

METEOROLOGICAL OFFICE.

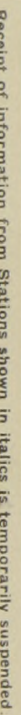
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**DAILY WEATHER REPORTS.**

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1<sup>ST</sup> JULY TO 31<sup>ST</sup> DECEMBER 1915.



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# DAILY WEATHER REPORT. APPENDIX I.

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

### THIRD QUARTER, JULY TO SEPTEMBER.

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

| JULY.                         | STATIONS. | PRESSURE.<br>1906-1910.<br><br>7 a.m. Observations (reduced to M.S. Level and to Lat. 45°). | AIR TEMPERATURE.   |                    |                        |                        |                    |       |                  |       | RAINFALL.<br>1876-1910.<br><br>Days with Rain. Total Fall. |        | BRIGHT<br>SUNSHINE.<br>1881-1910.<br><br>Average Duration. Per Centage of Possible Duration. |  |
|-------------------------------|-----------|---|--------------------|--------------------|------------------------|------------------------|--------------------|-------|------------------|-------|--|--------|--|--|
|                               |           |   | Means of           |                    |                        |                        | Absolute Extremes. |       |                  |       |  |        |  |  |
|                               |           |   | 1908-1910.         |                    | 1876-1910.             |                        | 1876-1910.         |       |                  |       |  |        |  |  |
|                               |           |   | Dry Bulb<br>7 a.m. | Wet Bulb<br>7 a.m. | Daily<br>Maxi-<br>mum. | Daily<br>Mini-<br>mum. | Maximum.           |       | Minimum.         |       |  |        |  |  |
|                               |           |   |                    |                    |                        |                        | Temp.              | Year. | Temp.            | Year. |  |        |  |  |
| Sumburgh Head.....            | 29'862    | 50'5  | 49'0               | 57'0               | 48'0                   | 70                     | 1897               | 37    | 1888             | 18    | In.  | Hr.    | %  |  |
| Stornoway.....                | 29'897    | 52'5  | 50'7               | 60'1               | 48'9                   | 76                     | 1894               | 32    | 1888             | 20    | 2'32   | 144    | 27   |  |
| Castlebay (Barra Isd.)..      | [29'874]† | [53'9]†   | [51'9]†            | [58'3]†            | [51'3]†                | [71]†                  | [1908]†            | [47]† | [1910]†          | [19]† | [2'95]†  | [161]† | [31]†  |  |
| Malin Head.....               | 29'903    | 54'1  | 53'1               | [60'6]†            | [52'4]†                | [75]†                  | [1887]†            | [42]† | [1888, 02]†      | [19]† | [2'88]†  | —      | —  |  |
| Blackod Point.....            | 29'955    | 56'3  | 54'5               | [62'3]†            | [53'4]†                | [80]†                  | [1894]†            | [42]† | [1898]†          | [22]† | [3'14]†  | —      | —  |  |
| Valencia.....                 | 30'012    | 56'8  | 54'8               | 63'9               | 53'7                   | 80                     | 1878               | 40    | 1907             | 20    | 3'61   | 156    | 32   |  |
| Roche's Point.....            | 30'014    | 56'5  | 54'9               | 65'2               | 53'8                   | 84                     | 1876               | 43    | 1907             | 15    | 2'88   | —      | —  |  |
| Birr Castle.....              | 29'983    | 56'8  | 52'1               | 66'2               | 51'7                   | 89                     | 1876               | 37    | 1889             | 17    | 2'99   | 142    | 28   |  |
| Donaghadee.....               | 29'953    | 54'1  | 52'5               | 63'3               | 51'8                   | 81                     | 1876               | 40    | 1883, 02         | 17    | 2'91   | —      | —  |  |
| Liverpool (Observatory).....  | 29'971    | 56'1  | 53'4               | 65'6               | 54'2                   | 88                     | 1901               | 44    | 1877             | 15    | 2'69   | [186]† | [37]†  |  |
| Holyhead.....                 | 29'989    | 50'7  | 54'9               | 63'3               | 53'6                   | 85                     | 1901               | 43    | 1888             | 16    | 2'71   | —      | —  |  |
| Pembroke (St. Ann's Hd.)..... | 29'993    | 55'6  | 54'4               | 62'3               | 54'7                   | 80                     | 1878               | 43    | 1910             | 15    | 2'47   | 209    | 42   |  |
| Scilly (St. Mary's).....      | 30'146    | 57'6  | 55'5               | 64'7               | 56'4                   | 75                     | 1886, 01, 02       | 47    | 1910             | 16    | 2'24   | 218    | 45   |  |
| Jersey (St. Aubin's).....     | 30'056    | 59'3  | 57'0               | 68'3               | 56'3                   | 87                     | 1900, 01           | 44    | 1907, 09         | 13    | 2'01   | 247    | 51   |  |
| Portland Bill.....            | 30'010    | 57'5  | 55'8               | 64'7               | 55'9                   | [79]†                  | [1901]†            | [49]† | [1900, 07]†      | 11    | 1'75   | —      | —  |  |
| Dungeness.....                | 29'988    | 58'0  | 56'0               | 66'5               | 55'4                   | 82                     | 1900               | 40    | 1890             | 12    | 1'88   | —      | —  |  |
| Dover.....                    | [29'983]† | [58'0]†   | [55'7]†            | [64'7]†            | [52'8]†                | [74]†                  | [1903]†            | [46]† | [1908, 09, 10]†  | [15]† | [2'61]†  | [180]† | [37]†  |  |
| Wick.....                     | 29'885    | 52'2  | 50'3               | 61'1               | 48'4                   | 81                     | 1876               | 30    | 1886             | 18    | 2'66   | —      | —  |  |
| Nairn.....                    | 29'892    | 53'0  | 50'7               | 64'2               | 49'4                   | 86                     | 1876               | 36    | 1906             | 17    | 2'67   | [135]† | [26]†  |  |
| Aberdeen.....                 | 29'909    | 54'5  | 51'9               | 63'1               | 50'3                   | 86                     | 1876               | 38    | 1898, 03         | 17    | 2'79   | 160    | 30   |  |
| Leith.....                    | 29'915    | 55'4  | 52'3               | 66'0               | 51'3                   | 90                     | 1878               | 41    | 1887, 8, 92, 03  | 17    | 2'73   | —      | —  |  |
| North Shields.....            | 29'931    | 55'5  | 52'9               | 64'2               | 55'1                   | 85                     | 1876               | 39    | 1909             | 15    | 2'60   | —      | —  |  |
| Spurn Head.....               | 29'944    | 58'4  | 54'3               | 64'9               | 54'6                   | [84]†                  | [1881, 1900]†      | [44]† | [1882]†          | 13    | 1'82   | —      | —  |  |
| Yarmouth.....                 | 29'959    | 57'1  | 54'6               | 66'0               | 54'6                   | 87                     | 1881               | 42    | 1890             | 14    | 2'44   | [177]† | [96]†  |  |
| Clacton-on-Sea.....           | 29'988    | 58'0  | 55'5               | 67'7               | 54'6                   | [82]†                  | [1905]†            | [40]† | [1902]†          | 10    | 1'80   | [202]† | [41]†  |  |
| Nottingham.....               | 29'974    | 56'7  | 54'4               | 70'1               | 52'1                   | 92                     | 1876               | 37    | 1888             | 15    | 2'39   | [190]† | [38]†  |  |
| Bath.....                     | 30'019    | 58'5  | 56'4               | 69'4               | 58'4                   | [91]†                  | [1876]†            | [39]† | [1906]†          | 13    | 2'53   | 204    | 41   |  |
| Oxford.....                   | 29'987    | 58'3  | 54'8               | 70'0               | 53'5                   | 90                     | 1876, 00           | 41    | 1888             | 14    | 2'47   | 201    | 41   |  |
| LONDON { Westminster.....     | 29'990    | 57'8  | 55'1               | [69'7]†            | [54'8]†                | [83]†                  | [1908]†            | [45]† | [1907]†          | [14]† | [1'99]†  | 179    | 36   |  |
| { Kew.....                    | 30'009    | 57'7  | 54'8               | 70'8               | 54'3                   | 90                     | 1881               | 43    | 1882, 84         | 13    | 2'30   | 204    | 41   |  |
| AUGUST.                       |           |   |                    |                    |                        |                        |                    |       |                  |       |  |        |  |  |
| Sumburgh Head.....            | 29'786    | 51'5  | 49'9               | 57'2               | 48'3                   | 82                     | 1910               | 38    | 1885, 95, 09     | 20    | 3'11   | —      | —  |  |
| Stornoway.....                | 29'838    | 52'9  | 51'3               | 60'0               | 49'0                   | 75                     | 1897, 99           | 33    | 1888             | 22    | 3'86   | 132    | 28   |  |
| Castlebay (Barra Isd.)..      | [29'872]† | [54'2]†   | [52'5]†            | [58'5]†            | [51'5]†                | [68]†                  | [1910]†            | [47]† | [1908, 09]†      | [20]† | [4'07]†  | [139]† | [30]†  |  |
| Malin Head.....               | 29'856    | 54'8  | 51'0               | [61'0]†            | [52'9]†                | [80]†                  | [1900]†            | [43]† | [1891]†          | [22]† | [3'69]†  | —      | —  |  |
| Blackod Point.....            | 29'907    | 57'0  | 55'1               | [62'0]†            | [53'5]†                | [78]†                  | [1899]†            | [42]† | [1897, 88]†      | [23]† | [4'84]†  | —      | —  |  |
| Valencia.....                 | 29'976    | 57'5  | 55'5               | 64'2               | 53'9                   | 81                     | 1899               | 42    | 1890             | 23    | 5'09   | 152    | 34   |  |
| Roche's Point.....            | 29'985    | 56'6  | 55'6               | 64'9               | 53'8                   | 80                     | 1880               | 44    | 1883, 03, 01     | 17    | 4'01   | —      | —  |  |
| Birr Castle.....              | 29'949    | 56'5  | 54'9               | 65'6               | 51'2                   | 82                     | 1893, 99, 00       | 35    | 1885, 87         | 18    | 3'85   | 142    | 32   |  |
| Donaghadee.....               | 29'912    | 54'6  | 53'3               | 63'1               | 52'0                   | 78                     | 1899               | 38    | 1886             | 19    | 3'27   | —      | —  |  |
| Liverpool (Observatory).....  | 29'941    | 56'7  | 54'2               | 65'1               | 54'0                   | 85                     | 1876, 84, 93, 99   | 44    | 1885             | 17    | 3'16   | [161]† | [36]†  |  |
| Holyhead.....                 | 29'941    | 57'3  | 55'7               | 63'4               | 54'1                   | 83                     | 1893               | 45    | 1888             | 17    | 3'39   | —      | —  |  |
| Pembroke (St. Ann's Hd.)..... | 29'971    | 57'0  | 55'8               | 62'8               | 55'3                   | 78                     | 1899               | 47    | 1885, 88         | 16    | 3'27   | 193    | 43   |  |
| Scilly (St. Mary's).....      | 30'126    | 58'7  | 56'9               | 65'0               | 56'9                   | 75                     | 1893, 99           | 50    | 1885, 90, 95     | 17    | 2'68   | 224    | 51   |  |
| Jersey (St. Aubin's).....     | 30'057    | 61'2  | 58'5               | 68'8               | 57'2                   | 89                     | 1893               | 45    | 1890, 09         | 15    | 2'43   | 242    | 55   |  |
| Portland Bill.....            | 30'003    | 59'3  | 57'5               | 66'5               | 56'8                   | [73]†                  | [1901]†            | [49]† | [1904, 10]†      | 13    | 2'00   | —      | —  |  |
| Dungeness.....                | 29'992    | 59'6  | 57'6               | 67'2               | 56'0                   | 82                     | 1904               | 39    | 1890             | 13    | 2'13   | —      | —  |  |
| Dover.....                    | [29'993]† | [59'3]†   | [56'9]†            | [66'4]†            | [53'8]†                | [83]†                  | [1906]†            | [46]† | [1908]†          | [15]† | [2'49]†  | [220]† | [50]†  |  |
| Wick.....                     | 29'827    | 52'4  | 50'9               | 61'1               | 48'2                   | 85                     | 1893               | 30    | 1888             | 20    | 2'75   | —      | —  |  |
| Nairn.....                    | 29'836    | 52'7  | 51'0               | 63'7               | 49'1                   | 86                     | 1899               | 33    | 1885, 91, 04     | 19    | 2'59   | [132]† | [28]†  |  |
| Aberdeen.....                 | 29'860    | 54'5  | 52'4               | 62'7               | 49'9                   | 81                     | 1880, 82, 99, 06   | 33    | 1885             | 18    | 2'95   | 152    | 33   |  |
| Leith.....                    | 29'866    | 55'4  | 52'9               | 65'6               | 51'1                   | 85                     | 1893, 1906         | 38    | 1881, 92         | 17    | 2'95   | —      | —  |  |
| North Shields.....            | 29'898    | 55'6  | 53'4               | 64'1               | 51'2                   | 83                     | 1893               | 39    | 1892, 02         | 16    | 2'84   | —      | —  |  |
| Spurn Head.....               | 29'927    | 57'2  | 55'3               | 64'9               | 54'6                   | [87]†                  | [1893]†            | [46]† | [1900]†          | 15    | 2'13   | —      | —  |  |
| Yarmouth.....                 | 29'957    | 58'0  | 55'6               | 66'2               | 54'4                   | 85                     | 1893               | 41    | 1902             | 15    | 2'51   | [206]† | [46]†  |  |
| Clacton-on-Sea.....           | 29'987    | 58'9  | 56'4               | 67'6               | 55'0                   | [84]†                  | [1905]†            | [43]† | [1906]†          | 13    | 1'90   | [211]† | [47]†  |  |
| Nottingham.....               | 29'957    | 56'3  | 54'7               | 68'7               | 51'4                   | 94                     | 1876               | 37    | 1876, 08         | 17    | 2'62   | [181]† | [40]†  |  |
| Bath.....                     | 30'006    | 58'0  | 55'6               | 68'9               | 52'5                   | [92]†                  | [1876]†            | [40]† | [1877, 04]†      | 14    | 3'00   | 196    | 44   |  |
| Oxford.....                   | 30'008    | 58'9  | 55'8               | 68'9               | 52'7                   | 90                     | 1876, 06           | 39    | 1892             | 14    | 2'47   | 187    | 42   |  |
| LONDON { Westminster.....     | 29'991    | 58'2  | 56'2               | [69'7]†            | [54'7]†                | [91]†                  | [1906]†            | [46]† | [1905, 07]†      | [13]† | [1'80]†  | 172    | 39   |  |
| { Kew.....                    | 30'006    | 57'9  | 55'6               | 69'6               | 53'6                   | 92                     | 1876               | 41    | 1890             | 14    | 2'36   | 191    | 43   |  |
| SEPTEMBER.                    |           |   |                    |                    |                        |                        |                    |       |                  |       |  |        |  |  |
| Sumburgh Head.....            | 30'000    | 49'0  | 47'8               | 54'8               | 46'3                   | 69                     | 1898               | 34    | 1887, 88         | 20    | 3'18   | —      | —  |  |
| Stornoway.....                | 30'037    | 50'7  | 49'1               | 57'5               | 46'2                   | 77                     | 1906               | 32    | 1885             | 21    | 3'96   | 115    | 30   |  |
| Castlebay (Barra Isd.)..      | [30'041]† | [52'4]†   | [50'5]†            | [56'8]†            | [49'9]†                | [63]†                  | [1910]†            | [44]† | [1908, 09, 10]†  | [16]† | [3'17]†  | [129]† | [34]†  |  |
| Malin Head.....               | 30'059    | 52'8  | 52'2               | [58'8]†            | [50'7]†                | [84]†                  | [1906]†            | [38]† | [1886]†          | [18]† | [2'76]†  | —      | —  |  |
| Blackod Point.....            | 30'090    | 55'0  | 53'2               | [60'0]†            | [51'2]†                | [78]†                  | [1896]†            | [39]† | [1899]†          | [20]† | [4'08]†  | —      | —  |  |
| Valencia.....                 | 30'114    | 53'8  | 51'7               | 61'8               | 51'3                   | 79                     | 1898, 06           | 35    | 1899             | 19    | 4'09   | 132    | 35   |  |
| Roche's Point.....            | 30'127    | 54'1  | 53'1               | 61'8               | 51'3                   | 74                     | 1880               | 39    | 1893             | 15    | 3'11   | —      | —  |  |
| Birr Castle.....              | 30'114    | 52'4  | 51'0               | 61'9               | 47'2                   | 80                     | 1906               | 29    | 1899             | 15    | 2'53   | 125    | 33   |  |
| Donaghadee.....               | 30'107    | 52'0  | 51'0               | 60'2               | 49'3                   | 75                     | 1906               | 36    | 1882, 94, 99, 09 | 16    | 2'62   | —      | —  |  |
| Liverpool (Observatory).....  | 30'120    | 53'0  | 50'7               | 61'3               | 50'8                   | 87                     | 1906               | 39    | 1885             | 15    | 2'55   | [114]† | [30]†  |  |
| Holyhead.....                 | 30'109    | 54'9  | 53'1               | 60'8               | 51'9                   | 78                     | 1880               | 42    | 1903, 07         | 16    | 2'80   | —      | —  |  |
| Pembroke (St. Ann's Hd.)..... | 30'109    | 54'3  | 53'0               | 60'6               | 52'9                   | 74                     | 1895               | 40    | 1885             | 15    | 2'81   | 150    | 40   |  |
| Scilly (St. Mary's).....      | 30'223    | 56'3  | 54'7               | 62'3               | 54'8                   | 73                     | 1899               | 44    | 1885, 88         | 16    | 2'57   | 170    | 46   |  |
| Jersey (St. Aubin's).....     | 30'132    | 57'3  | 54'9               | 65'8               | 54'7                   | 89                     | 1906               | 41    | 1891             | 15    | 2'67   | 184    | 49   |  |
| Portland Bill.....            | 30'112    | 56'4  | 54'9               | 63'0               | 53'8                   | [71]†                  | [1906]†            | [43]† | [1902, 03, 10]†  | 14    | 2'08   | —      | —  |  |
| Dungeness.....                | 30'100    | 55'9  | 53'8               | 64'0               | 52'4                   | 81                     | 1906               |       |                  |       |  |        |  |  |



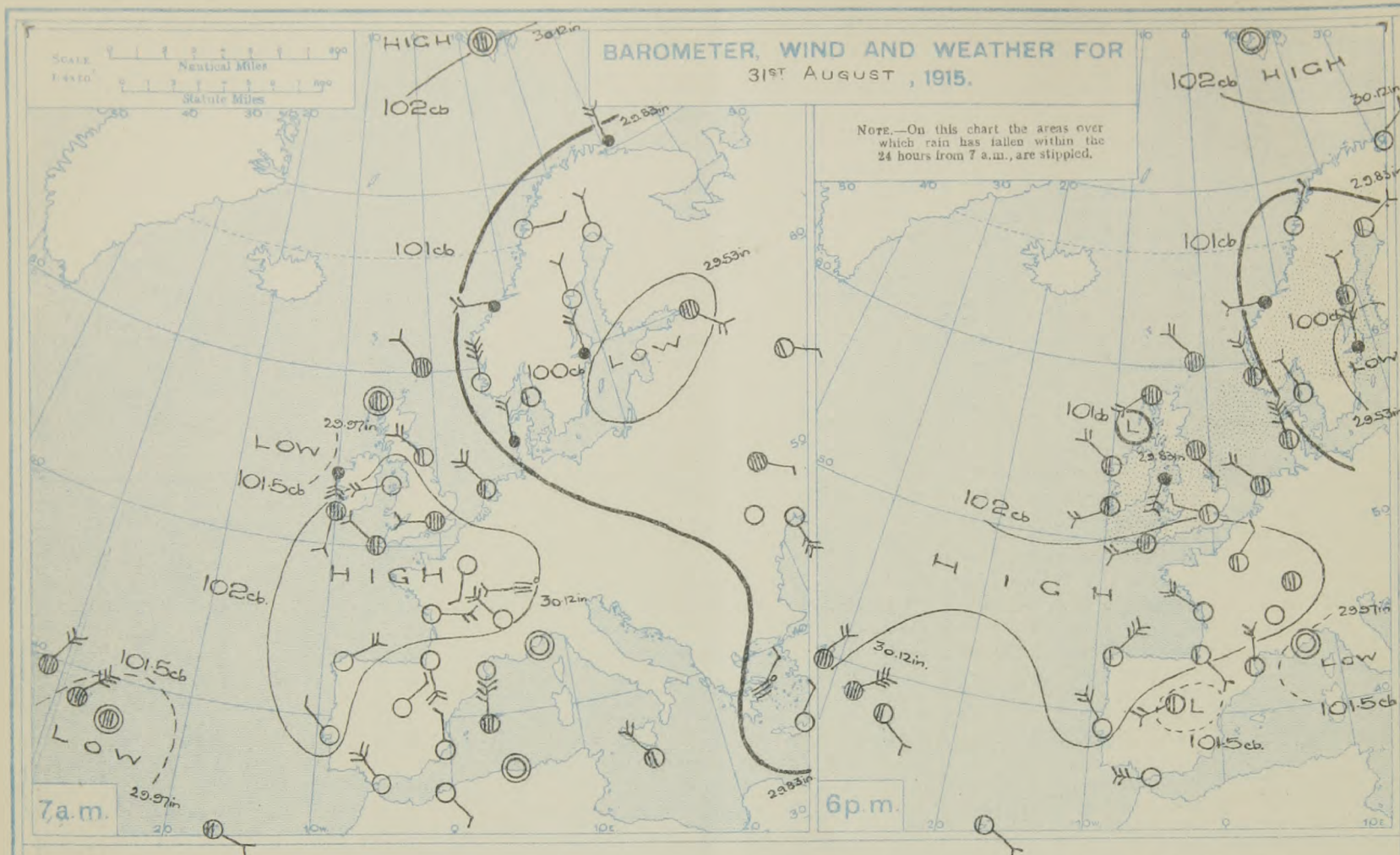
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 244

Wednesday,  
1st September, 1915.

| STATIONS.                 | YESTERDAY EVENING.                    |               |       |                |          |                             | THIS MORNING 7 A.M., G.M.T. |              |                           |       |                |                                 |          |             |                                     |       | PAST 24 HOURS. |          |            |         |        |  | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---------------------------|---------------------------------------|---------------|-------|----------------|----------|-----------------------------|-----------------------------|--------------|---------------------------|-------|----------------|---------------------------------|----------|-------------|-------------------------------------|-------|----------------|----------|------------|---------|--------|--|---|
|                           | Barom.<br>Milli-<br>bars at<br>M.S.L. | Temp.<br>° F. | WIND. |                | Weather. | Barometer.                  |                             | Temp.        |                           | WIND. |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-4. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |                | WEATHER. |            |         |        |  |   |
|                           |                                       |               | Dir.  | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours.    | Dry<br>Bulb. | Change<br>in 24<br>hours. | Dir.  | Force<br>0-12. |                                 |          |             |                                     | Max.  | Min.           | Morning. | Afternoon. | Night.  |        |  |   |
| Lerwick                   | 1016.3                                | 49            | NW    | 3              | o        | 1013.5                      | -1                          | 47           | 0                         | N     | 3              | N                               | c        | 2           | -                                   | 49    | 44             | om       | om         | o.c     | Hours. |  |   |
| Deerness                  | 1016.2                                | 50            | P     | 1              | m        | 1013.2                      | -2                          | 47           | -2                        | NE    | 2              | -                               | o        | 2           | -                                   | 51    | 44             | om       | m om       | o       | 0.0    |  |   |
| Stornoway                 | 1015.1                                | 52            | ESE   | 2              | o        | 1014.0                      | +2                          | 49           | 0                         | NE    | 4              | -                               | o        | 4           | -                                   | 46    | 48             | o        | c          | o       | 1.1    |  |   |
| Castlebay (Barraled.)     | 1008.4                                | 53            | E     | 5              | o        | 1011.5                      | +3                          | 51           | -3                        | N     | 4              | N                               | o        | 4           | 25                                  | 55    | 49             | c        | c          | o       | 0.0    |  |   |
| Glasgow                   | 1015.0                                | 52            | S     | 3              | o        | 1009.8                      | -1                          | 48           | +8                        | WNW   | 1              | N                               | o        | 4           | 5                                   | 57    | 40             | bom om   | admp       | om o    | 0.1    |  |   |
| Eskdalemuir               | 1016.0                                | 51            | SSW   | 2              | o        | 1008.4                      | -2                          | 50           | +13                       | W     | 2              | -                               | o        | 4           | 4                                   | 54    | 35             | bc c.o   | o          | op ond  | ?      |  |   |
| Malin Head                | 1012.9                                | 56            | W     | 3              | bc       | 1009.5                      | -2                          | 52           | +1                        | SW    | 2              | -                               | o        | 2           | 4                                   | 58    | 50             | ond      | bc         | cp      | 1.8    |  |   |
| Blacksod Point            | 1014.1                                | 54            | NW    | 3              | bc       | 1010.8                      | 0                           | 52           | -3                        | NNE   | 2              | NE                              | o        | 3           | 8                                   | 60    | 49             | bom      | bc         | cp      | 1.8    |  |   |
| Valencia                  | 1017.9                                | 60            | WSW   | 3              | bc       | 1011.5                      | -3                          | 57           | 0                         | WSW   | 3              | -                               | o        | 4           | 4                                   | 61    | 53             | bc       | bc         | cp      | 4.3    |  |   |
| Roches Point              | 1018.3                                | 62            | W     | 3              | bc       | 1013.4                      | 0                           | 55           | 0                         | W     | 2              | N                               | bc       | 2           | 0.2                                 | 63    | 52             | o.c      | c.bc       | bc      | ?      |  |   |
| Birr Castle               | 1015.8                                | 57            | W     | 2              | c        | 1011.0                      | 0                           | 50           | -1                        | -     | 0              | -                               | c        | 4           | 4                                   | 59    | 50             | o.c      | o.c        | cp      | 1.5    |  |   |
| Donaghadee                | 1013.2                                | 55            | SSW   | 3              | om       | 1009.1                      | -3                          | 50           | +3                        | W     | 3              | W                               | om       | 2           | 1                                   | 57    | 46             | om       | om         | c.bc    | ?      |  |   |
| Liverpool (Bidston)       | 1017.5                                | 55            | SW    | 3              | r        | 1010.0                      | -2                          | 51           | -4                        | WSW   | 3              | W                               | o        | 2           | 10                                  | 61    | 51             | bc       | c.or       | o       | 2.1    |  |   |
| Holyhead                  | 1015.8                                | 57            | SSW   | 5              | om       | 1010.4                      | -2                          | 55           | +1                        | W     | 4              | NW                              | o        | 3           | 9                                   | 63    | 53             | b bc c.o | o om       | r.o c   | 4.2    |  |   |
| Pembroke (St. Ann's)      | 1020.9                                | 59            | WSW   | 5              | c        | 1012.3                      | -3                          | 57           | +1                        | W     | 3              | W                               | o        | 3           | 4                                   | 60    | 55             | bc       | bc         | cp      | 2.7    |  |   |
| BRITISH ISLANDS.          |                                       |               |       |                |          |                             |                             |              |                           |       |                |                                 |          |             |                                     |       |                |          |            |         |        |  |   |
| Scilly (St. Mary's)       | 1021.3                                | 60            | WSW   | 3              | o        | 1014.4                      | -3                          | 57           | 0                         | WNW   | 4              | W                               | bc       | 4           | 6                                   | 66    | 52             | bc       | bc         | cp      | 4.4    |  |   |
| Falmouth                  | 1021.4                                | 59            | WSW   | 2              | bc       | 1014.1                      | -2                          | 55           | 0                         | W     | 1              | -                               | b        | 3           | 3                                   | 65    | 52             | c        | o.c        | cp      | 4.2    |  |   |
| Jersey (St. Aubin)        | 1022.9                                | 62            | WNW   | 3              | b        | 1016.5                      | 0                           | 59           | +4                        | SW    | 4              | -                               | o        | 3           | -                                   | 64    | 53             | bc       | bc         | b.o     | 9.2    |  |   |
| Portland Bill             | 1020.4                                | 60            | WSW   | 5              | c        | 1013.5                      | -3                          | 58           | -2                        | WSW   | 4              | SW                              | cp       | 3           | 4                                   | 64    | 56             | bc       | bc         | b.r     | ?      |  |   |
| Dungeness                 | 1020.1                                | 60            | W     | 3              | c        | 1014.2                      | -5                          | 59           | +7                        | WSW   | 5              | W                               | c        | 5           | 0.2                                 | 64    | 52             | c.o      | o.c        | bc      | ?      |  |   |
| Dover                     | 1020.9                                | 57            | SW    | 2              | bc       | 1013.8                      | -3                          | 58           | +4                        | SW    | 5              | SW                              | o        | 4           | -                                   | 62    | 51             | b bc c   | c bc       | bc c.o  | 6.7    |  |   |
| Wick                      | 1016.2                                | 51            | NE    | 1              | m        | 1013.0                      | -1                          | 49           | 0                         | NE    | 2              | NE                              | o        | 3           | 0.2                                 | 53    | 48             | om       | om         | om      | ?      |  |   |
| Nairn                     | 1015.2                                | 52            | ENE   | 2              | om       | 1012.1                      | 0                           | 51           | +2                        | ENE   | 4              | -                               | om       | 3           | -                                   | 57    | 47             | o.c bc   | bc         | om      | 4.3    |  |   |
| Aberdeen                  | 1016.1                                | 53            | SSE   | 2              | o        | 1011.3                      | -1                          | 52           | +3                        | NE    | 3              | -                               | o        | 2           | -                                   | 59    | 49             | o.c      | bc c.o     | o.c c.o | 2.7    |  |   |
| Leith                     | 1015.0                                | 57            | SW    | 1              | o        | 1008.6                      | -2                          | 52           | +9                        | NNE   | 3              | -                               | r        | 2           | 22                                  | 60    | 43             | bc c.o   | o.c c.o    | ad o    | ?      |  |   |
| Tynemouth                 | 1016.9                                | 56            | SE    | 1              | om       | 1008.6                      | -3                          | 51           | +5                        | WNW   | 2              | W                               | bc       | 3           | 6                                   | 59    | 47             | o        | om         | or      | ?      |  |   |
| Spurn Head                | 1018.7                                | 58            | S     | 3              | c        | 1010.2                      | -8                          | 54           | +1                        | SW    | 4              | -                               | o        | 4           | 5                                   | 62    | 53             | bc       | c.o        | or      | 9.9    |  |   |
| Yarmouth                  | 1019.4                                | 57            | ENE   | 1              | b        | 1011.0                      | -5                          | 55           | +7                        | SW    | 3              | SW                              | bom      | 2           | -                                   | 62    | 48             | bc       | bc         | bc      | 9.1    |  |   |
| Clacton-on-Sea            | 1019.7                                | 59            | WNW   | 1              | bc       | 1012.9                      | -2                          | 56           | +6                        | SSW   | 4              | SW                              | o        | 3           | 0.3                                 | 63    | 50             | bc bc c  | c bc       | bc c.o  | 7.4    |  |   |
| Nottingham                | 1018.0                                | 59            | SW    | 1              | bc       | 1010.3                      | 0                           | 54           | +2                        | W     | 2              | W                               | om       | 0           | 1                                   | 64    | 51             | c.o      | c.bc       | c.o     | 6.3    |  |   |
| Bath                      | 1019.9                                | 61            | W     | 1              | o        | 1012.6                      | 0                           | 55           | +1                        | W     | 3              | W                               | r        | 1           | 1                                   | 67    | 52             | b bc c   | b bc c.o   | o.c bc  | 10.0   |  |   |
| St. Farnborough           | 1019.2                                | 62            | -     | 0              | bc       | 1012.4                      | -3                          | 56           | +3                        | SW    | 3              | SW                              | o        | 2           | Trace                               | 66    | 52             | bc       | bc         | c       | 5.6    |  |   |
| London (Kew Obs.)         | 1019.5                                | 63            | WNW   | 1              | bc       | 1012.4                      | -4                          | 57           | +3                        | SW    | 4              | W                               | c        | 2           | 0.2                                 | 65    | 51             | om o     | o.c bc     | bc c.o  | 3.2    |  |   |
| NORTHERN EUROPE.          |                                       |               |       |                |          |                             |                             |              |                           |       |                |                                 |          |             |                                     |       |                |          |            |         |        |  |   |
| Spitsbergen               | 1024.7                                | 32            | -     | 0              | b        | 1027.3                      | +1                          | 32           | 0                         | -     | 0              | -                               | b        | 0           | 0                                   | 45    | 27             | -        | -          | -       | ?      |  |   |
| Vardö                     | 1015.1                                | 45            | NE    | 1              | o        | 1018.6                      | +2                          | 48           | +2                        | WNW   | 5              | -                               | c        | 3           | 0                                   | 50    | 45             | -        | -          | -       | ?      |  |   |
| Bodö                      | 1009.9                                | 52            | NNE   | 1              | b        | 1009.7                      | 0                           | 48           | +2                        | E     | 2              | -                               | bc       | 2           | -                                   | 54    | 43             | -        | -          | -       | ?      |  |   |
| Christiansund             | 1009.2                                | 46            | W     | 2              | r        | 1008.0                      | -1                          | 48           | +2                        | -     | 0              | -                               | o        | 3           | 16                                  | 50    | 46             | -        | -          | -       | ?      |  |   |
| Skudesnaes                | 1011.5                                | 50            | WNW   | 4              | c        | 1008.0                      | 0                           | 50           | -2                        | WNW   | 4              | -                               | c        | 2           | 1                                   | 55    | 45             | -        | -          | -       | ?      |  |   |
| Færder (Nianla Fjord)     | 1005.5                                | 57            | WNW   | 2              | c        | 1004.4                      | -1                          | 52           | -3                        | WNW   | 4              | -                               | b        | 1           | Trace                               | 59    | 50             | -        | -          | -       | ?      |  |   |
| The Scaw (Skagen)         | 1006.1                                | 55            | NW    | 2              | b        | 1004.6                      | 0                           | 57           | -2                        | N     | 2              | NW                              | bc       | 3           | 1                                   | 64    | 50             | -        | -          | -       | ?      |  |   |
| Blaavands Huk             | 1011.3                                | 55            | WNW   | 7              | c        | 1010.0                      | 0                           | 55           | 0                         | WNW   | 4              | -                               | c        | 4           | 1                                   | 59    | 52             | -        | -          | -       | ?      |  |   |
| Haparanda                 | 1007.1                                | 52            | NE    | 2              | bc       | 1004.0                      | -2                          | 48           | +3                        | NW    | 4              | -                               | o        | 0           | 5                                   | 61    | 46             | -        | -          | -       | ?      |  |   |
| Hernösand                 | 1003.1                                | 54            | N     | 2              | c        | 994.1                       | -3                          | 48           | 0                         | N     | 4              | -                               | r        | 0           | 13                                  | 57    | 41             | -        | -          | -       | ?      |  |   |
| Stockholm                 | 998.4                                 | 46            | N     | 4              | r        | 994.7                       | -2                          | 46           | -4                        | NW    | 6              | -                               | r        | 0           | 34                                  | 50    | 43             | -        | -          | -       | ?      |  |   |
| Wisby                     | 999.7                                 | 56            | WNW   | 9              | o        | 997.7                       | 0                           | 52           | +2                        | W     | 4              | W                               | b        | 0           | 17                                  | 52    | 45             | -        | -          | -       | ?      |  |   |
| Karlstad                  | 1004.0                                | 54            | N     | 2              | b        | 1001.1                      | -1                          | 48           | 0                         | N     | 4              | -                               | b        | 0           | 1                                   | 63    | 39             | -        | -          | -       | ?      |  |   |
| Petrograd (5 a.m. G.M.T.) | 1012.3                                | -5            | 4     | 3              | -        | 1012.3                      | -5                          | 54           | -5                        | 3     | 3              | -                               | o        | 2           | 1                                   | 61    | 50             | -        | -          | -       | ?      |  |   |
| The Helder                | 1020.2                                | 59            | WSW   | 4              | c        | 1014.0                      | -3                          | 60           | +5                        | SW    | 5              | -                               | c        | 4           | -                                   | 61    | 55             | -        | -          | -       | ?      |  |   |
| C. Gris Nez               | 1021.6                                | 77            | NW    | 2              | b        | 1016.2                      | 0                           | 59           | +2                        | SW    | 4              | -                               | b        | 3           | -                                   | 68    | 54             | -        | -          | -       | ?      |  |   |
| La Hève                   | 1023.7                                | 59            | W     | 1              | c        | 1017.2                      | 0                           | 59           | +5                        | SW    | 5              | -                               | o        | 3           | -                                   | 68    | 54             | -        | -          | -       | ?      |  |   |
| Ushant                    | 1023.6                                | 60            | W     | 3              | b        | 1018.1                      | -3                          | 61           | +7                        | SW    | 5              | -                               | o        | 4           | -                                   | 70    | 57             | -        | -          | -       | ?      |  |   |
| Brest (St. Mathieu)       | 1021.9                                | 64            | NW    | 4              | b        | 1020.2                      | 0                           | 57           | +2                        | NNE   | 1              | -                               | b        | 0           | -                                   | 75    | 52             | -        | -          | -       | ?      |  |   |
| Rochefort (Ile d'Aix)     | 1020.7                                | 66            | N     | 2              | b        | 1019.4                      | 0                           | 61           | -2                        | SE    | 2              | -                               | c        | 2           | -                                   | 72    | 57             | -        | -          | -       | ?      |  |   |
| Biarritz                  | 1021.7                                | 57            | N     | 1              | bc       | 1018.6                      | -6                          | 50           | -2                        | -     | 0              | -                               | b        | 0           | -                                   | 64    | 43             | -        | -          | -       | ?      |  |   |
| Paris                     | 1022.4                                | 55            | -     | 0              | c        | 1021.2                      | 0                           | 43           | -3                        | -     | 0              | -                               | m        | 0           | -                                   | 68    | 39             | -        | -          | -       | ?      |  |   |
| Belfort                   | 1020.7                                | 61            | NNE   | 1              | b        | 1020.3                      | 0                           | 53           | +2                        | N     | 1              | -                               | b        | 0           | -                                   | 68    | 48             | -        | -          | -       | ?      |  |   |
| Lyons                     | 1013.6                                | 68            | -     | 0              | b        | 1014.7                      | +1                          | 59           | -11                       | -     | 0              | -                               | b        | 2           | -                                   | 81    | 59             | -        | -          | -       | ?      |  |   |
| Nice                      | 1016.8                                | 73            | N     | 3              | b        | 1018.0                      | 0                           | 66           | -2                        | NE    | 2              | -                               | b        | 0           | -                                   | 81    | 59             | -        | -          | -       | ?      |  |   |
| Perpignan                 | 1016.8                                | 73            | SW    | 3              | bc       | 1018.0                      | 0                           | 71           | -2                        | E     | 3              | -                               | b        | 4           | -                                   | 77    | 64             | -        | -          | -       | ?      |  |   |
| Sanguinaire               | 1022.3                                | 66            | NNE   | 5              | b        | 1022.9                      | +1                          | 66           | +2                        | SW    | 1              | -                               | b        | 1           | -                                   | 68    | 57             | -        | -          | -       | ?      |  |   |
| Corunna (7 a.m.)          | 1013.9                                | 82            | WSW   | 2              | bc       | 1017.3                      | +1                          | 64           | -4                        | -     | 0              | -                               | c        | 0           | -                                   | 86    | 57             | -        | -          | -       | ?      |  |   |
| Madrid (8 a.m.)           | 1020.3                                | 72            | WNW   | 4              | b        | 1022.6                      | 0                           | 64           | -2                        | N     | 2              | N                               | b        | 2           | -                                   | 75    | 64             | -        | -          | -       | ?      |  |   |
| Lisbon (9 a.m.)           | 1019.3                                | 75            | W     | 5              | b        | 1018.6                      | 0                           | 70           | +1                        | W     | 4              | -                               | b        | 2           | -                                   | 86    | 68             | -        | -          | -       | ?      |  |   |
| Gibraltar                 | 1013.9                                | +1            | 73    | -4             | WNW      | 5                           | -                           | b            | 3                         | -     | 90             | 73                              | -        | 25          | 68                                  | -     | -              | -        | -          |         |        |  |   |

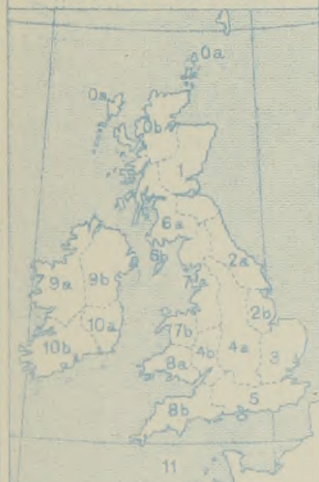
## RAINFALL. Equivalents of Millimetres. in Inches.





**FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

No Warnings Issued.

Western Channel and Bay 11

- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | North-Easterly to Northerly winds, light to fresh; much cloud, occasional rain; cool.                     |
| 1  | b |   |   |
| 2  | a | } | Wind Northerly to North-Westerly, light to fresh; changeable, some rain; cool.                            |
| 3  | b |   |   |
| 4  | a | } | Wind South-Westerly to Westerly, light to fresh, strong at times locally; changeable, some showers; cool. |
| 5  | b |   |   |
| 6  | a | } | Same as Nos. 0 and 1.   |
| 7  | b |   |   |
| 8  | a | } | Westerly to North-Westerly winds, light to fresh; changeable, some rain; cool.                            |
| 9  | b |   |   |
| 10 | a | } | Wind mainly between North and West, light or moderate; changeable, some showers; cool.                    |
| 11 | b |   |   |
| 12 | a | } | Westerly and North-Westerly winds, light to fresh; sea moderate or slight; some showers, otherwise fair.  |
| 13 | b |   |   |

**FURTHER OUTLOOK.**

Millibars

1050

1040

1030

1020

1010

1000

990

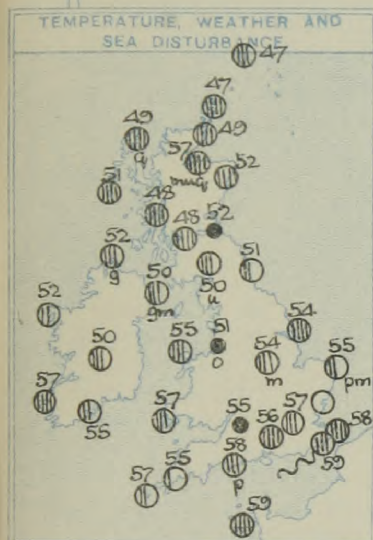
980

970



GENERAL INFERENCE.

The depression over our northern districts seems likely to move in a south-easterly direction.



EXPLANATION.

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

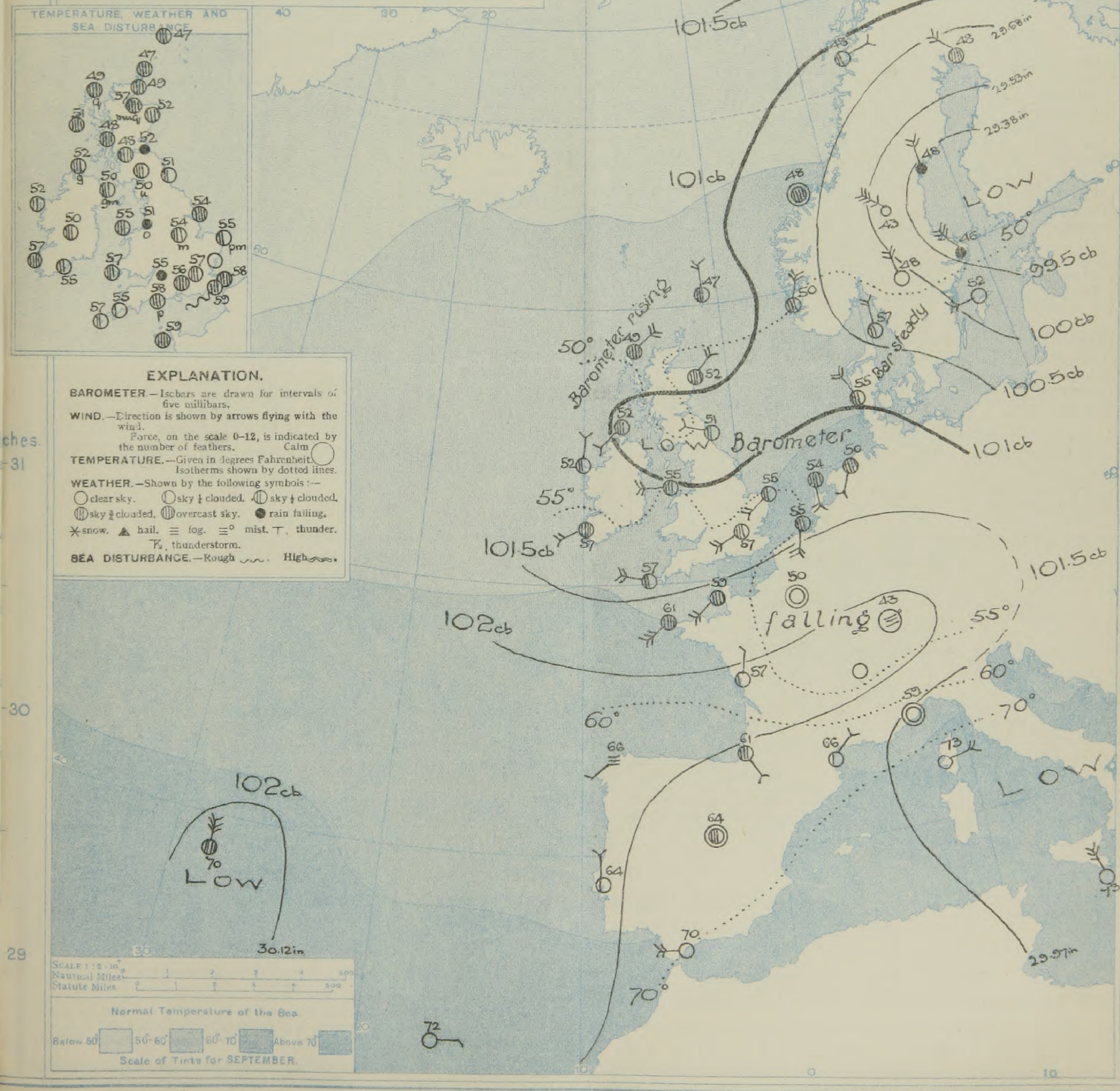
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

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

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded. ○ sky 100% clouded. ○ overcast sky. ● rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

**SEA DISTURBANCE.**—Rough. High.





## DAILY WEATHER REPORT.

Wednesday, 1st September, 1915.

REPORTS  
FOR  
YESTERDAY.

31st August

| STATIONS. | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |              |                           |        |                |                                 |          |             |                                     |       |      |
|-----------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|-------|------|
|           | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |      |
|           |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.  | Min. |
|           |                                       | ° F.  |        |                |          |                                |                          | ° F.         | ° F.                      |        |                |                                 |          |             |                                     |       |      |
| Aranda    | 1003.9                                | 50    | -      | 0              | bc       | 1007.5                         | +1                       | 45           | -1                        | N      | 2              | -                               | b        | *           | Trace                               | 57    | 30   |
| And       | 1002.9                                | 52    | -      | 0              | b        | 1005.5                         | 0                        | 47           | +2                        | N      | 2              | SW                              | b        | *           | -                                   | 57    | 37   |
| Abholm    | 1002.4                                | 54    | N      | 2              | o        | 1000.4                         | 0                        | 50           | -4                        | N      | 4              | -                               | b        | *           | -                                   | 57    | 46   |
| by        | 1000.6                                | 54    | NINE   | 4              | o        | 997.1                          | -2                       | 50           | -9                        | N      | 8              | -                               | r        | *           | 20                                  | 59    | 48   |
| Isled     | 1002.3                                | 55    | SE     | 2              | b        | 1004.2                         | *                        | 48           | +3                        | -      | 0              | -                               | bc       | *           | -                                   | 61    | 41   |
| ogrod     | 999.9                                 | 64    | SSW    | 3              | r        | 998.1                          | -1                       | 59           | +2                        | SE     | 3              | -                               | o        | *           | 3                                   | 75    | 57   |
| ity.      | 1019.0                                | 67    | N      | 3              | bc       | 1019.7                         | +1                       | 63           | -3                        | S      | 2              | *                               | b        | 2           | -                                   | 75    | 59   |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm. & . | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm. & . | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|---------------------|----------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|----------------------|--------------|------|-----------|------------|--------------------------------------|
|                     |                      | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                      | Max.         | Min. | Forenoon. | Afternoon. |                                      |
|                     |                      | ° F.         | ° F. |           |            |                                      |                       |                      | ° F.         | ° F. |           |            |                                      |
| Scotland.           |                      |              |      |           |            |                                      | Tunbridge Wells ...   |                      | 63           | 46   | bc, o bc  | abc, c     | 1.7                                  |
| Oban ...            | -                    | 58           | 45   | o, c, bc  | ogr        | 0.0                                  | Margate ...           |                      | 63           | 54   | b         | c          | 5.4                                  |
| Banff ...           | -                    | 55           | 49   | o         | bc, c      | 2.0                                  | Ramsgate ...          |                      | 62           | 51   | bc        | coz        | 5.9                                  |
| Carnoustie ...      | -                    | 58           | 39   | b         | o, c       | 6.0                                  | Hastings ...          |                      | 62           | 49   | o, c      | b, bc, o   | 1.5                                  |
| St. Andrews ...     | -                    | 59           | 37   | *         | *          | 5.4                                  | Bexhill-on-Sea ...    |                      | 63           | 50   | o         | o          | 1.9                                  |
| Eng. N.E.           |                      |              |      |           |            |                                      | Eastbourne ...        |                      | 63           | 54   | bc        | bc         | 2.0                                  |
| Harrogate ...       | -                    | 61           | 42   | bc, b     | bc, o      | 6.3                                  | Seaford ...           |                      | 63           | 51   | c         | c          | 3.2                                  |
| Skegness ...        | -                    | 62           | 45   | b, bc     | b, c, o    | 8.4                                  | Brighton ...          |                      | 65           | 54   | bc, c     | o, bc, c   | 3.5                                  |
| Eng. N.W.           |                      |              |      |           |            |                                      | Worthing ...          |                      | 66           | 51   | c         | bc, c      | 4.7                                  |
| Morecambe ...       | 0.3                  | 60           | 42   | bc        | bc, cgd    | 3.0                                  | Littlehampton ...     |                      | 65           | 52   | bc        | o, bc      | 4.3                                  |
| Blackpool ...       | 0.2                  | 63           | 51   | c, o, c   | o, p, o    | 1.7                                  | Bognor ...            |                      | 65           | 51   | bc        | bc         | 6.8                                  |
| Southport ...       | -                    | 62           | 53   | o, bc     | bc, p, o   | 2.9                                  | Southsea ...          |                      | 67           | 53   | b         | b          | 8.0                                  |
| Midlands.           |                      |              |      |           |            |                                      | Bournemouth ...       |                      | 68           | 49   | b, bc     | c          | 9.5                                  |
| Buxton ...          | -                    | 58           | 49   | bc        | bc         | 4.1                                  | Weymouth ...          |                      | 69           | 52   | bc        | bc, c      | 8.5                                  |
| Leamington Spa ...  | -                    | 65           | 51   | c, bc     | bc         | 5.1                                  | Torquay ...           |                      | 68           | 53   | b, bc     | bc, o      | 6.2                                  |
| Malvern ...         | -                    | 64           | 50   | b, bc     | b, bc      | 7.1                                  | Paignton ...          |                      | 68           | 52   | b         | bc         | 5.5                                  |
| Ross-on-Wye ...     | -                    | 69           | 51   | b, bc     | c, bc, o   | 7.2                                  | Falmouth ...          |                      | 65           | 51   | c         | o, bc, c   | 4.1                                  |
| Wales.              |                      |              |      |           |            |                                      | Penzance ...          |                      | 68           | 52   | bc        | bc         | 4.5                                  |
| Rhyl ...            | 1                    | 61           | 52   | o, c, o   | bc, c, o   | 4.0                                  | Newquay ...           |                      | 64           | 53   | bc, v     | cv         | 5.5                                  |
| Colwyn Bay ...      | 1                    | 63           | 53   | bc        | bcd        | 5.3                                  | Ilfracombe ...        |                      | 63           | 52   | c, bc     | bc, c, b   | 4.5                                  |
| Llandudno ...       | -                    | 62           | 57   | o, c, o   | bc, o      | 3.0                                  | Weston-super-Mare ... |                      | 66           | 53   | b         | b, bc, c   | 9.5                                  |
| Aberystwyth ...     | -                    | 62           | 44   | bc        | bc, o      | 3.0                                  |                       |                      |              |      |           |            |                                      |
| Tenby ...           | -                    | 62           | 44   | bc        | bc, o      | 3.0                                  |                       |                      |              |      |           |            |                                      |
| England, E.         |                      |              |      |           |            |                                      |                       |                      |              |      |           |            |                                      |
| Cromer ...          | -                    | 60           | 52   | c, bc     | bc         | 9.3                                  |                       |                      |              |      |           |            |                                      |
| Lowestoft ...       | -                    | 61           | 46   | bc, c, bc | b, bc      | 9.0                                  |                       |                      |              |      |           |            |                                      |
| Felixstowe ...      | 1                    | 64           | 48   | bc, c     | bc         | 7.4                                  |                       |                      |              |      |           |            |                                      |
| Walton-on-Naze ...  | -                    | 62           | 47   | b, bc     | bc, c      | 7.5                                  |                       |                      |              |      |           |            |                                      |
| Southend-on-Sea ... | -                    | 63           | 50   | b, bc     | c, bc, c   | 2.9                                  |                       |                      |              |      |           |            |                                      |

† to sunset.

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                   | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |      |                   | Rain-<br>fall. | WEATHER.       |                 |          |
|--|---------------------------|-------------------|---|--|------|-------------------|----------------|----------------|-----------------|----------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-day. |   | In Screen.   |      | Min. on<br>Grass. |                | Fore-<br>noon. | After-<br>noon. | Night.   |
|  |                           |                   |   | Max.   | Min. |                   |                |                |                 |          |
|  |                           |                   |   |  |      |                   |                |                |                 |          |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                   |   |  |      |                   |                |                |                 |          |
| Greenwich (Royal Obs.) ...   | %                         | %                 | Hr.                                     | ° F.   | ° F. | ° F.              | mm.            |                |                 |          |
| City (Bunhill Row) ...   | 61                        | 76                | 0.9                                     | 66   | 51   | 4.0               | 1              | 0              | 0               | c, c, kp |
| Westminster (St. James's Pk.)  | *                         | *                 | 1.0                                     | *  | *    | *                 | 1              | *              | *               | *        |
| Camden Sq. (Brit. Rainfall)  | 62                        | 76                | 1.7                                     | 64   | 52   | 5.0               | 0.4            | c              | c               | c, o, p  |
| Hampstead (Reservoir) ...  | 60                        | 72                | 1.4                                     | 65   | 51   | 4.8               | 0.3            | 0              | c               | *        |
| Richmond Park ...  | *                         | 80                | 1.5                                     | 63   | 50   | 4.0               | 0.3            | c              | 0               | o, p     |
| Kew. (See front page.)   | *                         | *                 | 3.0                                     | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |      |                   |                |                |                 |          |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                   |   | Total.   |      | Average Rate.     |                | Max. Rate.     |                 |          |
| S. Kensington (Roof of M.O.)   | 55                        | 72                | 1.6                                     | 931 Joules   |      | 19.0 Milliwatts.  |                | 71 Milliwatts. |                 |          |

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

| 1st & 2nd Sept., 1915. | Sunrise. | Noon.  | Sunset. |
|------------------------|----------|--------|---------|
| G.M.T.                 | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...           | 5.5      | 11.53  | 6.41    |
| Greenwich ...          | 5.7      | 11.53  | 6.39    |
| Wick ...               | 5.14     | 12.0   | 6.46    |
| Valencia ...           | 5.13     | 12.12  | 7.11    |
|                        | 5.15     | 12.12  | 7.09    |
|                        | 5.24     | 12.41  | 7.28    |
|                        | 5.26     | 12.41  | 7.26    |

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 65° in some parts of southern England, but remained below 60° in the north of the Kingdom. Rain fell very generally, 22 mm. at Leith, 25 mm. at Castlebay. Bright sunshine was more prevalent in the east and south-west than elsewhere.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 245

Thursday,  
2nd September 1915.

| DATE.            | STATIONS.                     | YESTERDAY EVENING.                    |              |        |                |          | THIS MORNING 7 A.M., G.M.T. |                          |              |                           |                 |                |                                 |          |             |                                     | PAST 24 HOURS. |      |           |            |            |        | Sun-<br>shine<br>for<br>Yester-<br>day. |
|------------------|-------------------------------|---------------------------------------|--------------|--------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|-----------------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|------|-----------|------------|------------|--------|---|
|                  |                               | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.  |                | Weather. | Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | WIND.<br>Direc. | Force<br>0-12. | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |      | WEATHER.  |            |            |        |   |
|                  |                               |                                       |              | Direc. | Force<br>0-12. |          |                             |                          |              |                           |                 |                |                                 |          |             |                                     | Max.           | Min. | Morning.  | Afternoon. | Night.     |        |   |
| BRITISH ISLANDS. |                               |                                       |              |        |                |          |                             |                          |              |                           |                 |                |                                 |          |             |                                     |                |      |           |            |            |        |   |
|                  | Lerwick ...                   | 1011.0                                | 49           | N      | 4              | C        | 1007.8                      | 0                        | 48           | +1                        | N               | 3              | N                               | bc       | 3           | 0.4                                 | 53             | 44   | cp        | c          | bc         | Hours. |   |
|                  | Deerness ...                  | 1011.5                                | 47           | N      | 4              | C        | 1005.1                      | 0                        | 47           | 0                         | NNW             | 4              | -                               | cqpr     | 3           | 2                                   | 54             | 44   | o         | op.c       | cqpr.c     | 1.6    |   |
|                  | Stornoway ...                 | 1014.2                                | 47           | N      | 5              | 0        | 1011.7                      | -1                       | 48           | -4                        | NNE             | 3              | -                               | c        | 3           | 0.4                                 | 54             | 42   | o.cq      | q          | cdp        | 2.4    |   |
|                  | Castlebay (Barra Isd.) ...    | 1014.2                                | 51           | N      | 4              | bc       | 1011.7                      | -1                       | 48           | -3                        | N               | 2              | -                               | bc       | 2           | -                                   | 55             | 47   | o.bc      | bc.o.bc    | bcp.bc     | 2.1    |   |
|                  | Glasgow ...                   | 1016.3                                | 52           | NE     | 1              | 0        | 1010.4                      | -1                       | 44           | -7                        | NW              | 1              | N                               | bc       | 1           | 1                                   | 54             | 39   | o.o       | odp.o      | op.bca     | 0.2    |   |
|                  | Eskdalemuir ...               | 1008.9                                | 46           | NNE    | 5              | 0        | 1009.0                      | 0                        | 45           | -5                        | N               | 2              | E                               | bco      | 2           | 2                                   | 53             | 40   | bc.op     | or.o       | o.c.o      | 2.2    |   |
|                  | Malin Head ...                | 1012.3                                | 52           | NNE    | 6              | cqpr     | 1011.1                      | -1                       | 50           | -2                        | NE              | 3              | N                               | bcp      | 5           | 1                                   | 53             | 47   | bcp       | cqpr       | bcp        | 3.1    |   |
|                  | Blacksod Point ...            | 1013.9                                | 55           | NNE    | 8              | cqpr     | 1013.7                      | -2                       | 48           | -4                        | NNE             | 3              | NE                              | bcp      | 3           | 5                                   | 59             | 45   | cqpr      | cqpr       | cm.bcp     | *      |   |
|                  | Valencia ...                  | 1013.1                                | 58           | NW     | 6              | b        | 1015.0                      | 0                        | 50           | -7                        | -               | 0              | NW                              | c        | 4           | 3                                   | 62             | 50   | cp        | bc         | bc.c.p.c   | 8.8    |   |
|                  | Roche's Point ...             | 1010.2                                | 58           | NW     | 4              | c        | 1014.0                      | 0                        | 51           | -4                        | NW              | 3              | N                               | c        | 2           | 3                                   | 63             | 50   | c.op.c    | bc.cqpr    | cg.c       | *      |   |
|                  | Birr Castle ...               | 1010.8                                | 55           | NW     | 1              | c        | 1012.9                      | 0                        | 45           | -5                        | NW              | 1              | NW                              | bc       | 3           | 3                                   | 62             | 41   | cp        | cp         | cp.bc      | 4.7    |   |
|                  | Donaghadee ...                | 1009.6                                | 63           | NNE    | 5              | omg      | 1010.0                      | 0                        | 47           | -3                        | NW              | 3              | NW                              | cp       | 3           | 3                                   | 57             | 47   | bomp      | omg        | cg.mqpr    | *      |   |
|                  | Liverpool (Bidston) ...       | 1006.5                                | 54           | WNW    | 3              | b        | 1008.2                      | 0                        | 48           | -3                        | NNE             | 2              | N                               | bc       | 2           | 3                                   | 59             | 47   | opt       | bc         | c.o        | 2.5    |   |
|                  | Holyhead ...                  | 1007.7                                | 57           | NW     | 5              | bc       | 1009.2                      | 0                        | 52           | -3                        | N               | 5              | N                               | cp       | 5           | 8                                   | 60             | 49   | c.op.c    | c.bc       | op.c.p.c   | 7.3    |   |
|                  | Pembroke (St. Ann's) ...      | 1008.2                                | 56           | NNW    | 2              | c        | 1009.5                      | +2                       | 50           | -7                        | N               | 4              | N                               | cqpr     | 4           | 4                                   | 61             | 49   | cqpr      | bc         | c          | 7.4    |   |
|                  | Scilly (St. Mary's) ...       | 1007.7                                | 58           | WNW    | 5              | cqpr     | 1009.9                      | 0                        | 54           | -3                        | NNW             | 5              | NW                              | cqpr     | 6           | 11                                  | 64             | 49   | cqpr      | cqpr       | cqpr       | 7.3    |   |
|                  | Falmouth ...                  | 1007.6                                | 59           | WSW    | 4              | bcm      | 1008.6                      | -2                       | 54           | -1                        | N               | 5              | -                               | c        | 4           | 4                                   | 65             | 51   | cp        | bc.c.bc    | cp         | 8.7    |   |
|                  | Jersey (St. Aubin) ...        | 1010.3                                | 61           | W      | 3              | b        | 1006.2                      | 0                        | 55           | -4                        | NW              | 2              | NW                              | b        | 3           | 23                                  | 63             | 53   | opt.c     | c.b        | b.or.b     | 4.9    |   |
|                  | Portland Bill ...             | 1007.3                                | 60           | W      | 5              | bc       | 1005.7                      | -1                       | 51           | -7                        | N               | 4              | NW                              | c        | 3           | 1                                   | 61             | 51   | cp        | bcp        | bc.c       | *      |   |
|                  | Dunegness ...                 | 1007.7                                | 58           | WSW    | 4              | c        | 1003.8                      | 0                        | 48           | -11                       | NNW             | 3              | -                               | om       | 3           | 14                                  | 61             | 43   | bc, bc    | bcp.bc     | b.bc.rm    | *      |   |
|                  | Dover ...                     | 1006.8                                | 54           | SW     | 4              | bc       | 1003.8                      | 0                        | 51           | -7                        | NW              | 4              | NW                              | c        | 2           | 17                                  | 59             | 46   | op.c.or   | bc.or.c    | b.c        | 0.7    |   |
|                  | Wick ...                      | 1011.8                                | 48           | NE     | 4              | 0        | 1009.4                      | -1                       | 46           | -3                        | NW              | 3              | -                               | bc       | 3           | 0.4                                 | 53             | 43   | omg       | omg        | o.c.bc     | *      |   |
|                  | Nairn ...                     | 1012.4                                | 50           | ESE    | 3              | od       | 1010.1                      | 0                        | 46           | -5                        | N               | 1              | -                               | cg       | 2           | 1                                   | 53             | 44   | cg        | ogp        | up.r.c     | 0.4    |   |
|                  | Aberdeen ...                  | 1010.3                                | 50           | NNW    | 2              | c        | 1008.2                      | 0                        | 48           | -4                        | NW              | 4              | -                               | bc       | 3           | Trace                               | 56             | 42   | o.c       | c.bc       | bcp        | 0.5    |   |
|                  | Leith ...                     | 1009.6                                | 53           | NE     | 2              | 0        | 1009.1                      | 0                        | 47           | -5                        | WNW             | 2              | N                               | c        | 3           | 17                                  | 54             | 46   | r         | r.o        | o.c        | *      |   |
|                  | Tynemouth ...                 | 1006.7                                | 51           | NE     | 3              | omr      | 1007.0                      | 0                        | 48           | -3                        | NNW             | 3              | N                               | cp       | 5           | 5                                   | 60             | 46   | bcm       | bcm        | cp         | *      |   |
|                  | Spurn Head ...                | 1004.9                                | 60           | N      | 3              | bc       | 1004.5                      | +1                       | ?            | ?                         | N               | 6              | -                               | cqpr     | 5           | 15                                  | 63             | 52   | cqpr      | bc         | org        | 4.1    |   |
|                  | Yarmouth ...                  | 1006.0                                | 58           | S      | 2              | c        | 1001.5                      | +1                       | 51           | -4                        | N               | 3              | N                               | c        | 2           | 8                                   | 65             | 48   | bcp       | bcp        | b.ctr      | 3.4    |   |
|                  | Clacton-on-Sea ...            | 1006.2                                | 57           | WNW    | 5              | 0        | 1003.7                      | 0                        | 51           | -5                        | NW              | 2              | N                               | bc       | 1           | 1                                   | 62             | 47   | o.c.bc    | bc.c.ou    | oup.al     | 2.8    |   |
|                  | Nottingham ...                | 1005.8                                | 51           | NW     | 1              | 0        | 1005.5                      | 0                        | 50           | -4                        | NNW             | 3              | N                               | c        | 3           | 3                                   | 62             | 48   | atlp      | cp.o       | o.c.b      | 2.7    |   |
|                  | Bath ...                      | 1007.3                                | 57           | W      | 1              | r        | 1007.2                      | 0                        | 50           | -5                        | N               | ?              | -                               | m        | 3           | 7                                   | 64             | 44   | r.o.c.bc  | b.ctr      | r.o.c.bm   | 4.3    |   |
|                  | Sth Farnborough ...           | 1007.3                                | 53           | NW     | 3              | r        | 1005.4                      | +1                       | 48           | -8                        | NW              | 1              | -                               | om       | 3           | 3                                   | 66             | 42   | cp        | bc         | b.o        | 3.9    |   |
|                  | London (Kew Obsy.) ...        | 1007.0                                | 55           | N      | 2              | our      | 1005.5                      | +1                       | 50           | -7                        | WNW             | 1              | -                               | o        | 3           | 1                                   | 64             | 46   | c.ou.p.ou | o.ou.our   | our.b.c.bm | 4.3    |   |
|                  | Spitsbergen ...               | 1026.4                                | 32           | NW     | 4              | c        | 1023.4                      | 0                        | 34           | +2                        | SSE             | 5              | -                               | f        | 3           | *                                   | 36             | 27   |           |            |            |        |   |
|                  | Vardö ...                     | 1018.1                                | 46           | NE     | 3              | r        | 1014.1                      | 0                        | 46           | -2                        | NNE             | 5              | -                               | r        | 3           | *                                   | 48             | 41   |           |            |            |        |   |
|                  | Bodö ...                      | 1004.8                                | 50           | E      | 1              | c        | 1002.6                      | -1                       | 52           | +4                        | NNE             | 2              | NE                              | b        | 2           | -                                   | 52             | 48   |           |            |            |        |   |
|                  | Christiansund ...             | 1003.8                                | 48           | NE     | 2              | r        | 1000.3                      | 0                        | 50           | +2                        | -               | 0              | -                               | o        | 2           | 23                                  | 50             | 46   |           |            |            |        |   |
|                  | Skudesnaes ...                | 1010.1                                | 50           | N      | 3              | b        | 999.9                       | 0                        | 52           | +2                        | N               | 2              | -                               | b        | 1           | -                                   | 55             | 45   |           |            |            |        |   |
|                  | Færder (X'iania Fjord) ...    | 1004.6                                | 57           | SW     | 2              | b        | 998.0                       | 0                        | 52           | 0                         | NE              | 2              | -                               | b        | 1           | Trace                               | 59             | 46   |           |            |            |        |   |
|                  | The Scaw (Skagen) ...         | 1001.6                                | 54           | WSW    | 2              | b        | 998.3                       | +1                       | 55           | -2                        | SW              | 2              | -                               | b        | 2           | -                                   | 61             | 46   |           |            |            |        |   |
|                  | Blaavands Huk ...             | 1004.7                                | 54           | SSE    | 1              | o        | 999.7                       | 0                        | 52           | -3                        | -               | 0              | -                               | o        | 2           | 1                                   | 59             | 46   |           |            |            |        |   |
|                  | Haparanda ...                 |                                       |              |        |                |          |                             |                          |              |                           |                 |                |                                 | *        |             |                                     |                |      |           |            |            |        |   |
|                  | Hernösand ...                 |                                       |              |        |                |          |                             |                          |              |                           |                 |                |                                 | *        |             |                                     |                |      |           |            |            |        |   |
|                  | Stockholm ...                 |                                       |              |        |                |          |                             |                          |              |                           |                 |                |                                 | *        |             |                                     |                |      |           |            |            |        |   |
|                  | Wisby ...                     |                                       |              |        |                |          |                             |                          |              |                           |                 |                |                                 | *        |             |                                     |                |      |           |            |            |        |   |
|                  | Karlstad ...                  |                                       |              |        |                |          |                             |                          |              |                           |                 |                |                                 | *        |             |                                     |                |      |           |            |            |        |   |
|                  | Petrograd (5 a.m. G.M.T.) ... |                                       |              |        |                |          |                             |                          |              |                           |                 |                |                                 | *        |             |                                     |                |      |           |            |            |        |   |
|                  | The Helder ...                | 1004.8                                | 52           | S      | 1              | r        | 1000.2                      | -1                       | 52           | -2                        | S               | 3              | SW                              | thr      | 2           | 24                                  | 59             | 50   |           |            |            |        |   |
|                  | C. Gris Nez ...               | 1007.0                                | 58           | SW     | 6              | c        | 1003.0                      | 0                        | 53           | -7                        | NNW             | 3              | -                               | o        | 3           | 5                                   | 61             | 52   |           |            |            |        |   |
|                  | La Hève ...                   | 1008.3                                | 59           | SW     | 4              | c        | 1002.9                      | 0                        | 59           | 0                         | NW              | 2              | -                               | r        | 2           | 15                                  | 61             | 55   |           |            |            |        |   |
|                  | Ushant ...                    | 1012.3                                | 61           | WNW    | 5              | c        | 1010.0                      | 0                        | 56           | -3                        | N               | 5              | -                               | c        | 4           | 4                                   | 64             | 52   |           |            |            |        |   |
|                  | Brest (St. Mathieu) ...       | 1012.0                                | 64           | W      | 4              | bc       | 1009.9                      | 0                        | 55           | -6                        | NNW             | 5              | -                               | c        | 4           | 2                                   | 68             | 54   |           |            |            |        |   |
|                  | Rochefort (Ile d'Aix) ...     | 1015.7                                | 63           | W      | 4              | c        | 1008.8                      | 0                        | 62           | +5                        | WNW             | 5              | -                               | c        | 3           | 2                                   | 73             | 54   |           |            |            |        |   |
|                  | Biarritz ...                  |                                       |              |        |                |          |                             |                          |              |                           |                 |                |                                 | *        |             |                                     |                |      |           |            |            |        |   |
|                  | Paris ...                     | 1010.7                                | 61           | SW     | 2              | o        | 1005.2                      | -2                       | 55           | +5                        | SSW             | 2              | -                               | o        | 3           | -                                   | 70             | 50   |           |            |            |        |   |
|                  | Belfort ...                   | 1025.9                                | 58           | -      | 0              | b        | 1010.6                      | 0                        | 52           | +9                        | WSW             | 2              | -                               | m        | 3           | -                                   | 67             | 47   |           |            |            |        |   |
|                  | Lyons ...                     | 1014.7                                | 62           | E      | 1              | c        | 1010.6                      | 0                        | 53           | 0                         | ESE             | 1              | -                               | f        | 3           | -                                   | 72             | 57   |           |            |            |        |   |
|                  | Nice ...                      | 1013.1                                | 64           | -      | 0              | bc       | 1009.1                      | 0                        | 66           | +7                        | -               | 0              | -                               | c        | 2           | -                                   | 77             | 59   |           |            |            |        |   |
|                  | Perpignan ...                 | 1014.4                                | 70           | NW     | 3              | o        | 1011.9                      | 0                        | 64           | -2                        | NE              | 2              | SW                              | bc       | 3           | -                                   | 75             | 61   |           |            |            |        |   |
|                  | Sanguinaire ...               |                                       |              |        |                |          |                             |                          |              |                           |                 |                |                                 | *        |             |                                     |                |      |           |            |            |        |   |
|                  | Corunna (7 a.m.) ...          | 1022.1                                | 64           | NNW    | 4              | b        | 1020.4                      | +1                       | 64           | -2                        | W               | 3              | -                               | c        | 1           | 1                                   | 66             | 59   |           |            |            |        |   |
|                  | Madrid (8 a.m.) ...           |                                       |              |        |                |          |                             |                          |              |                           |                 |                |                                 | *        |             |                                     |                |      |           |            |            |        |   |
|                  | Lisbon (9 a.m.) ...           | 1022.0                                | 70           | NNW    | 4              | b        | 1020.7                      | 0                        | 64           | 0                         | N               | 2              | -                               | o        | 2           | -                                   | 75             | 63   |           |            |            |        |   |
|                  | Gibraltar ...                 | 1018.9                                | 73           | W      | 4              | b        | 1018.3                      | 0                        | 69           | -1                        | W               | 5              | -                               | b        | 3           | -                                   | 85             | 68   |           |            |            |        |   |
|                  | Rome ...                      |                                       |              |        |                |          |                             |                          |              |                           |                 |                |                                 | *        |             |                                     |                |      |           |            |            |        |   |
|                  | Malta (8 a.m.) ...            |                                       |              |        |                |          | 1012.7                      | 0                        | 77           | +4                        | ENE             | 1              | -                               | c        | 1           | -                                   | 82             | 72   |           |            |            |        |   |
|                  | Azores (Horta, 8 a.m.) ...    | 1018.7                                | *            | ENE    | 5              | r        | 1023.1                      | +2                       | 70           | 0                         | -               | 0              | -                               | o        | 3           | 31                                  | 72             | 68   |           |            |            |        |   |
|                  | Madeira (Funchal) ...         | 1021.3                                | 77           | ESE    | 2              | b        | 1021.9                      | 0                        | 72           | +2                        | N               | 2              | -                               | b        | 2           | -                                   | 84             | 70   |           |            |            |        |   |

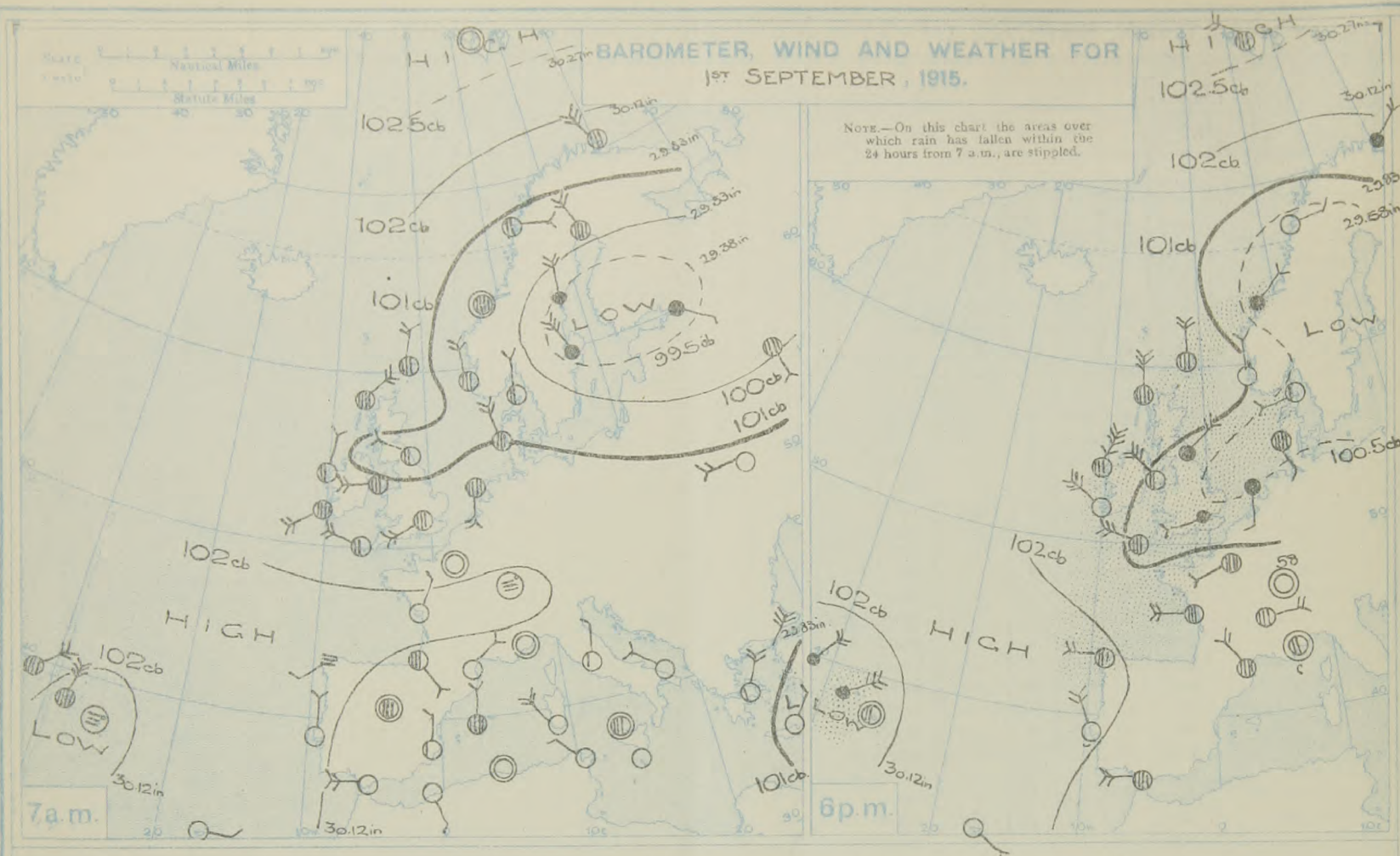
GALES.  
Duration and Extremes Force  
in British Islands.

Blacksod Point  
1st 10 a.m. - 7 p.m. NNE 8.

South Farnborough.  
Pilot Balloon Ascent at about 7 a.m.  
500 metres N 27 mph.

Aberdeen  
Surface NW 13 mph.  
500 metres N by W 27 mph.  
1000 metres N 23 mph.





**FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Cone. North Cone.

Signals hoisted this morning.

South Cone. North Cone.

**No Warnings Issued.**

Western Channel and Bay 11

**FURTHER OUTLOOK.**

R. G. K. LEMPFERT, Superintendent, Forecast Division

W. NAPIER SHAW, Director

Wind mainly Northerly, light or moderate,

fresh at times locally; , sky variable, some

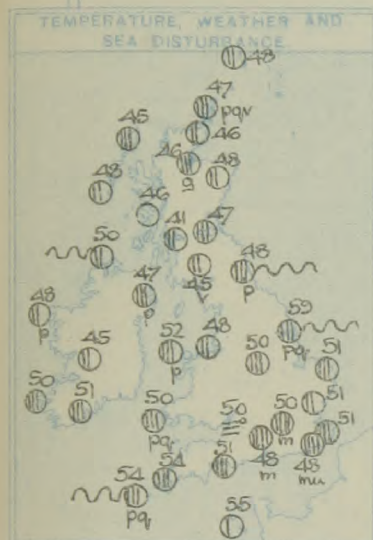
showers; temperature low.

Northerly and North-Westerly winds, moderate or fresh; sea moderate; changeable, some showers.



GENERAL INFERENCE.

Slight irregularities in barometric pressure over these Islands will be accompanied by further showers.



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.

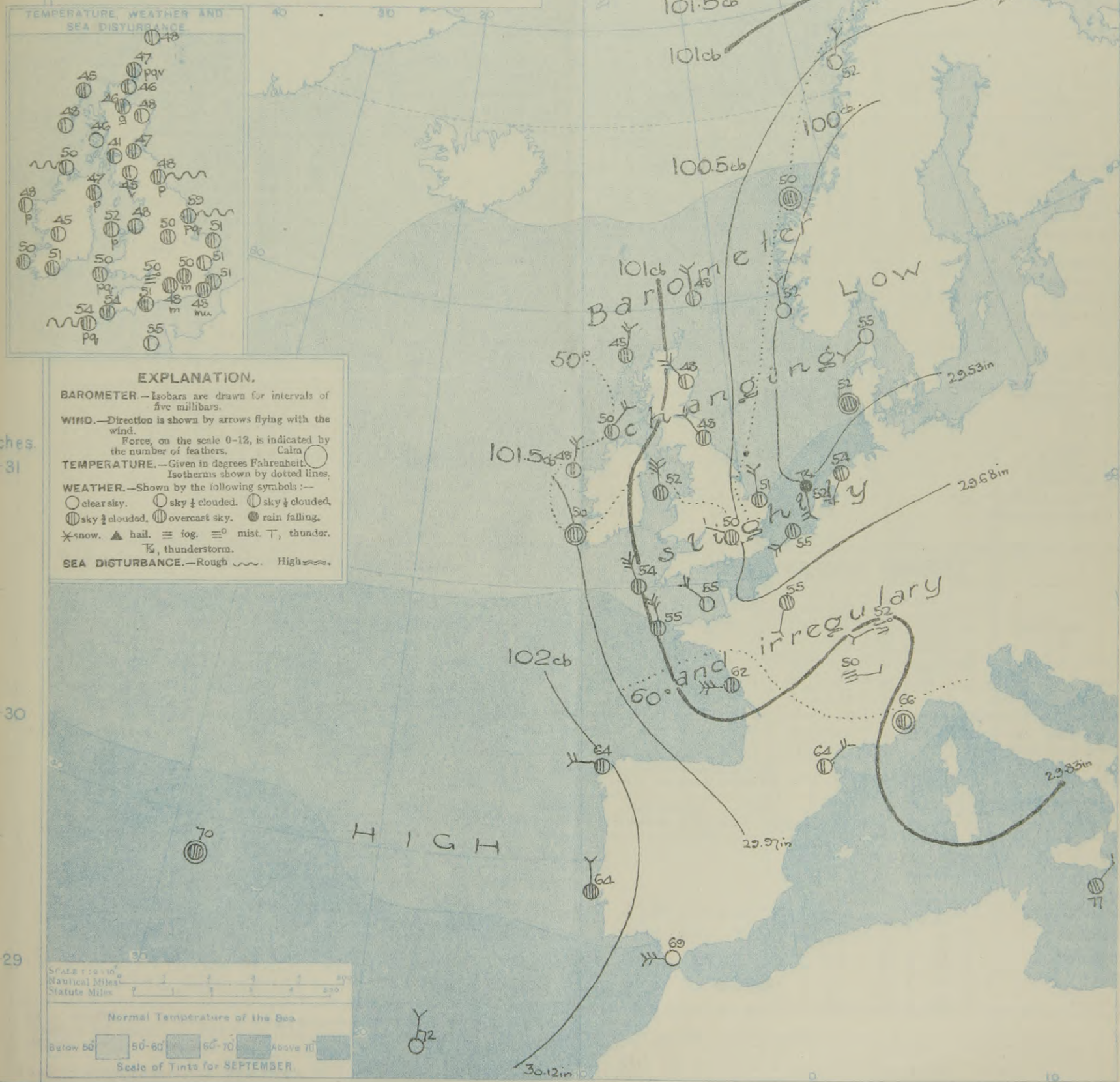
**TEMPERATURE.**—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
 ○ sky 1/2 clouded. ○ overcast sky. ○ rain falling.  
 \* snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.  
 ☼, thunderstorm.

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





## DAILY WEATHER REPORT.

Thursday, 2nd September, 1915.

REPORTS  
FOR  
YESTERDAY.

1st September

| STATIONS. | EVENING OBSERVATIONS.                 |              |       |                | OBSERVATIONS AT 7 A.M., G.M.T. |                             |                          |                     |                                  |       |                |                               |          |             |
|-----------|---------------------------------------|--------------|-------|----------------|--------------------------------|-----------------------------|--------------------------|---------------------|----------------------------------|-------|----------------|-------------------------------|----------|-------------|
|           | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND. |                | Weather.                       | Barometer.                  |                          | TEMP.               |                                  | WIND. |                | Dir.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. |
|           |                                       |              | Dir.  | Force<br>0-12. |                                | Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | Dry<br>Bulb.<br>°F. | Change<br>in 24<br>hours.<br>°F. | Dir.  | Force<br>0-12. |                               |          |             |
| Petrograd | 997.3                                 | 66           | SE    | 4              | a                              | 997.6                       | -3                       | 59                  | 0                                | 3     | 4              | -                             | r        | *           |
| Rome      | 1012.4                                | 75           | N     | 1              | b                              | 1014.0                      | +2                       | 68                  |                                  | 1     | 1              | -                             | b        | *           |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm.† | TEMPERATURE. |      | WEATHER.   |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm.† | TEMPERATURE. |      | WEATHER.   |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|---------------------|-------------------|--------------|------|------------|------------|--------------------------------------|-----------------------|-------------------|--------------|------|------------|------------|--------------------------------------|
|                     |                   | Max.         | Min. | Forenoon.  | Afternoon. |                                      |                       |                   | Max.         | Min. | Forenoon.  | Afternoon. |                                      |
|                     |                   | °F.          | °F.  |            |            |                                      |                       |                   | °F.          | °F.  |            |            |                                      |
| Scotland.           |                   |              |      |            |            |                                      | Tunbridge Wells ...   | 19                | 63           | 50   | b. or      | o. c.      | 1.4                                  |
| Banff ...           | 1                 | 53           | 49   | o. c.      | c. bc. p.  | 1.0                                  | Margate ...           | 9                 | 61           | 53   | or         | or         | 0.4                                  |
| Carnoustie ...      | 11                | 56           | 48   | r. o. c.   | bc         | 1.6                                  | Ramsgate ...          | 9                 | 61           | 50   | r          | or         | 0.0                                  |
| St. Andrews ...     | 15                | 55           | 49   | *          | *          | 0.1                                  | Hastings ...          | 17                | 62           | 53   | or         | bc. o.     | 1.7                                  |
| England, N.E.       |                   |              |      |            |            |                                      | Bexhill-on-Sea ...    | 13                | 62           | 55   | or. c.     | cor        | 2.0                                  |
| Harrogate ...       | 9                 | 60           | 50   | bc. cp. c. | bc. o. c.  | 5.3                                  | Eastbourne ...        | 14                | 62           | 55   | rv. bc. p. | p. b. bc.  | 2.5                                  |
| Skegness ...        | 10                | 61           | 52   | r. o. c.   | t. op. o.  | 1.3                                  | Seaford ...           | 10                | 62           | 54   | r          | or. c.     | 2.9                                  |
| England, N.W.       |                   |              |      |            |            |                                      | Brighton ...          | 18                | 65           | 56   | or         | or. o.     | 3.5                                  |
| Morecambe ...       | 1                 | 61           | 52   | bc. b.     | b. bc.     | 8.0                                  | Worthing ...          | 29                | 65           | 53   | r. bc.     | bc. or.    | 3.7                                  |
| Blackpool ...       | 18                | 61           | 53   | c. bc.     | b. bc. b.  | 8.0                                  | Littlehampton ...     | 7                 | 64           | 54   | o. bc.     | o. bc.     | 3.7                                  |
| Southport ...       | 7                 | 59           | 52   | bc. o. bc. | bc. c. bc. | 8.8                                  | Bognor ...            | 8                 | 65           | 55   | r. bc.     | p. c.      | 3.7                                  |
| Midlands.           |                   |              |      |            |            |                                      | Southsea ...          | 10                | 66           | 57   | b. bc.     | or         | 3.5                                  |
| Buxton ...          | 8                 | 56           | 49   | or         | or         | 3.1                                  | Bournemouth ...       | 17                | 65           | 54   | bc. th.    | c          | 5.3                                  |
| Leamington Spa ...  | 5                 | 62           | 53   | bc         | cp         | 5.2                                  | England, S.E.         |                   |              |      |            |            |                                      |
| Malvern ...         | ?                 | 64           | 49   | b. bc. o.  | b. bc. o.  | ?                                    | Weymouth ...          | 8                 | 67           | 52   | pc         | cp. c.     | 5.8                                  |
| Ross-on-Wye ...     | 3                 | 65           | 61   | c. bc. c.  | o. tr.     | 4.3                                  | Torquay ...           | 6                 | 64           | 55   | bc. c. bc. | bc. c. b.  | 9.3                                  |
| Wales.              |                   |              |      |            |            |                                      | Paignton ...          |                   |              |      |            |            |                                      |
| Rhyl ...            | 7                 | 60           | 50   | r. o.      | bc. c. bc. | 3.6                                  | Falmouth ...          | 5                 | 65           | 52   | cp         | bc. c. bc. | 8.5                                  |
| Colwyn Bay ...      | 9                 | 57           | 50   | cp         | bc. p.     | 2.5                                  | Penzance ...          | 4                 | 66           | 53   | bc. p.     | bc. p.     | 7.8                                  |
| Llandudno ...       |                   |              |      |            |            |                                      | Newquay ...           | 4                 | 63           | 54   | op. bc.    | bc. b.     | 7.0                                  |
| Aberystwyth ...     | 3                 | 60           | 55   | r. o. c.   | c. bc.     | 4.5                                  | Ilfracombe ...        | 4                 | 61           | 52   | cp. c.     | bc. c.     | 5.5                                  |
| Tenby ...           | 5                 | 63           | 49   | bc         | bc. op.    | 7.5                                  | Weston-super-Mare ... | 24                | 63           | 53   | r. bc.     | b. v. c.   | 4.5                                  |
| England, E.         |                   |              |      |            |            |                                      |                       |                   |              |      |            |            |                                      |
| Cromer ...          | 2                 | 62           | 50   | or. d. c.  | d. c.      | 2.7                                  |                       |                   |              |      |            |            |                                      |
| Lowestoft ...       | 1                 | 66           | 51   | op. c.     | cp. t. l.  | 3.1                                  |                       |                   |              |      |            |            |                                      |
| Felixstowe ...      | 8                 | 64           | 54   | bc. c.     | o. tr.     | 5.8                                  |                       |                   |              |      |            |            |                                      |
| Walton-on-Naze ...  | 1                 | 61           | 53   | cp. bc.    | c. bc. or. | 2.7                                  |                       |                   |              |      |            |            |                                      |
| Southend-on-Sea ... | 1                 | 64           | 50   | r. c. bc.  | bc. c.     | 1.1                                  |                       |                   |              |      |            |            |                                      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day.<br>Hr. | TEMPERATURE. |                   |                   | Rain-<br>fall.<br>mm.† | WEATHER.       |                 |            |
|--|---------------------------|-----------------------|--|--------------|-------------------|-------------------|------------------------|----------------|-----------------|------------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |  | In Screen.   | Min. on<br>Grass. | Min. on<br>Grass. |                        | Fore-<br>noon. | After-<br>noon. | Night.     |
|  | %                         | %                     |  | Max.         | Min.              | Min. on<br>Grass. |                        |                |                 |            |
| Greenwich (Royal Obs.) ...   | 63                        | 79                    | 3.9  | 68           | 45                | 37                | 2                      | bc             | bc. op          | op. bc. o. |
| City (Rushmill Row) ...  | *                         | *                     | 3.6  | *            | *                 | *                 | *                      | *              | *               | *          |
| Westminster (St. James's Pk.)  | 65                        | 80                    | 4.6  | 65           | 46                | 46                | 2                      | o. bc.         | o. bc. op       | op. o.     |
| Camden Sq. (Brit. Rainfall)  | 57                        | 78                    | 4.6  | 69           | 45                | 44                | 2                      | o. c.          | c. or           | *          |
| Hampstead (Reservoir) ...  | *                         | 84                    | 5.1  | 66           | 43                | 34                | 1                      | bc             | op. c.          | o.         |
| Richmond Park ...  | *                         | *                     | 4.4  |              |                   |                   |                        |                |                 |            |
| Kew. (See front page.)   |                           |                       |  |              |                   |                   |                        |                |                 |            |
| VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                           |                       |  |              |                   |                   |                        |                |                 |            |
|  |                           |                       |  | Total.       |                   | Average Rate.     |                        | Max. Rate.     |                 |            |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.)       |                           |                       |  | 1085 Joules  |                   | 22.3 Milliwatts.  |                        | 67 Milliwatts. |                 |            |
| S. Kensington (Roof of M.O.)   | 59                        | 76                    | 4.6  |              |                   |                   |                        |                |                 |            |

## Additional Observations for Yesterday.

| STATIONS.                                   | Rain-<br>fall.<br>mm.† | TEMPERATURE. |                            | WEATHER. |                |                 | Sun-<br>shine<br>for<br>Yester-<br>day.<br>Hr. |
|---|------------------------|--------------|----------------------------|----------|----------------|-----------------|--|
|   |                        | In Screen.   | Night<br>Min. on<br>Grass. | Night.   | Fore-<br>noon. | After-<br>noon. |  |
|   |                        | Max.         | Min.                       |          |                |                 |  |
| Dublin to 4 p.m.                            | 2                      | 60           | 51                         | 47       | bc             | cp              | 4.6  |
| Darwen to 9 p.m.                            | 16                     | 59           | 49                         | 49       | or             | o. bc.          | 5.6  |
| Manchester "                                | 20                     | 61           | 51                         | *        | or             | or. o. c.       | 2.9  |
| Birmingham "                                | 3                      | 61           | 50                         | 48       | o. c.          | c. b. bc.       | 4.8  |
| Oxford to 8 p.m.                            | *                      |              |                            |          |                |                 | *  |
| Teignmouth to 9 "                           | 5                      | 66           | 55                         | 52       | bc. p.         | bc              | 8.7  |
| Plymouth "                                  |                        |              |                            |          |                |                 |  |
| S. Kensington<br>(Museum Grounds to 6 p.m.) | 1                      | 66           | 53                         | 49       | c. op. c.      | bc. o.          | *  |

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

| 2nd Sept. 1915. | Sunrise, Noon, Sunset. |        |        |
|-----------------|------------------------|--------|--------|
|                 | G.M.T.                 | G.M.T. | G.M.T. |
| Yarmouth ...    | 5.7                    | 11.53  | 6.29   |
| Greenwich ...   | 5.8                    | 11.52  | 6.27   |
| Wick ...        | 5.15                   | 12.0   | 6.44   |
| Valencia ...    | 5.6                    | 12.41  | 7.26   |

## NOTES ON YESTERDAY'S WEATHER.

Temperature failed to reach 65° over the greater part of the Kingdom, and except in the south-west and north-west there was little bright sunshine. Showers or steady rain fell very generally, and in many parts of England and at Dublin thunderstorms were experienced.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 246

Friday  
3rd September 1915.

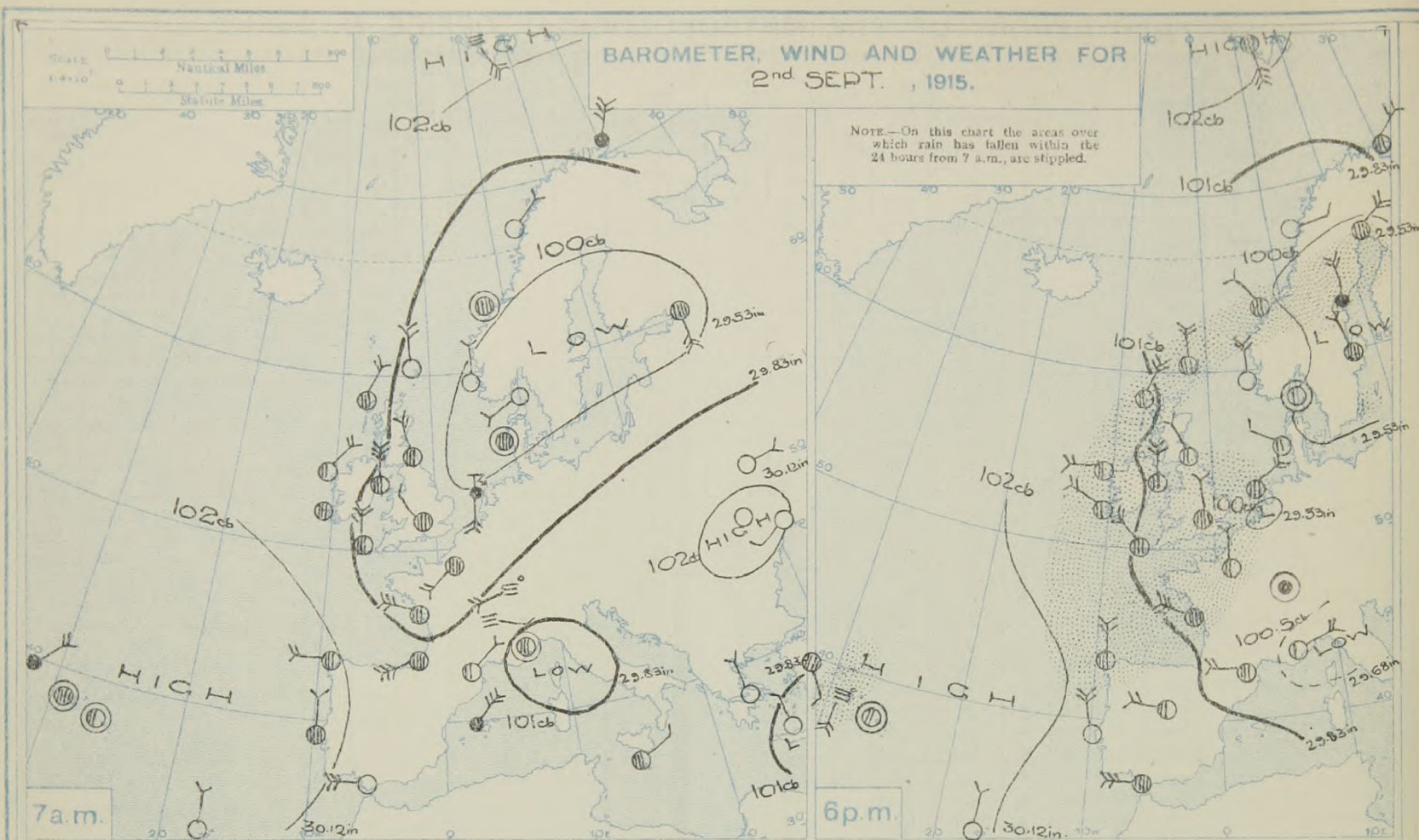
| DATE               | STATIONS.              | YESTERDAY EVENING.                    |              |        |                |          | THIS MORNING 7 A.M., G.M.T. |                           |              |                           |        |                |                                 |          |             |                                     | PAST 24 HOURS. |          |           |            |             | Sun-<br>shine<br>for<br>Yester-<br>day. |
|--------------------|------------------------|---------------------------------------|--------------|--------|----------------|----------|-----------------------------|---------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|----------|-----------|------------|-------------|---|
|                    |                        | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.  |                | Weather. | Milli-<br>bars at<br>M.S.L. | Change<br>in 24<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |          | WEATHER.  |            |             |   |
|                    |                        |                                       |              | Direc. | Force<br>0-12. |          |                             |                           |              |                           | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.           | Min.     | Morning.  | Afternoon. | Night.      |   |
| BRITISH ISLANDS.   | Lerwick                | 1005.5                                | 48           | N      | 4              | c        | 1004.4                      | 0                         | 50           | -2                        | NW     | 2              | -                               | om       | 2           | 1                                   | 51             | 46       | bc, p     | c          | c, om       | Hours.                                  |
|                    | Deerness               | 1007.4                                | 49           | N      | 4              | bc       | 1007.1                      | 0                         | 47           | 0                         | WNW    | 4              | -                               | op       | 3           | 2                                   | 54             | 44       | cp, c     | c, bc      | cp, o       | 7.1                                     |
|                    | Stornoway              | 1010.4                                | 50           | NNE    | 4              | bc, p    | 1010.9                      | +1                        | 44           | -1                        | NW     | 3              | -                               | o        | 2           | 1                                   | 54             | 41       | bc, p     | bc, p      | bc, o       | 5.8                                     |
|                    | Castlebay (Barra Isd.) | 1010.0                                | 52           | NNW    | 3              | bc       | 1011.6                      | +1                        | 43           | 0                         | -      | 0              | NW                              | bc       | 1           | 0.3                                 | 54             | 45       | bc, p, bc | bc, p, bc  | bc, o       | 7.8                                     |
|                    | Glasgow                | 1008.2                                | 50           | N      | 1              | c        | 1011.1                      | +3                        | 39           | -2                        | SE     | 1              | -                               | m        | 1           | 1                                   | 58             | 38       | bc, c, op | o, c, opt  | c, b, m     | 4.9                                     |
|                    | Eskdalemuir            | 1007.5                                | 49           | -      | 0              | bc       | 1010.4                      | +2                        | 43           | -2                        | -      | 0              | -                               | b        | 1           | 1                                   | 54             | 35       | bc        | q, bc      | bc, b       | 4.9                                     |
|                    | Malin Head             | 1010.7                                | 51           | NE     | 3              | bc       | 1011.4                      | +2                        | 50           | 0                         | NNE    | 3              | -                               | bc       | 4           | 1                                   | 55             | 49       | bc, p     | bc         | bc, p       | 7.0                                     |
|                    | Blackrod Point         | 1011.0                                | 52           | W      | 3              | bc, p    | 1012.6                      | +3                        | 48           | 0                         | NNE    | 2              | NE                              | bc       | 3           | 6                                   | 57             | 44       | bc, p     | bc, p      | bc, p       | 7.0                                     |
|                    | Valencia               | 1011.4                                | 57           | NW     | 3              | bc       | 1012.0                      | +2                        | 48           | -2                        | -      | 0              | N                               | bc       | 3           | 2                                   | 59             | 45       | c, op     | c, o       | bc, p       | 4.5                                     |
|                    | Roche's Point          | 1010.9                                | 58           | NW     | 3              | bc       | 1011.8                      | 0                         | 48           | -3                        | N      | 2              | -                               | b        | 1           | 0.3                                 | 61             | 46       | c         | c, bc      | c, bc, p, b |   |
|                    | Birr Castle            | 1010.2                                | 53           | W      | 1              | c        | 1012.1                      | 0                         | 39           | -6                        | W      | 1              | -                               | f        | 1           | 4                                   | 59             | 37       | c         | chp        | f           | 7.8                                     |
|                    | Donaghadee             | 1008.2                                | 53           | N      | 5              | b        | 1009.5                      | +2                        | 51           | +4                        | NNE    | 3              | NE                              | bc, m    | 2           | Trace                               | 55             | 47       | bc, m     | b          | bc, m, f    |   |
|                    | Liverpool (Bidston)    | 1007.1                                | 54           | NW     | 2              | bc       | 1008.9                      | +2                        | 49           | +1                        | NNW    | 1              | -                               | b        | 1           | 1                                   | 56             | 46       | bc, b     | b          | p, c, b     | 8.9                                     |
|                    | Holyhead               | 1008.2                                | 55           | N      | 4              | bc       | 1009.4                      | +2                        | 49           | -3                        | NE     | 4              | NE                              | op       | 3           | 2                                   | 58             | 46       | c, o, cp  | c, bc      | b, p, bc    | 9.0                                     |
|                    | Pembroke (St. Ann's)   | 1008.6                                | 51           | N      | 1              | bc       | 1008.8                      | 0                         | 47           | -3                        | NE     | 2              | -                               | b        | 1           | 3                                   | 56             | 46       | cp, p     | bc, p      | bc          | 7.1                                     |
|                    | Scilly (St. Mary's)    | 1009.3                                | 55           | NW     | 4              | c        | 1008.0                      | +1                        | 50           | -4                        | N      | 2              | N                               | egg      | 4           | 1                                   | 60             | 47       | eg        | bc         | bc, c, p, l | 7.1                                     |
|                    | Falmouth               | 1008.6                                | 52           | NNW    | 1              | b        | 1007.8                      | +2                        | 46           | -8                        | NNW    | 1              | -                               | b        | 2           | 8                                   | 57             | 43       | c, r, p   | cp, c, bc  | bc, w       | 4.8                                     |
|                    | Jersey (St. Aubin)     | 1006.6                                | 53           | NNW    | 3              | o        | 1005.9                      | 0                         | 49           | -6                        | N      | 3              | -                               | or       | 3           | 7                                   | 60             | 47       | c, op, bc | ct, op     | b, t, l, r  | 4.3                                     |
|                    | Portland Bill          | 1006.4                                | 53           | NW     | 3              | bc       | 1006.1                      | +1                        | 49           | -2                        | NNE    | 4              | NE                              | bc       | 2           | 0.3                                 | 59             | 48       | c, o      | ac, p, l   | bc          |   |
|                    | Dungeness              | 1003.8                                | 52           | W      | 3              | f        | 1004.0                      | 0                         | 45           | -3                        | N      | 3              | -                               | bc       | 2           | 5                                   | 58             | 43       | om, bc, p | b, p, bc   | bc, l       |   |
|                    | Dover                  | 1004.8                                | 52           | NW     | 3              | c        | 1003.7                      | 0                         | 51           | 0                         | NW     | 4              | NW                              | bc       | 2           | 1                                   | 61             | 45       | c, bc, c  | c, op, c   | c, or, c    | 3.0                                     |
|                    | Wick                   | 1007.9                                | 50           | N      | 4              | c        | 1008.6                      | +1                        | 46           | 0                         | NW     | 2              | NW                              | o        | 2           | 5                                   | 52             | 37       | bc, om, r | op, c      | bc, om, p   |   |
|                    | Nairn                  | 1008.4                                | 50           | NE     | 1              | cu       | 1010.2                      | 0                         | 43           | -3                        | WNW    | 1              | -                               | c        | 2           | 3                                   | 56             | 38       | cp, r, bc | bc, r, c   | p, r, cu    | 3.2                                     |
|                    | Aberdeen               | 1007.4                                | 50           | NNW    | 2              | bc       | 1009.5                      | +1                        | 45           | -3                        | WNW    | 3              | -                               | b        | 2           | 1                                   | 56             | 38       | bc, c     | cp, bc     | bc, b, w    | 5.9                                     |
|                    | Leith                  | 1006.8                                | 53           | NW     | 2              | o        | 1010.3                      | +3                        | 44           | -3                        | W      | 1              | -                               | b, y     | 1           | 1                                   | 57             | 42       | c, o, c   | c, o       | c, c        |   |
| Tynemouth          | 1006.5                 | 52                                    | NNW          | 2      | bc             | 1008.5   | +2                          | 48                        | 0            | NNW                       | 2      | N              | bc, p                           | 3        | 2           | 54                                  | 42             | c        | c         | bc, p      |             |   |
| Spurn Head         | 1005.4                 | 55                                    | NE           | 6      | bc, p          | 1005.9   | 0                           | 49                        | 0            | N                         | 5      | -              | bc, p                           | 5        | 3           | 57                                  | 46             | bc, p, r | bc, p     | bc, p      | 7.1         |   |
| Yarmouth           | 1003.5                 | 52                                    | NE           | 5      | bc             | 1003.1   | +1                          | 50                        | -1           | N                         | 4      | N              | op                              | 4        | 14          | 60                                  | 48             | bc       | bc, om, r | bc, op     | 4.4         |   |
| Clacton-on-Sea     | 1004.0                 | 54                                    | NW           | 3      | c              | 1004.2   | 0                           | 47                        | -4           | NW                        | 3      | N              | bc                              | 2        | 1           | 60                                  | 44             | bc, c    | gp, c     | cp, bc     | 4.5         |   |
| Nottingham         | 1006.2                 | 51                                    | -            | 0      | o              | 1007.4   | 0                           | 47                        | -3           | N                         | 3      | N              | b                               | 1        | Trace       | 55                                  | 44             | c, op    | c, o      | o, c       | 2.4         |   |
| Bath               | 1006.7                 | 53                                    | W            | 1      | c              | 1007.7   | 0                           | 45                        | -5           | N                         | 1      | -              | m                               | 1        | 1           | 59                                  | 43             | p, o     | o, c, bc  | bc, h, o   | 1.2         |   |
| St. Farnborough    | 1005.3                 | 53                                    | NNW          | 3      | o              | 1006.0   | 0                           | 47                        | -1           | NNW                       | 2      | N              | bc                              | 2        | Trace       | 56                                  | 43             | o        | og, p     | og, c      | 0.3         |   |
| London (Kew Obsy.) | 1005.5                 | 53                                    | N            | 1      | o              | 1006.0   | +2                          | 48                        | -2           | N                         | 2      | N              | b                               | 1        | Trace       | 57                                  | 45             | om, o    | o, or, o  | o, or, km  | 0.0         |   |
| NORTHERN EUROPE.   | Spitsbergen            | 1020.3                                | 39           | SSE    | 6              | o        | 1017.3                      | -1                        | 36           | +2                        | SSE    | 6              | 0                               | o        | 1           | 39                                  | 32             |          |           |            |             |   |
|                    | Vardö                  | 1012.8                                | 46           | NE     | 3              | c        | 1010.3                      | 0                         | 45           | -1                        | NE     | 4              | -                               | r        | 3           | 0                                   | 48             | 45       |           |            |             |   |
|                    | Bodö                   | 1001.6                                | 52           | E      | 1              | b        | 1003.7                      | +1                        | 50           | -2                        | E      | 1              | -                               | o        | 1           | 1                                   | 61             | 45       |           |            |             |   |
|                    | Christiansund          | 1000.4                                | 50           | NW     | 2              | c        | 1001.8                      | +3                        | 48           | -2                        | -      | 0              | -                               | c        | 1           | 1                                   | 52             | 46       |           |            |             |   |
|                    | Skudesnaes             | 1001.1                                | 46           | N      | 4              | b        | 1005.0                      | 0                         | 52           | 0                         | N      | 2              | -                               | b        | 2           | 1                                   | 55             | 45       |           |            |             |   |
|                    | Færder (X'lanla Fjor.) | 1000.2                                | 57           | S      | 1              | b        | 1004.4                      | +3                        | 54           | +2                        | N      | 2              | S                               | b        | 1           | 1                                   | 59             | 52       |           |            |             |   |
|                    | The Scaw (Skagen)      | 1000.0                                | 57           | -      | 0              | b        | 1004.0                      | +3                        | 57           | +2                        | -      | 0              | -                               | b        | 0           | 1                                   | 63             | 46       |           |            |             |   |
|                    | Blaavands Huk          | 1001.3                                | 55           | NW     | 1              | bc       | 1003.7                      | +2                        | 50           | -2                        | E, NE  | 1              | E                               | b        | 1           | 1                                   | 61             | 43       |           |            |             |   |
|                    | Haparanda              | 999.5                                 | 48           | NE     | 4              | o        | 1001.0                      | +2                        | 50           | 0                         | NE     | 4              | -                               | o        | 1           | 3                                   | 50             | 45       |           |            |             |   |
|                    | Hernösand              | 998.3                                 | 46           | N      | 4              | r        | 1003.3                      | +3                        | 48           | 0                         | N      | 2              | -                               | c        | 1           | 12                                  | 50             | 45       |           |            |             |   |
| FRANCE, &c.        | Stockholm              | 998.7                                 | 54           | NNW    | 2              | o        | 1003.3                      | +3                        | 52           | 0                         | W      | 2              | -                               | o        | 1           | 1                                   | 61             | 46       |           |            |             |   |
|                    | Wisby                  | 1001.5                                | 55           | SW     | 4              | bc       | 1005.9                      | +5                        | 55           | 0                         | WSW    | 2              | -                               | c        | 3           | 1                                   | 59             | 50       |           |            |             |   |
|                    | Karlstad               | 999.7                                 | 55           | -      | 0              | b        | 1005.2                      | +5                        | 45           | 0                         | E      | 2              | -                               | b        | 1           | 1                                   | 61             | 37       |           |            |             |   |
|                    | Petrograd              | 1000.0                                | 55           | -      | 0              | b        | 1005.2                      | +5                        | 45           | 0                         | E      | 2              | -                               | b        | 1           | 1                                   | 61             | 37       |           |            |             |   |
|                    | The Helder             | 1000.4                                | 55           | NE     | 4              | c        | 1001.3                      | +2                        | 54           | +2                        | N      | 3              | -                               | r        | 2           | 12                                  | 59             | 52       |           |            |             |   |
|                    | C. Gris Nez            | 1002.9                                | 53           | N      | 3              | r        | 1003.4                      | +1                        | 53           | 0                         | NNW    | 5              | 0                               | o        | 4           | 5                                   | 61             | 50       |           |            |             |   |
|                    | La Hève                | 1001.3                                | 54           | N      | 4              | o        | 1002.3                      | 0                         | 50           | -9                        | NW     | 2              | 0                               | r        | 2           | 11                                  | 61             | 48       |           |            |             |   |
|                    | Ushant                 | 1001.6                                | 57           | N      | 5              | o        | 1008.3                      | 0                         | 55           | -1                        | N      | 3              | 0                               | c        | 3           | 4                                   | 64             | 48       |           |            |             |   |
|                    | Brest (St. Mathieu)    | 1011.3                                | 59           | NW     | 5              | c        | ?                           | 0                         | 50           | -5                        | N      | 3              | 0                               | bc       | 2           | 1                                   | 61             | 48       |           |            |             |   |
|                    | Rocheport (Ile d'Aix)  | 1008.3                                | 62           | WNW    | 6              | o        | 1005.9                      | -1                        | 53           | -9                        | SE     | 2              | 0                               | o        | 1           | 9                                   | 66             | 50       |           |            |             |   |
| SOUTHERN EUROPE.   | Biarritz               | 1007.8                                | 68           | W      | 3              | c        | 1007.1                      | 0                         | 61           | -3                        | NNW    | 2              | 0                               | o        | 1           | 1                                   | 79             | 57       |           |            |             |   |
|                    | Paris                  | 1003.9                                | 55           | WNW    | 2              | bc       | 1004.4                      | 0                         | 48           | -7                        | -      | 0              | -                               | o        | 1           | 2                                   | 64             | 46       |           |            |             |   |
|                    | Belfort                | 1005.7                                | 52           | -      | 0              | r        | 1006.1                      | 0                         | 50           | -2                        | WSW    | 4              | 0                               | o        | 1           | 1                                   | 65             | 48       |           |            |             |   |
|                    | Lyons                  | 1003.4                                | 60           | E      | 3              | b        | 1002.7                      | +1                        | 60           | -6                        | NE     | 1              | 0                               | c        | 2           | 24                                  | 79             | 55       |           |            |             |   |
|                    | Nice                   | 1007.8                                | 68           | W      | 3              | c        | 1007.1                      | 0                         | 61           | -3                        | NNW    | 2              | 0                               | b        | 1           | 1                                   | 79             | 57       |           |            |             |   |
|                    | Perpignan              | 1007.8                                | 68           | W      | 3              | c        | 1007.1                      | 0                         | 61           | -3                        | NNW    | 2              | 0                               | b        | 1           | 1                                   | 79             | 57       |           |            |             |   |
|                    | Sanguinaire            | 1007.8                                | 68           | W      | 3              | c        | 1007.1                      | 0                         | 61           | -3                        | NNW    | 2              | 0                               | b        | 1           | 1                                   | 79             | 57       |           |            |             |   |
|                    | Corunna (7 a.m.)       | 1019.4                                | 64           | N      | 4              | c        | 1015.8                      | -1                        | 61           | -3                        | W      | 4              | -                               | r        | 4           | 4                                   | 68             | 57       |           |            |             |   |
|                    | Madrid (8 a.m.)        | 1011.4                                | 70           | W      | 3              | bc       | 1013.6                      | +1                        | 55           | 0                         | NW     | 3              | -                               | bc       | 1           | 1                                   | 70             | 52       |           |            |             |   |
|                    | Lisbon (9 a.m.)        | 1015.0                                | 66           | NNW    | 4              | b        | 1020.0                      | +1                        | 63           | -1                        | SW     | 1              | -                               | b        | 2           | 1                                   | 72             | 61       |           |            |             |   |
| SOUTH FARNBOROUGH  | Gibraltar              | 1015.2                                | 71           | W      | 5              | o        | 1016.2                      | 0                         | 62           | -7                        | NW     | 4              | 0                               | b        | 2           | 1                                   | 77             | 61       |           |            |             |   |
|                    | Rome                   | 1015.2                                | 71           | W      | 5              | o        | 1016.2                      | 0                         | 62           | -7                        | NW     | 4              | 0                               | b        | 2           | 1                                   | 77             | 61       |           |            |             |   |
| MADEIRA            | Malta (8 a.m.)         | 1005.7                                | 71           | W      | 5              | o        | 1005.7                      | -1                        | 71           | 0                         | SE     | 2              | -                               | o        | 1           | 1                                   | 84             | 73       |           |            |             |   |
|                    | Azores (Horta, 8 a.m.) | 1024.8                                | 79           | S      | 4              | m        | 1024.2                      | 0                         | 72           | +2                        | SSE    | 4              | 0                               | c</      |             |                                     |                |          |           |            |             |   |

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

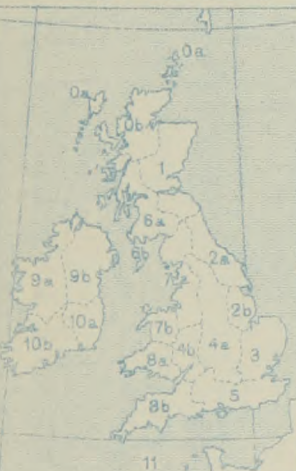
| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.61    |
| 17  | 0.67    | 42  | 1.65    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |
| 21  | 0.83    | 46  | 1.81    |
| 22  | 0.87    | 47  | 1.85    |
| 23  | 0.91    | 48  | 1.89    |
| 24  | 0.95    | 49  | 1.93    |





### FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

No Warnings Issued.

Western Channel and Bay 11

- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | Wind varying between West and North, light or moderate; changeable, some showers; very cool air.    |
| 1  | b |   |   |
| 2  | a | } | Wind mainly Northerly, light or moderate; mostly fair or bright, some local showers; very cool air. |
| 3  | b |   |   |
| 4  | a | } | Same as Nos. 0 and 1.   |
| 5  | b |   |   |
| 6  | a | } | Northerly winds, light or moderate; fair or bright generally, local showers; cool.                  |
| 7  | b |   |   |
| 8  | a | } | Northerly winds, light or moderate; local showers; sea moderate or slight.                          |
| 9  | b |   |   |
| 10 | a | } |   |
| 11 | b |   |   |

#### FURTHER OUTLOOK.

R. G. K. LEMPFERT, Superintendent, Forecast Division.

W. NAPIER SHAW, Director

Millibars

1050

1040

1030

1020

1010

1000

990

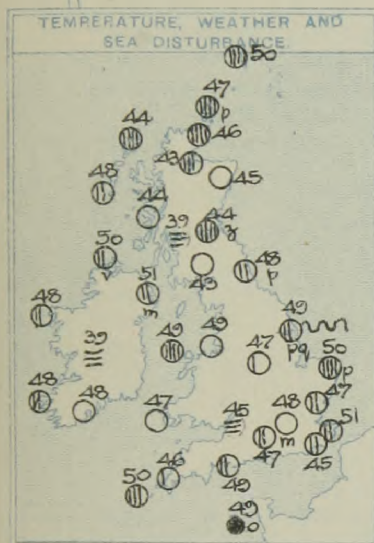
980

970



GENERAL INFERENCE.

Local pressure irregularities will cause further showers in some districts, but generally the weather will be fairer and drier than of late



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 ½ clouded. ○ sky ¾ clouded.

⊙ sky ¾ clouded. ⊙ overcast sky. ⊙ rain falling.

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

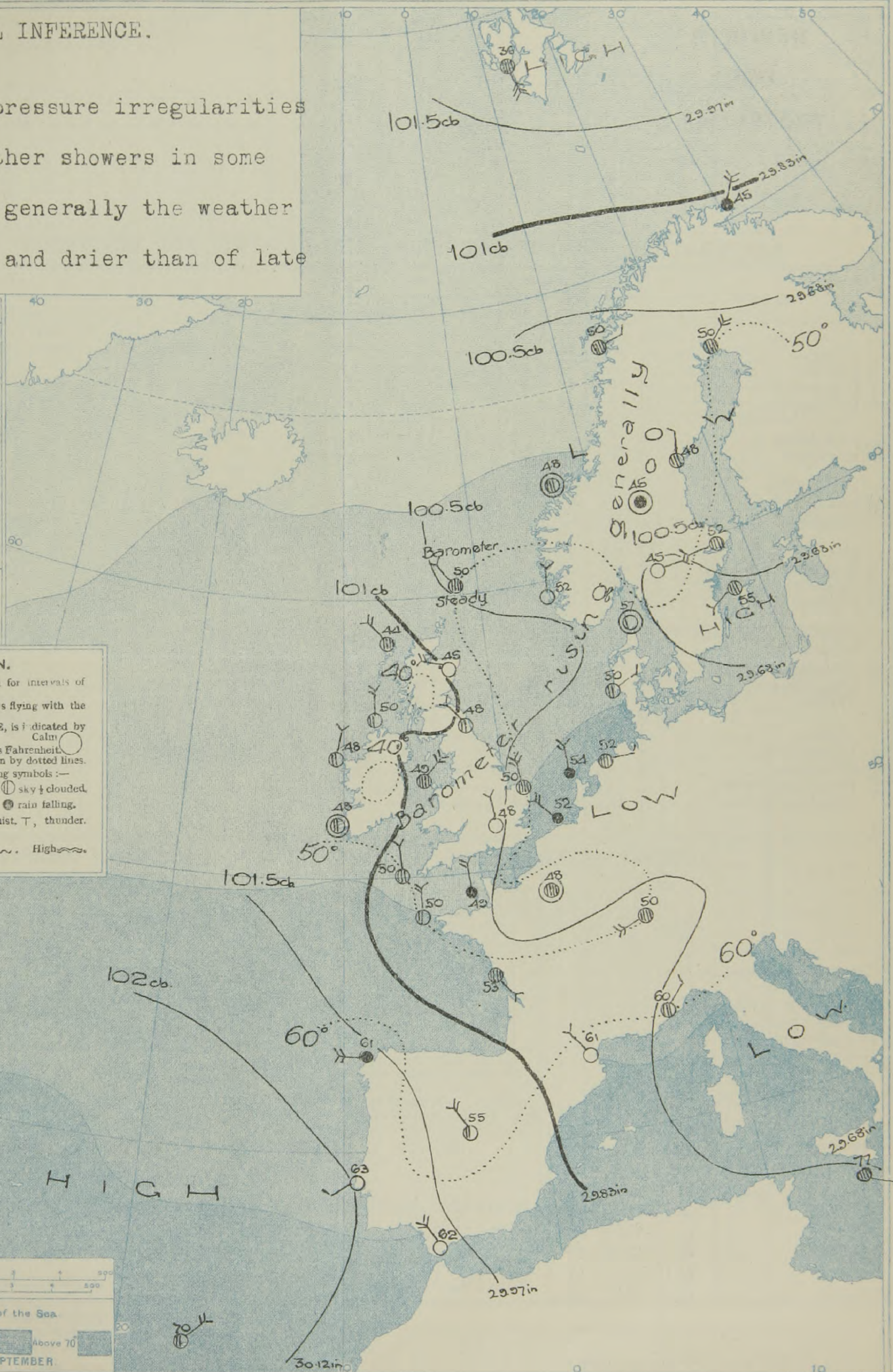
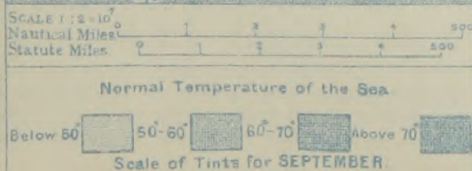
⚡, thunderstorm.

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

Inches  
31

30

29





# DAILY WEATHER REPORT.

Friday, 3rd September, 1915.

## REPORTS FOR YESTERDAY.

2nd September

| STATIONS. | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |                      |                                   |        |                |                                 |          |             |      | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |  |
|-----------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|---------------------------------|----------|-------------|------|-------------------------------------|-------|--|
|           | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.                |                                   | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                                     | Min.  |  |
|           |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb.<br>° F. | Change<br>in 24<br>hours.<br>° F. | Direc. | Force<br>0-12. |                                 |          |             |      |                                     |       |  |
| Petrograd | 993.9                                 | 52    | ?      | 4              | 0        | 997.1                          | +5                       | 52                   | -7                                | S      | 5              | -                               | 0        | *           | 9    | 66                                  | 48    |  |
| Biarritz. | 1017.5                                | 65    | nnw    | 2              | b        | 1012.6                         | -2                       | 62                   | +1                                | wsW    | 6              | *                               | 0        | h           | 19   | 72                                  | 57    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.               | Rainfall. | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS.               | Rainfall. | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |
|-------------------------|-----------|--------------|------|-----------|------------|-------------------------------|-------------------------|-----------|--------------|------|-----------|------------|-------------------------------|
|                         |           | Max.         | Min. | Forenoon. | Afternoon. |                               |                         |           | Max.         | Min. | Forenoon. | Afternoon. |                               |
|                         |           |              |      |           |            |                               |                         |           |              |      |           |            |                               |
| Scotland.               | mm. & .   | ° F.         | ° F. |           |            | Hr.                           | Tunbridge Wells ...     | mm. & .   | ° F.         | ° F. |           |            | Hr.                           |
| { Oban ... ..           | 0.3       | 56           | 38   | b.p       | c          | 7.5                           | { Margate ... ..        | Trace     | 58           | 41   | b.o.m.s   | c.o.o.p    | 0.4                           |
| { Banff ... ..          | 6         | 54           | 46   | b.c.p     | b.b.c.p.c  | 2.9                           | { Ramsgate ... ..       | 2         | 59           | 51   | c.b.c.c   | b.c.c.r    | 3.2                           |
| { Carnoustie ...        | 1         | 58           | 39   | b.c.c     | c.o.p      | 5.3                           | { Hastings ... ..       | 4         | 59           | 43   | o.c       | c.r. b.c   | 3.4                           |
| { St. Andrews ...       | 1         | 58           | 40   | *         | *          | 3.7                           | { Bexhill-on-Sea ...    | 2         | 59           | 46   | o         | c.o.r.o.c  | 2.3                           |
| { Harrogate ... ..      | 0.3       | 55           | 44   | c.b.c     | b.b.c.c    | 3.9                           | { Eastbourne ... ..     | 1         | 59           | 47   | o.p       | o.b.c.o.p  | 0.6                           |
| { Skegness ... ..       | 5         | 56           | 49   | r.p       | p.o        | 6.5                           | { Seaford ... ..        |           |              |      |           |            |                               |
| { Morecambe ... ..      | -         | 58           | 48   | b.c       | b.c        | 6.0                           | { Brighton ... ..       | 2         | 59           | 47   | b.c.c     | c.p.c.o    | 1.8                           |
| { Blackpool ... ..      | 0.3       | 57           | 46   | b.b.c.b   | b.b.c      | 9.4                           | { Worthing ... ..       | 3         | 58           | 47   | b.c.o.r   | o.r        | 1.0                           |
| { Southport ... ..      | -         | 67           | 47   | b.b.c     | b.c.b.b.c  | 9.0                           | { Littlehampton ...     | 3         | 57           | 50   | o         | o.r        | 0.3                           |
| { Bognor ... ..         |           |              |      |           |            |                               | { Bognor ... ..         | 1         | 57           | 46   | o         | o.p        | 0.5                           |
| { Southsea ... ..       |           |              |      |           |            |                               | { Southsea ... ..       | 1         | 57           | 48   | o.p       | o.p        | 1.5                           |
| { Bournemouth ...       |           |              |      |           |            |                               | { Bournemouth ...       | 2         | 59           | 44   | c         | c          | 3.0                           |
| { Buxton ... ..         | 0.3       | 53           | 47   | b.c       | b.c        | 1.7                           |                         |           |              |      |           |            |                               |
| { Leamington Spa ...    | 0.1       | 56           | 47   | c         | c          | 1.1                           |                         |           |              |      |           |            |                               |
| { Malvern ... ..        | 0.2       | 56           | 47   | b.c.c     | c          | 1.0                           |                         |           |              |      |           |            |                               |
| { Ross-on-Wye ... ..    | 1         | 60           | 42   | o.c.b.c   | b.c.o.u    | 2.3                           |                         |           |              |      |           |            |                               |
| { Rhyl ... ..           | 3         | 56           | 48   | o.b.c     | b.c.c.b.c  | 7.2                           | { Weymouth... ..        | 0.1       | 61           | 48   | b.c.c     | c.p.c      | 3.1                           |
| { Colwyn Bay ... ..     | 6         | 56           | 50   | b.c       | b.c        | 5.2                           | { Torquay ... ..        | 2         | 62           | 49   | p.o.c     | p.c.b.c    | 3.3                           |
| { Llandudno ... ..      |           |              |      |           |            |                               | { Paignton ... ..       | 2         | 60           | 50   | c.b.c     | b.c        | 3.9                           |
| { Aberystwyth ... ..    | 1         | 55           | 49   | o.c.b     | b.c.c      | 7.0                           | { Falmouth ... ..       | 10        | 57           | 49   | c.r.p     | c.p.c.b.c  | 4.6                           |
| { Tenby ... ..          | 2         | 58           | 49   | b.c.t.p   | b.c        | 7.3                           | { Penzance ... ..       | 1         | 63           | 53   | b.c       | b.c        | 9.5                           |
| { Newquay ... ..        |           |              |      |           |            |                               | { Newquay ... ..        | 4         | 56           | 50   | c.p       | b.c.p      | 5.5                           |
| { Ilfracombe ... ..     |           |              |      |           |            |                               | { Ilfracombe ... ..     | 1         | 57           | 52   | b.c.p.c   | b.c        | 5.5                           |
| { Weston-super-Mare ... |           |              |      |           |            |                               | { Weston-super-Mare ... | 7         | 58           | 47   | o.r.b.    | h.r.b.c.   | 2.6                           |
| { Cromer ... ..         | 7         | 59           | 50   | o.c.b.c   | b.c.c      | 7.1                           |                         |           |              |      |           |            |                               |
| { Lowestoft ... ..      | 9         | 59           | 48   | o.c       | c.o.p      | 3.4                           |                         |           |              |      |           |            |                               |
| { Felixstowe ... ..     | 0.2       | 61           | 48   | b.c.c     | c.p        | 4.6                           |                         |           |              |      |           |            |                               |
| { Walton-on-Naze ...    | 2         | 60           | 46   | b.c.c.p   | b.c.p.c.u  | 3.1                           |                         |           |              |      |           |            |                               |
| { Southend-on-Sea ...   | 0.3       | 59           | 45   | c.b.b.c.c | c.o.c      | 2.0                           |                         |           |              |      |           |            |                               |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE. |                   |                   | Rain-<br>fall. | WEATHER.        |                 |        |
|--|---------------------------|-----------------------|---|--------------|-------------------|-------------------|----------------|-----------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   | Min. on<br>Grass. | Min. on<br>Grass. |                | Fore-<br>noon.  | After-<br>noon. | Night. |
|  | %                         | %                     |   | ° F.         | ° F.              | ° F.              |                |                 |                 |        |
| Greenwich (Royal Obs.) ...   | 59                        | 71                    | 0.7                                     | 61           | 45                | 40                | 0              | o. o. p. o.     | o. o. c. b. c.  |        |
| City (Bunhill Row) ...   | *                         | *                     | 0.2                                     | *            | *                 | *                 | *              | *               | *               | *      |
| Westminster (St. James's Pk.)  | 67                        | 73                    | 0.0                                     | 59           | 46                | 45                | 0              | o. c.           | o. b. c.        |        |
| Camden Sq. (Brit. Rainfall)  | 64                        | 72                    | 0.4                                     | 61           | 45                | 43                | 0              | o. c.           | o.              | *      |
| Hampstead (Reservoir) ...  | *                         | 73                    | 0.4                                     | 57           | 42                | 35                | 0              | c. o.           | b. c.           | b. c.  |
| Richmond Park ...  | *                         | *                     |   |              |                   |                   |                |                 |                 |        |
| Kew. (See front page.)   |                           |                       |   |              |                   |                   |                |                 |                 |        |
| VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                           |                       |   |              |                   |                   |                |                 |                 |        |
|  |                           |                       |   | Total.       |                   | Average Rate.     |                | Max. Rate.      |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.)       |                           |                       |   | 913 Joules   |                   | 18.8 Milli-watts. |                | 45 Milli-watts. |                 |        |
| S. Kensington (Roof of M.O.)   | 64                        | 69                    | 0.2                                     |              |                   |                   |                |                 |                 |        |

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

| 3rd & 4th Sept., 1915. | Sunrise. | Noon.  | Sunset. |
|------------------------|----------|--------|---------|
| G.M.T.                 | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...           | 5.8      | 11.52  | 6.37    |
| Greenwich ...          | 5.17     | 11.59  | 6.42    |
| Wick ...               | 5.17     | 12.11  | 7.6     |
| Valencia ...           | 5.27     | 12.40  | 7.34    |

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 60° over the greater part of the Kingdom, only touching 55° at Nottingham. Showers fell very generally, and thunder and lightning occurred locally. In the south-east of England there was very little or no bright sunshine.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



| DATE.            | STATIONS.              | YESTERDAY EVENING.                    |              |               |                |          | THIS MORNING 7 A.M., G.M.T.               |                          |              |               |                |      |                |      |                |      | PAST 24 HOURS. |              |                |             |               | Sun-<br>shine<br>for<br>Yester-<br>day. |
|------------------|------------------------|---------------------------------------|--------------|---------------|----------------|----------|---|--------------------------|--------------|---------------|----------------|------|----------------|------|----------------|------|----------------|--------------|----------------|-------------|---------------|---|
|                  |                        | Barom.<br>Milli-<br>bars at<br>M.S.L. | Temp.<br>°F. | Wind.<br>Dir. | Force<br>0-12. | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 5<br>hours. | Temp.<br>°F. | Wind.<br>Dir. | Force<br>0-12. | Dir. | Force<br>0-12. | Dir. | Force<br>0-12. | Dir. | Temp.<br>°F.   | Temp.<br>°F. | Morning.       | Afternoon.  | Night.        |   |
| BRITISH ISLANDS. | Lerwick                | 1009.6                                | 33           | NE            | 2              | bc       | 1014.0                                    | +1                       | 51           | W             | 1              | -    | -              | -    | -              | -    | 55             | 49           | cp             | bc          | c             | Hours.                                  |
|                  | Deerness               | 1010.5                                | 50           | WNW           | 3              | cpd      | 1014.2                                    | +                        | 50           | WNW           | 1              | -    | -              | -    | -              | -    | 54             | 49           | cp             | bc          | c             | 0.8                                     |
|                  | Stornoway              | 1013.5                                | 49           | N             | 2              | op       | 1015.9                                    | +2                       | 48           | N             | 1              | -    | -              | -    | -              | -    | 50             | 44           | op             | op. o. c    | o. b. c. p. c | 0.0                                     |
|                  | Castlebay (Barra Isd.) | 1014.5                                | 49           | NW            | 3              | r        | 1016.3                                    | +1                       | 51           | N             | 3              | -    | -              | -    | -              | -    | 52             | 47           | bc. op         | op. r       | r. o. p. o    | 0.7                                     |
|                  | Glasgow                | 1012.4                                | 53           | WNW           | 1              | b        | 1016.4                                    | +2                       | 40           | -             | 0              | -    | -              | -    | -              | -    | 60             | 38           | cg. bc         | bc. b       | b. b. c. m. x | 9.3                                     |
|                  | Eskdalemuir            | 1012.7                                | 50           | NW            | 2              | bc       | 1016.8                                    | +1                       | 34           | -             | 0              | -    | -              | -    | -              | -    | 55             | 28           | bc             | bc. o. c. g | bc. b         | 7.4                                     |
|                  | Malin Head             | 1014.6                                | 55           | NNW           | 4              | cg. p.   | 1016.2                                    | 0                        | 50           | NNE           | 4              | -    | -              | -    | -              | -    | 57             | 48           | bc. p.         | bc. p.      | bc. p.        | 7.5                                     |
|                  | Blacksod Point         | 1016.4                                | 54           | NNW           | 3              | bc       | 1018.0                                    | 0                        | 53           | NW            | 1              | -    | -              | -    | -              | -    | 56             | 47           | bc. p.         | bc. p.      | bc. p.        | 7.5                                     |
|                  | Valencia               | 1016.9                                | 57           | NNW           | 4              | b        | 1019.6                                    | +1                       | 46           | NE            | 1              | -    | -              | -    | -              | -    | 59             | 41           | bc             | bc          | b             | 11.5                                    |
|                  | Roche's Point          | 1015.7                                | 59           | NW            | 3              | b        | 1019.3                                    | +                        | 50           | NW            | 3              | -    | -              | -    | -              | -    | 61             | 48           | b. bc          | bc. b       | b. bc         | +                                       |
|                  | Birr Castle            | 1015.6                                | 54           | N             | 1              | c        | 1018.8                                    | +                        | 47           | S             | 1              | -    | -              | -    | -              | -    | 60             | 39           | c              | c           | o             | 7.9                                     |
|                  | Donaghadee             | 1013.2                                | 53           | N             | 4              | b        | 1015.4                                    | +2                       | 50           | WNW           | 3              | -    | -              | -    | -              | -    | 57             | 49           | bc             | b           | bc. o. g. m.  | +                                       |
|                  | Liverpool (Bidston)    | 1012.8                                | 55           | N             | 1              | o        | 1015.5                                    | +1                       | 50           | W             | 1              | -    | -              | -    | -              | -    | 57             | 49           | bc             | c. o        | c             | 7.3                                     |
|                  | Holyhead               | 1014.6                                | 56           | N             | 4              | b. g.    | 1016.0                                    | +1                       | 52           | NW            | 4              | -    | -              | -    | -              | -    | 61             | 49           | a. c. bc       | bc. b       | b. bc. op     | 10.0                                    |
|                  | Pembroke (St. Ann's)   | 1012.9                                | 54           | N             | 4              | b. g.    | 1017.2                                    | +1                       | 50           | NE            | 1              | -    | -              | -    | -              | -    | 59             | 46           | c              | b           | b             | 10.8                                    |
|                  | Scilly (St. Mary's)    | 1012.6                                | 56           | NNW           | 4              | bc       | 1017.1                                    | +1                       | 52           | NW            | 1              | -    | -              | -    | -              | -    | 60             | 49           | b. bc          | bc          | bc. c. g. p.  | 10.3                                    |
|                  | Falmouth               | 1012.1                                | 57           | N             | 3              | b        | 1016.8                                    | +2                       | 49           | N             | 2              | -    | -              | -    | -              | -    | 60             | 45           | cp. h          | b           | bc. v         | 11.2                                    |
|                  | Jersey (St. Aubin)     | 1008.9                                | 57           | N             | 3              | bc       | 1015.0                                    | +                        | 55           | N             | 3              | -    | -              | -    | -              | -    | 60             | 48           | c. bc          | bc          | op. b         | 7.3                                     |
|                  | Portland Bill          | 1006.1                                | 58           | NNE           | 4              | b        | 1015.0                                    | +4                       | 51           | NNE           | 3              | -    | -              | -    | -              | -    | 61             | 47           | bc             | bc. b       | bc. b         | +                                       |
|                  | Dungeness              | 1005.6                                | 53           | NNE           | 5              | op.      | 1011.5                                    | +3                       | 51           | NNW           | 3              | -    | -              | -    | -              | -    | 59             | 44           | c. o           | op. r       | op. r         | +                                       |
|                  | Dover                  | 1005.2                                | 51           | N             | 6              | r        | 1011.1                                    | +4                       | 52           | NNW           | 5              | -    | -              | -    | -              | -    | 56             | 49           | bc. op. r      | op. r       | op. r         | 1.5                                     |
| NORTHERN EUROPE. | Wick                   | 1011.1                                | 50           | NW            | 3              | o        | 1014.4                                    | +2                       | 49           | W             | 2              | -    | -              | -    | -              | -    | 52             | 45           | op. p.         | omg         | omd. p. c     | +                                       |
|                  | Nairn                  | 1012.3                                | 52           | NNW           | 1              | cg       | 1015.5                                    | +                        | 49           | -             | 0              | -    | -              | -    | -              | -    | 55             | 42           | bc. c          | cg. p.      | cg. p.        | 8.5                                     |
|                  | Aberdeen               | 1012.0                                | 53           | NNW           | 1              | c        | 1015.7                                    | +2                       | 46           | W             | 2              | -    | -              | -    | -              | -    | 57             | 42           | b. bc. c       | c           | c. o. b. v    | 6.9                                     |
|                  | Leith                  | 1011.0                                | 57           | SE            | 1              | bc       | 1015.7                                    | +3                       | 46           | WSW           | 2              | -    | -              | -    | -              | -    | 59             | 44           | b. bc. c       | c. bc       | bc. c         | +                                       |
|                  | Tynemouth              | 1011.6                                | 53           | NE            | 2              | b        | 1014.9                                    | +2                       | 43           | W             | 2              | -    | -              | -    | -              | -    | 57             | 41           | bc             | b           | bc. m         | +                                       |
|                  | Spurn Head             | 1009.3                                | 55           | NE            | 6              | bc. g.   | 1013.5                                    | +3                       | 49           | NE            | 3              | -    | -              | -    | -              | -    | 60             | 46           | bc. g. p.      | bc. g.      | bc. g.        | 7.4                                     |
|                  | Yarmouth               | 1006.7                                | 56           | NE            | 7              | o        | 1010.8                                    | +2                       | 54           | NE            | 6              | -    | -              | -    | -              | -    | 58             | 49           | bc. g. p.      | bc. m.      | o. bc         | 0.0                                     |
|                  | Clacton-on-Sea         | 1007.0                                | 53           | N             | 4              | o        | 1011.8                                    | +3                       | 52           | NNW           | 4              | -    | -              | -    | -              | -    | 56             | 46           | bc. c. op.     | op.         | op. bc        | 0.1                                     |
|                  | Nottingham             | 1010.9                                | 55           | NNE           | 4              | bc       | 1015.7                                    | +                        | 41           | NW            | 1              | -    | -              | -    | -              | -    | 58             | 38           | bc. c          | c. bc       | bc. b         | 6.9                                     |
|                  | Bath                   | 1009.9                                | 58           | N             | 1              | m        | 1016.1                                    | +                        | 44           | -             | ?              | -    | -              | -    | -              | -    | 62             | 40           | m. c. bc       | a. bc. g.   | g. bc. m.     | 8.2                                     |
|                  | St. Farnborough        | 1008.7                                | 53           | N             | 2              | bc       | 1014.3                                    | +3                       | 44           | NW            | 1              | -    | -              | -    | -              | -    | 61             | 41           | bc             | c. bc. g.   | b             | 6.3                                     |
|                  | London (Kew Obsy.)     | 1008.9                                | 55           | NNE           | 3              | bc       | 1014.4                                    | +3                       | 48           | N             | 2              | -    | -              | -    | -              | -    | 59             | 44           | b. m. v. op. r | op. r. bc   | bc. c. b. m.  | 7.6                                     |
|                  | Spitsbergen            |                                       |              |               |                |          |   |                          |              |               |                |      |                |      |                |      |                |              |                |             |               |   |
|                  | Vardö                  |                                       |              |               |                |          |   |                          |              |               |                |      |                |      |                |      |                |              |                |             |               |   |
|                  | Bodö                   |                                       |              |               |                |          |   |                          |              |               |                |      |                |      |                |      |                |              |                |             |               |   |
| FRANCE, & C.     | Christiansund          | 1007.7                                | 48           | N             | 1              | o        | 1008.6                                    | +1                       | 48           | WNW           | 1              | -    | -              | -    | -              | -    | 54             | 46           |                |             |               |   |
|                  | Skudesnaes             | 1009.9                                | 52           | SW            | 2              | c        | 1012.2                                    | +2                       | 50           | -             | 0              | -    | -              | -    | -              | -    | 54             | 48           |                |             |               |   |
|                  | Færder (X'lanha Fjord) | 1009.1                                | 50           | -             | 0              | b        | 1012.2                                    | +1                       | 54           | N             | 3              | -    | -              | -    | -              | -    | 57             | 45           |                |             |               |   |
|                  | The Scaw (Skagen)      | 1009.2                                | 57           | -             | 0              | b        | 1012.2                                    | +1                       | 52           | N             | 2              | -    | -              | -    | -              | -    | 61             | 52           |                |             |               |   |
|                  | Blaavands Huk          | 1008.6                                | 57           | NE            | 1              | b        | 1010.9                                    | +2                       | 61           | -             | 0              | -    | -              | -    | -              | -    | 63             | 55           |                |             |               |   |
|                  | Haparanda              | 1007.0                                | 54           | NNW           | 1              | bc       | 1009.2                                    | +2                       | 48           | ENE           | 1              | -    | -              | -    | -              | -    | 19             | 45           |                |             |               |   |
|                  | Hernösand              | 1005.0                                | 48           | NNW           | 2              | c        | 1009.6                                    | +3                       | 48           | -             | 0              | -    | -              | -    | -              | -    | 55             | 45           |                |             |               |   |
|                  | Stockholm              | 1008.2                                | 52           | -             | 0              | c        | 1011.1                                    | +1                       | 50           | -             | 0              | -    | -              | -    | -              | -    | 55             | 46           |                |             |               |   |
|                  | Wisby                  | 1008.3                                | 55           | E             | 2              | b        | 1011.9                                    | +1                       | 52           | -             | 0              | -    | -              | -    | -              | -    | 61             | 46           |                |             |               |   |
|                  | Karlstad               | 1009.6                                | 57           | -             | 0              | b        | 1011.0                                    | +1                       | 59           | E             | 4              | -    | -              | -    | -              | -    | 59             | 52           |                |             |               |   |
|                  | Petrograd              |                                       |              |               |                |          |   |                          | 48           | NE            | 4              | -    | -              | -    | -              | -    | 63             | 39           |                |             |               |   |
|                  | The Helder             | 1005.5                                | 55           | NNE           | 3              | c        | 1009.1                                    | +2                       | 55           | -             | 0              | -    | -              | -    | -              | -    | 57             | 46           |                |             |               |   |
|                  | C. Gris Nez            | 1004.2                                | 53           | NNE           | 7              | r        | 1010.4                                    | +4                       | 56           | N             | 7              | -    | -              | -    | -              | -    | 54             | 50           |                |             |               |   |
|                  | La Hève                |                                       |              |               |                |          |   |                          |              |               |                |      |                |      |                |      |                |              |                |             |               |   |
| SOUTHERN EUROPE. | Ushant                 | 1012.0                                | ?            | NNE           | ?              | ?        | 1017.5                                    | +                        | 56           | NNE           | 4              | -    | -              | -    | -              | -    | 63             | 52           |                |             |               |   |
|                  | Brest (St. Mathieu)    | 1013.0                                | 56           | WSW           | 4              | b        | 1018.0                                    | +2                       | 55           | NNW           | 4              | -    | -              | -    | -              | -    | 61             | 50           |                |             |               |   |
|                  | Rochefort (Ile d'Aix)  | 1007.5                                | 58           | NW            | 5              | c        | 1014.0                                    | ?                        | 57           | NNW           | 4              | -    | -              | -    | -              | -    | 61             | 52           |                |             |               |   |
|                  | Biarritz               | 1008.6                                | 61           | WNW           | 4              | c        | 1015.8                                    | +3                       | 54           | S             | 3              | -    | -              | -    | -              | -    | 61             | 50           |                |             |               |   |
|                  | Paris                  | 1005.6                                | 52           | NW            | 2              | o        | 1008.6                                    | +5                       | 50           | NE            | 2              | -    | -              | -    | -              | -    | 54             | 46           |                |             |               |   |
|                  | Belfort                | 1005.9                                | 52           | -             | 0              | c        | 1007.7                                    | +                        | 46           | WSW           | 2              | -    | -              | -    | -              | -    | 63             | 46           |                |             |               |   |
|                  | Lyons                  | 1005.6                                | 51           | N             | 2              | o        | 1009.7                                    | +                        | 48           | NW            | 2              | -    | -              | -    | -              | -    | 62             | 45           |                |             |               |   |
|                  | Nice                   | 1002.3                                | 61           | NE            | 2              | bc       | 1002.6                                    | +1                       | 59           | W             | 1              | -    | -              | -    | -              | -    | 72             | 55           |                |             |               |   |
|                  | Pertignan              | 1006.3                                | 57           | -             | 0              | o        | 1012.0                                    | +4                       | 59           | NW            | 4              | -    | -              | -    | -              | -    | 75             | 54           |                |             |               |   |
|                  | Sanguinaire            |                                       | 67           | W             | 4              | c        |   |                          | 65           | -             | 5              | -    | -              | -    | -              | -    | 82             | 61           |                |             |               |   |
|                  | Corunna (7 a.m.)       | 1015.5                                | 61           | W             | 3              | r        | 1020.6                                    | +4                       | 63           | SSE           | 3              | -    | -              | -    | -              | -    | 66             | 54           |                |             |               |   |
|                  | Madrid (8 a.m.)        |                                       |              |               |                |          |   |                          |              |               |                |      |                |      |                |      |                |              |                |             |               |   |
|                  | Lisbon (9 a.m.)        | 1018.9                                | 70           | NW            | 4              | bc       | 1018.7                                    | +1                       | 63           | WNW           | 2              | -    | -              | -    | -              | -    | 72             | 63           |                |             |               |   |
|                  | Gibraltar              | 1016.6                                | 69           | W             | 4              | b        | 1016.2                                    | +                        | 63           | NW            | 4              | -    | -              | -    | -              | -    | 79             | 61           |                |             |               |   |
|                  | Rome                   |                                       |              |               |                |          |   |                          |              |               |                |      |                |      |                |      |                |              |                |             |               |   |
|                  | Malta (8 a.m.)         |                                       |              |               |                |          | 1015.4                                    | +3                       | 73           | WNW           | 1              | -    | -              | -    | -              | -    | 86             | 68           |                |             |               |   |
|                  | Azores (Horta, 8 a.m.) | 1023.9                                | +            | SSW           | 4              | m        | 1020.2                                    | -1                       | 72           | SSW           | 5              | -    | -              | -    | -              | -    | 79             | 72           |                |             |               |   |
|                  | Madeira (Funchal)      | 1020.8                                | 77           | NE            | 3              | b        | 1020.8                                    | 0                        | 68           | NE            | 3              | -    | -              | -    | -              | -    | 81             | 66           |                |             |               |   |

## RAINFALL.

Equivalents of Millimetres.  
in inches.

| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.61    |
| 17  | 0.67    | 42  | 1.65    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |
| 21  | 0.83    | 46  | 1.81    |
| 22  | 0.87    | 47  | 1.85    |
| 23  | 0.91    | 48  | 1.89    |
| 24  | 0.95    | 49  | 1.93    |
| 25  | 0.98    | 50  | 1.97    |

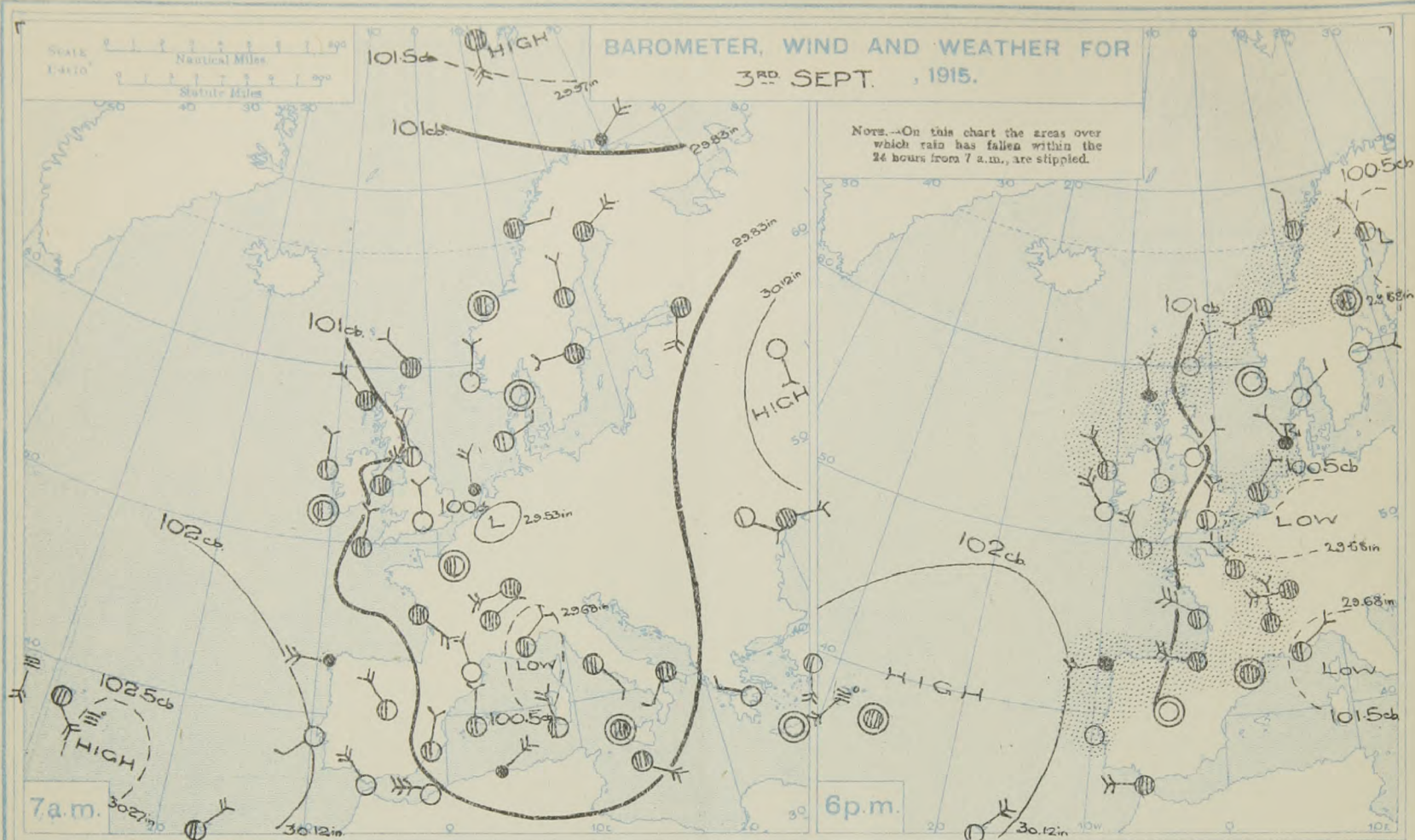
South Farnborough

Pilot Balloon Ascent at about 7 a.m.

500 metres N by E 26 mph

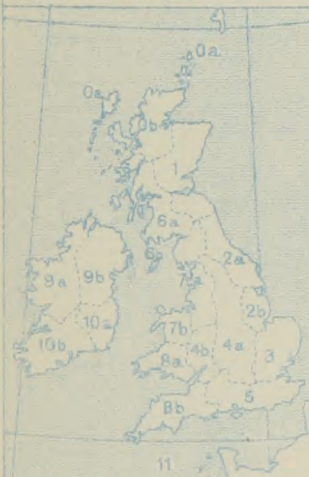
2000 metres N by E 24 mph.





FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

No Warnings Issued.

Western Channel and Bay 11

- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | Light or moderate breezes from West, shifting to North; cool, changeable, some showers.                |
|    | b |   |  |
| 1  |   | } |  |
| 2  | a |   |  |
|    | b | } | Light or moderate Northerly to North-Westerly breezes; cool, changeable, some showers, fine intervals. |
| 3  |   |   |  |
| 4  | a | } |  |
|    | b |   |  |
| 5  |   | } | Same as Nos. 0 to 2.   |
| 6  | a |   |  |
|    | b | } | Moderate Northerly and North-Westerly winds;   |
| 7  | a |   |  |
|    | b | } | cool, changeable, some showers.  |
| 8  | a |   |  |
|    | b | } | Moderate Northerly and North-Westerly winds, and a slight sea; cool, changeable, some showers.         |
| 9  | a |   |  |
|    | b | } |  |
| 10 | a |   |  |
|    | b | } |  |
| 11 |   |   |  |

FURTHER OUTLOOK.

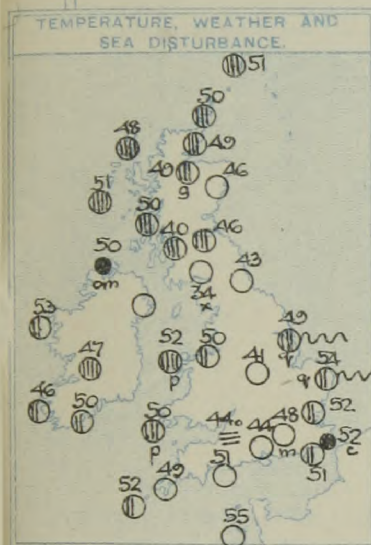
R. G. K. LEMPERT, Superintendent, Forecast Division

W. NAPIER SHAW, Director



GENERAL INFERENCE.

Small shallow depressions will be developed over the northern parts of the United Kingdom and will move southwards, occasioning a continuance of cool showery weather.



EXPLANATION.

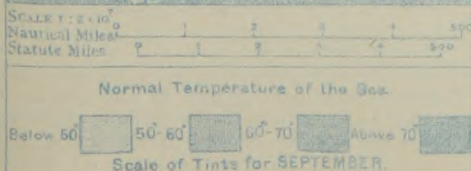
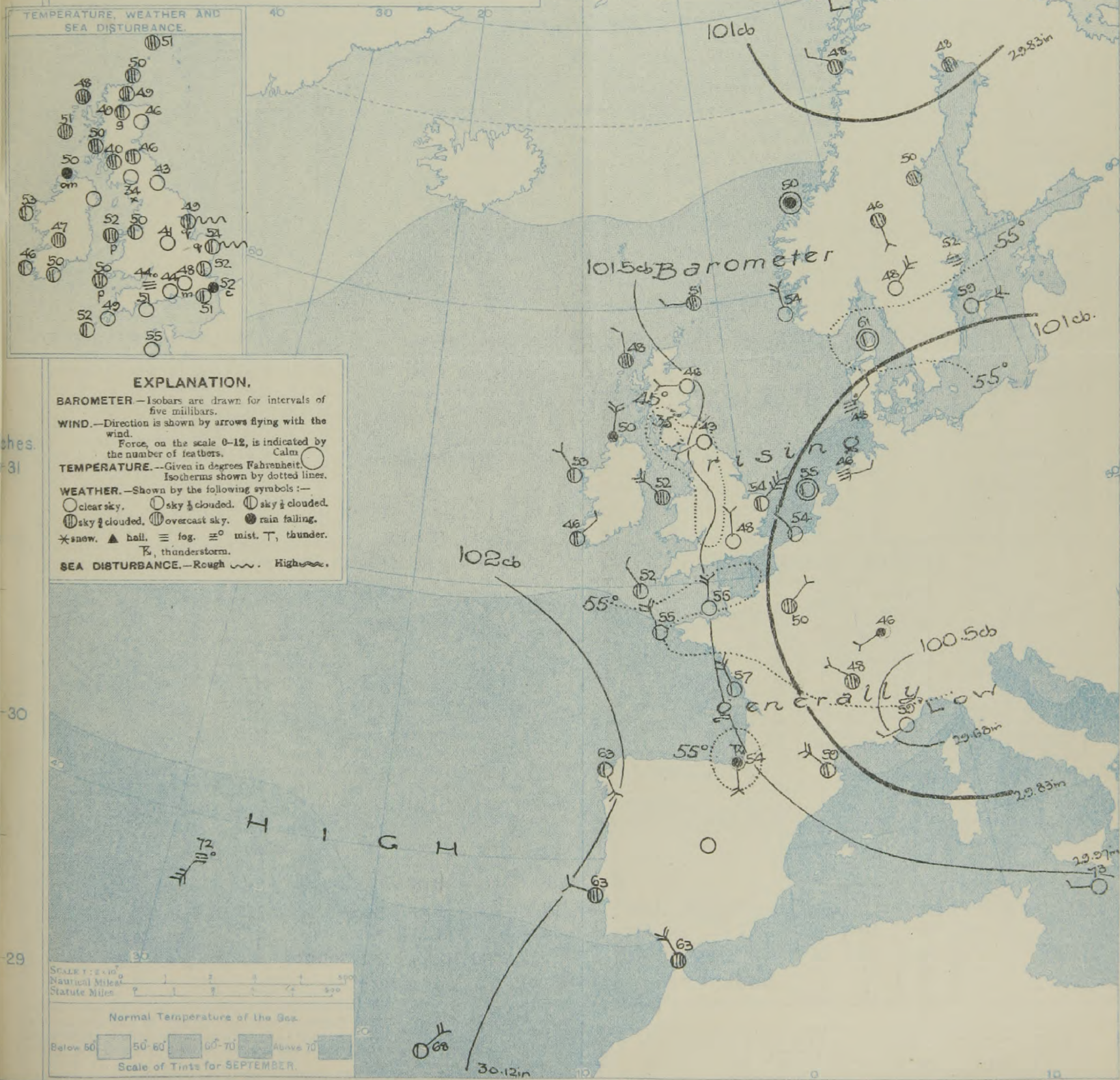
**BAROMETER**—Isobars are drawn for intervals of five millibars.

**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  $\frac{1}{2}$  clouded. ○ sky  $\frac{3}{4}$  clouded.  
 ○ sky  $\frac{1}{2}$  clouded. ○ overcast sky. ○ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡° mist. T, thunder.  
 T, thunderstorm.

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





## DAILY WEATHER REPORT.

Saturday, 3rd September, 1915.

| REPORTS<br><br>FOR<br><br>YESTERDAY.<br><br><br>3 <sup>rd</sup> September. | STATIONS.   | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |              |                           |        |                |                                 |          |             |      | Rain-<br>fall.<br>Milli-<br>metres. |    | TEMP.<br>Max. Min. |  |
|--|-------------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|------|-------------------------------------|----|--------------------|--|
|  |             | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. |      |                                     |    |                    |  |
|  |             |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |      |                                     |    |                    |  |
|  |             |                                       |       |        |                |          |                                |                          |              |                           |        |                |                                 |          |             | ° F. | ° F.                                |    |                    |  |
|  | Petrograd   | 1007.0                                | 50    | S      | 4              | r        | 1006.7                         | +2                       | 54           | +2                        | SSW    | 4              | -                               | 0        | *           | 11   | 61                                  | 50 |                    |  |
|  | Lyons       | 1006.4                                | 60    | SW     | 2              | 0        | 1006.4                         | *                        | 62           | -1                        | NE     | 1              | *                               | 0        | *           | -    | 70                                  | 51 |                    |  |
|  | Sanguinaire | *                                     | 71    | S      | 3              | bc       | *                              | *                        | 67           | -                         | S      | 3              | *                               | 0        | 4           | -    | 84                                  | 63 |                    |  |
|  | Rome        | 1007.4                                | 64    | S      | 1              | 0        | 1005.7                         | +1                       | 61           | -                         | SE     | 1              | -                               | c        | *           | 9    | 77                                  | 63 |                    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS. | Rainfall.<br>mm.†   | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm.† | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|-----------|---------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|-------------------|--------------|------|-----------|------------|--------------------------------------|
|           |                     | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                   | Max.         | Min. | Forenoon. | Afternoon. |                                      |
|           |                     | ° F.         | ° F. |           |            |                                      |                       |                   | ° F.         | ° F. |           |            |                                      |
| Scotland. | Oban ...            | 57           | 36   | b, bc     | c          | 8.0                                  | Tunbridge Wells ...   | 3                 | 58           | 41   | bc, cbc   | or, o      | 2.2                                  |
|           | Banff ...           | 55           | 42   | b         | b, bc, c   | 7.0                                  | Margate ...           | 6                 | 57           | 52   | or        | or         | 0.5                                  |
|           | Carnoustie ...      | 59           | 41   | b         | bc, og     | 9.0                                  | Ramsgate ...          | 6                 | 57           | 50   | c, or     | r          | 0.8                                  |
|           | St. Andrews ...     | 61           | 42   | *         | *          | 8.3                                  | Hastings ...          | 2                 | 58           | 46   | b, bc, o  | or, c      | 2.4                                  |
|           |                     |              |      |           |            |                                      | Bexhill-on-Sea ...    | 1                 | 60           | 46   | o         | or, c      | 3.4                                  |
| Eng. N.E. | Harrogate ...       | 57           | 40   | b, bc, c  | bc, b      | 7.8                                  | Eastbourne ...        | 0.3               | 61           | 47   | b, op     | op, bc     | 2.6                                  |
|           | Skegness ...        | 59           | 44   | po        | bc, c      | 5.8                                  | Seaford ...           |                   |              |      |           |            |                                      |
| Eng. N.W. | Morecambe ...       | 61           | 43   | b         | bc         | 8.1                                  | Brighton ...          |                   | 62           | 47   | bc, c     | c, op, c   | 5.1                                  |
|           | Blackpool ...       |              |      |           |            |                                      | Worthing ...          |                   | 62           | 47   |           |            | 7.5                                  |
|           | Southport ...       | 58           | 39   | bw, bc    | c, or, bc  | 7.0                                  | Littlehampton ...     | 0.2               | 61           | 55   | bc        | o, bc      | 7.2                                  |
| Midlands. | Buxton ...          | 54           | 36   | bc        | bc         | 4.6                                  | Bognor ...            | 0.2               | 61           | 46   | bc        | bc, p      | 6.8                                  |
|           | Leamington Spa ...  | 61           | 41   | bc        | bc, p      | 7.2                                  | Southsea ...          |                   | 62           | 48   | bc        | bc         | 6.0                                  |
|           | Malvern ...         | 59           | 43   | b, bc     | bc, c      | 7.5                                  | Bournemouth ...       |                   | 62           | 42   | bc        | bc, c      | 7.8                                  |
|           | Ross-on-Wye ...     | 62           | 38   | bm, bc    | bc, cz     | 8.0                                  |                       |                   |              |      |           |            |                                      |
| Wales.    | Rhyl ...            | 58           | 38   | bc        | bc, b      | 11.5                                 | Weymouth ...          |                   | 63           | 47   | bz        | bz         | 9.5                                  |
|           | Colwyn Bay ...      | 58           | 45   | bc        | bc         | 9.2                                  | Torquay ...           | 0.1               | 62           | 43   | bc        | bc, b      | 11.1                                 |
|           | Llandudno ...       |              |      |           |            |                                      | Paignton ...          |                   | 61           | 42   | b, bc     | b, b       | 10.1                                 |
|           | Aberystwyth ...     | 58           | 40   | c, bc     | bc, o      | 8.0                                  | Falmouth ...          | 1                 | 60           | 44   | cpk       | b          | 11.0                                 |
|           | Tenby ...           | 63           | 48   | bc        | b          | 11.3                                 | Penzance ...          | 5                 | 61           | 46   | n, bc     | bc, b      | 11.9                                 |
| England.  | Cromer ...          | 59           | 51   | cg        | cg         | 3.3                                  | Newquay ...           | 4                 | 57           | 43   | bc, bv    | bv         | 9.5                                  |
|           | Lowestoft ...       | 57           | 49   | op, c     | or         | 0.1                                  | Ilfracombe ...        |                   | 61           | 52   | z, b      | bz         | 10.7                                 |
|           | Felixstowe ...      | 57           | 45   | cp        | or         | 0.2                                  | Weston-super-Mare ... |                   | 61           | 42   | b         | b          | 10.1                                 |
|           | Walton-on-Naze ...  | 56           | 44   | c, or     | or, bc     | 0.3                                  |                       |                   |              |      |           |            |                                      |
|           | Southend-on-Sea ... | 59           | 45   | b, bc, c  | cp, c, o   | 3.9                                  |                       |                   |              |      |           |            |                                      |

† is sunset

## LONDON OBSERVATIONS.

| STATIONS.   | HUMIDITY.                 |                   | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |                   | Rain-<br>fall.  | WEATHER.       |                 |          |
|---|---------------------------|-------------------|---|--|-------------------|-----------------|----------------|-----------------|----------|
|   | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-day. |   | In Screen.   | Min. on<br>Grass. |                 | Fore-<br>noon. | After-<br>noon. | Night.   |
|   |                           |                   |   | Max.   | Min.              |                 |                |                 |          |
|   |                           |                   |   | 24 HOURS ENDED 9 A.M. TO-DAY.  |                   |                 |                |                 |          |
| Greenwich (Royal Obs.) ...  | 61                        | 67                | 6.9                                     | 61   | 44                | 0.3             | bc             | bc, o           | o, bc, b |
| City (Bunhill Row) ...  | *                         | *                 | 6.0                                     | *  | *                 | *               | *              | *               | *        |
| Westminster (St. James's Pk.) ...                                       | 68                        | 55                | 6.2                                     | 61   | 46                | 1               | bc, o          | o, op           | b        |
| Camden Sq. (Brit. Rainfall) ...   | 70                        | 70                | 6.3                                     | 63   | 44                | 42              | 2, bc          | bc, c           | *        |
| Hampstead (Reservoir) ...   | *                         | 68                | 6.9                                     | 58   | 41                | 33              | bc, op         | b               | b        |
| Richmond Park ...   | *                         | *                 | 6.5                                     |  |                   |                 |                |                 |          |
| Kew. (See front page.)  |                           |                   |   |  |                   |                 |                |                 |          |
| (Greenwich and Camden Square air temperatures are in Glaisher screens.) |                           |                   |   |  |                   |                 |                |                 |          |
| S. Kensington (Roof of M.O.)  | 66                        | 64                | 5.6                                     | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                   |                 |                |                 |          |
|   |                           |                   |   | Total.   | Average Rate.     | Max. Rate.      |                |                 |          |
|   |                           |                   |   | 12.66 Joules   | 2.62 Milliwatts.  | 6.9 Milliwatts. |                |                 |          |

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

| ... 4th & 5th Sept. 1915. | Sunrise. | Noon.  | Sunset. |
|---------------------------|----------|--------|---------|
| G.M.T.                    | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...              | 5.9      | 11.52  | 6.35    |
| Greenwich ...             | 5.18     | 11.59  | 6.40    |
| Wick ...                  | 5.15     | 12.11  | 7.3     |
| Valencia ...              | 5.38     | 12.40  | 7.22    |

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## Additional Observations for Yesterday.

| STATIONS.                  | RAIN-<br>FALL. | TEMPERATURE. |                               | WEATHER. |                 | Sun-<br>shine<br>for<br>Yester-<br>day. |
|----------------------------|----------------|--------------|-------------------------------|----------|-----------------|---|
|                            |                | In Screen.   | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon.  |   |
|                            |                | Max.         | Min.                          |          | After-<br>noon. |   |
|                            |                |              |                               |          |                 |   |
| Dublin to 4 p.m.           | mm.†           | ° F.         | ° F.                          | ° F.     |                 | Hr.                                     |
| Darwen to 9 p.m.           | 1              | 58           | 42                            | 39       | bc, c           | b, c                                    |
| Manchester "               |                |              |                               |          |                 |   |
| Birmingham "               |                |              |                               |          |                 |   |
| Oxford to 8 p.m.           | *              | 63           | 45                            | 41       | b, bc           | bc                                      |
| Teignmouth to 9,           |                |              |                               |          |                 |   |
| Plymouth "                 |                |              |                               |          |                 |   |
| S. Kensington              | 0.1            | 60           | 46                            | 41       | o, bc, bc       | c, or, op, bc                           |
| (Museum Grounds to 6 p.m.) |                |              |                               |          |                 |   |

## NOTES ON YESTERDAY'S WEATHER.

Over considerable portions of the United Kingdom the thermometer failed to reach 60°, and in the north of Scotland it did not exceed 55°. Showers fell in many parts of Great Britain, hail at Falmouth, and heavy rain at Dover and Clacton-on-Sea.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 248.

Sunday  
5<sup>th</sup> September 1915.

| STATIONS.                   | YESTERDAY EVENING.                    |              |        |                |          |   | THIS MORNING 7 A.M., G.M.T. |              |     |        |                |                                 |          |               |                                     |       | PAST 24 HOURS. |             |             |               |        |  | Sun-<br>shine<br>for<br>Yester-<br>day. |
|-----------------------------|---------------------------------------|--------------|--------|----------------|----------|---|-----------------------------|--------------|-----|--------|----------------|---------------------------------|----------|---------------|-------------------------------------|-------|----------------|-------------|-------------|---------------|--------|--|---|
|                             | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.  |                | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 24<br>hours.   | TEMP.<br>°F. | °F. | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>(0-9). | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |                | WEATHER.    |             |               |        |  |   |
|                             |                                       |              | Direc. | Force<br>0-12. |          |   |                             |              |     | Direc. | Force<br>0-12. |                                 |          |               |                                     | Max.  | Min.           | Morning.    | Afternoon.  | Night.        |        |  |   |
| Lerwick ...                 | 1017.0                                | 52           | N      | 2              | c        | 1018.9                                    | +1                          | 49           | -2  | NW     | 2              | -                               | om       | 1             | 0.2                                 | 54    | 48             | c.o         | c           | c. om         | Hours. |  |   |
| Deerness ...                | 1017.3                                | 51           | NW     | 1              | bc       | 1019.6                                    | +                           | 51           | +1  | S      | 1              | SW                              | o        | 0             | 9                                   | 55    | 48             | c.op        | c. bc       | bc. c.o       | 0.8    |  |   |
| Stornoway ...               | 1019.0                                | 52           | -      | 0              | o        | 1019.3                                    | +1                          | 52           | +4  | SSW    | 4              | -                               | o        | 3             | 1                                   | 54    | 42             | of          | of. o       | o. b. o       | 0.2    |  |   |
| Castlebay (Barrisd.)        | 1018.6                                | 53           | WSW    | 3              | o        | 1019.5                                    | 0                           | 56           | +5  | SSW    | 3              | -                               | o        | 3             | Trace                               | 56    | 49             | o           | o. c. o     | bc. op. o     | 0.8    |  |   |
| Glasgow ...                 | 1018.3                                | 56           | W      | 1              | b        | 1022.1                                    | +2                          | 45           | +5  | W      | 1              | NW                              | bc       | -             | -                                   | 60    | 39             | bc. bz      | bc. z. b    | b. bc. m. w   | 8.6    |  |   |
| Eskdalemuir ...             | 1018.7                                | 52           | SW     | 2              | b        | 1023.5                                    | +2                          | 40           | +6  | -      | 0              | -                               | fw       | -             | 0.1                                 | 59    | 31             | b           | b           | bx. w. f      | 11.5   |  |   |
| Malin Head ...              | 1019.5                                | 55           | N      | 2              | bc       | 1021.0                                    | +1                          | 51           | +1  | S      | 2              | SW                              | bc       | 1             | Trace                               | 55    | 46             | cg          | bc          | bc            | 0.4    |  |   |
| Blackod Point ...           | 1019.6                                | 56           | SSW    | 2              | bcv      | 1019.7                                    | 0                           | 55           | +2  | S      | 4              | S                               | cm       | 3             | -                                   | 59    | 51             | bcv         | bcv         | bc. cm        | 0.4    |  |   |
| Valencia ...                | 1020.7                                | 59           | SSW    | 1              | c        | 1021.7                                    | +1                          | 56           | +10 | SE     | 2              | W                               | o        | 4             | -                                   | 61    | 45             | bc          | bc          | bc. o         | 9.9    |  |   |
| Roche's Point ...           | 1021.6                                | 57           | SW     | 2              | o        | 1024.0                                    | +                           | 53           | +3  | N      | 1              | SW                              | c        | 1             | -                                   | 62    | 49             | bc. c. o    | og          | o. c          | *      |  |   |
| Birr Castle ...             | 1020.3                                | 57           | SW     | 1              | o        | 1022.9                                    | +                           | 48           | +1  | SW     | 1              | -                               | b        | +             | -                                   | 59    | 45             | o           | o           | b             | 0.0    |  |   |
| Donaghadee ...              | 1019.0                                | 54           | N      | 2              | bcv      | 1022.0                                    | +2                          | 48           | -2  | SW     | 2              | SW                              | cm       | 1             | -                                   | 57    | 47             | bc          | bcv         | bc. cm        | *      |  |   |
| Liverpool (Bidston) ...     | 1019.5                                | 55           | W      | 1              | b        | 1023.2                                    | +2                          | 51           | +1  | SW     | 2              | SW                              | c        | 2             | -                                   | 59    | 48             | od          | b           | c. b          | 6.7    |  |   |
| Holyhead ...                | 1019.5                                | 56           | WNW    | 3              | bc       | 1023.0                                    | +2                          | 55           | +3  | W      | 2              | -                               | og       | 1             | ?                                   | 60    | 50             | op. op. c   | bc          | b. bc. c. o   | 1.2    |  |   |
| Pembroke (St. Ann's) ...    | 1020.3                                | 55           | WNW    | 1              | bc       | 1024.7                                    | +1                          | 55           | +5  | SSW    | 2              | S                               | cu       | 2             | Trace                               | 59    | 49             | cp          | bc          | bc            | 6.3    |  |   |
| BRITISH ISLANDS.            |                                       |              |        |                |          |   |                             |              |     |        |                |                                 |          |               |                                     |       |                |             |             |               |        |  |   |
| Scilly (St. Mary's) ...     | 1020.5                                | 58           | NNW    | 2              | bc       | 1024.0                                    | +2                          | 54           | +2  | -      | 0              | N                               | b        | 2             | -                                   | 63    | 48             | c           | bc          | b             | 5.7    |  |   |
| Falmouth ...                | 1020.3                                | 58           | NW     | 1              | b        | 1024.8                                    | +2                          | 48           | -1  | NW     | 1              | -                               | b        | 1             | -                                   | 63    | 44             | cp          | c. b. bc. b | bw            | 6.3    |  |   |
| Jersey (St. Aubin) ...      | 1019.1                                | 59           | N      | 3              | b        | 1025.0                                    | +                           | 52           | -3  | NW     | 2              | -                               | b        | 1             | -                                   | 62    | 44             | b           | b           | bw            | 11.7   |  |   |
| Portland Bill ...           | 1018.4                                | 60           | NW     | 3              | b        | 1023.8                                    | +3                          | 57           | +6  | WNW    | 1              | -                               | b        | 1             | -                                   | 64    | 50             | b. bc       | bc          | b             | *      |  |   |
| Dungeness ...               | 1016.5                                | 59           | NNE    | 3              | bc       | 1023.2                                    | +4                          | 47           | -4  | NNW    | 2              | -                               | b        | 2             | -                                   | 63    | 41             | c. bc. g    | c. bc       | b. bc. m      | *      |  |   |
| Dover ...                   | 1017.2                                | 55           | NNE    | 3              | bc       | 1023.8                                    | +4                          | 50           | -2  | NW     | 3              | -                               | b        | 2             | -                                   | 61    | 46             | cr. bc. c   | c. bc       | c. bc. b      | 3.7    |  |   |
| Wick ...                    | 1017.9                                | 53           | NW     | 1              | o        | 1019.6                                    | +1                          | 50           | +1  | WNW    | 1              | -                               | o        | 1             | 2                                   | 56    | 48             | c. om. d    | om. d       | om            | *      |  |   |
| Nairn ...                   | 1017.5                                | 56           | -      | 0              | cg       | 1020.6                                    | +                           | 52           | +3  | -      | 0              | -                               | c        | 0             | 1                                   | 60    | 48             | bc. c       | cg          | og. p         | 0.7    |  |   |
| Aberdeen ...                | 1017.7                                | 55           | S      | 2              | o        | 1020.6                                    | +2                          | 50           | +4  | -      | 0              | SW                              | b        | 1             | -                                   | 62    | 45             | b. bc. v    | b. bc. c. o | c. bc. b      | 6.5    |  |   |
| Leith ...                   | 1016.8                                | 58           | SW     | 1              | bc       | 1021.6                                    | +2                          | 50           | +4  | SW     | 2              | -                               | b        | 1             | -                                   | 61    | 44             | c. bc. c    | c. bc       | bc. b         | *      |  |   |
| Tynemouth ...               | 1018.2                                | 55           | ESE    | 1              | b        | 1020.9                                    | +2                          | 46           | +3  | W      | 1              | -                               | b        | 3             | -                                   | 59    | 42             | b           | b           | bm            | *      |  |   |
| Spurn Head ...              | 1017.7                                | 56           | NNE    | 4              | bc       | 1022.6                                    | +1                          | 51           | +2  | NW     | 4              | -                               | b        | 4             | Trace                               | 62    | 46             | bc. g       | bc          | bc            | 9.6    |  |   |
| Yarmouth ...                | 1016.6                                | 56           | NE     | 3              | bc       | 1022.5                                    | +5                          | 49           | -5  | N      | 2              | N                               | b        | 2             | 2                                   | 60    | 46             | bc          | bc          | ol. bc. p     | 2.5    |  |   |
| Clacton-on-Sea ...          | 1016.8                                | 59           | NNW    | 4              | c        | 1023.5                                    | +6                          | 48           | -4  | NNW    | 2              | -                               | b        | 1             | -                                   | 61    | 44             | bc. c       | c. bc. c    | c. bc. bc. w  | 5.8    |  |   |
| Nottingham ...              | 1018.4                                | 56           | NE     | 1              | b        | 1024.0                                    | +                           | 39           | -2  | W      | 1              | -                               | bm       | 1             | -                                   | 62    | 37             | b           | bm          | bm            | 9.0    |  |   |
| Bath ...                    | 1018.2                                | 60           | W      | 1              | b        | 1024.7                                    | +                           | 39           | -5  | N      | 1              | -                               | b        | 1             | -                                   | 64    | 36             | m. b. bc. c | bc. b       | bm            | 10.1   |  |   |
| St. Farnborough ...         | 1017.7                                | 57           | NNW    | 2              | b        | 1024.2                                    | +4                          | 35           | -9  | -      | 0              | -                               | bm. c    | 1             | -                                   | 62    | 33             | b. bc       | bc. b       | bm. c         | 11.4   |  |   |
| London (Kew Obsy.) ...      | 1017.9                                | 60           | N      | 2              | bc       | 1024.7                                    | +3                          | 44           | -4  | WSW    | 1              | -                               | b        | 1             | -                                   | 62    | 42             | bm. b. bc   | bc          | bc. by. bm. d | 11.2   |  |   |
| NORTHERN EUROPE.            |                                       |              |        |                |          |   |                             |              |     |        |                |                                 |          |               |                                     |       |                |             |             |               |        |  |   |
| Spitsbergen ...             | 1019.8                                | 36           | S      | 6              | c        | 1018.6                                    | +2                          | 34           | ?   | -      | 0              | +                               | f        | 1             | +                                   | 37    | 32             | -           | -           | -             | -      |  |   |
| Vardö ...                   | 1013.6                                | 46           | NE     | 5              | o        | 1017.2                                    | +2                          | 45           | -3  | NE     | 5              | -                               | o        | 3             | +                                   | 48    | 44             | -           | -           | -             | -      |  |   |
| Bodö ...                    | 1012.6                                | 48           | SW     | 2              | r        | 1014.7                                    | +2                          | 50           | +2  | -      | 0              | -                               | c        | 1             | +                                   | 50    | 45             | -           | -           | -             | -      |  |   |
| Christiansund ...           | 1016.2                                | 50           | SW     | 2              | c        | 1017.7                                    | +2                          | 50           | 0   | -      | 0              | -                               | r        | 1             | +                                   | 50    | 48             | -           | -           | -             | -      |  |   |
| Skudesnaes ...              | 1015.3                                | 52           | N      | 2              | b        | 1016.7                                    | +1                          | 54           | 0   | N      | 2              | -                               | b        | 2             | -                                   | 57    | 46             | -           | -           | -             | -      |  |   |
| Færder (Xianla fjord) ...   | 1012.6                                | 61           | SW     | 1              | b        | 1013.5                                    | +1                          | 54           | +2  | N      | 2              | SE                              | b        | 1             | -                                   | 63    | 52             | -           | -           | -             | -      |  |   |
| The Scaw (Skagen) ...       | 1012.2                                | 59           | NNE    | 2              | b        | 1013.1                                    | 0                           | 61           | 0   | NNE    | 1              | -                               | bc       | 1             | -                                   | 63    | 55             | -           | -           | -             | -      |  |   |
| Blaavands Huk ...           | 1012.3                                | 59           | N      | 2              | b        | 1015.7                                    | +3                          | 57           | +9  | NNW    | 4              | -                               | c        | 4             | 13                                  | 63    | 48             | -           | -           | -             | -      |  |   |
| Haparanda ...               | 1012.8                                | 50           | SW     | 2              | o        | 1013.3                                    | 0                           | 50           | +2  | E      | 2              | -                               | o        | 2             | 2                                   | 54    | 46             | -           | -           | -             | -      |  |   |
| Hernösand ...               | 1013.0                                | 55           | -      | 0              | c        | 1015.0                                    | 0                           | 50           | 0   | -      | 0              | W                               | b        | 1             | Trace                               | 59    | 48             | -           | -           | -             | -      |  |   |
| Stockholm ...               | 1012.2                                | 55           | SE     | 2              | w        | 1012.3                                    | 0                           | 54           | +2  | NE     | 2              | SW                              | bc       | 1             | -                                   | 61    | 46             | -           | -           | -             | -      |  |   |
| Wisby ...                   | 1010.0                                | 57           | NE     | 2              | b        | 1017.5                                    | 0                           | 59           | 0   | NNE    | 6              | -                               | c        | 4             | -                                   | 64    | 54             | -           | -           | -             | -      |  |   |
| Karlstad ...                | 1012.3                                | 59           | -      | 0              | b        | 1013.1                                    | ?                           | 48           | 0   | N      | 2              | -                               | b        | 1             | -                                   | 64    | 43             | -           | -           | -             | -      |  |   |
| Petrograd (S. A. M. T.) ... | 1012.3                                | 59           | -      | 0              | b        | 1013.1                                    | ?                           | 48           | 0   | N      | 2              | -                               | b        | 1             | -                                   | 64    | 43             | -           | -           | -             | -      |  |   |
| FRANCE, &c.                 |                                       |              |        |                |          |   |                             |              |     |        |                |                                 |          |               |                                     |       |                |             |             |               |        |  |   |
| The Heider ...              | 1013.2                                | 59           | N      | 2              | b        | 1019.9                                    | +5                          | 57           | +2  | NNW    | 4              | -                               | c        | 3             | -                                   | 63    | 55             | -           | -           | -             | -      |  |   |
| C. Gris Nez ...             | 1016.0                                | 57           | N      | 5              | c        | 1023.1                                    | +4                          | 55           | -1  | NNW    | 5              | -                               | b        | 4             | 4                                   | 59    | 52             | -           | -           | -             | -      |  |   |
| La Hève ...                 | 1017.1                                | 57           | NNW    | 4              | o        | 1023.3                                    | +                           | 57           | -   | -      | 0              | +                               | m        | 1             | -                                   | 59    | 48             | -           | -           | -             | -      |  |   |
| Ushant ...                  | 1020.7                                | 59           | W      | 1              | c        | 1024.7                                    | +                           | 57           | +1  | WNW    | 1              | +                               | bc       | 2             | -                                   | 68    | 52             | -           | -           | -             | -      |  |   |
| Brest (St. Mathieu) ...     | 1023.3                                | 61           | NW     | 4              | b        | 1025.5                                    | +2                          | 54           | -1  | SE     | 2              | +                               | c        | 2             | -                                   | 63    | 54             | -           | -           | -             | -      |  |   |
| Rochefort (Ile d'Als) ...   | 1018.9                                | 61           | NW     | 6              | b        | 1025.6                                    | +4                          | 55           | -2  | ENE    | 2              | +                               | b        | 1             | -                                   | 64    | 50             | -           | -           | -             | -      |  |   |
| Biarritz ...                | 1020.0                                | 64           | NW     | 2              | bc       | 1024.4                                    | +2                          | 55           | +1  | SE     | 2              | +                               | c        | 3             | 14                                  | 66    | 52             | -           | -           | -             | -      |  |   |
| Paris ...                   | 1015.0                                | 55           | NNW    | 4              | b        | 1023.4                                    | +4                          | 55           | +5  | NNW    | 1              | -                               | b        | 1             | -                                   | 64    | 50             | -           | -           | -             | -      |  |   |
| Belfort ...                 | 1014.4                                | 48           | W      | 6              | r        | 1022.0                                    | +                           | 48           | +2  | W      | 6              | +                               | m        | 0             | 14                                  | 53    | 46             | -           | -           | -             | -      |  |   |
| Lyons ...                   | 1014.1                                | 54           | WNW    | 1              | o        | 1023.1                                    | +                           | 52           | +4  | NW     | 3              | +                               | o        | 3             | 56                                  | 48    | -              | -           | -           | -             | -      |  |   |
| Nice ...                    | 1005.6                                | 60           | NW     | 2              | c        | 1013.2                                    | +4                          | 64           | +5  | E      | 2              | +                               | b        | 2             | -                                   | 75    | 55             | -           | -           | -             | -      |  |   |
| Perpignan ...               | 1016.7                                | 64           | NW     | 5              | bc       | 1023.5                                    | +3                          | 61           | +2  | W      | 3              | -                               | b        | 0             | -                                   | 72    | 54             | -           | -           | -             | -      |  |   |
| Sanguinaire ...             | 1016.7                                | 64           | NW     | 5              | bc       | 1023.5                                    | +3                          | 61           | +2  | W      | 3              | -                               | b        | 0             | -                                   | 72    | 54             | -           | -           | -             | -      |  |   |
| SOUTHERN EUROPE.            |                                       |              |        |                |          |   |                             |              |     |        |                |                                 |          |               |                                     |       |                |             |             |               |        |  |   |
| Corunna (7 a.m.) ...        | 1022.1                                | 64           | NNE    | 3              | b        | 1023.3                                    | 0                           | 52           | -11 | NE     | 1              | NW                              | c        | 2             | -                                   | 64    | 48             | -           | -           | -             | -      |  |   |
| Madrid (8 a.m.) ...         | 1016.4                                | 66           | -      | 0              | bc       | 1024.6                                    | +3                          | 55           | +1  | NNE    | 1              | -                               | b        | 1             | -                                   | 70    | 50             | -           | -           | -             | -      |  |   |
| Lisbon (9 a.m.) ...         | 1018.7                                | 68           | NNW    | 5              | b        | 1019.5                                    | +2                          | 62           | -1  | N      | 2              | N                               | b        | 5             | -                                   | 72    | 59             | -           | -           | -             | -      |  |   |
| Gibraltar ...               | 1014.1                                | 64           | 3      | 1              | r        | 1015.0                                    | +                           | 68           | +   | SW     | 1              | -                               | b        | 1             | -                                   | 75    | 63             | -           | -           | -             | -      |  |   |
| Rome ...                    | 1014.1                                | 64           | 3      | 1              | r        | 1015.0                                    | +3                          | 68           | +   | SW     | 1              |                                 |          |               |                                     |       |                |             |             |               |        |  |   |

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

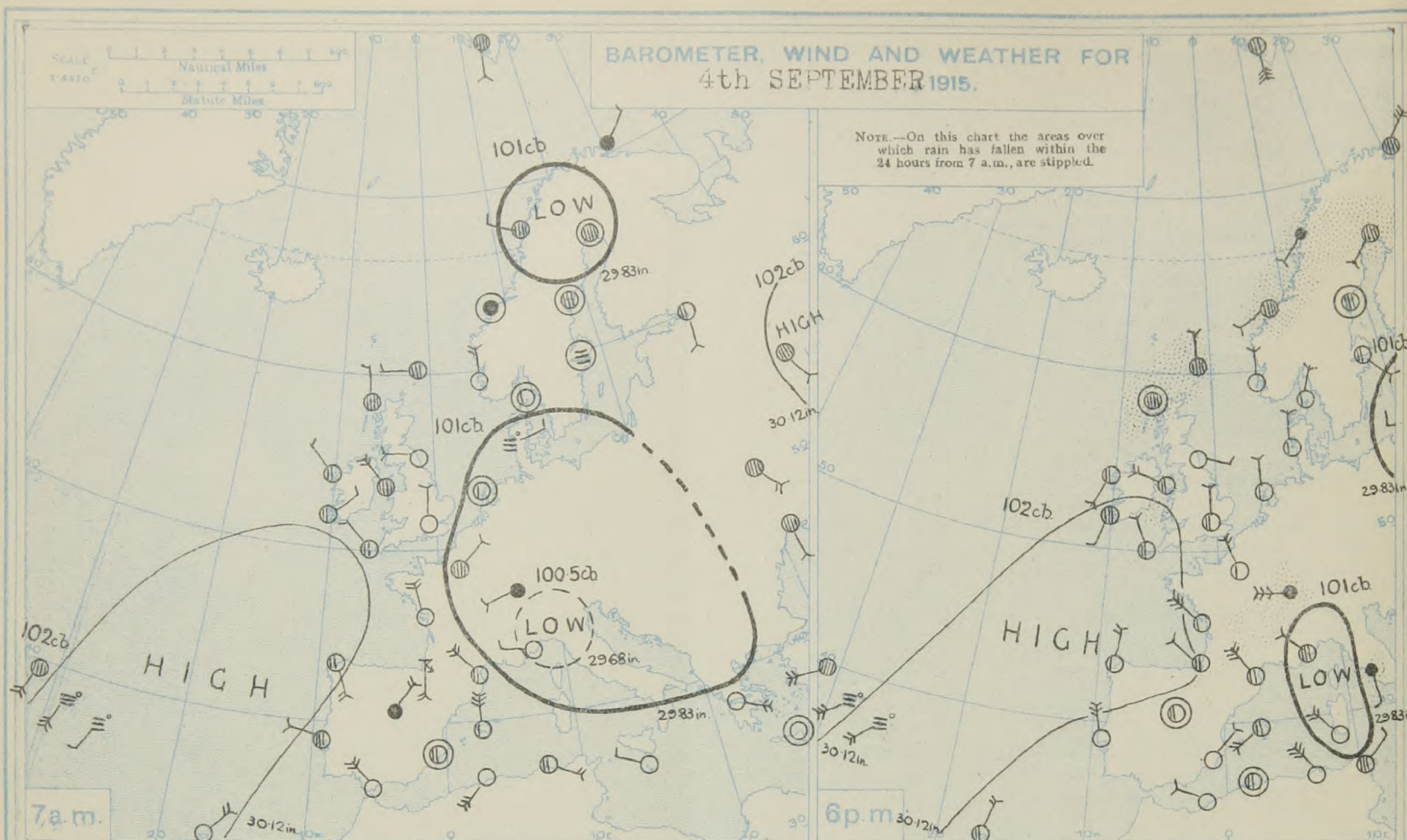
| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.61    |
| 17  | 0.67    | 42  | 1.65    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |
| 21  | 0.83    | 46  | 1.81    |
| 22  | 0.87    | 47  | 1.85    |
| 23  | 0.91    | 48  | 1.89    |
| 24  | 0.95    | 49  | 1.93    |
| 25  | 0.98    | 50  | 1.97    |

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

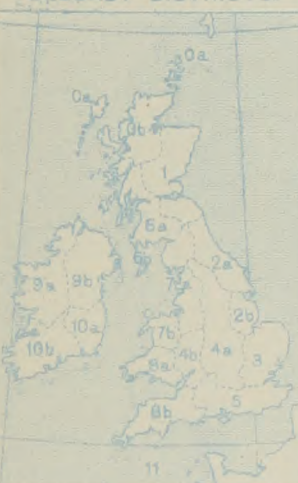
\* ‡ The barometric change is expressed in half-millibars.





FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Coast.               | South Coast.                  |
| North Coast.               | North Coast.                  |

No Warnings Issued.

Western Channel and Bay 11

- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | Wind light or moderate Southerly; some local showers, otherwise fair; milder.                         |
|    | b |   |   |
| 1  |   | } | Wind light or moderate between West and South; fair generally; milder.                                |
| 2  | a |   |   |
|    | b |   |   |
| 3  |   | } | Wind light between North and West; some local mist, otherwise fair or bright; day temperature higher. |
| 4  | a |   |   |
|    | b |   |   |
| 5  |   | } | Same as Nos. 1 and 2a.  |
| 6  | a |   |   |
|    | b |   |   |
| 7  | a | } | Wind light from South-West or South; fair or bright generally; temperature rising.                    |
| 8  | b |   |   |
| 9  | a | } | Southerly winds, light or moderate; fair generally, some showers on western seaboard; milder.         |
| 10 | b |   |   |
| 11 |   | } | Wind South-Westerly, light or moderate; sea slight or smooth; fair or bright.                         |
|    |   |   |   |

FURTHER OUTLOOK.

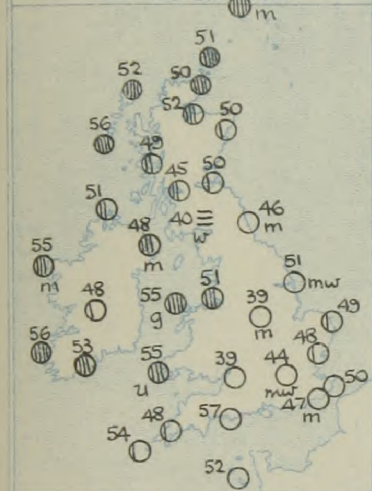


# SYNOPTIC CHART FOR 7 a.m., SUNDAY, 5th SEPTEMBER, 1915.

## GENERAL INFERENCE.

The pressure distribution will continue anticyclonic over these Islands for a time.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



### 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 1/2 clouded. ○ sky 3/4 clouded.  
○ sky 1/2 clouded. ○ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
⚡, thunderstorm.
- SEA DISTURBANCE.**—Rough. High.

Inches.  
31

30

29

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 SEPTEMBER.

30.12 in.

LOW

102cb

60°

52

55

57

54

55

56

52

51

50

49

48

47

46

45

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## DAILY WEATHER REPORT.

Sunday, 5<sup>th</sup> September 1915.REPORTS  
FOR  
YESTERDAY.4<sup>th</sup> September

| STATIONS.   | EVENING OBSERVATIONS.             |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |              |                           |        |                |                                 |          |             |      | Rain-fall.<br>Milli-metres. | TEMP. |  |
|-------------|-----------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|------|-----------------------------|-------|--|
|             | BAROM.<br>Milli-bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                             | Min.  |  |
|             |                                   |       | Direc. | Force<br>0-12. |          | Milli-bars at<br>M.S.L.        | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |      |                             |       |  |
|             |                                   | °F.   |        |                |          |                                |                          | °F.          | °F.                       |        |                |                                 |          |             |      |                             |       |  |
| Spitzbergen | 10169                             | 36    | SSSE   | 6              | 0        | 10146                          | 0                        | ?            | ?                         | S      | 2              | +                               | 0        | *           | *    | 56                          | 32    |  |
| Vardo       | 10091                             | 46    | NE     | 3              | 0        | 10113                          | 0                        | 48           | +3                        | NE     | 1              | -                               | 12       | *           | *    | 48                          | 43    |  |
| Petrograd   | 10120                             | 55    | S      | 3              | 0        | 10137                          | +2                       | 54           | 0                         | S      | 2              | -                               | 3c       | *           | 2    | 63                          | 50    |  |
| Madrid      | 10104                             | 64    | N      | 4              | C        | 10175                          | +6                       | 54           | -1                        | NE     | 2              | -                               | 12       | *           | -    | 70                          | 54    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.      | Rainfall.                | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS.         | Rainfall.                  | TEMPERATURE.            |                   | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |           |      |
|----------------|--------------------------|--------------|------|-----------|------------|-------------------------------|-------------------|----------------------------|-------------------------|-------------------|-----------|------------|-------------------------------|-----------|------|
|                |                          | Max.         | Min. | Forenoon. | Afternoon. |                               |                   |                            | Max.                    | Min.              | Forenoon. | Afternoon. |                               |           |      |
|                | mm. &                    | ° F.         | ° F. |           |            | Hr.                           |                   | mm. &                      | ° F.                    | ° F.              |           |            | Hr.                           |           |      |
| Scotland.      | { Oban ... ..            | -            | 58   | 47        | bc         | c                             | 0.4               | { Tunbridge Wells ... ..   | -                       | 64                | 45        | bc. bc. bc | bc                            | 10.0      |      |
|                | { Banff ... ..           | -            | 56   | 48        | o. c. bc   | bc. bc                        | 3.4               |                            | { Margate ... ..        | 15                | 59        | 51         | c                             | c         | 0.5  |
|                | { Carnoustie ... ..      | -            | 59   | 43        | bc         | bc. c                         | 10.2              |                            | { Ramsgate ... ..       | 24                | 58        | 50         | o. c                          | c. op. c  | 1.4  |
|                | { St. Andrews ... ..     | -            | -    | -         | *          | *                             | -                 |                            | { Hastings ... ..       | -                 | -         | -          | -                             | -         | -    |
| Eng.<br>N.E.   | { Harrogate ... ..       | -            | 60   | 38        | bc         | bc                            | 11.5              | { England, S.E.            | { Bexhill-on-Sea ... .. | 1                 | 63        | 43         | bc                            | c         | 8.0  |
|                | { Skegness ... ..        | -            | 59   | 42        | c. bc      | bc. bc                        | 10.4              |                            | { Eastbourne ... ..     | -                 | 65        | 53         | bc                            | bc        | 10.8 |
|                | { Morecambe ... ..       | -            | -    | -         | -          | -                             | -                 |                            | { Seaford ... ..        | -                 | 64        | 45         | bc                            | bc        | 10.7 |
| Eng.<br>N.W.   | { Blackpool ... ..       | 2            | 60   | 39        | bc         | bc                            | 12.0              |                            | { Brighton ... ..       | -                 | 63        | 44         | bc                            | bc        | 12.2 |
|                | { Southport ... ..       | -            | 59   | 39        | bc         | bc                            | 11.0              |                            | { Worthing ... ..       | -                 | 62        | 45         | bc                            | bc        | 11.4 |
|                | { Buxton ... ..          | -            | 57   | 33        | bc         | bc                            | 6.5               |                            | { Littlehampton ... ..  | -                 | 62        | 45         | bc                            | bc        | 11.0 |
| Midlands.      | { Leamington Spa ... ..  | -            | 62   | 38        | bc         | bc                            | 8.8               |                            | { Bognor ... ..         | -                 | 62        | 45         | bc                            | bc        | 11.0 |
|                | { Malvern ... ..         | -            | -    | -         | -          | -                             | -                 |                            | { Southsea ... ..       | -                 | -         | -          | -                             | -         | -    |
|                | { Ross-on-Wye ... ..     | -            | 65   | 36        | bc. bc     | bc. bc                        | 11.5              |                            | { Bournemouth ... ..    | -                 | 64        | 41         | bc                            | bc        | 11.2 |
|                | { Rhyl ... ..            | -            | 60   | 40        | bc         | bc                            | 8.3               |                            | { England, S.W.         | { Weymouth ... .. | -         | 65         | 46                            | bc        | bc   |
| Wales.         | { Colwyn Bay ... ..      | -            | -    | -         | -          | -                             | { Torquay ... ..  | -                          |                         | 65                | 43        | bc. bc     | bc. bc                        | 9.5       |      |
|                | { Llandudno ... ..       | -            | -    | -         | -          | -                             | { Paignton ... .. | -                          |                         | 66                | 43        | bc         | bc                            | 9.3       |      |
|                | { Aberystwyth ... ..     | -            | 59   | 39        | o. c       | c. bc                         | 6.5               | { Falmouth ... ..          |                         | -                 | 63        | 47         | cp                            | c. bc. bc | 5.8  |
|                | { Tenby ... ..           | 1            | 62   | 39        | bc. bc. op | bc                            | 11.7              | { Penzance ... ..          |                         | -                 | 63        | 49         | bc. c                         | o. bc     | 7.0  |
| England,<br>E. | { Cromer ... ..          | 2            | 59   | 53        | bc. op     | c. op                         | 4.5               | { Newquay ... ..           |                         | -                 | 60        | 54         | bc. bc                        | bc. bc    | 6.5  |
|                | { Lowestoft ... ..       | -            | -    | -         | -          | -                             | -                 | { Ilfracombe ... ..        |                         | -                 | 60        | 46         | bc. bc                        | bc        | 10.0 |
|                | { Felixstowe ... ..      | 13           | 61   | 48        | c          | bc. c                         | 4.0               | { Weston-super-Mare ... .. |                         | -                 | -         | -          | -                             | -         | -    |
|                | { Walton-on-Naze ... ..  | 10           | 60   | 48        | bc. c      | c. bc. c                      | 4.3               |                            |                         |                   |           |            |                               |           |      |
|                | { Southend-on-Sea ... .. | 0.3          | 65   | 46        | bc         | bc. bc                        | 9.8               |                            |                         |                   |           |            |                               |           |      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |         |                                   | Rain-<br>fall. | WEATHER.                     |                 |           |
|--|---------------------------|-----------------------|---|--|---------|-----------------------------------|----------------|------------------------------|-----------------|-----------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |         | Min. on<br>Grass.                 |                | Fore-<br>noon.               | After-<br>noon. | Night.    |
|  |                           |                       |   | Max.   | Min.    |                                   |                |                              |                 |           |
|  |                           |                       |   |  |         |                                   |                |                              |                 |           |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |  |         |                                   |                |                              |                 |           |
| Greenwich (Royal Obs.) ...   | % 55                      | % 76                  | Hr. 70                                  | ° F. 64  | ° F. 40 | ° F. 30                           | mm. §          | bc                           | bc. c.          | bc. m     |
| City (Bunhill Row) ...   | %                         | %                     | 9.8                                     | *  | *       | *                                 | *              | *                            | *               | *         |
| Westminster (St. James's Pk.)  | 60                        | 79                    | 10.4                                    | 64   | 41      | 41                                | -              | bc                           | bc              | bc m bc m |
| Camden Sq. (Brit. Rainfall)  | 54                        | 81                    | 8.9                                     | 66   | 41      | 39                                | -              | bc                           | c. bc           | *         |
| Hampstead (Reservoir) ...  | %                         | 74                    | 10.8                                    | 60   | 42      | 28                                | -              | bc                           | bc              | bc        |
| Richmond Park  | ...                       | *                     | 10.2                                    | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |         |                                   |                |                              |                 |           |
| Kew. (See front page.)   |                           |                       |   |  |         |                                   |                |                              |                 |           |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   |  |         |                                   |                |                              |                 |           |
| S. Kensington (Roof of M.O.)   | 49                        | 72                    | 10.6                                    | Total.<br>1605 Joules  |         | Average Rate.<br>38.4 Milliwatts. |                | Max. Rate.<br>77 Milliwatts. |                 |           |

## Additional Observations for Yesterday.

| STATIONS.                                | Rain-<br>fall.<br>mm. & . | TEMPERATURE. |                            | WEATHER. |                | Sun-<br>shine<br>for<br>Yester-<br>day.<br>Hr. |
|--|---------------------------|--------------|----------------------------|----------|----------------|--|
|  |                           | In Screen.   | Night<br>Min. on<br>Grass. | Night.   | Fore-<br>noon. |  |
|  |                           | Max.         | Min.                       |          |                |  |
| Dublin to 4 p.m.                         | -                         | 58           | 47                         | 44       | o.p.           | 9.0  |
| Darwen to 9 p.m.                         | -                         | 61           | 41                         | 35       | bc.            | 8.9  |
| Manchester "                             | trace                     | 60           | 40                         | 28       | bc.            | 1.5  |
| Birmingham "                             | -                         | 61           | 42                         | 28       | bc.            | 5.5  |
| Oxford to 8 p.m.                         | -                         | 62           | 40                         | 30       | bc.            | 8.3  |
| Teignmouth to 9 "                        | -                         | 63           | 45                         | 43       | bc.            | 8.7  |
| Plymouth "                               | 0.3                       | 63           | 44                         | -        | bc.            | 8.7  |
| S. Kensington (Museum Grounds to 8 p.m.) | Trace                     | 64           | 45                         | 38       | bc.            | 8.7  |

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

| 5 <sup>th</sup> & 6 <sup>th</sup> September 1915. | Sunrise. | Noon.  | Sunset. |
|---|----------|--------|---------|
|   | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                                      | 5.11     | 11.52  | 6.32    |
| Greenwich ...                                     | 5.12     | 11.51  | 6.30    |
| Wick ...  | 5.20     | 11.59  | 6.37    |
| Valencia ...                                      | 5.21     | 11.58  | 6.35    |
|   | 5.21     | 12.11  | 7.07    |
|   | 5.23     | 12.10  | 7.07    |
|   | 6.0      | 12.40  | 7.19    |
|   | 6.1      | 12.39  | 7.17    |

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 60° or a little above in most parts of the Kingdom, but during the night it fell to 33° at South Farnborough, and to 31° at Eskdalemuir. The distribution of bright sunshine was very irregular; at several stations the record was more than 10 hours, while at others it was very low.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 249.

Monday,  
6th September 1915.

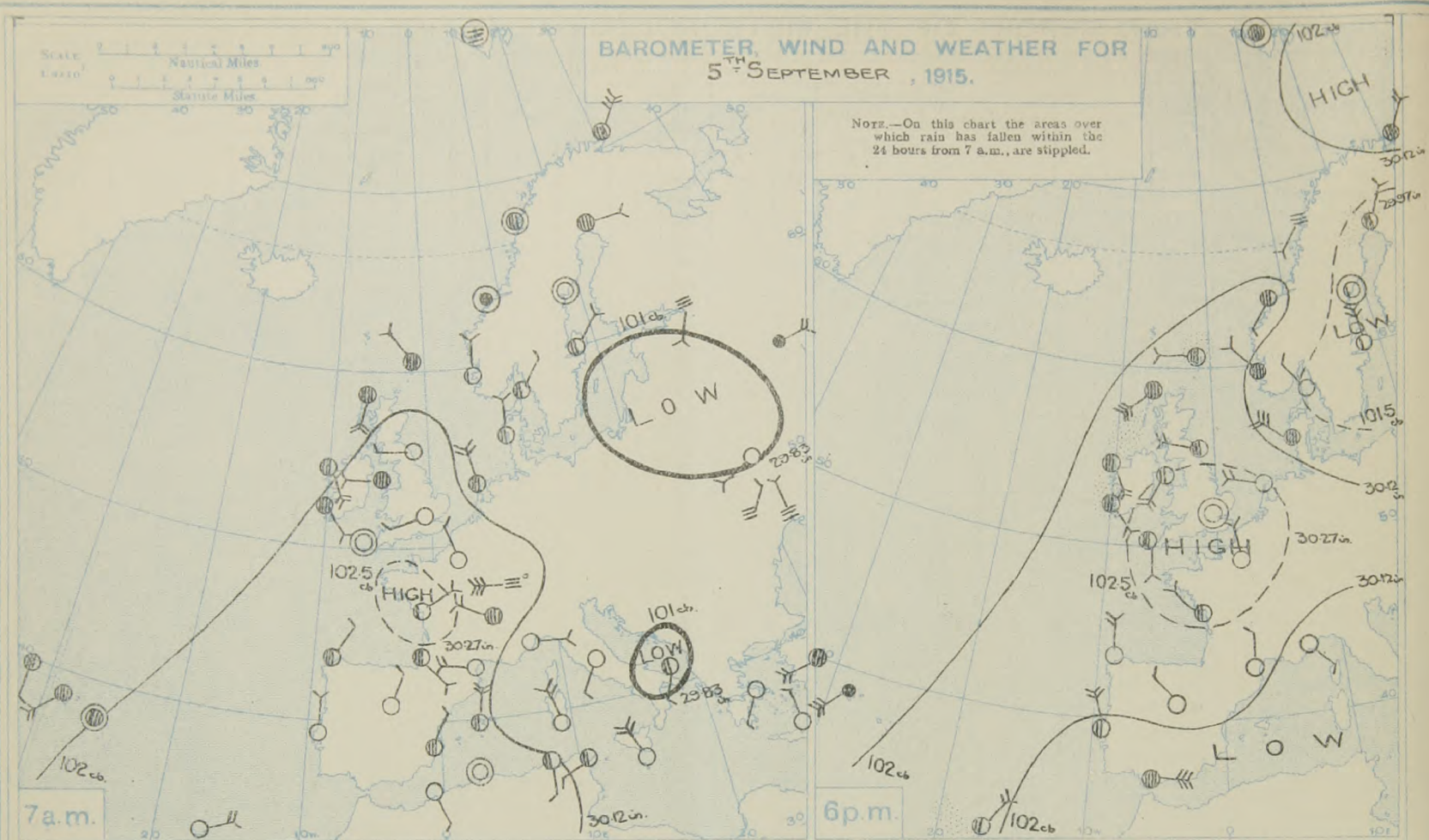
| STATIONS.                           | YESTERDAY EVENING.                    |              |       |                |          | THIS MORNING 7 A.M., G.M.T. |                          |              |                           |       |                |                                 |          |             |                                     | PAST 24 HOURS. |      |          |            |         | Sun-<br>shine<br>for<br>Yester-<br>day. |      |    |      |
|-------------------------------------|---------------------------------------|--------------|-------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|-------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|------|----------|------------|---------|---|------|----|------|
|                                     | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND. |                | Weather. | Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | TEMP.        |                           | WIND. | Force<br>0-12. | Diren.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-3. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |      | WEATHER. |            |         |   |      |    |      |
|                                     |                                       |              | Dir.  | Force<br>0-12. |          |                             |                          | Dry<br>Bulb. | Change<br>in 24<br>hours. |       |                |                                 |          |             |                                     | Max.           | Min. | Morning. | Afternoon. | Night.  |   |      |    |      |
| Lerwick ...                         | 1021.4                                | 54           | W     | 2              | c        | 1022.1                      | 0                        | 52           | +3                        | WNW   | 3              | -                               | o        | 2           | 1                                   | 56             | 48   | bc       | bc.c       | ond     | Hours.                                  |      |    |      |
| Deerness ...                        | 1022.0                                | 54           | S     | 1              | o        | 1022.7                      | 0                        | 53           | +2                        | W     | 1              | W                               | c        | 0           | -                                   | 59             | 47   | o.c.o    | o          | o.c     | 3.7                                     |      |    |      |
| Stornoway ...                       | 1022.0                                | 57           | SW    | 6              | og       | 1022.2                      | 0                        | 55           | +3                        | SW    | 4              | -                               | op       | 3           | -                                   | 59             | 52   | og       | og         | og.op   | 0.1                                     |      |    |      |
| Castlebay (Barra Isd.)              | 1021.7                                | 56           | S     | 3              | o        | 1021.7                      | 0                        | 56           | 0                         | SSE   | 3              | -                               | op       | 3           | 1                                   | 57             | 55   | o.bc.o   | o          | op      | 0.7                                     |      |    |      |
| Glasgow ...                         | 1024.1                                | 57           | WSW   | 2              | o        | 1025.7                      | 0                        | 48           | +3                        | ENE   | 1              | -                               | o        | -           | -                                   | 62             | 43   | bc.c     | c.o        | c.b.og  | 5.3                                     |      |    |      |
| Eskdalemuir ...                     | 1024.8                                | 54           | SW    | 3              | b        | 1026.7                      | 0                        | 47           | +7                        | -     | 0              | -                               | om       | -           | -                                   | 60             | 36   | f.bc     | c.b        | bc.b.om | 5.1                                     |      |    |      |
| Malin Head ...                      | 1022.8                                | 54           | S     | 2              | bc       | 1022.1                      | -2                       | 55           | +4                        | SSE   | 2              | SW                              | cg       | 2           | 0.2                                 | 64             | 49   | bc       | bc         | cg      | 2.9                                     |      |    |      |
| Blacksod Point                      | 1021.2                                | 58           | S     | 4              | cm       | 1017.1                      | -4                       | 58           | +3                        | S     | 7              | S                               | om       | 3           | 3                                   | 61             | 55   | cm       | cm         | om.om   | 0                                       |      |    |      |
| Valencia ...                        | 1022.2                                | 62           | SE    | 3              | c        | 1020.6                      | 0                        | 58           | +2                        | SSE   | 4              | -                               | ond      | 5           | 11                                  | 64             | 56   | o        | o.c        | c.og.d  | 1.4                                     |      |    |      |
| Roche's Point                       | 1025.0                                | 60           | SSW   | 4              | o        | 1024.7                      | 0                        | 60           | +7                        | SSW   | 4              | -                               | r        | 11          | 0.2                                 | 63             | 53   | c        | o          | o.c.og  | 0                                       |      |    |      |
| Birr Castle ...                     | 1023.4                                | 60           | SW    | 2              | c        | 1023.6                      | 0                        | 58           | +10                       | S     | 3              | -                               | o        | -           | -                                   | 62             | 47   | c        | c          | o       | 4.3                                     |      |    |      |
| Donaghadee ...                      | 1024.0                                | 57           | SW    | 3              | bcg      | 1024.3                      | 0                        | 55           | +7                        | SSW   | 3              | -                               | cg       | 2           | -                                   | 65             | 48   | *        | bcg        | bc.cgm  | 0.6                                     |      |    |      |
| Liverpool (Bidston)                 | 1026.2                                | 58           | W     | 1              | o        | 1027.5                      | 0                        | 52           | +1                        | WSW   | 1              | -                               | b        | 1           | -                                   | 59             | 50   | *        | *          | *       | 0.0                                     |      |    |      |
| Holyhead ...                        | 1025.8                                | 59           | SW    | 4              | kg       | 1026.8                      | 0                        | 57           | +2                        | S     | 4              | -                               | cg       | 3           | -                                   | 64             | 55   | o.c.bc.o | o.c.bc     | b.bc.c  | 0.0                                     |      |    |      |
| Pembroke (St. Ann's)                | 1026.7                                | 57           | SW    | 2              | bc       | 1027.2                      | 0                        | 58           | +3                        | S     | 4              | S                               | bc       | 3           | -                                   | 60             | 55   | cu       | c          | bc      | 4.5                                     |      |    |      |
| Scilly (St. Mary's)                 | 1026.0                                | 60           | S     | 2              | c        | 1026.8                      | 0                        | 60           | +6                        | S     | 4              | S                               | cm       | 4           | -                                   | 64             | 52   | b        | b.bc       | bc.c    | 10.5                                    |      |    |      |
| Falmouth ...                        | 1026.8                                | 59           | SSW   | 1              | b        | 1027.5                      | 0                        | 57           | +9                        | SSW   | 1              | -                               | c        | 3           | -                                   | 61             | 46   | bc       | c.b        | bcw     | 7.3                                     |      |    |      |
| Jersey (St. Aubin)                  | 1027.7                                | 62           | WNW   | 2              | b        | 1029.7                      | 0                        | 56           | +4                        | SSW   | 2              | -                               | b        | 2           | -                                   | 65             | 45   | b        | b          | bw      | 12.3                                    |      |    |      |
| Portland Bill ...                   | 1026.9                                | 59           | W     | 3              | b        | 1028.5                      | 0                        | 58           | +1                        | WSW   | 2              | -                               | b        | 3           | -                                   | 63             | 54   | b        | b          | b       | 0                                       |      |    |      |
| Dungeness ...                       | 1026.0                                | 60           | WSW   | 3              | bz       | 1028.9                      | +2                       | 49           | +2                        | -     | 0              | -                               | b        | 0           | Trace                               | 63             | 44   | bm.bc    | bc.bz      | b.bw    | 0                                       |      |    |      |
| Dover ...                           | 1027.0                                | 58           | SSE   | 1              | bcg      | 1028.8                      | +1                       | 52           | +2                        | W     | 1              | -                               | b        | 2           | -                                   | 64             | 47   | b        | b.bc.og    | bc.b    | 9.3                                     |      |    |      |
| Wick ...                            | 1022.1                                | 54           | SSW   | 2              | o        | 1022.6                      | 0                        | 53           | +3                        | SW    | 2              | SW                              | o        | 1           | -                                   | 57             | 49   | om.c     | c.om       | c.om    | 0                                       |      |    |      |
| Nairn ...                           | 1022.1                                | 59           | -     | 0              | c        | 1023.2                      | 0                        | 52           | 0                         | -     | 0              | -                               | bc       | 0           | -                                   | 64             | 48   | c.bc     | bc.c       | cgw     | 4.3                                     |      |    |      |
| Aberdeen ...                        | 1023.3                                | 54           | SE    | 2              | b        | 1024.0                      | 0                        | 50           | 0                         | -     | 0              | W                               | b        | 1           | -                                   | 62             | 46   | b.bc     | bc.c.b     | b.bw    | 7.5                                     |      |    |      |
| Leith ...                           | 1022.5                                | 63           | SW    | 2              | bc       | 1025.2                      | 0                        | 50           | 0                         | SW    | 1              | -                               | og       | -           | -                                   | 64             | 47   | b.bc     | c.bc       | bc.b    | 0                                       |      |    |      |
| Tynemouth ...                       | 1023.6                                | 60           | WNW   | 3              | c        | 1026.1                      | +2                       | 50           | +4                        | W     | 2              | -                               | bc       | 3           | -                                   | 64             | 46   | bc       | c          | bc      | 0                                       |      |    |      |
| Spurn Head ...                      | 1025.5                                | 59           | NW    | 4              | o        | 1027.8                      | +4                       | 55           | +4                        | NW    | 3              | -                               | bc       | 3           | -                                   | 58             | 51   | bc       | c.o        | o.c     | 7.1                                     |      |    |      |
| Yarmouth ...                        | 1026.2                                | 59           | SW    | 2              | b        | 1028.6                      | +3                       | 54           | +5                        | NW    | 2              | NW                              | bc       | 1           | -                                   | 63             | 48   | bc       | bc         | bc.om   | 10.2                                    |      |    |      |
| Clacton-on-Sea                      | 1026.0                                | 60           | SSW   | 2              | b        | 1028.7                      | +2                       | 51           | +3                        | NW    | 2              | NW                              | c        | 1           | -                                   | 65             | 45   | b.bc     | bc.bz      | b.bc.c  | 11.0                                    |      |    |      |
| Nottingham ...                      | 1026.4                                | 60           | WNW   | 1              | c        | 1028.4                      | 0                        | 48           | +9                        | W     | 1              | -                               | m        | -           | -                                   | 67             | 39   | bm       | b.bc       | c.o     | 8.3                                     |      |    |      |
| Bath ...                            | 1026.1                                | 62           | W     | 2              | b        | 1028.9                      | 0                        | 43           | +4                        | NE    | 1              | -                               | b        | -           | -                                   | 66             | 39   | m.b      | b          | bm      | 10.9                                    |      |    |      |
| St Farnborough                      | 1026.0                                | 61           | SW    | 2              | b        | 1029.2                      | +2                       | 39           | +4                        | S     | 1              | -                               | bz       | 2           | -                                   | 63             | 34   | b.bc     | bc         | bc.bm   | 9.0                                     |      |    |      |
| London (Kew Obsy.)                  | 1026.5                                | 63           | -     | 0              | b        | 1029.6                      | +2                       | 44           | 0                         | -     | 0              | -                               | bm       | -           | -                                   | 65             | 42   | bm.bm    | b          | b.f.bm  | 9.9                                     |      |    |      |
| Spitsbergen ...                     | 1019.3                                | 37           | -     | 0              | o        | 1018.3                      | 0                        | 36           | +2                        | SSE   | 2              | -                               | bc       | -           | -                                   | 39             | 32   | -        | -          | -       | -                                       |      |    |      |
| Vardö ...                           | 1020.2                                | 46           | NE    | 3              | o        | 1021.7                      | 0                        | 46           | +1                        | ESE   | 5              | -                               | o        | 2           | -                                   | 46             | 43   | -        | -          | -       | -                                       |      |    |      |
| Bodö ...                            | 1018.7                                | 46           | SW    | 2              | f        | 1022.7                      | 0                        | 46           | -4                        | WSW   | 2              | -                               | o        | 2           | -                                   | 54             | 45   | -        | -          | -       | -                                       |      |    |      |
| Christiansund                       | 1020.3                                | 52           | SW    | 1              | c        | 1021.1                      | 0                        | 50           | 0                         | W     | 1              | -                               | c        | 1           | Trace                               | 52             | 48   | -        | -          | -       | -                                       |      |    |      |
| Skudesnaes                          | 1019.3                                | 54           | NW    | 2              | o        | 1021.9                      | +2                       | 54           | 0                         | N     | 1              | -                               | c        | 2           | -                                   | 57             | 50   | -        | -          | -       | -                                       |      |    |      |
| Færder (X'ania Fjord)               | 1015.3                                | 61           | W     | 2              | b        | 1017.7                      | +2                       | 54           | 0                         | NE    | 4              | W                               | bc       | 1           | -                                   | 61             | 54   | -        | -          | -       | -                                       |      |    |      |
| The Scaw (Skagen)                   | 1014.6                                | 55           | NW    | 1              | b        | 1018.0                      | +3                       | 57           | -4                        | NE    | 1              | -                               | b        | 1           | -                                   | 64             | 45   | -        | -          | -       | -                                       |      |    |      |
| Blaavands Huk                       | 1019.1                                | 57           | NW    | 5              | o        | 1021.2                      | 0                        | 58           | -2                        | NW    | 3              | -                               | o        | 4           | -                                   | 59             | 54   | -        | -          | -       | -                                       |      |    |      |
| Haparanda ...                       | 1012.7                                | 50           | NE    | 2              | bc       | 1013.9                      | +2                       | 50           | 0                         | NE    | 2              | -                               | r        | -           | 6                                   | 54             | 48   | -        | -          | -       | -                                       |      |    |      |
| Hernösand ...                       | 1013.7                                | 54           | -     | 0              | b        | 1015.9                      | +1                       | 50           | 0                         | NW    | 6              | -                               | b        | -           | -                                   | 59             | 46   | -        | -          | -       | -                                       |      |    |      |
| Stockholm ...                       | 1012.7                                | 52           | N     | 4              | b        | 1014.0                      | +1                       | 50           | -4                        | NW    | 4              | -                               | o        | -           | -                                   | 63             | 45   | -        | -          | -       | -                                       |      |    |      |
| Wisby ...                           | 1010.4                                | 52           | NNE   | 6              | bc       | 1013.9                      | +3                       | 48           | -11                       | N     | 4              | -                               | b        | 4           | -                                   | 59             | 46   | -        | -          | -       | -                                       |      |    |      |
| Karlstad ...                        | 1013.9                                | 61           | N     | 2              | c        | 1019.1                      | +1                       | 48           | 0                         | NNW   | 4              | -                               | b        | -           | -                                   | 68             | 43   | -        | -          | -       | -                                       |      |    |      |
| Petrograd (5 a.m. G.M.T.)           |                                       |              |       |                |          |                             |                          |              |                           |       |                |                                 |          |             |                                     |                |      |          |            |         |   |      |    |      |
| The Helder ...                      | 1025.1                                | 59           | WNW   | 3              | b        | 1026.3                      | 0                        | 61           | +4                        | WNW   | 3              | -                               | c        | 2           | -                                   | 61             | 57   | -        | -          | -       | -                                       |      |    |      |
| C. Gris Nez ...                     | 1027.3                                | 58           | SW    | 1              | b        | 1029.6                      | +2                       | 58           | +3                        | SW    | 2              | -                               | b        | 2           | -                                   | 64             | 54   | -        | -          | -       | -                                       |      |    |      |
| La Hève † ...                       | 1028.0                                | 61           | N     | 1              | b        | 1031.4                      | 0                        | 53           | -4                        | -     | 0              | -                               | b        | 0           | -                                   | 64             | 50   | -        | -          | -       | -                                       |      |    |      |
| Ushant † ...                        | 1027.5                                | 59           | S     | 1              | b        | 1028.0                      | 0                        | 56           | -1                        | WSW   | 1              | -                               | bc       | 2           | -                                   | 68             | 50   | -        | -          | -       | -                                       |      |    |      |
| Brest (St. Mathieu)                 | 1028.4                                | 60           | SW    | 1              | b        | 1029.1                      | 0                        | 54           | 0                         | ESE   | 4              | -                               | b        | 2           | -                                   | 72             | 52   | -        | -          | -       | -                                       |      |    |      |
| Rochefort (Ile d'Aix)               |                                       |              |       |                |          |                             |                          |              |                           |       |                |                                 |          |             |                                     |                |      |          |            |         |   |      |    |      |
| Biarritz † ...                      | 1024.3                                | 65           | ENE   | 2              | b        | 1024.6                      | 0                        | 52           | -3                        | E     | 2              | -                               | b        | 2           | -                                   | 72             | 50   | -        | -          | -       | -                                       |      |    |      |
| Paris ...                           | 1027.3                                | 57           | N     | 2              | b        | 1030.6                      | +2                       | 46           | -9                        | N     | 1              | -                               | b        | -           | -                                   | 66             | 41   | -        | -          | -       | -                                       |      |    |      |
| Belfort † ...                       | 1024.7                                | 53           | WSW   | 3              | c        | 1029.9                      | 0                        | 48           | 0                         | -     | 0              | -                               | f        | -           | -                                   | 59             | 45   | -        | -          | -       | -                                       |      |    |      |
| Lyons † ...                         | 1026.9                                | 57           | NNW   | 2              | c        | 1027.8                      | 0                        | 51           | -1                        | N     | 3              | -                               | o        | -           | -                                   | 65             | 48   | -        | -          | -       | -                                       |      |    |      |
| Nice ...                            | 1018.6                                | 62           | SE    | 1              | b        | 1021.3                      | +1                       | 60           | -4                        | E     | 2              | -                               | b        | 2           | -                                   | 73             | 54   | -        | -          | -       | -                                       |      |    |      |
| Perpignan ...                       | 1022.7                                | 66           | N     | 1              | b        | 1024.7                      | 0                        | 61           | 0                         | W     | 3              | -                               | b        | -           | -                                   | 75             | 52   | -        | -          | -       | -                                       |      |    |      |
| Sanguinaire ...                     |                                       |              |       |                |          |                             |                          |              |                           |       |                |                                 |          |             |                                     |                |      |          |            |         |   |      |    |      |
| Corunna (7 a.m.)                    | 1021.5                                | 70           | N     | 3              | b        | 1021.2                      | 0                        | 63           | +11                       | S     | 1              | -                               | b        | 1           | -                                   | 72             | 52   | -        | -          | -       | -                                       |      |    |      |
| Madrid (8 a.m.)                     | 1019.8                                | 73           | NW    | 1              | b        | 1024.2                      | +1                       | 61           | +6                        | N     | 1              | -                               | b        | -           | -                                   | 75             | 55   | -        | -          | -       | -                                       |      |    |      |
| Lisbon (9 a.m.)                     | 1018.4                                | 73           | NNW   | 4              | bc       | 1019.5                      | +1                       | 66           | -4                        | N     | 1              | N                               | b        | 2           | -                                   | 82             | 66   | -        | -          | -       | -                                       |      |    |      |
| Gibraltar ...                       | 1019.6                                | 70           | E     | 6              | o        | 1019.6                      | 0                        | 71           | -                         | E     | 6              | -                               | c        | 2           | -                                   | 76             | 66   | -        | -          | -       | -                                       |      |    |      |
| Rome ...                            |                                       |              |       |                |          |                             |                          |              |                           |       |                |                                 |          |             |                                     |                |      |          |            |         |   |      |    |      |
| Malta (8 a.m.)                      |                                       |              |       |                |          | 1021.7                      | +2                       | 72           | 0                         | WNW   | 1              | -                               | b        | 1           | 2                                   | 77             | 68   | -        | -          | -       | -                                       |      |    |      |
| Azores (Horta, 8 a.m.)              | 1018.1                                |              | SW    | 5              | r        | 1019.0                      | +1                       | 68           | -3                        | W     | 4              | -                               | o        | 3           | 3                                   | 71             | 70   | -        | -          | -       | -                                       |      |    |      |
| Madeira (Funchal)                   | 1021.2                                | 73           | NE    | 3              | bc       | 1023.0                      | 0                        | 68           | 0                         | N     | 2              | -                               | b        | 2           | -                                   | 75             | 68   | -        | -          | -       | -                                       |      |    |      |
| South Farnborough                   |                                       |              |       |                |          |                             |                          |              |                           |       |                |                                 |          |             |                                     |                |      |          |            |         | 22                                      | 0.87 | 47 | 1.86 |
| Plot Balloon Ascent at about 7 a.m. |                                       |              |       |                |          |                             |                          |              |                           |       |                |                                 |          |             |                                     |                |      |          |            |         | 23                                      | 0.91 | 48 | 1.89 |
| 500 metres W by S 9 mph             |                                       |              |       |                |          |                             |                          |              |                           |       |                |                                 |          |             |                                     |                |      |          |            |         |   |      |    |      |

| RAINFALL.                             |         |     |         |
|---------------------------------------|---------|-----|---------|
| Equivalents of Millimetres in Inches. |         |     |         |
| mm.                                   | Inches. | mm. | Inches. |
| 1                                     | 0.04    | 26  | 1.02    |
| 2                                     | 0.08    | 27  | 1.06    |
| 3                                     | 0.12    | 28  | 1.10    |
| 4                                     | 0.16    | 29  | 1.14    |
| 5                                     | 0.20    | 30  | 1.18    |
| 6                                     | 0.24    | 31  | 1.22    |
| 7                                     | 0.28    | 32  | 1.26    |
| 8                                     | 0.32    | 33  | 1.30    |
| 9                                     | 0.35    | 34  | 1.34    |
| 10                                    | 0.39    | 35  | 1.38    |
| 11                                    | 0.43    | 36  | 1.42    |
| 12                                    | 0.47    | 37  | 1.46    |
| 13                                    | 0.51    | 38  | 1.50    |
| 14                                    | 0.55    | 39  | 1.54    |
| 15                                    | 0.59    | 40  | 1.58    |
| 16                                    | 0.63    | 41  | 1.61    |
| 17                                    | 0.67    | 42  | 1.65    |
| 18                                    | 0.71    | 43  | 1.69    |
| 19                                    | 0.75    | 44  | 1.73    |
| 20                                    | 0.79    | 45  | 1.77    |
| 21                                    | 0.83    | 46  | 1.81    |
| 22                                    | 0.87    | 47  | 1.85    |
| 23                                    | 0.91    | 48  | 1.89    |
| 24                                    | 0.95    | 49  | 1.93    |
| 25                                    | 0.98    | 50  | 1.97    |

South Farnborough  
Pilot Balloon Ascent at about 7 a.m.  
500 metres. W by S 9 mph.  
2000 metres WSW 12 mph.

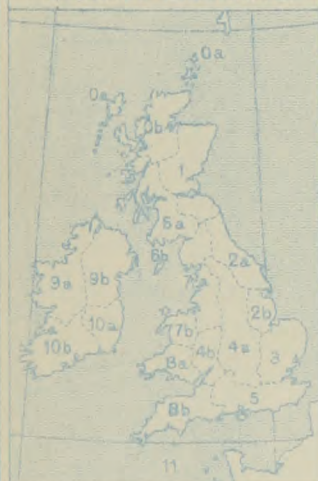
\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Coast.               | South Coast.                  |
| North Coast.               | North Coast.                  |

No Warnings Issued.

Western Channel and Bay 11

- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | Westerly to Southerly winds, increasing; much cloud, some rain; mild.  |
|    | b |   |  |
| 1  |   | } | Wind between West and South, light to moderate; mostly fair; moderately warm.                                      |
| 2  | a |   |  |
|    | b | } | Wind Westerly or South-Westerly, light; fair or bright; warm day temperature.                                      |
| 3  |   |   |  |
| 4  | a | } |  |
|    | b |   |  |
| 5  |   | } | Southerly winds, moderate or fresh; some showers; mild.  |
| 6  | a |   |  |
|    | b | } | Southerly winds, light or moderate; fair generally; rather warm.   |
| 7  | a |   |  |
|    | b | } | Southerly winds, moderate or fresh, strong at times on west coast; much cloud, some showers; moderate temperature. |
| 8  | a |   |  |
|    | b | } | Southerly winds, moderate; sea moderate or slight; cloudy to fair, some mist.                                      |
| 9  | a |   |  |
|    | b | } |  |
| 10 | a |   |  |
|    | b | } |  |
| 11 | a |   |  |

FURTHER OUTLOOK.

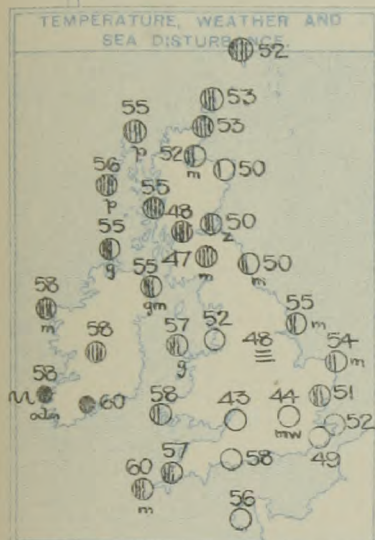
R. G. K. LEMPFFERT, Superintendent, Forecast Division.

W. NAPIER SHAW, Director.



GENERAL INFERENCE.

The pressure distribution will continue anticyclonic for the present over the greater part of the Kingdom.



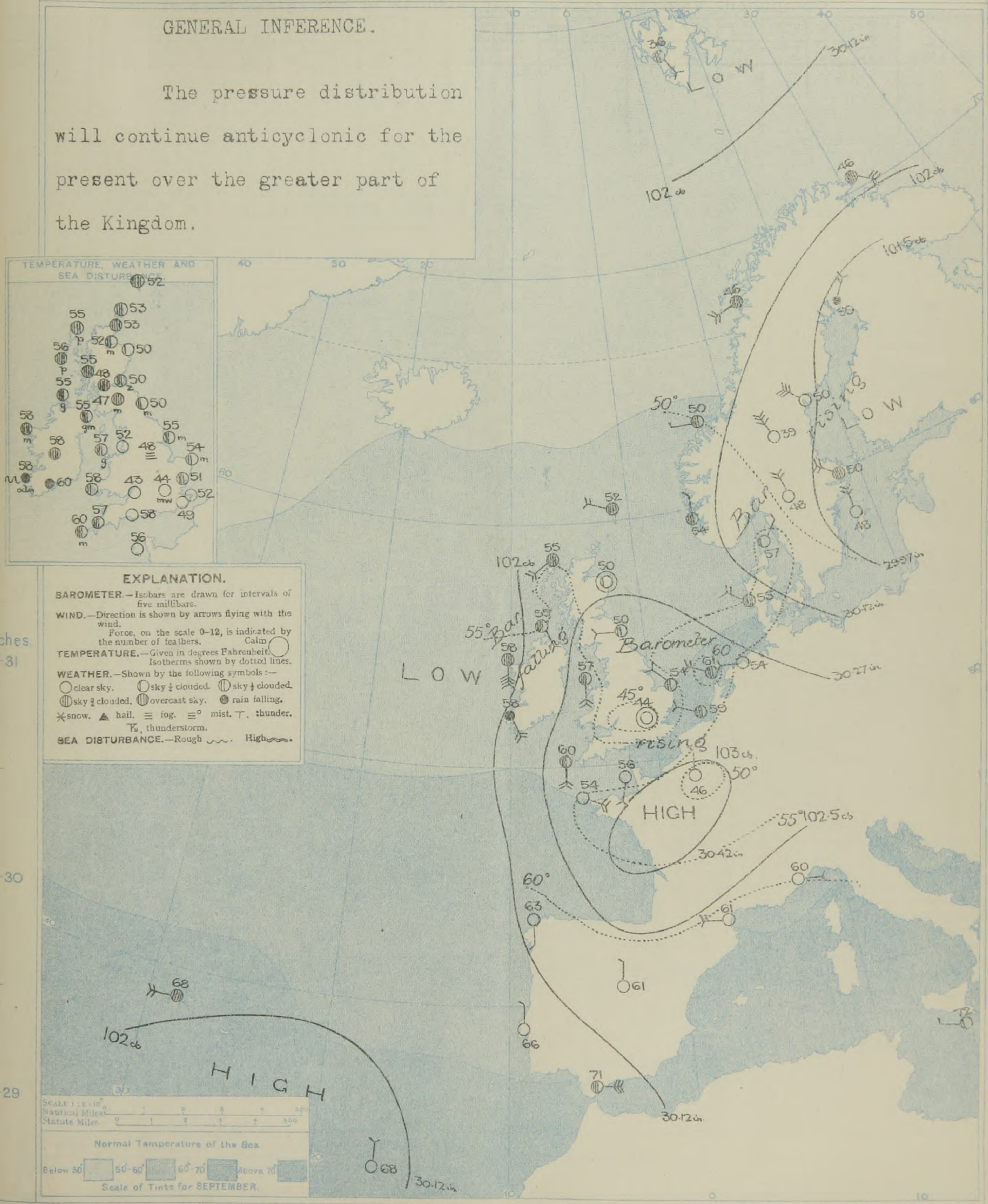
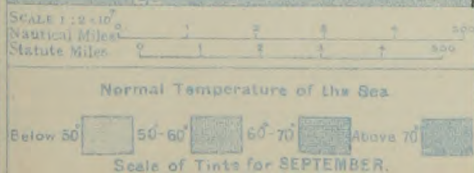
EXPLANATION.

**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 1/2 clouded. sky 3/4 clouded. overcast sky. rain falling. snow. hail. fog. mist. thunder. thunderstorm.  
**SEA DISTURBANCE.**—Rough High .

Inches  
31

30

29





# PILOT BALLOON ASCENTS for the PAST WEEK. Component Velocities to East and to North in Metres per Second.

| Station<br>Date & Hour.   |     | Comp.<br>to E.                       |    | Comp.<br>to N.             |     | Comp.<br>to E.                      |     | Comp.<br>to N.                 |    | Comp.<br>to E.          |     | Comp.<br>to N.                 |    | Comp.<br>to E.            |    | Comp.<br>to N.                  |    | Comp.<br>to E.                 |     | Comp.<br>to N.          |    | Comp.<br>to E. |  | Comp.<br>to N. |  |
|---------------------------|-----|--------------------------------------|----|----------------------------|-----|-------------------------------------|-----|--------------------------------|----|-------------------------|-----|--------------------------------|----|---------------------------|----|---------------------------------|----|--------------------------------|-----|-------------------------|----|----------------|--|----------------|--|
|                           |     | S. Farnborough<br>20th Aug. 7h. 15m. |    | S. Farnborough<br>31st 7h. |     | S. Farnborough<br>1st Sept. 7h. 9m. |     | S. Farnborough<br>1st 12h. 7m. |    | Eskdalemuir<br>2nd 12h. |     | S. Farnborough<br>3rd 7h. 14m. |    | S. Kensington<br>3rd 12h. |    | S. Farnborough<br>3rd 11h. 25m. |    | S. Farnborough<br>4th 7h. 20m. |     | Benson<br>4th 11h. 57m. |    |                |  |                |  |
| Heights in<br>Kilometres. | 3.5 |                                      |    |                            |     |                                     |     |                                |    |                         |     |                                |    |                           |    |                                 |    |                                |     |                         |    |                |  |                |  |
|                           | 3   |                                      |    |                            |     |                                     |     |                                |    |                         |     |                                |    |                           |    |                                 |    |                                |     |                         |    |                |  |                |  |
|                           | 2.5 |                                      |    |                            |     |                                     |     |                                |    |                         |     |                                |    |                           |    |                                 |    |                                |     |                         |    |                |  |                |  |
|                           | 2   |                                      |    |                            |     |                                     |     |                                |    |                         |     |                                |    |                           |    |                                 |    |                                |     |                         |    |                |  |                |  |
|                           | 1.5 | +6                                   | -6 | +7                         | -7  |                                     |     | +13                            | +2 | +3                      | -12 | -2                             | -9 |                           |    | -3                              | -9 | -2                             | -10 | -1                      | -8 |                |  |                |  |
| 1                         | +5  | -7                                   | +5 | -6                         | +11 | +1                                  | +12 | +3                             | -2 | -7                      | -4  | -11                            | -1 | -9                        | -1 | -8                              | -1 | -12                            | +1  | -6                      |    |                |  |                |  |
| 0.5                       | +5  | -7                                   | +5 | -7                         | +8  | +3                                  | +11 | 0                              | +1 | -11                     | -3  | -12                            | -2 | -9                        | -2 | -10                             | -2 | -12                            | +2  | -10                     |    |                |  |                |  |
| 0                         | +1  | -10                                  | +5 | 0                          | +3  | +4                                  | +4  | -1                             | +1 | -6                      | +3  | -4                             | 0  | -3                        | -1 | -8                              | +2 | -2                             | 0   | +                       |    |                |  |                |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.             | Rainfall.<br>mm. & . | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |
|-----------------------|----------------------|--------------|------|-----------|------------|-------------------------------|
|                       |                      | Max.         | Min. | Forenoon. | Afternoon. |                               |
| Scotland.             |                      |              |      |           |            |                               |
| Oban ...              | -                    | 60           | 42   | bc        | c          | 1.5                           |
| Banff ...             | -                    | 66           | 43   | b         | bc         | 8.8                           |
| Carnoustie ...        | -                    | 66           | 43   | b         | bc         | 8.8                           |
| St. Andrews ...       | -                    | 66           | 43   | b         | bc         | 8.8                           |
| England, N.E.         |                      |              |      |           |            |                               |
| Harrogate ...         | -                    | 61           | 41   | b         | b. bc      | 9.1                           |
| Skegness ...          | -                    | 65           | 42   | b. bc     | bc. c      | 9.8                           |
| England, N.W.         |                      |              |      |           |            |                               |
| Morecambe ...         | -                    | 62           | 42   | oc        | c          | 0.7                           |
| Blackpool ...         | -                    | 60           | 47   | o         | o          | 0.0                           |
| Southport ...         | -                    | 60           | 47   | o         | o          | 0.0                           |
| Midlands.             |                      |              |      |           |            |                               |
| Buxton ...            | -                    | 58           | 35   | bc        | bc         | 5.8                           |
| Leamington Spa ...    | -                    | 65           | 38   | f. b      | bc         | 8.0                           |
| Malvern ...           | -                    | 65           | 44   | b. bc     | bc. c. bc  | 8.8                           |
| Ross-on-Wye ...       | -                    | 66           | 35   | bwm       | bcz        | 5.9                           |
| Wales.                |                      |              |      |           |            |                               |
| Rhyl ...              | -                    | 61           | 39   | o. c      | o. c       | 0.1                           |
| Colwyn Bay ...        | -                    | 59           | 42   | c         | bc. o      | 0.2                           |
| Llandudno ...         | -                    | 62           | 45   | o. c      | c. o       | 1.0                           |
| Aberystwyth ...       | -                    | 62           | 45   | o. c      | c. o       | 1.0                           |
| Tenby ...             | -                    | 62           | 45   | o. c      | c. o       | 1.0                           |
| England, E.           |                      |              |      |           |            |                               |
| Cromer ...            | -                    | 67           | 45   | bc        | bc         | 10.1                          |
| Lowestoft ...         | -                    | 63           | 44   | bz. b     | bc. bz     | 9.9                           |
| Felixstowe ...        | -                    | 63           | 44   | bz. b     | bc. bz     | 9.9                           |
| Walton-on-Naze ...    | -                    | 63           | 44   | bz. b     | bc. bz     | 9.9                           |
| Southend-on-Sea ...   | -                    | 69           | 43   | b         | bz         | 9.0                           |
| England, S.E.         |                      |              |      |           |            |                               |
| Tunbridge Wells ...   | -                    | 66           | 37   | b         | b          | 10.6                          |
| Margate ...           | -                    | 62           | 53   | b         | b          | 9.3                           |
| Ramsgate ...          | -                    | 60           | 49   | b         | bc. o. y   | 8.5                           |
| Hastings ...          | -                    | 63           | 46   | b         | b          | 11.9                          |
| Bexhill-on-Sea ...    | -                    | 66           | 54   | b         | bc         | 6.7                           |
| Eastbourne ...        | -                    | 64           | 44   | b         | b          | 11.5                          |
| Seaford ...           | -                    | 66           | 45   | b. bc. b  | b          | 10.3                          |
| Brighton ...          | -                    | 66           | 42   | b         | b          | 11.3                          |
| Worthing ...          | -                    | 64           | 56   | b         | b          | 11.4                          |
| Littlehampton ...     | -                    | 64           | 44   | b         | b          | 11.7                          |
| Bognor ...            | -                    | 66           | 42   | b         | b          | 12.0                          |
| Southsea ...          | -                    | 66           | 40   | b         | b          | 11.7                          |
| Bournemouth ...       | -                    | 67           | 43   | b         | b          | 11.0                          |
| Weymouth ...          | -                    | 66           | 45   | b         | b          | 10.7                          |
| Torquay ...           | -                    | 61           | 45   | bc        | c. b       | 6.9                           |
| Paignton ...          | -                    | 62           | 41   | b. bc     | bc         | 5.0                           |
| Falmouth ...          | -                    | 65           | 39   | b         | b. bc      | 10.0                          |
| Penzance ...          | -                    | 65           | 39   | b         | b. bc      | 10.0                          |
| Newquay ...           | -                    | 65           | 39   | b         | b. bc      | 10.0                          |
| Ilfracombe ...        | -                    | 65           | 39   | b         | b. bc      | 10.0                          |
| Weston-super-Mare ... | -                    | 65           | 39   | b         | b. bc      | 10.0                          |

## LONDON OBSERVATIONS.

| STATIONS.  | Humidity.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE. |                   |      | Rain-<br>fall.<br>mm. & . | WEATHER.       |                 |        |
|--|---------------------------|-----------------------|---|--------------|-------------------|------|---------------------------|----------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   | Min. on<br>Grass. | Max. |                           | Fore-<br>noon. | After-<br>noon. | Night. |
| Greenwich (Royal Obs.) ...   | 48                        | 70                    | 10.2                                    | 68           | 42                | 31   | -                         | bc             | bc              | bc. bn |
| City (Bunhill Row) ...   | 48                        | 70                    | 10.2                                    | 68           | 42                | 31   | -                         | bc             | bc              | bc. bn |
| Westminster (St. James's Pl.)  | 52                        | 82                    | 10.6                                    | 68           | 43                | 41   | -                         | b              | b               | bc. b  |
| Camden Sq. (Brit. Rainfall)  | -                         | 79                    | 8.4                                     | 68           | 44                | 41   | -                         | -              | -               | *      |
| Hampstead (Reservoir) ...  | 80                        | 9.5                   | 65                                      | 43           | 30                | -    | -                         | bc             | bc              | bc. bc |
| Richmond Park ...  | 80                        | 9.5                   | 65                                      | 43           | 30                | -    | -                         | bc             | bc              | bc. bc |
| Kew. (See front page.)   | 80                        | 9.5                   | 65                                      | 43           | 30                | -    | -                         | bc             | bc              | bc. bc |
| VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                           |                       |   |              |                   |      |                           |                |                 |        |
|  |                           |                       |   | Total.       | Average Rate.     |      | Max. Rate.                |                |                 |        |
|  |                           |                       |   | 1440 Joules  | 30.1 Milliwatts.  |      | 64 Milliwatts.            |                |                 |        |

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

| Sept. 7th, 1915. |        |         |      |
|------------------|--------|---------|------|
| Sunrise.         | Noon.  | Sunset. |      |
| G.M.T.           | G.M.T. | G.M.T.  |      |
| Yarmouth ...     | 5.12   | 11.51   | 6.39 |
| Greenwich ...    | 5.14   | 11.51   | 6.39 |
| Wick ...         | 5.23   | 11.58   | 6.35 |
| Valencia ...     | 5.26   | 12.08   | 6.31 |

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 65° at most of our stations, below 60° at a few places. Bright sunshine was very abundant in England, except in the north-west.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 250.

Tuesday  
7th September, 1915.

|                           | STATIONS.              | YESTERDAY EVENING.                    |              |        |                |          | THIS MORNING 7 A.M., G.M.T.               |                          |              |     |              |                           |        |                |                                 |          | PAST 24 HOURS. |                                     |        |          |          |            | Sun-<br>shine<br>for<br>Yester-<br>day. |        |
|---------------------------|------------------------|---------------------------------------|--------------|--------|----------------|----------|---|--------------------------|--------------|-----|--------------|---------------------------|--------|----------------|---------------------------------|----------|----------------|-------------------------------------|--------|----------|----------|------------|---|--------|
|                           |                        | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.  |                | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | TEMP.<br>°F. | °F. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>4-9.    | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.  |          | WEATHER. |            |   |        |
|                           |                        |                                       |              | Direc. | Force<br>0-12. |          |   |                          |              |     |              |                           |        |                |                                 |          |                |                                     | Max.   | Min.     | Morning. | Afternoon. |   | Night. |
| BRITISH ISLANDS.          | Lerwick ...            | 1021.9                                | 55           | W      | 2              | om       | 1020.0                                    | -1                       | 54           | +2  | S            | 1                         | -      | om             | 1                               | 3        | 55             | 52                                  | ond    | ond      | ond      | Hours.     |   |        |
|                           | Deerness ...           | ?                                     | 54           | S      | 1              | r        | 1018.6                                    | +                        | 55           | +2  | ESE          | 2                         | -      | om             | 2                               | 7        | 60             | 52                                  | c.o    | or       | r.o      | 0.0        |   |        |
|                           | Stornoway ...          | 1019.6                                | 55           | SE     | 4              | orm      | 1017.4                                    | +1                       | 57           | +2  | SSW          | 5                         | -      | op             | 4                               | 17       | 60             | 54                                  | od     | omr      | org.op   | 0.0        |   |        |
|                           | Castlebay (Barra Isd.) | 1017.6                                | 57           | SE     | 4              | r        | 1018.2                                    | +1                       | 57           | +1  | SSW          | 3                         | SE     | c              | 3                               | 8        | 59             | 55                                  | egp    | ogp.r    | r.op.c   | 0.0        |   |        |
|                           | Glasgow ...            | 1023.2                                | 60           | SSW    | 2              | o        | 1022.2                                    | 0                        | 58           | +10 | SW           | 2                         | -      | o              | *                               | 0.4      | 65             | 48                                  | og.o   | c.ogpm   | odmp     | 0.3        |   |        |
|                           | Eskdalemuir ...        | 1025.0                                | 56           | SSW    | 4              | om       | 1023.4                                    | 0                        | 56           | +9  | SSW          | 3                         | -      | ond            | *                               | 5        | 59             | 46                                  | om.o   | o        | ond      | 0.1        |   |        |
|                           | Malin Head ...         | 1019.0                                | 63           | S      | 4              | egp      | 1019.7                                    | 0                        | 60           | +5  | SW           | 4                         | -      | og             | 3                               | -        | 63             | 55                                  | eg     | egp      | og       | 0.1        |   |        |
|                           | Blacksod Point         | 1017.9                                | 59           | S      | 6              | ond      | 1019.6                                    | 0                        | 58           | 0   | S            | 6                         | S      | om             | 5                               | 2        | 60             | 56                                  | afp    | afp      | fe       | 0.0        |   |        |
|                           | Valencia ...           | 1022.0                                | 60           | SSE    | 4              | r        | 1022.2                                    | 0                        | 58           | 0   | SSE          | 2                         | -      | bc             | 4                               | 7        | 61             | 58                                  | omr    | omr      | nd.o.c   | 0.0        |   |        |
|                           | Roche's Point          | 1026.0                                | 62           | SW     | 3              | c        | 1025.1                                    | *                        | 59           | -1  | SE           | 3                         | W      | bc             | 4                               | 6        | 62             | 58                                  | fr     | f.o.c    | om.c.bc  | *          |   |        |
|                           | Birr Castle ...        | 1022.9                                | 60           | SW     | 2              | o        | 1023.5                                    | *                        | 57           | -1  | S            | 1                         | -      | bc             | *                               | 1        | 65             | 56                                  | ap     | ap       | bc       | 0.0        |   |        |
|                           | Donaghadee ...         | 1021.7                                | 60           | SSW    | 4              | egm      | 1022.1                                    | 0                        | 59           | +4  | SW           | 4                         | -      | ogmp           | 3                               | 0.2      | 62             | 55                                  | ogm    | egm      | egomp    | *          |   |        |
|                           | Liverpool (Bidston)    | 1026.2                                | 63           | WSW    | 2              | bc       | 1025.6                                    | 0.0                      | 58           | +6  | SSW          | 1                         | W      | om             | 2                               | -        | 67             | 52                                  | b      | bc       | egomp    | 7.2        |   |        |
|                           | Holyhead ...           | 1025.1                                | 60           | SSW    | 5              | cmg      | 1024.8                                    | +1                       | 59           | +2  | SSW          | 5                         | -      | cm             | 4                               | -        | 63             | 57                                  | bcg    | cmg      | cmg.p    | 0.0        |   |        |
|                           | Pembroke (St. Ann's)   | 1027.3                                | 60           | SW     | 3              | bc       | 1026.5                                    | -1                       | 58           | 0   | SSW          | 3                         | -      | c              | 4                               | -        | 62             | 57                                  | bc     | bc       | bc       | 6.3        |   |        |
|                           | Scilly (St. Mary's)    | 1027.0                                | 62           | SSE    | 2              | bcn      | 1025.4                                    | 0                        | 59           | -1  | SE           | 3                         | -      | bm             | 3                               | -        | 66             | 56                                  | b.bm   | bcm      | bcm.bm   | 9.2        |   |        |
|                           | Falmouth ...           | 1027.6                                | 61           | SSE    | 1              | b        | 1026.9                                    | +1                       | 52           | -5  | E            | 1                         | -      | bmw            | 3                               | -        | 65             | 51                                  | b      | b        | bc.fw    | 10.3       |   |        |
|                           | Jersey (St. Aubin)     | 1028.3                                | 65           | S      | 2              | b        | 1027.7                                    | *                        | 60           | +4  | E            | 2                         | -      | b              | 1                               | -        | 67             | 49                                  | b      | b        | bw       | 11.8       |   |        |
|                           | Portland Bill ...      | 1028.9                                | 60           | S      | 2              | b        | 1027.8                                    | -1                       | 60           | +2  | SE           | 2                         | -      | b              | 2                               | -        | 64             | 57                                  | b      | b        | b        | *          |   |        |
|                           | Dungeness ...          | 1028.6                                | 60           | WSW    | 3              | bc       | 1028.1                                    | 0                        | 54           | +5  | W            | 1                         | -      | bc             | 1                               | -        | 65             | 48                                  | b.bc   | bc       | c.o.bc   | *          |   |        |
|                           | Dover ...              | 1028.8                                | 58           | SW     | 2              | ca       | 1028.0                                    | ?                        | 53           | +1  | SW           | 1                         | -      | bm             | 2                               | -        | 65             | 48                                  | b      | b.bc.c   | c.bc.bm  | 7.6        |   |        |
| Wick ...                  | 1022.2                 | 55                                    | SSW          | 1      | r              | 1018.5   | -1  | 55                       | +2           | S   | 2            | -                         | o      | 1              | 4                               | 60       | 51             | bc                                  | bc     | omr.dp   | *        |            |   |        |
| Nairn ...                 | 1020.9                 | 60                                    | S            | 1      | ogm            | 1018.5   | *   | 62                       | +10          | W   | 1            | -                         | bc     | 1              | 1                               | 66       | 51             | bc.cd                               | d.o    | ogp      | 2.9      |            |   |        |
| Aberdeen ...              | 1022.7                 | 59                                    | S            | 3      | o              | 1020.3   | 0   | 60                       | +10          | SSW | 2            | W                         | bc     | 2              | Trace                           | 67       | 49             | g.b.o.c                             | c.omp  | og.c.bc  | 4.7      |            |   |        |
| Leith ...                 | 1022.7                 | 62                                    | SW           | 2      | o              | 1021.7   | 0   | 61                       | +11          | WSW | 2            | -                         | c      | *              | -                               | 66       | 49             | og.o                                | og     | o        | *        |            |   |        |
| Tynemouth ...             | 1025.2                 | 61                                    | WSW          | 2      | cm             | 1025.4   | -2  | 58                       | +8           | SSW | 1            | W                         | cm     | 3              | -                               | 64       | 49             | bcm                                 | cm     | cm       | *        |            |   |        |
| Spurn Head ...            | 1027.1                 | 62                                    | SW           | 2      | bcn            | 1026.6   | 0   | 56                       | +1           | W   | 2            | -                         | cm     | 3              | Trace                           | 68       | 49             | bcm                                 | bcm    | bcm.p    | 9.1      |            |   |        |
| Yarmouth ...              | 1027.2                 | 61                                    | E            | 2      | b              | 1027.5   | +1  | 52                       | -2           | NW  | 2            | NW                        | bcn    | 1              | -                               | 65       | 51             | bc                                  | bc.b   | bcm      | 5.9      |            |   |        |
| Clacton-on-Sea            | 1028.4                 | 61                                    | S            | 2      | c              | 1027.6   | 0   | 53                       | +2           | W   | 1            | -                         | bc     | 1              | -                               | 65       | 49             | eg                                  | eg     | b.bcmw   | 4.4      |            |   |        |
| Nottingham ...            | 1026.9                 | 63                                    | SW           | 1      | bc             | 1026.8   | *   | 53                       | +5           | SW  | 1            | SW                        | cm     | *              | -                               | 69       | 48             | f.m.b                               | b.bc   | bc.b     | 9.2      |            |   |        |
| Bath ...                  | 1027.9                 | 64                                    | W            | 1      | b              | 1028.1   | *   | 44                       | +1           | NE  | 1            | W                         | b      | *              | -                               | 69       | 41             | m.b                                 | b.bc   | bm       | 10.4     |            |   |        |
| St. Farnborough           | 1027.6                 | 64                                    | SW           | 2      | b              | 1025.0   | +1  | 42                       | +3           | -   | 0            | -                         | bzw    | *              | -                               | 70       | 39             | b.bc                                | bc.b   | bm       | 10.2     |            |   |        |
| London (Kew Obsy.)        | 1028.0                 | 64                                    | WSW          | 1      | b              | 1028.3   | 0   | 46                       | +2           | -   | 0            | -                         | bmw    | *              | -                               | 67       | 43             | bmw.eg.c                            | c.bc.b | b.bcc.bm | 7.8      |            |   |        |
| NORTHERN EUROPE.          | Spitsbergen ...        | 1016.6                                | ?            | S      | 2              | o        | 1013.3                                    | -1                       | ?            | ?   | -            | 0                         | *      | S              | *                               | ?        | 46             | 43                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Vardö ...              | 1022.3                                | 45           | SE     | 2              | o        | 1022.7                                    | 0                        | 46           | 0   | SE           | 1                         | -      | o              | 2                               | *        | 46             | 43                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Bodö ...               | 1022.3                                | 46           | SW     | 2              | c        | 1023.8                                    | +2                       | 48           | +2  | E            | 1                         | N      | c              | 1                               | -        | 50             | 43                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Christiansund          | 1022.0                                | 54           | -      | 0              | o        | 1023.7                                    | +1                       | 54           | +4  | -            | 0                         | -      | r              | 1                               | 3        | 55             | 50                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Skudesnaes ..          | 1023.5                                | 55           | NW     | 2              | o        | 1023.5                                    | 0                        | 57           | +3  | SE           | 1                         | -      | o              | 2                               | -        | 57             | 50                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Færder (X'ianta Fjord) | 1019.7                                | 59           | SW     | 2              | c        | 1022.6                                    | +2                       | 55           | +1  | NNE          | 4                         | -      | b              | 1                               | -        | 59             | 52                                  | ?      | ?        | ?        | ?          |   |        |
|                           | The Scaw (Skagen)      | 1020.0                                | 55           | -      | 0              | b        | 1021.2                                    | +2                       | 59           | +2  | NNE          | 2                         | N      | c              | 2                               | -        | 63             | 46                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Blaavands Huk          | 1023.0                                | 57           | NW     | 3              | o        | 1023.1                                    | +2                       | 57           | +2  | NNW          | 4                         | -      | c              | 3                               | -        | 59             | 54                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Haparanda ...          | 1016.6                                | 52           | NE     | 2              | o        | 1021.5                                    | +2                       | 45           | -5  | NE           | 4                         | SW     | bc             | *                               | 2        | 54             | 39                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Hernösand ...          | 1015.4                                | 52           | N      | 2              | c        | 1020.2                                    | +1                       | 50           | 0   | NW           | 6                         | -      | b              | *                               | -        | 59             | 45                                  | ?      | ?        | ?        | ?          |   |        |
| Stockholm ...             | 1015.7                 | 52                                    | NNW          | 2      | c              | 1015.0   | 0   | 48                       | -2           | NW  | 4            | -                         | o      | *              | -                               | 59       | 43             | ?                                   | ?      | ?        | ?        |            |   |        |
| Wisby ...                 | 1016.2                 | 50                                    | NNW          | 2      | b              | 1014.4   | -1  | 50                       | +2           | NNW | 6            | NE                        | b      | 5              | -                               | 52       | 46             | ?                                   | ?      | ?        | ?        |            |   |        |
| Karlstad ...              | 1016.1                 | 55                                    | -            | 0      | b              | 1021.2   | +4  | 48                       | 0            | N   | 4            | -                         | o      | *              | -                               | 61       | 43             | ?                                   | ?      | ?        | ?        |            |   |        |
| Petrograd (5 a.m. G.M.T.) |                        |                                       |              |        |                |          |   |                          |              |     |              |                           |        |                |                                 |          |                |                                     |        |          |          |            |   |        |
| FRANCE, &c.               | The Helder ...         | 1027.5                                | 59           | WNW    | 3              | b        | 1027.0                                    | 0                        | 61           | 0   | W            | 2                         | NNW    | c              | 1                               | -        | 61             | 57                                  | ?      | ?        | ?        | ?          |   |        |
|                           | C. Gris Nez ...        | 1029.0                                | 59           | WSW    | 3              | bc       | 1027.9                                    | 0                        | 56           | -2  | S            | 3                         | *      | b              | 2                               | -        | 63             | 52                                  | ?      | ?        | ?        | ?          |   |        |
|                           | La Hève ...            | 1029.6                                | 59           | NE     | 2              | b        | 1026.9                                    | *                        | 55           | +2  | ESE          | 2                         | *      | m              | 2                               | -        | 68             | 52                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Ushant ...             | 1028.4                                | 63           | S      | 1              | b        | 1025.3                                    | *                        | 56           | 0   | SE           | 2                         | *      | b              | 3                               | -        | 66             | 52                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Brest (St. Mathieu)    | 1027.7                                | 65           | -      | 0              | bc       | 1026.4                                    | 0                        | 55           | +1  | E            | 3                         | *      | b              | 2                               | -        | 75             | 54                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Roche fort (Ile d'Aix) | 1025.5                                | 69           | ENE    | 3              | b        | 1024.6                                    | -1                       | 56           | 0   | E            | 4                         | *      | b              | *                               | -        | 79             | 50                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Biarritz ...           | 1021.9                                | 69           | E      | 2              | b        | 1020.4                                    | +1                       | 57           | +5  | ESE          | 3                         | *      | b              | 0                               | -        | 75             | 52                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Paris ...              | 1028.8                                | 57           | E      | 1              | b        | 1028.7                                    | 0                        | 46           | 0   | -            | 0                         | -      | b              | *                               | -        | 68             | 41                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Belfort ...            | 1029.3                                | 54           | E      | 4              | b        | 1029.6                                    | *                        | 46           | -2  | E            | 4                         | *      | m              | *                               | -        | 64             | 42                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Lyons ...              |                                       |              |        |                |          |   |                          |              |     |              |                           |        |                |                                 |          |                |                                     |        |          |          |            |   |        |
| Nice ...                  | 1021.6                 | 62                                    | -            | 0      | b              | 1023.0   | +1  | 66                       | +6           | -   | 0            | *                         | b      | 1              | -                               | 73       | 55             | ?                                   | ?      | ?        | ?        |            |   |        |
| Perpignan ...             | 1022.4                 | 64                                    | -            | 0      | b              | 1023.8   | +1  | 57                       | -4           | SW  | 1            | -                         | b      | *              | -                               | 81       | 46             | ?                                   | ?      | ?        | ?        |            |   |        |
| Sanguinaire ...           |                        | 70                                    | S            | 2      | m              |          | *   | 70                       |              | E   | 1            | *                         | m      | 3              | -                               | 73       | 61             | ?                                   | ?      | ?        | ?        |            |   |        |
| SOUTHERN EUROPE.          | Corunna (7 a.m.)       | 1020.0                                | 73           | NW     | 2              | b        | 1019.9                                    | +1                       | 59           | -4  | E            | 2                         | -      | b              | 1                               | -        | 75             | 55                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Madrid (8 a.m.)        | 1018.1                                | 79           | -      | 0              | b        | 1022.9                                    | +1                       | 63           | +2  | NE           | 1                         | -      | b              | *                               | -        | 51             | 59                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Lisbon (9 a.m.)        |                                       |              |        |                |          |   |                          |              |     |              |                           |        |                |                                 |          |                |                                     |        |          |          |            |   |        |
|                           | Gibraltar ...          | 1020.6                                | 71           | E      | 6              | c        | 1019.6                                    | *                        | 69           | -2  | E            | 5                         | *      | bc             | 4                               | -        | 75             | 68                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Rome ...               |                                       |              |        |                |          |   |                          |              |     |              |                           |        |                |                                 |          |                |                                     |        |          |          |            |   |        |
|                           | Malta (8 a.m.)         |                                       | *            | *      | *              | *        | 1020.8                                    | +2                       | 72           | 0   | NW           | 3                         | -      | b              | 1                               | -        | 75             | 68                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Azores (Horta, 8 a.m.) | 1019.7                                | *            | WSW    | 5              | c        | 1016.4                                    | -1                       | 71           | +3  | WSW          | 7                         | *      | o              | 4                               | -        | 77             | 72                                  | ?      | ?        | ?        | ?          |   |        |
|                           | Madeira (Funchal)      | 1022.1                                | 72           | NE     | 2              | o        | 1021.7                                    | 0                        | 68           | 0   | W            | 1                         | -      | b              | 1                               | -        | 77             | 68                                  | ?      | ?        | ?        | ?          |   |        |

## GALES.

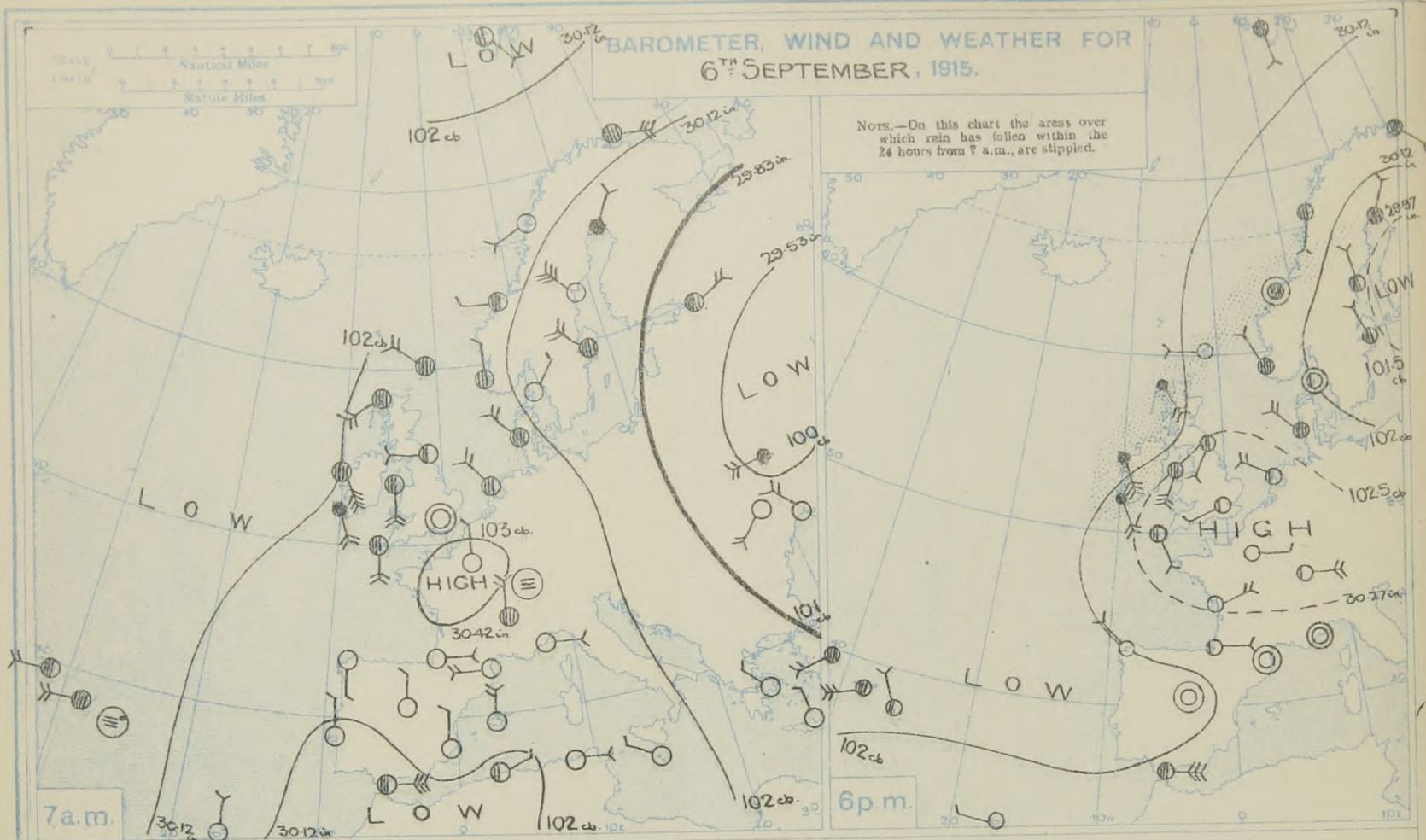
Duration and Extreme Force  
in British Islands.

### Blacksod Point.

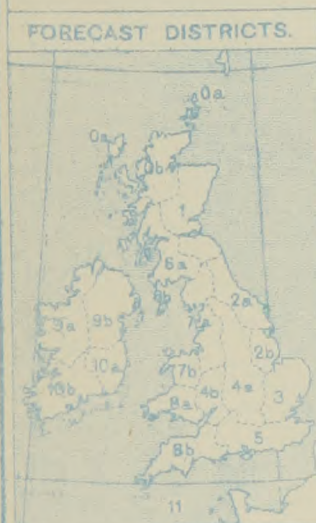
Gale 8 a.m. - 4 p.m. S 8  
Ex. S 9 at 9 a.m.

South Farnborough  
Pilot Balloon Ascent at about 7 a.m.  
500 metres Sw graph.  
2000 metres N by E graph.





FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Coast.               | South Coast.                  |
| North Coast.               | North Coast.                  |

No Warnings Issued.

Western Channel and Bay 11

- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | Moderate to light Southerly to South-Westerly breezes; dull, some showers and mist, fairer later; moderate temperature.          |
|    | b |   |  |
| 1  |   | } | Light Southerly to Westerly breezes; generally fair to fine, some mist; moderate temperature.                                    |
| 2  | a |   |  |
|    | b | } | Calms and light variable breezes; fine generally, some mist; moderate temperature, local ground frost early.                     |
| 3  |   |   |  |
| 4  | a | } | Same as No. 0.   |
|    | b |   |  |
| 5  |   | } | Variable South-Easterly to South-Westerly breezes, fair to fine, some mist; moderate temperature.                                |
| 6  | a |   |  |
|    | b | } | Same as No. 0.   |
| 7  |   |   |  |
| 8  | a | } | Light South-Easterly to Southerly breezes; fair to fine, some mist; moderate temperature.  |
|    | b |   |  |
| 9  | a | } | Light to moderate Easterly and South-Easterly breezes; sea slight to moderate; fine generally, local mist; moderate temperature. |
|    | b |   |  |
| 10 | a | } |  |
|    | b |   |  |

FURTHER OUTLOOK.

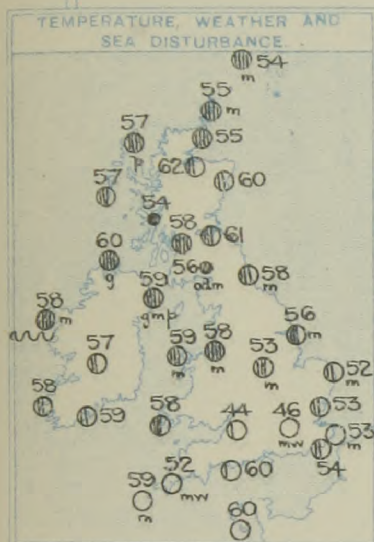
R. G. K. LEMPFERT, Superintendent, Forecast Division.

W. NAPIER SHAW, Director



# GENERAL INFERENCE.

Decreasing wind and improving weather expected in the north-western districts, elsewhere the conditions will continue fine.



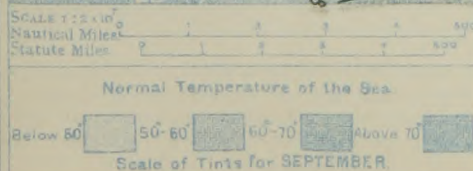
## EXPLANATION.

**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 1/2 clouded. ○ sky 3/4 clouded.  
 ○ sky 1/2 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.  
**SEA DISTURBANCE.**—Rough High

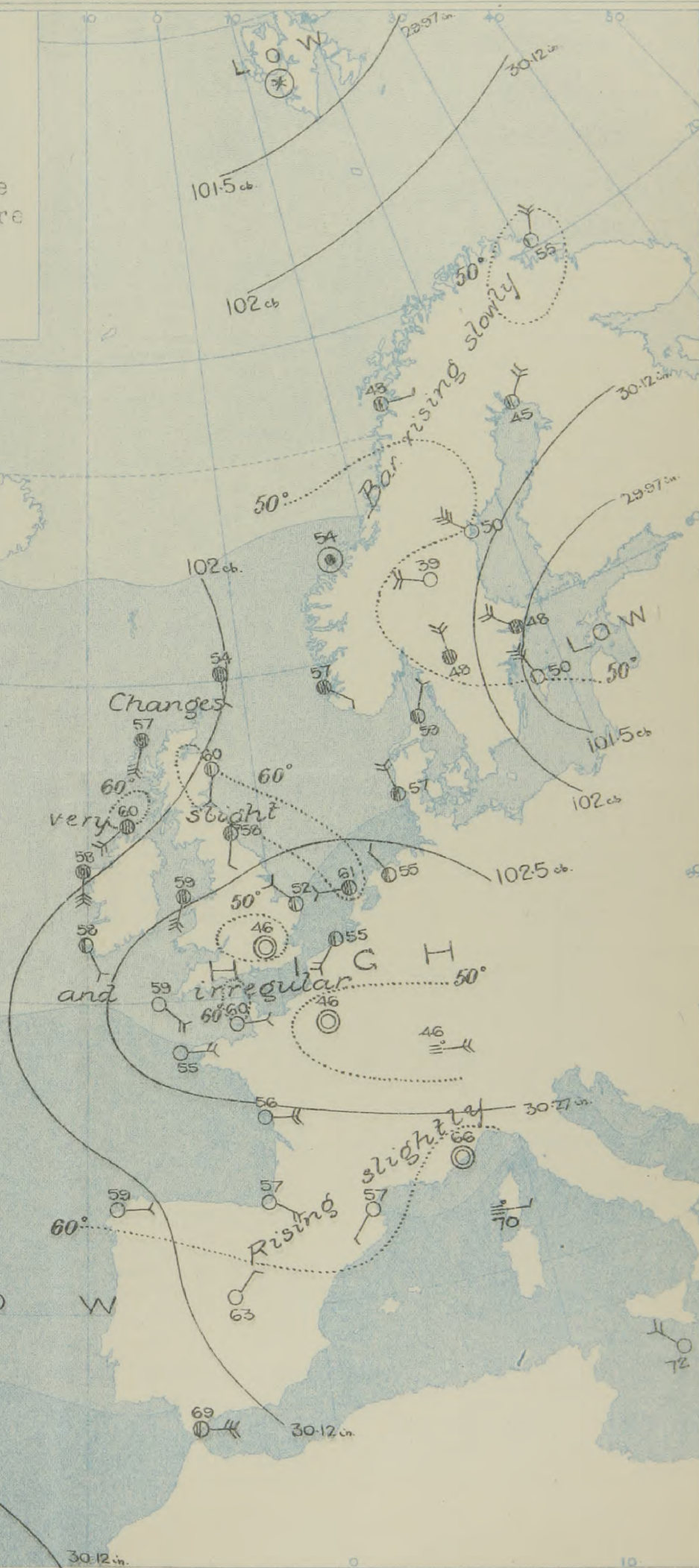
Inches.  
31

30

29



HIGH





## DAILY WEATHER REPORT.

Tuesday 7<sup>th</sup> September 1915.REPORTS  
FOR  
YESTERDAY.

6th September 1915.

| STATIONS. | EVENING OBSERVATIONS.             |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |                      |                                   |        |                |                                 |          |             |   | Rain-fall.<br>Milli-metres. |    |  |
|-----------|-----------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|---------------------------------|----------|-------------|---|-----------------------------|----|--|
|           | BAROM.<br>Milli-bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.                |                                   | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. |   |                             |    |  |
|           |                                   |       | Direc. | Force<br>0-12. |          | Milli-bars at<br>M.S.L.        | Change<br>in 3<br>hours. | Dry<br>Bulb.<br>° F. | Change<br>in 24<br>hours.<br>° F. | Direc. | Force<br>0-12. |                                 |          |             |   |                             |    |  |
| Petrograd | 1007.5                            | 61    | NE     | 3              | 0        | 1003.9                         | -2                       | 55                   | +1                                | ENE    | 3              | -                               | 0        | *           | 1 | 70                          | 52 |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm. & Hr. | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS.             | Rainfall.<br>mm. & Hr. | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |
|---------------------|------------------------|--------------|------|-----------|------------|-------------------------------|-----------------------|------------------------|--------------|------|-----------|------------|-------------------------------|
|                     |                        | Max.         | Min. | Forenoon. | Afternoon. |                               |                       |                        | Max.         | Min. | Forenoon. | Afternoon. |                               |
| Scotland.           |                        |              |      |           |            |                               |                       |                        |              |      |           |            |                               |
| Oban ...            | -                      | 63           | 47   | c. 2c     | c. 0c      | 0.3                           | Tunbridge Wells ...   | -                      | 68           | 40   | b         | 2. 2c      | 0.7                           |
| Banff ...           | 1                      | 64           | 50   | 2c. 2c    | 2c. 0c     | 6.5                           | Margate ...           | -                      | 65           | 51   | b         | b          | 9.1                           |
| Carnoustie ...      | -                      | 63           | 48   | c. 0      | 0          | 1.5                           | Ramsgate ...          | -                      | 64           | 47   | 2c. c     | 2c         | 6.3                           |
| St. Andrews ...     | -                      | 64           | 49   | *         | *          | 0.1                           | Hastings ...          | -                      | 64           | 49   | 2         | 2. 2c      | 8.9                           |
| England, N.E.       |                        |              |      |           |            |                               | Bexhill-on-Sea ...    | -                      |              |      |           |            |                               |
| Harrogate ...       | -                      | 66           | 44   | 2         | 2. 2c      | 8.3                           | Eastbourne ...        | -                      | 65           | 48   | 2         | 2          | 11.6                          |
| Skegness ...        | -                      | 67           | 50   | c. 2c     | 2c         | 10.1                          | Seaford ...           | -                      | 65           | 44   | b         | b          | 10.8                          |
| England, N.W.       |                        |              |      |           |            |                               | Brighton ...          | -                      | 66           | 44   | 2c. 2     | 2. 2c      | 11.3                          |
| Morecambe ...       | -                      | 66           | 46   | b         | bc         | 6.3                           | Worthing ...          | -                      | 66           | 43   | 2         | 2. 2c      | 10.5                          |
| Blackpool ...       | -                      | 67           | 45   | 2. 2      | 2. 2c      | 6.2                           | Littlehampton ...     | -                      | 68           | ?    | 2         | 2          | 10.4                          |
| Southport ...       | -                      | 66           | 44   | 2. 2c     | c. 2c      | 6.2                           | Bognor ...            | -                      | 64           | 46   | 2         | 2          | 11.1                          |
| Midlands.           |                        |              |      |           |            |                               | Southsea ...          | -                      | 66           | 45   | 2         | 2          | 10.0                          |
| Buxton ...          | -                      | 64           | 42   | 2c        | 2c         | 9.9                           | Bournemouth ...       | -                      | 67           | 39   | 2         | 2          | 8.0                           |
| Leamington Spa ...  | -                      | 67           | 49   | 2         | 2          | 9.7                           | Weymouth ...          | -                      | 68           | 46   | 2         | 2          | 11.3                          |
| Malvern ...         | -                      |              |      | 2. 2c     | 2. 2c      | 8.7                           | Torquay ...           | -                      | 67           | 47   | 2         | 2. 2c      | 9.6                           |
| Ross-on-Wye ...     | -                      | 69           | 40   | 2. 2c     | 2. 2c      | 8.7                           | Paignton ...          | -                      | 66           | 42   | b. bc     | b          | 9.9                           |
| Wales.              |                        |              |      |           |            |                               | Falmouth ...          | -                      | 65           | 50   | 2         | 2          | 10.4                          |
| Rhyl ...            | -                      | 66           | 43   | 2         | 2. 2c      | 6.6                           | Penzance ...          | -                      | 64           | 56   | 2         | 2          | 9.0                           |
| Colwyn Bay ...      | -                      | 65           | 48   | 2c        | 2c         | 7.0                           | Newquay ...           | -                      | 62           | 48   | 2c. 2     | 2          | 8.0                           |
| Llandudno ...       | -                      |              |      | a. 2      | 2. 2c      | 10.0                          | Ilfracombe ...        | -                      | 69           | 50   | 2         | 2          | 11.2                          |
| Aberystwyth ...     | -                      | 65           | 47   | 2         | 2c         | 9.3                           | Weston-super-Mare ... | -                      | 68           | 46   | 2         | 2. 2c      | 9.0                           |
| Tenby ...           | -                      | 65           | 46   | 2         | 2c         | 9.3                           |                       |                        |              |      |           |            |                               |
| England, E.         |                        |              |      |           |            |                               |                       |                        |              |      |           |            |                               |
| Cromer ...          | -                      | 65           | 53   | bc        | bc         | 8.4                           |                       |                        |              |      |           |            |                               |
| Lowestoft ...       | -                      | 67           | 52   | 2. 2c     | c. 2c      | 6.3                           |                       |                        |              |      |           |            |                               |
| Felixstowe ...      | -                      | 66           | 47   | 2c        | 2c         | 6.8                           |                       |                        |              |      |           |            |                               |
| Walton-on-Naze ...  | -                      | 68           | 49   | 2c        | 2c         | 4.6                           |                       |                        |              |      |           |            |                               |
| Southend-on-Sea ... | -                      | 69           | 46   | 2. 2c     | 2c         | 5.3                           |                       |                        |              |      |           |            |                               |

## LONDON OBSERVATIONS.

| STATIONS   | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.          |            |                                   | Rain-<br>fall. | WEATHER.                     |                 |        |
|--|---------------------------|-----------------------|---|-----------------------|------------|-----------------------------------|----------------|------------------------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.            |            | Min. on<br>Grass.                 |                | Fore-<br>noon.               | After-<br>noon. | Nighi. |
|  |                           |                       |   | Max.                  | Min.       |                                   |                |                              |                 |        |
|  |                           |                       |   |                       |            |                                   |                |                              |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |                       |            |                                   |                |                              |                 |        |
| Greenwich (Royal Obs.) ...   | %<br>51                   | %<br>68               | Hr.<br>7.7                              | ° F.<br>71            | ° F.<br>46 | ° F.<br>37                        | mm. §<br>-     | bc                           | bc              | b      |
| City (Bunhill Row) ...   | %<br>*                    | %<br>*                | 7.0                                     | %<br>*                | %<br>*     | %<br>*                            | %<br>*         | %<br>*                       | %<br>*          | %<br>* |
| Westminster (St. James's Pl.)  | 55                        | 66                    | 8.4                                     | 67                    | 47         | 46                                | -              | bc                           | bc              | b. m.  |
| Camden Sq. (Brit. Rainfall)  | 63                        | 69                    | 6.6                                     | 71                    | 47         | 45                                | -              | b. m. bc                     | bc              | *      |
| Hampstead (Reservoir) ...  | *                         | 75                    | 6.8                                     | 66                    | 47         | 34                                | -              | bc                           | bc              | bc     |
| Richmond Park  | *                         | *                     | 9.8                                     |                       |            |                                   |                |                              |                 |        |
| Kew. (See front page.)   |                           |                       |   |                       |            |                                   |                |                              |                 |        |
| VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                           |                       |   |                       |            |                                   |                |                              |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.)       |                           |                       |   | Total.<br>1344 Joules |            | Average Rate.<br>28.2 Milliwatts. |                | Max. Rate.<br>64 Milliwatts. |                 |        |
| S. Kensington (Roof of M.O.)   | 48                        | 69                    | 8.5                                     |                       |            |                                   |                |                              |                 |        |

## Additional Observations for Yesterday.

| STATIONS.                                   | Rain-<br>fall. | TEMPERATURE. |                               | WEATHER. |                 | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---|----------------|--------------|-------------------------------|----------|-----------------|---|
|   |                | In Screen.   | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon.  |   |
|   |                | Max.         | Min.                          |          | After-<br>noon. |   |
| Dublin to 4 p.m.                            | mm. & Hr.      | °F.          | °F.                           | °F.      |                 |   |
| Darwen to 9 p.m.                            |                |              |                               |          |                 |   |
| Manchester "                                |                |              |                               |          |                 |   |
| Birmingham "                                | -              | 63           | 47                            | 33       | b               | b                                       |
| Oxford to 8 p.m.                            | *              |              |                               |          |                 |   |
| Teignmouth to 9 "                           | -              | 63           | 41                            | 41       | b               | b                                       |
| Plymouth "                                  |                |              |                               |          |                 |   |
| S. Kensington<br>(Museum Grounds to 6 p.m.) | -              | 69           | 46                            | 38       | b. bc           | b. bc                                   |

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

| ...           | 15th Sept. 1915. | Sunrise. | Noon.  | Sunset. |
|---------------|------------------|----------|--------|---------|
|               | G.M.T.           | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...  | 5.14             | 11.51    | 6.28   |         |
| Greenwich ... | 5.23             | 11.58    | 6.31   |         |
| Wick ...      | 5.24             | 12.00    | 6.34   |         |
| Valencia ...  | 6.1              | 12.34    | 7.48   |         |

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to between 65° and 70° in most places. Rain fell in Scotland and Ireland, 17 mm. at Stornoway. Many northern and western stations had no sunshine, while various parts of southern England had between 10 and 12 hours.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 251.

Wednesday,  
6th September, 1915.

|                           | STATIONS.                | YESTERDAY EVENING.                    |               |        |                |          | THIS MORNING 7 A.M., G.M.T.           |                          |              |                           |        |                |                                 |          |             |                                     | PAST 24 HOURS. |           |          |            |          | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---------------------------|--------------------------|---------------------------------------|---------------|--------|----------------|----------|---------------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|-----------|----------|------------|----------|---|
|                           |                          | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>° F. | WIND.  |                | Weather. | Barom.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 2<br>hours. | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |           | WEATHER. |            |          |   |
|                           |                          |                                       |               | Direc. | Force<br>0-12. |          |                                       |                          | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.           | Min.      | Morning. | Afternoon. | Night.   |   |
| BRITISH ISLANDS.          | Lerwick ...              | 1021.1                                | 56            | S      | 1              | om       | 1025.5                                | +1                       | 56           | +2                        | -      | 0              | -                               | f        | 0           | 2                                   | 57             | 54        | ofcl     | f. om      | f        | Hours.                                  |
|                           | Deerness ...             | 1021.3                                | 58            | NNE    | 1              | c        | 1024.7                                | +                        | 58           | +3                        | ESE    | 1              | -                               | f        | 1           | 1                                   | 62             | 54        | om. o    | c. c       | cfcl     | 1.2                                     |
|                           | Stornoway ...            | 1020.8                                | 60            | SSW    | 5              | od       | 1023.5                                | +1                       | 54           | -3                        | -      | 0              | -                               | b        | 0           | 0.3                                 | 62             | 51        | sp. c    | c. od      | od. b    | 0.7                                     |
|                           | Castlebay (Barra Isd.)   | 1021.1                                | 60            | S      | 2              | cm       | 1022.3                                | +1                       | 56           | -1                        | ESE    | 4              | -                               | bm       | 4           | -                                   | 60             | 55        | c. om    | om. cm     | c. bm    | 0.5                                     |
|                           | Glasgow ...              | 1023.6                                | 61            | SSW    | 1              | c        | 1026.4                                | +2                       | 49           | -9                        | E      | 1              | -                               | b        | 1           | 1                                   | 61             | 47        | odm      | d. o. c    | om. b. m | 0.0                                     |
|                           | Esksdalemuir ...         | 1024.9                                | 59            | S      | 2              | om       | 1027.5                                | +1                       | 40           | -16                       | -      | 0              | W                               | bmw      | 1           | 5                                   | 59             | 37        | odm      | om. om     | om. b. m | 0.0                                     |
|                           | Malin Head ...           | 1021.3                                | 66            | SSW    | 4              | bc       | 1022.7                                | +1                       | 54           | -6                        | S      | 2              | -                               | b        | 1           | -                                   | 69             | 50        | c        | bc         | b        | 5.5                                     |
|                           | Blacksod Point ...       | 1020.0                                | 60            | S      | 4              | bc       | 1019.4                                | 0                        | 55           | -3                        | SE     | 4              | SE                              | bc       | 3           | -                                   | 65             | 52        | bc       | bc         | bc       | 5                                       |
|                           | Valencia ...             | 1020.2                                | 64            | SSE    | 4              | b        | 1019.1                                | 0                        | 58           | 0                         | SE     | 2              | -                               | bcy      | 3           | -                                   | 62             | 58        | bcy      | bcy        | bcy      | 10.8                                    |
|                           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
|                           | Roche's Point ...        | 1023.7                                | 61            | SSE    | 3              | b        | 1022.5                                | +                        | 60           | +1                        | SE     | 3              | -                               | b        | 3           | 0.4                                 | 64             | 59        | bc. b    | b          | bcy      | 10.8                                    |
|                           | Birr Castle ...          | 1022.3                                | 63            | SW     | 1              | b        | 1022.4                                | +                        | 50           | -7                        | S      | 1              | -                               | m        | 1           | -                                   | 69             | 50        | bc       | b          | f        | 10.8                                    |
|                           | Donaghadee ...           | 1022.8                                | 62            | S      | 3              | bcm      | 1025.1                                | +1                       | 52           | -7                        | S      | 2              | -                               | ble      | 1           | 1                                   | 71             | 51        | bcy      | bc         | bm       | 11.7                                    |
|                           | Liverpool (Bidston) ...  | 1025.6                                | 61            | NW     | 1              | bc       | 1026.1                                | 0                        | 51           | -7                        | E      | 2              | -                               | bm       | 2           | -                                   | 67             | 51        | bc       | bc         | bm       | 6.4                                     |
|                           | Holyhead ...             | 1025.1                                | 63            | SW     | 3              | bc       | 1025.0                                | 0                        | 53           | -6                        | E      | 1              | -                               | by       | 0           | -                                   | 66             | 50        | c. bc. c | c. bc      | by       | 8.1                                     |
|                           | Pembroke (St. Ann's) ... | 1025.6                                | 59            | S      | 2              | bc       | 1024.5                                | -1                       | 55           | -3                        | E      | 2              | -                               | bm       | 2           | Trace                               | 63             | 52        | c        | bc         | bc       | 10.5                                    |
|                           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
|                           | Scilly (St. Mary's) ...  | 1022.6                                | 61            | ESE    | 3              | bm       | 1021.8                                | -1                       | 59           | 0                         | ESE    | 4              | -                               | bm       | 4           | -                                   | 65             | 57        | bcm      | bm         | bm       | 11.5                                    |
|                           | Falmouth ...             | 1024.8                                | 61            | SSE    | 3              | bcy      | 1023.3                                | 0                        | 58           | +6                        | E      | 3              | -                               | bcy      | 4           | -                                   | 65             | 51        | b        | b          | bm       | 11.4                                    |
|                           | Jersey (St. Aubin) ...   | 1025.6                                | 64            | NNE    | 3              | b        | 1024.6                                | +                        | 56           | -4                        | E      | 2              | -                               | bm       | 2           | -                                   | 69             | 53        | b        | b          | bm       | 11.7                                    |
| Portland Bill ...         | 1026.3                   | 61                                    | SE            | 3      | bc             | 1025.1   | -1                                    | 60                       | 0            | ESE                       | 3      | -              | bc                              | 3        | -           | 65                                  | 58             | b         | b. bc    | b. bc      | 11.7     |   |
| Dungeness ...             | 1026.5                   | 60                                    | SW            | 1      | c              | 1026.5   | 0                                     | 60                       | +6           | -                         | 0      | -              | b                               | 0        | -           | 65                                  | 47             | bc        | bc. c    | c. bc. b   | 11.7     |   |
| Dover ...                 | 1026.8                   | 59                                    | SSW           | 1      | b              | 1027.0   | 0                                     | 57                       | +4           | -                         | 0      | -              | b                               | 2        | -           | 64                                  | 50             | m. b. bc  | b. bc    | bcy        | 9.6      |   |
|                           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Wick ...                  | 1021.1                   | 59                                    | SSW           | 2      | c              | 1024.7   | +1                                    | 55                       | 0            | -                         | 0      | -              | f                               | 0        | 1           | 66                                  | 54             | om        | om. c    | m. f       | 11.7     |   |
| Nairn ...                 | 1021.6                   | 64                                    | W             | 1      | cg             | 1024.6   | +                                     | 52                       | -10          | -                         | 0      | -              | m                               | 1        | -           | 73                                  | 47             | c. bc     | ce       | cg         | 11.7     |   |
| Aberdeen ...              | 1021.5                   | 69                                    | W             | 2      | c              | 1024.9   | +1                                    | 57                       | -3           | WNW                       | 2      | -              | b                               | 1        | -           | 75                                  | 55             | bc. b. bc | bc. c    | c. b. m    | 11.7     |   |
| Leith ...                 | 1022.6                   | 65                                    | WSW           | 2      | o              | 1026.0   | +2                                    | 49                       | -12          | W                         | 1      | -              | bcy                             | 2        | -           | 68                                  | 47             | o         | c. cg    | o          | 11.7     |   |
| Tynemouth ...             | 1023.6                   | 65                                    | W             | 1      | cm             | 1025.6   | +1                                    | 53                       | -5           | W                         | 2      | -              | bc                              | 2        | -           | 68                                  | 52             | cm        | cm       | cm         | 11.7     |   |
| Spurn Head ...            | 1025.7                   | 63                                    | W             | 2      | om             | 1027.1   | +1                                    | 58                       | +2           | NW                        | 2      | -              | om                              | 2        | -           | 73                                  | 58             | bc        | bc. om   | bc. om     | 11.7     |   |
|                           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Yarmouth ...              | 1025.7                   | 62                                    | SSW           | 1      | bc             | 1025.3   | 0                                     | 57                       | +5           | SW                        | 1      | W              | bc                              | 1        | Trace       | 66                                  | 52             | bcm       | bcm      | bc         | 8.7      |   |
| Clacton-on-Sea ...        | 1026.2                   | 62                                    | S             | 2      | c              | 1027.1   | +1                                    | 58                       | +5           | SW                        | 1      | -              | bc                              | 0        | -           | 61                                  | 53             | bc. c     | cg       | c. bc. m   | 9.5      |   |
| Nottingham ...            | 1025.8                   | 64                                    | SW            | 1      | c              | 1026.9   | +                                     | 46                       | +7           | SW                        | 1      | -              | f                               | 1        | Trace       | 71                                  | 44             | c. o      | cp       | c. bc. b   | 2.8      |   |
| Bath ...                  | 1025.8                   | 67                                    | S             | 1      | m              | 1026.4   | +                                     | 48                       | +4           | NE                        | 1      | N              | f                               | 1        | -           | 71                                  | 43             | m. b. bc  | b. bc    | z. bc. m   | 10.8     |   |
| St. Farnborough ...       | 1025.7                   | 68                                    | SW            | 1      | bc             | 1026.5   | +1                                    | 43                       | +1           | -                         | 0      | -              | bcy                             | 2        | -           | 72                                  | 40             | b         | b. bc    | bm         | 10.9     |   |
| London (Kew Obsy.) ...    | 1025.9                   | 66                                    | -             | 0      | bc             | 1027.3   | +1                                    | 49                       | +3           | -                         | 0      | -              | bm                              | 2        | -           | 70                                  | 45             | bm. bc. c | bc       | bc. b. m   | 10.1     |   |
|                           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Spitsbergen ...           | 1011.3                   | 37                                    | SSE           | 6      | r              | 1010.1   | +2                                    | 36                       | ?            | -                         | 0      | -              | b                               | 1        | -           | 37                                  | 34             | -         | -        | -          | -        |   |
| Vardö ...                 | 1023.9                   | 32                                    | SE            | 1      | c              | 1021.3   | -1                                    | 48                       | +2           | NW                        | 6      | -              | bc                              | 4        | -           | 48                                  | 43             | -         | -        | -          | -        |   |
| Bodö ...                  | 1027.0                   | 45                                    | -             | 0      | b              | 1027.8   | 0                                     | 45                       | -3           | E                         | 4      | -              | bc                              | 2        | -           | 52                                  | 43             | -         | -        | -          | -        |   |
| Christiansund ...         | 1025.7                   | 57                                    | -             | 0      | c              | 1027.5   | +2                                    | 54                       | 0            | E                         | 1      | -              | b                               | 1        | Trace       | 59                                  | 50             | -         | -        | -          | -        |   |
| Skudesnaes ...            | 1025.1                   | 54                                    | W             | 1      | b              | 1027.9   | +1                                    | 55                       | -2           | E                         | 1      | -              | b                               | 2        | -           | 61                                  | 50             | -         | -        | -          | -        |   |
| Færder (Kjellerfjord) ... | 1024.3                   | 61                                    | WSW           | 1      | b              | 1025.6   | +4                                    | 55                       | 0            | NNE                       | 2      | -              | b                               | 1        | -           | 63                                  | 55             | -         | -        | -          | -        |   |
| The Scaw (Skagen) ...     | 1022.7                   | 57                                    | NNW           | 2      | b              | 1027.4   | +4                                    | 61                       | +2           | -                         | 0      | -              | b                               | 0        | -           | 63                                  | 48             | -         | -        | -          | -        |   |
| Blaavands Huk ...         | 1023.2                   | 57                                    | NNW           | 2      | c              | 1027.9   | +3                                    | 48                       | -9           | ESE                       | 1      | -              | b                               | 1        | -           | 61                                  | 45             | -         | -        | -          | -        |   |
|                           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Haparanda ...             | 1023.0                   | 50                                    | N             | 2      | b              | 1024.8   | +1                                    | 48                       | +3           | N                         | 2      | N              | b                               | 1        | -           | 61                                  | 36             | -         | -        | -          | -        |   |
| Hernösand ...             | 1023.5                   | 48                                    | -             | 0      | b              | 1027.4   | +2                                    | 50                       | 0            | NE                        | 2      | N              | b                               | 1        | -           | 59                                  | 43             | -         | -        | -          | -        |   |
| Stockholm ...             | 1019.3                   | 50                                    | NNW           | 6      | b              | 1022.4   | +3                                    | 52                       | +4           | NNW                       | 6      | -              | b                               | 1        | -           | 59                                  | 43             | -         | -        | -          | -        |   |
| Wisby ...                 | 1018.3                   | 50                                    | N             | 4      | b              | 1022.4   | +5                                    | 48                       | -2           | N                         | 4      | -              | c                               | 4        | -           | 52                                  | 45             | -         | -        | -          | -        |   |
| Karlstad ...              | 1023.0                   | 57                                    | -             | 0      | b              | 1028.3   | +5                                    | 50                       | +2           | N                         | 2      | -              | b                               | 1        | -           | 64                                  | 43             | -         | -        | -          | -        |   |
| Petrograd (5 a.m. G.M.T.) |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
|                           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| The Helder ...            | 1026.3                   | 61                                    | W             | 2      | bc             | 1027.5   | +1                                    | 61                       | 0            | WSW                       | 1      | -              | o                               | 1        | Trace       | 64                                  | 59             | -         | -        | -          | -        |   |
| C. Gris Nez ...           | 1027.1                   | 61                                    | SW            | 2      | c              | 1026.9   | +1                                    | 60                       | +4           | SSE                       | 1      | -              | b                               | 0        | -           | 64                                  | 55             | -         | -        | -          | -        |   |
| La Hève ...               |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Ushant ...                |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Brest (St. Mathieu) †     | 1023.3                   | 64                                    | N             | 1      | b              | 1022.1   | 0                                     | 55                       | 0            | ENE                       | 4      | -              | bc                              | 3        | -           | 77                                  | 54             | -         | -        | -          | -        |   |
| Rochefort (Ile d'Aix) †   | 1021.6                   | 70                                    | E             | 4      | b              | 1021.0   | 0                                     | 57                       | +1           | E                         | 3      | -              | m                               | 1        | -           | 82                                  | 50             | -         | -        | -          | -        |   |
| Biarritz ...              |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Paris † ...               | 1025.9                   | 59                                    | ENE           | 2      | b              | 1026.0   | +1                                    | 54                       | +8           | ENE                       | 1      | -              | c                               | 1        | -           | 70                                  | 46             | -         | -        | -          | -        |   |
| Belfort † ...             | 1026.9                   | 57                                    | E             | 3      | m              | 1027.5   | +                                     | 47                       | +1           | E                         | 6      | -              | m                               | 1        | -           | 64                                  | 44             | -         | -        | -          | -        |   |
| Lyons ...                 |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Nice † ...                | 1022.1                   | 63                                    | -             | 0      | b              | 1023.3   | +2                                    | 63                       | -3           | -                         | 0      | -              | b                               | 1        | -           | 77                                  | 57             | -         | -        | -          | -        |   |
| Perpignan † ...           | 1022.0                   | 63                                    | -             | 0      | b              | 1022.4   | 0                                     | 57                       | 0            | SW                        | 1      | -              | m                               | 1        | -           | 75                                  | 46             | -         | -        | -          | -        |   |
| Sanguinaire ...           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
|                           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Corunna (7 a.m.)          | 1019.1                   | 66                                    | NNW           | 3      | b              | 1017.6   | 0                                     | 61                       | +2           | S                         | 1      | -              | m                               | 1        | -           | 70                                  | 57             | -         | -        | -          | -        |   |
| Madrid (8 a.m.)           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Lisbon (9 a.m.)           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Gibraltar ...             | 1018.6                   | 68                                    | E             | 6      | c              | 1017.6   | +                                     | 69                       | 0            | E                         | 6      | -              | o                               | 2        | -           | 74                                  | 68             | -         | -        | -          | -        |   |
| Rome ...                  |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Malta (8 a.m.)            |                          |                                       |               |        |                | 1021.0   | 0                                     | 75                       | +3           | E                         | 4      | NW             | b                               | 2        | -           | 75                                  | 72             | -         | -        | -          | -        |   |
|                           |                          |                                       |               |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |           |          |            |          |   |
| Azores (Horta, 8 a.m.)    | 1019.4                   |                                       | N             | 4      | b              | 1023.1   | +1                                    | 65                       | -6           | -                         | 0      | -              | c                               | 2        | -           | 75                                  | 63             | -         | -        | -          | -        |   |
| Madeira (Funchal)         | 1019.0                   | 75                                    | N             | 2      | b              | 1019.8   | 0                                     | 70                       | +2           | N                         | 1      | -              | c                               | 1        | -           | 81                                  | 68             | -         | -        | -          | -        |   |

South Farnborough

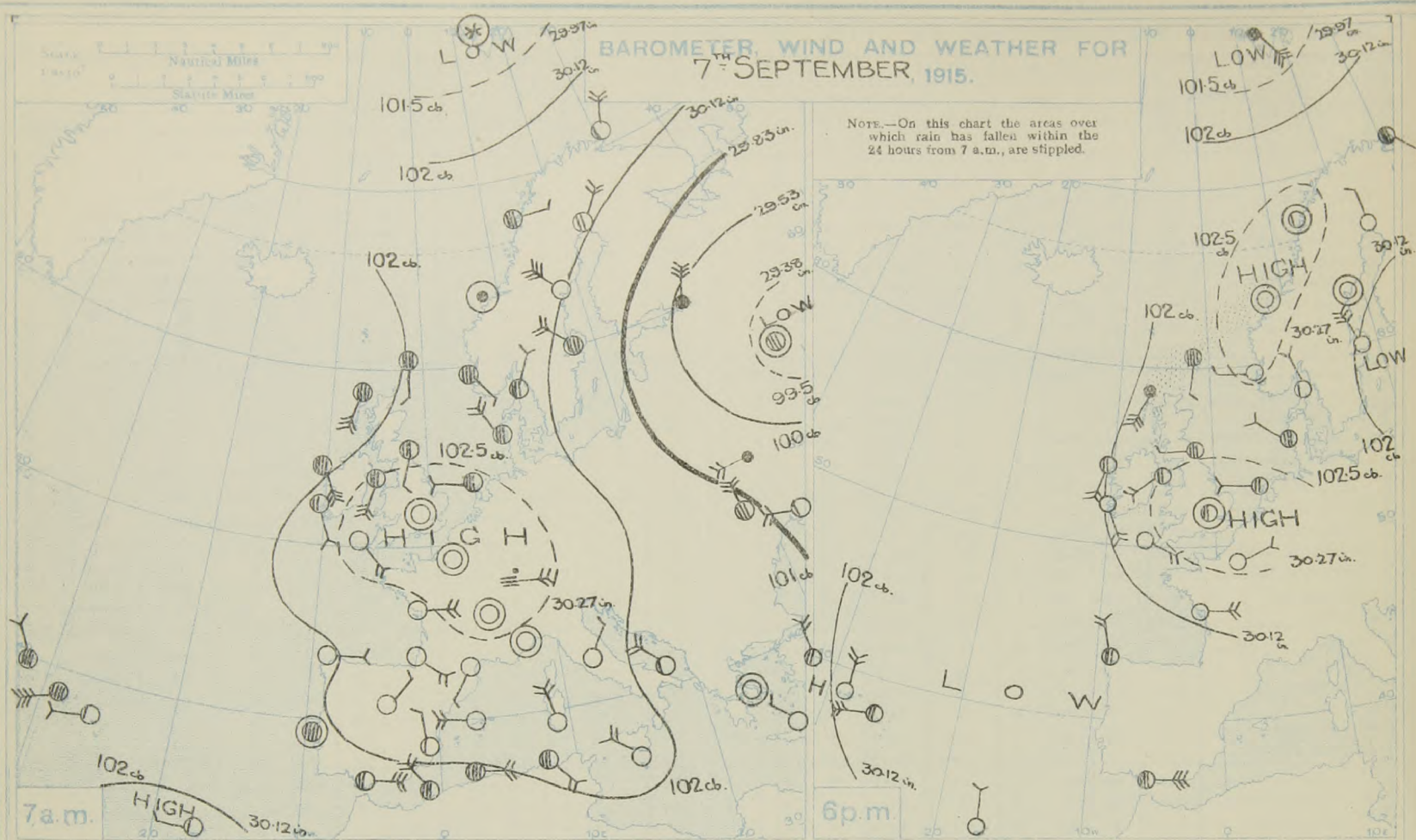
Pilot Balloon Ascent at about 7 a.m.

500 metres SSE 12 miles per hour

2000 metres SE by E 13 miles per hour.

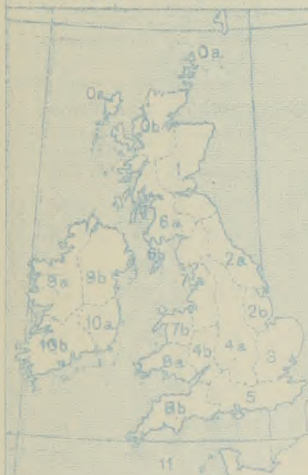
| RAINFALL.                              |         |     |         |
|--|---------|-----|---------|
| Equivalents of Millimetres. In Inches. |         |     |         |
| mm.                                    | Inches. | mm. | Inches. |
| 1                                      | 0.04    | 26  | 1.02    |
| 2                                      | 0.08    | 27  | 1.06    |
| 3                                      | 0.12    | 28  | 1.10    |
| 4                                      | 0.16    |     |         |





FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.



FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Cone.   
North Cone. 

Signals hoisted this morning.

South Cone.   
North Cone. 

No Warnings Issued.

Western Channel and Bay 11

FURTHER OUTLOOK.

R. G. K. LEMPFERT, Superintendent, Forecast Division.

W. NAPIER SHAW, Director

0 { a } Calm to light to moderate Southerly to South-  
b } Easterly; fine generally, local mist, some coast fog;  
mild.

1 { } Calms and light variable airs, becoming South-  
2 { a } Easterly later; fine, some mist; temperature moderate  
b } to mild.  
3 { }  
4 { a }  
b }

6 { a } Light to moderate Southerly to South-Easterly  
b } breezes; fine generally, local mist, some coast fog;  
7 { a } mild.  
b }  
8 { a }  
b }

9 { a }  
b }  
10 { a }  
b }

Millibars

1050

TEMPERATURE

1040

WEATHER

1030

1020

1010

1000

990

980

970

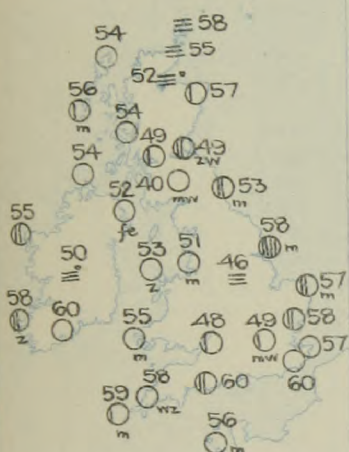


# SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 8<sup>TH</sup> SEPTEMBER, 1915.

## GENERAL INFERENCE.

A depression indicated at a considerable distance beyond our south-western coasts is not expected to interrupt the fine weather within the coming twenty-four hours.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE



### 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 ~~~. High ~~~~.



Inches  
31

30

29

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 SEPTEMBER.



# DAILY WEATHER REPORT.

2<sup>nd</sup> September. 1915.

| REPORTS<br><br>FOR<br><br>YESTERDAY.<br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>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## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.   | Rainfall.<br>mm. & ° F. | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm. & ° F. | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|-------------|-------------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|-------------------------|--------------|------|-----------|------------|--------------------------------------|
|             |                         | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                         | Max.         | Min. | Forenoon. | Afternoon. |                                      |
|             |                         | ° F.         | ° F. |           |            |                                      |                       |                         | ° F.         | ° F. |           |            |                                      |
| Scotland.   | Oban ...                | 2            | 62   | 53        | bc         | 0.0                                  | Tunbridge Wells ...   |                         | 69           | 48   | bc        | bc         | 3.5                                  |
|             | Banff ...               |              | 70   | 53        | bc         | 0.0                                  | Margate ...           |                         | 66           | 52   | bc        | bc         | 8.2                                  |
|             | Carnoustie ...          | 0.3          | 70   | 56        | bc         | 0.0                                  | Ramsgate ...          |                         | 66           | 48   | bc        | bc         | 7.6                                  |
|             | St. Andrews ...         |              | 68   | 37        | *          | 3.0                                  | Hastings ...          |                         | 65           | 50   | bc        | bc         | 7.9                                  |
| Eng. N.E.   | Harrogate ...           |              | 68   | 54        | o.c        | 4.2                                  | Bexhill-on-Sea ...    |                         |              |      |           |            |                                      |
|             | Skegness ...            |              | 71   | 49        | bc         | 7.1                                  | Eastbourne ...        |                         | 66           | 49   | bc        | bc         | 9.5                                  |
| Eng. N.W.   | Morecambe ...           |              | 66   | 55        | bc         | 8.3                                  | Seaford ...           |                         | 66           | 49   | bc        | bc         | 9.4                                  |
|             | Blackpool ...           |              | 68   | 55        | bc         | 7.4                                  | Brighton ...          |                         | 67           | 47   | bc        | bc         | 10.8                                 |
|             | Southport ...           |              | 65   | 55        | o.c        | 6.8                                  | Worthing ...          |                         | 67           | 47   | bc        | bc         | 11.4                                 |
| Midlands.   | Buxton ...              |              | 67   | 50        | bc         | 4.1                                  | Littlehampton ...     |                         | 64           | 3    | bc        | bc         | 10.7                                 |
|             | Leamington Spa ...      |              | 71   | 47        | bc         | 7.3                                  | Bognor ...            |                         | 67           | 47   | bc        | bc         | 11.0                                 |
|             | Malvern ...             |              | 69   | 50        | bc         | 10.0                                 | Southsea ...          |                         | 67           | 47   | bc        | bc         | 9.0                                  |
|             | Ross-on-Wye ...         |              | 71   | 43        | bc         | 6.8                                  | Bournemouth ...       |                         | 68           | 41   | w.c       | bc         | 8.8                                  |
| Wales.      | Rhyl ...                |              | 68   | 57        | bc         | 9.5                                  | Weymouth ...          |                         | 68           | 46   | bc        | bc         | 10.5                                 |
|             | Colwyn Bay ...          |              | 68   | 59        | bc         | 9.6                                  | Torquay ...           |                         | 66           | 48   | bc        | bc         | 8.0                                  |
|             | Llandudno ...           |              |      |           |            |                                      | Paignton ...          |                         |              |      |           |            |                                      |
|             | Aberystwyth ...         |              | 67   | 55        | o.c        | 9.0                                  | Falmouth ...          |                         | 65           | 52   | bc        | bc         | 11.1                                 |
|             | Tenby ...               |              | 67   | 56        | bc         | 10.7                                 | Penzance ...          |                         | 68           | 51   | bc        | bc         | 11.5                                 |
| England, E. | Cromer ...              |              | 73   | 54        | bc         | 8.3                                  | Newquay ...           |                         | 67           | 50   | bc        | bc         | 11.0                                 |
|             | Lowestoft ...           |              |      |           |            |                                      | Ilfracombe ...        |                         | 68           | 56   | bc        | bc         | 9.5                                  |
|             | Felixstowe ...          |              | 65   | 49        | bc         | 8.8                                  | Weston-super-Mare ... |                         | 70           | 50   | bc        | bc         | 10.0                                 |
|             | Walton-on-Naze ...      |              | 65   | 50        | bc         | 8.6                                  |                       |                         |              |      |           |            |                                      |
|             | Southend-on-Sea ...     |              | 72   | 52        | bc         | 6.0                                  |                       |                         |              |      |           |            |                                      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE. |      |                   | Rain-<br>fall. | WEATHER.       |                 |        |
|--|---------------------------|-----------------------|---|--------------|------|-------------------|----------------|----------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |      | Min. on<br>Grass. |                | Fore-<br>noon. | After-<br>noon. | Night. |
|  |                           |                       |   | Max.         | Min. |                   |                |                |                 |        |
|  |                           |                       |   |              |      |                   |                |                |                 |        |
|  |                           |                       |   |              |      |                   |                |                |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |              |      |                   |                |                |                 |        |
|  | %                         | %                     | Hr.                                     | ° F.         | ° F. | ° F.              | mm. §          |                |                 |        |
| Greenwich (Royal Obsy.) ...  | 53                        | 65                    | 9.5                                     | 72           | 45   | 36                | -              | bc             | bc              | bcm    |
| City (Bunhill Row) ...   | *                         | *                     | 8.5                                     | *            | *    | *                 | *              | *              | *               | *      |
| Westminster (St. James's Pk.)  | 46                        | 58                    | 8.8                                     | 71           | 47   | 47                | -              | bc             | bcm             | bc     |
| Camden Sq. (Brit. Rainfall)  | 49                        | ?                     | 8.2                                     | 72           | 47   | 45                | -              | b. bc          | bc. b           | *      |
| Hampstead (Reservoir) ...  | *                         | 65                    | 10.4                                    | 70           | 50   | 35                | -              | bc             | bcm             | bm     |
| Richmond Park ...  | *                         | *                     | 10.5                                    |              |      |                   |                |                |                 |        |
| Kew. (See front page.)   |                           |                       |   |              |      |                   |                |                |                 |        |
| VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                           |                       |   |              |      |                   |                |                |                 |        |
|  |                           |                       |   | Total.       |      | Average Rate.     |                | Max. Rate.     |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.)       |                           |                       |   | 14.63 Joules |      | 30.9 Milliwatts.  |                | 63 Milliwatts. |                 |        |
| S. Kensington (Roof of M.O.)   | 50                        | 59                    | 9.5                                     |              |      |                   |                |                |                 |        |

## Additional Observations for Yesterday.

| STATIONS.                                  | RAIN-<br>FALL. | TEMPERATURE. |      |                               | WEATHER. |                |                 | Sun-<br>shine<br>for<br>Yester-<br>day. |
|--|----------------|--------------|------|-------------------------------|----------|----------------|-----------------|---|
|  |                | In Screen.   |      | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon. | After-<br>noon. |   |
|  |                | Max.         | Min. |                               |          |                |                 |   |
|  | mm. &          | ° F.         | ° F. | ° F.                          |          |                |                 | Hr.                                     |
| Dublin to 4 p.m.                           |                |              |      |                               |          |                |                 | *                                       |
| Darwen to 9 p.m.                           |                |              |      |                               |          |                |                 |   |
| Manchester "                               | Trace          | 70           | 53   | *                             | b.ow     | b.c            | b.b.c.o         | 5.7                                     |
| Birmingham "                               | *              |              |      |                               | *        |                |                 | *                                       |
| Oxford to 8 p.m.                           |                |              |      |                               |          |                |                 |   |
| Teignmouth to 9 "                          | -              | 65           | 46   | 44                            | b.f      | f.b            | b               | 7.9                                     |
| Plymouth "                                 |                |              |      |                               |          |                |                 |   |
| S. Kensington<br>(Museum Grounds to 6p.m.) | -              | 71           | 49   | 29                            | b.bz     | bz.b           | bz              | *                                       |

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

| 2 <sup>nd</sup> Sept. 1915. | Sunrise. | Noon.  | Sunset. |
|-----------------------------|----------|--------|---------|
|                             | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                | 5.16     | 11.51  | 6.26    |
| Greenwich ...               | 5.17     | 11.50  | 6.23    |
| Wick ...                    | 5.26     | 11.58  | 6.31    |
| Valencia ...                | 5.30     | 12.00  | 6.40    |

## NOTES ON YESTERDAY'S WEATHER.

Temperature touched 75° at Aberdeen, and exceeded 70° at a number of other stations. Scotland had slight showers and little or no sunshine, but generally the weather was fine, with very good sunshine records in most places.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



| DATE.              | STATIONS.              | YESTERDAY EVENING.                    |              |        |                |          | THIS MORNING 7 A.M., G.M.T. |                           |              |                           |        |                                 |          |             |                                     |                | PAST 24 HOURS. |          |          |            |        | Sun-<br>shine<br>for<br>Yester-<br>day. |
|--------------------|------------------------|---------------------------------------|--------------|--------|----------------|----------|-----------------------------|---------------------------|--------------|---------------------------|--------|---------------------------------|----------|-------------|-------------------------------------|----------------|----------------|----------|----------|------------|--------|---|
|                    |                        | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.  |                | Weather. | Barometre.                  |                           | TEMP.        |                           | WIND.  | Dirce.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |                | WEATHER. |          |            |        |   |
|                    |                        |                                       |              | Dirce. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L. | Change<br>in 24<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Dirce. |                                 |          |             |                                     | Force<br>0-12. | Max.           | Min.     | Morning. | Afternoon. | Night. |   |
| BRITISH ISLANDS.   | Lerwick                | 1026.1                                | 57           | S      | 1              | f        | 1026.6                      | 0                         | 54           | -2                        | SSE    | 3                               | -        | f           | 2                                   | 60             | 53             | f. om    | bcf      | f          | Hours. |   |
|                    | Deerness               | 1023.7                                | 56           | ESE    | 4              | b        | 1024.4                      | +                         | 53           | -5                        | S      | 4                               | -        | f           | 3                                   | 62             | 53             | f. bc. b | b        | b. f       | 7.1    |   |
|                    | Stornoway              | 1021.9                                | 64           | SW     | 3              | b        | 1022.1                      | +1                        | 57           | +3                        | S      | 4                               | -        | b           | 4                                   | 66             | 48             | b        | b        | b          | 11.7   |   |
|                    | Castlebay (Barra Is.)  | 1021.1                                | 62           | SE     | 5              | bm       | 1021.0                      | 0                         | 58           | +2                        | ESE    | 5                               | -        | bm          | 5                                   | 63             | 55             | bm       | bm       | bm         | 11.0   |   |
|                    | Glasgow                | 1023.7                                | 65           | S      | 1              | b        | 1025.3                      | +1                        | 52           | +3                        | ESE    | 2                               | -        | b           | Trace                               | 72             | 49             | bz       | bz       | b. bz      | 9.9    |   |
|                    | Eskaudemuir            | 1024.1                                | 64           | -      | 0              | bz       | 1026.3                      | +1                        | 50           | +10                       | NNE    | 2                               | -        | bmw         | -                                   | 71             | 57             | bmw      | b. bz    | b. bmw     | 10.4   |   |
|                    | Malin Head             | 1020.2                                | 64           | S      | 4              | bm       | 1021.0                      | +2                        | 57           | +3                        | SSE    | 4                               | S        | bmw         | 3                                   | 70             | 53             | bm       | bm       | bm         | 11.9   |   |
|                    | Blacksod Point         | 1016.9                                | 61           | S      | 4              | bc       | 1018.1                      | +2                        | 57           | +2                        | SSE    | 4                               | S        | bmw         | 3                                   | 70             | 53             | bm       | bm       | bm         | 11.9   |   |
|                    | Valencia               | 1017.0                                | 60           | SSE    | 4              | b        | 1019.4                      | +2                        | 61           | +3                        | SE     | 2                               | -        | or          | 3                                   | 69             | 58             | bz       | bz       | b. bz      | 11.1   |   |
|                    | Roche's Point          | 1021.3                                | 61           | ESE    | 4              | b        | 1021.9                      | +                         | 60           | 0                         | ESE    | 3                               | SE       | c           | 3                                   | 62             | 59             | b        | b        | b. c       | 11.3   |   |
|                    | Birr Castle            | 1021.1                                | 65           | SE     | 1              | m        | 1021.4                      | +                         | 54           | +4                        | S      | 1                               | -        | m           | -                                   | 70             | 49             | z        | z        | f          | 11.3   |   |
|                    | Donaghadee             | 1022.6                                | 60           | S      | 3              | bm       | 1022.9                      | +2                        | 56           | +4                        | S      | 3                               | -        | bm          | 2                                   | Trace          | 64             | 51       | bmw      | bm         | bm     | 10.3                                    |
|                    | Liverpool (Ridston)    | 1023.4                                | 65           | SE     | 1              | b        | 1025.4                      | +1                        | 55           | +4                        | SE     | 2                               | -        | bm          | 2                                   | 71             | 51             | b        | b        | bm         | 10.3   |   |
|                    | Holyhead               | 1023.1                                | 63           | N      | 2              | bz       | 1023.8                      | 0                         | 57           | +4                        | SSE    | 2                               | -        | bz          | 0                                   | 71             | 53             | bz       | bz       | bz         | 11.2   |   |
|                    | Pembroke (St. Ann's)   | 1022.7                                | 61           | SSE    | 3              | b        | 1023.0                      | +1                        | 58           | +3                        | SSE    | 3                               | -        | b           | 3                                   | Trace          | 66             | 54       | bm       | b          | b      | 11.1                                    |
|                    | Scilly (St. Mary's)    | 1020.6                                | 61           | ESE    | 4              | bm       | 1021.0                      | -1                        | 60           | +1                        | SE     | 1                               | S        | cm          | 3                                   | 65             | 56             | bm       | bm       | bmw        | 11.4   |   |
|                    | Falmouth               | 1021.7                                | 62           | E      | 3              | bz       | 1022.2                      | +2                        | 58           | 0                         | E      | 1                               | -        | bmw         | 3                                   | 65             | 56             | bz       | bz       | bm         | 11.7   |   |
|                    | Jersey (St. Aubin)     | 1021.7                                | 68           | E      | 4              | b        | 1022.8                      | +                         | 60           | +4                        | E      | 2                               | -        | bm          | 2                                   | 74             | 56             | bmw      | b        | bmw        | 11.0   |   |
|                    | Portland Bill          | 1023.0                                | 62           | E      | 4              | b        | 1023.1                      | +1                        | 62           | +2                        | E      | 3                               | -        | bz          | 2                                   | 64             | 59             | b        | b        | b          | 11.0   |   |
|                    | Dungeness              | 1024.5                                | 62           | NE     | 3              | bc       | 1025.8                      | 0                         | 60           | 0                         | E      | 4                               | NE       | bz          | 3                                   | 67             | 58             | b. bc    | bc       | b. bz      | 10.9   |   |
|                    | Dover                  | 1025.5                                | 61           | NE     | 3              | bc       | 1026.1                      | +                         | 62           | +3                        | E      | 3                               | -        | bz          | 3                                   | 68             | 57             | b. bc. b | b        | b. bz      | 10.9   |   |
|                    | Wick                   | 1023.3                                | 59           | SSE    | 2              | m        | 1024.5                      | +2                        | 55           | 0                         | SSW    | 2                               | -        | m           | 3                                   | 63             | 54             | f. bc    | bm       | bm         | 10.0   |   |
|                    | Nairn                  | 1022.7                                | 63           | E      | 1              | bm       | 1023.6                      | +                         | 53           | +1                        | -      | 0                               | -        | bm          | 0                                   | 70             | 51             | b        | bz       | bm         | 10.0   |   |
|                    | Aberdeen               | 1025.2                                | 61           | S      | 2              | b        | 1026.1                      | 0                         | 57           | 0                         | S      | 2                               | -        | 0           | 2                                   | 72             | 56             | b        | b        | b. om      | 10.9   |   |
|                    | Leith                  | 1023.7                                | 62           | ESE    | 1              | b        | 1025.7                      | +1                        | 55           | +6                        | E      | 2                               | -        | bz          | -                                   | 69             | 49             | bz. b    | b        | b          | 10.9   |   |
|                    | Tynemouth              | 1025.4                                | 59           | ESE    | 1              | bm       | 1026.8                      | +1                        | 55           | +2                        | ESE    | 1                               | -        | bm          | 2                                   | 67             | 53             | bm       | bm       | bm         | 10.9   |   |
|                    | Spurn Head             | 1026.1                                | 60           | SSE    | 2              | bm       | 1028.2                      | +1                        | 58           | 0                         | SE     | 3                               | -        | bmw         | 2                                   | 66             | 57             | bm       | bm       | bm         | 5.7    |   |
| Yarmouth           | 1027.0                 | 61                                    | S            | 2      | c              | 1027.4   | +1                          | 60                        | +3           | ESE                       | 2      | -                               | bm       | 2           | Trace                               | 65             | 58             | bm       | cp       | c. bc      | 0.5    |   |
| Clacton-on-Sea     | 1025.8                 | 62                                    | E            | 2      | c              | 1026.9   | +1                          | 62                        | +4           | E                         | 2      | -                               | bc       | 2           | 66                                  | 57             | bmw            | c        | c. bc    | 4.4        |        |   |
| Nottingham         | 1024.8                 | 67                                    | SE           | 1      | bc             | 1027.1   | +                           | 54                        | +8           | E                         | 2      | E                               | bm       | -           | 74                                  | 45             | f. m. b        | b. bc    | bc. b    | 8.3        |        |   |
| Bath               | 1023.8                 | 68                                    | -            | 0      | b              | 1024.9   | +                           | 51                        | +3           | E                         | 1      | -                               | b        | -           | 72                                  | 47             | m. b           | b        | bm       | 11.6       |        |   |
| St. Farnborough    | 1024.1                 | 67                                    | -            | 0      | b              | 1025.1   | +1                          | 56                        | +13          | -                         | 0      | -                               | bmw      | -           | 72                                  | 41             | b              | b        | bm       | 11.5       |        |   |
| London (Kew Obsy.) | 1024.6                 | 67                                    | ESE          | 3      | b              | 1026.0   | +1                          | 59                        | +10          | E                         | 3      | -                               | bm       | -           | 72                                  | 49             | bmw            | b. bz    | b. b. bm | 10.5       |        |   |
| NORTHERN EUROPE.   | Spitsbergen            | 1014.9                                | 32           | -      | 0              | bc       | 1015.4                      | 0                         | 32           | -4                        | -      | 0                               | -        | c           | -                                   | 36             | 27             | -        | -        | -          | -      |   |
|                    | Vardö                  | 1018.4                                | 45           | W      | 2              | bc       | 1017.3                      | -1                        | 45           | -3                        | WNW    | 1                               | -        | 0           | 3                                   | 48             | 41             | -        | -        | -          | -      |   |
|                    | Bodö                   | 1026.7                                | 48           | E      | 2              | c        | 1026.2                      | 0                         | 52           | +7                        | SW     | 6                               | -        | 0           | 4                                   | 52             | 45             | -        | -        | -          | -      |   |
|                    | Christiansund          | 1020.1                                | 57           | -      | 0              | 0        | 1030.1                      | 0                         | 57           | +3                        | -      | 0                               | -        | c           | 1                                   | 63             | 54             | -        | -        | -          | -      |   |
|                    | Skudesnaes             | 1030.1                                | 55           | -      | 0              | b        | 1031.3                      | 0                         | 55           | 0                         | -      | 0                               | -        | b           | 2                                   | 63             | 48             | -        | -        | -          | -      |   |
|                    | Færder (Xlaula Fjord)  | 1029.2                                | 61           | WSW    | 2              | b        | 1031.3                      | +2                        | 55           | 0                         | NNE    | 1                               | -        | f           | 1                                   | 63             | 55             | -        | -        | -          | -      |   |
|                    | The Scaw (Skagen)      | 1029.0                                | 57           | -      | 0              | b        | 1031.1                      | +1                        | 59           | -2                        | -      | 0                               | -        | bc          | 1                                   | 64             | 48             | -        | -        | -          | -      |   |
|                    | Blaavands Huk          | 1029.2                                | 59           | WNW    | 1              | b        | 1031.0                      | +1                        | 48           | 0                         | ESE    | 1                               | E        | b           | 1                                   | 63             | 46             | -        | -        | -          | -      |   |
|                    | Haparanda              | 1024.3                                | 50           | SW     | 2              | b        | 1021.5                      | -2                        | 48           | 0                         | W      | 2                               | -        | 0           | -                                   | 61             | 41             | -        | -        | -          | -      |   |
|                    | Hernösand              | 1027.3                                | 55           | S      | 2              | b        | 1027.7                      | 0                         | 57           | +7                        | -      | 0                               | -        | b           | -                                   | 61             | 45             | -        | -        | -          | -      |   |
| FRANCE, & C.       | Stockholm              | 1026.7                                | 52           | N      | 4              | b        | 1026.7                      | 0                         | 54           | +2                        | W      | 2                               | -        | b           | -                                   | 59             | 45             | -        | -        | -          | -      |   |
|                    | Wisby                  | 1026.1                                | 46           | N      | 4              | b        | 1026.5                      | +3                        | ?            | ?                         | NNE    | ?                               | ?        | ?           | 1                                   | 52             | 41             | -        | -        | -          | -      |   |
|                    | Karlstad               | 1028.3                                | 59           | -      | 0              | b        | 1030.7                      | +1                        | 50           | 0                         | WNW    | 2                               | -        | b           | -                                   | 64             | 39             | -        | -        | -          | -      |   |
|                    | Petrograd (G.M.T.)     | 1029.1                                | 59           | -      | 0              | b        | 1029.1                      | +2                        | 59           | -2                        | E      | 2                               | -        | b           | 1                                   | 64             | 57             | -        | -        | -          | -      |   |
|                    | The Helder             | 1027.3                                | 61           | NE     | 1              | b        | 1029.1                      | +2                        | 59           | -2                        | E      | 2                               | -        | b           | 1                                   | 64             | 57             | -        | -        | -          | -      |   |
|                    | C. Gris Nez            | 1024.6                                | 63           | ESE    | 3              | b        | 1025.5                      | +1                        | 57           | -3                        | E      | 4                               | -        | m           | 2                                   | 70             | 55             | -        | -        | -          | -      |   |
|                    | La Hève                | 1025.0                                | 66           | ESE    | 3              | m        | 1021.5                      | +                         | 63           | +9                        | E      | 3                               | -        | m           | 2                                   | 68             | 48             | -        | -        | -          | -      |   |
|                    | Ushant                 | 1020.8                                | 61           | NE     | 1              | b        | 1021.2                      | +                         | 59           | +3                        | SE     | 1                               | -        | b           | 3                                   | 75             | 52             | -        | -        | -          | -      |   |
|                    | Brest (St. Mathieu)    | 1020.7                                | 63           | NW     | 1              | b        | 1021.1                      | +2                        | 60           | +5                        | ESE    | 3                               | -        | b           | 2                                   | 79             | 59             | -        | -        | -          | -      |   |
|                    | Rochefort (Île d'Als)  | 1018.6                                | 73           | NNW    | 1              | b        | 1019.7                      | +2                        | 57           | 0                         | ESE    | 3                               | -        | b           | -                                   | 88             | 55             | -        | -        | -          | -      |   |
| SOUTHERN EUROPE.   | Biarritz               | 1015.9                                | 75           | E      | 2              | b        | 1017.6                      | +2                        | 66           | +6                        | -      | 0                               | -        | bc          | 1                                   | 86             | 66             | -        | -        | -          | -      |   |
|                    | Paris                  | 1023.1                                | 64           | ESE    | 2              | b        | 1023.9                      | +1                        | 57           | +3                        | NE     | 1                               | NW       | b           | -                                   | 72             | 50             | -        | -        | -          | -      |   |
|                    | Belfort                | 1021.7                                | 66           | NNE    | 2              | b        | 1021.7                      | +                         | 53           | +1                        | -      | 0                               | -        | b           | -                                   | 73             | 50             | -        | -        | -          | -      |   |
|                    | Lyons                  | 1021.7                                | 66           | NNE    | 2              | b        | 1021.2                      | 0                         | 62           | -1                        | -      | 0                               | -        | b           | 0                                   | 77             | 57             | -        | -        | -          | -      |   |
|                    | Nice                   | 1022.4                                | 62           | -      | 0              | b        | 1021.2                      | 0                         | 62           | -1                        | -      | 0                               | -        | b           | 0                                   | 77             | 57             | -        | -        | -          | -      |   |
|                    | Perpignan              | 1020.2                                | 68           | -      | 0              | 0        | 1020.6                      | +2                        | 63           | 0                         | -      | 0                               | -        | 0           | -                                   | 71             | 54             | -        | -        | -          | -      |   |
|                    | Sanguinaire            | 1020.2                                | 68           | -      | 0              | 0        | 1020.6                      | +2                        | 63           | 0                         | -      | 0                               | -        | 0           | -                                   | 71             | 54             | -        | -        | -          | -      |   |
|                    | Corunna (7 a.m.)       | 1018.0                                | 64           | NNW    | 3              | b        | 1018.4                      | 0                         | 63           | +2                        | SE     | 2                               | S        | m           | 1                                   | 66             | 59             | -        | -        | -          | -      |   |
|                    | Madrid (8 a.m.)        | 1016.0                                | 77           | SE     | 2              | c        | 1020.6                      | +2                        | 63           | +                         | -      | 0                               | -        | b           | -                                   | 79             | 55             | -        | -        | -          | -      |   |
|                    | Lisbon (9 a.m.)        | 1015.9                                | 70           | E      | 4              | c        | 1016.9                      | +                         | 70           | +1                        | E      | 6                               | -        | 0           | 2                                   | 72             | 68             | -        | -        | -          | -      |   |
| SOUTHERN EUROPE.   | Gibraltar              | 1015.9                                | 70           | E      | 4              | c        | 1016.9                      | +                         | 70           | +1                        | E      | 6                               | -        | 0           | 2                                   | 72             | 68             | -        | -        | -          | -      |   |
|                    | Rome                   | 1015.9                                | 70           | E      | 4              | c        | 1016.9                      | +                         | 70           | +1                        | E      | 6                               | -        | 0           | 2                                   | 72             | 68             | -        | -        | -          | -      |   |
| SOUTHERN EUROPE.   | Malta (8 a.m.)         | 1015.9                                | 70           | E      | 4              | c        | 1016.9                      | +                         | 70           | +1                        | E      | 6                               | -        | 0           | 2                                   | 72             | 68             | -        | -        | -          | -      |   |
|                    | Azores (Horta, 8 a.m.) | 1023.7                                | 77           | -      | 0              | bc       | 1018.0                      | 0                         | 73           | +3                        | N      | 1                               | NW       | 0           | 1                                   | 82             | 70             | -        | -        | -          | -      |   |
| SOUTHERN EUROPE.   | Madeira (Funchal)      | 1017.7                                | 77           | N      | 1              | c        | 1018.0                      | 0                         | 73           | +3                        | N      | 1                               | NW       | 0           | 1                                   | 82             | 70             | -        | -        | -          | -      |   |
|                    |                        |                                       |              |        |                |          |                             |                           |              |                           |        |                                 |          |             |                                     |                |                |          |          |            |        |   |

South Farnborough

Pilot Balloon Ascent at about 7 a.m.

500 metres SE by E 18 miles per hour

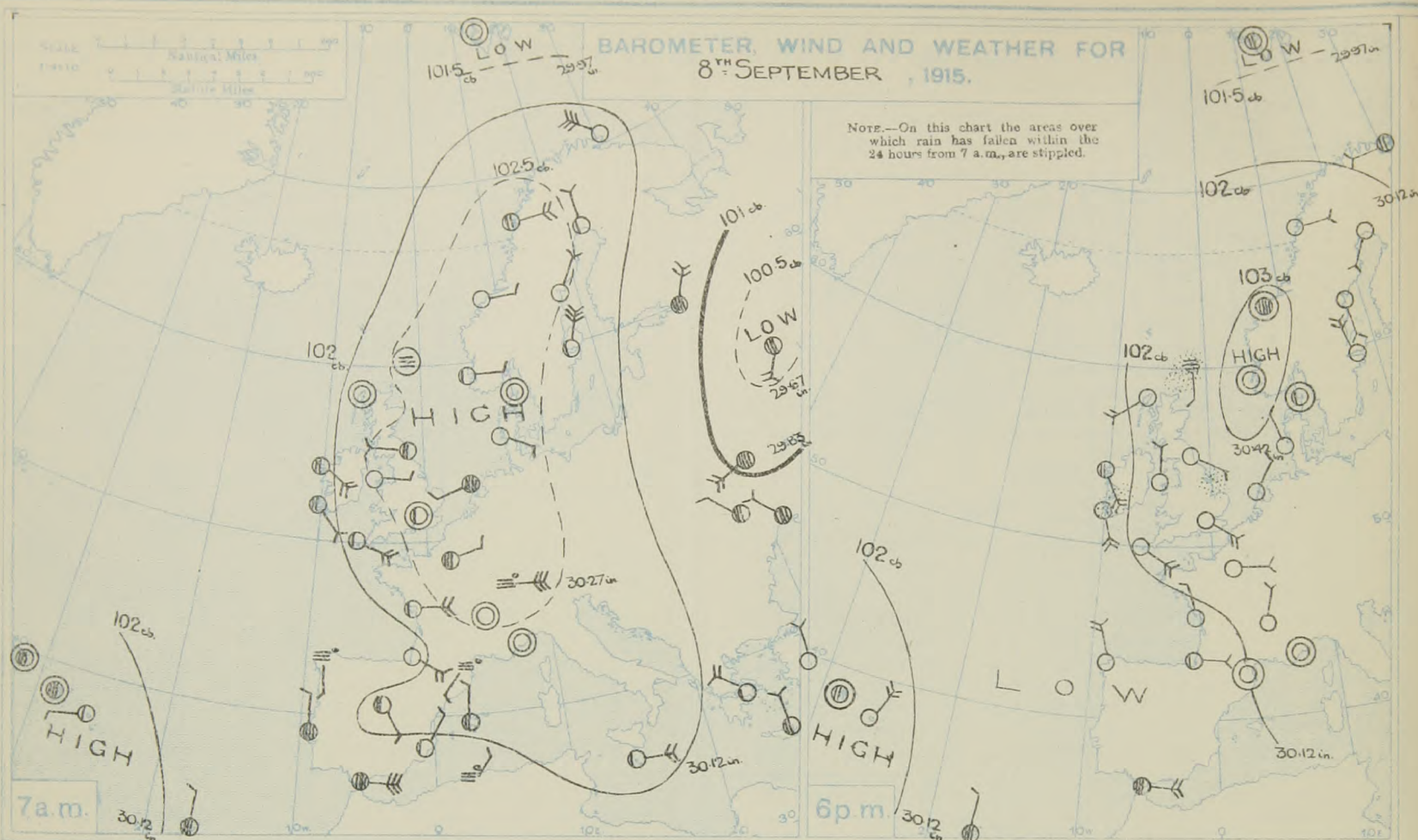
2000 metres E by S 15 miles per hour.

## RAINFALL.

Equivalents of Millimetres.  
in inches.

| mm. | Inches | mm. | Inches |
|-----|--------|-----|--------|
| 1   | 0.04   | 26  | 1.02   |
| 2   | 0.08   | 27  | 1.06   |
| 3   | 0.12   | 28  | 1.10   |
| 4   | 0.16   | 29  | 1.14   |
| 5   | 0.20   | 30  | 1.18   |
| 6   | 0.24   | 31  | 1.22   |
| 7   | 0.28   | 32  | 1.26   |
| 8   | 0.32   | 33  | 1.30   |
| 9   | 0.35   | 34  | 1.34   |
| 10  | 0.39   | 35  | 1.38   |
| 11  | 0.43   | 36  | 1.42   |
| 12  | 0.47   | 37  | 1.46   |
| 13  | 0.51   | 38  | 1.50   |
| 14  | 0.55   | 39  | 1.54   |
| 15  | 0.59   | 40  | 1.58   |
| 16  | 0.63   | 41  | 1.61   |
| 17  | 0.67   | 42  | 1.65   |
| 18  | 0.71   | 43  | 1.69   |
| 19  | 0.75   | 44  | 1.73   |
| 20  | 0.79   | 45  | 1.77   |
| 21  | 0.83   | 46  | 1.81   |
| 22  | 0.87   | 47  | 1.85   |
| 23  | 0.91   | 48  | 1.89   |
| 24  | 0.95   | 49  | 1.93   |
| 25  | 0.98   | 50  | 1.97   |





FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

|                            |                               |
|----------------------------|-------------------------------|
| Signals hoisted yesterday. | Signals hoisted this morning. |
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

No Warnings Issued.

Western Channel and Bay 11

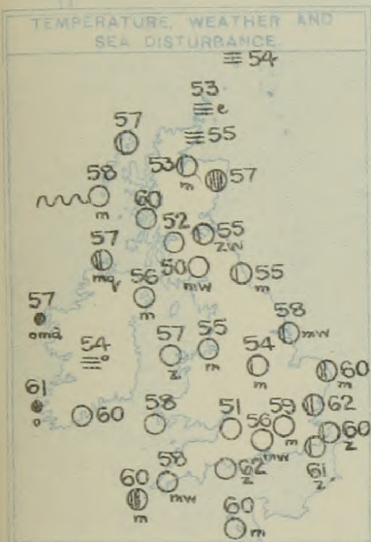
- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | Light to moderate South-Easterly to Southerly breezes; fine to dull, some showers, local fog; moderate temperature.       |
|    | b |   |   |
| 1  |   | } | Light South-Easterly to Southerly breezes; fair to fine, local mist; mild.  |
| 2  | a |   |   |
|    | b |   |   |
| 3  |   | } | Light Easterly to South-Easterly breezes; fine, some mist; mild.  |
| 4  | a |   |   |
|    | b |   |   |
| 5  |   | } | Same as No. 0.  |
| 6  | a |   |   |
|    | b |   |   |
| 7  | a | } | Same as Nos. 1 and 2.   |
|    | b |   |   |
| 8  | a | } | Moderate to light South-Easterly and Southerly breezes; mist and local showers to fair or fine; moderate temperature.     |
|    | b |   |   |
| 9  | a | } | Moderate to light South-Easterly breezes; sea slight to moderate; fine generally, some mist or fog; moderate temperature. |
|    | b |   |   |
| 10 | a | } |   |
|    | b |   |   |

FURTHER OUTLOOK.



GENERAL INFERENCE.

No important change  
is indicated.



EXPLANATION.

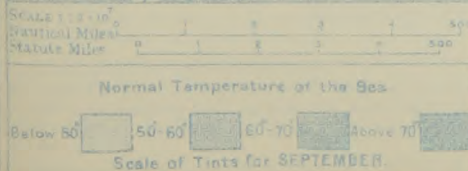
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**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 ½ clouded. ○ sky ¾ clouded.  
○ sky ¾ clouded. ○ overcast sky. ● rain falling.  
\* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough wavy. High wavy.





# DAILY WEATHER REPORT.

Thursday, 9<sup>th</sup> September 1915.

## REPORTS FOR YESTERDAY.

8<sup>th</sup> September

| STATIONS. | EVENING OBSERVATIONS.                 |              |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |                     |                           |        |                |                                 |          |             |      | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |  |
|-----------|---------------------------------------|--------------|--------|----------------|----------|--------------------------------|--------------------------|---------------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|------|-------------------------------------|-------|--|
|           | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.               |                           | WIND.  |                | Dirce.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                                     | Min.  |  |
|           |                                       |              | Dirce. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb.<br>°F. | Change<br>in 24<br>hours. | Dirce. | Force<br>0-12. |                                 |          |             |      |                                     |       |  |
| Petrograd | 1007.1                                | 50           | NE     | 4              | 0        | 1012.4                         | +4                       | 50                  | -4                        | NNE    | 4              | -                               | 0        | *           | 1    | 54                                  | 46    |  |
| La Hève   | 1025.2                                | 61           | NE     | 2              | 0        | 1025.9                         | *                        | 54                  | -1                        | ENE    | 3              | *                               | m        | 2           | -    | 64                                  | 46    |  |
| Ushant    | 1023.8                                | 60           | E      | 1              | 0        | 1022.7                         | *                        | 66                  | 0                         | SE     | 1              | *                               | 0        | 3           | -    | 72                                  | 50    |  |
| Biarritz  | 1018.3                                | 74           | E      | 1              | 0        | 1017.7                         | 0                        | 60                  | +3                        | ESE    | 3              | *                               | 0        | 0           | -    | 81                                  | 59    |  |
| Lyons     | 1024.4                                | 62           | NNE    | 1              | 0        | 1025.2                         | *                        | 52                  | +3                        | N      | 1              | *                               | 0        | *           | -    | 70                                  | 47    |  |
| Madrid    | 1016.6                                | 79           | ESE    | 3              | 0        | 1020.8                         | -1                       | 63                  | 0                         | SSE    | 1              | 5                               | 0        | *           | -    | 81                                  | 55    |  |
| Lisbon    | 1017.7                                | 73           | SW     | 3              | 0        | 1018.0                         | +1                       | 64                  | -2                        | N      | 1              | -                               | 0        | 2           | -    | 81                                  | 64    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.              | Rainfall.             | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS. | Rainfall.                | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |      |
|------------------------|-----------------------|--------------|------|-----------|------------|-------------------------------|-----------|--------------------------|--------------|------|-----------|------------|-------------------------------|------|
|                        |                       | Max.         | Min. | Forenoon. | Afternoon. |                               |           |                          | Max.         | Min. | Forenoon. | Afternoon. |                               |      |
|                        | mm. & .               | ° F.         | ° F. |           |            | Hr.                           |           | mm. & .                  | ° F.         | ° F. |           |            | Hr.                           |      |
| Scotland.              | Oban ... ..           | 1            | 71   | 49        | bc         | bc                            | 9.5       | Tunbridge Wells ... ..   | -            | 70   | 43        | bc         | bc                            | 11.4 |
|                        | Banff ... ..          | 0.3          | 74   | 55        | bc         | bc                            | 10.3      | Margate ... ..           | -            | 66   | 54        | bc         | bc                            | 6.6  |
|                        | Carnoustie ... ..     | -            | 70   | 58        | bc         | bc                            | 11.2      | Ramsgate ... ..          | -            | 65   | 54        | bc         | bc                            | 7.2  |
|                        | St. Andrews ... ..    | -            | 71   | 53        | *          | *                             | 10.8      | Hastings ... ..          | -            | 69   | 53        | bc         | bc                            | 11.6 |
| Eng.<br>N.E.           | Harrogate ... ..      | -            | 70   | 47        | bc         | bc                            | 10.5      | Bexhill-on-Sea ... ..    | -            | -    | -         | -          | -                             | -    |
|                        | Skegness ... ..       | -            | 69   | 54        | bc         | bc                            | 6.7       | Eastbourne ... ..        | -            | 66   | 48        | bc         | bc                            | 11.4 |
| Eng.<br>N.W.           | Morecambe ... ..      | -            | 68   | 48        | bc         | bc                            | 10.2      | Seaford ... ..           | -            | 72   | 49        | bc         | bc                            | 10.7 |
|                        | Blackpool ... ..      | -            | 72   | 46        | bc         | bc                            | 9.7       | Brighton ... ..          | -            | 70   | 49        | bc         | bc                            | 10.7 |
|                        | Southport ... ..      | -            | 73   | 46        | bc         | bc                            | 9.5       | Worthing ... ..          | -            | 69   | 47        | bc         | bc                            | 11.8 |
| Midlands.              | Buxton ... ..         | -            | 69   | 42        | bc         | bc                            | 10.8      | Littlehampton ... ..     | -            | 67   | 51        | bc         | bc                            | 11.6 |
|                        | Leamington Spa ... .. | -            | 72   | 45        | bc         | bc                            | 10.0      | Bognor ... ..            | -            | 67   | 51        | bc         | bc                            | 11.5 |
|                        | Malvern ... ..        | -            | 71   | 40        | bc         | bc                            | 11.0      | Southsea ... ..          | -            | 69   | 50        | bc         | bc                            | 10.7 |
|                        | Ross-on-Wye ... ..    | -            | 70   | 42        | bc         | bc                            | 9.9       | Bournemouth ... ..       | -            | 69   | 45        | bc         | bc                            | 11.2 |
| Wales.                 | Rhyl ... ..           | -            | 73   | 46        | bc         | bc                            | 11.3      | Weymouth ... ..          | -            | 68   | 51        | bc         | bc                            | 10.2 |
|                        | Colwyn Bay ... ..     | -            | 73   | 49        | bc         | bc                            | 11.6      | Torquay ... ..           | -            | 66   | 48        | bc         | bc                            | 8.8  |
|                        | Llandudno ... ..      | -            | -    | -         | -          | -                             | -         | Paignton ... ..          | -            | 66   | 44        | bc         | bc                            | 7.9  |
|                        | Aberystwyth ... ..    | -            | 73   | 51        | bc         | bc                            | 11.3      | Falmouth ... ..          | -            | 65   | 56        | bc         | bc                            | 11.5 |
| England,<br>E.         | Tenby ... ..          | -            | 68   | 48        | bc         | bc                            | 10.9      | Penzance ... ..          | -            | 68   | 56        | bc         | bc                            | 11.6 |
|                        | Cromer ... ..         | -            | 71   | 58        | bc         | bc                            | 3.0       | Newquay ... ..           | -            | 67   | 52        | bc         | bc                            | 11.3 |
|                        | Lowestoft ... ..      | 1            | 65   | 50        | bc         | bc                            | 0.4       | Ilfracombe ... ..        | -            | 71   | 53        | bc         | bc                            | 11.2 |
|                        | Felixstowe ... ..     | -            | 67   | 53        | bc         | bc                            | 4.9       | Weston-super-Mare ... .. | -            | 71   | 45        | bc         | bc                            | 11.3 |
|                        | Walton-on-Naze ... .. | -            | 68   | 53        | bc         | bc                            | 2.1       |                          |              |      |           |            |                               |      |
| Southend-on-Sea ... .. | -                     | 71           | 52   | bc        | bc         | 10.3                          |           |                          |              |      |           |            |                               |      |

† is sunset.

## LONDON OBSERVATIONS.

| STATIONS.   | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |            |                   | Rain-<br>fall.                    | WEATHER.       |                              |           |
|---|---------------------------|-----------------------|---|--|------------|-------------------|-----------------------------------|----------------|------------------------------|-----------|
|   | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |            | Min. on<br>Grass. |                                   | Fore-<br>noon. | After-<br>noon.              | Night.    |
|   |                           |                       |   | Max.   | Min.       |                   |                                   |                |                              |           |
|   |                           |                       |   |  |            |                   |                                   |                |                              |           |
| 24 HOURS ENDED 9 A.M. TO-DAY.   |                           |                       |   |  |            |                   |                                   |                |                              |           |
| Greenwich (Royal Obs.) ...  | %<br>56                   | %<br>78               | Hr.<br>10.9                             | ° F.<br>73   | ° F.<br>55 | ° F.<br>45        | mm. †<br>—                        | b              | b                            | b, f, b   |
| City (Bunhill Row) ...  | %<br>7                    | %<br>8                | 7.5                                     | %<br>74  | %<br>55    | %<br>50           | %<br>—                            | %<br>b         | %<br>b                       | %<br>b, m |
| Westminster (St. James's Pk.)   | 57                        | 83                    | 9.2                                     | 74   | 58         | 53                | —                                 | b              | b                            | b, m      |
| Camden Sq. (Brit. Rainfall)   | 55                        | 79                    | 6.6                                     | 74   | 55         | 50                | —                                 | b, b           | b                            | %         |
| Hampstead (Reservoir) ...   | %<br>*                    | %<br>78               | 8.2                                     | 70   | 54         | 44                | —                                 | b, c           | om                           | b         |
| Richmond Park ...   | %<br>*                    | %<br>*                | 10.7                                    | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |            |                   |                                   |                |                              |           |
| Kew. (See front page.)  | %<br>*                    | %<br>*                | 10.7                                    |  |            |                   |                                   |                |                              |           |
| (Greenwich and Camden Square air temperatures are in Glaisher screens.) |                           |                       |   |  |            |                   |                                   |                |                              |           |
| S. Kensington (Roof of M.O.)  | 56                        | 80                    | 9.8                                     | Total.<br>1401 Joules  |            |                   | Average Rate.<br>29.7 Milliwatts. |                | Max. Rate.<br>57 Milliwatts. |           |

## Additional Observations for Yesterday.

| STATIONS.                                   | RAIN-<br>FALL. | TEMPERATURE. |      |                               | WEATHER. |                |                 | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---|----------------|--------------|------|-------------------------------|----------|----------------|-----------------|---|
|   |                | In Screen.   |      | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon. | After-<br>noon. |   |
|   |                | Max.         | Min. |                               |          |                |                 |   |
|   | Imm. §         | ° F.         | ° F. | ° F.                          |          |                |                 | Hr.                                     |
| Dublin to 4 p.m.                            |                |              |      |                               |          |                |                 |   |
| Darwen to 3 p.m.                            | -              | 73           | 51   | 44                            | bws      | bc             | bc              | 9.1                                     |
| Manchester "                                |                |              |      |                               |          |                |                 |   |
| Birmingham "                                |                |              |      |                               |          |                |                 |   |
| Oxford to 8 p.m.                            |                |              |      |                               |          |                |                 |   |
| Teignmouth to 9 "                           | -              | 65           | 46   | 46                            | bef      | c. b           | b               | 8.2                                     |
| Plymouth "                                  |                |              |      |                               |          |                |                 |   |
| S. Kensington<br>(Museum Grounds to 6 p.m.) | -              | 74           | 50   | 40                            | b. bz    | bz             | bz              |   |

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

| STATIONS.     | 9 <sup>th</sup> Sept. 1915. |       |         |
|---------------|-----------------------------|-------|---------|
|               | Sunrise.                    | Noon. | Sunset. |
| Yarmouth ...  | 5.47                        | 11.50 | 6.23    |
| Greenwich ... | 5.49                        | 11.50 | 6.21    |
| Wick ...      | 5.36                        | 11.57 | 6.28    |
| Valencia ...  | 5.32                        | 12.04 | 6.42    |

## NOTES ON YESTERDAY'S WEATHER.

Fine weather ruled nearly everywhere, with sunshine from 10 to 12 hours at most stations. Off the north of Scotland there was much fog. Temperature rose to between 70° and 74° in many districts.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.

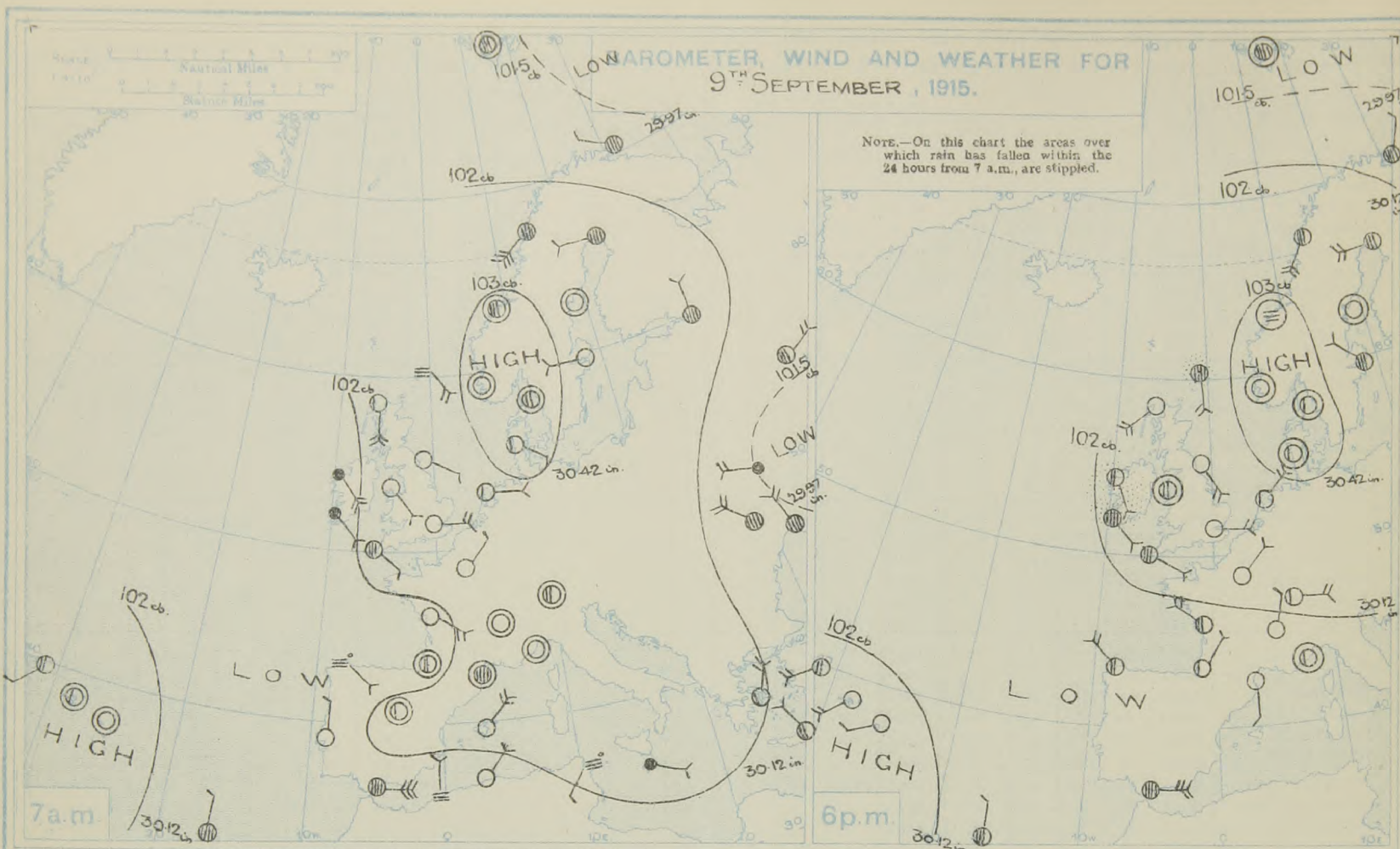


## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 253.

Friday  
10th September, 1915.

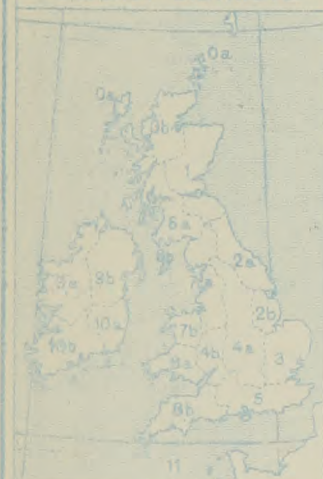
|                     | STATIONS.                 | YESTERDAY EVENING.                    |              |                             |                          |          | THIS MORNING 7 A.M., G.M.T. |                           |        |                |       |      |                                 |          |             |                                     | PAST 24 HOURS. |            |          |           |            | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---------------------|---------------------------|---------------------------------------|--------------|-----------------------------|--------------------------|----------|-----------------------------|---------------------------|--------|----------------|-------|------|---------------------------------|----------|-------------|-------------------------------------|----------------|------------|----------|-----------|------------|---|
|                     |                           | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.                       |                          | Weather. | Barometer.                  |                           | TEMP.  |                | WIND. |      | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |            | WEATHER. |           |            |   |
|                     |                           |                                       |              | Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. |          | Dry<br>Bulb.                | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. | Max.  | Min. |                                 |          |             |                                     | Morning.       | Afternoon. | Night.   |           |            |   |
| BRITISH ISLANDS.    | Lerwick ...               | 1025.8                                | 55           | S                           | 3                        | om       | 1027.4                      | +1                        | 53     | -1             | S     | 2    | -                               | f        | 2           | 0.2                                 | 55             | 51         | f        | f         | bm f       | Hours.                                  |
|                     | Deerness ...              | 1023.7                                | 56           | SE                          | 4                        | bcn      | 1026.1                      | +                         | 54     | +1             | SE    | 3    | SW                              | f bcn    | 3           | -                                   | 56             | 54         | f        | f         | bm f       | 2.2                                     |
|                     | Stornoway ...             | 1022.5                                | 66           | SW                          | 4                        | b        | 1024.8                      | +2                        | 56     | -1             | SSW   | 1    | -                               | bz       | 1           | -                                   | 69             | 52         | b        | b         | m.bcn      | 10.1                                    |
|                     | Castlebay (Barra Isd.)    | 1021.7                                | 59           | E                           | 3                        | cm       | 1023.7                      | +2                        | 58     | 0              | SE    | 4    | -                               | cm       | 4           | 0.2                                 | 62             | 56         | bcn      | b bcz     | off. cm    | 8.7                                     |
|                     | Glasgow ...               | 1024.5                                | 66           | SSW                         | 1                        | bc       | 1027.9                      | +3                        | 56     | +4             | ESE   | 1    | S                               | c        | *           | -                                   | 73             | 51         | bz       | b bcz     | bc. bcz    | 8.9                                     |
|                     | Eskdalemuir ...           | 1025.5                                | 63           | S                           | 1                        | bcz      | 1029.0                      | +1                        | 50     | 0              | N     | 1    | -                               | bmw      | *           | -                                   | 70             | 47         | bmw. bc  | bc. bcz   | bc. bmw    | 8.8                                     |
|                     | Malin Head ...            | 1021.6                                | 65           | S                           | 3                        | bcz      | 1023.5                      | 0                         | 60     | +3             | S     | 2    | S                               | bcn      | 2           | -                                   | 70             | 56         | bc       | c         | bcn        | 7.7                                     |
|                     | Blackod Point ...         | 1020.5                                | 62           | S                           | 2                        | bc       | 1021.3                      | 0                         | 56     | -1             | S     | 2    | S                               | bc       | 2           | 0.2                                 | 62             | 52         | ofe      | bcn       | bc. cm     | *                                       |
|                     | Valencia ...              | 1020.5                                | 62           | SE                          | 2                        | om       | 1020.6                      | 0                         | 52     | -9             | -     | 0    | NW                              | bc       | 4           | 5                                   | 66             | 50         | omw      | omw       | m. o. c. b | 0.1                                     |
|                     | Roche's Point ...         | 1022.9                                | 61           | SE                          | 1                        | r        | 1023.2                      | *                         | 60     | 0              | ESE   | 3    | N                               | bc       | 3           | 1                                   | 64             | 59         | o        | p. o      | omw. bc    | *                                       |
|                     | Birr Castle ...           | 1021.9                                | 64           | S                           | 1                        | c        | 1023.1                      | *                         | 59     | +5             | SE    | 2    | -                               | c        | *           | 0.4                                 | 71             | 53         | z. c     | cp        | c          | 3.8                                     |
|                     | Donaghadee ...            | 1020.4                                | 62           | SSW                         | 3                        | bcz      | 1025.3                      | +1                        | 56     | 0              | SSE   | 2    | -                               | bcn      | 2           | -                                   | 68             | 54         | bz       | bcz       | bm. bcn    | *                                       |
|                     | Liverpool (Bidston)       | 1025.0                                | 66           | ESE                         | 3                        | b        | 1027.5                      | +1                        | 53     | -2             | ESE   | 3    | -                               | bm       | 3           | -                                   | 71             | 53         | bz       | b         | bm         | 9.2                                     |
|                     | Holyhead ...              | 1023.6                                | 64           | -                           | 0                        | bcn      | 1025.7                      | +1                        | 59     | +2             | E     | 2    | SE                              | cm       | 1           | -                                   | 74             | 55         | bz       | bz        | b. bc. c   | 9.6                                     |
|                     | Pembroke (St. Ann's)      | 1023.3                                | 64           | SE                          | 3                        | bc       | 1024.7                      | +1                        | 57     | -1             | SE    | 3    | -                               | bc       | 3           | -                                   | 67             | 56         | b        | b         | bc         | 9.3                                     |
|                     | Scilly (St. Mary's)       | 1021.6                                | 62           | ESE                         | 2                        | cm       | 1021.3                      | 0                         | 60     | 0              | E     | 4    | S                               | bcn      | 4           | 0.1                                 | 68             | 57         | bcn      | cm        | bm. bcn    | 6.2                                     |
|                     | Falmouth ...              | 1021.9                                | 62           | ENE                         | 2                        | bz       | 1023.0                      | 0                         | 59     | +1             | ENE   | 2    | E                               | bczw     | 3           | -                                   | 67             | 57         | bm. z    | z         | bcw        | 10.0                                    |
|                     | Jersey (St. Aubin)        | 1021.8                                | 70           | ESE                         | 4                        | b        | 1023.0                      | *                         | 62     | +2             | E     | 4    | -                               | b        | 3           | -                                   | 77             | 58         | bm. b    | b         | bw         | 11.5                                    |
|                     | Portland Bill ...         | 1023.7                                | 63           | E                           | 3                        | b        | 1024.0                      | 0                         | 57     | -5             | ENE   | 4    | -                               | b        | 3           | -                                   | 66             | 55         | b        | b         | b          | *                                       |
|                     | Dungeness ...             | 1023.9                                | 62           | NE                          | 5                        | bz       | 1025.9                      | 0                         | 58     | -2             | NE    | 4    | -                               | b        | 4           | -                                   | 67             | 57         | bz       | bz        | b          | *                                       |
|                     | Dover ...                 | 1025.9                                | 59           | NE                          | 4                        | b        | 1026.6                      | 0                         | 59     | -1             | E     | 2    | -                               | b        | 3           | -                                   | 67             | 53         | z. b     | b         | bw         | 10.1                                    |
|                     | Wick ...                  | 1023.5                                | 60           | SW                          | 2                        | m        | 1025.9                      | +1                        | 55     | 0              | SW    | 2    | -                               | m        | 3           | -                                   | 60             | 53         | bm       | bm. om    | om. bcn    | *                                       |
|                     | Nairn ...                 | 1023.2                                | 69           | -                           | 0                        | bcz      | 1026.2                      | *                         | 57     | +4             | -     | 0    | -                               | bcn      | 0           | -                                   | 76             | 51         | bz       | b bcz     | bcn        | 8.1                                     |
|                     | Aberdeen ...              | 1026.0                                | 59           | S                           | 4                        | b        | 1028.4                      | +2                        | 57     | 0              | S     | 3    | -                               | b        | 2           | -                                   | 64             | 56         | om. bm   | bm. bz    | bz. om. b  | 7.4                                     |
|                     | Leith ...                 | 1024.2                                | 64           | SE                          | 1                        | bc       | 1028.0                      | +2                        | 55     | 0              | -     | 0    | -                               | bcw      | *           | -                                   | 68             | 51         | bcz      | bz        | b          | *                                       |
| Tynemouth ...       | 1027.0                    | 59                                    | SE           | 3                           | bm                       | 1029.5   | +2                          | 50                        | -5     | WSW            | 2     | -    | f                               | 3        | -           | 62                                  | 49             | bm         | bm       | f         | *          |   |
| Spurn Head ...      | 1028.4                    | 60                                    | SE           | 5                           | bc                       | 1029.3   | 0                           | 58                        | 0      | -              | 0     | -    | bcw                             | 3        | 0.2         | 66                                  | 56             | bc         | bc       | bc        | 10.8       |   |
| Yarmouth ...        | 1027.9                    | 62                                    | ESE          | 3                           | b                        | 1029.3   | +2                          | 60                        | 0      | SE             | 4     | -    | b                               | 3        | -           | 65                                  | 58             | b          | b        | b         | 11.7       |   |
| Clacton-on-Sea ...  | 1026.5                    | 62                                    | E            | 3                           | b                        | 1027.3   | 0                           | 61                        | -1     | E              | 3     | -    | b                               | 2        | -           | 65                                  | 57             | bc. bm     | bm. b    | bw        | 11.6       |   |
| Nottingham ...      | 1026.1                    | 65                                    | E            | 2                           | bc                       | 1028.7   | *                           | 53                        | -1     | E              | 1     | -    | ome                             | *        | -           | 72                                  | 60             | b. bc      | bc       | bc. b     | 8.4        |   |
| Bath ...            | 1023.8                    | 71                                    | -            | 0                           | b                        | 1026.4   | *                           | 54                        | +3     | E              | 1     | -    | m                               | *        | -           | 75                                  | 50             | m. b       | b        | bm        | 10.7       |   |
| Sth Farnborough ... | 1024.8                    | 65                                    | E            | 2                           | b                        | 1026.1   | +1                          | 53                        | -3     | E              | 1     | -    | mw                              | *        | -           | 74                                  | 51             | bz         | bc. bz   | bm        | 9.1        |   |
| London (Kew Obsy.)  | 1025.6                    | 65                                    | E            | 3                           | bz                       | 1027.0   | +1                          | 51                        | -8     | ENE            | 1     | -    | fe                              | *        | Trace       | 71                                  | 47             | bm. bm. bz | bz. bz   | bz. b. fe | 8.8        |   |
| NORTHERN EUROPE.    | Spitsbergen ...           | 1013.0                                | 34           | -                           | 0                        | o        | 1011.1                      | +1                        | 34     | +2             | -     | 0    | -                               | s        | *           | -                                   | 34             | 32         | -        | -         | -          | *                                       |
|                     | Vardö ...                 | 1017.6                                | 45           | NNE                         | 1                        | o        | 1011.3                      | -5                        | 45     | 0              | SE    | 2    | -                               | r        | 2           | -                                   | 46             | 41         | -        | -         | -          | *                                       |
|                     | Bodö ...                  | 1026.1                                | 52           | SW                          | 4                        | c        | 1024.0                      | -1                        | 50     | -2             | SW    | 7    | -                               | c        | 4           | -                                   | 54             | 48         | -        | -         | -          | *                                       |
|                     | Christiansund ...         | 1030.6                                | 54           | -                           | 0                        | f        | 1028.6                      | 0                         | 54     | -3             | -     | 0    | -                               | b        | 1           | -                                   | 61             | 50         | -        | -         | -          | *                                       |
|                     | Skudesnaes ...            | 1030.9                                | 54           | -                           | 0                        | b        | 1032.6                      | 0                         | 52     | +3             | -     | 0    | -                               | f        | 2           | -                                   | 63             | 46         | -        | -         | -          | *                                       |
|                     | Færder (X'ania Fjord)     | 1030.4                                | 59           | SW                          | 2                        | bc       | 1031.4                      | 0                         | 54     | -1             | -     | 0    | -                               | f        | 0           | -                                   | 59             | 54         | -        | -         | -          | *                                       |
|                     | The Scaw (Skagen)         | 1030.7                                | 57           | -                           | 0                        | b        | 1031.1                      | 0                         | 61     | +2             | WSW   | 1    | -                               | b        | 1           | -                                   | 66             | 50         | -        | -         | -          | *                                       |
|                     | Blaavands Huk ...         | 1030.5                                | 59           | -                           | 0                        | b        | 1032.3                      | +2                        | 46     | -2             | E     | 1    | -                               | b        | 1           | -                                   | 64             | 41         | -        | -         | -          | *                                       |
|                     | Haparanda ...             | 1019.7                                | 57           | W                           | 4                        | c        | 1019.3                      | -1                        | 57     | +9             | W     | 2    | N                               | bc       | *           | -                                   | 61             | 45         | -        | -         | -          | *                                       |
|                     | Hernösand ...             | 1025.9                                | 63           | -                           | 0                        | b        | 1027.7                      | 0                         | 61     | +4             | NW    | 2    | -                               | b        | *           | -                                   | 70             | 54         | -        | -         | -          | *                                       |
| FRANCE, &c.         | Stockholm ...             | 1025.5                                | 63           | NNW                         | 2                        | c        | 1026.6                      | +1                        | 57     | +3             | NNW   | 2    | -                               | b        | *           | -                                   | 64             | 52         | -        | -         | -          | *                                       |
|                     | Wisby ...                 | 1028.4                                | 52           | WSW                         | 2                        | b        | 1028.8                      | 0                         | 57     | +7             | -     | 0    | N                               | b        | 0           | -                                   | 59             | 48         | -        | -         | -          | *                                       |
|                     | Karlstad ...              | 1028.8                                | 61           | -                           | 0                        | bc       | 1030.7                      | +1                        | 57     | +7             | -     | 0    | -                               | o        | *           | -                                   | 70             | 52         | -        | -         | -          | *                                       |
|                     | Petrograd (8 a.m. G.M.T.) | 1028.8                                | 61           | -                           | 0                        | bc       | 1030.7                      | +1                        | 57     | +7             | -     | 0    | -                               | o        | *           | -                                   | 70             | 52         | -        | -         | -          | *                                       |
|                     | The Helder ...            | 1028.2                                | 63           | NE                          | 3                        | b        | 1029.6                      | +1                        | 57     | -2             | ENE   | 2    | E                               | b        | 1           | -                                   | 64             | 55         | -        | -         | -          | *                                       |
|                     | C. Gris Nez ...           | 1024.6                                | 63           | E                           | 3                        | b        | 1026.1                      | +2                        | 55     | -2             | ESE   | 3    | -                               | b        | 2           | -                                   | 70             | 50         | -        | -         | -          | *                                       |
|                     | La Hève ...               | 1016.7                                | 72           | NE                          | 3                        | m        | 1023.4                      | *                         | 54     | -9             | ENE   | 3    | -                               | m        | 1           | -                                   | 75             | 50         | -        | -         | -          | *                                       |
|                     | Ushant ...                | 1020.8                                | 61           | ENE                         | 2                        | b        | 1021.1                      | *                         | 59     | 0              | SE    | 2    | -                               | b        | 2           | -                                   | 78             | 55         | -        | -         | -          | *                                       |
|                     | Brest (St. Mathieu)       | 1020.6                                | 69           | NNE                         | 1                        | bc       | 1021.3                      | 0                         | 61     | +1             | E     | 3    | -                               | b        | 2           | -                                   | 81             | 59         | -        | -         | -          | *                                       |
|                     | Rochefort (Ile d'Aix)     | 1018.1                                | 71           | NW                          | 3                        | bc       | 1017.9                      | 0                         | 61     | +4             | ENE   | 4    | -                               | b        | *           | -                                   | 81             | 55         | -        | -         | -          | *                                       |
| SOUTHERN EUROPE.    | Biarritz ...              | 1016.0                                | 69           | NE                          | 2                        | b        | 1015.8                      | 0                         | 60     | -6             | SE    | 1    | -                               | bc       | 3           | -                                   | 77             | 59         | -        | -         | -          | *                                       |
|                     | Paris ...                 | 1021.3                                | 64           | NE                          | 2                        | b        | 1023.8                      | 0                         | 50     | -7             | NE    | 2    | -                               | b        | *           | -                                   | 75             | 45         | -        | -         | -          | *                                       |
|                     | Belfort ...               | 1022.9                                | 59           | E                           | 3                        | b        | 1024.3                      | *                         | 47     | -              | E     | 6    | -                               | m        | *           | -                                   | 68             | 43         | -        | -         | -          | *                                       |
|                     | Lyons ...                 | 1018.9                                | 69           | -                           | 0                        | b        | 1026.4                      | *                         | 51     | -2             | -     | 0    | -                               | b        | *           | -                                   | 78             | 50         | -        | -         | -          | *                                       |
|                     | Nice ...                  | 1019.1                                | 63           | -                           | 0                        | b        | 1018.3                      | +1                        | 64     | +2             | -     | 0    | -                               | bc       | 2           | -                                   | 73             | 57         | -        | -         | -          | *                                       |
|                     | Perpignan ...             | 1018.6                                | 66           | S                           | 1                        | b        | 1017.7                      | 0                         | 61     | -2             | S     | 1    | -                               | o        | *           | -                                   | 77             | 55         | -        | -         | -          | *                                       |
|                     | Sanguinaire ...           | 1018.6                                | 66           | S                           | 1                        | b        | 1017.7                      | 0                         | 61     | -2             | S     | 1    | -                               | o        | *           | -                                   | 77             | 55         | -        | -         | -          | *                                       |
|                     | Corunna (7 a.m.)          | 1016.8                                | 68           | NW                          | 3                        | bc       | 1014.0                      | +2                        | 64     | +1             | NW    | 2    | -                               | r        | 1           | -                                   | 72             | 61         | -        | -         | -          | *                                       |
|                     | Madrid (8 a.m.) †         | 1014.0                                | 79           | -                           | 0                        | b        | 1016.0                      | 0                         | 66     | +3             | NE    | 1    | NE                              | bc       | *           | -                                   | 82             | 63         | -        | -         | -          | *                                       |
|                     | Lisbon (9 a.m.)           | 1015.9                                | 71           | E                           | 5                        | o        | 1014.5                      | *                         | 71     | +1             | SE    | 4    | -                               | f        | 2           | -                                   | 74             | 69         | -        | -         | -          | *                                       |
|                     | Gibraltar ...             | 1015.9                                | 71           | E                           | 5                        | o        | 1014.5                      | *                         | 71     | +1             | SE    | 4    | -                               | f        | 2           | -                                   | 74             | 69         | -        | -         | -          | *                                       |
|                     | Rome ...                  | 1015.9                                | 71           | E                           | 5                        | o        | 1014.5                      | *                         | 71     | +1             | SE    | 4    | -                               | f        | 2           | -                                   | 74             | 69         | -        | -         | -          | *                                       |
|                     | Malta (8 a.m.)            | *                                     | *            | *                           | *                        | *        | 1016.0                      | +1                        | 77     | +2             | SE    | 1    | -                               | c        | *           | -                                   | 79             | 73         | -        | -         | -          | *                                       |
|                     | Azores (Horta, 8 a.m.)    | 1021.7                                | *            | SW                          | 3                        | b        | 1028.7                      | 0                         | 66     | +2             | W     | 4    | -                               | bc       | 1           | -                                   | 75             | 66         | -        | -         | -          | *                                       |
|                     | Madeira (Funchal)         | 1017.5                                | 75           | N                           | 1                        | c        | 1018.7                      | +1                        | 68     | -5             | N     | 1    | -                               | b        | 1           | -                                   | 77             | 66         | -        | -         | -          | *                                       |
|                     |                           |                                       |              |                             |                          |          |                             |                           |        |                |       |      |                                 |          |             |                                     |                |            |          |           |            |   |
|                     |                           |                                       |              |                             |                          |          |                             |                           |        |                |       |      |                                 |          |             |                                     |                |            |          |           |            |   |
|                     |                           |                                       |              |                             |                          |          |                             |                           |        |                |       |      |                                 |          |             |                                     |                |            |          |           |            |   |
|                     |                           |                                       |              |                             |                          |          |                             |                           |        |                |       |      |                                 |          |             |                                     |                |            |          |           |            |   |
|                     |                           |                                       |              |                             |                          |          | </                          |                           |        |                |       |      |                                 |          |             |                                     |                |            |          |           |            |   |





FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

No Warnings Issued.

Western Channel and Bay 11

**FURTHER OUTLOOK.**

Calms and variable breezes, mainly

Easterly to South-Easterly or Southerly;

generally fair or fine, but with morning

mist or fog in most places; mild.

Easterly and South-Easterly breezes, moderate or fresh at times; sea slight or moderate; fine generally, some rain and mist in south; moderate temperature.

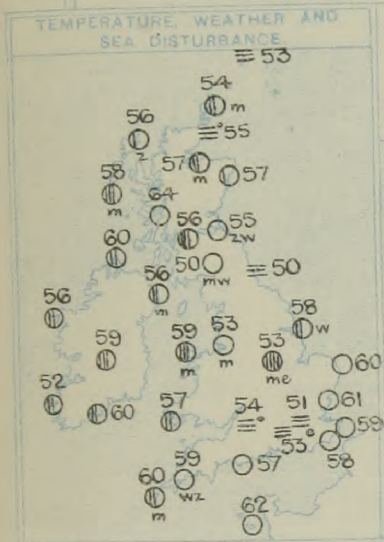


# SYNOPTIC CHART FOR 7 a.m., FRIDAY, 10<sup>TH</sup>

SEPTEMBER, 1915.

## GENERAL INFERENCE.

The indications favour the continuance of the existing type of weather.



## EXPLANATION.

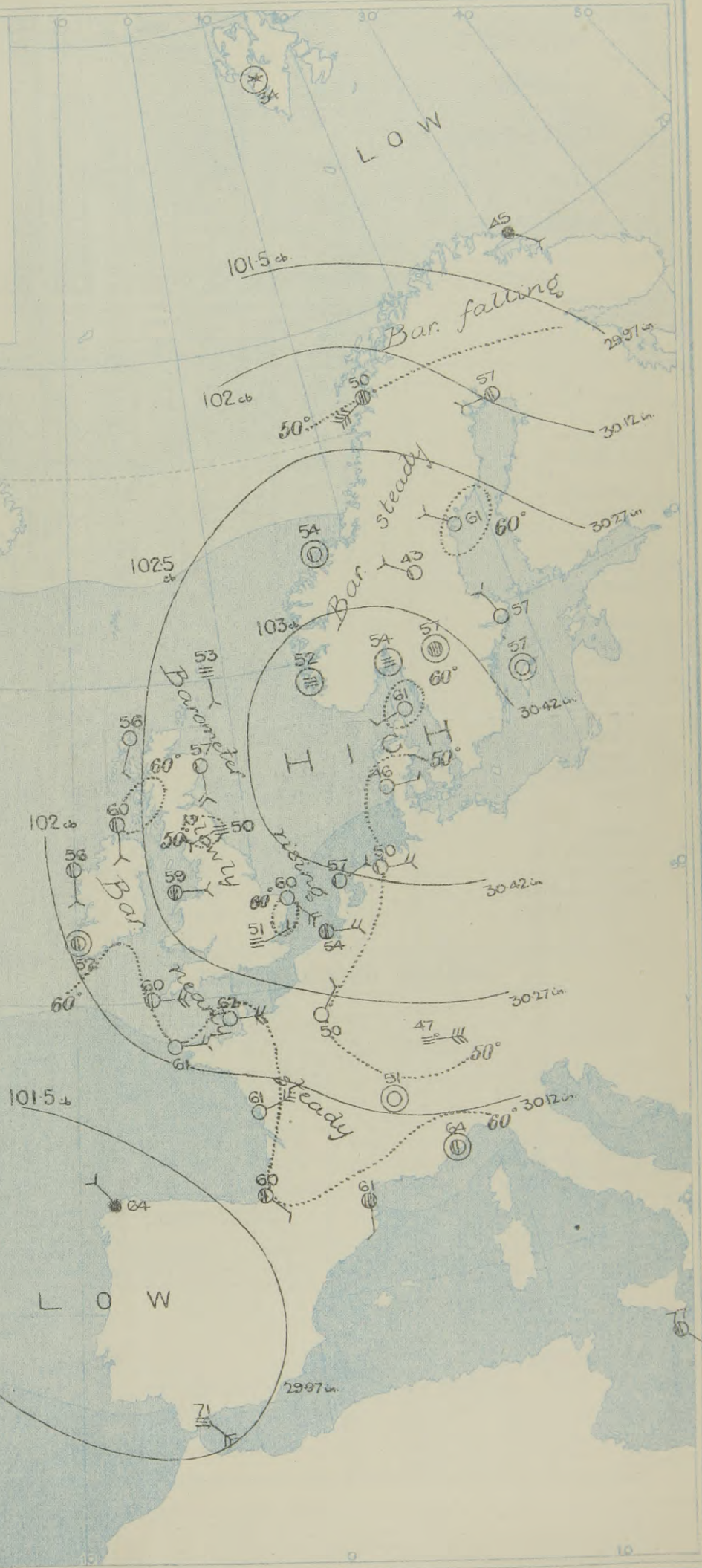
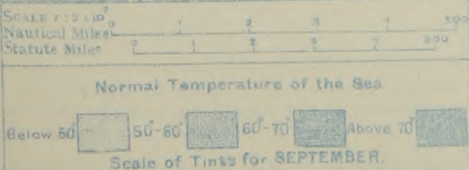
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**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.  
 T, thunderstorm.

**SEA DISTURBANCE.**—Rough. High.





## DAILY WEATHER REPORT.

FRIDAY, 10<sup>th</sup> SEPTEMBER 1915.REPORTS  
FOR  
YESTERDAY.9<sup>th</sup> SEPTEMBER

| STATIONS. | EVENING OBSERVATIONS.                 |       |       |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |              |                           |       |                |                               |          |             |      | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |  |
|-----------|---------------------------------------|-------|-------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|-------|----------------|-------------------------------|----------|-------------|------|-------------------------------------|-------|--|
|           | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND. |                | Weather. | BAROMETER.                     |                          | TEMP.        |                           | WIND. |                | Dir.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                                     | Min.  |  |
|           |                                       |       | Dir.  | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Dir.  | Force<br>0-12. |                               |          |             |      |                                     |       |  |
|           |                                       | ° F.  |       |                |          |                                |                          | ° F.         | ° F.                      |       |                |                               |          |             |      |                                     |       |  |
| Petrograd | 1020.8                                | 50    | NNE   | 3              | 0        | 1024.8                         | +2                       | 46           | -4                        | N     | 2              | -                             | 0        | *           | -    | 54                                  | 45    |  |
| Lisbon    | 1016.9                                | 73    | WSE   | 4              | 8        | 1017.1                         | +1                       | 68           | +4                        | N     | 1              | -                             | 6        | 2           | -    | 79                                  | 69    |  |
| Malta     | *                                     | *     | *     | *              | *        | 1020                           | +1                       | 75           | 0                         | ESE   | 2              | N                             | 12       | 2           | 1    | 79                                  | 72    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.        | Rainfall.                | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS.                  | Rainfall. | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |
|------------------|--------------------------|--------------|------|-----------|------------|-------------------------------|----------------------------|-----------|--------------|------|-----------|------------|-------------------------------|
|                  |                          | Max.         | Min. | Forenoon. | Afternoon. |                               |                            |           | Max.         | Min. | Forenoon. | Afternoon. |                               |
|                  | mm. & .                  | ° F.         | ° F. |           |            | Hr.                           |                            | mm. & .   | ° F.         | ° F. |           |            | Hr.                           |
| Scotland.        | { Oban ... ..            | 73           | 50   | 8         | 8          | 9.5                           | { Tunbridge Wells ... ..   | 72        | 56           | 8    | 8         | 9.0        |                               |
|                  | { Banff ... ..           | 71           | 53   | 8         | 8          | 9.4                           | { Margate ... ..           | 66        | 59           | 8    | 8         | 10.3       |                               |
|                  | { Carnoustie ... ..      | 66           | 52   | 0.0       | 8          | 6.6                           | { Ramsgate ... ..          | 65        | 58           | 8    | 8         | 8.9        |                               |
|                  | { St. Andrews ... ..     | 67           | 46   | *         | *          | 4.2                           | { Hastings ... ..          | 71        | 56           | 8    | 8         | 11.0       |                               |
| Eng.<br>N.E.     | { Harrogate ... ..       | 70           | 46   | 8         | 8          | 10.2                          | { Bexhill-on-Sea ... ..    | 68        | 56           | m.8  | 8         | 9.5        |                               |
|                  | { Skegness ... ..        | 66           | 58   | 8         | 8          | 10.7                          | { Eastbourne ... ..        | 72        | 56           | b    | b         | 9.8        |                               |
| Eng.<br>N.W.     | { Morecambe ... ..       | 74           | 55   | 8         | 8          | 10.0                          | { Seaford ... ..           | 72        | 59           | 8    | 8         | 10.3       |                               |
|                  | { Blackpool ... ..       | 73           | 45   | 8         | 8          | 10.0                          | { Brighton ... ..          | 71        | 56           | 8    | 8         | 9.9        |                               |
|                  | { Southport ... ..       | 72           | ?    | 8         | 8          | 9.7                           | { Worthing ... ..          | 68        | ?            | 8    | 8         | 10.5       |                               |
| Midlands.        | { Buxton ... ..          | 69           | 43   | 8         | 8          | 10.3                          | { Littlehampton ... ..     | 69        | 56           | 8    | 8         | 10.0       |                               |
|                  | { Leamington Spa ... ..  | 73           | 51   | 8         | 8          | 9.3                           | { Bognor ... ..            | 71        | 56           | 8    | 8         | 10.7       |                               |
|                  | { Malvern ... ..         | 77           | 44   | 8         | 8          | 9.8                           | { Southsea ... ..          | 69        | 55           | 8    | 8         | 11.0       |                               |
|                  | { Ross-on-Wye ... ..     | 73           | 47   | 8         | 8          | 10.6                          | { Bournemouth ... ..       | 70        | 57           | 8    | 8         | 10.2       |                               |
| Wales.           | { Rhyl ... ..            | 74           | 53   | 8         | 8          | 11.0                          | { Weymouth ... ..          | 69        | 56           | 8    | 8         | 11.0       |                               |
|                  | { Colwyn Bay ... ..      | 77           | 56   | 8         | 8          | 9.7                           | { Torquay ... ..           | 67        | 56           | 8    | 8         | 10.3       |                               |
|                  | { Llandudno ... ..       | 68           | 58   | 8         | 8          | 9.6                           | { Paignton ... ..          | 70        | 56           | 8    | 8         | 9.1        |                               |
|                  | { Aberystwyth ... ..     | 65           | 56   | 8         | 8          | 9.3                           | { Falmouth ... ..          | 70        | 54           | 8    | 8         | 9.5        |                               |
| England,<br>E.   | { Tenby ... ..           | 64           | 55   | 8         | 8          | 11.5                          | { Penzance ... ..          | 75        | 53           | 8    | 8         | 10.3       |                               |
|                  | { Cromer ... ..          | 65           | 60   | 8         | 8          | 11.3                          | { Newquay ... ..           | 75        | 51           | 8    | 8         | 10.3       |                               |
|                  | { Lowestoft ... ..       | 68           | 59   | 8         | 8          | 11.3                          | { Ilfracombe ... ..        | 75        | 51           | 8    | 8         | 10.3       |                               |
|                  | { Felixstowe ... ..      | 70           | 56   | 8         | 8          | 9.1                           | { Weston-super-Mare ... .. | 75        | 51           | 8    | 8         | 10.3       |                               |
| England,<br>S.W. | { Walton-on-Naze ... ..  | 70           | 56   | 8         | 8          | 9.1                           |                            |           |              |      |           |            |                               |
|                  | { Southend-on-Sea ... .. | 70           | 56   | 8         | 8          | 9.1                           |                            |           |              |      |           |            |                               |

+ To sunset.

## LONDON OBSERVATIONS.

| STATIONS.   | HUMIDITY.                 |                   | Sun-<br>shine<br>for<br>Yester-<br>day.<br>Hr. | TEMPERATURE.  |                   | Rain-<br>fall.<br>mm. & . | WEATHER.       |                 |        |
|---|---------------------------|-------------------|--|---------------|-------------------|---------------------------|----------------|-----------------|--------|
|   | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-day. |  | In Screen.    | Min. on<br>Grass. |                           | Fore-<br>noon. | After-<br>noon. | Night. |
|   | %                         | %                 |  | Max.          | Min.              |                           |                |                 |        |
| Greenwich (Royal Obs.) ...  | 60                        | 83                | 9.1  | 71            | 50                | 36                        | b              | b               | b      |
| City (Bunhill Row) ...  | *                         | *                 | 8.2  | *             | *                 | *                         | *              | *               | *      |
| Westminster (St. James's Pk.)   | 51                        | 77                | 8.4  | 72            | 53                | 48                        | b              | b               | b      |
| Camden Sq. (Brit. Rainfall)   | 53                        | 79                | 7.9  | 70            | 51                | 45                        | b              | b               | *      |
| Hampstead (Reservoir) ...   | *                         | 80                | 8.9  | 69            | 52                | 41                        | b              | b               | b      |
| Richmond Park ...   | *                         | *                 |  |               |                   |                           |                |                 |        |
| Kew. (See front page.)  |                           |                   |  |               |                   |                           |                |                 |        |
| (Greenwich and Camden Square air temperatures are in Glaisher screens.)       |                           |                   |  |               |                   |                           |                |                 |        |
| VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY. |                           |                   |  |               |                   |                           |                |                 |        |
| Total.  |                           |                   |  | Average Rate. |                   | Max. Rate.                |                |                 |        |
| S. Kensington (Roof of M.O.)  |                           |                   |  | 1192 Joules   |                   | 25.2 Milliwatts.          |                |                 |        |

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

| 10th & 11th Sept., 1915. | Sunrise. | Noon.  | Sunset. |
|--------------------------|----------|--------|---------|
|                          | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...             | 5.19     | 11.50  | 6.24    |
| Greenwich ...            | 5.28     | 11.57  | 6.26    |
| Wick ...                 | 5.30     | 11.57  | 6.24    |
| Valencia ...             | 5.32     | 12.0   | 6.46    |
|                          | 6.0      | 12.38  | 7.6     |

## Additional Observations for Yesterday.

| STATIONS.                  | Rain-<br>fall.<br>mm. & . | TEMPERATURE. |                               | WEATHER. |                | Sun-<br>shine<br>for<br>Yester-<br>day.<br>Hr. |
|----------------------------|---------------------------|--------------|-------------------------------|----------|----------------|--|
|                            |                           | In Screen.   | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon. |  |
|                            |                           | Max.         | Min.                          |          |                |  |
| Dublin to 4 p.m.           |                           |              |                               |          |                | *  |
| Darwen to 9 p.m.           |                           |              |                               |          |                | *  |
| Manchester "               |                           |              |                               |          |                | *  |
| Birmingham "               |                           |              |                               |          |                | *  |
| Oxford to 8 p.m.           |                           |              |                               |          |                | *  |
| Teignmouth to 9 "          |                           |              |                               |          |                | *  |
| Plymouth "                 |                           |              |                               |          |                | *  |
| S. Kensington              |                           |              |                               |          |                | *  |
| (Museum Grounds to 6 p.m.) |                           |              |                               |          |                | *  |

## NOTES ON YESTERDAY'S WEATHER.

Warm weather was experienced nearly everywhere, temperature rising to 76° or 77° in places. Many districts had from 10 to nearly 12 hours of bright sunshine.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



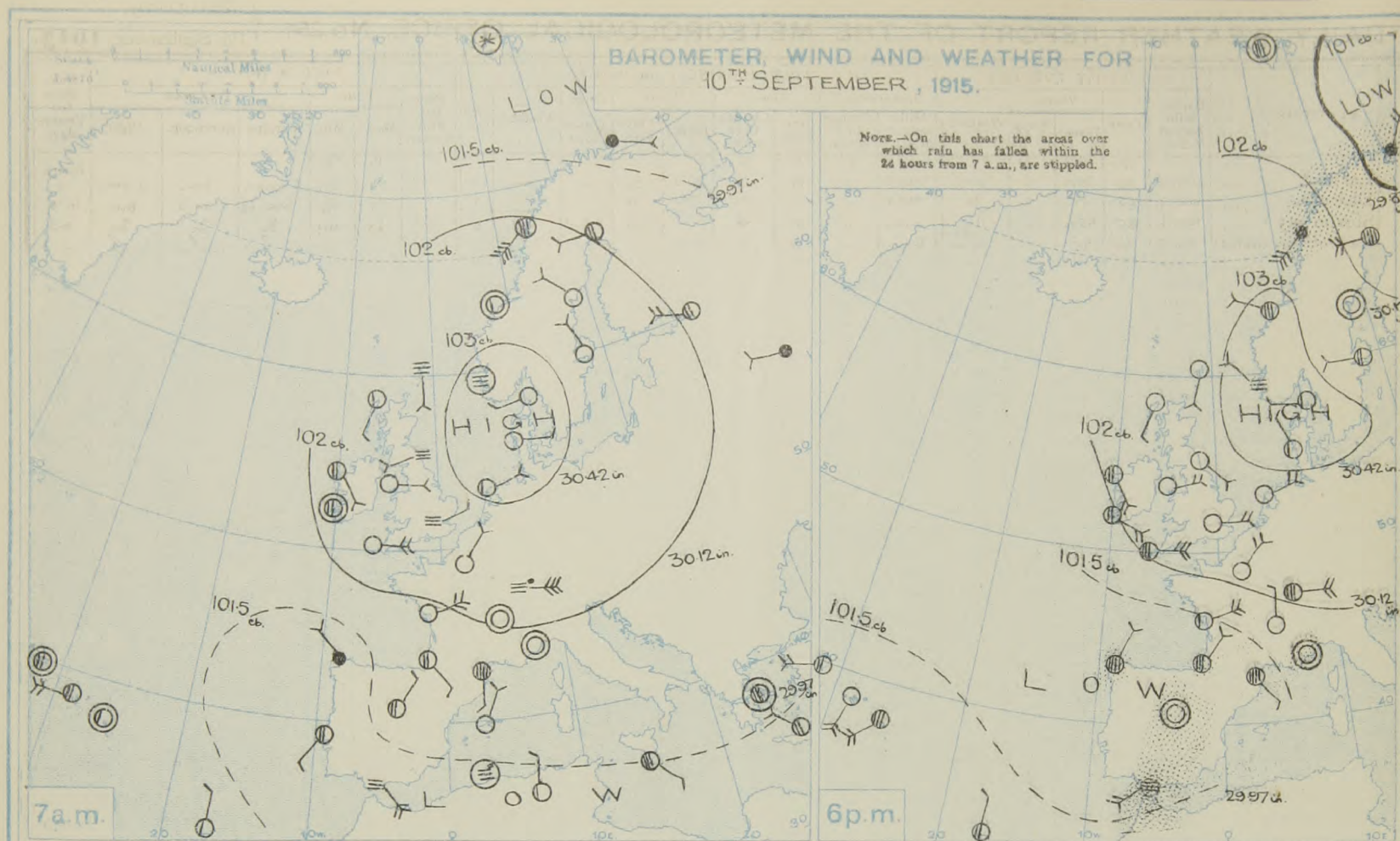
| STATIONS.              | YESTERDAY EVENING.                    |        |       |                |          |   | THIS MORNING 7 A.M., G.M.T. |                       |                           |       |                |                                 |          |             |                                     |       | PAST 24 HOURS. |           |             |           |           |        | Sun-<br>shine<br>for<br>Yester-<br>day. |
|------------------------|---------------------------------------|--------|-------|----------------|----------|---|-----------------------------|-----------------------|---------------------------|-------|----------------|---------------------------------|----------|-------------|-------------------------------------|-------|----------------|-----------|-------------|-----------|-----------|--------|---|
|                        | Barom.<br>Milli-<br>bars at<br>M.S.L. | TRMP.  | WIND. |                | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours.    | Temp.<br>Dry<br>Bulb. | Change<br>in 24<br>hours. | WIND. |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |                | WEATHER.  |             |           |           |        |   |
|                        |                                       |        | Dir.  | Force<br>0-12. |          |   |                             |                       |                           | Dir.  | Force<br>0-12. |                                 |          |             |                                     | Max.  | Min.           | Morning.  | Afternoon.  | Night.    |           |        |   |
| BRITISH ISLANDS.       | Lerwick ...                           | 1025.8 | 55    | SSW            | 2        | bcm                                       | 1027.3                      | 0                     | 51                        | -2    | SSW            | 2                               | -        | cm          | 2                                   | -     | 57             | 49        | f. bcm      | bcm       | b. om     | Hours. |   |
|                        | Deerness ...                          | 1027.7 | 55    | SE             | 3        | b   | 1027.4                      | 0                     | 53                        | -1    | SE             | 4                               | -        | bw          | 3                                   | -     | 59             | 52        | f. bcm      | bcm       | b. om     | 10.0   |   |
|                        | Stornoway ...                         | 1025.6 | 65    | SSW            | 1        | bz  | 1026.0                      | 0                     | 51                        | -5    | -              | 0                               | -        | bz          | 0                                   | -     | 63             | 49        | bcm         | bc, b     | bw        | 3.5    |   |
|                        | Castlebay (Barra Isd.)                | 1024.6 | 60    | SE             | 4        | bcm                                       | 1024.9                      | 0                     | 58                        | 0     | ESE            | 4                               | SE       | bcm         | 4                                   | -     | 63             | 55        | cm, bcf     | bcf, m    | bcm       | 9.7    |   |
|                        | Glasgow ...                           | 1026.7 | 64    | SE             | 1        | b   | 1028.0                      | 0                     | 49                        | -7    | E              | 3                               | NE       | c           | *                                   | -     | 72             | 49        | c, b, bz, c | bc, bz    | b. o. c   | 9.0    |   |
|                        | Eskdalemuir ...                       | 1027.5 | 61    | ESE            | 1        | b   | 1028.3                      | -2                    | 48                        | -2    | NNE            | 4                               | SE       | bzw         | *                                   | -     | 69             | 42        | bmw, bw     | b         | b. bz, c  | 11.0   |   |
|                        | Malin Head ...                        | 1023.9 | 65    | SE             | 3        | bz  | 1023.1                      | -1                    | 54                        | -6    | S              | 6                               | -        | bm          | 4                                   | -     | 71             | 52        | bcz         | bcz       | bm        | 6.0    |   |
|                        | Blacksod Point ...                    | 1026.3 | 66    | S              | 3        | bz  | 1026.0                      | +2                    | 54                        | -2    | ESE            | 4                               | SE       | bcm         | 3                                   | -     | 70             | 52        | bcz         | bcz       | bc, bcm   | *      |   |
|                        | Valencia ...                          | 1019.5 | 67    | ESE            | 3        | bc  | 1019.8                      | +1                    | 58                        | +6    | E              | 3                               | SW       | c           | 3                                   | -     | 72             | 52        | bcz         | bcz       | bc, bz    | 6.5    |   |
|                        | Roche's Point ...                     | 1022.6 | 61    | SE             | 3        | bc  | 1022.6                      | 0                     | 60                        | 0     | ESE            | 4                               | E        | c           | 4                                   | 0.1   | 65             | 59        | bcm         | bcm       | bc, bw, c | *      |   |
|                        | Birr Castle ...                       | 1022.9 | 63    | SE             | 1        | bc  | 1022.0                      | 0                     | 52                        | -7    | SE             | 1                               | -        | bc          | 0                                   | -     | 73             | 50        | c           | bc        | bc        | 6.7    |   |
|                        | Donaghadee ...                        | 1025.3 | 59    | SE             | 3        | bz  | 1024.7                      | 0                     | 54                        | -2    | SE             | 5                               | SE       | cm          | 4                                   | -     | 63             | 54        | bz          | bz        | bm, cm    | *      |   |
|                        | Liverpool (Bidston)                   | 1025.4 | 63    | ESE            | 3        | b   | 1025.6                      | 0                     | 52                        | -1    | E              | 2                               | SE       | bcm         | 2                                   | -     | 68             | 50        | bm          | b         | bm        | 10.0   |   |
|                        | Holyhead ...                          | 1024.4 | 65    | ENE            | 2        | bz  | 1024.3                      | 0                     | 54                        | -5    | E              | 3                               | -        | bz          | 3                                   | -     | 73             | 52        | c, bc, b    | bc, b     | bm, bw    | 8.4    |   |
|                        | Pembroke (St. Ann's)                  | 1023.2 | 63    | SE             | 3        | bc  | 1022.6                      | -1                    | 53                        | -4    | SE             | 3                               | SE       | bm          | 3                                   | -     | 61             | 52        | bc          | bc        | bc        | 8.1    |   |
|                        | Scilly (St. Mary's)                   | 1020.4 | 61    | E              | 5        | cm  | 1019.8                      | 0                     | 58                        | -2    | ESE            | 4                               | -        | bm          | 5                                   | -     | 67             | 56        | bcm         | bcm       | bcm, bm   | 8.1    |   |
|                        | Falmouth ...                          | 1021.6 | 60    | E              | 4        | bz  | 1020.3                      | 0                     | 58                        | -1    | E              | 3                               | NE       | c, zw       | 4                                   | -     | 67             | 56        | bc, bz      | bz        | bz, w     | 9.9    |   |
|                        | Jersey (St. Aubin)                    | 1020.8 | 63    | E              | 5        | b   | 1020.0                      | 0                     | 58                        | -4    | E              | 5                               | -        | b           | 3                                   | -     | 70             | 54        | b           | b         | bw        | 11.6   |   |
|                        | Portland Bill ...                     | 1022.4 | 62    | E              | 5        | b   | 1021.9                      | 0                     | 55                        | -2    | ENE            | 4                               | -        | b           | 4                                   | -     | 64             | 54        | b           | b         | b         | *      |   |
|                        | Dungeness ...                         | 1023.9 | 61    | NE             | 5        | b   | 1023.3                      | 0                     | 55                        | -3    | E              | 3                               | NE       | b           | 3                                   | -     | 65             | 53        | b           | b         | b         | *      |   |
|                        | Dover ...                             | 1025.2 | 58    | N              | 5        | b   | 1024.3                      | 0                     | 56                        | -3    | E              | 4                               | -        | b           | 5                                   | -     | 63             | 53        | b           | b         | b         | 11.6   |   |
|                        | Wick ...                              | 1027.1 | 57    | SSE            | 2        | bc  | 1026.6                      | 0                     | 54                        | -7    | SSE            | 3                               | -        | b           | 4                                   | -     | 61             | 52        | bcm         | bcm       | bm        | 8.6    |   |
|                        | Nairn ...                             | 1028.9 | 66    | -              | 0        | bcm                                       | 1027.0                      | 0                     | 54                        | -13   | -              | 0                               | -        | bm          | 0                                   | -     | 77             | 40        | bcz         | b, bcz    | bmz       | *      |   |
|                        | Aberdeen ...                          | 1029.4 | 57    | SSE            | 2        | c   | 1029.1                      | 0                     | 54                        | -3    | S              | 1                               | -        | b           | 2                                   | -     | 63             | 50        | bm, z       | b, bc, c  | c, bc, b  | 9.6    |   |
|                        | Leith ...                             | 1026.8 | 62    | SE             | 1        | b   | 1028.1                      | +1                    | 57                        | -4    | ESE            | 2                               | -        | bw          | 0                                   | -     | 73             | 45        | bz, b       | b         | b         | *      |   |
| Tynemouth ...          | 1028.8                                | 57     | SE    | 2              | b        | 1028.3                                    | -2                          | 52                    | +2                        | -     | 0              | -                               | bcm      | 2           | -                                   | 62    | 50             | bm        | b           | bcm       | *         |        |   |
| Spurn Head ...         | 1029.3                                | 59     | SE    | 4              | bc       | 1027.7                                    | 0                           | 59                    | +1                        | E     | 4              | -                               | bw       | 4           | 0.1                                 | 64    | 57             | bc        | bc          | b         | 11.1      |        |   |
| Yarmouth ...           | 1026.4                                | 61     | ESE   | 3              | b        | 1026.3                                    | 0                           | 60                    | 0                         | ESE   | 3              | -                               | b        | 3           | -                                   | 64    | 58             | b         | b           | b         | 11.6      |        |   |
| Clacton-on-Sea ...     | 1026.0                                | 62     | ENE   | 4              | bc       | 1025.1                                    | 0                           | 60                    | -1                        | E     | 4              | E                               | bc       | 3           | -                                   | 65    | 59             | b         | b, bc       | bc, b, bc | 11.4      |        |   |
| Nottingham ...         | 1026.8                                | 59     | E     | 3              | b        | 1026.3                                    | 0                           | 53                    | 0                         | E     | 2              | -                               | ome      | 0           | -                                   | 70    | 50             | a, c, b   | b           | b         | 9.4       |        |   |
| Bath ...               | 1023.8                                | 65     | -     | 0              | b        | 1028.9                                    | 0                           | 51                    | -3                        | E     | 2              | -                               | m        | 0           | -                                   | 71    | 50             | m, bz     | b, b        | bm        | 8.4       |        |   |
| Sth Farnborough ...    | 1024.3                                | 60     | E     | 3              | b        | 1023.6                                    | -1                          | 50                    | -3                        | ENE   | 1              | -                               | fw       | 0           | -                                   | 70    | 49             | m, b      | b           | bf        | 8.7       |        |   |
| London (Kew Obsy.)     | 1025.0                                | 61     | E     | 3              | b        | 1024.2                                    | 0                           | 53                    | +2                        | NE    | 2              | -                               | bmw      | 0           | Trace                               | 67    | 50             | bc, bm, b | b           | b, bmw    | 9.8       |        |   |
| NORTHERN EUROPE.       | Spitsbergen ...                       | 1015.1 | 32    | -              | 0        | c   | 1016.2                      | 0                     | 34                        | 0     | S              | 1                               | -        | o           | 0                                   | 0     | 34             | 30        |             |           |           |        |   |
|                        | Vardö ...                             | 1006.7 | 43    | NE             | 4        | r   | 1007.0                      | -1                    | 43                        | -2    | NNW            | 5                               | -        | c           | 4                                   | 0     | 48             | 41        |             |           |           |        |   |
|                        | Bodö ...                              | 1023.1 | 50    | SW             | 6        | r   | 1025.0                      | +2                    | 48                        | -2    | NW             | 2                               | -        | c           | 2                                   | 0     | 52             | 46        |             |           |           |        |   |
|                        | Christiansund ...                     | 1030.4 | 59    | WNW            | 2        | c   | 1030.0                      | 0                     | 55                        | +1    | NW             | 3                               | -        | o           | 2                                   | -     | 59             | 54        |             |           |           |        |   |
|                        | Skudesnaes ...                        | 1031.3 | 52    | NW             | 2        | f   | 1029.3                      | -2                    | 55                        | +3    | N              | 4                               | -        | b           | 2                                   | -     | 59             | 52        |             |           |           |        |   |
|                        | Færder (X'iania Fjord)                | 1031.6 | 55    | NNW            | 2        | m   | 1028.4                      | 0                     | 57                        | +3    | -              | 0                               | -        | o           | 1                                   | -     | 59             | 54        |             |           |           |        |   |
|                        | The Scaw (Skagen)                     | 1030.5 | 55    | W              | 1        | b   | 1028.7                      | 0                     | 59                        | -2    | WSW            | 2                               | -        | b           | 2                                   | -     | 68             | 52        |             |           |           |        |   |
|                        | Blaavands Huk ...                     | 1033.7 | 59    | NNW            | 1        | b   | 1030.0                      | 0                     | 52                        | +6    | E              | 1                               | -        | b           | 1                                   | -     | 63             | 45        |             |           |           |        |   |
|                        | Haparanda ...                         | 1015.8 | 59    | W              | 4        | o   | 1015.7                      | +1                    | 54                        | -3    | NNW            | 4                               | -        | o           | 0                                   | -     | 70             | 52        |             |           |           |        |   |
|                        | Hernösand ...                         | 1024.7 | 66    | -              | 0        | b   | 1022.7                      | -1                    | 59                        | -2    | NW             | 6                               | -        | c           | 0                                   | -     | 72             | 57        |             |           |           |        |   |
| FRANCE, &c.            | Stockholm ...                         | 1025.7 | 64    | W              | 2        | bc  | 1023.9                      | 0                     | 59                        | +2    | NW             | 2                               | -        | b           | 0                                   | -     | 68             | 54        |             |           |           |        |   |
|                        | Wisby ...                             | 1029.9 | 54    | -              | 0        | b   | 1025.5                      | -1                    | 57                        | 0     | WSW            | 2                               | N        | b           | 1                                   | -     | 59             | 52        |             |           |           |        |   |
|                        | Karlstad ...                          | 1028.6 | 63    | -              | 0        | b   | 1027.8                      | 0                     | 54                        | -3    | W              | 2                               | -        | b           | 0                                   | -     | 72             | 45        |             |           |           |        |   |
|                        | Petrograd (8 a.m. G.M.T.)             |        |       |                |          |   |                             |                       |                           |       |                |                                 |          |             |                                     |       |                |           |             |           |           |        |   |
|                        | The Helder ...                        | 1027.8 | 63    | ENE            | 3        | b   | 1027.5                      | 0                     | 61                        | +4    | ENE            | 2                               | -        | b           | 1                                   | -     | 64             | 57        |             |           |           |        |   |
|                        | C. Gris Nez ...                       | 1024.0 | 61    | NE             | 5        | b   | 1023.9                      | 0                     | 50                        | -5    | ESE            | 3                               | -        | b           | 2                                   | -     | 66             | 46        |             |           |           |        |   |
|                        | La Hève ...                           | 1021.7 | 61    | ENE            | 3        | b   | 1020.8                      | 0                     | 54                        | 0     | ENE            | 3                               | -        | m           | 2                                   | -     | 68             | 46        |             |           |           |        |   |
|                        | Ushant ...                            | 1019.4 | 61    | E              | 5        | b   | 1018.6                      | 0                     | 55                        | -4    | E              | 4                               | -        | b           | 2                                   | -     | 66             | 50        |             |           |           |        |   |
|                        | Brest (St. Mathieu)                   | 1016.8 | 64    | E              | 4        | b   | 1016.9                      | 0                     | 61                        | 0     | E              | 3                               | -        | b           | 2                                   | -     | 79             | 59        |             |           |           |        |   |
|                        | Roche fort (Ile d'Aix)                | 1014.7 | 71    | ENE            | 4        | b   | 1014.0                      | +1                    | 58                        | -3    | ENE            | 4                               | -        | b           | 0                                   | -     | 84             | 54        |             |           |           |        |   |
| SOUTHERN EUROPE.       | Biarritz ...                          | 1016.7 | 71    | NE             | 2        | c   | 1012.0                      | 0                     | 66                        | +6    | SW             | 2                               | -        | o           | 2                                   | -     | 81             | 66        |             |           |           |        |   |
|                        | Paris ...                             | 1021.0 | 59    | NE             | 2        | b   | 1020.8                      | +1                    | 48                        | -2    | NE             | 2                               | -        | b           | 0                                   | -     | 68             | 43        |             |           |           |        |   |
|                        | Belfort ...                           | 1021.6 | 57    | E              | 4        | c   | 1022.1                      | 0                     | 48                        | +1    | E              | 6                               | -        | m           | 0                                   | -     | 62             | 41        |             |           |           |        |   |
|                        | Lyons ...                             | 1017.2 | 64    | -              | 0        | b   | 1019.1                      | 0                     | 50                        | -1    | NE             | 1                               | -        | o           | 0                                   | -     | 73             | 48        |             |           |           |        |   |
|                        | Nice ...                              | 1017.1 | 62    | -              | 0        | bc  | 1017.2                      | 0                     | 62                        | -2    | -              | 0                               | -        | b           | 0                                   | 3     | 73             | 55        |             |           |           |        |   |
|                        | Perpignan ...                         | 1014.6 | 68    | SE             | 1        | o   | 1015.5                      | +3                    | 63                        | +2    | E              | 2                               | -        | o           | 0                                   | -     | 77             | 63        |             |           |           |        |   |
|                        | Sanguinaire ...                       |        |       |                |          |   |                             |                       |                           |       |                |                                 |          |             |                                     |       |                |           |             |           |           |        |   |
|                        | Corunna (7 a.m.)                      | 1014.6 | 66    | NNE            | 2        | o   | 1014.7                      | 0                     | 61                        | -3    | SW             | 1                               | -        | f           | 2                                   | 1     | 70             | 59        |             |           |           |        |   |
|                        | Madrid (8 a.m.)                       | 1011.7 | 73    | -              | 0        | b   | 1013.9                      | 0                     | 63                        | -3    | -              | 0                               | SW       | bc          | 0                                   | 27    | 73             | 59        |             |           |           |        |   |
|                        | Lisbon (9 a.m.)                       |        |       |                |          |   |                             |                       |                           |       |                |                                 |          |             |                                     |       |                |           |             |           |           |        |   |
| Gibraltar ...          | 1014.8                                | 68     | SW    | 3              | f        | 1014.5                                    | 0                           | 65                    | -6                        | W     | 4              | -                               | b        | 1           | 2                                   | 74    | 64             |           |             |           |           |        |   |
| Rome ...               |                                       |        |       |                |          |   |                             |                       |                           |       |                |                                 |          |             |                                     |       |                |           |             |           |           |        |   |
| Malta (8 a.m.)         |                                       |        |       |                |          | 1012.0                                    | -1                          | 72                    | -5                        | -     | 0              | NW                              | o        | 0           | 33                                  | 81    | 68             |           |             |           |           |        |   |
| Azores (Horta, 8 a.m.) | 1017.7                                | 0      | SSW   | 4              | b        |   |                             |                       |                           |       |                |                                 |          |             |                                     |       |                |           |             |           |           |        |   |

## RAINFALL.

Equivalents of Millimetres.  
in: Inches.

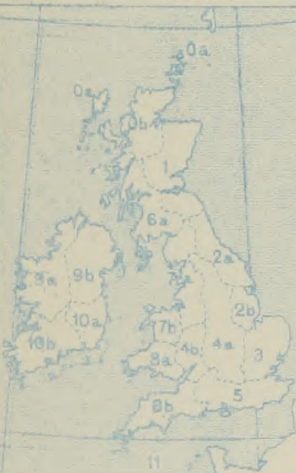
| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.61    |
| 17  | 0.67    | 42  | 1.65    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |
| 21  | 0.83    | 46  | 1.81    |
| 22  | 0.87    | 47  | 1.85    |
| 23  | 0.91    | 48  | 1.89    |
| 24  | 0.95    | 49  | 1.93    |
| 25  | 0.98    | 50  | 1.97    |





**FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Coast.               | South Coast.                  |
| North Coast.               | North Coast.                  |

**No Warnings Issued.**

Western Channel and Bay 11

- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | Light to moderate breezes between South and East; fine generally; temperature moderate to mild.    |
| 1  | b |   |  |
| 2  | a | } | Light to moderate Easterly breezes, fresh at times; fine generally; temperature moderate to mild.  |
| 3  | b |   |  |
| 4  | a | } | Same as Nos. 0 to 2.   |
| 5  | b |   |  |
| 6  | a | } | South-Easterly breezes, fresh at times; fine generally; temperature moderate to mild.              |
| 7  | b |   |  |
| 8  | a | } | Easterly breezes, fresh at times; sea slight to moderate; fine generally, local mist or fog; cool. |
| 9  | b |   |  |
| 10 | a | } |  |
| 11 | b |   |  |

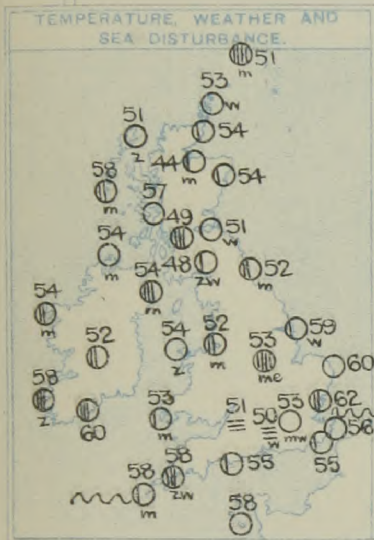
**FURTHER OUTLOOK.**



# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 11<sup>TH</sup> SEPTEMBER, 1915.

## GENERAL INFERENCE.

Other than a temporary local freshening of the breeze, no important change is indicated.



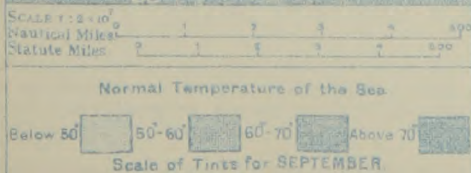
## EXPLANATION.

**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.  
 ⚡, thunderstorm.  
**SEA DISTURBANCE.**—Rough High

Inches  
31

30

29





## DAILY WEATHER REPORT.

Saturday, 11<sup>th</sup> September 1915.REPORTS  
FOR  
YESTERDAY.10<sup>th</sup> SEPTEMBER

## STATIONS.

## EVENING OBSERVATIONS.

## OBSERVATIONS AT 7 A.M., G.M.T.

| STATIONS. | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.  |                |          | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | TEMP.               |                                  | WIND.  |                |          | Dirac.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |      |
|-----------|---------------------------------------|--------------|--------|----------------|----------|---|--------------------------|---------------------|----------------------------------|--------|----------------|----------|---------------------------------|----------|-------------|-------------------------------------|-------|------|
|           |                                       |              | Dirac. | Force<br>0-12. | Weather. |   |                          | Dry<br>Bulb.<br>°F. | Change<br>in 24<br>hours.<br>°F. | Dirac. | Force<br>0-12. | Weather. |                                 |          |             |                                     | Max.  | Min. |
| Petrograd | 1022.9                                | 54           | W      | 3              | 0        | 1019.9                                    | 0                        | 55                  | +9                               | W      | 3              | -        | bc                              | -        | -           | -                                   | 54    | 46   |
| Lisbon    | 1014.6                                | 73           | W      | 4              | bc       | 1013.9                                    | +2                       | 68                  | 0                                | SW     | 1              | -        | bc                              | 5        | -           | -                                   | 79    | 68   |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm. § | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm. § | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|---------------------|--------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|--------------------|--------------|------|-----------|------------|--------------------------------------|
|                     |                    | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                    | Max.         | Min. | Forenoon. | Afternoon. |                                      |
| Scotland.           |                    | °F.          | °F.  |           |            |                                      | (Tunbridge Wells ...  |                    | °F.          | °F.  |           |            |                                      |
| Oban ...            | -                  | 74           | 53   | bc        | bc         | 7.5                                  | Margate ...           | -                  | 67           | 48   | bc        | bc         | 11.3                                 |
| Banff ...           | -                  | 69           | 54   | bc        | bc         | 8.7                                  | Ramsgate ...          | -                  | 65           | 57   | bc        | bc         | 11.2                                 |
| Carnoustie ...      | -                  | 63           | 50   | bc        | bc         | 9.4                                  | Hastings ...          | -                  | 63           | 56   | bc        | bc         | 10.0                                 |
| St. Andrews ...     | -                  | 68           | 47   | *         | *          | 8.5                                  | Bexhill-on-Sea ...    | -                  | 65           | 54   | bc        | bc         | 12.0                                 |
| England, N.E.       |                    |              |      |           |            |                                      | Eastbourne ...        | -                  | 65           | 50   | bc        | bc         | 11.2                                 |
| Harrogate ...       | 0.2                | 66           | 47   | mc bc     | bc         | 6.6                                  | Seaford ...           | -                  | 67           | 51   | bc        | bc         | 10.9                                 |
| Skegness ...        | 0.2                | 66           | 57   | bc        | bc         | 11.3                                 | Brighton ...          | -                  | 70           | 55   | bc        | bc         | 11.6                                 |
| England, N.W.       |                    |              |      |           |            |                                      | Worthing ...          | -                  | 69           | 52   | bc        | bc         | 12.1                                 |
| Morecambe ...       | -                  | 70           | 51   | bc        | bc         | 11.3                                 | Littlehampton ...     | -                  | 68           | 52   | bc        | bc         | 11.7                                 |
| Blackpool ...       | -                  | 69           | 48   | bc        | bc         | 11.0                                 | Bognor ...            | -                  | 67           | 52   | bc        | bc         | 11.6                                 |
| Southport ...       | -                  | 69           | 48   | bc        | bc         | 11.0                                 | Southsea ...          | -                  | 70           | 54   | bc        | bc         | 11.0                                 |
| Midlands.           |                    |              |      |           |            |                                      | Bournemouth ...       | -                  | 69           | 47   | bc        | bc         | 11.0                                 |
| Buxton ...          | -                  | 66           | 46   | bc        | bc         | 7.3                                  | Weymouth ...          | -                  | 70           | 53   | bc        | bc         | 11.4                                 |
| Leamington Spa ...  | -                  | 69           | 50   | bc        | bc         | 10.0                                 | Torquay ...           | -                  | 67           | 57   | bc        | bc         | 11.1                                 |
| Malvern ...         | -                  | 69           | 49   | bc        | bc         | 8.5                                  | Paignton ...          | -                  | 65           | 58   | bc        | bc         | 10.4                                 |
| Ross-on-Wye ...     | -                  | 69           | 42   | mc bc     | bc         | 8.5                                  | Falmouth ...          | -                  | 67           | 58   | bc bc     | bc         | 9.8                                  |
| Wales.              |                    |              |      |           |            |                                      | Penzance ...          | -                  | 68           | 59   | bc        | bc         | 9.0                                  |
| Rhyl ...            | -                  | 69           | 49   | bc        | bc         | 11.5                                 | Newquay ...           | -                  | 69           | 58   | bc        | bc         | 8.5                                  |
| Colwyn Bay ...      | -                  | 68           | 59   | bc        | bc         | 11.5                                 | Ilfracombe ...        | -                  | 66           | 58   | bc        | bc         | 10.3                                 |
| Llandudno ...       | -                  | 71           | 56   | bc        | bc         | 11.3                                 | Weston-super-Mare ... | -                  | 70           | 49   | bc        | bc         | 8.5                                  |
| Aberystwyth ...     | -                  | 69           | 58   | bc        | bc         | 7.9                                  |                       |                    |              |      |           |            |                                      |
| Tenby ...           | -                  | 69           | 58   | bc        | bc         | 7.9                                  |                       |                    |              |      |           |            |                                      |
| England, E.         |                    |              |      |           |            |                                      |                       |                    |              |      |           |            |                                      |
| Cromer ...          | 0.3                | 65           | 55   | bc        | bc         | 11.5                                 |                       |                    |              |      |           |            |                                      |
| Lowestoft ...       | -                  | 64           | 58   | bc        | bc         | 11.3                                 |                       |                    |              |      |           |            |                                      |
| Felixstowe ...      | -                  | 65           | 60   | bc        | bc         | 11.1                                 |                       |                    |              |      |           |            |                                      |
| Walton-on-Naze ...  | -                  | 64           | 59   | bc        | bc         | 11.0                                 |                       |                    |              |      |           |            |                                      |
| Southend-on-Sea ... | -                  | 68           | 50   | bc        | bc         | 10.0                                 |                       |                    |              |      |           |            |                                      |

† to sunset

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |                   |                  | Rain-<br>fall. | WEATHER.       |                 |        | STATIONS.                                   | RAIN-<br>FALL. | TEMPERATURE. |                            |     | Sun-<br>shine<br>for<br>Yester-<br>day. |
|--|---------------------------|-----------------------|---|--|-------------------|------------------|----------------|----------------|-----------------|--------|---|----------------|--------------|----------------------------|-----|---|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   | Min. on<br>Grass. | °F.              |                | Fore-<br>noon. | After-<br>noon. | Night. |   |                | In Screen.   | Night<br>Min. on<br>Grass. | °F. |   |
| Greenwich (Royal Obs.) ...   | 53                        | 71                    | 10.7                                    | 68   | 48                | 36               | -              | bc             | bc              | bc bc  | Dublin to 4 p.m.                            | -              | 68           | 57                         | 53  | bc                                      |
| City (Bunhill Row) ...   | *                         | *                     | 9.9                                     | *  | *                 | *                | *              | *              | *               | *      | Darwen to 9 p.m.                            | -              | *            | *                          | *   | cm                                      |
| Westminster (St. James's Pk.)  | 56                        | 68                    | 9.9                                     | 68   | 52                | 47               | -              | bc             | bc              | bc     | Manchester "                                | -              | *            | *                          | *   | m bc                                    |
| Camden Sq. (Brit. Rainfall)  | 50                        | 64                    | 9.1                                     | 72   | 50                | 45               | -              | bc             | bc              | *      | Birmingham "                                | -              | *            | *                          | *   | *                                       |
| Hampstead (Reservoir) ...  | *                         | 70                    | 10.8                                    | 66   | 49                | 40               | -              | bc             | bc              | bc     | Oxford to 8 p.m.                            | -              | *            | *                          | *   | *                                       |
| Richmond Park ...  | *                         | *                     | 9.5                                     | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                   |                  |                |                |                 |        | Teignmouth to 9 "                           | -              | 66           | 58                         | 55  | bc                                      |
| Kew. (See front page.)   |                           |                       |   |  |                   |                  |                |                |                 |        | Plymouth "                                  | -              | 69           | 53                         | 40  | bc bc                                   |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   |  |                   |                  |                |                |                 |        | S. Kensington<br>(Museum Grounds to 6 p.m.) | -              | 69           | 53                         | 40  | bc bc                                   |
| S. Kensington (Roof of M.O.)   | 53                        | 67                    | 10.0                                    | Total.   |                   | Average Rate.    |                | Max. Rate.     |                 |        |   |                |              |                            |     |   |
|  |                           |                       |   | 152.4 Joules   |                   | 32.7 Milliwatts. |                | 59 Milliwatts. |                 |        |   |                |              |                            |     |   |

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

| 11th & 12th Sept., 1915. | Sunrise. | Noon.  | Sunset. |
|--------------------------|----------|--------|---------|
| G.M.T.                   | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...             | 5.22     | 11.50  | 6.18    |
| Greenwich ...            | 5.23     | 11.49  | 6.16    |
| Wick ...                 | 5.30     | 11.57  | 6.24    |
| Valencia ...             | 5.31     | 11.58  | 6.22    |
|                          | 5.35     | 12.0   | 6.43    |
|                          | 5.37     | 12.0   | 6.40    |
|                          | 6.40     | 12.38  | 7.6     |
|                          | 6.41     | 12.37  | 7.4     |

## NOTES ON YESTERDAY'S WEATHER.

Fine, dry weather was general, with temperatures of 70° and upwards in several localities, 77° at Nairn. Very good sunshine records were the rule, up to 12 hours at Hastings and Worthing.

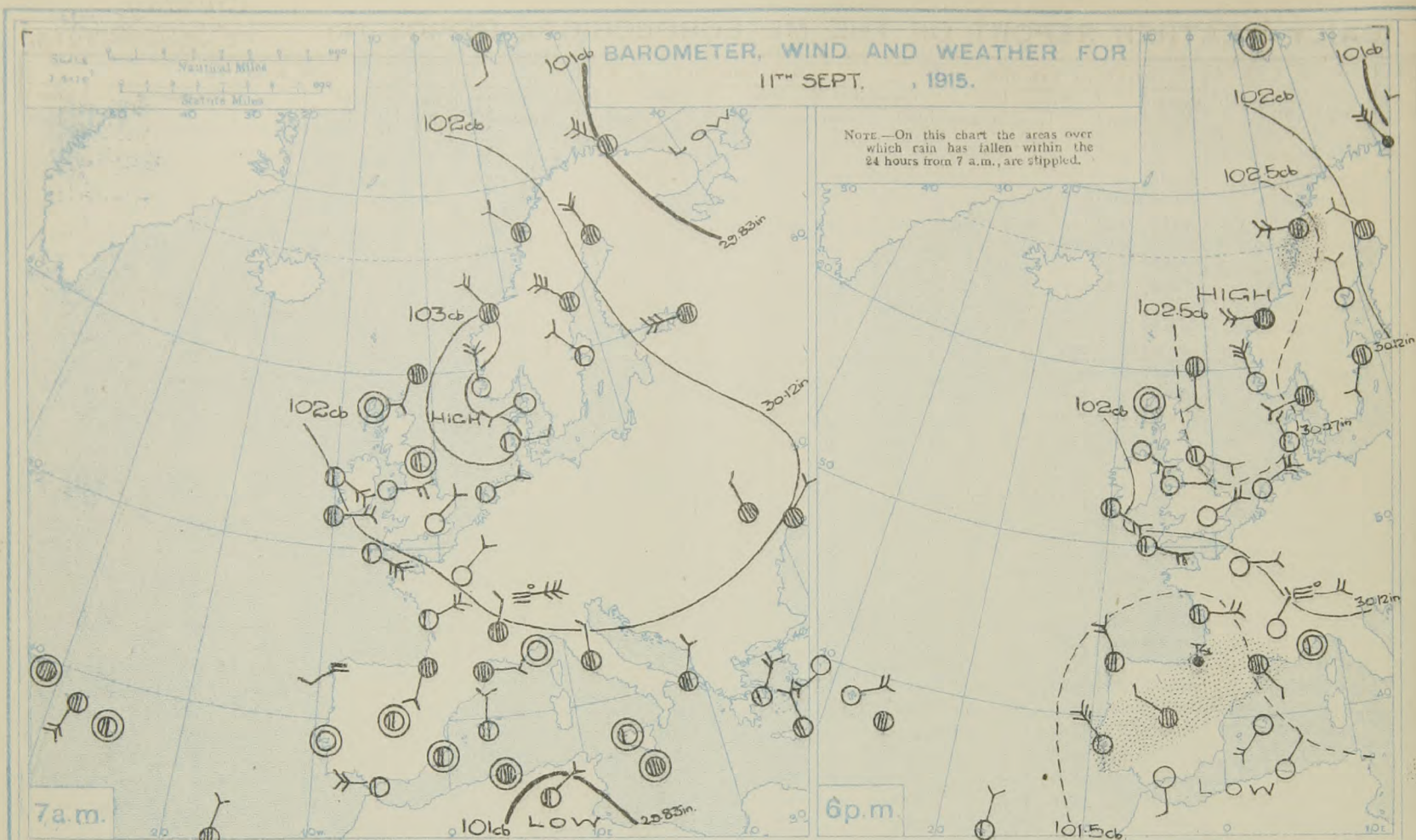
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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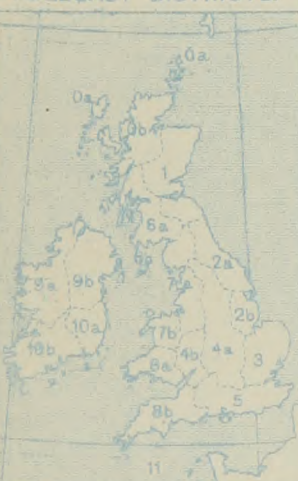
\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

|                            |                               |
|----------------------------|-------------------------------|
| Signals hoisted yesterday, | Signals hoisted this morning. |
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

No Warnings Issued.

Western Channel and Bay 11

FURTHER OUTLOOK.

R. G. K. LEMPFERT, Superintendent, Forecast Division.

W. NAPIER SHAW, Director

Wind between East and South, mostly light to moderate; fine generally, but becoming rather more cloudy, local mist; moderate temperature.

Wind light or moderate, varying in direction; fair to cloudy, some mist; sea slight or smooth.



GENERAL INFERENCE.

The pressure changes now in progress are uniform, and afford no indication of a decided break in the weather in the ensuing 24 hours.



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 1/4 clouded. ○ sky 1/2 clouded.

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

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

⚡, thunderstorm.

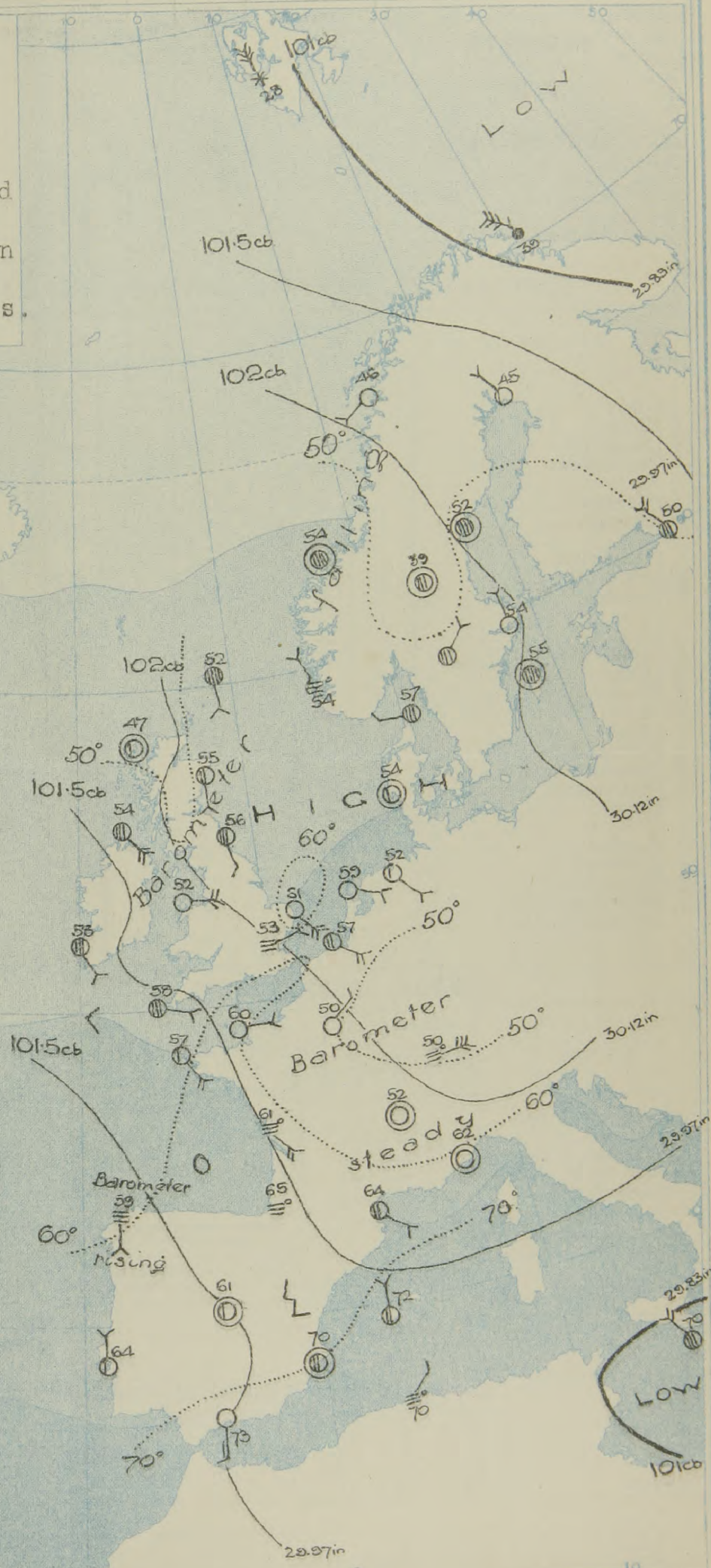
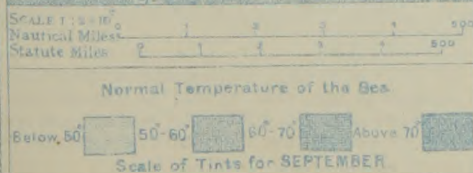
**SEA DISTURBANCE.**—Rough ~~~. High ~~~~.

Inches.

31

30

29





# DAILY WEATHER REPORT.

Sunday, 12th September, 1915.

| REPORTS<br><br>FOR<br><br>YESTERDAY. | STATIONS. | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |                      |                                   |        |                |                                 |          |             |                                     |       |      |
|--------------------------------------|-----------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|-------|------|
|                                      |           | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.                |                                   | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |      |
|                                      |           |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb.<br>° F. | Change<br>in 24<br>hours.<br>° F. | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.  | Min. |
|                                      |           |                                       |       |        |                |          |                                |                          |                      |                                   |        |                |                                 |          |             |                                     |       |      |
|                                      | Petrograd | 1019.4                                | 57    | W      | 2              | b        | 1015.3                         | -3                       | 57                   | +2                                | W      | 5              | -                               | o        | +           | -                                   | 64    | 54   |
|                                      | Lisbon    | 1013.2                                | 73    | WNW    | 3              | b        | 1014.7                         | 0                        | 66                   | -2                                | -      | 0              | -                               | b        | 5           | -                                   | 79    | 56   |
|                                      | Rome      | 1016.6                                | 66    | NE     | 2              | b        | 1014.7                         | 0                        | 61                   |                                   | N      | 1              | -                               | c        | +           | -                                   | 79    | 61   |
| 11th September 1915.                 |           |                                       |       |        |                |          |                                |                          |                      |                                   |        |                |                                 |          |             |                                     |       |      |

11th September 1915.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.      | Rainfall.                | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS.              | Rainfall.                  | TEMPERATURE.            |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |      |      |
|----------------|--------------------------|--------------|------|-----------|------------|-------------------------------|------------------------|----------------------------|-------------------------|------|-----------|------------|-------------------------------|------|------|
|                |                          | Max.         | Min. | Forenoon. | Afternoon. |                               |                        |                            | Max.                    | Min. | Forenoon. | Afternoon. |                               |      |      |
|                | mm. & .                  | ° F.         | ° F. |           |            | Hr.                           |                        | mm. & .                    | ° F.                    | ° F. |           |            | Hr.                           |      |      |
| Scotland.      | { Oban ... ..            | -            | 71   | 48        | b          | b                             | 9.5                    | { Tunbridge Wells ... ..   | -                       | 65   | 51        | bz         | b                             | 11.1 |      |
|                | { Banff ... ..           | -            | 63   | 48        | b          | b bc                          | 11.5                   |                            | { Margate ... ..        | -    | 63        | 56         | b                             | b    | 11.2 |
|                | { Carnoustie ... ..      | -            | 63   | 54        | b          | b                             | 6.8                    |                            | { Ramsgate ... ..       | -    | 62        | 56         | b                             | b    | 9.1  |
|                | { St. Andrews ... ..     | -            |      |           | *          | *                             |                        |                            | { Hastings ... ..       | -    | 64        | 51         | b                             | b    | 11.5 |
| Eng.<br>N.E.   | { Harrogate ... ..       | -            | 66   | 51        | c.b        | b                             | 8.7                    | England, S.E.              | { Bexhill-on-Sea ... .. | -    |           |            |                               |      |      |
|                | { Skegness ... ..        | -            | 64   | 58        | b          | b                             | 11.0                   |                            | { Eastbourne ... ..     | -    | 63        | 48         | b                             | b    | 11.1 |
| Eng.<br>N.W.   | { Morecambe ... ..       | -            |      |           |            |                               | { Seaford ... ..       |                            | -                       | 65   | 48        | b          | b                             | 10.7 |      |
|                | { Blackpool ... ..       | -            | 68   | 46        | bz         | b                             | 10.3                   |                            | { Brighton ... ..       | -    | 64        | 52         | b                             | b    | 11.0 |
|                | { Southport ... ..       | -            | 69   | 45        | b bc       | b bc                          | 10.2                   |                            | { Worthing ... ..       | -    | 64        | 51         | b                             | b    | 11.8 |
|                |                          |              |      |           |            |                               | { Littlehampton ... .. |                            | -                       | 68   |           | b          | b                             | 11.3 |      |
| Midlands.      | { Buxton ... ..          | -            | 64   | 50        | bc         | b                             | 8.7                    |                            | { Bognor ... ..         | -    | 64        | 51         | b                             | b    | 11.0 |
|                | { Leamington Spa ... ..  | -            | 68   | 49        | b          | b                             | 9.6                    |                            | { Southsea ... ..       | -    |           |            |                               |      |      |
|                | { Malvern ... ..         | -            |      |           |            |                               | { Bournemouth ... ..   |                            | -                       | 66   | 47        | b          | b                             | 11.3 |      |
|                | { Ross-on-Wye ... ..     | -            | 68   | 47        | bc m       | bz                            | 8.4                    |                            |                         |      |           |            |                               |      |      |
| Wales.         | { Rhyl ... ..            | -            | 69   | 50        | bc b       | b bc                          | 8.9                    | England, S.W.              | { Weymouth ... ..       | -    | 66        | 51         | z b                           | bz   | 10.0 |
|                | { Colwyn Bay ... ..      | -            |      |           |            |                               | { Torquay ... ..       |                            | -                       | 64   | 57        | b          | b                             | 11.3 |      |
|                | { Llandudno ... ..       | -            |      |           |            |                               | { Paignton ... ..      |                            | -                       | 63   | 57        | b          | b                             | 10.0 |      |
|                | { Aberystwyth ... ..     | -            | 70   | 52        | c.b        | bc c                          | 11.0                   |                            | { Falmouth ... ..       | -    |           |            |                               |      |      |
| { Tenby ... .. | -                        | 66           | 54   | b         | bc         | 10.0                          | { Penzance ... ..      |                            | -                       | 67   | 57        | b bc       | b                             | 10.6 |      |
| England,<br>E. | { Cromer ... ..          | -            | 64   | 57        | b          | b                             | 11.8                   |                            | { Newquay ... ..        | -    | 66        | 51         | b                             | b    | 11.5 |
|                | { Lowestoft ... ..       | -            |      |           |            |                               | { Ilfracombe ... ..    | -                          | 66                      | 51   | z b       | bz         | 11.2                          |      |      |
|                | { Felixstowe ... ..      | -            | 65   | 59        | b          | b                             | 11.3                   | { Weston-super-Mare ... .. | -                       |      |           |            |                               |      |      |
|                | { Walton-on-Naze ... ..  | -            | 62   | 58        | b          | b                             | 11.4                   |                            |                         |      |           |            |                               |      |      |
|                | { Southend-on-Sea ... .. | -            | 65   | 53        | b          | b                             | 10.3                   |                            |                         |      |           |            |                               |      |      |

## LONDON OBSERVATIONS.

| STATIONS.   | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |            |                                   | Rain-<br>fall. | WEATHER.                     |                 |        |
|---|---------------------------|-----------------------|---|--|------------|-----------------------------------|----------------|------------------------------|-----------------|--------|
|   | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |            | Min. on<br>Grass.                 |                | Fore-<br>noon.               | After-<br>noon. | Night. |
|   |                           |                       |   | Max.   | Min.       |                                   |                |                              |                 |        |
|   |                           |                       |   |  |            |                                   |                |                              |                 |        |
|   |                           |                       |   |  |            |                                   |                |                              |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.   |                           |                       |   |  |            |                                   |                |                              |                 |        |
| Greenwich (Royal Obs.) ...  | %<br>53                   | %<br>71               | Hr.<br>10.7                             | ° F.<br>68   | ° F.<br>48 | ° F.<br>36                        | mm.<br>-       | b                            | b               | b. bc  |
| City (Bunhill Row) ...  | *<br>x                    | *<br>x                | 10.5                                    | *<br>x   | *<br>x     | *<br>x                            | *<br>x         | *<br>x                       | *<br>x          | *<br>x |
| Westminster (St. James's Pk.)   | 61                        | 83                    | 10.4                                    | 66   | 53         | 49                                | -              | bc                           | b               | bc     |
| Camden Sq. (Brit. Rainfall)   | 51                        | 84                    | 9.6                                     | 69   | 49         | 44                                | -              | bc b                         | b               | *      |
| Hampstead (Reservoir) ...   | *<br>x                    | 96                    | 10.9                                    | 63   | 50         | 43                                | -              | b                            | bc c            | bc     |
| Richmond Park   | ...                       | *<br>x                | 9.8                                     | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |            |                                   |                |                              |                 |        |
| Kew. (See front page.)  |                           |                       |   |  |            |                                   |                |                              |                 |        |
| (Greenwich and Camden Square air temperatures are in Glaisher screens.) |                           |                       |   |  |            |                                   |                |                              |                 |        |
| S. Kensington (Roof of M.O.)  | 58                        | 77                    | 10.3                                    | Total.<br>1476 Joules  |            | Average Rate.<br>31.8 Milliwatts. |                | Max. Rate.<br>55 Milliwatts. |                 |        |

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

| ... 12th 13th Sept., 1915. | Sunrise. | Noon.  | Sunset. |
|----------------------------|----------|--------|---------|
| G.M.T.                     | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...               | 5.23     | 11.49  | 6.16    |
| Greenwich ...              | 5.31     | 11.56  | 6.22    |
| Wick ...                   | 5.37     | 12.8   | 6.37    |
| Valencia ...               | 6.11     | 12.37  | 7.14    |

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## Additional Observations for Yesterday.

| STATIONS.                                  | RAIN-<br>FALL. | TEMPERATURE. |      |                               | WEATHER. |                |                 | Sun-<br>shine<br>for<br>Yester-<br>day. |
|--|----------------|--------------|------|-------------------------------|----------|----------------|-----------------|---|
|  |                | In Screen.   |      | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon. | After-<br>noon. |   |
|  |                | Max.         | Min. |                               |          |                |                 |   |
|  | mm.‡           | ° F.         | ° F. | ° F.                          |          |                |                 | Hr.                                     |
| Dublin to 9 p.m.                           | —              | 64           | 51   | 46                            | b        | bc             | bm              | *                                       |
| Darwen to 9 p.m.                           | —              | 66           | 48   | 42                            | bew      | bc             | bc              | 8.9                                     |
| Manchester „                               | —              | 71           | 52   | *                             | b bc     | bc b           | b               | 8.9                                     |
| Birmingham „                               | —              |              |      |                               | *        |                |                 |   |
| Oxford to 8 p.m.                           | *              | 68           | 48   | 40                            | b        | b              | b               | *                                       |
| Teignmouth to 9 „                          | —              | 64           | 55   | 53                            | b        | b              | b               | 10.3                                    |
| Plymouth „                                 | —              | 66           | 55   | —                             | b        | bcq            | bcq             | 10.2                                    |
| S. Kensington<br>(Museum Grounds to 6p.m.) | —              | 66           | 51   | 39                            | b        | bc c b         | b bz            | *                                       |

## NOTES ON YESTERDAY'S WEATHER.

Very fine weather was experienced, numerous sunshine records exceeding 10 hours, Deerness registering 12 hours. There was a cool feeling on the wind, but temperature rose to 70° at Aberystwyth, and 71° at Oban.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



| Temp.            |                    | YESTERDAY EVENING.     |        |                             |                           |                |                           |                             |                           |                |                           | THIS MORNING 7 A.M., G.M.T. |                |            |                                 |          |             |                                     |          |       |           | PAST 24 HOURS. |        |  |  |  | Sun-<br>shine<br>for<br>Yester-<br>day. |
|------------------|--------------------|------------------------|--------|-----------------------------|---------------------------|----------------|---------------------------|-----------------------------|---------------------------|----------------|---------------------------|-----------------------------|----------------|------------|---------------------------------|----------|-------------|-------------------------------------|----------|-------|-----------|----------------|--------|--|--|--|---|
|                  |                    | STATIONS.              |        | BAROM.                      |                           | WIND.          |                           | Weather.                    | BAROMETER.                |                | TEMP.                     |                             | WIND.          |            | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.    |       | WEATHER.  |                |        |  |  |  |   |
|                  |                    |                        |        | Milli-<br>bars at<br>M.S.L. | Change<br>in 24<br>hours. | Dry<br>Bulb.   | Change<br>in 24<br>hours. |                             | Direc.                    | Force<br>0-12. | Max.                      | Min.                        | Morning.       | Afternoon. |                                 |          |             |                                     | Night.   |       |           |                |        |  |  |  |   |
| Max.             | Min.               |                        |        | Temp.                       | Direc.                    | Force<br>0-12. |                           | Milli-<br>bars at<br>M.S.L. | Change<br>in 24<br>hours. | Dry<br>Bulb.   | Change<br>in 24<br>hours. | Direc.                      | Force<br>0-12. |            |                                 |          |             | F.                                  | F.       |       |           |                | Hours. |  |  |  |   |
| 64               | 54                 | Lerwick                | 1017.6 | 54                          | S                         | 2              | bc m                      | 1009.4                      | -3                        | 54             | +2                        | SSW                         | 4              | -          | om                              | 3        | -           | 54                                  | 51       | om    | of bc     | om             | 11.4   |  |  |  |   |
| 79               | 64                 | Deerness               | 1014.2 | 54                          | SE                        | 5              | b                         | 1007.1                      | -                         | 53             | 0                         | S                           | 3              | -          | m                               | 2        | -           | 57                                  | 53       | b     | of bc     | om             | 11.2   |  |  |  |   |
| 79               | 64                 | Stornoway              | 1012.6 | 58                          | -                         | 0              | bz                        | 1007.6                      | -2                        | 53             | +6                        | -                           | 0              | -          | bz                              | 0        | -           | 63                                  | 46       | bz    | bz        | bc. bc         | 9.8    |  |  |  |   |
|                  |                    | Castlebay (Barraisd.)  | 1011.6 | 57                          | E                         | 3              | om                        | 1006.3                      | -1                        | 52             | -4                        | SW                          | 3              | -          | bc                              | 3        | 12          | 59                                  | 51       | bc m  | om        | 9.8            |        |  |  |  |   |
|                  |                    | Glasgow                | 1013.7 | 63                          | S                         | 2              | bc                        | 1011.0                      | -1                        | 53             | +4                        | SSW                         | 2              | -          | c                               | -        | -           | 68                                  | 49       | bz    | b         | bc. bc. oz     | 9.4    |  |  |  |   |
|                  |                    | Esksdalemuir           | 1014.4 | 56                          | SW                        | 1              | bc                        | 1012.1                      | +1                        | 51             | 0                         | SSW                         | 2              | -          | o                               | -        | -           | 66                                  | 43       | o. bc | b         | bc. om         | 10.9   |  |  |  |   |
|                  |                    | Malin Head             | 1011.5 | 60                          | S                         | 2              | bz                        | 1008.5                      | -2                        | 55             | +1                        | SW                          | 5              | -          | bc p                            | 4        | 0.2         | 65                                  | 52       | bz    | bz        | bc p           | 6.0    |  |  |  |   |
|                  |                    | Blackod Point          | 1011.1 | 56                          | SSW                       | 3              | bc                        | 1011.6                      | 0                         | 55             | +1                        | WSW                         | 6              | -          | bc p                            | 4        | 3           | 60                                  | 51       | om    | cp        | om. bc p       | 6.0    |  |  |  |   |
|                  |                    | Valencia               | 1015.0 | 60                          | WSW                       | 2              | b                         | 1016.0                      | 0                         | 52             | -6                        | NE                          | 1              | -          | c                               | 4        | 2           | 62                                  | 48       | c. of | ac. bc b  | bc. bc. c      | 4.7    |  |  |  |   |
| BRITISH ISLANDS. |                    | Roche's Point          | 1015.1 | 62                          | SW                        | 3              | b                         | 1017.2                      | -                         | 52             | -7                        | W                           | 1              | -          | c                               | 2        | -           | 65                                  | 51       | o     | of bc. b  | bc. bc. c      | -      |  |  |  |   |
|                  |                    | Birr Castle            | 1013.5 | 58                          | SW                        | 1              | c                         | 1014.5                      | -                         | 51             | -3                        | S                           | 1              | -          | o                               | -        | -           | 65                                  | 49       | c     | c         | cp. o          | 3.8    |  |  |  |   |
|                  |                    | Donaghadee             | 1012.8 | 57                          | S                         | 3              | bc m                      | 1011.8                      | 0                         | 51             | -4                        | SW                          | 3              | -          | bc m                            | 2        | -           | 61                                  | 50       | bc m  | bc m      | bc. bc m       | -      |  |  |  |   |
|                  |                    | Liverpool (Bidston)    | 1014.6 | 65                          | SSE                       | 2              | b                         | 1014.4                      | 0                         | 56             | +3                        | WSW                         | 1              | -          | bc                              | 2        | -           | 69                                  | 53       | bc m  | b         | bc m           | 7.1    |  |  |  |   |
|                  |                    | Holyhead               | 1014.1 | 61                          | WSW                       | 3              | bc m                      | 1014.5                      | 0                         | 56             | +4                        | W                           | 3              | -          | og                              | 2        | -           | 69                                  | 52       | bz    | b. bc m   | bc. bc. c      | 9.8    |  |  |  |   |
|                  |                    | Pembroke (St. Ann's)   | 1014.9 | 59                          | -                         | 0              | bc                        | 1016.1                      | +1                        | 55             | -1                        | NNW                         | 2              | -          | c                               | 2        | -           | 63                                  | 54       | bc    | bc        | bc m           | 9.8    |  |  |  |   |
|                  |                    | Scilly (St. Mary's)    | 1014.3 | 62                          | -                         | 0              | omp                       | 1015.1                      | 0                         | 57             | -1                        | N                           | 2              | -          | c                               | 2        | 0.2         | 67                                  | 55       | bc m  | om        | omp. om        | 8.4    |  |  |  |   |
|                  |                    | Falmouth               | 1014.7 | 61                          | SSE                       | 2              | bz                        | 1015.3                      | 0                         | 57             | -1                        | -                           | 0              | -          | bc m                            | 3        | -           | 65                                  | 55       | b     | b         | bc. w          | 10.8   |  |  |  |   |
|                  |                    | Jersey (St. Aubin)     | 1014.8 | 72                          | E                         | 2              | b                         | 1015.8                      | -                         | 61             | +1                        | W                           | 2              | -          | bc m                            | 1        | -           | 75                                  | 57       | b     | b         | bc m           | 11.2   |  |  |  |   |
|                  |                    | Portland Bill          | 1015.9 | 62                          | E                         | 3              | bc                        | 1014.4                      | +1                        | 58             | -2                        | NNW                         | 1              | -          | bc                              | 2        | -           | 65                                  | 56       | b     | b. bc     | bc             | -      |  |  |  |   |
|                  |                    | Dungeness              | 1016.8 | 64                          | SE                        | 1              | b                         | 1015.3                      | 0                         | 51             | -9                        | NW                          | 1              | -          | SW                              | 1        | -           | 67                                  | 45       | b     | bz        | bc             | -      |  |  |  |   |
|                  |                    | Dover                  | 1019.3 | 60                          | -                         | 0              | b                         | 1015.6                      | 0                         | 56             | -3                        | -                           | 0              | -          | m                               | 2        | -           | 68                                  | 51       | b     | b         | bc. w          | 11.4   |  |  |  |   |
|                  |                    | Wick                   | 1014.0 | 55                          | SE                        | 4              | m                         | 1008.1                      | -1                        | 53             | -1                        | SSW                         | 2              | -          | m                               | 2        | -           | 58                                  | 51       | bc m  | bc m      | bc. om         | -      |  |  |  |   |
|                  |                    | Nairn                  | 1013.1 | 57                          | -                         | 0              | bc                        | 1008.3                      | -                         | 51             | +6                        | -                           | 0              | -          | om                              | 1        | -           | 64                                  | 41       | bc. b | bc        | bc m           | 11.3   |  |  |  |   |
|                  |                    | Aberdeen               | 1015.5 | 57                          | SSE                       | 3              | c                         | 1009.2                      | -2                        | 53             | -2                        | SSW                         | 2              | -          | o                               | 2        | -           | 63                                  | 52       | bc. c | c. bc. c  | bc. om         | 5.9    |  |  |  |   |
|                  | Leith              | 1014.1                 | 60     | NE                          | 2                         | b              | 1010.7                    | -1                          | 55                        | +2             | W                         | 1                           | -              | og         | -                               | -        | 65          | 50                                  | bc. b    | b     | bc c      | -              |        |  |  |  |   |
|                  | Tynemouth          | 1015.6                 | 58     | ESE                         | 2                         | b              | 1011.9                    | -2                          | 55                        | -1             | SW                        | 1                           | -              | bc m       | 0                               | -        | 62          | 52                                  | b        | b     | bc m      | -              |        |  |  |  |   |
|                  | Spurn Head         | 1016.9                 | 61     | S                           | 4                         | bc             | 1014.3                    | 0                           | 56                        | -3             | WSW                       | 3                           | -              | bc m       | 4                               | -        | 65          | 54                                  | bc       | bc    | bc        | 9.0            |        |  |  |  |   |
|                  | Yarmouth           | 1017.6                 | 61     | S                           | 3                         | b              | 1015.6                    | 0                           | 54                        | -7             | W                         | 2                           | -              | bc m       | 2                               | -        | 64          | 52                                  | b        | bc m  | bc. bc    | 11.1           |        |  |  |  |   |
|                  | Clacton-on-Sea     | 1017.5                 | 62     | ESE                         | 2                         | b              | 1015.4                    | 0                           | 56                        | -6             | NNW                       | 1                           | -              | NE         | 0                               | -        | 65          | 54                                  | bz       | bz    | bc. bc. m | 11.4           |        |  |  |  |   |
|                  | Nottingham         | 1015.5                 | 64     | SSE                         | 1                         | b              | 1014.4                    | -                           | 52                        | -2             | SW                        | 1                           | -              | SW         | 0                               | -        | 73          | 50                                  | c. b     | b     | b         | 8.5            |        |  |  |  |   |
|                  | Bath               | 1016.2                 | 66     | S                           | 1                         | b              | 1015.1                    | -                           | 53                        | +2             | SSE                       | -                           | -              | S          | 0                               | -        | 74          | 48                                  | m. b     | b     | bc. om    | 8.3            |        |  |  |  |   |
|                  | St. Farnborough    | 1016.1                 | 66     | -                           | 0                         | b              | 1014.6                    | 0                           | 47                        | -              | -                         | 0                           | -              | S          | 0                               | -        | 73          | 45                                  | b        | b     | bc. bc. m | 9.0            |        |  |  |  |   |
|                  | London (Kew Obsy.) | 1016.2                 | 67     | SSE                         | 1                         | b              | 1015.0                    | 0                           | 48                        | -5             | -                         | 0                           | -              | W          | 0                               | -        | 73          | 45                                  | f. bc. b | b     | bc. om    | 9.5            |        |  |  |  |   |
| NORTHERN EUROPE. |                    | Spitsbergen            | 1011.4 | 30                          | ENE                       | 5              | b                         | 1010.6                      | +1                        | 30             | +2                        | W                           | 2              | -          | bc                              | -        | -           | 32                                  | 27       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Vardö                  | 1006.1 | 36                          | -                         | 0              | b                         | 1006.1                      | 0                         | 37             | -2                        | -                           | 0              | -          | b                               | 2        | -           | 39                                  | 36       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Bodö                   | 1008.3 | 45                          | N                         | 2              | c                         | 1008.2                      | 0                         | 41             | -5                        | NW                          | 4              | -          | c                               | 2        | -           | 46                                  | 37       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Christiansund          | 1016.3 | 52                          | N                         | 3              | o                         | 1011.7                      | -2                        | 52             | -2                        | NW                          | 4              | -          | o                               | 2        | -           | 54                                  | 50       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Skudesnaes             | 1013.0 | 54                          | -                         | 0              | m                         | 1012.7                      | -2                        | 54             | 0                         | SE                          | 2              | -          | m                               | 2        | -           | 55                                  | 54       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Færder (X'ania Fjord)  | 1016.2 | 57                          | SW                        | 2              | o                         | 1011.3                      | -1                        | 57             | 0                         | WSW                         | 1              | -          | o                               | 2        | -           | 59                                  | 55       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | The Scaw (Skagen)      | 1018.6 | 57                          | WSW                       | 2              | o                         | 1018.7                      | 0                         | 55             | -2                        | SW                          | 3              | -          | bc                              | 3        | -           | 63                                  | 50       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Blaavands Huk          | 1020.7 | 59                          | -                         | 0              | b                         | 1016.2                      | -1                        | 59             | +5                        | SW                          | 2              | -          | b                               | 1        | -           | 63                                  | 48       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Haparanda              | 1009.6 | 45                          | SW                        | 2              | o                         | 1002.7                      | +1                        | 43             | -2                        | N                           | 4              | -          | o                               | -        | -           | 52                                  | 41       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Hernösand              | 1012.2 | 57                          | -                         | 0              | bc                        | 1007.5                      | 0                         | 55             | +3                        | N                           | 2              | -          | b                               | -        | -           | 64                                  | 46       | -     | -         | -              | -      |  |  |  |   |
|                  | Stockholm          | 1015.9                 | 55     | SW                          | 2                         | bc             | 1012.0                    | 0                           | 54                        | 0              | WSW                       | 2                           | -              | o          | -                               | -        | 66          | 50                                  | -        | -     | -         | -              |        |  |  |  |   |
|                  | Wisby              | 1016.9                 | 54     | -                           | 0                         | b              | 1014.0                    | 0                           | 55                        | 0              | WSW                       | 2                           | -              | f          | -                               | -        | 57          | 50                                  | -        | -     | -         | -              |        |  |  |  |   |
|                  | Karlstad           | 1015.8                 | 57     | -                           | 0                         | bc             | 1012.4                    | -4                          | 55                        | 0              | WSW                       | 2                           | -              | o          | -                               | -        | 63          | 52                                  | -        | -     | -         | -              |        |  |  |  |   |
|                  | Petrograd (G.M.T.) | -                      | -      | -                           | -                         | -              | -                         | -                           | -                         | -              | -                         | -                           | -              | -          | -                               | -        | -           | -                                   | -        | -     | -         | -              |        |  |  |  |   |
| FRANCE, &c.      |                    | The Helder             | 1018.1 | 64                          | ESE                       | 2              | b                         | 1015.9                      | 0                         | 54             | -5                        | S                           | 2              | -          | b                               | 1        | -           | 68                                  | 48       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | C. Gris Nez            | 1016.7 | 62                          | NE                        | 1              | b                         | 1015.3                      | 0                         | 68             | +7                        | S                           | 3              | -          | bc                              | 1        | -           | 72                                  | 57       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | La Hève                | 1016.4 | 67                          | ENE                       | 2              | m                         | 1015.0                      | -                         | 69             | +6                        | SE                          | 2              | -          | m                               | 1        | -           | 73                                  | 48       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Ushant                 | 1015.0 | 61                          | NE                        | 1              | c                         | 1015.8                      | -                         | 59             | +2                        | SW                          | 2              | -          | f                               | 3        | -           | 72                                  | 54       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Brest (St. Mathieu)    | 1015.4 | 61                          | N                         | 3              | c                         | 1017.5                      | +1                        | 59             | +2                        | SW                          | 1              | -          | m                               | 2        | -           | 79                                  | 57       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Roche fort (Ile d'Aix) | -      | -                           | -                         | -              | -                         | -                           | -                         | -              | -                         | -                           | -              | -          | -                               | -        | -           | -                                   | -        | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Biarritz               | 1015.1 | 66                          | NNW                       | 2              | c                         | 1016.3                      | +1                        | 65             | 0                         | WSW                         | 1              | -          | o                               | 2        | -           | 72                                  | 63       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Paris                  | 1016.3 | 63                          | E                         | 2              | b                         | 1017.1                      | +2                        | 52             | +2                        | -                           | 0              | -          | b                               | -        | -           | 73                                  | 45       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Belfort                | 1018.7 | 60                          | E                         | 2              | m                         | 1020.8                      | -                         | 54             | +4                        | E                           | 2              | -          | m                               | -        | -           | 66                                  | 48       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Lyons                  | 1016.0 | 66                          | SE                        | 1              | b                         | 1018.9                      | -                         | 55             | +3                        | SSE                         | 1              | -          | b                               | -        | -           | 75                                  | 51       | -     | -         | -              | -      |  |  |  |   |
|                  | Nice               | 1016.8                 | 64     | -                           | 0                         | b              | 1017.9                    | +2                          | 60                        | -2             | -                         | 0                           | -              | b          | 2                               | -        | 73          | 54                                  | -        | -     | -         | -              |        |  |  |  |   |
|                  | Perpignan          | 1015.7                 | 64     | -                           | 0                         | c              | 1018.7                    | +2                          | 61                        | -3             | -                         | 0                           | -              | b          | -                               | -        | 75          | 52                                  | -        | -     | -         | -              |        |  |  |  |   |
|                  | Sanguinaire        | -                      | 33     | N                           | 2                         | b              | -                         | -                           | 70                        | -              | SE                        | 2                           | -              | b          | 2                               | -        | 84          | 63                                  | -        | -     | -         | -              |        |  |  |  |   |
| SOUTHERN EUROPE. |                    | Corunna (7 a.m.)       | 1017.1 | 64                          | NNE                       | 3              | b                         | 1017.9                      | +2                        | 55             | -4                        | SSE                         | 3              | -          | b                               | 2        | -           | 68                                  | 54       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Madrid (8 a.m.)        | 1011.3 | 68                          | -                         | 0              | o                         | 1016.8                      | +3                        | 63             | +2                        | -                           | 0              | -          | c                               | -        | -           | 75                                  | 57       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Lisbon (9 a.m.)        | 1015.3 | 72                          | NNW                       | 4              | b                         | 1015.5                      | +2                        | 64             | 0                         | SW                          | 3              | -          | b                               | 5        | -           | 75                                  | 64       | -     | -         | -              | -      |  |  |  |   |
|                  |                    | Gibraltar              | 1013.2 | 68                          | N                         | 5              | b                         | 1014.9                      | -                         | 69             | -                         | E                           | 4              |            |                                 |          |             |                                     |          |       |           |                |        |  |  |  |   |

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.61    |
| 17  | 0.67    | 42  | 1.65    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |
| 21  | 0.83    | 46  | 1.81    |
| 22  | 0.87    | 47  | 1.85    |
| 23  | 0.91    | 48  | 1.89    |
| 24  | 0.95    | 49  | 1.93    |
| 25  | 0.98    | 50  | 1.97    |

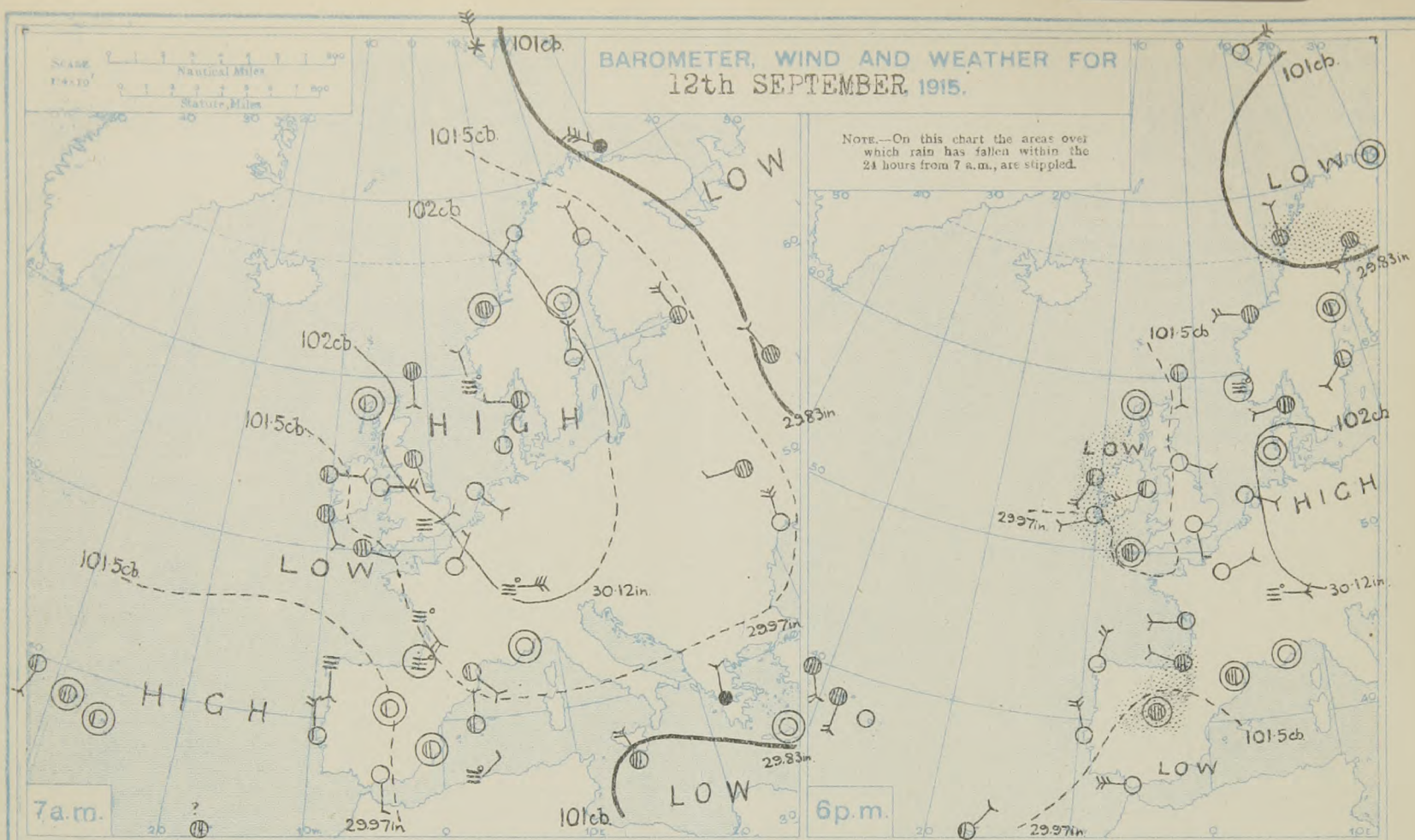
South Farnborough

Pilot Balloon Ascent at about 7 a.m.

Wind at 500 metres SW. 15 miles per hour.

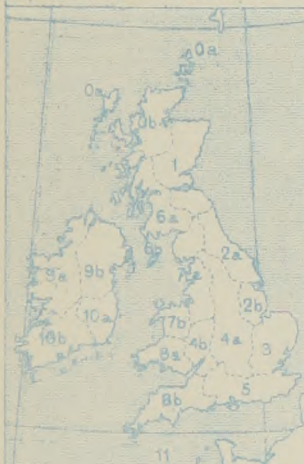
Wind at 1500 metres SSW 15 miles per hour.





#### FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

##### FORECAST DISTRICTS.



##### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

No Warnings Issued.

Western Channel and Bay 11

0 } South-Westerly to Westerly breezes, mostly light to moderate; slight local showers, but generally fair to fine, with mist and some coast fog; temperature moderate to mild.

1 }  
 2 }  
 3 } Calms and light variable breezes; fair to fine,  
 4 } some mist; temperature moderate to mild.  
 5 }

6 } Same as Nos 0 to 2.  
 7 }

8 } Same as Nos 3 to 5.

9 } Same as Nos 0 to 2.

10 } Same as Nos 3 to 5.

11 } Light variable breezes; slight sea; fine to fair, some mist or fog; moderate temperature.

##### FURTHER OUTLOOK.

Millibars

1050

1040

1030

1020

1010

1000

990

980

970

960

950

940

930

920

910

900

890

880

870

860

850

840

830

820

810

800

790

780

770

760

750

740

730

720

710

700

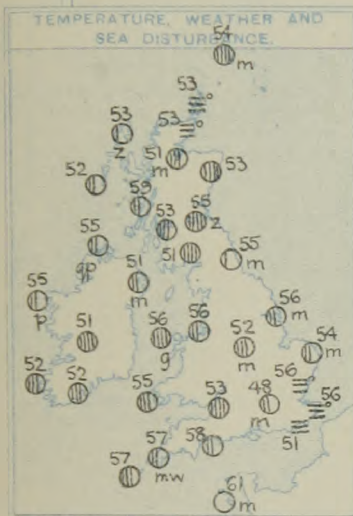


SYNOPTIC CHART FOR 7 a.m., MONDAY, 13th

SEPTEMBER, 1915.

GENERAL INFERENCE.

During the coming 24 hours  
the conditions are likely to  
undergo only minor variations.



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 1/2 clouded. ○ sky 3/4 clouded.

⊖ sky 1/2 clouded. ⊖ overcast sky. ⊖ rain falling.

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

⊖, thunderstorm.

**SEA DISTURBANCE.**—Rough High

</



# PILOT BALLOON ASCENTS for the PAST WEEK. Component Velocities to East and to North in Metres per Second.

| Station<br>Date & Hour.   |     | Comp.<br>to E.               | Comp.<br>to N.               | Comp.<br>to E.        | Comp.<br>to N.                | Comp.<br>to E.         | Comp.<br>to N.               | Comp.<br>to E.                | Comp.<br>to N.              | Comp.<br>to E.                | Comp.<br>to N.         | Comp.<br>to E.            | Comp.<br>to N. | Comp.<br>to E. | Comp.<br>to N. | Comp.<br>to E. | Comp.<br>to N. | Comp.<br>to E. | Comp.<br>to N. | Comp.<br>to E. | Comp.<br>to N. |
|---------------------------|-----|------------------------------|------------------------------|-----------------------|-------------------------------|------------------------|------------------------------|-------------------------------|-----------------------------|-------------------------------|------------------------|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                           |     | S. Farnborough<br>6th 7.22am | S. Farnborough<br>7th 7.44am | Benson<br>7th 11.56am | S. Farnborough<br>7th 11.23am | Esldalemair<br>8th 7am | S. Farnborough<br>8th 7.11am | S. Farnborough<br>8th 11.40am | S. Farnborough<br>9th 7.7am | S. Farnborough<br>9th 11.32am | S. Farnborough<br>11th | S. Farnborough<br>10.55am |                |                |                |                |                |                |                |                |                |
| Heights in<br>Kilometres. | 3.5 |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           | 3   |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           | 2.5 |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           | 2   |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           | 1.5 |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           | 1   |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           | 0.5 |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           | 0   |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |
|                           |     |                              |                              |                       |                               |                        |                              |                               |                             |                               |                        |                           |                |                |                |                |                |                |                |                |                |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.      | Rainfall.                | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS. | Rainfall.                  | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |      |
|----------------|--------------------------|--------------|------|-----------|------------|-------------------------------|-----------|----------------------------|--------------|------|-----------|------------|-------------------------------|------|
|                |                          | Max.         | Min. | Forenoon. | Afternoon. |                               |           |                            | Max.         | Min. | Forenoon. | Afternoon. |                               |      |
|                | mm. §                    | ° F.         | ° F. |           |            | Hr.                           |           | mm. §                      | ° F.         | ° F. |           |            | Hr.                           |      |
| Scotland.      | { Oban ... ..            | -            | 70   | 51        | 3          | 3                             | 9.1       | { Tunbridge Wells ... ..   | -            | 70   | 49        | 3          | 3                             | 11.8 |
|                | { Banff ... ..           | -            | 64   | 50        | 3          | 3                             | 10.8      | { Margate ... ..           | -            | 67   | 55        | 3          | 3                             | 11.2 |
|                | { Carnoustie ... ..      | -            | 63   | 54        | c          | 3                             | 4.8       | { Ramsgate ... ..          | -            | 65   | 55        | 3          | 3                             | 10.0 |
|                | { St. Andrews ... ..     | -            |      |           | *          | *                             |           | { Hastings ... ..          | -            | 66   | 54        | 3          | 3                             | 11.8 |
| Eng.<br>N.E.   | { Harrogate ... ..       | -            | 67   | 52        | 0.c.3      | 3                             | 7.4       | { Bexhill-on-Sea ... ..    | -            |      |           |            |                               |      |
|                | { Skegness ... ..        | 0.1          | 69   | 56        | 0.3        | 3                             | 10.6      | { Eastbourne ... ..        | -            | 66   | 48        | 3          | 3                             | 11.4 |
|                |                          |              |      |           |            |                               |           | { Seaford ... ..           | -            |      |           |            |                               |      |
|                |                          |              |      |           |            |                               |           | { Brighton ... ..          | -            | 67   | 52        | 3          | 3                             | 11.5 |
| Eng.<br>N.W.   | { Morecambe ... ..       | -            |      |           |            |                               |           | { Worthing ... ..          | -            | 67   | 51        | 3          | 3                             | 12.1 |
|                | { Blackpool ... ..       | -            | 70   | 49        | 3          | 3                             | 9.7       | { Littlehampton ... ..     | -            | 64   | ?         | 3          | 3                             | 11.0 |
|                | { Southport ... ..       | -            | 70   | 47        | 0.c.3      | 3                             | 8.7       | { Bognor ... ..            | -            | 64   | 52        | 3          | 3                             | 10.8 |
|                |                          |              |      |           |            |                               |           | { Southsea ... ..          | -            | 61   | 52        | 3          | 3                             | 11.0 |
| Midlands.      | { Buxton ... ..          | -            |      |           |            |                               |           | { Bournemouth ... ..       | -            | 68   | 46        | 3          | 3                             | 11.0 |
|                | { Leamington Spa ... ..  | -            | 73   | 47        | 3          | 3                             | 9.5       |                            |              |      |           |            |                               |      |
|                | { Malvern ... ..         | -            | 71   | 48        | 3          | 3                             | 7.5       |                            |              |      |           |            |                               |      |
|                | { Ross-on-Wye ... ..     | -            | 72   | 41        | 3          | 3                             | 3.4       |                            |              |      |           |            |                               |      |
| Wales.         | { Rhyl ... ..            | -            | 71   | 50        | 3          | 3                             | 7.5       | { Weymouth ... ..          | -            |      |           |            |                               |      |
|                | { Colwyn Bay ... ..      | -            | 71   | 47        | 3          | 3                             | 10.2      | { Torquay ... ..           | -            | 68   | 57        | 3          | 3                             | 8.7  |
|                | { Llandudno ... ..       | -            |      |           |            |                               |           | { Paignton ... ..          | -            |      |           |            |                               |      |
|                | { Aberystwyth ... ..     | -            | 71   | 52        | 0.c.3      | 3                             | ?         | { Falmouth ... ..          | -            | 65   | 56        | 3          | 3                             | 10.7 |
| England,<br>E. | { Tenby ... ..           | -            |      |           |            |                               |           | { Penzance ... ..          | -            |      |           |            |                               |      |
|                | { Cromer ... ..          | -            |      |           |            |                               |           | { Newquay ... ..           | -            | 69   | 51        | 3          | 3                             | 10.2 |
|                | { Lowestoft ... ..       | -            |      |           |            |                               |           | { Ilfracombe ... ..        | -            | 72   | 49        | 3          | 3                             | 10.5 |
|                | { Felixstowe ... ..      | -            | 66   | 59        | 3          | 3                             | 10.8      | { Weston-super-Mare ... .. | -            | 73   | 45        | 3          | 3                             | 8.0  |
|                | { Walton-on-Naze ... ..  | -            | 66   | 59        | 3          | 10.7                          |           |                            |              |      |           |            |                               |      |
|                | { Southend-on-Sea ... .. | -            | 71   | 51        | 3          | 10.1                          |           |                            |              |      |           |            |                               |      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                   | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE. |                   |                | Rain-<br>fall. | WEATHER.       |                 |        |
|--|---------------------------|-------------------|---|--------------|-------------------|----------------|----------------|----------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-day. |   | In Screen.   | Min. on<br>Grass. | Max.           |                | Fore-<br>noon. | After-<br>noon. | Night. |
| Greenwich (Royal Obs.) ...   | 56                        | 88                | 10.8                                    | 75           | 49                | 35             | -              | 3              | 3               | 3 m    |
| City (Bunhill Row) ...   | *                         | *                 | 9.3                                     | *            | *                 | *              | *              | *              | *               | *      |
| Westminster (St. James's Pk.)  | 53                        | 84                | 9.3                                     | 74           | 48                | 47             | -              | 3              | 3               | 3.3 m  |
| Camden Sq. (Brit. Rainfall)  | *                         | 88                | 8.7                                     | 77           | 47                | 45             | -              | 3              | 3               | 3 m    |
| Hampstead (Reservoir) ...  | *                         | *                 | 9.1                                     | 72           | 50                | 34             | -              | 3              | 3               | 3 m    |
| Richmond Park ...  | *                         | *                 | 9.6                                     |              |                   |                |                |                |                 |        |
| Kew. (See front page.)   |                           |                   |   |              |                   |                |                |                |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                   |   |              |                   |                |                |                |                 |        |
| S. Kensington (Roof of M.O.)   | -                         | 70                | 9.7                                     | 14.81 Joules | 32.0 Milliwatts.  | 58 Milliwatts. |                |                |                 |        |

## Additional Observations for Yesterday.

| STATIONS.                                   | RAIN-<br>FALL. | TEMPERATURE. |      | Night<br>Min.<br>on<br>Grass. | Night. | Fore-<br>noon. | After-<br>noon. | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---|----------------|--------------|------|-------------------------------|--------|----------------|-----------------|---|
|   |                | Max.         | Min. |                               |        |                |                 |   |
| Dublin to 4 p.m.                            |                | 66           | 51   | 46                            | 3.0    | 0.c.3          | 3               | *                                       |
| Darwen to 9 p.m.                            |                |              |      |                               |        |                |                 |   |
| Manchester "                                |                | 72           | 50   | 43                            |        | 0.3            | 3               | 7.6                                     |
| Birmingham "                                |                |              |      |                               |        |                |                 |   |
| Oxford to 8 p.m.                            |                |              |      |                               |        |                |                 |   |
| Teignmouth to 9 "                           |                |              |      |                               |        |                |                 |   |
| Plymouth "                                  |                |              |      |                               |        |                |                 |   |
| S. Kensington<br>(Museum Grounds to 6 p.m.) | -              | 75           | 52   | 40                            | 3.3    | 3.3            | 3               | *                                       |

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

| 13 <sup>th</sup> 14 <sup>th</sup> September 1915. | Sunrise. | Noon.  | Sunset. |
|---|----------|--------|---------|
|   | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                                      | 5.25     | 11.49  | 6.13    |
| Greenwich ...                                     | 5.33     | 11.56  | 6.19    |
| Wick ...  | 5.39     | 12.08  | 6.37    |
| Valencia ...                                      | 6.13     | 12.37  | 6.59    |

## NOTES ON YESTERDAY'S WEATHER.

Fine, dry weather was general, temperature rising to 70° and upwards over Southern England; to 75° in London. There was abundance of bright sunshine, up to 12 hours at Worthing.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



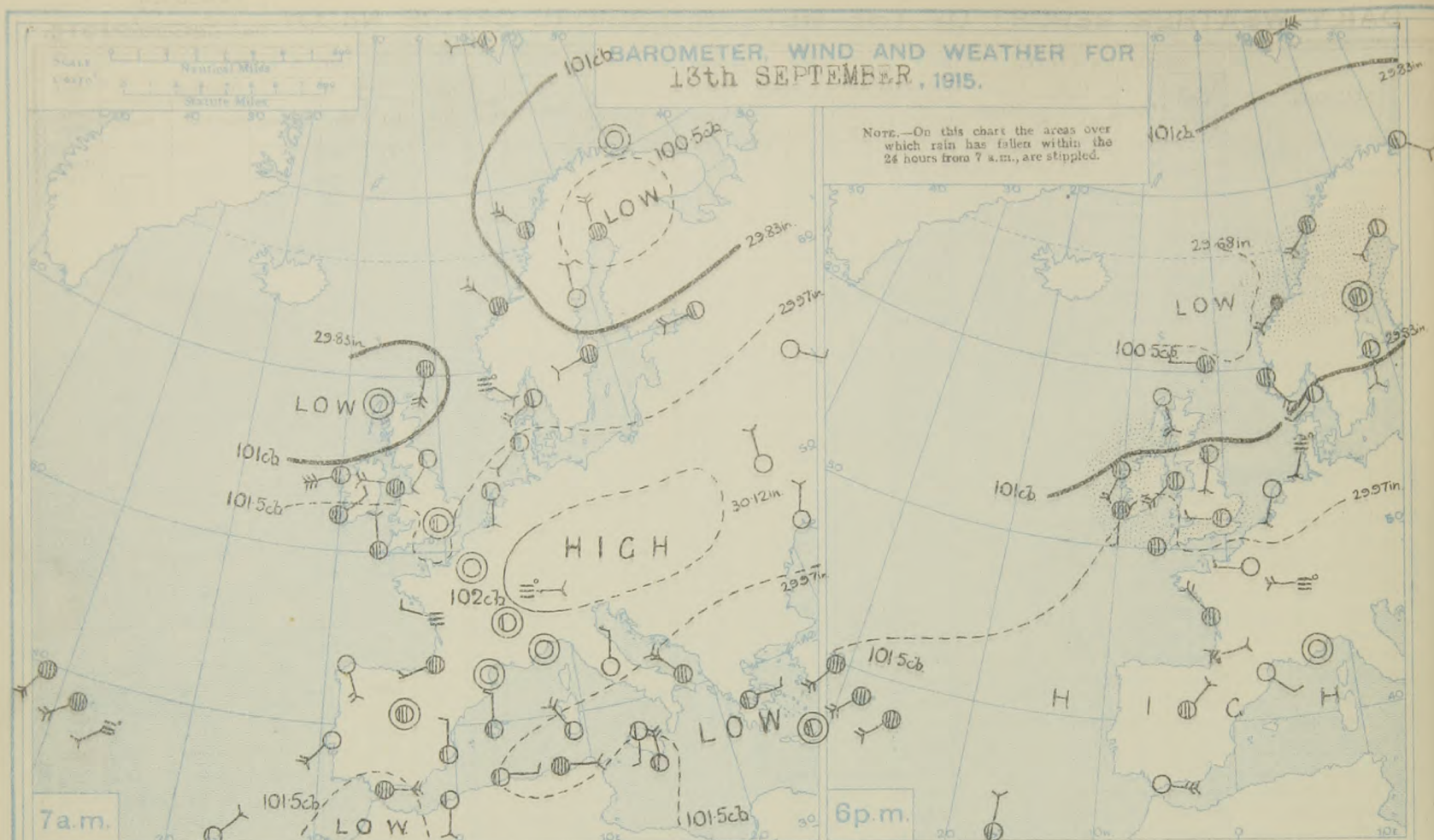
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 257

Tuesday  
14th September 1915.

| DATE.             | STATIONS.                 | YESTERDAY EVENING.                    |              |       |                |          | THIS MORNING 7 A.M., G.M.T.           |                          |              |                           |       |                |                                 |          |             |                                     | PAST 24 HOURS. |         |          |            |         | Sun-<br>shine<br>for<br>Yester-<br>day. |
|-------------------|---------------------------|---------------------------------------|--------------|-------|----------------|----------|---------------------------------------|--------------------------|--------------|---------------------------|-------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|---------|----------|------------|---------|---|
|                   |                           | Barom.<br>Milli-<br>bars at<br>M.S.L. | Temp.<br>°F. | WIND. |                | Weather. | Barom.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | WIND. |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |         | WEATHER. |            |         |   |
|                   |                           |                                       |              | Dir.  | Force<br>0-12. |          |                                       |                          |              |                           | Dir.  | Force<br>0-12. |                                 |          |             |                                     | Max.           | Min.    | Morning. | Afternoon. | Night.  |   |
| BRITISH ISLANDS.  | Lerwick                   | 1005.8                                | 53           | W     | 1              | om       | 1006.8                                | +1                       | 53           | -1                        | NE    | 4              | -                               | om       | 3           | -                                   | 55             | 51      | om       | om         | om      | Hours.                                  |
|                   | Deerness                  | 1006.1                                | 54           | WNW   | 2              | bc       | 1007.8                                | +                        | 53           | 0                         | NW    | 2              | N                               | of       | 1           | -                                   | 59             | 48      | mo       | c.c.bc     | bc.c    | 3.4                                     |
|                   | Stornoway                 | 1007.0                                | 55           | SSE   | 3              | bc       | 1009.5                                | +1                       | 51           | -2                        | NW    | 1              | -                               | o        | 1           | -                                   | 60             | 49      | bc       | bc.c       | bc.c    | 9.3                                     |
|                   | Castlebay (Barraisd.)     | 1007.3                                | 56           | W     | 3              | bc       | 1008.6                                | 0                        | 52           | 0                         | E     | 2              | -                               | o        | 2           | 1                                   | 58             | 48      | bc.op    | op.bc      | bc.c    | 3.0                                     |
|                   | Glasgow                   | 1009.1                                | 53           | SW    | 4              | c        | 1010.4                                | +2                       | 52           | -1                        | WSW   | 2              | -                               | o        | 2           | 2                                   | 60             | 51      | cp       | op         | cp.o    | 2.8                                     |
|                   | Esksdalemuir              | 1010.7                                | 50           | SW    | 3              | oc       | 1011.9                                | +1                       | 46           | -5                        | S     | 2              | -                               | o        | 2           | 8                                   | 58             | 44      | o        | c.c.op     | oc.ord  | 1.4                                     |
|                   | Malin Head                | 1008.9                                | 55           | W     | 6              | bc.op    | 1008.6                                | -2                       | 52           | -3                        | SW    | 4              | NW                              | op       | 4           | 16                                  | 56             | 50      | om.op    | om.op      | oc      | 0.6                                     |
|                   | Blacksod Point            | 1011.5                                | 61           | SSW   | 3              | bc       | 1005.3                                | -1                       | 57           | +2                        | S     | 3              | SW                              | om       | 3           | 11                                  | 61             | 51      | om       | bc         | om      | 1                                       |
|                   | Valencia                  | 1018.9                                | 58           | S     | 1              | o        | 1009.3                                | +2                       | 60           | +8                        | SW    | 2              | -                               | op       | 4           | 10                                  | 64             | 52      | op       | c.op       | oc.c    | 1.5                                     |
|                   | Roche's Point             | 1016.4                                | 60           | SW    | 2              | o        | 1011.3                                | +                        | 62           | +10                       | WSW   | 2              | W                               | bc       | 3           | 11                                  | 62             | 52      | c.o      | c.op.o     | oc.c    | 1                                       |
|                   | Birr Castle               | 1013.5                                | 59           | SW    | 1              | c        | 1008.7                                | +                        | 55           | +4                        | S     | 1              | -                               | bc       | 2           | 8                                   | 63             | 51      | cp       | c          | oc      | 4.4                                     |
|                   | Donaghadee                | 1010.5                                | 60           | W     | 4              | bc.op    | 1010.8                                | 0                        | 51           | 0                         | S     | 2              | -                               | c        | 1           | -                                   | 63             | 47      | bc.op    | bc.op      | bc.c    | 3.2                                     |
|                   | Liverpool (Bidston)       | 1013.0                                | 58           | W     | 3              | bc       | 1013.1                                | +1                       | 54           | -2                        | SW    | 2              | W                               | c        | 2           | -                                   | 62             | 52      | c        | c.bc.op    | bc.c    | 3.5                                     |
|                   | Holyhead                  | 1013.4                                | 60           | SW    | 4              | oc       | 1012.8                                | 0                        | 56           | 0                         | SW    | 4              | -                               | oc       | 3           | -                                   | 64             | 55      | c        | c.bc.op    | bc.c    | 3.5                                     |
|                   | Pembroke (St. Ann's)      | 1015.8                                | 57           | N     | 3              | o        | 1014.4                                | -2                       | 55           | 0                         | SSW   | 5              | -                               | op.op    | 4           | 3                                   | 61             | 54      | c        | bc         | c       | 7.0                                     |
|                   | Scilly (St. Mary's)       | 1016.7                                | 58           | -     | 0              | c        | 1015.2                                | -2                       | 59           | +2                        | SSW   | 4              | SW                              | op       | 4           | 1                                   | 65             | 55      | bc.op    | c          | oc.op   | 6.1                                     |
|                   | Falmouth                  | 1016.1                                | 59           | WNW   | 2              | o        | 1016.1                                | 0                        | 57           | 0                         | SSW   | 3              | -                               | op       | 2           | -                                   | 67             | 53      | bc.c     | bc.c       | oc.op   | 5.2                                     |
|                   | Jersey (St. Aubin)        | 1016.6                                | 65           | SW    | 3              | bc       | 1018.5                                | +                        | 59           | -2                        | W     | 2              | -                               | op       | 1           | -                                   | 70             | 58      | bc.c     | bc.c       | bc.op   | 9.1                                     |
|                   | Portland Bill             | 1014.7                                | 61           | SW    | 3              | c        | 1016.4                                | 0                        | 58           | 0                         | WNW   | 2              | -                               | oc       | 2           | 0.2                                 | 66             | 56      | bc       | c          | oc.c    | 1                                       |
|                   | Dungeness                 | 1015.6                                | 62           | SW    | 3              | bc       | 1015.2                                | +2                       | 55           | +4                        | WNW   | 3              | NW                              | op       | 3           | 1                                   | 67             | 50      | bc.c     | bc.c       | bc.c    | 1                                       |
|                   | Dover                     | 1018.8                                | 61           | SW    | 4              | bc       | 1015.6                                | 0                        | 54           | -2                        | W     | 2              | NW                              | op       | 2           | 0.2                                 | 67             | 53      | bc       | bc.c       | c.bc.op | 9.3                                     |
|                   | Wick                      | 1007.0                                | 55           | WNW   | 1              | c        | 1009.8                                | +2                       | 49           | -4                        | WNW   | 2              | -                               | o        | 1           | -                                   | 59             | 45      | om.op    | om.c       | om      | 1                                       |
|                   | Nairn                     | 1006.5                                | 57           | W     | 2              | oc       | 1009.5                                | +                        | 48           | -3                        | W     | 1              | -                               | oc       | 1           | -                                   | 64             | 41      | c.bc     | bc.c       | c.bc.c  | 4.8                                     |
|                   | Aberdeen                  | 1006.6                                | 57           | SSW   | 2              | c        | 1009.7                                | +2                       | 47           | -6                        | WNW   | 2              | -                               | bc       | 2           | 1                                   | 65             | 43      | om.c.bc  | bc.c       | c.cw    | 2.6                                     |
|                   | Leith                     | 1007.9                                | 57           | W     | 3              | o        | 1010.2                                | +2                       | 52           | -3                        | WNW   | 2              | W                               | bc       | 2           | -                                   | 62             | 50      | c.c.o    | c.c.o      | oc      | 1                                       |
| Tynemouth         | 1011.1                    | 59                                    | WNW          | 2     | bc.op          | 1011.4   | +1                                    | 52                       | -3           | WNW                       | 2     | N              | bc                              | 2        | 2           | 61                                  | 49             | om      | bc       | om         | 1       |   |
| Spurn Head        | 1012.8                    | 61                                    | WNW          | 3     | o              | 1013.1   | 0                                     | 59                       | +3           | W                         | 5     | -              | bc.op                           | 4        | -           | 68                                  | 51             | bc.op   | om       | om         | 2.5     |   |
| Yarmouth          | 1011.5                    | 62                                    | N            | 1     | o              | 1014.0   | +1                                    | 52                       | -2           | NW                        | 2     | W              | bc.op                           | 4        | 3           | 67                                  | 49             | bc.op   | bc.op    | bc.op      | 6.7     |   |
| Clacton-on-Sea    | 1012.9                    | 63                                    | WNW          | 1     | c              | 1015.3   | +2                                    | 55                       | -1           | WNW                       | 2     | NW             | bc                              | 1        | 2           | 67                                  | 50             | bc.op   | bc.c     | om.c       | 7.9     |   |
| Nottingham        | 1013.0                    | 62                                    | WNW          | 2     | c              | 1014.2   | +                                     | 49                       | -3           | SW                        | 1     | SW             | bc                              | 1        | -           | 66                                  | 43             | c.o     | c.o      | c.c        | 2.1     |   |
| Bath              | 1014.3                    | 65                                    | W            | 1     | o              | 1015.8   | +                                     | 55                       | +2           | WSW                       | -     | SW             | bc                              | 1        | 3           | 70                                  | 52             | mo.bc.c | bc.c     | bc.c       | 7.0     |   |
| St. Farnborough   | 1013.4                    | 65                                    | -            | 0     | bc             | 1016.0   | +3                                    | 64                       | +7           | -                         | 0     | -              | bc                              | 1        | trace       | 73                                  | 47             | bc.c    | bc.c     | bc.c       | 5.3     |   |
| London (Kew Obs.) | 1013.5                    | 65                                    | W            | 1     | bc             | 1015.8   | +2                                    | 55                       | +7           | SW                        | 1     | -              | o                               | 2        | -           | 71                                  | 47             | bc.c    | c.c.c    | bc.c       | 5.3     |   |
| NORTHERN EUROPE.  | Spitsbergen               | 1014.7                                | 37           | E     | 6              | o        | 1020.4                                | +3                       | 39           | +9                        | E     | 7              | -                               | bc       | 2           | -                                   | 37             | 30      | -        | -          | -       | -                                       |
|                   | Vardö                     | 1008.3                                | 41           | SE    | 2              | bc       | 1009.6                                | +1                       | 43           | +6                        | SE    | 5              | -                               | o        | 3           | -                                   | 43             | 37      | -        | -          | -       | -                                       |
|                   | Bodö                      | 1006.9                                | 41           | SW    | 4              | c        | 1007.3                                | +2                       | 37           | -4                        | NE    | 1              | -                               | c        | 1           | 4                                   | 43             | 36      | -        | -          | -       | -                                       |
|                   | Christiansund             | 1008.3                                | 50           | SW    | 3              | bc       | 1006.7                                | +1                       | 46           | -6                        | NE    | 5              | -                               | o        | 2           | 4                                   | 54             | 46      | -        | -          | -       | -                                       |
|                   | Skudesnaes                | 1006.6                                | 37           | SE    | 3              | c        | 1005.0                                | 0                        | 53           | +4                        | -     | 0              | -                               | c        | 2           | -                                   | 61             | 55      | -        | -          | -       | -                                       |
|                   | Færder (X'lania Fjord)    | 1006.9                                | 59           | SW    | 6              | bc       | 1003.9                                | -1                       | 59           | +2                        | SSW   | 2              | -                               | o        | 2           | -                                   | 61             | 55      | -        | -          | -       | -                                       |
|                   | The Scaw (Skagen)         | 1010.6                                | 59           | WSW   | 1              | bc       | 1005.3                                | -1                       | 57           | +2                        | SW    | 1              | -                               | bc       | 2           | -                                   | 68             | 55      | -        | -          | -       | -                                       |
|                   | Blaavands Huk             | 1012.3                                | 61           | SSW   | 2              | bc       | 1007.7                                | -1                       | 59           | 0                         | W     | 1              | -                               | bc       | 0           | -                                   | 64             | 55      | -        | -          | -       | -                                       |
|                   | Haparanda                 | 1007.3                                | 41           | SSW   | 2              | bc       | 1006.0                                | -1                       | 39           | +4                        | E     | 2              | -                               | bc       | 2           | 9                                   | 48             | 37      | -        | -          | -       | -                                       |
|                   | Hernösand                 | 1007.5                                | 54           | -     | 0              | c        | 1006.3                                | +1                       | 46           | -7                        | -     | 0              | -                               | o        | 3           | 4                                   | 61             | 48      | -        | -          | -       | -                                       |
| FRANCE, &c.       | Stockholm                 | 1009.9                                | 54           | S     | 2              | bc       | 1006.7                                | -1                       | 37           | +3                        | SW    | 2              | SW                              | bc       | 2           | -                                   | 61             | 50      | -        | -          | -       | -                                       |
|                   | Wisby                     | 1011.7                                | 55           | SSW   | 2              | bc       | 1009.3                                | -1                       | 59           | +4                        | SW    | 2              | -                               | bc       | 2           | -                                   | 61             | 52      | -        | -          | -       | -                                       |
|                   | Karlstad                  | 1008.6                                | 59           | WSW   | 2              | bc       | 1005.3                                | -1                       | 57           | +2                        | WSW   | 2              | -                               | o        | 2           | -                                   | 66             | 52      | -        | -          | -       | -                                       |
|                   | Petrograd (6 a.m. G.M.T.) |                                       |              |       |                |          |                                       |                          |              |                           |       |                |                                 |          |             |                                     |                |         |          |            |         |   |
|                   | The Helder                | 1012.4                                | 63           | SSW   | 2              | bc       | 1011.9                                | +1                       | 61           | +7                        | W     | 3              | -                               | bc       | 3           | trace                               | 72             | 54      | -        | -          | -       | -                                       |
|                   | C. Gris Nez               | 1014.9                                | 61           | SW    | 4              | bc       | 1015.1                                | +2                       | 58           | -5                        | W     | 3              | -                               | bc       | 2           | trace                               | 68             | 57      | -        | -          | -       | -                                       |
|                   | La Hève                   | 1015.7                                | 70           | WNW   | 1              | c        | 1016.0                                | +                        | 59           | 0                         | WNW   | 4              | -                               | o        | 3           | -                                   | 73             | 48      | -        | -          | -       | -                                       |
|                   | Ushant                    | 1016.4                                | 60           | N     | 3              | o        | 1018.4                                | +                        | 59           | 0                         | SW    | 3              | -                               | o        | 3           | -                                   | ?              | ?       | -        | -          | -       | -                                       |
|                   | Brest (St. Mathieu)       | 1018.0                                | 57           | NNE   | 1              | bc       | 1019.5                                | +1                       | 59           | 0                         | SW    | 3              | -                               | c        | 3           | -                                   | 75             | 57      | -        | -          | -       | -                                       |
|                   | Rochefort (Ile d'Aix)     | 1018.0                                | 64           | NW    | 3              | c        | 1020.3                                | +3                       | 61           | +3                        | ESE   | 1              | -                               | bc       | 2           | trace                               | 75             | ?       | -        | -          | -       | -                                       |
| SOUTHERN EUROPE.  | Biarritz                  | 1017.5                                | 69           | ESE   | 2              | bc       | 1019.7                                | +2                       | 64           | -1                        | ESE   | 2              | -                               | c        | 2           | -                                   | 75             | 63      | -        | -          | -       | -                                       |
|                   | Paris                     | 1015.9                                | 66           | W     | 2              | bc       | 1017.2                                | +1                       | 57           | +5                        | S     | 1              | N                               | o        | 2           | -                                   | 77             | 52      | -        | -          | -       | -                                       |
|                   | Belfort                   | 1019.1                                | 63           | W     | 3              | bc       | 1021.5                                | +                        | 56           | +2                        | ?     | ?              | -                               | bc       | 2           | -                                   | 75             | 50      | -        | -          | -       | -                                       |
|                   | Lyons                     | 1017.9                                | 69           | -     | 0              | bc       | 1021.1                                | +                        | 57           | +2                        | -     | 0              | -                               | bc       | 2           | -                                   | 78             | 55      | -        | -          | -       | -                                       |
|                   | Nice                      | 1019.3                                | 61           | -     | 0              | bc       | 1020.3                                | +1                       | 64           | +4                        | -     | 0              | -                               | bc       | 2           | -                                   | 77             | 57      | -        | -          | -       | -                                       |
|                   | Perpignan                 | 1017.7                                | 66           | SE    | 1              | bc       | 1020.8                                | +3                       | 57           | +4                        | W     | 1              | -                               | bc       | 2           | -                                   | 75             | 52      | -        | -          | -       | -                                       |
|                   | Sanguinaire               |                                       | 71           | N     | 3              | bc       |                                       | +                        | 68           | -2                        | E     | 2              | -                               | bc       | 2           | -                                   | 82             | 59      | -        | -          | -       | -                                       |
|                   | Corunna (7 a.m.)          | 1018.0                                | 64           | NW    | 3              | bc       | 1021.6                                | +3                       | 57           | +2                        | S     | 2              | -                               | bc       | 1           | -                                   | 68             | 52      | -        | -          | -       | -                                       |
|                   | Madrid (8 a.m.)           | 1015.4                                | 72           | NE    | 2              | c        | 1022.4                                | +4                       | 61           | -2                        | NNE   | 1              | -                               | o        | 2           | -                                   | 72             | 57      | -        | -          | -       | -                                       |
|                   | Lisbon (9 a.m.)           | 1015.7                                | 73           | WNW   | 5              | bc       | 1019.1                                | +2                       | 64           | 0                         | WNW   | 2              | -                               | bc       | 5           | -                                   | 79             | 63      | -        | -          | -       | -                                       |
| SOUTHERN EUROPE.  | Gibraltar                 | 1016.9                                | 70           | E     | 5              | bc       | 1018.3                                | +                        | 70           | +1                        | E     | 5              | -                               | c        | 2           | -                                   | 77             | 68      | -        | -          | -       | -                                       |
|                   | Rome                      |                                       |              |       |                |          |                                       |                          |              |                           |       |                |                                 |          |             |                                     |                |         |          |            |         |   |
|                   | Malta (8 a.m.)            |                                       |              |       |                |          | 1018.4                                | +3                       | 66           | -2                        | NNW   | 4              | -                               | bc       | 4           | -                                   | 72             | 64      | -        | -          | -       | -                                       |
|                   | Az                        |                                       |              |       |                |          |                                       |                          |              |                           |       |                |                                 |          |             |                                     |                |         |          |            |         |   |

| RAINFALL.                                 |         |     |         |
|---|---------|-----|---------|
| Equivalents of Millimetres.<br>in Inches. |         |     |         |
| mm.                                       | Inches. | mm. | Inches. |
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.61    |
| 17  | 0.67    | 42  | 1.65    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |
| 21  | 0.83    | 46  | 1.81    |
| 22  | 0.87    | 47  | 1.85    |
| 23  | 0.91    | 48  | 1.89    |
| 24  | 0.95    | 49  | 1.93    |
| 25  | 0.98    | 50  | 1.97    |





**FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Coast.               | South Coast.                  |
| North Coast.               | North Coast.                  |

No Warnings Issued.

Western Channel and Bay 11

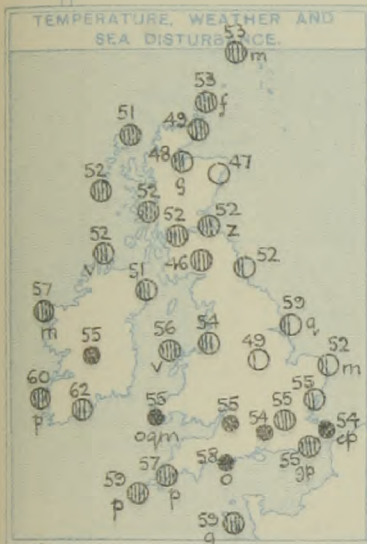
**FURTHER OUTLOOK.**

- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | Light North-Westerly breezes, backing South-Westerly and freshening somewhat; cloudy to dull, some rain, coast mist or fog; moderate temperature.                            |
| 1  | b |   |  |
| 2  | a | } | Light to moderate Westerly breezes; cloudy to dull, some rain, fairer later; moderate temperature.   |
| 3  | b |   |  |
| 4  | a | } | Southerly to South-Westerly breezes, fresh at times; cloudy to dull, some rain, mist or fog; moderate temperature.   |
| 5  | b |   |  |
| 6  | a | } | Northern part South-Westerly to Westerly breezes fresh at times; Southern part light to moderate Easterly breezes; changeable, some rain, mist or fog; moderate temperature. |
| 7  | b |   |  |
| 8  | a | } |  |
| 9  | b |   |  |
| 10 | a | } |  |
| 11 | b |   |  |



GENERAL INFERENCE.

Under the influence of a series of Atlantic depressions skirting our western and northern coasts the general situation is assuming a less settled type.



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 

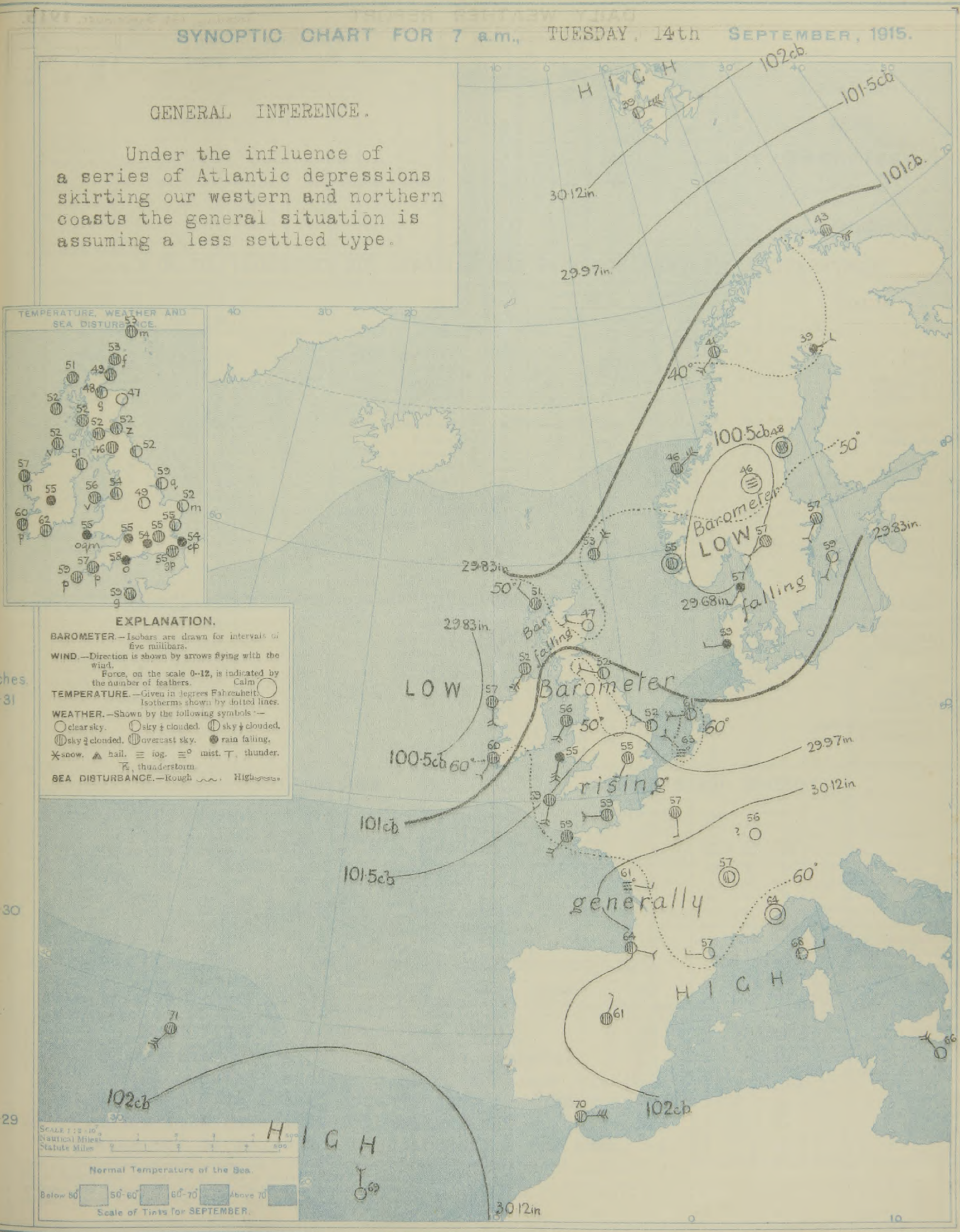
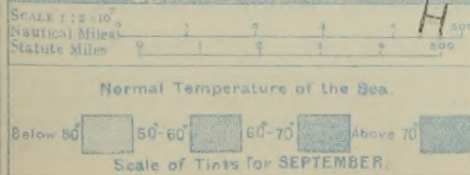
TEMPERATURE.—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—  
 Sun,  Sun & cloud,  Sun & rain,  Cloud,  Cloud & rain,  Rain,  Snow,  Thunder,  Thunder & rain.

 clear sky.   
  sky & clouded.   
  sky & clouded.

\*snow.  hail.  $\equiv$  fog.  $\equiv^o$  mist.  $\top$  thunder.

SEA DISTURBANCE.—Rough . High .





## DAILY WEATHER REPORT.

Tuesday, 14th September, 1915.

REPORTS  
FOR  
YESTERDAY.

13th September 1915.

| STATIONS. | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |              |                           |        |                |                                 |          |      |      | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |  |
|-----------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|------|------|-------------|-------------------------------------|-------|--|
|           | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Max. | Min. |             |                                     |       |  |
|           |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |      |      |             |                                     |       |  |
|           |                                       | ° F.  |        |                |          |                                |                          | ° F.         | ° F.                      |        |                |                                 |          |      |      |             |                                     |       |  |
| Petrograd | 1015.1                                | 52    | W      | 3              | b        | 1012.3                         | +                        | 46           | -4                        | W      | 3              | -                               | bc       | *    | -    | 59          | 48                                  |       |  |
| Rocheport | 1015.3                                | 64    | W      | 2              | b        | 1017.1                         | +3                       | 55           | -3                        | WNW    | 1              | *                               | f        | *    | -    | 75          | 57                                  |       |  |
| Rome      | 1012.0                                | 63    | -      | 0              | b        | 1015.4                         | +3                       | 61           | .                         | N      | 1              | *                               | b        | *    | -    | 73          | 55                                  |       |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.      | Rainfall.                | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS.         | Rainfall.                  | TEMPERATURE.             |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |          |      |
|----------------|--------------------------|--------------|------|-----------|------------|-------------------------------|-------------------|----------------------------|--------------------------|------|-----------|------------|-------------------------------|----------|------|
|                |                          | Max.         | Min. | Forenoon. | Afternoon. |                               |                   |                            | Max.                     | Min. | Forenoon. | Afternoon. |                               |          |      |
|                | mm. §                    | ° F.         | ° F. |           |            | Hr.                           |                   | mm. §                      | ° F.                     | ° F. |           |            | Hr.                           |          |      |
| Scotland.      | { Oban ... ..            | -            | 59   | 51        | bcp        | cr                            | 3.0               | England, S.E.              | { Tunbridge Wells ... .. | -    | 74        | 46         | b                             | bc.c     | 9.5  |
|                | { Banff ... ..           | -            | 66   | 51        | bc.b       | b.bc                          | 6.0               |                            | { Margate ... ..         | -    | 74        | 57         | b                             | b        | 9.9  |
|                | { Carnoustie ... ..      | 2            | 63   | 50        | bc.c       | c.op                          | 3.0               |                            | { Ramsgate ... ..        | -    | 70        | 57         | bc                            | bc       | 9.8  |
|                | { St. Andrews ... ..     | -            | 62   | 46        | *          | *                             | 1.8               |                            | { Hastings ... ..        | -    | 67        | 56         | b                             | b.bc     | 10.2 |
| Eng.<br>N.E.   | { Harrogate ... ..       | -            | 61   | 52        | c.bc       | bc                            | 2.6               |                            | { Bexhill-on-Sea ... ..  | -    |           |            |                               |          |      |
|                | { Skegness ... ..        | -            | 65   | 51        | op         | po                            | 2.1               |                            | { Eastbourne ... ..      | -    | 68        | 48         | b                             | b        | 10.0 |
| Eng.<br>N.W.   | { Morecambe ... ..       | -            | 62   | 53        | bc         | bc                            | 3.5               |                            | { Seaford ... ..         | -    |           |            |                               |          |      |
|                | { Blackpool ... ..       | -            | 63   | 53        | c          | c                             | 3.3               |                            | { Brighton ... ..        | -    | 68        | 49         | b                             | b.bc     | 9.2  |
|                | { Southport ... ..       | -            | 62   | ?         | o.c        | c.o.c                         | 2.5               |                            | { Worthing ... ..        | -    | 70        | 48         | b                             | b        | 9.6  |
| Midlands.      | { Buxton ... ..          | -            | 60   | 48        | bc         | bc                            | 2.9               |                            | { Littlehampton ... ..   | -    | 70        | ?          | b                             | bc       | 8.0  |
|                | { Leamington Spa ... ..  | -            | 68   | 47        | bc         | bc                            | 4.0               | { Bognor ... ..            | -                        | 67   | 52        | b          | bc                            | 7.6      |      |
|                | { Malvern ... ..         | -            | 68   | 53        | bc         | bc                            | 5.0               | { Southsea ... ..          | -                        | 73   | 54        | b          | b                             | 8.5      |      |
|                | { Ross-on-Wye ... ..     | -            | 70   | 49        | c.bc       | bc.c                          | 3.7               | { Bournemouth ... ..       | -                        | 71   | 49        | c          | c                             | 5.9      |      |
| Wales.         | { Rhyl ... ..            | -            | 64   | 53        | c.bc       | b                             | 4.8               | England,<br>S.W.           | { Weymouth ... ..        | -    | 72        | 53         | b.bc                          | bc.c.o.m | 6.7  |
|                | { Colwyn Bay ... ..      | -            | 65   | 54        | c.bc       | bc.c                          | 3.7               |                            | { Torquay ... ..         | -    | 72        | 53         | bc                            | bc.c.o   | 5.8  |
|                | { Llandudno ... ..       | -            |      |           |            |                               |                   |                            | { Paignton ... ..        | -    | 73        | 51         | bc                            | c        | 5.9  |
|                | { Aberystwyth ... ..     | -            | 63   | 56        | o.c.o      | c.o                           | 3.0               |                            | { Falmouth ... ..        | -    | 67        | 55         | bc.b                          | bc.c.o   | 5.2  |
| { Tenby ... .. | -                        | 66           | 48   | b         | bc         | 6.9                           | { Penzance ... .. |                            | -                        | 69   | 52        | b.bc       | c.o                           | 5.5      |      |
| England,<br>E. | { Cromer ... ..          | 0.7          | 73   | 54        | bc.c.o     | o.c                           | 4.7               |                            | { Newquay ... ..         | -    | 61        | 51         | of bc                         | bc.o     | 1.6  |
|                | { Lowestoft ... ..       | -            | 69   | 53        | bc         | bc.c.op                       | 7.0               | { Ilfracombe ... ..        | -                        | 64   | 54        | b.bc.b     | b.bc.c                        | 6.5      |      |
|                | { Felixstowe ... ..      | 1            | 67   | 49        | bc.m       | cptl                          | 7.7               | { Weston-super-Mare ... .. | -                        | 67   | 52        | bc.b       | b.bc                          | 8.0      |      |
|                | { Walton-on-Naze ... ..  | 2            | 67   | 48        | w.bz       | bc.p.cu                       | 7.3               |                            |                          |      |           |            |                               |          |      |
|                | { Southend-on-Sea ... .. | -            | 77   | 52        | b          | b.b.c                         | 7.8               |                            |                          |      |           |            |                               |          |      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.                  |                  |                   | Rain-<br>fall. | WEATHER.       |                 |        |
|--|---------------------------|-----------------------|---|-------------------------------|------------------|-------------------|----------------|----------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.                    |                  | Min. on<br>Grass. |                | Fore-<br>noon. | After-<br>noon. | Night. |
|  |                           |                       |   | Max.                          | Min.             |                   |                |                |                 |        |
|  |                           |                       |   | 24 HOURS ENDED 9 A.M. TO-DAY. |                  |                   |                |                |                 |        |
|  | %                         | %                     | Hr.                                     | ° F.                          | ° F.             | ° F.              | mm.‡           |                |                 |        |
| Greenwich (Royal Obs.) ...   | 63                        | 82                    | 6.1                                     | 76                            | 53               | 47                | -              | bc.c           | o.c             | o.c    |
| City (Bunhill Row) ...   | *                         | *                     | 4.7                                     | *                             | *                | *                 | *              | *              | *               | *      |
| Westminster (St. James's Pk.)  | 66                        | 78                    | 3.0                                     | 73                            | 54               | 53                | -              | o.bc           | bc.c            | pu     |
| Camden Sq. (Brit. Rainfall)  | 61                        | 60                    | 3.9                                     | 75                            | 54               | 51                | -              | bc.c           | bc.c            | *      |
| Hampstead (Reservoir) ...  | *                         | 82                    | 6.6                                     | 70                            | 51               | 42                | -              | bc             | bc              | o      |
| Richmond Park  | *                         | *                     |   |                               |                  |                   |                |                |                 |        |
| Kew. (See front page.)   |                           |                       |   |                               |                  |                   |                |                |                 |        |
| VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                           |                       |   |                               |                  |                   |                |                |                 |        |
|  |                           |                       |   | Total.                        | Average Rate.    |                   | Max. Rate.     |                |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.)       |                           |                       |   | 952 Joules                    | 20.7 Milliwatts. |                   | 53 Milliwatts. |                |                 |        |
| S. Kensington (Roof of M.O.)   | 67                        | 79                    | 4.4                                     |                               |                  |                   |                |                |                 |        |

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

| 14th Sept 1915. | Sunrise. | Noon.  | Sunset. |
|-----------------|----------|--------|---------|
| G.M.T.          | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...    | 5.27     | 11.49  | 6.11    |
| Greenwich ...   | 5.36     | 11.56  | 6.17    |
| Wick ...        | 5.43     | 12.8   | 6.25    |
| Valencia ...    | 6.16     | 12.27  | 6.59    |

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded;  
c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail;  
l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder;  
u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° and upwards at several southern stations. Rain fell in Ireland, 16 mm. at Malin Head. A thunderstorm passed over Essex in the afternoon. The weather generally was much more cloudy, so there was a considerable reduction in the sunshine records.

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1915.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 258

Wednesday  
15th September 1915.

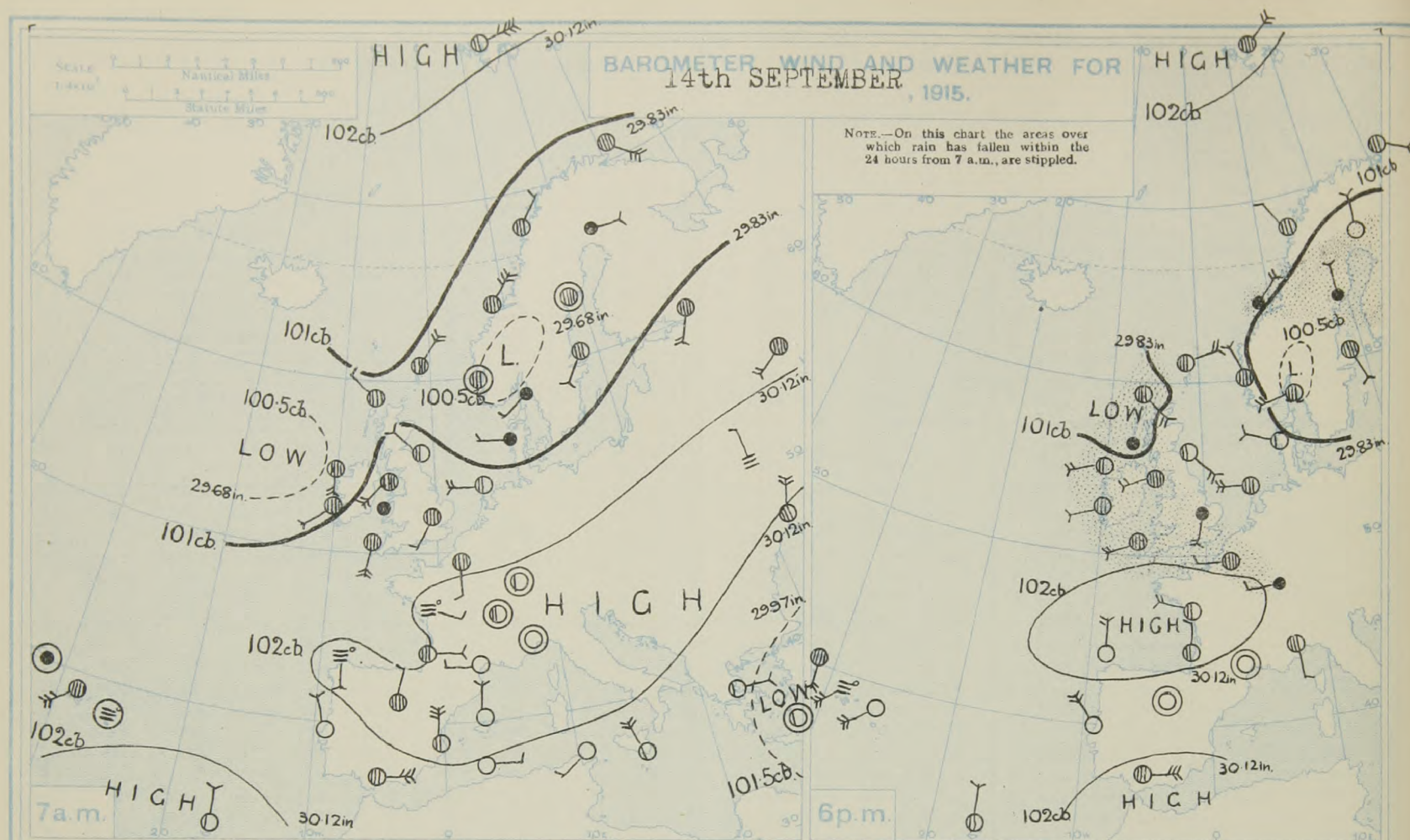
| STATIONS.              | YESTERDAY EVENING.                    |       |        |                |          | THIS MORNING 7 A.M., G.M.T.           |                          |              |                           |        |                |                                 |          |             |                                     | PAST 24 HOURS. |      |          |            |        | Sun-<br>shine<br>for<br>Yester-<br>day. |
|------------------------|---------------------------------------|-------|--------|----------------|----------|---------------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|------|----------|------------|--------|---|
|                        | Barom.<br>Milli-<br>bars at<br>M.S.L. | Temp. | WIND.  |                | Weather. | Barom.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |      | WEATHER. |            |        |   |
|                        |                                       |       | Direc. | Force<br>0-12. |          |                                       |                          | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.           | Min. | Morning. | Afternoon. | Night. |   |
| Lerwick ...            | 1012.0                                | 52    | ESE    | 3              | c        | 1013.6                                | 0                        | 50           | -3                        | SE     | 4              | S                               | bc       | 4           | -                                   | 55             | 46   | bc       | bc         | bc     | Hours.                                  |
| Deerness ...           | 1011.5                                | 53    | E      | 2              | o        | 1010.8                                | -                        | 53           | 0                         | SE     | 4              | -                               | odm      | 3           | 2                                   | 58             | 52   | bc.c.o   | bc.c.o     | odm    | 66                                      |
| Stornoway ...          | 1009.7                                | 56    | SE     | 3              | o        | 1011.7                                | +5                       | 55           | +4                        | W      | 4              | -                               | cg       | 4           | 0.2                                 | 60             | 51   | bc       | bc         | odm    | 37                                      |
| Castlebay (Barra Isd.) | 1008.2                                | 56    | SE     | 4              | opm      | 1014.2                                | +4                       | 56           | +4                        | WSW    | 3              | SW                              | cm       | 3           | 1                                   | 59             | 51   | bc       | bc         | radom  | 3.2                                     |
| Glasgow ...            | 1011.5                                | 56    | SSW    | 1              | odm      | 1016.0                                | +3                       | 58           | +3                        | W      | 2              | -                               | o        | 2           | 2                                   | 64             | 51   | og       | ac. odm    | odm    | 0.4                                     |
| Eskdalemuir ...        | 1012.1                                | 55    | SSW    | 2              | odm      | 1016.9                                | +4                       | 55           | +9                        | WSW    | 3              | -                               | o        | 2           | 2                                   | 61             | 46   | bc.c.o   | bc.c.o     | odm    | 3.5                                     |
| Malin Head ...         | 1009.2                                | 56    | SW     | 4              | odm      | 1015.9                                | +2                       | 55           | +3                        | W      | 3              | SW                              | bc       | 3           | 1                                   | 58             | 51   | cg       | odm        | cg     | 0.0                                     |
| Blackod Point ...      | 1011.8                                | 59    | WSW    | 3              | bc       | 1016.4                                | +1                       | 56           | -1                        | SE     | 3              | SE                              | bc       | 3           | 1                                   | 60             | 52   | odm      | bc         | bc     | 0.0                                     |
| Valencia ...           | 1015.1                                | 61    | WSW    | 2              | c        | 1016.2                                | 0                        | 61           | +1                        | SE     | 1              | -                               | bc       | 4           | 0.3                                 | 63             | 50   | bc.c.o   | bc.c.o     | bc.c.o | 0.3                                     |
| Roche's Point ...      | 1015.1                                | 63    | SW     | 2              | c        | 1019.2                                | +                        | 59           | -3                        | SE     | 3              | -                               | o        | 3           | 1                                   | 66             | 50   | bc       | bc         | bc     | 0.0                                     |
| Birr Castle ...        | 1013.6                                | 59    | W      | 1              | o        | 1018.3                                | +                        | 52           | -3                        | SE     | 1              | -                               | bc       | 2           | 0.4                                 | 63             | 51   | bc.c.o   | bc         | bc     | 1.4                                     |
| Donaghadee ...         | 1010.2                                | 60    | SSW    | 2              | odm      | 1017.4                                | +3                       | 52           | +1                        | W      | 3              | W                               | bc       | 2           | 1                                   | 61             | 50   | odm      | odm        | ogbc   | 0.0                                     |
| Liverpool (Bldston)    | 1012.5                                | 58    | SE     | 2              | o        | 1019.1                                | +3                       | 57           | +3                        | WSW    | 2              | -                               | o        | 2           | 1                                   | 60             | 54   | od       | o          | od     | 0.1                                     |
| Holyhead ...           | 1012.3                                | 61    | WSW    | 3              | cmg      | 1018.9                                | +3                       | 58           | +2                        | WSW    | 2              | SW                              | o        | 1           | 3                                   | 65             | 55   | odm      | odm        | odm    | 0.1                                     |
| Pembroke (St. Ann's)   | 1013.7                                | 60    | W      | 4              | bc       | 1020.3                                | +2                       | 57           | +2                        | SE     | 2              | -                               | o        | 4           | 3                                   | 64             | 54   | ogbc     | bc         | bc     | 4.0                                     |
| Scilly (St. Mary's)    | 1016.7                                | 61    | WSW    | 3              | om       | 1020.4                                | +1                       | 61           | +2                        | WSW    | 4              | -                               | bc       | 4           | 3                                   | 63             | 58   | odm      | om         | bc     | 0.0                                     |
| Falmouth ...           | 1016.6                                | 63    | SW     | 3              | om       | 1020.8                                | +3                       | 62           | +5                        | SW     | 3              | -                               | odm      | 3           | 5                                   | 64             | 57   | omcg     | odm        | bc     | 0.6                                     |
| Jersey (St. Aubin)     | 1019.5                                | 60    | SW     | 2              | ogp      | 1022.8                                | +                        | 62           | +3                        | WSW    | 4              | -                               | odm      | 3           | 2                                   | 66             | 58   | ogc.o    | bc.c.o     | odm    | 0.5                                     |
| Portland Bill ...      | 1015.8                                | 61    | SW     | 5              | o        | 1020.7                                | +3                       | 60           | +2                        | WSW    | 2              | -                               | o        | 2           | 1                                   | 61             | 57   | bc       | bc         | bc     | 0.0                                     |
| Dungeness ...          | 1016.8                                | 58    | SW     | 4              | bc       | 1020.2                                | +3                       | 56           | +1                        | W      | 2              | W                               | c        | 2           | 1                                   | 63             | 54   | bc.c.o   | bc.c.o     | bc.c   | 0.0                                     |
| Dover ...              | 1017.3                                | 57    | SSW    | 4              | bc       | 1020.4                                | +6                       | 63           | +9                        | WSW    | 4              | WSW                             | c        | 2           | 1                                   | 63             | 53   | bc       | bc.c.o     | odm    | 1.3                                     |
| Wick ...               | 1009.2                                | 54    | -      | 0              | bc       | 1011.1                                | 0                        | 55           | +6                        | WSW    | 1              | -                               | o        | 3           | 1                                   | 58             | 48   | om       | bc         | bc     | 0.0                                     |
| Nairn ...              | 1010.1                                | 56    | E      | 1              | c        | 1011.9                                | +                        | 57           | +9                        | WSW    | 3              | -                               | bc       | 2           | -                                   | 61             | 46   | bc.c.o   | bc.c       | bc     | 6.1                                     |
| Aberdeen ...           | 1011.5                                | 55    | S      | 2              | bc       | 1012.8                                | +1                       | 56           | +9                        | SSW    | 2              | -                               | o        | 2           | -                                   | 63             | 46   | bc.c.o   | bc.c.o     | bc.c   | 9.2                                     |
| Leith ...              | 1010.6                                | 60    | ESE    | 1              | o        | 1015.2                                | +4                       | 58           | +6                        | WSW    | 3              | W                               | cg       | 2           | -                                   | 65             | 52   | bc.c.o   | bc.c       | bc     | 0.0                                     |
| Tynemouth ...          | 1012.1                                | 57    | SE     | 3              | bc       | 1016.1                                | +3                       | 56           | +4                        | W      | 1              | W                               | bc       | 2           | -                                   | 64             | 52   | bc       | bc         | bc     | 0.0                                     |
| Spurn Head ...         | 1014.2                                | 60    | WSW    | 4              | og       | 1018.1                                | +3                       | 58           | -1                        | WSW    | 2              | -                               | f        | 4           | -                                   | 65             | 53   | bc       | bc         | bc     | 5.8                                     |
| Yarmouth ...           | 1015.1                                | 61    | W      | 2              | c        | 1018.1                                | +3                       | 58           | +6                        | WSW    | 1              | -                               | om       | 1           | -                                   | 65             | 51   | bc.c.o   | c          | c.o    | 6.8                                     |
| Clacton-on-Sea ...     | 1016.1                                | 60    | WSW    | 3              | o        | 1019.4                                | +4                       | 59           | +4                        | W      | 2              | W                               | o        | 1           | -                                   | 64             | 54   | bc.c.o   | o          | o      | 4.0                                     |
| Nottingham ...         | 1013.6                                | 57    | S      | 1              | bc       | 1019.1                                | +                        | 55           | +6                        | W      | 1              | -                               | m        | 1           | 1                                   | 60             | 49   | bc.c.o   | bc.c.o     | bc.c   | 0.5                                     |
| Bath ...               | 1014.4                                | 63    | SW     | 2              | o        | 1020.3                                | +                        | 58           | +3                        | WSW    | -              | -                               | m        | 1           | 1                                   | 65             | 54   | bc.c.o   | bc.c.o     | bc.c   | 0.6                                     |
| St. Farnborough ...    | 1015.6                                | 58    | SW     | 3              | o        | 1020.2                                | +5                       | 54           | 0                         | -      | 0              | -                               | bc       | 2           | 0.4                                 | 63             | 50   | bc       | bc         | bc     | 0.1                                     |
| London (Kew Obsy.)     | 1015.9                                | 58    | SSW    | 3              | od       | 1020.6                                | +4                       | 57           | +2                        | SW     | 1              | -                               | bc       | 1           | 1                                   | 63             | 55   | od       | od         | od     | 0.1                                     |
| Spitsbergen ...        | 1022.7                                | 39    | NE     | 4              | o        | 1021.2                                | 0                        | 34           | -5                        | SE     | 2              | -                               | o        | 3           | -                                   | 39             | 34   | bc       | bc         | bc     | 0.0                                     |
| Vardö ...              | 1012.7                                | 43    | ESE    | 2              | c        | 1013.5                                | 0                        | 45           | +2                        | SE     | 2              | -                               | o        | 3           | -                                   | 45             | 36   | bc       | bc         | bc     | 0.0                                     |
| Bodö ...               | 1011.0                                | 39    | NW     | 1              | c        | 1012.8                                | +2                       | 39           | +2                        | E      | 1              | -                               | bc       | 1           | -                                   | 46             | 34   | bc       | bc         | bc     | 0.0                                     |
| Christiansund ...      | 1010.9                                | 48    | NE     | 3              | bc       | 1015.4                                | +2                       | 45           | -1                        | NE     | 1              | -                               | c        | 2           | 1                                   | 50             | 43   | bc       | bc         | bc     | 0.0                                     |
| Skudesnaes ...         | 1010.7                                | 55    | NW     | 2              | o        | 1014.4                                | +2                       | 50           | -5                        | N      | 3              | -                               | bc       | 2           | -                                   | 55             | 46   | bc       | bc         | bc     | 0.0                                     |
| Færder (X'ania Fjord)  | 1005.0                                | 59    | N      | 1              | bc       | 1011.1                                | +5                       | 57           | -2                        | N      | 3              | NW                              | bc       | 1           | -                                   | 61             | 54   | bc       | bc         | bc     | 0.0                                     |
| The Scaw (Skagen)      | 1004.6                                | 57    | WSW    | 3              | c        | 1010.4                                | +3                       | 59           | +2                        | NNW    | 3              | NW                              | bc       | 3           | -                                   | 64             | 50   | bc       | bc         | bc     | 0.0                                     |
| Blaavands Huk ...      | 1010.3                                | 57    | NNW    | 2              | bc       | 1015.4                                | +2                       | 57           | -2                        | NNW    | 4              | -                               | bc       | 3           | 5                                   | 61             | 54   | bc       | bc         | bc     | 0.0                                     |
| Haparanda ...          | 1009.9                                | 37    | N      | 2              | bc       | 1014.1                                | +1                       | 32           | -7                        | N      | 2              | -                               | f        | 1           | brace                               | 45             | 27   | bc       | bc         | bc     | 0.0                                     |
| Hernösand ...          | 1008.8                                | 46    | N      | 2              | bc       | 1012.2                                | +3                       | 48           | 0                         | N      | 2              | -                               | o        | 2           | 2                                   | 50             | 46   | bc       | bc         | bc     | 0.0                                     |
| Stockholm ...          | 1005.9                                | 59    | SE     | 2              | o        | 1007.1                                | +2                       | 54           | -3                        | NNW    | 2              | -                               | o        | 2           | -                                   | 66             | 52   | bc       | bc         | bc     | 0.0                                     |
| Wisby ...              | 1006.9                                | 59    | SSW    | 2              | bc       | 1008.2                                | +3                       | 57           | -2                        | SW     | 2              | -                               | o        | 2           | -                                   | 66             | 54   | bc       | bc         | bc     | 0.0                                     |
| Karlstad ...           | 1005.1                                | 57    | -      | 0              | o        | 1009.9                                | +6                       | 55           | -2                        | N      | 2              | -                               | c        | 2           | -                                   | 64             | 50   | bc       | bc         | bc     | 0.0                                     |
| Petrograd (9 a.m.)     | 1015.1                                | 61    | W      | 4              | c        | 1018.9                                | +1                       | 57           | -4                        | S      | 2              | -                               | c        | 2           | -                                   | 63             | 52   | bc       | bc         | bc     | 0.0                                     |
| The Helder ...         | 1017.6                                | 58    | SW     | 5              | bc       | 1019.9                                | +3                       | 59           | +1                        | W      | 4              | -                               | c        | 3           | 2                                   | 63             | 57   | bc       | bc         | bc     | 0.0                                     |
| C. Gris Nez ...        | 1019.4                                | 56    | SSW    | 4              | o        | 1021.5                                | +                        | 57           | +2                        | NNW    | 3              | -                               | f        | 2           | 4                                   | 64             | 54   | bc       | bc         | bc     | 0.0                                     |
| La Hève ...            | 1019.8                                | 62    | SW     | 4              | o        | 1023.8                                | +                        | 62           | +3                        | SW     | 4              | -                               | o        | 5           | -                                   | 68             | 57   | bc       | bc         | bc     | 0.0                                     |
| Ushant ...             | 1019.8                                | 62    | SW     | 4              | o        | 1023.8                                | +                        | 62           | +3                        | SW     | 4              | -                               | o        | 5           | -                                   | 68             | 57   | bc       | bc         | bc     | 0.0                                     |
| Brest (St. Mathieu)    | 1020.7                                | 62    | SW     | 3              | o        | 1024.3                                | +3                       | 61           | +2                        | SW     | 3              | -                               | f        | 5           | 1                                   | 66             | 59   | bc       | bc         | bc     | 0.0                                     |
| Rochefort (Ile d'Aix)  | 1021.9                                | 64    | NNW    | 3              | bc       | 1025.6                                | +3                       | 66           | +5                        | SE     | 1              | -                               | bc       | 2           | -                                   | 72             | 57   | bc       | bc         | bc     | 0.0                                     |
| Biarritz ...           | 1021.3                                | 68    | N      | 1              | bc       | 1025.2                                | +1                       | 61           | -3                        | ESE    | 2              | -                               | m        | 2           | -                                   | 77             | 59   | bc       | bc         | bc     | 0.0                                     |
| Paris ...              | 1019.4                                | 61    | VNE    | 1              | c        | 1022.6                                | +2                       | 59           | +2                        | SSW    | 1              | -                               | c        | 2           | brace                               | 68             | 55   | bc       | bc         | bc     | 0.0                                     |
| Belfort ...            | 1019.7                                | 58    | W      | 2              | bc       | 1025.5                                | +                        | 55           | -1                        | ?      | ?              | -                               | m        | 1           | 11                                  | 70             | 54   | bc       | bc         | bc     | 0.0                                     |
| Lyons ...              | 1025.1                                | 64    | W      | 2              | o        | 1025.6                                | +                        | 62           | +5                        | -      | 0              | -                               | o        | 1           | 1                                   | 77             | 59   | bc       | bc         | bc     | 0.0                                     |
| Nice ...               | 1018.1                                | 63    | S      | 1              | c        | 1018.9                                | +2                       | 63           | -1                        | -      | 0              | -                               | bc       | 0           | -                                   | 75             | 55   | bc       | bc         | bc     | 0.0                                     |
| Perpignan ...          | 1019.7                                | 66    | -      | 0              | bc       | 1023.1                                | +3                       | 68           | +11                       | W      | 1              | NW                              | bc       | 2           | -                                   | 81             | 61   | bc       | bc         | bc     | 0.0                                     |
| Sanguinaire ...        | 1019.7                                | 70    | W      | 2              | bc       | 1023.1                                | +                        | 67           | -1                        | E      | 2              | -                               | bc       | 3           | -                                   | 82             | 61   | bc       | bc         | bc     | 0.0                                     |
| Corunna (7 a.m.)       | 1022.0                                | 64    | N      | 3              | bc       | 1024.8                                | +2                       | 59           | +2                        | E      | 1              | -                               | m        | 1           | -                                   | 66             | 54   | bc       | bc         | bc     | 0.0                                     |
| Madrid (8 a.m.)        | 1019.7                                | 43    | -      | 0              | bc       | 1023.3                                | +3                       | 63           | +2                        | -      | 0              | -                               | bc       | 2           | -                                   | 75             | 57   | bc       | bc         | bc     | 0.0                                     |
| Lisbon (9 a.m.)        | 1018.4                                | 77    | NW     | 4              | bc       | 1022.0                                | 0                        | 66           | +2                        | N      | 2              | -                               | bc       | 5           | -                                   | 84             | 66   | bc       | bc         | bc     | 0.0                                     |
| Gibraltar ...          | 1021.0                                | 71    | E      | 5              | c        | 1021.3                                | +                        | 70           | 0                         | SE     | 4              | -                               | c        | 2           | -                                   | 75             | 69   | bc       | bc         | bc     | 0.0                                     |
| Rome ...               | 1021.0                                | 71    | E      | 5              | c        | 1021.0                                | +1                       | 70           | +4                        | -      | 0              | N                               | bc       | 0           | -                                   | 73             | 66   | bc       | bc         | bc     | 0.0                                     |
| Malta (8 a.m.)         | 1017.5                                | 73    | N      | 2              | bc       | 1021.5                                | +3                       | 77           | +8                        | NE     | 2              | N                               | bc       | 2           | -                                   | 77             | 68   | bc       | bc         | bc     | 0.0                                     |
| Azores (Horta, 8 a.m.) | 1                                     |       |        |                |          |                                       |                          |              |                           |        |                |                                 |          |             |                                     |                |      |          |            |        |   |

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.62    |
| 17  | 0.67    | 42  | 1.66    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |
| 21  | 0.83    | 46  | 1.81    |
| 22  | 0.87    | 47  | 1.85    |
| 23  | 0.91    | 48  | 1.89    |
| 24  | 0.95    | 49  | 1.93    |
| 25  | 0.98    | 50  | 1.97    |





FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

FORECAST DISTRICTS:



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

No Warnings Issued.

Western Channel and Bay

FURTHER OUTLOOK.

R. G. K. LEMPFERT, Superintendent, Forecast Division.

W. NAPIER SHAW, Director

Light Westerly breezes, backing Southerly or South-Easterly later and freshening somewhat; fair or fine, with local mist at first, some rain later: moderate temperature.

Freshening South-Easterly breezes; cloudy to dull and misty, some rain; moderate temperature.

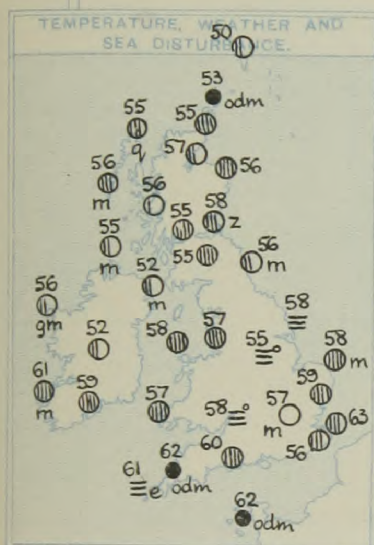
Light to moderate South-Westerly breezes; sea moderate; fair to dull, some mist and showers; moderate temperature.



# SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 15th SEPTEMBER, 1915.

## GENERAL INFERENCE.

There are indications of a new depression to the south-westward, so that the conditions are likely to remain of an unstable character.



## 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 1/4 clouded. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.

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

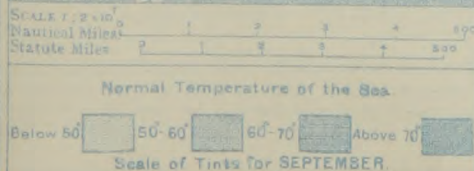
⚡, thunderstorm.

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

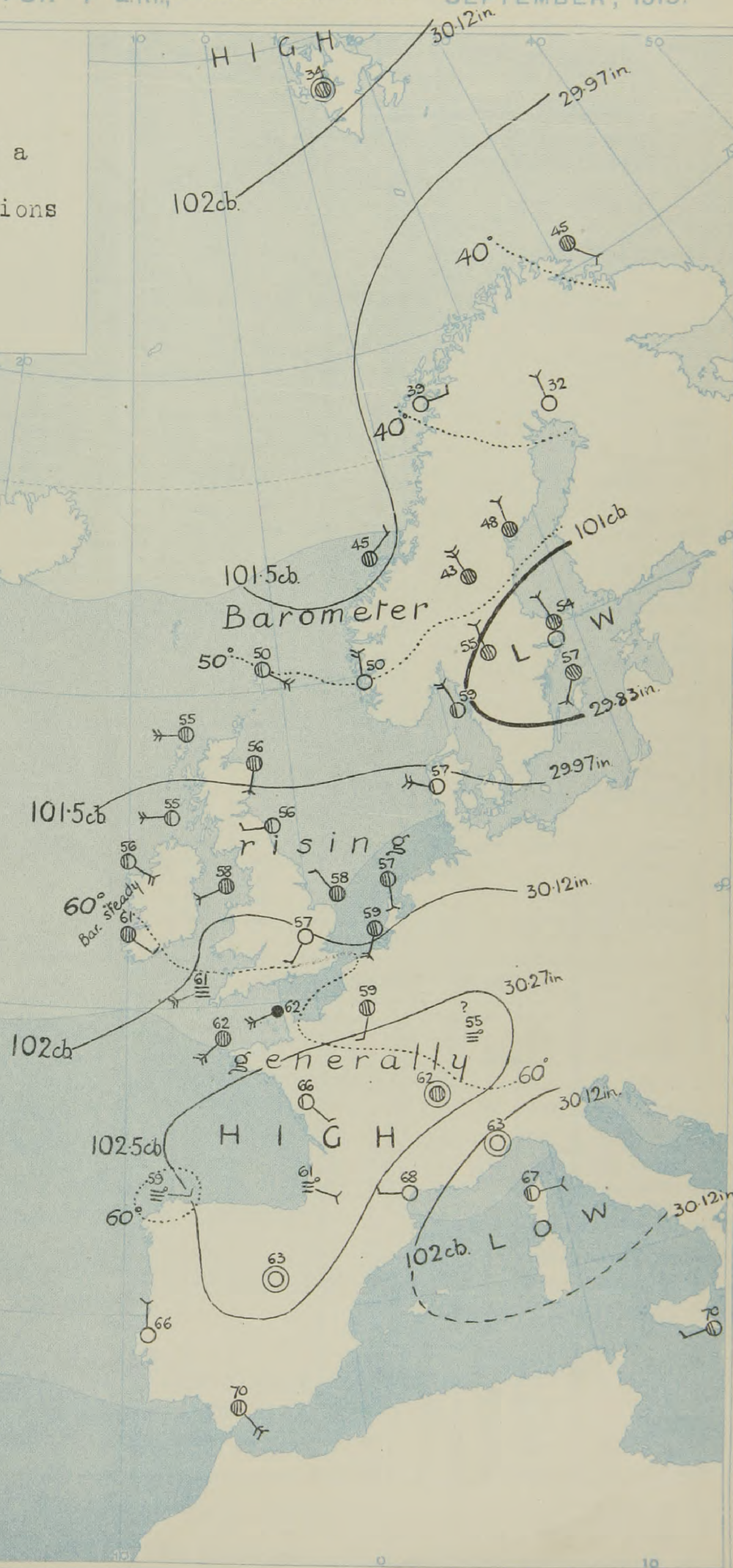
Inches  
31

30

29



77





# DAILY WEATHER REPORT.

Wednesday, 15th September, 1915.

| REPORTS<br>FOR<br>YESTERDAY. | STATIONS. | EVENING OBSERVATIONS.                 |                   |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |                          |                                       |        |                |                                 |          |             |      | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |  |
|------------------------------|-----------|---------------------------------------|-------------------|--------|----------------|----------|--------------------------------|--------------------------|--------------------------|---------------------------------------|--------|----------------|---------------------------------|----------|-------------|------|-------------------------------------|-------|--|
|                              |           | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br><br>° F. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.                    |                                       | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                                     | Min.  |  |
|                              |           |                                       |                   | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb.<br><br>° F. | Change<br>in 24<br>hours.<br><br>° F. | Direc. | Force<br>0-12. |                                 |          |             |      |                                     |       |  |
|                              |           |                                       |                   |        |                |          |                                |                          |                          |                                       |        |                |                                 |          |             |      |                                     |       |  |
|                              |           |                                       |                   |        |                |          |                                |                          |                          |                                       |        |                |                                 |          |             |      |                                     |       |  |
| Petrograd.                   | 1011.0    | 57                                    | Sw                | 3      | b              | 1011.1   | 0                              | 54                       | +8                       | Sw                                    | 3      | -              | 0                               | 7        | -           | 63   | 46                                  |       |  |
| 14th September               |           |                                       |                   |        |                |          |                                |                          |                          |                                       |        |                |                                 |          |             |      |                                     |       |  |

14th September

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm. & . | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm. & . | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|---------------------|----------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|----------------------|--------------|------|-----------|------------|--------------------------------------|
|                     |                      | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                      | Max.         | Min. | Forenoon. | Afternoon. |                                      |
|                     |                      | ° F.         | ° F. |           |            |                                      |                       |                      | ° F.         | ° F. |           |            |                                      |
| Scotland.           |                      |              |      |           |            |                                      | Tunbridge Wells ...   | 1                    | 62           | 52   | o.c       | od         | 0.3                                  |
| Oban ...            | 4                    | 62           | 45   | bc        | bc.c.o     | 1.0                                  | Margate ...           | -                    | 64           | 57   | o         | o.c.o      | 0.2                                  |
| Banff ...           | -                    | 59           | 44   | b         | b          | 8.8                                  | Ramsgate ...          | -                    | 64           | 54   | o.c       | c.o        | 0.0                                  |
| Carnoustie ...      | -                    | 65           | 43   | bc.c      | c.o.b      | 9.7                                  | Hastings ...          | 3                    | 62           | 53   | or.c      | o          | 0.1                                  |
| St. Andrews ...     | -                    | 65           | 45   | *         | *          | 8.2                                  | Bexhill-on-Sea ...    | -                    | 62           | 53   | or.c      | o          | 0.1                                  |
| England, N.E.       |                      |              |      |           |            |                                      | Eastbourne ...        | 1                    | 62           | 54   | or.o      | od         | 0.0                                  |
| Harrogate ...       | -                    | 62           | 48   | bc        | c.o        | 4.4                                  | Seaford ...           | 2                    | 62           | 54   | c         | o          | 0.7                                  |
| Skegness ...        | -                    | 64           | 46   | b.bc.o    | og         | 5.4                                  | Brighton ...          | 2                    | 62           | 55   | or.o.c    | o.or       | 0.3                                  |
| England, N.W.       |                      |              |      |           |            |                                      | Worthing ...          | 1                    | 62           | 54   | o.c       | or         | 0.6                                  |
| Morecambe ...       | 0.3                  | 61           | 56   | bc.o      | od         | 1.5                                  | Littlehampton ...     | 4                    | 62           | 56   | o         | od         | 0.5                                  |
| Blackpool ...       | 0.1                  | 60           | 56   | o         | od         | 0.2                                  | Bognor ...            | 2                    | 63           | 54   | d.c       | cd         | 0.7                                  |
| Southport ...       | 1                    | 59           | 56   | o         | or.d.o     | 0.2                                  | Southsea ...          | 4                    | 64           | 55   | bc        | or         | 0.7                                  |
| Midlands.           |                      |              |      |           |            |                                      | Bournemouth ...       | 4                    | 61           | 53   | o         | o          | 0.0                                  |
| Buxton ...          | 1                    | 57           | 49   | bc.r      | ct         | 0.8                                  | Weymouth ...          | 2                    | 62           | 56   | op        | p.o.cm     | 0.0                                  |
| Leamington Spa ...  | 1                    | 58           | 46   | od.r      | o          | 0.0                                  | Torquay ...           | 1                    | 65           | 54   | d.o       | d.o.c.bc   | 0.2                                  |
| Malvern ...         | 2                    | 59           | 51   | d         | d.o.c      | 0.0                                  | Paignton ...          | 2                    | 64           | 54   | o.d       | c          | 0.3                                  |
| Ross-on-Wye ...     | 3                    | 63           | 45   | or        | c.bc       | 0.1                                  | Falmouth ...          | 4                    | 64           | 54   | or.g      | cm.d.c.b   | 0.6                                  |
| Wales.              |                      |              |      |           |            |                                      | Penzance ...          | 3                    | 66           | 55   | our       | or.c.o     | 0.3                                  |
| Rhyl ...            | 1                    | 63           | 48   | o         | od.c       | 0.3                                  | Newquay ...           | 2                    | 63           | 53   | od        | o.c.o      | 0.1                                  |
| Colwyn Bay ...      | -                    | 66           | 53   | c         | bc.o       | 1.0                                  | Ilfracombe ...        | 7                    | 65           | 55   | r.d.o     | o.cm       | 0.6                                  |
| Llandudno ...       | -                    | 66           | 54   | bc        | bc         | 2.9                                  | Weston-super-Mare ... | -                    | -            | -    | -         | -          | -                                    |
| Aberystwyth ...     | 5                    | 64           | 53   | bc        | bc         | 0.5                                  |                       |                      |              |      |           |            |                                      |
| Tenby ...           | 8                    | 66           | 54   | bc        | bc         | 2.9                                  |                       |                      |              |      |           |            |                                      |
| England, E.         |                      |              |      |           |            |                                      |                       |                      |              |      |           |            |                                      |
| Cromer ...          | -                    | 66           | 49   | b.bc      | o          | 6.3                                  |                       |                      |              |      |           |            |                                      |
| Lowestoft ...       | 3                    | 68           | 49   | b.bc      | bc.c.op    | 7.0                                  |                       |                      |              |      |           |            |                                      |
| Felixstowe ...      | 0.2                  | 65           | 51   | bc        | cp         | 5.0                                  |                       |                      |              |      |           |            |                                      |
| Walton-on-Naze ...  | -                    | 63           | 50   | bc        | c.g.u      | 4.4                                  |                       |                      |              |      |           |            |                                      |
| Southend-on-Sea ... | -                    | 64           | 52   | c.o       | od         | 0.1                                  |                       |                      |              |      |           |            |                                      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |         |                                   | Rain-<br>fall. | WEATHER.                      |                 |          |
|--|---------------------------|-----------------------|---|--|---------|-----------------------------------|----------------|-------------------------------|-----------------|----------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |         | Min. on<br>Grass.                 |                | Fore-<br>noon.                | After-<br>noon. | Night.   |
|  |                           |                       |   | Max.   | Min.    |                                   |                |                               |                 |          |
|  |                           |                       |   |  |         |                                   |                |                               |                 |          |
|  |                           |                       |   |  |         |                                   |                |                               |                 |          |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |  |         |                                   |                |                               |                 |          |
| Greenwich (Royal Obs.) ...   | % 68                      | % 69                  | Hr. 0.1                                 | ° F. 64  | ° F. 55 | ° F. 52                           | min. 4         | o. c                          | bc. c           | or. o. b |
| City (Bunhill Row) ...   | *                         | *                     | 0.1                                     | *  | *       | *                                 | *              | *                             | *               | *        |
| Westminster (St. James's Pk.)  | 70                        | 70                    | 0.2                                     | 64   | 56      | 53                                | 1              | oe                            | one             | ur. b    |
| Camden Sq. (Brit. Rainfall)  | 67                        | 69                    | 0.0                                     | 65   | 56      | 53                                | 1              | o                             | o               | *        |
| Hampstead (Reservoir) ...  | *                         | 67                    | 0.3                                     | 63   | 55      | 46                                | 2              | or                            | bc              | b        |
| Richmond Park  | *                         | *                     | 0.2                                     | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |         |                                   |                |                               |                 |          |
| Kew. (See front page.)   |                           |                       |   |  |         |                                   |                |                               |                 |          |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   |  |         |                                   |                |                               |                 |          |
| S. Kensington (Roof of M.O.)   | 72                        | 69                    | 0.4                                     | Total.<br>570 Joules   |         | Average Rate.<br>125 Milli.watts. |                | Max. Rate.<br>50 Milli.watts. |                 |          |

## Additional Observations for Yesterday.

| STATIONS.                                   | RAIN-<br>FALL. | TEMPERATURE. |      |                               | WEATHER. |                |                 | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---|----------------|--------------|------|-------------------------------|----------|----------------|-----------------|---|
|   |                | In Screen.   |      | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon. | After-<br>noon. |   |
|   |                | Max.         | Min. |                               |          |                |                 |   |
|   | mm. §          | ° F.         | ° F. | ° F.                          |          |                |                 | Hr.                                     |
| Dublin to 4 p.m.                            |                |              |      |                               |          |                |                 | *                                       |
| Darwen to 9 p.m.                            |                |              |      |                               |          |                |                 |   |
| Manchester "                                |                |              |      | *                             |          |                |                 |   |
| Birmingham "                                | 1              | 57           | 50   | 41                            |          | o              | bc. o           | 0.0                                     |
| Oxford to 8 p.m.                            | *              | 60           | 50   | 44                            | bc. o    | o. op          | or. o           | *                                       |
| Teignmouth to 9,,                           | 1              | 68           | 55   | 53                            | bc. or   | or. c          | c. bc           | 1.2                                     |
| Plymouth "                                  |                |              |      |                               |          |                |                 |   |
| S. Kensington<br>(Museum Grounds to 6 p.m.) | 1              | 66           | 53   | 49                            | b. bc. c | o. oo          | o. od           | *                                       |

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

| 15th Sept., 1915. | Sunrise. | Noon.  | Sunset. |
|-------------------|----------|--------|---------|
|                   | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...      | 5.28     | 11.48  | 6.06    |
| Greenwich ...     | 5.36     | 11.55  | 6.15    |
| Wick ...          | 5.38     | 11.55  | 6.12    |
| Valencia ...      | 5.45     | 12.07  | 6.29    |
|                   | 5.16     | 12.36  | 6.57    |
|                   | 6.18     | 12.36  | 6.54    |

## NOTES ON YESTERDAY'S WEATHER.

Less settled generally, with light rain in most localities, and lower temperature than of late. As a rule there was very little or no sunshine, but a few eastern localities had fair records.

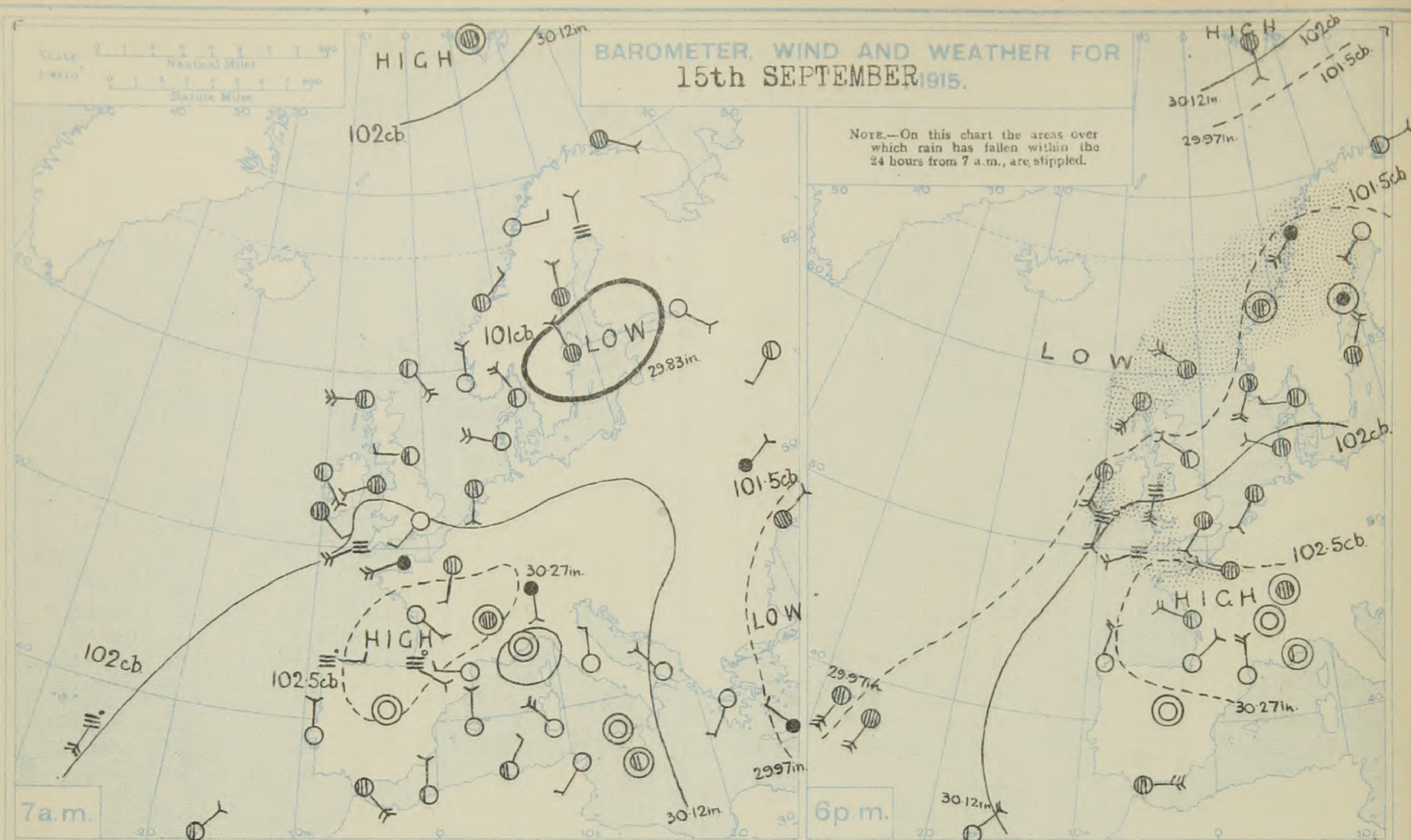
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies rd. at M.O. and at the bookstalls at certain Railway Termini in London.



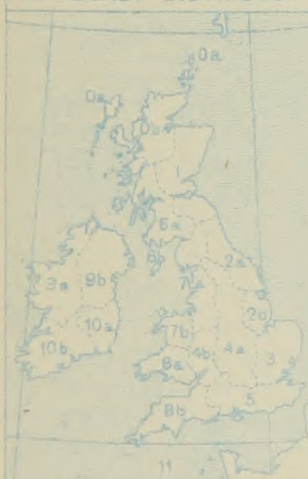
| STATIONS.              | YESTERDAY EVENING.                    |              |       |                |          | THIS MORNING 7 A.M., G.M.T.               |                          |                              |                           |                 |                |                                 |          |             |                                     | PAST 24 HOURS. |      |          |            |        | Sun-<br>shine<br>for<br>Yester-<br>day. |        |      |    |      |
|------------------------|---------------------------------------|--------------|-------|----------------|----------|---|--------------------------|------------------------------|---------------------------|-----------------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|------|----------|------------|--------|---|--------|------|----|------|
|                        | Barom.<br>Milli-<br>bars at<br>M.S.L. | Temp.<br>°F. | Wind. |                | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | Temp.<br>Dry<br>Bulb.<br>°F. | Change<br>in 24<br>hours. | Wind.<br>Direc. | Force<br>0-12. | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | Temp.          |      | Weather. |            |        |   |        |      |    |      |
|                        |                                       |              | Dir.  | Force<br>0-12. |          |   |                          |                              |                           |                 |                |                                 |          |             |                                     | Max.           | Min. | Morning. | Afternoon. | Night. |   |        |      |    |      |
|                        |                                       |              |       |                |          |   |                          |                              |                           |                 |                |                                 |          |             |                                     |                |      |          |            |        |   |        |      |    |      |
|                        |                                       |              |       |                |          |   |                          |                              |                           |                 |                |                                 |          |             |                                     |                |      |          |            |        |   | Hours. |      |    |      |
| Lerwick ...            | 1011.8                                | 53           | W     | 4              | om       | 1007.9                                    | 0                        | 53                           | +3                        | WSW             | 5              | -                               | om       | 4           | 4                                   | 55             | 49   | om       | from       | om     | *                                       |        |      |    |      |
| Deerness ...           | 1012.8                                | 57           | W     | 2              | c        | 1011.8                                    | +                        | 55                           | +2                        | SW              | 5              | -                               | c        | 4           | 1                                   | 59             | 53   | om       | c.c.       | 22     |   |        |      |    |      |
| Stornoway ...          | 1013.0                                | 58           | SW    | 5              | eg       | 1014.5                                    | +2                       | 57                           | +2                        | WSW             | 6              | -                               | deg      | 5           | 1                                   | 64             | 54   | c.deg    | deg        | 52     |   |        |      |    |      |
| Castlebay (Barra Isd.) | 1013.7                                | 57           | S     | 3              | og       | 1019.2                                    | +4                       | 58                           | +2                        | WSW             | 4              | -                               | c        | 4           | 0.3                                 | 59             | 50   | om       | om         | 30     |   |        |      |    |      |
| Glasgow ...            | 1017.6                                | 58           | SW    | 2              | o        | 1019.9                                    | +5                       | 56                           | +1                        | W               | 4              | -                               | c        | *           | -                                   | 64             | 55   | o.c      | c.c.c.o    | 4.4    |   |        |      |    |      |
| Eskdalemuir ...        | 1018.3                                | 55           | SSW   | 4              | o        | 1021.7                                    | +5                       | 54                           | -1                        | W               | 3              | -                               | c        | *           | 1                                   | 60             | 53   | o        | o.c.og     | 8.8    |   |        |      |    |      |
| Malin Head ...         | 1014.3                                | 61           | S     | 4              | og       | 1021.5                                    | +4                       | 57                           | +2                        | WSW             | 4              | -                               | deg      | 5           | -                                   | 65             | 53   | deg      | deg        | 6.2    |   |        |      |    |      |
| Blackod Point ...      | 1015.4                                | 60           | SSW   | 4              | om       | 1023.5                                    | +5                       | 57                           | +1                        | SSW             | 3              | SW                              | deg      | 3           | 0.4                                 | 62             | 55   | om       | om         | 6.6    |   |        |      |    |      |
| Valencia ...           | 1018.6                                | 64           | SSW   | 3              | m        | 1024.7                                    | +2                       | 62                           | +1                        | SE              | 1              | S                               | o        | 4           | 1                                   | 67             | 60   | om       | om         | 0.6    |   |        |      |    |      |
| Roche's Point ...      | 1020.3                                | 63           | SW    | 3              | o        | 1025.9                                    | *                        | 60                           | +1                        | SW              | 1              | -                               | o        | 2           | 1                                   | 64             | 59   | fd       | fd         | 0.9    |   |        |      |    |      |
| Birr Castle ...        | 1018.0                                | 66           | W     | 1              | o        | 1025.0                                    | *                        | 60                           | +8                        | W               | 1              | -                               | o        | *           | 0.2                                 | 71             | 51   | o        | o          | 0.9    |   |        |      |    |      |
| Donaghadee ...         | 1016.2                                | 60           | SSW   | 3              | om       | 1021.9                                    | +4                       | 57                           | +5                        | WSW             | 4              | W                               | deg      | 3           | -                                   | 65             | 52   | deg      | deg        | 3.4    |   |        |      |    |      |
| Liverpool (Bidston)    | 1018.9                                | 63           | S     | 1              | o        | 1023.4                                    | +3                       | 62                           | +5                        | WSW             | 4              | W                               | c        | 3           | -                                   | 64             | 57   | o        | c.c.       | 3.0    |   |        |      |    |      |
| Holyhead ...           | 1018.3                                | 61           | SSW   | 5              | fe       | 1024.3                                    | +4                       | 61                           | +3                        | W               | 3              | W                               | og       | 1           | 0.1                                 | 65             | 58   | o        | o.c.og     | 3.0    |   |        |      |    |      |
| Pembroke (St. Ann's)   | 1021.8                                | 60           | SW    | 4              | f        | 1026.3                                    | +8                       | 60                           | +3                        | SW              | 3              | -                               | deg      | 3           | 1                                   | 62             | 57   | o        | fd         | 0.0    |   |        |      |    |      |
| Scilly (St. Mary's)    | 1023.9                                | 62           | WSW   | 3              | fe       | 1026.7                                    | 0                        | 61                           | 0                         | SW              | 3              | -                               | fe       | 5           | 0.4                                 | 66             | 59   | fe       | om         | 0.4    |   |        |      |    |      |
| Falmouth ...           | 1024.6                                | 64           | WSW   | 4              | om       | 1027.4                                    | +2                       | 62                           | 0                         | SSW             | 1              | -                               | m        | 2           | 1                                   | 69             | 61   | om       | om         | 1.2    |   |        |      |    |      |
| Jersey (St. Aubin)     | 1026.1                                | 65           | W     | 3              | og       | 1029.3                                    | *                        | 64                           | +2                        | W               | 3              | -                               | o        | 3           | 0.1                                 | 69             | 62   | om       | o          | 0.0    |   |        |      |    |      |
| Portland Bill ...      | 1022.8                                | 62           | SW    | 4              | om       | 1026.6                                    | +2                       | 61                           | +1                        | WSW             | 3              | -                               | deg      | 3           | -                                   | 63             | 57   | om       | om         | 0.0    |   |        |      |    |      |
| Dungeness ...          | 1022.8                                | 62           | SW    | 3              | c        | 1025.3                                    | +1                       | 62                           | +6                        | SW              | 3              | SW                              | c        | 3           | -                                   | 70             | 56   | deg      | deg        | 0.0    |   |        |      |    |      |
| Dover ...              | 1023.3                                | 62           | SW    | 3              | deg      | 1025.7                                    | +2                       | 65                           | +2                        | WSW             | 2              | -                               | deg      | 3           | -                                   | 70             | 60   | c.c.og   | deg        | 9.1    |   |        |      |    |      |
| Wick ...               | 1013.5                                | 57           | SE    | 1              | c        | 1013.5                                    | +5                       | 55                           | 0                         | W               | 2              | W                               | deg      | 2           | -                                   | 60             | 53   | og       | deg        | 7.2    |   |        |      |    |      |
| Nairn ...              | 1018.9                                | 62           | W     | 1              | deg      | 1014.9                                    | *                        | 57                           | 0                         | W               | 4              | -                               | deg      | 3           | -                                   | 70             | 54   | og       | deg        | 7.8    |   |        |      |    |      |
| Aberdeen ...           | 1013.5                                | 61           | SE    | 2              | deg      | 1016.1                                    | +4                       | 58                           | +2                        | SW              | 2              | W                               | deg      | 2           | -                                   | 70             | 52   | c.c.og   | deg        | 7.8    |   |        |      |    |      |
| Leith ...              | 1015.9                                | 64           | WSW   | 2              | c        | 1019.4                                    | +6                       | 58                           | 0                         | WSW             | 3              | -                               | deg      | *           | -                                   | 66             | 56   | c.c.     | deg        | *      |   |        |      |    |      |
| Tynemouth ...          | 1017.4                                | 61           | NW    | 2              | deg      | 1020.5                                    | +4                       | 62                           | +6                        | WSW             | 1              | -                               | deg      | 2           | -                                   | 68             | 56   | deg      | deg        | *      |   |        |      |    |      |
| Spurn Head ...         | ?                                     | 63           | SW    | 1              | deg      | 1021.2                                    | +4                       | 64                           | +6                        | W               | 1              | -                               | o        | 3           | -                                   | 68             | 58   | fd       | deg        | 3.0    |   |        |      |    |      |
| Yarmouth ...           | 1020.7                                | 64           | W     | 2              | deg      | 1023.1                                    | +2                       | 65                           | +7                        | W               | 2              | W                               | c        | 2           | -                                   | 69             | 58   | om       | deg        | 1.8    |   |        |      |    |      |
| Clacton-on-Sea         | 1022.0                                | 64           | SW    | 2              | deg      | 1025.1                                    | +2                       | 66                           | +7                        | WSW             | 2              | NW                              | c        | 2           | -                                   | 70             | 58   | o.c.og   | deg        | 6.0    |   |        |      |    |      |
| Nottingham ...         | 1020.2                                | 65           | SW    | 1              | o        | 1023.5                                    | *                        | 65                           | +10                       | W               | 2              | W                               | om       | *           | -                                   | 70             | 55   | m.c.og   | deg        | 4.1    |   |        |      |    |      |
| Bath ...               | 1022.3                                | 66           | WSW   | -              | W        | 1026.1                                    | *                        | 64                           | +6                        | W               | 3              | W                               | o        | *           | 1                                   | 68             | 58   | m.o      | og         | 0.1    |   |        |      |    |      |
| St. Farnborough        | 1022.4                                | 66           | SW    | 2              | o        | 1025.4                                    | +2                       | 64                           | +10                       | W               | 2              | -                               | o        | *           | -                                   | 72             | 53   | deg      | o          | 6.3    |   |        |      |    |      |
| London (Kew Obs.)      | 1022.9                                | 67           | SW    | 2              | o        | 1025.7                                    | +1                       | 65                           | +8                        | SW              | 3              | -                               | o        | *           | -                                   | 70             | 56   | deg      | deg        | 7.1    |   |        |      |    |      |
| Spitsbergen ...        | 1020.8                                | 34           | S     | 2              | o        | 1018.1                                    | -1                       | 34                           | 0                         | S               | 2              | *                               | deg      | *           | *                                   | 37             | 34   |          |            |        |   |        |      |    |      |
| Vardö ...              | 1013.0                                | 43           | E     | 2              | deg      | 1011.4                                    | -2                       | 43                           | -2                        | NNW             | 1              | -                               | deg      | 2           | *                                   | 45             | 34   |          |            |        |   |        |      |    |      |
| Bodö ...               | 1015.7                                | 39           | SW    | 4              | W        | 1011.4                                    | -3                       | 41                           | +2                        | E               | 2              | -                               | c        | 2           | 5                                   | 45             | 36   |          |            |        |   |        |      |    |      |
| Christiansund          | 1016.7                                | 48           | -     | 0              | c        | 1007.5                                    | -6                       | 46                           | +1                        | SE              | 1              | -                               | deg      | 1           | 4                                   | 48             | 45   |          |            |        |   |        |      |    |      |
| Skudenesnaes           | 1016.2                                | 54           | SW    | 4              | o        | 1011.8                                    | -3                       | 57                           | +7                        | SW              | 4              | -                               | deg      | 2           | -                                   | 57             | 48   |          |            |        |   |        |      |    |      |
| Færder (X'iania Fjord) | 1015.8                                | 55           | SSW   | 2              | c        | 1012.0                                    | -4                       | 59                           | +2                        | WSW             | 6              | -                               | o        | 3           | -                                   | 57             | 54   |          |            |        |   |        |      |    |      |
| The Scau (Skagen)      | 1016.7                                | 55           | W     | 1              | c        | 1016.5                                    | -1                       | 57                           | -2                        | SW              | 3              | -                               | m        | 3           | -                                   | 63             | 50   |          |            |        |   |        |      |    |      |
| Blaavands Huk          | 1020.2                                | 57           | NNW   | 2              | o        | 1019.4                                    | 0                        | 61                           | +4                        | WSW             | 3              | -                               | o        | 3           | -                                   | 63             | 55   |          |            |        |   |        |      |    |      |
| Haparanda ...          | 1015.3                                | 39           | SW    | 2              | deg      | 1013.1                                    | -2                       | 41                           | +9                        | SE              | 2              | -                               | deg      | *           | 1                                   | 46             | 32   |          |            |        |   |        |      |    |      |
| Hernösand ...          | 1016.8                                | 48           | -     | 0              | W        | 1013.7                                    | -3                       | 46                           | -2                        | -               | 0              | -                               | deg      | *           | trace                               | 52             | 48   |          |            |        |   |        |      |    |      |
| Stockholm ...          | 1015.8                                | 50           | NNE   | 4              | o        | 1016.6                                    | -2                       | 48                           | -6                        | SSW             | 2              | -                               | o        | *           | -                                   | 57             | 45   |          |            |        |   |        |      |    |      |
| Wishy ...              | 1015.5                                | 55           | NNW   | 2              | o        | 1018.7                                    | 0                        | 54                           | -3                        | SW              | 2              | -                               | c        | *           | -                                   | 57             | 48   |          |            |        |   |        |      |    |      |
| Karlstad ...           | 1016.0                                | 54           | -     | 0              | deg      | 1013.0                                    | -3                       | 55                           | 0                         | S               | 2              | -                               | o        | *           | -                                   | 57             | 50   |          |            |        |   |        |      |    |      |
| Petrograd (S. E. T.)   |                                       |              |       |                |          |   |                          |                              |                           |                 |                |                                 |          |             |                                     |                |      |          |            |        |   |        |      |    |      |
| The Helder ...         | 1022.1                                | 61           | SW    | 2              | c        | 1023.0                                    | 0                        | 63                           | +6                        | SW              | 3              | -                               | c        | 2           | trace                               | 64             | 55   |          |            |        |   |        |      |    |      |
| C. Gris Nez ...        | 1023.3                                | 61           | SW    | 4              | deg      | 1026.4                                    | +2                       | 62                           | +3                        | SW              | 3              | *                               | o        | 3           | -                                   | 66             | 59   |          |            |        |   |        |      |    |      |
| La Hève ...            | 1025.5                                | 61           | W     | 2              | o        | 1029.0                                    | *                        | 63                           | +6                        | NNW             | 3              | *                               | c        | 3           | 4                                   | 63             | 55   |          |            |        |   |        |      |    |      |
| Ushant ...             | 1026.9                                | 63           | SW    | 3              | deg      | 1028.8                                    | *                        | 59                           | -3                        | SW              | 3              | *                               | m        | 5           | -                                   | 66             | 55   |          |            |        |   |        |      |    |      |
| Brest (St. Mathieu)    | 1027.1                                | 63           | SW    | 3              | c        | 1030.4                                    | +2                       | 61                           | 0                         | ESE             | 1              | *                               | m        | 5           | -                                   | 66             | 59   |          |            |        |   |        |      |    |      |
| Rochefort (Ile d'Aix)  | 1027.4                                | 64           | NW    | 3              | deg      | 1029.2                                    | +3                       | 66                           | 0                         | E               | 3              | *                               | deg      | *           | -                                   | 75             | 59   |          |            |        |   |        |      |    |      |
| Biarritz ...           | 1026.0                                | 68           | NE    | 2              | deg      | 1027.1                                    | 0                        | 60                           | -1                        | ENE             | 2              | *                               | deg      | 3           | -                                   | 75             | 59   |          |            |        |   |        |      |    |      |
| Paris ...              | 1025.1                                | 66           | NNW   | 2              | o        | 1029.0                                    | +2                       | 63                           | +4                        | -               | 0              | *                               | o        | *           | 1                                   | 70             | 59   |          |            |        |   |        |      |    |      |
| Belfort ...            | 1026.3                                | 59           | -     | 0              | o        | 1029.2                                    | *                        | 55                           | 0                         | WSW             | 2              | *                               | deg      | *           | -                                   | 66             | 55   |          |            |        |   |        |      |    |      |
| Lyons ...              | 1025.7                                | 67           | -     | 0              | deg      | 1028.8                                    | *                        | 64                           | +2                        | NNW             | 3              | *                               | deg      | *           | -                                   | 75             | 59   |          |            |        |   |        |      |    |      |
| Nice ...               | 1020.7                                | 64           | -     | 0              | deg      | 1028.9                                    | +2                       | 65                           | +2                        | -               | 0              | *                               | deg      | 0           | -                                   | 75             | 57   |          |            |        |   |        |      |    |      |
| Perpignan ...          | 1022.3                                | 75           | N     | 3              | deg      | 1025.3                                    | +2                       | 72                           | +4                        | NW              | 3              | -                               | deg      | *           | -                                   | 86             | 68   |          |            |        |   |        |      |    |      |
| Sanguinaire ...        |                                       |              |       |                |          |   |                          |                              |                           |                 |                |                                 |          |             |                                     |                |      |          |            |        |   |        |      |    |      |
| Corunna (7 a.m.)       | 1024.6                                | 72           | NNE   | 3              | deg      | 1024.6                                    | 0                        | 66                           | +7                        | S               | 1              | -                               | m        | 2           | -                                   | 77             | 59   |          |            |        |   |        |      |    |      |
| Madrid (8 a.m.)        | 1021.9                                | 77           | -     | 0              | deg      | 1026.0                                    | +4                       | 64                           | +1                        | NE              | 2              | -                               | deg      | *           | -                                   | 81             | 59   |          |            |        |   |        |      |    |      |
| Lisbon (9 a.m.)        |                                       |              |       |                |          |   |                          |                              |                           |                 |                |                                 |          |             |                                     |                |      |          |            |        |   |        |      |    |      |
| Gibraltar ...          | 1022.3                                | 70           | E     | 5              | c        | 1021.3                                    | *                        | 70                           | 0                         | E               | 5              | *                               | deg      | 3           | -                                   | 73             | 69   |          |            |        |   |        |      |    |      |
| Rome ...               |                                       |              |       |                |          |   |                          |                              |                           |                 |                |                                 |          |             |                                     |                |      |          |            |        |   |        |      |    |      |
| Malta (8 a.m.)         | *                                     | *            | *     | *              | *        | 1020.6                                    | +1                       | 70                           | 0                         | W               | 1              | -                               | deg      | 0           | -                                   | 75             | 64   |          |            |        |   |        |      |    |      |
| Azores (Horta, 8 a.m.) | 1014.3                                | *            | SSW   | 5              | c        | 1009.2                                    | ?                        | 74                           | -                         | WSW             | 4              | *                               | deg      | 4           | 11                                  | 77             | 64   |          |            |        |   |        |      |    |      |
| Madeira (Funchal)      | 1019.1                                | 82           | NE    | 3              | deg      | 1019.3                                    | 0                        | 68                           | -9                        | E               | 2              | NE                              | deg      | 2           | -                                   | 73             | 66   |          |            |        |   |        |      |    |      |
|                        |                                       |              |       |                |          |   |                          |                              |                           |                 |                |                                 |          |             |                                     |                |      |          |            |        |   | 23     | 0.91 | 48 | 1.89 |
|                        |                                       |              |       |                |          |   |                          |                              |                           |                 |                |                                 |          |             |                                     |                |      |          |            |        |   | 24     | 0.95 | 49 | 1.93 |
|                        |                                       |              |       |                |          |   |                          |                              |                           |                 |                |                                 |          |             |                                     |                |      |          |            |        |   | 25     | 0.98 | 50 | 1.97 |





FORECASTS FOR THE 24 HOURS NOON THURSDAY TO FRIDAY.

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

No Warnings Issued.

Western Channel and Bay 1)

Wind between South and West, mostly light to moderate; dull and humid to fair or fine, some mist; temperature above the normal.

Light to moderate Southerly and South-Westerly breezes; sea moderate, considerable Westerly swell; fair to dull, some mist or fog; moderate temperature.

**FURTHER OUTLOOK.**

R. G. K. LEMPFERT, Superintendent, Forecast Division

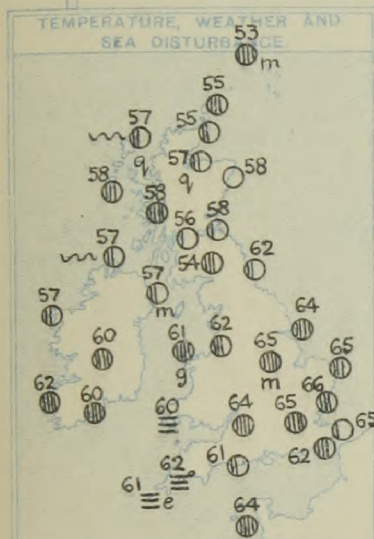
W. NAPIER SHAW, Director



# SYNOPTIC CHART FOR 7 a.m., THURSDAY, 16th SEPTEMBER, 1915.

## GENERAL INFERENCE.

During the ensuing 24 hours the conditions are expected to remain under the influence of the high pressure system.



## 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 ~~~~~ High ~~~~~.

Inches.

31

30

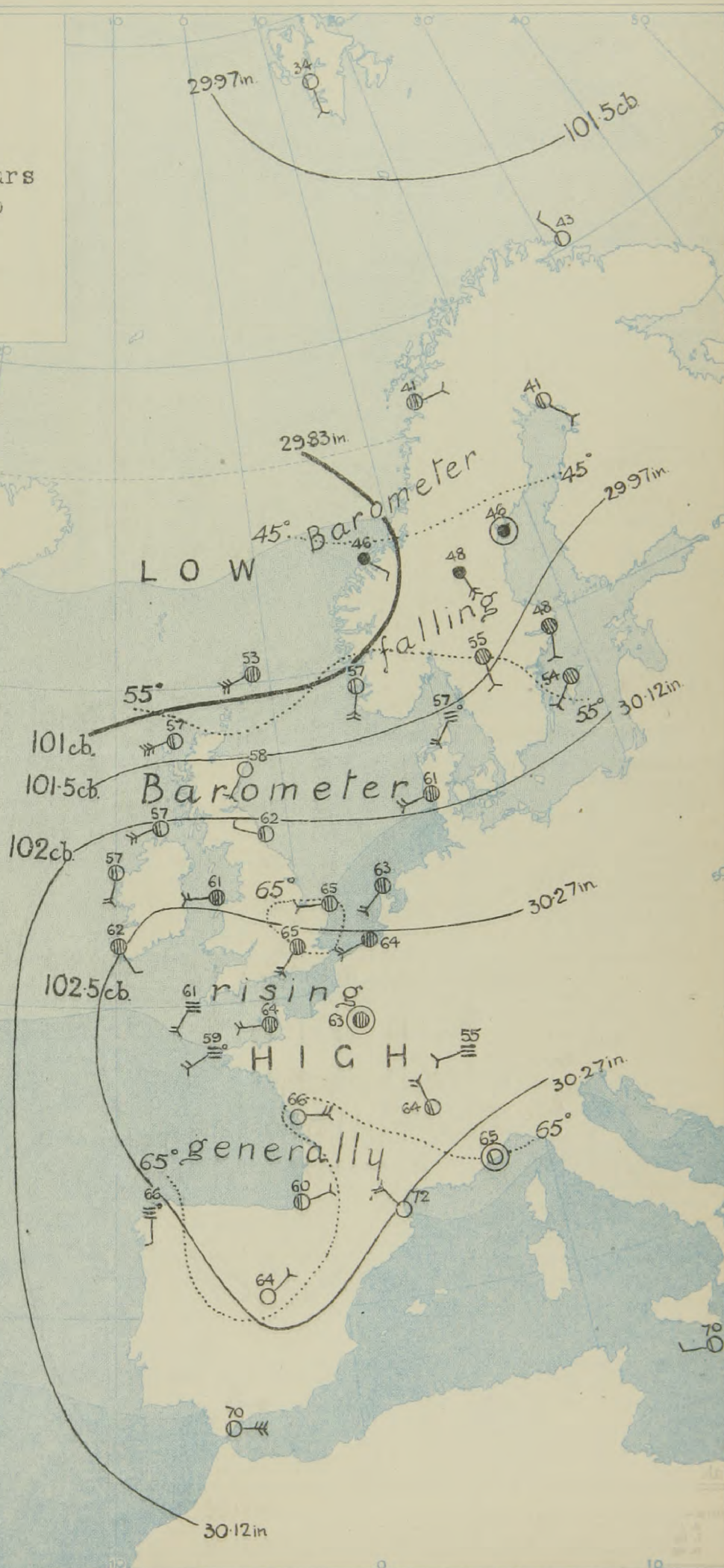
29

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 SEPTEMBER.





## DAILY WEATHER REPORT.

Thursday, 16th September, 1915.

REPORTS  
FOR  
YESTERDAY.

15th September, 1915.

| STATIONS. | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |                      |                                   |        |                |                                 |          |             |      | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |  |
|-----------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|---------------------------------|----------|-------------|------|-------------------------------------|-------|--|
|           | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.                |                                   | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                                     | Min.  |  |
|           |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb.<br>° F. | Change<br>in 24<br>hours.<br>° F. | Direc. | Force<br>0-12. |                                 |          |             |      |                                     |       |  |
| Petrograd | 1011.1                                | 57    | SW     | 4              | o        | 1012.3                         | +1                       | 54                   | o                                 | SSE    | 2              | SW                              | b        | +           | -    | 63                                  | 52    |  |
| Rome      | 1019.9                                | 66    | W      | 1              | b        | 1020.6                         | +1                       | 61                   | -                                 | N      | 1              | -                               | b        | +           | -    | 75                                  | 54    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.             | Rainfall.            | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS.            | Rainfall.               | TEMPERATURE.      |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |       |     |
|-----------------------|----------------------|--------------|------|-----------|------------|-------------------------------|----------------------|-------------------------|-------------------|------|-----------|------------|-------------------------------|-------|-----|
|                       |                      | Max.         | Min. | Forenoon. | Afternoon. |                               |                      |                         | Max.              | Min. | Forenoon. | Afternoon. |                               |       |     |
|                       |                      |              |      |           |            |                               |                      |                         |                   |      |           |            |                               |       |     |
| Scotland.             | mm. & .              | ° F.         | ° F. |           |            | Hr.                           | (Tunbridge Wells ... | mm. & .                 | ° F.              | ° F. |           |            | Hr.                           |       |     |
| { Oban ... ..         | 2                    | 62           | 50   | bc        | bc.o       | 6.9                           | { Margate ... ..     | 1                       | 72                | 53   | b         | bc.c       | 8.4                           |       |     |
| { Banff ... ..        | -                    | 65           | 41   | bc.b      | b.bc       | 7.0                           | { Ramsgate ... ..    | -                       | 70                | 56   | c         | b          | 5.0                           |       |     |
| { Carnoustie ...      | -                    | 68           | 54   | b         | b          | 9.0                           | { Hastings ... ..    | -                       | 70                | 54   | o.c.bc    | bc         | 6.0                           |       |     |
| { St. Andrews ...     | -                    | 67           | 53   | *         | *          | 8.3                           | { Bexhill-on-Sea ... | 1                       | 60                | 54   | od.b      | b.bc.o     | 9.2                           |       |     |
| England, N.E.         | { Harrogate ... ..   | -            | 65   | 52        | bc.b.bc    | b.bc                          | 7.8                  | { Eastbourne ... ..     | 2                 | 67   | 57        | b          | o.b.bc                        | 6.5   |     |
|                       | { Skegness ... ..    | -            | 69   | 55        | o.bc       | c.bc                          | 2.4                  | { Seaford ... ..        | 0.3               | 66   | 55        | c          | c                             | 4.7   |     |
| England, N.W.         | { Morecambe ... ..   | -            | 65   | 56        | o          | bc.o                          | 1.5                  | { Brighton ... ..       | 0.7               | 66   | ?         | o.c.bc     | bc.c.o                        | 3.6   |     |
|                       | { Blackpool ... ..   | 0.4          | 67   | 56        | o.c        | bc.c.o                        | 2.4                  | { Worthing ... ..       | 2                 | 67   | 51        | bc         | bc.o                          | 3.0   |     |
|                       | { Southport ... ..   | 3            | 64   | 56        | o.c.bc     | c.o                           | 2.7                  | { Littlehampton ...     | 2                 | 66   | ?         | b          | bc.o                          | 6.0   |     |
|                       | { Bournemouth ...    | -            | 68   | 52        | o          | o                             | 0.3                  | { Bognor ... ..         | 0.3               | 66   | 53        | b.bc       | bc                            | 5.5   |     |
| Midlands.             | { Buxton ... ..      | -            | 69   | 54        | b.bc       | bc.c                          | 7.6                  | { Southsea ... ..       | -                 | 70   | 54        | bc         | bc                            | 4.3   |     |
|                       | { Leamington Spa ... | -            | 69   | 52        | b.bc       | bc.c                          | 4.5                  | { Bournemouth ...       | -                 | 68   | 52        | o          | o                             | 0.3   |     |
|                       | { Malvern ... ..     | -            | 69   | 52        | b.bc       | bc.c                          | 4.5                  | England, S.E.           | { Weymouth... ..  | -    | 66        | 56         | c.o                           | oc    | 0.2 |
|                       | { Ross-on-Wye ... .. | -            | 70   | 51        | b.bc       | bc.c                          | 4.2                  |                         | { Torquay ... ..  | -    | 70        | 60         | o.c                           | c.o   | 1.2 |
| Wales.                | { Rhyl ... ..        | -            | 66   | 55        | b          | c.o.c.bc                      | 3.3                  |                         | { Paignton ... .. | -    | -         | -          | -                             | -     | -   |
|                       | { Colwyn Bay ... ..  | -            | 67   | 57        | bc         | bc                            | 4.3                  |                         | { Falmouth ... .. | 2    | 69        | 61         | om.cm                         | bc.om | 1.2 |
|                       | { Llandudno ... ..   | -            | -    | -         | -          | -                             | -                    | { Penzance ... ..       | 2                 | 68   | 61        | r.o        | c.o.g                         | 0.1   |     |
|                       | { Aberystwyth ...    | 2            | 65   | 53        | c.b.o      | or                            | 2.5                  | { Newquay ... ..        | 3                 | 66   | 57        | ofd        | o                             | 0.0   |     |
| { Tenby ... ..        | 1                    | 64           | 49   | bc.o      | bc.op      | 0.0                           | { Ilfracombe ... ..  | 0.3                     | 67                | 58   | om        | ond        | 0.0                           |       |     |
| England, E.           | { Cromer ... ..      | -            | 69   | ?         | o          | o.c                           | 1.3                  | { Weston-super-Mare ... | -                 | 68   | 55        | o.bc       | d.c                           | 0.5   |     |
|                       | { Lowestoft ... ..   | -            | 70   | 56        | bc.o       | c.bc                          | 2.7                  |                         |                   |      |           |            |                               |       |     |
|                       | { Felixstowe ... ..  | 0.2          | 71   | 54        | c          | bc                            | 4.7                  |                         |                   |      |           |            |                               |       |     |
|                       | { Walton-on-Naze ... | -            | 68   | 55        | ogm.o.c    | c.bc.b                        | 4.6                  |                         |                   |      |           |            |                               |       |     |
| { Southend-on-Sea ... | -                    | 72           | 54   | bc.b      | b.bc       | 7.1                           |                      |                         |                   |      |           |            |                               |       |     |

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |      |                   | Rain-<br>fall. | WEATHER.       |                 |        | STATIONS. | RAIN-<br>FALL. | TEMPERATURE. |      |                               | WEATHER. |                |                 | Sun-<br>shine<br>for<br>Yester-<br>day. |
|--|---------------------------|-----------------------|---|--|------|-------------------|----------------|----------------|-----------------|--------|-----------|----------------|--------------|------|-------------------------------|----------|----------------|-----------------|---|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |      | Min. on<br>Grass. |                | Fore-<br>noon. | After-<br>noon. | Night. |           |                | In Screen.   |      | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon. | After-<br>noon. |   |
|  |                           |                       |   | Max.   | Min. |                   |                |                |                 |        |           |                | Max.         | Min. |                               |          |                |                 |   |
|  |                           |                       |   |  |      |                   |                |                |                 |        |           |                |              |      |                               |          |                |                 |   |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |  |      |                   |                |                |                 |        |           |                |              |      |                               |          |                |                 |   |
|  | %                         | %                     | Hr.                                     | ' F.   | ' F. | ' F.              | mm.‡           |                |                 |        |           | mm.‡           | ' F.         | ' F. | ' F.                          |          |                |                 | Hr.                                     |
| Greenwich (Royal Obs.) ...   | 60                        | 82                    | 8.0                                     | 74   | 62   | 58                | -              | bc             | bc              | c      | a.c.o     |                |              |      |                               |          |                |                 | *                                       |
| City (Bunhill Row) ...   | *                         | *                     | 8.0                                     | *  | *    | *                 | *              | *              | *               | *      | *         |                |              |      | *                             |          |                |                 | *                                       |
| Westminster (St. James's Pk.)  | 61                        | 84                    | 8.0                                     | 72   | 64   | 61                | -              | b.             | bc              | bcu    |           |                |              |      |                               |          |                |                 |   |
| Camden Sq. (Brit. Rainfall)  | 59                        | 81                    | 7.6                                     | 74   | 63   | 61                | -              | b              | b.bc            | *      |           |                |              |      |                               |          |                |                 |   |
| Hampstead (Reservoir) ...  | *                         | 87                    | 7.8                                     | 70   | 61   | 54                | -              | bc             | c               | o      |           |                |              |      |                               |          |                |                 |   |
| Richmond Park ...  | *                         | *                     |   |  |      |                   |                |                |                 |        |           |                |              |      |                               |          |                |                 |   |
| Kew. (See front page.)   |                           |                       |   | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |      |                   |                |                |                 |        |           |                |              |      |                               |          |                |                 |   |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   | Total.   |      | Average Rate.     |                | Max. Rate.     |                 |        |           |                |              |      |                               |          |                |                 |   |
| S. Kensington (Roof of M.O.)   | 60                        | 77                    | 8.2                                     | 1329 Joules  |      | 292 Milliwatts.   |                | 63 Milliwatts. |                 |        |           |                |              |      |                               |          |                |                 |   |

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

| 16th Sept., 1915. | Sunrise. | Noon.  | Sunset. |
|-------------------|----------|--------|---------|
| G.M.T.            | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...      | 5.30     | 11.48  | 6.4     |
| Greenwich ...     | 5.38     | 11.55  | 6.12    |
| Wick ...          | 5.48     | 12.7   | 6.29    |
| Valencia ...      | 6.19     | 12.36  | 6.53    |

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 70° in many places, and the succeeding night was abnormally mild. Slight rain fell in the north and west. There was a marked reduction in the sunshine records, less than an hour at several stations

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 260.

Friday

17<sup>th</sup> September 1915.

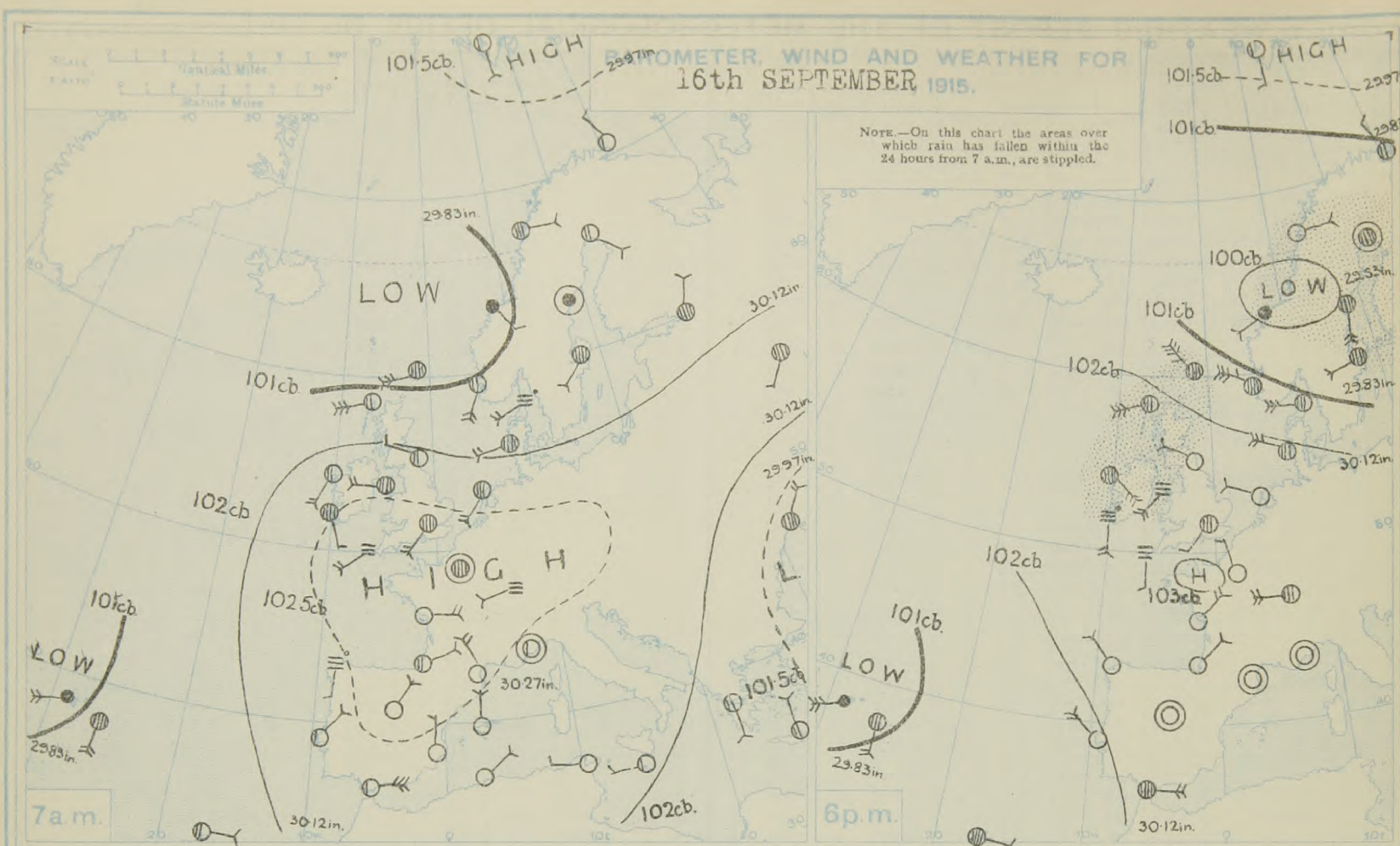
| STATIONS.                  | YESTERDAY EVENING.                    |       |        |                |          | THIS MORNING 7 A.M., G.M.T. |                          |              |                           |        |                |                                 |          |             |                                     | PAST 24 HOURS. |      |          |            |        | Sun-<br>shine<br>for<br>Yester-<br>day. |   |
|----------------------------|---------------------------------------|-------|--------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|------|----------|------------|--------|---|---|
|                            | Barom.<br>Milli-<br>bars at<br>M.S.L. | Temp. | WIND.  |                | Weather. | Milli-<br>bars at<br>M.S.L. | Change<br>in 2<br>hours. | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |      | WEATHER. |            |        |   |   |
|                            |                                       |       | Direc. | Force<br>0-12. |          |                             |                          | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.           | Min. | Morning. | Afternoon. | Night. |   |   |
| Lerwick ...                | 1014.0                                | 50    | NW     | 7              | omg.     | 1021.3                      | 0                        | 47           | -6                        | NNW    | 2              | -                               | 0        | 2           | 2                                   | 56             | 46   | bcg      | omg.       | bc.0   | Hours.                                  |   |
| Deerness ...               | 1018.3                                | 54    | N      | 6              | c        | 1022.0                      | 0                        | 49           | -6                        | N      | 1              | -                               | 0        | 0           | 1                                   | 59             | 48   | c.0c     | bc.0c      | c.0c   | 6.4                                     |   |
| Stornoway ...              | 1022.3                                | 58    | WSW    | 6              | cg       | 1021.3                      | -2                       | 51           | -6                        | NE     | 1              | -                               | 0        | 0           | 3                                   | 61             | 51   | bcg      | bc.0c      | bc.0c  | 8.0                                     |   |
| Castlebay (Barra Isd.)     | 1023.8                                | 58    | N      | 3              | 0        | 1019.0                      | -1                       | 59           | +1                        | SW     | 4              | -                               | 0        | 4           | 4                                   | 60             | 51   | c.0c     | omd        | omd    | 5.6                                     |   |
| Glasgow ...                | 1025.1                                | 59    | N      | 2              | 0        | 1022.2                      | -1                       | 60           | +4                        | WSW    | 2              | -                               | 0        | 4           | 4                                   | 63             | 54   | bc.0c    | 0          | omd    | 4.1                                     |   |
| Eskdalemuir ...            | 1026.1                                | 57    | N      | 0              | bc       | 1023.2                      | -2                       | 59           | +5                        | SW     | 5              | -                               | 0        | 0           | 0                                   | 65             | 50   | bc.0c    | 0          | c.0c   | 9.2                                     |   |
| Malin Head ...             | 1025.0                                | 59    | E      | 2              | c        | 1021.5                      | -1                       | 60           | +3                        | SW     | 3              | -                               | 0        | 3           | 2                                   | 61             | 56   | bcg      | cg         | cg     | 3.5                                     |   |
| Blacksod Point ...         | 1022.9                                | 61    | ESE    | 5              | 0        | 1022.0                      | -2                       | 59           | +2                        | S      | 5              | -                               | 0        | 4           | 2                                   | 63             | 55   | cg       | 0          | omd.0c | 0                                       |   |
| Valencia ...               | 1025.6                                | 63    | S      | 3              | m        | 1023.4                      | -2                       | 61           | -1                        | SSE    | 2              | -                               | 0        | 4           | 1                                   | 66             | 60   | omg      | om         | m.0c   | 0.0                                     |   |
| Roche's Point ...          | 1027.7                                | 69    | SW     | 2              | f        | 1026.2                      | 0                        | 60           | 0                         | SSW    | 1              | -                               | 0        | 2           | 0.2                                 | 63             | 59   | fe.d     | fd.0c      | fe.0c  | 0                                       |   |
| Birr Castle ...            | 1025.1                                | 68    | S      | 1              | 0        | 1025.5                      | 0                        | 56           | -4                        | S      | 1              | -                               | 0        | 0           | 0                                   | 69             | 55   | c.0      | 0          | c      | 2.0                                     |   |
| Donaghadee ...             | 1025.3                                | 63    | S      | 2              | omg      | 1023.7                      | -1                       | 63           | +6                        | SW     | 3              | -                               | 0        | 2           | 0.4                                 | 68             | 56   | omg      | omg        | omd.0c | 0                                       |   |
| Liverpool (Bidston)        | 1027.6                                | 61    | -      | 0              | c        | 1026.4                      | -1                       | 63           | +1                        | SW     | 2              | -                               | 0        | 1           | 0                                   | 65             | 62   | 0.0c     | 0          | 0      | 6.5                                     |   |
| Holyhead ...               | 1026.8                                | 62    | SW     | 4              | 0        | 1026.4                      | 0                        | 59           | -2                        | SW     | 5              | -                               | 0        | 4           | 0                                   | 70             | 57   | bc.0c    | bc.0c      | fe.0c  | 5.0                                     |   |
| Pembroke (St. Ann's)       | 1028.7                                | 60    | SW     | 1              | f        | 1027.9                      | -2                       | 56           | -4                        | SSW    | 1              | -                               | 0        | 2           | 0                                   | 63             | 55   | f        | f          | fd     | 0.0                                     |   |
| Scilly (St. Mary's)        | 1029.0                                | 60    | S      | 1              | f        | 1026.9                      | -2                       | 60           | -1                        | SE     | 3              | -                               | 0        | 4           | 0                                   | 66             | 56   | fe       | fe         | f.m.0c | 2.1                                     |   |
| Falmouth ...               | 1029.8                                | 66    | WSW    | 1              | c        | 1028.2                      | 0                        | 58           | -4                        | E      | 1              | -                               | 0        | 3           | 0                                   | 72             | 54   | om.0c    | bc.0c      | c.0c   | 2.5                                     |   |
| Jersey (St. Aubin)         | 1030.1                                | 69    | NW     | 3              | 0        | 1029.0                      | 0                        | 60           | -4                        | N      | 1              | -                               | 0        | 0           | 0                                   | 72             | 56   | 0.0c     | bc.0c      | bc.0c  | 5.8                                     |   |
| Portland Bill ...          | 1029.8                                | 63    | WSW    | 2              | c        | 1029.1                      | -1                       | 60           | -1                        | -      | 0              | -                               | 0        | 2           | 0.2                                 | 64             | 59   | bc.0c    | 0c         | bc.0c  | 0                                       |   |
| Dungeness ...              | 1027.8                                | 63    | WSW    | 3              | c        | 1028.5                      | 0                        | 63           | +1                        | SW     | 2              | -                               | 0        | 2           | 0                                   | 66             | 60   | bcg      | bcg        | bc.0c  | 0                                       |   |
| Dover ...                  | 1028.1                                | 68    | -      | 0              | c        | 1028.2                      | 0                        | 66           | +1                        | -      | 0              | -                               | 0        | 2           | 0                                   | 71             | 62   | bc       | c          | c.0c   | 2.1                                     |   |
| Wick ...                   | 1019.6                                | 57    | N      | 3              | c        | 1021.8                      | -2                       | 51           | -4                        | ESE    | 2              | -                               | 0        | 1           | 0                                   | 64             | 50   | bcg      | omg.0c     | opd    | 0                                       |   |
| Nairn ...                  | 1021.5                                | 60    | N      | 4              | bc       | 1021.9                      | 0                        | 51           | -6                        | -      | 0              | -                               | 0        | 2           | 2                                   | 67             | 51   | bcg      | bcg        | bc.0c  | 10.3                                    |   |
| Aberdeen ...               | 1021.6                                | 63    | N      | 3              | c        | 1022.7                      | 0                        | 53           | -5                        | SW     | 2              | -                               | 0        | 1           | 0                                   | 70             | 53   | bc.0c    | bc.0c      | c.0c   | 9.3                                     |   |
| Leith ...                  | 1023.7                                | 64    | N      | 2              | c        | 1022.1                      | -2                       | 55           | -3                        | E      | 2              | -                               | 0        | 2           | 2                                   | 68             | 55   | bc.0c    | bc.0c      | c.0c   | 0                                       |   |
| Tynemouth ...              | 1024.8                                | 65    | NNW    | 2              | bc       | 1023.7                      | -2                       | 59           | -3                        | SE     | 1              | -                               | 0        | 2           | 0                                   | 70             | 57   | bc       | bc         | bc.0c  | 0                                       |   |
| Spurn Head ...             | 1026.6                                | 64    | NNW    | 2              | bc       | 1026.3                      | -1                       | 58           | -6                        | N      | 3              | -                               | 0        | 3           | 0                                   | 69             | 57   | bc       | bc         | bc.0c  | 7.5                                     |   |
| Yarmouth ...               | 1026.4                                | 70    | NW     | 1              | bc       | 1026.5                      | 0                        | 62           | -3                        | NNW    | 1              | -                               | 0        | 1           | 0                                   | 75             | 60   | c        | bc         | bc.0c  | 3.8                                     |   |
| Clacton-on-Sea ...         | 1027.6                                | 65    | N      | 2              | bc       | 1027.8                      | 0                        | 65           | -1                        | N      | 2              | -                               | 0        | 1           | 0                                   | 74             | 63   | c.0c     | bc.0c      | bc.0c  | 3.6                                     |   |
| Nottingham ...             | 1026.9                                | 70    | N      | 2              | bc       | 1027.0                      | 0                        | 62           | -3                        | SW     | 2              | -                               | 0        | 1           | 0                                   | 75             | 57   | om.0c    | bc.0c      | bc.0c  | 5.6                                     |   |
| Bath ...                   | 1028.4                                | 68    | N      | 0              | 0        | 1028.1                      | 0                        | 59           | -5                        | E      | 0              | -                               | 0        | 0           | 0                                   | 73             | 58   | 0c       | bc.0c      | om.0c  | 3.3                                     |   |
| Sth Farnborough ...        | 1028.0                                | 70    | N      | 1              | 0        | 1028.2                      | -1                       | 63           | -1                        | -      | 0              | -                               | 0        | 0           | 0                                   | 76             | 61   | 0        | bc.0c      | bc.0c  | 1.8                                     |   |
| London (Kew Obsy.)         | 1028.4                                | 70    | SW     | 1              | c        | 1028.4                      | 0                        | 64           | -1                        | SW     | 1              | -                               | 0        | 0           | 0                                   | 74             | 63   | 0c       | c.0c       | c.0c   | 2.1                                     |   |
| Spitsbergen ...            | 1017.1                                | 34    | S      | 1              | bc       | 1016.4                      | 0                        | 30           | -4                        | S      | 1              | -                               | 0        | 0           | 0                                   | 37             | 28   | 0        | 0          | 0      | 0                                       |   |
| Vardö ...                  | 1008.0                                | 39    | NNW    | 1              | bc       | 1004.7                      | -1                       | 43           | 0                         | NW     | 5              | -                               | 0        | 3           | 0                                   | 43             | 36   | 0        | 0          | 0      | 0                                       |   |
| Bodö ...                   | 1002.5                                | 48    | E      | 2              | 0        | 1004.3                      | +2                       | 41           | 0                         | NE     | 1              | -                               | 0        | 1           | 0                                   | 43             | 37   | 0        | 0          | 0      | 0                                       |   |
| Christiansund ...          | 997.5                                 | 52    | SW     | 2              | 0        | 1013.0                      | +3                       | 46           | 0                         | NW     | 3              | -                               | 0        | 3           | 1                                   | 59             | 48   | 0        | 0          | 0      | 0                                       |   |
| Skudesnaes ...             | 1012.8                                | 55    | NNW    | 7              | 0        | 1019.0                      | +1                       | 52           | -5                        | NW     | 6              | -                               | 0        | 3           | 1                                   | 59             | 48   | 0        | 0          | 0      | 0                                       |   |
| Færder (X'iania Fjord)     | 1005.6                                | 61    | N      | 6              | bc       | 1008.6                      | +3                       | 57           | -2                        | NNW    | 2              | -                               | 0        | 3           | 0                                   | 61             | 57   | 0        | 0          | 0      | 0                                       |   |
| The Scaw (Skagen)          | 1011.0                                | 59    | N      | 5              | c        | 1010.0                      | 0                        | 57           | 0                         | N      | 7              | -                               | 0        | 6           | 0                                   | 64             | 55   | 0        | 0          | 0      | 0                                       |   |
| Blaavands Huk ...          | 1020.6                                | 59    | NNW    | 5              | c        | 1020.8                      | +2                       | 57           | -4                        | NNW    | 6              | -                               | 0        | 5           | 0                                   | 63             | 57   | 0        | 0          | 0      | 0                                       |   |
| Haparanda ...              | 1007.9                                | 43    | -      | 0              | 0        | 1003.8                      | 0                        | 41           | 0                         | ESE    | 4              | -                               | 0        | 0           | 0                                   | 3              | 48   | 0        | 0          | 0      | 0                                       |   |
| Hernösand ...              | 1000.3                                | 50    | S      | 4              | 0        | 998.4                       | +3                       | 48           | +2                        | SE     | 4              | -                               | 0        | 0           | 0                                   | 11             | 50   | 0        | 0          | 0      | 0                                       |   |
| Stockholm ...              | 1003.5                                | 55    | WSW    | 2              | 0        | 996.7                       | 0                        | 54           | +6                        | NNW    | 4              | -                               | 0        | 0           | 0                                   | 1              | 55   | 52       | 0          | 0      | 0                                       | 0 |
| Wisby ...                  | 1007.9                                | 59    | SSW    | 6              | 0        | 999.9                       | -3                       | 55           | +1                        | NNW    | 8              | -                               | 0        | 0           | 0                                   | 59             | 48   | 0        | 0          | 0      | 0                                       |   |
| Karlstad ...               | 1004.0                                | 57    | SW     | 2              | bc       | 1002.1                      | +1                       | 55           | 0                         | N      | 6              | -                               | 0        | 0           | 0                                   | 61             | 50   | 0        | 0          | 0      | 0                                       |   |
| Petrograd (S. a.m. G.M.T.) | 1004.0                                | 57    | SW     | 2              | bc       | 1002.1                      | +1                       | 55           | 0                         | N      | 6              | -                               | 0        | 0           | 0                                   | 61             | 50   | 0        | 0          | 0      | 0                                       |   |
| The Helder ...             | 1026.6                                | 63    | NNW    | 2              | bc       | 1026.3                      | 0                        | 63           | 0                         | NNW    | 1              | -                               | 0        | 1           | 0                                   | 68             | 61   | 0        | 0          | 0      | 0                                       |   |
| C. Gris Nez ...            | 1028.7                                | 62    | SW     | 3              | 0        | 1028.4                      | 0                        | 63           | +1                        | S      | 3              | -                               | 0        | 1           | 0                                   | 63             | 61   | 0        | 0          | 0      | 0                                       |   |
| La Hève ...                | 1029.2                                | 63    | NNW    | 2              | 0        | 1029.2                      | 0                        | 66           | +3                        | -      | 0              | -                               | 0        | 0           | 0                                   | 68             | 55   | 0        | 0          | 0      | 0                                       |   |
| Ushant ...                 | 1030.1                                | 64    | -      | 0              | bc       | 1027.5                      | 0                        | 61           | 0                         | ESE    | 3              | -                               | 0        | 2           | 0                                   | 77             | 59   | 0        | 0          | 0      | 0                                       |   |
| Brest (St. Mathieu)        | 1027.9                                | 74    | NE     | 3              | bc       | 1026.0                      | 0                        | 61           | -5                        | E      | 4              | -                               | 0        | 0           | 0                                   | 88             | 59   | 0        | 0          | 0      | 0                                       |   |
| Roche fort (Ile d'Aix)     | 1025.4                                | 70    | NE     | 2              | bc       | 1023.8                      | -1                       | 63           | +3                        | -      | 0              | -                               | 0        | 2           | 0                                   | 84             | 61   | 0        | 0          | 0      | 0                                       |   |
| Biarritz ...               | 1029.6                                | 68    | N      | 1              | 0        | 1029.6                      | 0                        | 64           | +1                        | N      | 1              | -                               | 0        | 0           | 0                                   | 72             | 63   | 0        | 0          | 0      | 0                                       |   |
| Paris ...                  | 1030.1                                | 63    | N      | 4              | c        | 1030.1                      | 0                        | 59           | +4                        | E      | 3              | -                               | 0        | 0           | 0                                   | 72             | 54   | 0        | 0          | 0      | 0                                       |   |
| Belfort ...                | 1025.1                                | 70    | NE     | 2              | bc       | 1023.8                      | -1                       | 63           | +3                        | -      | 0              | -                               | 0        | 2           | 0                                   | 84             | 61   | 0        | 0          | 0      | 0                                       |   |
| Lyons ...                  | 1025.2                                | 68    | -      | 0              | bc       | 1026.9                      | +1                       | 69           | +4                        | -      | 0              | -                               | 0        | 0           | 0                                   | 77             | 63   | 0        | 0          | 0      | 0                                       |   |
| Nice ...                   | 1024.6                                | 70    | -      | 0              | bc       | 1026.6                      | 0                        | 61           | -11                       | -      | 0              | -                               | 0        | 0           | 0                                   | 90             | 55   | 0        | 0          | 0      | 0                                       |   |
| Perpignan ...              | 1024.6                                | 70    | -      | 0              | bc       | 1026.6                      | 0                        | 61           | -11                       | -      | 0              | -                               | 0        | 0           | 0                                   | 90             | 55   | 0        | 0          | 0      | 0                                       |   |
| Sanguinaire ...            | 1024.6                                | 70    | -      | 0              | bc       | 1026.6                      | 0                        | 61           | -11                       | -      | 0              | -                               | 0        | 0           | 0                                   | 90             | 55   | 0        | 0          | 0      | 0                                       |   |
| Corunna (7 a.m.)           | 1022.9                                | 73    | NNW    | 2              | bc       | 1021.6                      | 0                        | 66           | 0                         | S      | 1              | -                               | 0        | 3           | 0                                   | 79             | 61   | 0        | 0          | 0      | 0                                       |   |
| Madrid (8 a.m.)            | 1022.4                                | 79    | -      | 0              | bc       | 1026.7                      | +2                       | 64           | 0                         | ESE    | 1              | -                               | 0        | 0           | 0                                   | 82             | 55   | 0        | 0          | 0      | 0                                       |   |
| Lisbon (9 a.m.)            | 1019.8                                | 82    | NNW    | 3              | bc       | 1021.9                      | +2                       | 64           | -4                        | N      | 2              | -                               | 0        | 6           | 0                                   | 73             | 63   | 0        | 0          | 0      | 0                                       |   |
| Gibraltar ...              | 1022.7                                | 69    | E      | 4              | 0        | 1022.0                      | 0                        | 70           | 0                         | E      | 5              | -                               | 0        | 2           | 0                                   | 74             | 69   | 0        | 0</        |        |   |   |

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.61    |
| 17  | 0.67    | 42  | 1.65    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |
| 21  | 0.83    | 46  | 1.81    |
| 22  | 0.87    | 47  | 1.85    |
| 23  | 0.91    | 48  | 1.89    |
| 24  | 0.95    | 49  | 1.93    |
| 25  | 0.98    | 50  | 1.97    |





FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

No Warnings Issued.

Western Channel and Bay 11

- 0 } Calms and light variable to light or moderate South-Westerly breezes; unsettled, damp and rainy at first, fairer later some mist and coast fog; moderate temperature.
- 1 }
- 2 } Light to moderate South-Westerly to Westerly breezes; fair to dull, some showers, mist and coast fog; warm.
- 3 } Light variable Westerly and South-Westerly breezes; dull to fair or fine, some mist and coast fog; warm.
- 4 } Light South-Westerly breeze; cloudy to fair, some mist; warm.
- 5 } Same as No 3.
- 6 } Same as Nos 0 and 1.
- 7 } Same as No 2.
- 8 } Light variable breezes; fair to dull, some mist and coast fog; warm.
- 9 } Same as No 2.
- 10 } Light to moderate Southerly breezes; fair to dull, some showers, mist and coast fog; warm.
- 11 } Light to moderate Easterly to Southerly breezes; sea slight to moderate; fine generally, local mist or fog; moderate temperature.

FURTHER OUTLOOK.

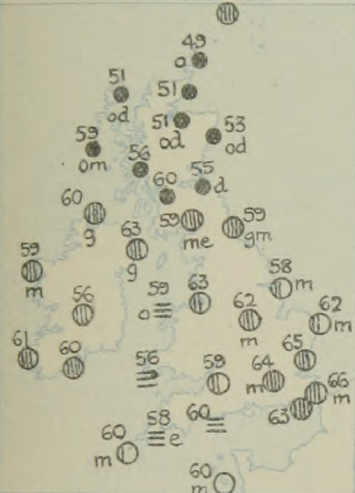


# SYNOPTIC CHART FOR 7 a.m., FRIDAY, 17th SEPTEMBER, 1915.

## GENERAL INFERENCE.

The conditions will be mainly unsettled in the north; no important change in the south.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



### EXPLANATION.

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

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

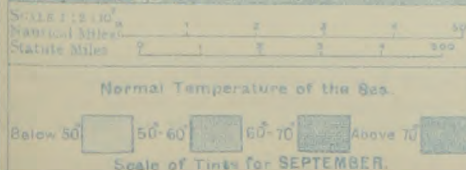
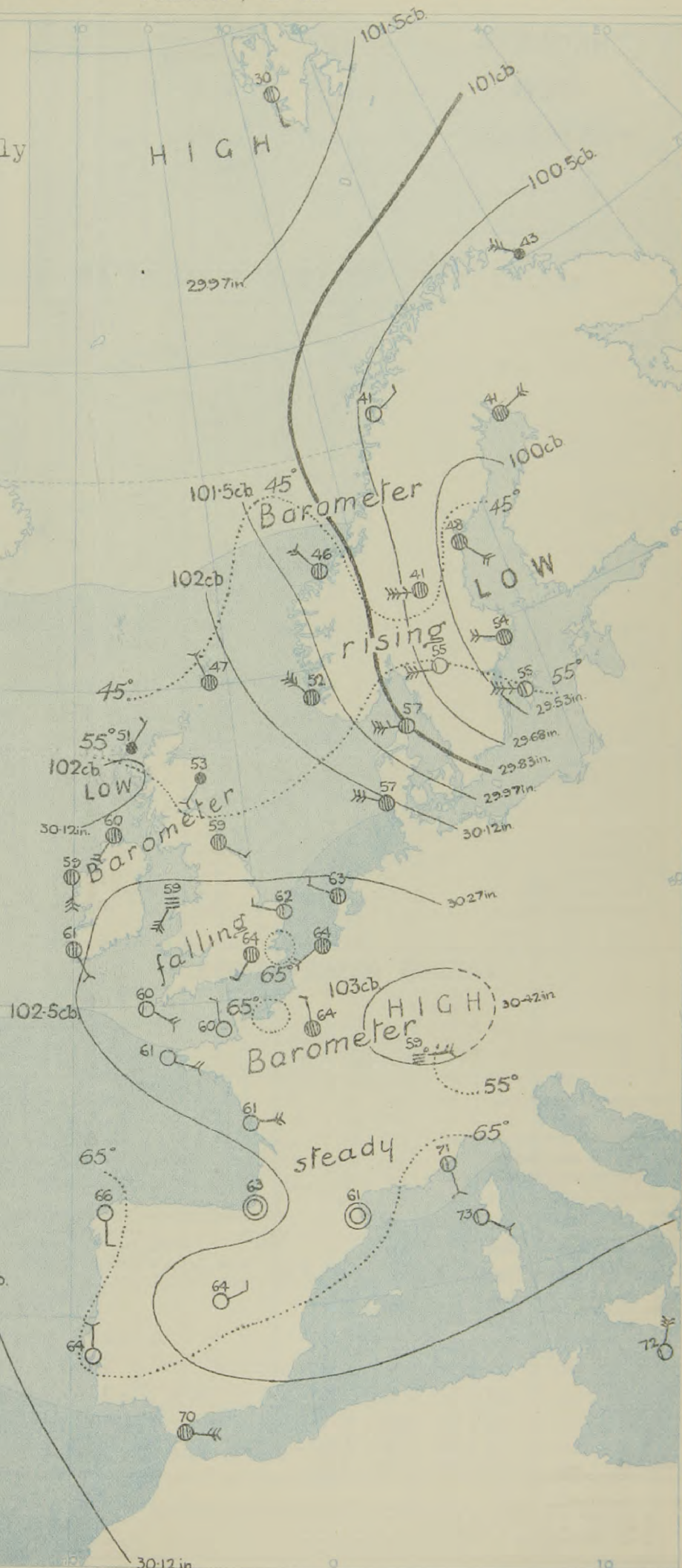
Force, on the scale 0-12, is indicated by the number of feathers. Calm

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

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ sky 5/8 clouded. ○ overcast sky. ● rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

**SEA DISTURBANCE.**—Rough wavy. High wavy.





# DAILY WEATHER REPORT.

Friday, 17th September, 1915.

## REPORTS FOR YESTERDAY.

16th September, 1915.

| STATIONS. | EVENING OBSERVATIONS.             |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |                      |                                   |        |                |                                 |          |             |      | Rain-fall.<br>Milli-metres. | TEMP. |  |
|-----------|-----------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|---------------------------------|----------|-------------|------|-----------------------------|-------|--|
|           | BAROM.<br>Milli-bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.                |                                   | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                             | Min.  |  |
|           |                                   |       | Direc. | Force<br>0-12. |          | Milli-bars at<br>M.S.L.        | Change<br>in 3<br>hours. | Dry<br>Bulb.<br>° F. | Change<br>in 24<br>hours.<br>° F. | Direc. | Force<br>0-12. |                                 |          |             |      |                             |       |  |
| Petrograd | 1012.7                            | 59    | SW     | 3              | b        | 1013.3                         | +1                       | 50                   | -4                                | NNE    | 2              | -                               | 0        | 4           | 2    | 70                          | 50    |  |
| Lisbon    | 1020.3                            | 81    | NW     | 4              | b        | 1023.0                         | +1                       | 68                   | +2                                | NE     | 2              | -                               | b        | 5           | -    | 86                          | 68    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.      | Rainfall.                | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS.         | Rainfall.            | TEMPERATURE.               |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |         |     |
|----------------|--------------------------|--------------|------|-----------|------------|-------------------------------|-------------------|----------------------|----------------------------|------|-----------|------------|-------------------------------|---------|-----|
|                |                          | Max.         | Min. | Forenoon. | Afternoon. |                               |                   |                      | Max.                       | Min. | Forenoon. | Afternoon. |                               |         |     |
|                | mm.‡                     | ° F.         | ° F. |           |            | Hr.                           |                   | mm.‡                 | ° F.                       | ° F. |           |            | Hr.                           |         |     |
| Scotland.      | { Oban ... ..            | —            | 62   | 55        | c.b.c      | bc                            | 4.5               | England, S.E.        | { Tunbridge Wells ... ..   | —    | 74        | 62         | o                             | o.c.b.  | 1.3 |
|                | { Banff ... ..           | —            | 66   | 51        | b.b.c      | bc                            | 9.3               |                      | { Margate ... ..           | —    | 72        | 61         | c                             | c.b.c   | 2.1 |
|                | { Carnoustie ... ..      | —            | 71   | 52        | b          | b                             | 10.1              |                      | { Ramsgate ... ..          | —    | 72        | 60         | o                             | o.c     | 1.8 |
|                | { St. Andrews ... ..     | —            | 68   | 61        | *          | *                             | 9.5               |                      | { Hastings ... ..          | —    | 68        | 61         | o                             | o.b.c.b | 2.4 |
| Eng.<br>N.E.   | { Harrogate ... ..       | 0.3          | 68   | 59        | c.b.c.b    | b.b.c                         | 7.6               |                      | { Bexhill-on-Sea ... ..    | —    | 68        | 61         | m.o.c                         | o.b.c.m | 1.1 |
|                | { Skegness ... ..        | —            | 74   | 60        | o.b.c      | bc                            | 8.1               |                      | { Eastbourne ... ..        | —    | 64        | 61         | m                             | m.b.c   | 0.0 |
| Eng.<br>N.W.   | { Morecambe ... ..       | —            | 66   | 58        | bc.b       | b                             | 8.0               |                      | { Seaford ... ..           | —    | 65        | 61         | o                             | o.c     | 0.0 |
|                | { Blackpool ... ..       | 0.4          | 67   | 60        | c.o.b      | b.b.c.b                       | 6.5               |                      | { Brighton ... ..          | —    | 66        | 61         | o                             | o       | 0.1 |
|                | { Southport ... ..       | 1            | 66   | 60        | o.c.b.c    | b                             | 8.7               |                      | { Worthing ... ..          | 0.6  | 67        | 63         | bc                            | bc      | 0.5 |
| Midlands.      | { Buxton ... ..          | 3            | 67   | 58        | bc         | b                             | 6.0               |                      | { Littlehampton ... ..     | —    | 68        | 61         | o                             | o       | 0.7 |
|                | { Leamington Spa ... ..  | —            | 75   | 61        | bc         | bc                            | 5.2               | { Bognor ... ..      | —                          | 70   | 61        | bc         | o                             | 0.5     |     |
|                | { Malvern ... ..         | —            | 75   | 62        | bc         | bc                            | 2.9               | { Southsea ... ..    | —                          | 72   | 60        | o          | o                             | 1.0     |     |
|                | { Ross-on-Wye ... ..     | —            | 75   | 62        | bc         | bc                            | 2.9               | { Bournemouth ... .. | —                          | 72   | 60        | o          | o                             | 1.0     |     |
| Wales.         | { Rhyl ... ..            | 0.6          | 66   | 61        | b          | c.b.b.c                       | 6.7               | England,<br>S.W.     | { Weymouth ... ..          | —    | 68        | 61         | o.b.c                         | bc.c    | 0.1 |
|                | { Colwyn Bay ... ..      | —            | 69   | 62        | bc         | bc.o                          | 6.5               |                      | { Torquay ... ..           | —    | 72        | 62         | o.c                           | c.b.c   | 2.6 |
|                | { Llandudno ... ..       | —            | 65   | 62        | r.o.c      | c.o                           | 0.3               |                      | { Paignton ... ..          | —    | 74        | 63         | o.b.c                         | c       | 2.6 |
|                | { Aberystwyth ... ..     | 2            | 64   | 61        | bc.o       | bc.o                          | 0.7               |                      | { Falmouth ... ..          | 1    | 72        | 62         | om.b                          | bc.o    | 2.5 |
| { Tenby ... .. | 1                        | 64           | 61   | bc.o      | bc.o       | 0.7                           | { Penzance ... .. |                      | 0.3                        | 70   | 63        | o.b.c      | bc                            | 0.6     |     |
| England,<br>E. | { Cromer ... ..          | —            | 74   | 61        | o.c.b.c    | bc                            | 7.3               |                      | { Newquay ... ..           | 1    | 68        | 62         | of.c.o                        | o       | 0.6 |
|                | { Lowestoft ... ..       | —            | 76   | 59        | bc.c.b.c   | o.c.b.c                       | 5.6               |                      | { Ilfracombe ... ..        | 0.2  | 67        | 62         | md.o                          | o       | 0.0 |
|                | { Felixstowe ... ..      | —            | 75   | 61        | c          | c                             | 1.8               |                      | { Weston-super-Mare ... .. | 1    | 70        | 58         | o.b.c.b                       | b.b.c.c | 3.0 |
|                | { Walton-on-Naze ... ..  | —            | 74   | 61        | og.c       | c.b.c.m                       | 2.9               |                      |                            |      |           |            |                               |         |     |
|                | { Southend-on-Sea ... .. | —            | 78   | 58        | o.c.b.c    | bc                            | 3.2               |                      |                            |      |           |            |                               |         |     |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |            |                                   | Rain-<br>fall. | WEATHER.                     |                 |              |
|--|---------------------------|-----------------------|---|--|------------|-----------------------------------|----------------|------------------------------|-----------------|--------------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |            | Min. on<br>Grass.                 |                | Fore-<br>noon.               | After-<br>noon. | Night.       |
|  |                           |                       |   | Max.   | Min.       |                                   |                |                              |                 |              |
|  |                           |                       |   |  |            |                                   |                |                              |                 |              |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |  |            |                                   |                |                              |                 |              |
| Greenwich (Royal Obsy.) ...  | %<br>67                   | %<br>74               | Hr.<br>1.5                              | ° F.<br>77   | ° F.<br>63 | ° F.<br>53                        | mm.‡<br>-      | <br>o. c                     | <br>c. o        | <br>c b. b c |
| City (Bunhill Row) ...   | *<br>*                    | *<br>*                | 4.1                                     | *<br>*   | *<br>*     | *<br>*                            | *<br>*         | *<br>*                       | *<br>*          | *<br>*       |
| Westminster (St. James's Pk.)  | 71                        | 79                    | 2.8                                     | 77   | 63         | 59                                | -              | uc.                          | c. b c          | bc           |
| Camden Sq. (Brit. Rainfall)  | 61                        | 77                    | 4.5                                     | 80   | 63         | 59                                | -              | o. c                         | bc. c           | *            |
| Hampstead (Reservoir) ...  | *<br>*                    | 82                    | 4.3                                     | 76   | 60         | 50                                | -              | bc                           | cm              | bc m         |
| Richmond Park ...  | *<br>*                    | *                     | 2.6                                     | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |            |                                   |                |                              |                 |              |
| Kew. (See front page.)   |                           |                       |   |  |            |                                   |                |                              |                 |              |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   |  |            |                                   |                |                              |                 |              |
| S. Kensington (Roof of M.O.)   | 63                        | 73                    | 2.4                                     | Total.<br>777 Joules   |            | Average Rate.<br>17.2 Milliwatts. |                | Max. Rate.<br>58 Milliwatts. |                 |              |

## Additional Observations for Yesterday.

| STATIONS.                                   | RAIN-<br>FALL. | TEMPERATURE. |      |                               | WEATHER. |                |                 | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---|----------------|--------------|------|-------------------------------|----------|----------------|-----------------|---|
|   |                | In Screen.   |      | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon. | After-<br>noon. |   |
|   |                | Max.         | Min. |                               |          |                |                 |   |
|   | mm.‡           | * F.         | * F. | * F.                          |          |                |                 | ‡ Hr.                                   |
| Dublin to 4 p.m.                            |                | "            |      |                               |          |                |                 |   |
| Darwen to 9 p.m.                            | 1              | 67           | 56   | 56                            | ou.r     | ou.b           | b.c             | 5.7                                     |
| Manchester "                                |                |              |      | *                             |          |                |                 |   |
| Birmingham "                                | -              | 74           | 62   | 58                            |          | c.o            | c               | 3.6                                     |
| Oxford to 8 p.m.                            | *              | 74           | 64   | 62                            | o.c.o    | o.c            | c.o             | *                                       |
| Teignmouth to 9,,                           |                |              |      |                               |          |                |                 |   |
| Plymouth "                                  |                |              |      |                               |          |                |                 |   |
| S. Kensington<br>(Museum Grounds to 6 p.m.) | -              | 78           | 56   | 58                            | 0        | o.c.b.c        | c.b.c           | *                                       |

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

| ... 17th & 18th Sept., 1915. | Sunrise. | Noon.  | Sunset. |
|------------------------------|----------|--------|---------|
| G.M.T.                       | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                 | 5.31     | 11.48  | 6.4     |
| Greenwich ...                | 5.39     | 11.55  | 6.10    |
| Wick ...                     | 5.40     | 11.54  | 6.8     |
| Valencia ...                 | 5.47     | 12.7   | 6.24    |
|                              | 5.19     | 12.6   | 6.22    |
|                              | 6.20     | 12.36  | 6.34    |

## NOTES ON YESTERDAY'S WEATHER.

A very warm, oppressive day, many temperatures above 70°, South Kensington and Southend 78°. Scotland had good sunshine records, over 10 hours at Nairn and Carnoustie; elsewhere most of the records were small, none in places.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-baze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 261

Saturday  
18th September 1915.

| DATE.              | STATIONS.                 | YESTERDAY EVENING.                    |              |       |                |          | THIS MORNING 7 A.M., G.M.T.               |                          |              |       |                |      |          |             |                                     |       | PAST 24 HOURS. |           |            |         |        | Sun-<br>shine<br>for<br>Yester-<br>day. |
|--------------------|---------------------------|---------------------------------------|--------------|-------|----------------|----------|---|--------------------------|--------------|-------|----------------|------|----------|-------------|-------------------------------------|-------|----------------|-----------|------------|---------|--------|---|
|                    |                           | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND. |                | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | TEMP.<br>°F. | WIND. | Force<br>0-12. | Dir. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |                | WEATHER.  |            |         |        |   |
|                    |                           |                                       |              | Dir.  | Force<br>0-12. |          |   |                          |              |       |                |      |          |             |                                     | Max.  | Min.           | Morning.  | Afternoon. | Night.  |        |   |
| BRITISH ISLANDS.   | Lerwick                   | 1022.7                                | 47           | N     | 3              | c        | 1027.3                                    | +1                       | 44           | N     | 3              | N    | bc       | 2           | -                                   | 49    | 42             | c         | c          | bc      | Hours. |   |
|                    | Deerness                  | 1022.7                                | 46           | NE    | 3              | od       | 1027.4                                    | +                        | 47           | NE    | 3              | N    | c        | 2           | 5                                   | 51    | 43             | c         | c          | od. c   | 0.0    |   |
|                    | Stornoway                 | 1021.5                                | 54           | NE    | 2              | o        | 1024.7                                    | +1                       | 50           | E     | 4              | -    | cg       | 4           | 5                                   | 54    | 50             | od. p     | od. p      | o. cg   | 0.0    |   |
|                    | Castlebay (Barra Isd.)    | 1019.8                                | 59           | WSW   | 3              | df       | 1021.0                                    | 0                        | 55           | E     | 3              | -    | df       | 3           | 3                                   | 59    | 54             | rm. df    | z. df      | df. df  | 0.0    |   |
|                    | Glasgow                   | 1021.1                                | 58           | W     | 3              | odm      | 1024.3                                    | +4                       | 51           | ENE   | 4              | -    | og       | 4           | 4                                   | 64    | 50             | md. od    | od. p      | od. om  | 0.0    |   |
|                    | Eskdalemuir               | 1021.9                                | 57           | SW    | 4              | odm      | 1024.9                                    | +3                       | 51           | NE    | 3              | -    | og       | 4           | 2                                   | 64    | 51             | ym. km    | om. dm     | od. m   | 0.5    |   |
|                    | Malin Head                | 1021.9                                | 60           | W     | 2              | bc       | 1020.5                                    | -1                       | 58           | ESE   | 3              | 3    | cg       | 2           | -                                   | 64    | 57             | cg        | bc         | cg      | 0.6    |   |
|                    | Blacksod Point            | 1021.2                                | 62           | SSW   | 2              | cg       | 1017.8                                    | 0                        | 63           | ESE   | 2              | E    | bc       | 2           | -                                   | 64    | 52             | bc        | bc         | bc      | 0.6    |   |
|                    | Valencia                  | 1020.3                                | 68           | SE    | 4              | bc       | 1018.0                                    | 0                        | 60           | SE    | 2              | S    | c        | 3           | -                                   | 72    | 60             | c         | bc         | bc. bc  | 7.0    |   |
|                    | Roche's Point             | 1024.2                                | 61           | S     | 2              | f        | 1021.5                                    | +                        | 61           | E     | 2              | N    | bc       | 2           | 0.4                                 | 65    | 58             | o         | of         | bc. bc  | 6.5    |   |
|                    | Birr Castle               | 1021.7                                | 68           | S     | 1              | c        | 1020.1                                    | +                        | 60           | SSW   | 1              | -    | c        | 2           | -                                   | 72    | 55             | c         | c          | c       | 6.5    |   |
|                    | Donaghadee                | 1022.1                                | 64           | W     | 3              | cg       | 1021.6                                    | +1                       | 56           | SSW   | 2              | -    | of       | 2           | -                                   | 66    | 56             | om. dm    | bc. cg     | ogm. of | 8.3    |   |
|                    | Liverpool (Bidston)       | 1023.8                                | 60           | NNW   | 1              | c        | 1023.3                                    | 0                        | 58           | W     | 1              | -    | om       | 1           | -                                   | 67    | 57             | om        | om         | of. of  | 3.1    |   |
|                    | Holyhead                  | 1024.8                                | 59           | SSW   | 4              | of       | 1022.5                                    | +2                       | 58           | SW    | 4              | -    | fe       | 3           | 0.1                                 | 62    | 57             | om. om    | of. of     | of. of  | 5.3    |   |
|                    | Pembroke (St. Ann's)      | 1024.8                                | 62           | S     | 1              | bc       | 1023.5                                    | 0                        | 58           | ESE   | 2              | -    | f        | 1           | 0.4                                 | 65    | 55             | f         | bc         | bc      | 5.3    |   |
|                    | Scilly (St. Mary's)       | 1023.9                                | 63           | ESE   | 3              | gm       | 1020.6                                    | 0                        | 60           | ESE   | 3              | -    | ome      | 4           | 0.1                                 | 67    | 58             | bm        | bm         | bm. me  | 11.3   |   |
|                    | Falmouth                  | 1024.5                                | 63           | SE    | 1              | bc       | 1021.8                                    | -1                       | 60           | ENE   | 1              | -    | cg       | 2           | -                                   | 67    | 57             | of. bc    | bc         | bc. od  | 6.2    |   |
|                    | Jersey (St. Aubin)        | 1025.5                                | 73           | E     | 2              | bc       | 1022.7                                    | +                        | 60           | E     | 1              | -    | bm       | 0           | -                                   | 75    | 57             | bm. bc    | bc         | bm      | 11.1   |   |
|                    | Portland Bill             | 1025.7                                | 63           | -     | 0              | bc       | 1024.9                                    | 0                        | 61           | -     | 0              | -    | bc       | 2           | -                                   | 66    | 59             | bc        | bc         | bc. bc  | 1.1    |   |
|                    | Dungeness                 | 1025.1                                | 63           | SW    | 2              | c        | 1022.7                                    | 0                        | 52           | -     | 0              | -    | bc       | 0           | 0.1                                 | 70    | 51             | o. c      | c          | bc. bc  | 5.8    |   |
|                    | Dover                     | 1025.4                                | 63           | SW    | 4              | bc       | 1023.0                                    | 0                        | 61           | W     | 1              | -    | bc       | 1           | -                                   | 71    | 56             | c. bc. bc | bc. bc     | bc      | 5.8    |   |
| Wick               | 1022.1                    | 51                                    | ESE          | 2     | o              | 1027.4   | +3  | 48                       | ENE          | 3     | E              | o    | 3        | 13          | 52                                  | 45    | om. dr         | st. om    | om. dr     | 0.0     |        |   |
|                    | Nairn                     | 1020.7                                | 53           | E     | 1              | od       | 1026.2                                    | +                        | 47           | ENE   | 1              | -    | ou       | 2           | 11                                  | 56    | 46             | r. od     | cu         | od. u   | 0.0    |   |
|                    | Aberdeen                  | 1022.7                                | 52           | ENE   | 3              | bc       | 1026.9                                    | +3                       | 49           | ENE   | 3              | -    | o        | 2           | 10                                  | 53    | 48             | odm       | omr        | or. o   | 0.0    |   |
|                    | Leith                     | 1019.5                                | 63           | W     | 2              | o        | 1025.2                                    | +5                       | 52           | E     | 3              | -    | od       | 2           | 5                                   | 65    | 51             | od. o     | o. c. o    | o       | 0.0    |   |
|                    | Tynemouth                 | 1020.5                                | 62           | W     | 2              | em       | 1024.5                                    | +4                       | 54           | E     | 3              | -    | omr      | 3           | 2                                   | 68    | 53             | og        | cg         | omr     | 0.0    |   |
|                    | Spurn Head                | 1022.6                                | 65           | NNW   | 3              | bc       | 1024.1                                    | +1                       | 60           | NNW   | 3              | -    | o        | 3           | -                                   | 70    | 57             | bc        | bc         | bc. om  | 4.2    |   |
|                    | Yarmouth                  | 1022.9                                | 69           | W     | 2              | bc       | 1022.1                                    | +3                       | 57           | W     | 2              | -    | bc       | 1           | -                                   | 74    | 55             | c. bc     | c. bc      | bc      | 4.2    |   |
|                    | Clacton-on-Sea            | 1024.3                                | 71           | W     | 2              | bc       | 1023.1                                    | 0                        | 59           | W     | 2              | NW   | bc       | 1           | -                                   | 75    | 56             | cg. bc    | bc         | bc. od  | 6.0    |   |
|                    | Nottingham                | 1023.3                                | 68           | W     | 1              | c        | 1023.5                                    | +                        | 53           | WSW   | 1              | -    | m        | 1           | -                                   | 75    | 52             | c. bc     | bc         | c. bc   | 5.1    |   |
|                    | Bath                      | 1024.8                                | 72           | SW    | -              | bc       | 1023.4                                    | +                        | 53           | E     | -              | -    | m        | 1           | -                                   | 76    | 51             | m. bc. o  | bc. bc     | bc. bc  | 8.9    |   |
|                    | Sth Farnborough           | 1024.5                                | 70           | -     | 0              | bc       | 1023.2                                    | +1                       | 50           | -     | 0              | -    | bc       | 1           | -                                   | 77    | 49             | bc. bc    | bc         | bc. bc  | 9.9    |   |
| London (Kew Obsy.) | 1024.8                    | 70                                    | SW           | 1     | c              | 1023.6   | +1  | 55                       | SW           | 1     | -              | fe   | 1        | trace       | 75                                  | 54    | om. bc. bc     | bc. c     | c. fe      | 8.1     |        |   |
| NORTHERN EUROPE.   | Spitsbergen               | 1016.9                                | 30           | -     | 0              | c        | 1021.6                                    | +2                       | 30           | NNE   | 6              | +    | bc       | 2           | +                                   | 32    | 25             | -         | -          | -       | -      |   |
|                    | Vardö                     | 1005.1                                | 43           | NE    | 4              | o        | 1008.2                                    | +1                       | 43           | NNE   | 2              | N    | c        | 2           | +                                   | 43    | 37             | -         | -          | -       | -      |   |
|                    | Bodö                      | 1009.0                                | 41           | W     | 4              | c        | 1012.8                                    | +5                       | 39           | E     | 1              | -    | bc       | 1           | 1                                   | 46    | 34             | -         | -          | -       | -      |   |
|                    | Christiansund             | 1014.0                                | 45           | NW    | 3              | bc       | 1016.7                                    | +1                       | 45           | NW    | 4              | -    | c        | 3           | 6                                   | 48    | 41             | -         | -          | -       | -      |   |
|                    | Skudesnaes                | 1017.3                                | 48           | NW    | 5              | 4        | 1020.4                                    | +3                       | 46           | WNW   | 5              | -    | bc       | 2           | 2                                   | 52    | 41             | -         | -          | -       | -      |   |
|                    | Færder (Xania Fjord)      | 1010.9                                | 55           | NW    | 3              | bc       | 1013.9                                    | +4                       | 48           | NNW   | 4              | -    | bc       | 2           | -                                   | 59    | 46             | -         | -          | -       | -      |   |
|                    | The Scaw (Skagen)         | 1011.4                                | 57           | NNW   | 5              | o        | 1013.5                                    | +4                       | 52           | N     | 6              | -    | bc       | 6           | -                                   | 61    | 50             | -         | -          | -       | -      |   |
|                    | Blaavands Huk             | 1018.0                                | 55           | NW    | 3              | o        | 1017.5                                    | +3                       | 54           | NW    | 6              | NW   | c        | 5           | trace                               | 57    | 52             | -         | -          | -       | -      |   |
|                    | Haparanda                 | 1004.8                                | 41           | N     | 2              | c        | 1007.9                                    | +2                       | 37           | N     | 4              | E    | bc       | 1           | trace                               | 46    | 32             | -         | -          | -       | -      |   |
|                    | Hernösand                 | 1003.8                                | 41           | SE    | 4              | o        | 1004.8                                    | +3                       | 39           | NNW   | 6              | -    | bc       | 1           | 6                                   | 50    | 37             | -         | -          | -       | -      |   |
|                    | Stockholm                 | 1003.3                                | 48           | NW    | 6              | o        | 1002.4                                    | 0                        | 41           | NW    | 6              | -    | bc       | 1           | 3                                   | 54    | 37             | -         | -          | -       | -      |   |
| FRANCE, &c.        | Wisby                     | 1004.6                                | 54           | NNW   | 6              | o        | 1001.7                                    | 0                        | 45           | NNW   | 8              | -    | c        | 1           | -                                   | 57    | 43             | -         | -          | -       | -      |   |
|                    | Karlstad                  | 1008.8                                | 34           | N     | 2              | bc       | 1009.6                                    | +1                       | 43           | NNW   | 8              | -    | bc       | 1           | -                                   | 57    | 36             | -         | -          | -       | -      |   |
|                    | Petrograd (5 a.m. G.M.T.) | 1008.8                                | 34           | N     | 2              | bc       | 1009.6                                    | +1                       | 43           | NNW   | 8              | -    | bc       | 1           | -                                   | 57    | 36             | -         | -          | -       | -      |   |
|                    | The Helder                | 1022.4                                | 64           | WSW   | 3              | o        | 1021.0                                    | +2                       | 59           | NNE   | 3              | -    | bc       | 2           | trace                               | 68    | 59             | -         | -          | -       | -      |   |
|                    | C. Gris Nez               | 1025.5                                | 63           | SW    | 3              | bc       | 1023.3                                    | 0                        | 60           | SSW   | 1              | -    | bc       | 1           | -                                   | 70    | 59             | -         | -          | -       | -      |   |
|                    | La Hève                   | 1025.0                                | 68           | -     | 0              | c        | 1023.4                                    | +                        | 59           | SE    | 3              | +    | m        | 0           | -                                   | 70    | 52             | -         | -          | -       | -      |   |
|                    | Ushant                    | 1024.7                                | 67           | NW    | 1              | bc       | 1020.2                                    | -1                       | 64           | E     | 3              | +    | bc       | 2           | -                                   | 84    | 64             | -         | -          | -       | -      |   |
|                    | Rochefort (Ile d'Aix)     | 1022.7                                | 74           | ENE   | 1              | bc       | 1020.8                                    | 0                        | 69           | ESE   | 3              | +    | bc       | 1           | -                                   | 90    | 59             | -         | -          | -       | -      |   |
|                    | Biarritz                  | 1020.8                                | 70           | SE    | 2              | bc       | 1018.6                                    | 0                        | 70           | SE    | 2              | +    | bc       | 3           | -                                   | 88    | 66             | -         | -          | -       | -      |   |
|                    | Paris                     | 1026.1                                | 68           | -     | 0              | o        | 1023.8                                    | 0                        | 57           | -     | 0              | -    | bc       | 1           | -                                   | 73    | 54             | -         | -          | -       | -      |   |
|                    | Belfort                   | 1026.7                                | 68           | -     | 0              | c        | 1025.7                                    | +                        | 55           | -     | 0              | -    | bc       | 1           | -                                   | 74    | 49             | -         | -          | -       | -      |   |
| SOUTHERN EUROPE.   | Lyons                     | 1026.2                                | 71           | -     | 0              | bc       | 1024.3                                    | +                        | 59           | -     | 0              | -    | bc       | 1           | -                                   | 77    | 55             | -         | -          | -       | -      |   |
|                    | Nice                      | 1025.3                                | 66           | -     | 0              | bc       | 1021.9                                    | -1                       | 65           | E     | 1              | +    | bc       | 0           | -                                   | 81    | 57             | -         | -          | -       | -      |   |
|                    | Perpignan                 | 1023.9                                | 66           | E     | 1              | bc       | 1022.9                                    | 0                        | 64           | NW    | 1              | -    | o        | 1           | -                                   | 75    | 57             | -         | -          | -       | -      |   |
|                    | Sanguinaire               | 1020.4                                | 75           | N     | 2              | bc       | 1018.9                                    | 0                        | 68           | NE    | 1              | -    | bc       | 2           | -                                   | 82    | 59             | -         | -          | -       | -      |   |
|                    | Corunna (7 a.m.)          | 1020.4                                | 75           | N     | 2              | bc       | 1018.9                                    | 0                        | 68           | NE    | 1              | -    | bc       | 2           | -                                   | 82    | 59             | -         | -          | -       | -      |   |
|                    | Madrid (8 a.m.)           | 1017.9                                | 82           | SW    | 3              | bc       | 1019.1                                    | +1                       | 68           | +     | 0              | -    | bc       | 5           | -                                   | 88    | 68             | -         | -          | -       | -      |   |
|                    | Lisbon (9 a.m.)           | 1017.9                                | 82           | SW    | 3              | bc       | 1019.1                                    | +1                       | 68           | +     | 0              | -    | bc       | 5           | -                                   | 88    | 68             | -         | -          | -       | -      |   |
|                    | Gibraltar                 | 1021.0                                | 71           | E     | 6              | o        | 1019.3                                    | +                        | 70           | E     | 6              | +    | o        | 2           | -                                   | 73    | 70             | -         | -          | -       | -      |   |
|                    | Rome                      | 1008.7                                | +            | W     | 6              | c        | 1007.0                                    | 0                        | 63           | NW    | 3              | +    | bc       | 3           | 7                                   | 72    | 63             | -         | -          | -       | -      |   |
|                    | Malta (8 a.m.)            | 1016.4                                | 78           | W     | 2              | c        | 1016.3                                    | 0                        | 73           | W     | 2              | N    | bc       | 2           | -                                   | 77    | 72             | -         | -          | -       | -      |   |
|                    | Azores (Horta, 8 a.m.)    | 1008.7                                | +            | W     | 6              | c        | 1007.0                                    | 0                        | 63           | NW    | 3              | +    | bc       | 3           | 7                                   | 72    | 63             | -         | -          | -       | -      |   |
| Madeira (Funchal)  | 1016.4                    | 78                                    | W            | 2     | c              | 1016.3   | 0   | 73                       | W            | 2     | N              | bc   | 2        | -           | 77                                  | 72    | -              | -         | -          | -       |        |   |

South Farnborough

Pilot Balloon Ascent at about 7 a.m.

2000 metres. WSW 14 miles per hour.

500 metres. NNW 8 miles per hour.

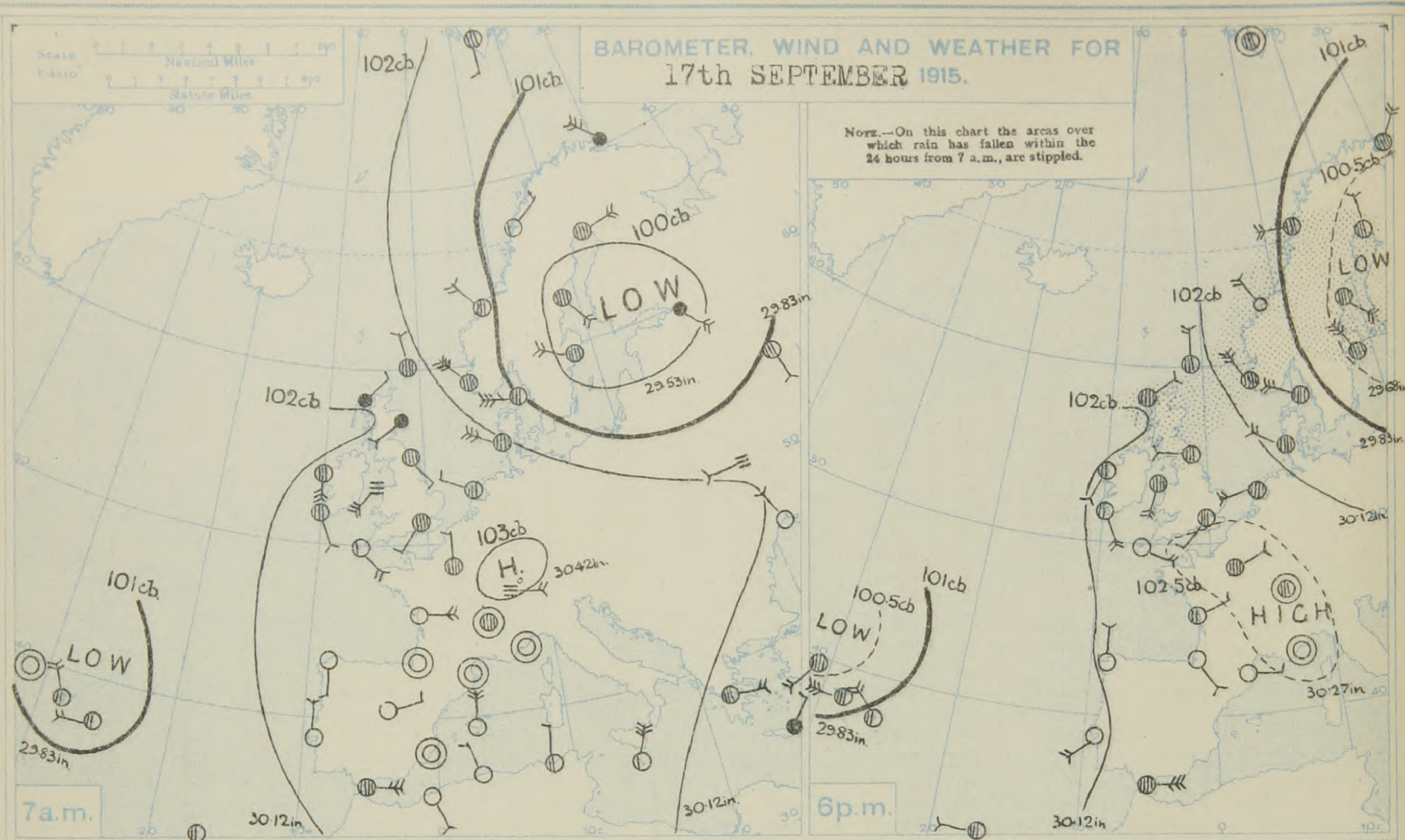
## RAINFALL. Equivalents of Millimetres. in Inches.

| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.61    |
| 17  | 0.67    | 42  | 1.65    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |
| 21  | 0.83    | 46  | 1.81    |
| 22  | 0.87    | 47  | 1.85    |
| 23  | 0.91    | 48  | 1.89    |
| 24  | 0.95    | 49  | 1.93    |
| 25  | 0.98    | 50  | 1.97    |

### South Farnborough

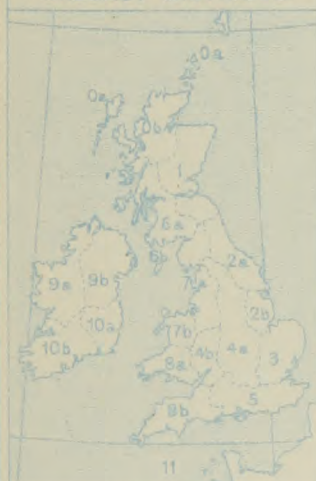
Pilot Balloon Ascent at





FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Coast.               | South Coast.                  |
| North Coast.               | North Coast.                  |

No warnings Issued.

Western Channel and Bay 11

FURTHER OUTLOOK.

R. G. K. LEMPFFERT, Superintendent, Forecast Division.

W. NAPIER SHAW, Director

- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | Light to moderate North-Easterly to Easterly breezes;       |
|    | b |   |   |
| 1  |   | } | dull, some rain and mist; fairer later;                     |
|    |   |   |   |
| 2  | a | } | cool.   |
|    | b |   |   |
| 3  |   | } | Light variable breezes, becoming North-Easterly             |
|    |   |   |   |
| 4  | a | } | to Easterly; fine to cloudy and misty, morning fog locally; |
|    | b |   |   |
| 5  |   | } | moderate temperature.                                       |
|    |   |   |   |
| 6  | a | } | Same as Nos 0 to 2.   |
|    | b |   |   |
| 7  | a | } | Light variable to light or moderate North-Easterly          |
|    | b |   |   |
| 8  | a | } | to Easterly breezes; dull, some rain, mist or fog, fairer   |
|    | b |   |   |
| 9  | a | } | later; moderate temperature.                                |
|    | b |   |   |
| 10 | a | } | Light South-Easterly to Easterly breezes; fair to           |
|    | b |   |   |
|    |   | } | fine, coast fog; moderate temperature.                      |
|    |   |   |   |
|    |   | } | Light South-Easterly to Southerly breezes; fine to          |
|    |   |   |   |
|    |   | } | cloudy, some mist, coast fog; mild.                         |
|    |   |   |   |
|    |   | } | Light to moderate South-Easterly to Southerly               |
|    |   |   |   |
|    |   | } | breezes; sea slight to moderate; fair to fine, local mist   |
|    |   |   |   |
|    |   | } | or fog; moderate temperature.                               |
|    |   |   |   |

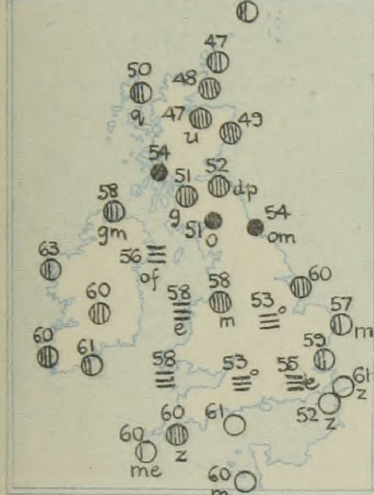


# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 18th SEPTEMBER, 1915.

## GENERAL INFERENCE.

Pressure exhibits a slight upward tendency, and a quiet anticyclonic type of conditions is likely to prevail.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



## 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 1/4 clouded. ○ sky 1/2 clouded.  
 ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.
- SEA DISTURBANCE.**—Rough wavy. Higher.

Inches  
31

30

29

Scale 1:100,000  
 Nautical Miles 0 1 2 3 4 5  
 Statute Miles 0 1 2 3 4 5

Normal Temperature of the Sea.

Below 50 50-60 60-70 Above 70  
 Scale of Tinks for SEPTEMBER.

101.5cb

101cb

LOW

29.83in

102.5cb

HIGH

102.5cb

102cb

Barometer

30.27in

Barometer

Barometer

Barometer

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## DAILY WEATHER REPORT.

Saturday, 18th September, 1915.

REPORTS  
FOR  
YESTERDAY.

17th September 1915

| STATIONS.  | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |              |                           |        |                |                                 |          |             |      | Rain-fall.<br>Milli-<br>metres. | TEMP. |  |
|------------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|------|---------------------------------|-------|--|
|            | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-8. | Max. |                                 | Min.  |  |
|            |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |      |                                 |       |  |
|            |                                       | ° F.  |        |                |          |                                |                          | ° F.         | ° F.                      |        |                |                                 |          |             |      |                                 |       |  |
| Petrograd. | 1012.3                                | 48    | SSW    | 2              | 0        | 996.4                          | -                        | 50           | 0                         | SE     | 4              | -                               | r        | *           | 11   | 59                              | 46    |  |
| Lyons.     | 1028.3                                | 67    | -      | 0              | b        | 1029.2                         | +                        | 60           | -4                        | -      | 0              | +                               | 0        | *           | -    | 77                              | 60    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm.† | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm.† | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|---------------------|-------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|-------------------|--------------|------|-----------|------------|--------------------------------------|
|                     |                   | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                   | Max.         | Min. | Forenoon. | Afternoon. |                                      |
|                     |                   | ° F.         | ° F. |           |            |                                      |                       |                   | ° F.         | ° F. |           |            |                                      |
| Scotland.           |                   |              |      |           |            |                                      | (Tunbridge Wells ...  |                   | 75           | 61   | b.c.b     | b          | 7.2                                  |
| Oban ...            | 1                 | 60           | 54   | r.d       | c.o        | 0.0                                  | Margate ...           |                   | 76           | 65   | c         | b          | 6.5                                  |
| Banff ...           | 15                | 53           | 51   | r         | r.d        | 0.0                                  | Ramsgate ...          |                   | 75           | 62   | bc        | bc         | 5.6                                  |
| Carnoustie ...      | 6                 | 54           | 51   | r.o       | r          | 0.0                                  | Hastings ...          |                   | 72           | 62   | bc.b      | b          | 5.4                                  |
| St. Andrews ...     | 5                 | 55           | 52   | *         | *          | 0.0                                  | Bexhill-on-Sea ...    |                   |              |      |           |            |                                      |
| Eng. N.E.           |                   |              |      |           |            |                                      | Eastbourne ...        |                   | 72           | 63   | b.c.b     | b          | 6.9                                  |
| Harrogate ...       | 0.3               | 68           | 56   | b.c.b     | b.c.c      | 3.9                                  | Seaford ...           |                   | 69           | 60   | b         | b          | 7.5                                  |
| Skegness ...        | -                 | 74           | 57   | b.c       | bc.c       | 5.4                                  | Brighton ...          |                   |              |      |           |            |                                      |
| Eng. N.W.           |                   |              |      |           |            |                                      | Worthing ...          |                   | 72           | 62   | bc        | bc         | 6.5                                  |
| Morecambe ...       | -                 | 63           | 55   | b.c       | bc.c       | 2.5                                  | Littlehampton ...     |                   | 68           | 63   | bc        | b          | 5.5                                  |
| Blackpool ...       | -                 | 65           | 58   | b.c       | bc         | 4.2                                  | Bognor ...            |                   | 68           | 62   | bc        | b          | 4.8                                  |
| Southport ...       | -                 | 64           | 58   | b.c.b     | bc.c       | 6.4                                  | Southsea ...          |                   | 74           | 62   | b         | b          | 9.0                                  |
| Midlands.           |                   |              |      |           |            |                                      | Bournemouth ...       |                   | 73           | 59   | w.f.b     | bc         | 7.1                                  |
| Buxton ...          | -                 | 70           | 55   | b         | b          | 8.2                                  | Weymouth ...          |                   | 72           | 59   | m.b       | b          | 6.3                                  |
| Leamington Spa ...  | -                 | 75           | 58   | bc        | bc         | 6.8                                  | Torquay ...           |                   | 70           | 57   | b         | b          | 9.9                                  |
| Malvern ...         | -                 | 74           | 58   | bc        | bc         | 8.5                                  | Paignton ...          |                   | 64           | 54   | b         | bc         | 4.8                                  |
| Ross-on-Wye ...     | -                 | 75           | 57   | bc        | bc.b       | 7.9                                  | Falmouth ...          |                   | 67           | 55   | b.c.b     | b          | 6.1                                  |
| Wales.              |                   |              |      |           |            |                                      | Penzance ...          |                   | 69           | 57   | b.c.b     | b          | 8.5                                  |
| Rhyl ...            | -                 | 72           | 59   | b         | bc.b       | 8.6                                  | Newquay ...           |                   | 72           | 52   | b.c.b     | b          | 10.3                                 |
| Colwyn Bay ...      | -                 | 70           | 60   | bc        | bc.c       | 9.4                                  | Ilfracombe ...        |                   | 73           | 58   | b         | b.c        | 10.5                                 |
| Llandudno ...       | -                 |              |      |           |            |                                      | Weston-super-Mare ... |                   | 77           | 57   | m.b       | b.c        | 8.5                                  |
| Aberystwyth ...     | -                 | 67           | 60   | b.c       | c.o        | ?                                    |                       |                   |              |      |           |            |                                      |
| Tenby ...           | 0.3               | 69           | 56   | bc        | b          | 4.6                                  |                       |                   |              |      |           |            |                                      |
| England, E.         |                   |              |      |           |            |                                      |                       |                   |              |      |           |            |                                      |
| Cromer ...          | -                 | 75           | 61   | om        | c.bcm      | 3.8                                  |                       |                   |              |      |           |            |                                      |
| Lowestoft ...       | -                 | 75           | 61   | b.c       | c.o.b      | 4.2                                  |                       |                   |              |      |           |            |                                      |
| Felixstowe ...      | -                 | 76           | 60   | om        | bc         | 5.4                                  |                       |                   |              |      |           |            |                                      |
| Walton-on-Naze ...  | -                 | 75           | 63   | b.c       | bc.b       | 5.7                                  |                       |                   |              |      |           |            |                                      |
| Southend-on-Sea ... | -                 | 78           | 61   | b.c       | b.c        | 4.7                                  |                       |                   |              |      |           |            |                                      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE. |            |                   | Rain-<br>fall. | WEATHER.       |                 |        |
|--|---------------------------|-----------------------|---|--------------|------------|-------------------|----------------|----------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |            | Min. on<br>Grass. |                | Fore-<br>noon. | After-<br>noon. | Night. |
|  |                           |                       |   | Max.         | Min.       |                   |                |                |                 |        |
|  |                           |                       |   |              |            |                   |                |                |                 |        |
|  |                           |                       |   |              |            |                   |                |                |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |              |            |                   |                |                |                 |        |
| Greenwich (Royal Obsy.) ...  | %<br>52                   | %<br>81               | Hr.<br>7.2                              | ° F.<br>79   | ° F.<br>55 | ° F.<br>43        | mm.‡<br>-      | b.c            | b.c.b           | b.m    |
| City (Bunhill Row) ...   | *<br>x                    | *<br>x                | 7.1                                     | x            | x          | x                 | x              | x              | x               | x      |
| Westminster (St. James's Pk.)  | 59                        | 84                    | 7.6                                     | 76           | 57         | 54                | -              | b.c            | b.c.bcm         | b.m    |
| Camden Sq. (Brit. Rainfall)  | 52                        | 75                    | 7.2                                     | 80           | 57         | 54                | -              | b              | b               | *      |
| Hampstead (Reservoir) ...  | *<br>x                    | 81                    | 7.6                                     | 75           | 52         | 41                | -              | b.c            | b.c.m           | b      |
| Richmond Park  | *                         | *                     | 8.5                                     |              |            |                   |                |                |                 |        |
| Kew. (See front page.)   |                           |                       |   |              |            |                   |                |                |                 |        |
| VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                           |                       |   |              |            |                   |                |                |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.)       |                           |                       |   | Total.       | Joules.    |                   | Average Rate.  | Max. Rate.     |                 |        |
| S. Kensington (Roof of M.O.)   | 52                        | 79                    | 7.8                                     | 1286         |            |                   | 285            | Milliwatts.    |                 |        |
|  |                           |                       |   |              |            |                   |                | 61             |                 |        |

## Additional Observations for Yesterday.

| STATIONS.                                   | RAIN-<br>FALL. | TEMPERATURE. |      |                               | WEATHER. |                |                 | Sun-<br>shin<br>for<br>Yester-<br>day. |
|---|----------------|--------------|------|-------------------------------|----------|----------------|-----------------|--|
|   |                | In Screen.   |      | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon. | After-<br>noon. |  |
|   |                | Max.         | Min. |                               |          |                |                 |  |
|   |                | ° F.         | ° F. |                               |          |                |                 |  |
| Dublin to 4 p.m.                            | mm.‡           | ° F.         | ° F. | ° F.                          |          |                |                 | Hr.                                    |
| Darwen to 9 p.m.                            |                |              |      |                               |          |                |                 | *                                      |
| Manchester "                                |                |              |      | *                             |          |                |                 |  |
| Birmingham "                                |                |              |      |                               | *        |                |                 |  |
| Oxford to 8 p.m.                            | *              | 75           | 60   | 53                            | o. b     | b              | b               | *                                      |
| Teignmouth to 9 "                           | -              | 66           | 57   | 56                            | b. f     | f. b c         | f               | o 6                                    |
| Plymouth "                                  |                |              |      |                               |          |                |                 |  |
| S. Kensington<br>(Museum Grounds to 6 p.m.) | .              | 78           | 64   | 56                            | b c. o   | b c. b         | b c             | *                                      |

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

| STATIONS.     | 18th Sept. 1915. |              |            |
|---------------|------------------|--------------|------------|
|               | Sunrise.         | Noon.        | Sunset.    |
| Yarmouth ...  | G.M.T. 5.32      | G.M.T. 11.47 | G.M.T. 6.2 |
| Greenwich ... | 5.34             | 11.47        | 6.0        |
| Wick ...      | 5.42             | 11.54        | 6.6        |
| Valencia ...  | 5.49             | 12.6         | 6.24       |
|               | 5.51             | 12.6         | 6.21       |
|               | 6.20             | 12.33        | 6.50       |
|               | 6.22             | 12.35        | 6.48       |

## NOTES ON YESTERDAY'S WEATHER.

Temperature was much lower over Scotland, only 49° at Lerwick. It was still high elsewhere, 78° at South Kensington. Rain was general in the north, 13 millimetres at Wick. Scotland was sunless, the records elsewhere ranging up to over 11 hours at Scilly and Jersey.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

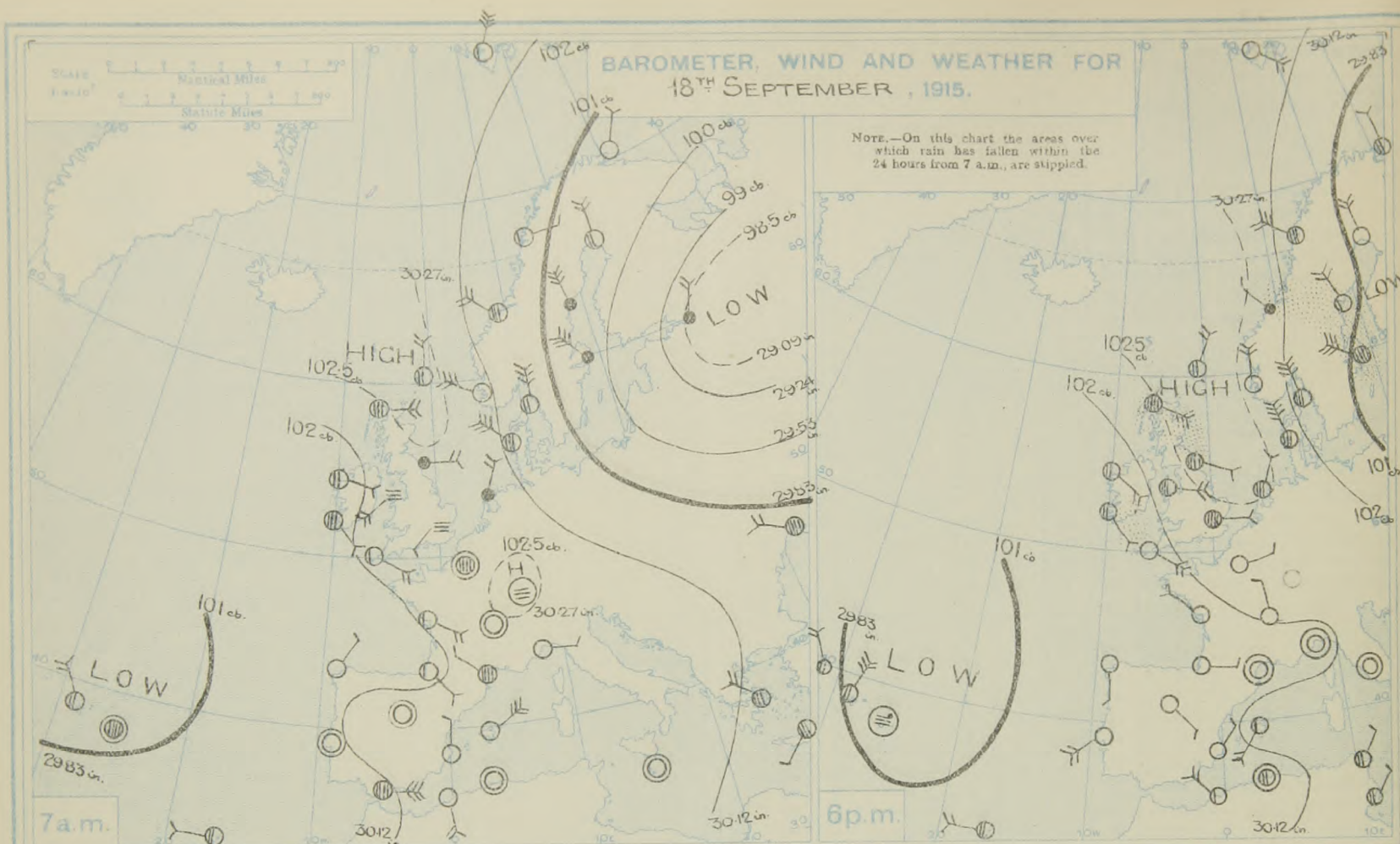


## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No.262

Sunday,  
19th September 1915.

| DATE.                 | STATIONS.                 | YESTERDAY EVENING.                    |              |        |                |          | THIS MORNING 7 A.M., G.M.T.               |                          |              |                           |        |                |                                 |          |             |                                     | PAST 24 HOURS. |        |          |            |         |        |      | Sun-<br>shine<br>for<br>Yester-<br>day. |
|-----------------------|---------------------------|---------------------------------------|--------------|--------|----------------|----------|---|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|--------|----------|------------|---------|--------|------|---|
|                       |                           | Barom.<br>Milli-<br>bars at<br>M.S.L. | Temp.<br>°F. | Wind.  |                | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 5<br>hours. | Temp.<br>°F. | Change<br>in 24<br>hours. | Wind.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | Temp.          |        | Weather. |            |         |        |      |   |
|                       |                           |                                       |              | Direc. | Force<br>0-12. |          |   |                          |              |                           | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.           | Min.   | Morning. | Afternoon. | Night.  |        |      |   |
| BRITISH ISLANDS.      | Lerwick                   | 1029.6                                | 47           | NNE    | 3              | bc       | 1030.1                                    | 0                        | 46           | +2                        | NE     | 2              | E                               | bc       | 2           | -                                   | 49             | 42     | bc       | bc         | bc      | Hours. |      |   |
|                       | Deerness                  | 1029.4                                | 46           | E      | 1              | c        | 1028.8                                    | 2                        | 49           | +2                        | ESE    | 3              | NW                              | o        | 3           | -                                   | 53             | 44     | c.bc     | bc.c       | c.o     | 6.5    |      |   |
|                       | Stornoway                 | 1025.0                                | 52           | ESE    | 5              | og       | 1023.6                                    | 0                        | 51           | +1                        | ESE    | 3              | -                               | or       | 3           | 2                                   | 53             | 49     | og       | og         | o.c.or  | 0.0    |      |   |
|                       | Castlebay (Barra Isd.)    | 1021.8                                | 56           | E      | 4              | o        | 1021.2                                    | 0                        | 56           | +1                        | E      | 4              | -                               | o        | 4           | 0.2                                 | 57             | 54     | fd.o     | o          | o.p.o   | 0.0    |      |   |
|                       | Glasgow                   | 1026.0                                | 49           | ENE    | 4              | r        | 1025.7                                    | 0                        | 49           | -2                        | ENE    | 3              | -                               | og       | *           | 2                                   | 52             | 47     | ond      | ond        | d. om   | 0.0    |      |   |
|                       | Eskdalemuir               | 1026.0                                | 50           | NE     | 3              | o        | 1026.2                                    | 0                        | 49           | -2                        | ENE    | 1              | -                               | od       | *           | 0.4                                 | 53             | 48     | or.o     | or.o       | o.od    | 0.0    |      |   |
|                       | Malin Head                | 1019.8                                | 68           | ESE    | 4              | amg      | 1019.6                                    | 0                        | 58           | 0                         | SE     | 3              | -                               | om       | 3           | -                                   | 62             | 56     | cm       | cm         | om      | 2.3    |      |   |
|                       | Blacksod Point            | 1016.8                                | 68           | SE     | 3              | bc       | 1015.3                                    | -1                       | 61           | -2                        | SE     | 6              | S                               | bcg      | 3           | -                                   | 71             | 58     | bc       | bc         | bc.bcg  | *      |      |   |
|                       | Valencia                  | 1015.8                                | 69           | SE     | 2              | bc       | 1014.2                                    | 0                        | 65           | +5                        | SE     | 3              | S                               | o        | 3           | -                                   | 75             | 64     | c.bc     | bc.b.bc    | bc.c    | 8.5    |      |   |
|                       | Roche's Point             | 1019.9                                | 63           | SE     | 2              | c        | 1018.9                                    | 0                        | 62           | +1                        | SE     | 3              | -                               | o        | 3           | 0.4                                 | 67             | 61     | bc       | bc.c       | cf. om  | *      |      |   |
|                       | Birr Castle               | 1019.0                                | 65           | SE     | 1              | bc       | 1018.2                                    | 0                        | 61           | +1                        | SE     | 2              | -                               | c        | 2           | -                                   | 73             | 59     | bc       | bc         | c       | 8.9    |      |   |
|                       | Donaghadee                | 1021.8                                | 57           | SSE    | 3              | f        | 1021.9                                    | 0                        | 57           | +1                        | SE     | 5              | -                               | agm      | 4           | -                                   | 58             | 55     | f        | fe         | agm     | *      |      |   |
|                       | Liverpool (Bidston)       | 1022.6                                | 61           | E      | 3              | bc       | 1022.1                                    | 0                        | 56           | -2                        | E      | 4              | E                               | o        | 3           | -                                   | 71             | 56     | om       | bm         | cm      | 3.5    |      |   |
|                       | Holyhead                  | 1021.1                                | 63           | E      | 4              | cm       | 1021.5                                    | +1                       | 59           | +1                        | -      | 0              | -                               | bcm      | 0           | -                                   | 73             | 57     | f.c.bc   | bc.c       | bc.c.bc | 4.8    |      |   |
|                       | Pembroke (St. Ann's)      | 1020.9                                | 64           | SE     | 1              | b        | 1020.6                                    | 0                        | 60           | +2                        | ESE    | 5              | -                               | b        | 3           | -                                   | 64             | 53     | f        | ban        | b       | 9.2    |      |   |
| NORTHERN EUROPE.      | Silly (St. Mary's)        | 1018.7                                | 62           | ESE    | 4              | bm       | 1016.7                                    | -1                       | 60           | 0                         | ESE    | 6              | -                               | f        | 6           | 0.1                                 | 67             | 59     | bm.f     | bm         | bm.f    | 1.2    |      |   |
|                       | Falmouth                  | 1020.2                                | 62           | E      | 1              | by       | 1019.1                                    | 0                        | 60           | 0                         | E      | 3              | -                               | o        | 4           | -                                   | 65             | 59     | f        | f.b        | bc.o    | 2.6    |      |   |
|                       | Jersey (St. Aubin)        | 1020.2                                | 74           | E      | 2              | b        | 1019.6                                    | 0                        | 64           | +4                        | E      | 3              | -                               | bm       | 3           | -                                   | 71             | 60     | b        | b          | bmw     | 11.0   |      |   |
|                       | Portland Bill             | 1021.6                                | 63           | E      | 3              | b        | 1021.3                                    | 0                        | 61           | 0                         | E      | 6              | E                               | bc       | 4           | -                                   | 67             | 60     | b        | b          | b.bc    | *      |      |   |
|                       | Dungeness                 | 1021.8                                | 62           | E      | 4              | bcg      | 1024.3                                    | +1                       | 58           | +6                        | E      | 4              | E                               | b        | 3           | -                                   | 68             | 51     | by       | bcg        | b.c.b   | *      |      |   |
|                       | Dover                     | 1023.7                                | 60           | NE     | 3              | b        | 1025.6                                    | ?                        | 57           | -4                        | E      | 5              | E                               | b        | 4           | -                                   | 71             | 55     | z.b      | b          | b.bc    | 10.1   |      |   |
|                       | Wick                      | 1025.5                                | 50           | E      | 3              | o        | 1028.0                                    | 0                        | 50           | +2                        | ESE    | 4              | SE                              | c        | 4           | -                                   | 50             | 47     | o.eg     | c.og       | eg.ome  | *      |      |   |
|                       | Nairn                     | 1026.4                                | 50           | E      | 1              | om       | 1026.1                                    | 0                        | 46           | +1                        | E      | 1              | -                               | od       | 2           | 3                                   | 50             | 46     | ondp     | omp        | ogd     | 0.0    |      |   |
|                       | Aberdeen                  | 1028.5                                | 50           | ESE    | 3              | o        | 1028.5                                    | +1                       | 50           | +1                        | SE     | 3              | -                               | r        | 2           | 0.1                                 | 52             | 49     | op       | op         | op      | 0.0    |      |   |
|                       | Leith                     | 1026.5                                | 51           | E      | 1              | o        | 1026.1                                    | 0                        | 53           | +1                        | ESE    | 2              | -                               | o        | 4           | 1                                   | 53             | 50     | od       | od.o       | oe.o    | *      |      |   |
|                       | Tynemouth                 | 1026.5                                | 54           | ESE    | 2              | og       | 1026.7                                    | 0                        | 52           | -2                        | SSE    | 3              | -                               | og       | 4           | 1                                   | 54             | 52     | omr      | ogm        | egm     | *      |      |   |
|                       | Spurn Head                | 1027.1                                | 58           | ESE    | 5              | o        | 1027.6                                    | 0                        | 56           | -4                        | SE     | 5              | -                               | eg       | 4           | -                                   | 60             | 51     | odr      | c.og       | eg      | 0.0    |      |   |
|                       | Yarmouth                  | 1025.7                                | 59           | E      | 4              | o        | 1027.2                                    | +2                       | 57           | 0                         | SE     | 4              | SE                              | bc       | 4           | -                                   | 61             | 56     | bc.od    | o          | o.bc    | p.0    |      |   |
|                       | Clacton-on-Sea            | 1024.4                                | 62           | E      | 4              | o        | 1026.0                                    | 0                        | 59           | 0                         | E      | 4              | E                               | o        | 2           | -                                   | 68             | 58     | bc       | bc.c.c     | or      | 0.0    |      |   |
|                       | Nottingham                | 1024.3                                | 59           | E      | 3              | o        | 1025.7                                    | 0                        | 55           | +2                        | E      | 2              | E                               | o        | 0           | -                                   | 69             | 52     | m.c.o    | o          | o       | 2.0    |      |   |
| Bath                  | 1021.3                    | 71                                    | S            | 1      | b              | 1023.3   | 0   | 58                       | +5           | E                         | 3      | E              | o                               | 0        | -           | 78                                  | 52             | w.b.bc | bm       | b.bc.o     | 10.8    |        |      |   |
| Sth Farnborough       | 1021.9                    | 69                                    | E            | 0      | c              | 1023.9   | +1  | 57                       | +7           | E                         | 1      | -              | o                               | 0        | -           | 78                                  | 50             | m.b    | b.bcg    | o.bc.o     | 3.6     |        |      |   |
| London (Kew Obsy.)    | 1022.9                    | 67                                    | E            | 3      | o              | 1024.8   | +1  | 59                       | +4           | ESE                       | 4      | E              | om                              | *        | -           | 73                                  | 59             | fe.bm  | bm.bcm   | o.c.ou     | 5.7     |        |      |   |
| FRANCE, & C.          | Spitsbergen               | 1022.7                                | 27           | SE     | 4              | b        | 1023.1                                    | 0                        | 28           | -2                        | NNW    | 2              | *                               | c        | *           | 0                                   | 32             | 25     |          |            |         |        |      |   |
|                       | Vardö                     | 1008.6                                | 41           | N      | 2              | bc       | 1013.7                                    | +3                       | 43           | 0                         | NE     | 4              | -                               | bc       | 4           | *                                   | 43             | 39     |          |            |         |        |      |   |
|                       | Bodö                      | 1018.4                                | 45           | NW     | 5              | c        | 1018.4                                    | +1                       | 39           | 0                         | N      | 7              | N                               | c        | 4           | *                                   | 46             | 37     |          |            |         |        |      |   |
|                       | Christiansund             | 1024.6                                | 45           | NW     | 1              | r        | 1026.9                                    | 0                        | 46           | +1                        | NW     | 2              | -                               | c        | 3           | 10                                  | 46             | 41     |          |            |         |        |      |   |
|                       | Skudesnaes                | 1023.9                                | 48           | N      | 4              | b        | 1026.9                                    | 0                        | 45           | -1                        | N      | 3              | -                               | b        | 2           | -                                   | 50             | 39     |          |            |         |        |      |   |
|                       | Færder (X'ania Fjord)     | 1017.9                                | 52           | N      | 4              | b        | 1023.4                                    | +2                       | 46           | -2                        | NNW    | 4              | -                               | b        | 2           | -                                   | 55             | 45     |          |            |         |        |      |   |
|                       | The Scaw (Skagen)         | 1016.7                                | 55           | NNW    | 6              | c        | 1023.4                                    | +4                       | 50           | -2                        | N      | 7              | N                               | c        | 6           | -                                   | 57             | 48     |          |            |         |        |      |   |
|                       | Blaavands Huk             | 1021.3                                | 62           | NNW    | 7              | c        | 1024.2                                    | +3                       | 48           | -6                        | NE     | 1              | -                               | b        | 2           | -                                   | 55             | 45     |          |            |         |        |      |   |
|                       | Haparanda                 | 1009.3                                | 39           | N      | 4              | b        | 1011.4                                    | 0                        | 37           | 0                         | N      | 4              | -                               | b        | *           | -                                   | 46             | 32     |          |            |         |        |      |   |
|                       | Hernösand                 | 1012.2                                | 43           | NNW    | 4              | b        | 1015.0                                    | 0                        | 43           | +4                        | NNW    | 4              | -                               | b        | *           | 1                                   | 45             | 37     |          |            |         |        |      |   |
|                       | Stockholm                 | 1008.2                                | 41           | NW     | 6              | o        | 1012.6                                    | +3                       | 43           | +2                        | NNW    | 6              | W                               | bc       | *           | 5                                   | 43             | 37     |          |            |         |        |      |   |
|                       | Wisby                     | 1006.9                                | 45           | NNW    | 9              | o        | 1012.7                                    | +5                       | 45           | 0                         | N      | 6              | -                               | c        | 6           | 4                                   | 46             | 43     |          |            |         |        |      |   |
|                       | Karlstad                  | 1014.4                                | 48           | N      | 4              | bc       | 1020.6                                    | +3                       | 43           | 0                         | NW     | 6              | -                               | b        | *           | -                                   | 54             | 34     |          |            |         |        |      |   |
|                       | Petrograd (5 a.m. G.M.T.) | 988.6                                 | 43           | NNE    | 4              | o        | 993.2                                     | +4                       | 43           | -7                        | NNE    | 4              | -                               | r        | *           | 12                                  | 52             | 41     |          |            |         |        |      |   |
|                       | SOUTHERN EUROPE.          | The Helder                            | 1025.2       | 55     | NNE            | 2        | c   | 1027.1                   | +2           | 55                        | -4     | NNE            | 2                               | NW       | bc          | 2                                   | Trace          | 59     | 55       |            |         |        |      |   |
| C. Gris Nez           |                           | 1022.9                                | 63           | NE     | 4              | m        | 1024.3                                    | +1                       | 52           | -8                        | E      | 4              | *                               | b        | 2           | -                                   | 70             | 50     |          |            |         |        |      |   |
| La Hève               |                           | 1021.9                                | 70           | ESE    | 7              | b        | 1020.3                                    | *                        | 59           | 0                         | E      | 4              | *                               | m        | 2           | -                                   | 75             | 54     |          |            |         |        |      |   |
| Ushant                |                           | 1018.6                                | 70           | S      | 1              | b        | 1016.8                                    | *                        | 60           | 0                         | S      | 1              | *                               | b        | 3           | -                                   | 81             | 55     |          |            |         |        |      |   |
| Brest (St. Mathieu)   |                           | 1019.1                                | 74           | ESE    | 1              | b        | 1017.2                                    | 0                        | 65           | +1                        | ESE    | 3              | *                               | b        | 2           | -                                   | 88             | 63     |          |            |         |        |      |   |
| Rochefort (Ile d'Aix) |                           | 1018.6                                | 73           | NW     | 2              | b        | 1016.6                                    | 0                        | 66           | -3                        | ESE    | 2              | *                               | b        | *           | -                                   | 85             | 61     |          |            |         |        |      |   |
| Biarritz              |                           | 1016.7                                | 74           | E      | 1              | b        | 1014.6                                    | 0                        | 73           | +3                        | SE     | 2              | *                               | b        | 2           | -                                   | 88             | 66     |          |            |         |        |      |   |
| Paris                 |                           | 1021.6                                | 66           | ENE    | 1              | b        | 1022.3                                    | +2                       | 57           | 0                         | NE     | 2              | -                               | o        | *           | 1                                   | 75             | 55     |          |            |         |        |      |   |
| Belfort               |                           | 1020.6                                | 72           | NNW    | 1              | b        | 1020.6                                    | *                        | 58           | -1                        | NE     | 1              | *                               | b        | *           | -                                   | 82             | 57     |          |            |         |        |      |   |
| Lyons                 |                           | 1018.7                                | 65           | -      | 0              | b        | 1018.9                                    | +1                       | 64           | -1                        | -      | 0              | *                               | o        | 1           | -                                   | 77             | 61     |          |            |         |        |      |   |
| Nice                  |                           | 1019.4                                | 68           | -      | 0              | b        | 1018.4                                    | 0                        | 61           | -3                        | NE     | 1              | -                               | f        | *           | -                                   | 77             | 59     |          |            |         |        |      |   |
| Perpignan             |                           | 1019.4                                | 68           | -      | 0              | b        | 1018.4                                    | 0                        | 61           | -3                        | NE     | 1              | -                               | f        | *           | -                                   | 77             | 59     |          |            |         |        |      |   |
| Sanguinaire           |                           | 1019.4                                | 68           | -      | 0              | b        | 1018.4                                    | 0                        | 61           | -3                        | NE     | 1              | -                               | f        | *           | -                                   | 77             | 59     |          |            |         |        |      |   |
| SOUTHERN EUROPE.      |                           | Corunna (7 a.m.)                      | 1017.5       | 70     | S              | 1        | b   | 1012.6                   | -1           | 68                        | 0      | SSE            | 2                               | -        | m           | 2                                   | -              | 88     | 61       |            |         |        |      |   |
|                       |                           | Madrid (8 a.m.)                       | 1017.2       | 77     | SE             | 1        | b   | 1017.5                   | 0            | 64                        | +1     | NE             | 1                               | -        | b           | *                                   | -              | 79     | 59       |            |         |        |      |   |
|                       | Lisbon (9 a.m.)           | 1014.9                                | 79           | SW     | 4              | b        | 1018.0                                    | 0                        | 68           | 0                         | NE     | 2              | -                               | b        | 2           | -                                   | 86             | 68     |          |            |         |        |      |   |
|                       | Gibraltar                 | 1021.3                                | 66           | SW     | 1              | b        | 1019.5                                    | +1                       | 61           | 0                         | N      | 1              | -                               | b        | *           | -                                   | 79             | 65     |          |            |         |        |      |   |
|                       | Malta (8 a.m.)            | 1015.5                                | 75           | W      | 3              | bc       | 1015.8                                    | +2                       | 61           | -2                        | NW     | 4              | *                               | o        | 3           | -                                   | 72             | 61     |          |            |         |        |      |   |
| SOUTHERN EUROPE.      | Azores (Horta, 8 a.m.)    | 1009.7                                | 70           | N      | 5              | bc       | 1015.8                                    | +2                       | 61           | -2                        | NW     | 4              | *                               | o        | 3           | -                                   | 72             | 61     |          |            |         |        |      |   |
|                       | Madeira (Funchal)         | 1015.5                                | 75           | W      | 3              | bc       | 1012.6                                    | 0                        | 72           | -1                        | W      | 3              | W                               | o        | 3           | 2                                   | 79             | 72     |          |            |         |        |      |   |
|                       |                           |                                       |              |        |                |          |   |                          |              |                           |        |                |                                 |          |             |                                     |                |        |          | 24         | 0.95    | 49     | 1.93 |   |
|                       |                           |                                       |              |        |                |          |   |                          |              |                           |        |                |                                 |          |             |                                     |                |        |          | 25         | 0.98    | 50     | 1.97 |   |





# FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY

## FORECAST DISTRICTS.



## STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

No Warnings Issued.

Western Channel and Bay. 11

Light to moderate Easterly and South-Easterly breezes; cloudy to dull, some rain; cooler.

Easterly and South-Easterly breezes, moderate to fresh at times; fine to cloudy or dull; cooler.

Same as Nos. 0 to 2.

Same as Nos. 3 to 5.

South-Easterly breeze, fresh and gusty at times; cloudy to dull, some rain; cooler.

South-Easterly breeze, fresh at times; sea moderate; fine to cloudy, local mist; moderate temperature.

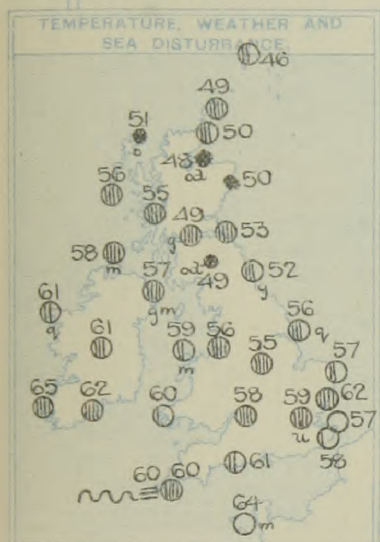
## FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 a.m., SUNDAY, 19<sup>TH</sup> SEPTEMBER, 1915.

## GENERAL INFERENCE.

A depression between the Azores and our south-western coasts will occasion a somewhat more breezy South-Easterly type of conditions.



## 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:—

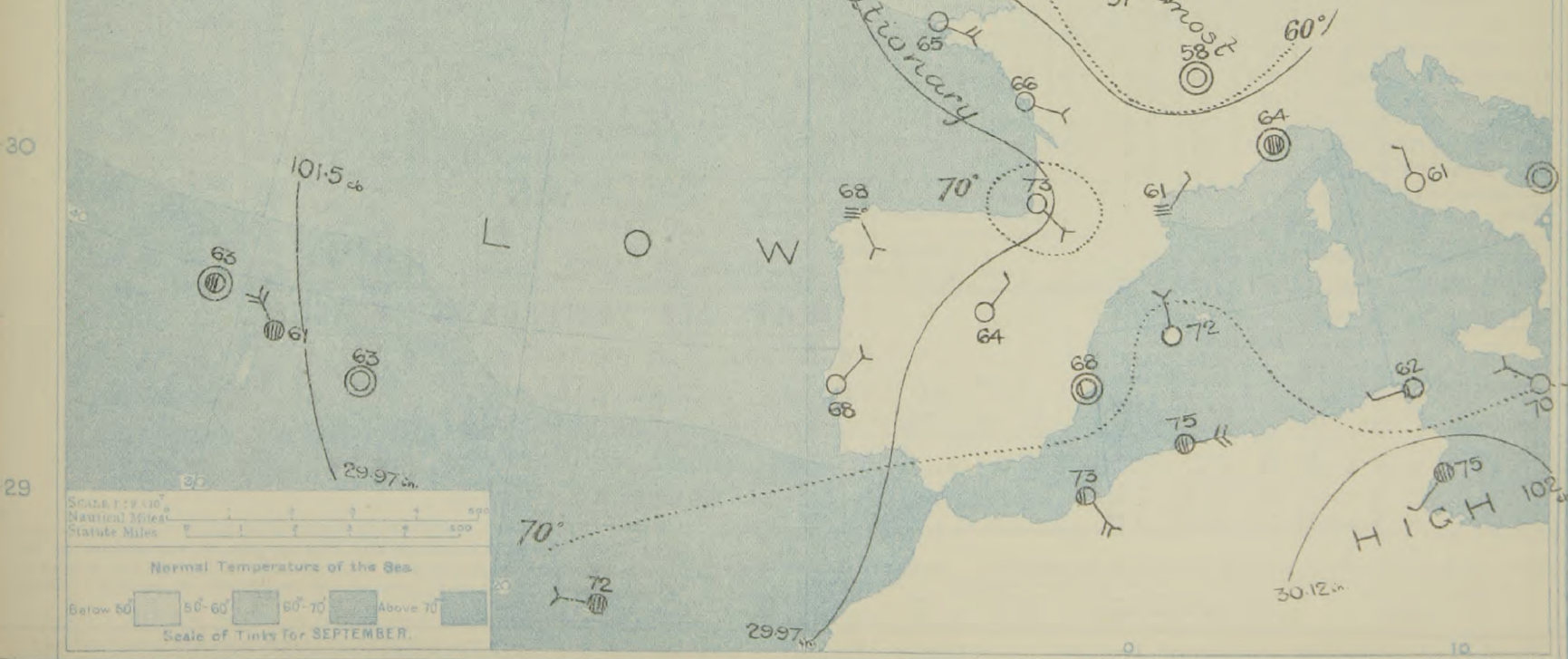
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.

○ sky 1/2 clouded. ○ overcast sky. ○ rain falling.

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

K, thunderstorm.

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





## DAILY WEATHER REPORT.

Sunday, 19<sup>th</sup> September, 1915.REPORTS  
FOR  
YESTERDAY.18<sup>th</sup> September

| STATIONS. | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                         |              |                           |        |                |                                 |          |             |      | Rain-fall.<br>Milli-<br>metres. | TEMP. |  |
|-----------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|-------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|------|---------------------------------|-------|--|
|           | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                         | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                                 | Min.  |  |
|           |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |      |                                 |       |  |
|           |                                       | "F.   |        |                |          |                                |                         | "F.          | "F.                       |        |                |                                 |          |             |      |                                 |       |  |
| Petrograd | 986.7                                 | 54    | SE     | 2              | 0        | 984.2                          | ?                       | 50           | 0                         | NNE    | 3              | .                               | 7        | *           | 9    | 54                              | 48    |  |
| Madrid    | 1020.7                                | 81    | E      | 1              | 6        | 1024.3                         | +1                      | 63           | -1                        | .      | 0              | .                               | 6        | *           | -    | 82                              | 55    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm. & . | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm. & . | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|---------------------|----------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|----------------------|--------------------------------------|
|                     |                      | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                      |                                      |
|                     |                      | ° F.         | ° F. |           |            |                                      |                       |                      |                                      |
| Scotland.           |                      |              |      |           |            |                                      | Tunbridge Wells ...   |                      |                                      |
| Oban ...            | ...                  | 58           | 52   | c         | 0          | 0.0                                  | Margate ...           | 74                   | 52                                   |
| Banff ...           | 2                    | 52           | 48   | 0         | 0          | 0.0                                  | Ramsgate ...          | 66                   | 59                                   |
| Carnoustie ...      | 7                    | 52           | 48   | 1.0       | 0p         | 0.0                                  | Hastings ...          | 65                   | 45                                   |
| St. Andrews ...     | ...                  | ...          | ...  | ...       | ...        | ...                                  | Bexhill-on-Sea ...    | 71                   | 57                                   |
| Eng. N.E.           |                      |              |      |           |            |                                      | Eastbourne ...        | 69                   | 56                                   |
| Harrogate ...       | 0.6                  | 57           | 52   | mdo       | d. od      | 0.0                                  | Seaford ...           | 70                   | 53                                   |
| Skegness ...        | ...                  | 61           | 52   | e. o      | omog       | 0.3                                  | Brighton ...          | 69                   | 54                                   |
| Eng. N.W.           |                      |              |      |           |            |                                      | Worthing ...          | 72                   | 53                                   |
| Morecambe ...       | ...                  | ...          | ...  | ...       | ...        | ...                                  | Littlehampton ...     | 68                   | ?                                    |
| Blackpool ...       | ...                  | 68           | 55   | 0.8c      | 0.8c.0     | 2.4                                  | Bognor ...            | 69                   | 51                                   |
| Southport ...       | ...                  | 68           | 56   | 0.8c      | 0.8c. c    | 2.9                                  | Southsea ...          | ...                  | ...                                  |
| Midlands.           |                      |              |      |           |            |                                      | Bournemouth ...       | 72                   | 50                                   |
| Buxton ...          | ...                  | 65           | 51   | 8c        | 8c.0       | 2.3                                  | Weymouth ...          | 71                   | 51                                   |
| Leamington Spa ...  | ...                  | 74           | 53   | 8c        | 8c         | 8.0                                  | Torquay ...           | 68                   | 53                                   |
| Malvern ...         | ...                  | ...          | ...  | ...       | ...        | ...                                  | Paignton ...          | 67                   | 55                                   |
| Ross-on-Wye ...     | ...                  | 75           | 47   | mdo       | 8.3c       | 9.2                                  | Falmouth ...          | 65                   | 58                                   |
| Wales.              |                      |              |      |           |            |                                      | Penzance ...          | 67                   | 57                                   |
| Rhyl ...            | ...                  | 75           | 53   | 8         | 8.03       | 7.2                                  | Newquay ...           | 69                   | 56                                   |
| Colwyn Bay ...      | ...                  | ...          | ...  | ...       | ...        | ...                                  | Ilfracombe ...        | 72                   | 58                                   |
| Llandudno ...       | ...                  | ...          | ...  | ...       | ...        | ...                                  | Weston-super-Mare ... | ...                  | ...                                  |
| Aberystwyth ...     | ...                  | 67           | 56   | 0.8c      | 8c. c      | 9.5                                  |                       |                      |                                      |
| Tenby ...           | ...                  | 70           | 58   | 8c        | 8          | 9.1                                  |                       |                      |                                      |
| England, E.         |                      |              |      |           |            |                                      |                       |                      |                                      |
| Cromer ...          | 0.2                  | 64           | 56   | 8d        | od.0       | 0.0                                  |                       |                      |                                      |
| Lowestoft ...       | ...                  | ...          | ...  | ...       | ...        | ...                                  |                       |                      |                                      |
| Felixstowe ...      | ...                  | 68           | 57   | 8cm       | od         | 5.5                                  |                       |                      |                                      |
| Walton-on-Naze ...  | ...                  | 69           | 58   | 8.3       | 8c.0c      | 5.8                                  |                       |                      |                                      |
| Southend-on-Sea ... | ...                  | 71           | 56   | 3.6       | 8.8c. c    | 8.5                                  |                       |                      |                                      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |      |                   | Rain-<br>fall. | WEATHER.       |                 |        |
|--|---------------------------|-----------------------|---|--|------|-------------------|----------------|----------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |      | Min. on<br>Grass. |                | Fore-<br>noon. | After-<br>noon. | Night. |
|  |                           |                       |   | Max.   | Min. |                   |                |                |                 |        |
|  |                           |                       |   |  |      |                   |                |                |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |  |      |                   |                |                |                 |        |
|  | %                         | %                     | Mr.                                     | ° F.   | ° F. | ° F.              | mm. &          |                |                 |        |
| Greenwich (Royal Obsy.) ...  | 59                        | 72                    | 7.3                                     | 74   | 57   | 50                | .              | 8.8c           | c               | 0      |
| City (Bunhill Row) ...   | *                         | *                     | 6.2                                     | *  | *    | *                 | *              | *              | *               | *      |
| Westminster (St. James's Pk.)  | 61                        | 79                    | 5.8                                     | 74   | 59   | 56                | -              | 8c.0           | 8ue             | ue     |
| Camden Sq. (Brit. Rainfall)  | 55                        | 73                    | 6.6                                     | 77   | 57   | 58                | -              | 8              | 8               | *      |
| Hampstead (Reservoir) ...  | *                         | 79                    | 8.6                                     | 72   | 55   | 46                | -              | 8c             | 0               | 0      |
| Richmond Park  |                           |                       |   |  |      |                   |                |                |                 |        |
| Kew. (See front page.)   | *                         | *                     |   | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |      |                   |                |                |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   | Total.   |      | Average Rate.     |                | Max. Rate.     |                 |        |
| S. Kensington (Roof of M.O.)   | 58                        | 72                    | 5.8                                     | 954 Joules   |      | 21.3 Milliwatts.  |                | 47 Milliwatts. |                 |        |

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

| 19 <sup>th</sup> Sep. 1915. | Sunrise. | Noon.  | Sunset. |
|-----------------------------|----------|--------|---------|
| G.M.T.                      | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                | 5.34     | 11.47  | 6.05    |
| Greenwich ...               | 5.36     | 11.46  | 6.07    |
| Wick ...                    | 5.44     | 11.53  | 6.03    |
| Valencia ...                | 5.51     | 12.06  | 6.21    |
|                             | 5.53     | 12.05  | 6.18    |
|                             | 6.22     | 12.35  | 6.48    |
|                             | 6.24     | 12.34  | 6.45    |

## NOTES ON YESTERDAY'S WEATHER.

Low afternoon temperatures ruled in Scotland (49° at Lerwick), high elsewhere (78° at Bath and South Farnborough). The day was sunless in Scotland and on the east coast of England, other districts ranging up to 11 hours at Jersey.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 263.

Monday,  
20th September, 1915.

| STATIONS.                 | YESTERDAY EVENING.                    |              |        |                |          | THIS MORNING 7 A.M., G.M.T.               |                          |              |                           |        |                |                                 |          |             |                                     | PAST 24 HOURS. |      |              |            |          | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---------------------------|---------------------------------------|--------------|--------|----------------|----------|---|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|------|--------------|------------|----------|---|
|                           | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.  |                | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |      | WEATHER.     |            |          |   |
|                           |                                       |              | Direc. | Force<br>0-12. |          |   |                          | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.           | Min. | Morning.     | Afternoon. | Night.   |   |
| Lerwick ...               | 1029.6                                | 50           | SE     | 3              | c        | 1029.5                                    | 0                        | 49           | +3                        | SE     | 4              | S                               | bc       | 3           | -                                   | 53             | 46   | bc           | bc         | bc       | Hours.                                  |
| Deerness ...              | 1026.7                                | 51           | SE     | 4              | o        | 1028.7                                    | *                        | 52           | +3                        | SE     | 5              | -                               | og       | 4           | -                                   | 54             | 49   | o            | o          | og       | 0.8                                     |
| Stornoway ...             | 1022.3                                | 55           | ESE    | 3              | od       | 1021.6                                    | 0                        | 54           | +3                        | SSE    | 2              | -                               | c        | 2           | 5                                   | 55             | 51   | or. o        | od         | or. cdp  | 0.0                                     |
| Castlebay (Barra Isd.)    | 1020.3                                | 57           | ESE    | 4              | om       | 1020.2                                    | 0                        | 56           | 0                         | E      | 4              | SE                              | bm       | 4           | -                                   | 57             | 55   | og           | ogm        | or. cbm  | 0.0                                     |
| Glasgow ...               | 1024.8                                | 52           | NE     | 2              | og       | 1024.2                                    | 0                        | 51           | +2                        | ENE    | 2              | -                               | e        | 1           | 1                                   | 52             | 49   | ondp         | dp om      | o. c. om | 0.0                                     |
| Eskdalemuir ...           | 1025.3                                | 52           | NE     | 1              | om       | 1024.2                                    | +1                       | 46           | -3                        | N      | 2              | E                               | bw       | *           | Trace                               | 52             | 45   | ond          | om         | om. bm   | 0.0                                     |
| Malin Head ...            | 1018.5                                | 61           | S      | 5              | bcmg     | 1019.2                                    | -2                       | 56           | -2                        | NE     | 2              | S                               | bcw      | 2           | -                                   | 64             | 54   | cmg          | bcmg       | bcm      | 0.5                                     |
| Blacksod Point ...        | 1014.3                                | 65           | SE     | 6              | bc       | 1013.3                                    | +1                       | 57           | -4                        | SE     | 7              | SE                              | bc       | 6           | -                                   | 68             | 55   | bc           | bc         | bc       | 0.5                                     |
| Valencia ...              | 1013.3                                | 67           | ESE    | 4              | by       | 1011.4                                    | 0                        | 63           | -2                        | E      | 4              | SE                              | bcg      | 3           | -                                   | 76             | 62   | c. bc. by    | by         | by       | 8.4                                     |
| Roche's Point ...         | 1018.2                                | 62           | SE     | 4              | o        | 1016.6                                    | *                        | 60           | -2                        | ESE    | 4              | -                               | o        | 4           | -                                   | 65             | 59   | om           | om         | om       | *                                       |
| Birr Castle ...           | 1017.7                                | 64           | SE     | 3              | m        | 1016.7                                    | *                        | 56           | -5                        | SE     | 2              | -                               | c        | *           | -                                   | 68             | 55   | 3            | 3          | c        | 2.4                                     |
| Donaghadee ...            | 1021.0                                | 57           | SE     | 5              | bcm      | 1021.1                                    | 0                        | 54           | -3                        | SE     | 3              | SE                              | bm       | 2           | -                                   | 61             | 54   | 3            | bcw        | bcm. bm  | *                                       |
| Liverpool (Bidston)       | 1023.1                                | 60           | ESE    | 3              | b        | 1022.9                                    | 0                        | 50           | -6                        | ESE    | 3              | -                               | b        | 3           | -                                   | 64             | 49   | om           | c. bc      | bm       | 2.3                                     |
| Holyhead ...              | 1020.7                                | 65           | S      | 3              | b        | 1020.2                                    | +1                       | 54           | -5                        | E      | 2              | -                               | bz       | 0           | Trace                               | 73             | 52   | bc. bz       | bz         | bw       | 9.7                                     |
| Pembroke (St. Ann's)      | 1019.2                                | 63           | ESE    | 6              | b        | 1018.5                                    | +1                       | 56           | -4                        | E      | 6              | -                               | b        | 5           | -                                   | 63             | 55   | b            | by         | by       | 8.3                                     |
| Scilly (St. Mary's)       | 1015.3                                | 60           | ESE    | 6              | m        | 1013.7                                    | -1                       | 59           | -1                        | ESE    | 6              | -                               | bm       | 6           | -                                   | 64             | 58   | m            | m          | om. bm   | 2.5                                     |
| Falmouth ...              | 1015.1                                | 59           | E      | 3              | o        | 1016.8                                    | +1                       | 59           | -1                        | E      | 4              | -                               | b        | 4           | -                                   | 61             | 58   | om           | om         | om. b    | 0.0                                     |
| Jersey (St. Aubin)        | 1018.2                                | 67           | E      | 4              | b        | 1017.7                                    | *                        | 59           | -5                        | E      | 3              | -                               | b        | 3           | -                                   | 72             | 57   | b            | b          | bw       | 11.0                                    |
| Portland Bill ...         | 1020.2                                | 62           | E      | 6              | b        | 1021.3                                    | +1                       | 60           | -1                        | E      | 6              | -                               | b        | 4           | -                                   | 62             | 59   | c            | bc. b      | b        | *                                       |
| Dungeness ...             | 1022.8                                | 59           | E      | 5              | b        | 1022.4                                    | 0                        | 56           | -2                        | ENE    | 5              | -                               | b        | 5           | -                                   | 63             | 49   | b            | b          | b        | *                                       |
| Dover ...                 | 1024.5                                | 55           | NE     | 4              | b        | 1023.9                                    | 0                        | 57           | 0                         | E      | 5              | -                               | b        | 6           | -                                   | 61             | 54   | b            | b          | b        | 10.3                                    |
| Wick ...                  | 1025.2                                | 52           | SE     | 4              | o        | 1024.7                                    | 0                        | 53           | +3                        | SSE    | 4              | -                               | o        | 4           | 0.2                                 | 53             | 50   | c. omr       | omr. p     | omg      | *                                       |
| Nairn ...                 | 1023.6                                | 55           | -      | 0              | c        | 1023.2                                    | *                        | 52           | +4                        | -      | 0              | -                               | ogm      | 1           | 2                                   | 58             | 47   | d. c         | c          | cd. o    | 0.0                                     |
| Aberdeen ...              | 1026.7                                | 52           | SSE    | 3              | o        | 1026.3                                    | +1                       | 54           | +4                        | SE     | 3              | -                               | o        | 3           | 1                                   | 54             | 50   | or           | op. o      | o        | 0.0                                     |
| Leith ...                 | 1024.1                                | 55           | ESE    | 1              | o        | 1024.8                                    | 0                        | 49           | -4                        | E      | 2              | -                               | b        | *           | -                                   | 55             | 48   | o            | o          | o. c. g  | *                                       |
| Tynemouth ...             | 1025.7                                | 55           | SE     | 3              | og       | 1025.3                                    | -1                       | 52           | 0                         | SSE    | 1              | -                               | bm       | 3           | -                                   | 54             | 51   | omr          | og         | c        | *                                       |
| Spurn Head ...            | 1026.5                                | 57           | SE     | 5              | bcg      | 1025.0                                    | -1                       | 57           | +1                        | SE     | 4              | -                               | ogm      | 4           | -                                   | 60             | 35   | o. c. g      | bcg        | bcg      | 1.4                                     |
| Yarmouth ...              | 1025.7                                | 57           | SE     | 4              | bc       | 1025.5                                    | +2                       | 57           | 0                         | SE     | 4              | SE                              | bc       | 4           | -                                   | 61             | 57   | bc           | bc         | bc       | 2.2                                     |
| Clacton-on-Sea ...        | 1026.4                                | 58           | E      | 4              | bc       | 1024.2                                    | 0                        | 58           | -1                        | E      | 4              | E                               | bc       | 4           | -                                   | 62             | 57   | o. bcw       | bcw        | bcw      | 9.8                                     |
| Nottingham ...            | 1024.5                                | 56           | E      | 2              | b        | 1024.7                                    | *                        | 49           | -6                        | E      | 2              | -                               | b        | *           | -                                   | 63             | 45   | o. c         | o. c. b    | b        | 1.1                                     |
| Bath ...                  | 1022.0                                | 62           | E      | 3              | b        | 1021.9                                    | *                        | 47           | -11                       | E      | 3              | -                               | b        | *           | -                                   | 70             | 45   | o. c. bc. b  | bc. b      | b        | 5.1                                     |
| Sth Farnborough ...       | 1023.2                                | 57           | E      | 3              | b        | 1022.0                                    | +1                       | 48           | -9                        | E      | 1              | -                               | bzw      | *           | -                                   | 69             | 42   | bc           | b          | b        | 8.3                                     |
| London (Kew Obsy.)        | 1024.2                                | 58           | E      | 4              | b        | 1023.3                                    | +1                       | 53           | -6                        | E      | 4              | -                               | bm       | *           | -                                   | 65             | 50   | om. c. bc. b | b          | b. bm    | 7.7                                     |
| Spitsbergen ...           | 1019.0                                | 30           | S      | 2              | o        | 1014.7                                    | 0                        | 34           | +6                        | S      | 1              | -                               | o        | *           | 0                                   | 34             | 27   | *            | *          | *        | *                                       |
| Vardö ...                 | 1019.3                                | 36           | NNE    | 5              | o        | 1017.9                                    | 0                        | 39           | -4                        | NNE    | 5              | -                               | c        | 5           | *                                   | 43             | 36   | *            | *          | *        | *                                       |
| Bodö ...                  | 1027.9                                | 36           | NNE    | 2              | bc       | 1029.7                                    | +1                       | 41           | +2                        | N      | 2              | -                               | c        | 2           | -                                   | 43             | 23   | *            | *          | *        | *                                       |
| Christiansund ...         | 1029.0                                | 45           | NE     | 3              | c        | 1031.7                                    | +2                       | 41           | -5                        | -      | 0              | -                               | b        | 3           | 1                                   | 46             | 37   | *            | *          | *        | *                                       |
| Skudesnaes ...            | 1026.4                                | 48           | NW     | 4              | b        | 1028.4                                    | 0                        | 46           | +1                        | ENE    | 4              | -                               | b        | 2           | -                                   | 52             | 41   | *            | *          | *        | *                                       |
| Færder (X'ianla Fjord)    | 1018.9                                | 57           | WSW    | 4              | bc       | 1022.4                                    | +5                       | 43           | -3                        | NNE    | 8              | -                               | b        | 3           | -                                   | 57             | 43   | *            | *          | *        | *                                       |
| The Scaw (Skagen)         | 1022.0                                | 50           | WNW    | 5              | b        | 1026.7                                    | +6                       | 45           | -5                        | NNE    | 6              | N                               | c        | 6           | -                                   | 55             | 43   | *            | *          | *        | *                                       |
| Blaavands Huk ...         | 1025.0                                | 52           | NW     | 2              | o        | 1025.9                                    | +5                       | 45           | -3                        | ENE    | 3              | NE                              | b        | 4           | -                                   | 55             | 41   | *            | *          | *        | *                                       |
| Haparanda ...             | 1015.9                                | 39           | N      | 4              | b        | 1021.2                                    | +1                       | 37           | +2                        | N      | 6              | -                               | o        | *           | -                                   | 45             | 34   | *            | *          | *        | *                                       |
| Hernösand ...             | 1015.8                                | 39           | N      | 4              | r        | 1024.6                                    | +4                       | 41           | -2                        | N      | 6              | N                               | b        | *           | 2                                   | 43             | 37   | *            | *          | *        | *                                       |
| Stockholm ...             | 1013.3                                | 43           | NW     | 4              | o        | 1015.7                                    | +3                       | 37           | -6                        | NNW    | 6              | -                               | r        | *           | 3                                   | 50             | 36   | *            | *          | *        | *                                       |
| Wisby ...                 | 1015.1                                | 46           | NW     | 4              | b        | 1017.5                                    | +4                       | 43           | -2                        | N      | 8              | -                               | c        | 6           | 3                                   | 46             | 37   | *            | *          | *        | *                                       |
| Karlstad ...              | 1016.8                                | 48           | NNW    | 2              | c        | 1026.1                                    | +5                       | 41           | -2                        | N      | 6              | -                               | b        | *           | 1                                   | 54             | 36   | *            | *          | *        | *                                       |
| Petrograd (8 a.m. G.M.T.) | 1016.8                                | 48           | NNW    | 2              | c        | 1026.1                                    | +5                       | 41           | -2                        | N      | 6              | -                               | b        | *           | *                                   | 54             | 36   | *            | *          | *        | *                                       |
| The Helder ...            | 1026.6                                | 55           | NNE    | 2              | b        | 1026.0                                    | +1                       | 55           | 0                         | NNE    | 2              | -                               | c        | 1           | -                                   | 61             | 54   | *            | *          | *        | *                                       |
| C. Gris Nez ...           | 1024.0                                | 67           | E      | 4              | b        | 1023.0                                    | +1                       | 50           | -2                        | ESE    | 4              | -                               | b        | 3           | -                                   | 64             | 46   | *            | *          | *        | *                                       |
| La Hève ...               | 1019.9                                | 66           | ENE    | 3              | b        | 1019.3                                    | *                        | 52           | -7                        | E      | 4              | -                               | b        | 2           | -                                   | 73             | 48   | *            | *          | *        | *                                       |
| Ushant ...                | 1014.4                                | 66           | SE     | 1              | b        | 1014.0                                    | *                        | 63           | +3                        | SE     | 1              | -                               | b        | 2           | -                                   | 81             | 59   | *            | *          | *        | *                                       |
| Brest (St. Mathieu)       | 1018.1                                | 82           | E      | 2              | b        | 1014.1                                    | 0                        | 64           | -1                        | ESE    | 3              | -                               | b        | 2           | -                                   | 88             | 63   | *            | *          | *        | *                                       |
| Rochefort (Ile d'Aix)     | 1013.1                                | 78           | E      | 1              | b        | 1013.6                                    | +2                       | 61           | -5                        | E      | 3              | -                               | b        | *           | -                                   | 95             | 59   | *            | *          | *        | *                                       |
| Biarritz ...              | 1013.1                                | 78           | E      | 1              | b        | 1013.6                                    | +2                       | 61           | -5                        | E      | 3              | -                               | b        | *           | *                                   | 95             | 59   | *            | *          | *        | *                                       |
| Paris ...                 | 1020.3                                | 63           | NE     | 2              | b        | 1021.0                                    | +1                       | 48           | -9                        | NE     | 2              | -                               | b        | *           | -                                   | 73             | 43   | *            | *          | *        | *                                       |
| Belfort ...               | 1022.0                                | 57           | E      | 6              | m        | 1022.1                                    | *                        | 48           | -                         | E      | 5              | -                               | c        | *           | -                                   | 68             | 45   | *            | *          | *        | *                                       |
| Lyons ...                 | 1016.8                                | 70           | -      | 0              | b        | 1019.8                                    | *                        | 55           | -3                        | -      | 0              | -                               | f        | *           | -                                   | 81             | 53   | *            | *          | *        | *                                       |
| Nice ...                  | 1017.2                                | 65           | -      | 0              | o        | 1019.0                                    | +1                       | 65           | +1                        | -      | 0              | -                               | f        | 0           | -                                   | 77             | 63   | *            | *          | *        | *                                       |
| Perpignan ...             | 1015.8                                | 66           | -      | 0              | o        | 1016.6                                    | +2                       | 68           | +7                        | SE     | 1              | S                               | o        | *           | -                                   | 75             | 64   | *            | *          | *        | *                                       |
| Sanguinaire ...           | 1015.8                                | 66           | -      | 0              | o        | 1016.6                                    | +2                       | 68           | +7                        | SE     | 1              | S                               | o        | *           | -                                   | 75             | 64   | *            | *          | *        | *                                       |
| Corunna (7 a.m.)          | 1011.0                                | 72           | N      | 3              | bc       | 1016.2                                    | +4                       | 64           | -4                        | W      | 2              | -                               | o        | 2           | -                                   | 86             | 64   | *            | *          | *        | *                                       |
| Madrid (8 a.m.)           | 1011.9                                | 79           | -      | 0              | b        | 1016.6                                    | +4                       | 66           | +2                        | -      | 0              | -                               | c        | *           | -                                   | 81             | 61   | *            | *          | *        | *                                       |
| Lisbon (9 a.m.)           | 1012.2                                | 72           | SW     | 5              | bc       | 1015.0                                    | +3                       | 68           | 0                         | -      | 0              | -                               | b        | 2           | -                                   | 79             | 68   | *            | *          | *        | *                                       |
| Gibraltar ...             | 1014.9                                | 71           | E      | 3              | c        | 1014.9                                    | *                        | 69           | *                         | E      | 2              | -                               | f        | 1           | -                                   | 77             | 68   | *            | *          | *        | *                                       |
| Rome ...                  | 1014.9                                | 71           | E      | 3              | c        | 1014.9                                    | *                        | 69           | *                         | E      | 2              | -                               | f        | 1           | -                                   | 77             | 68   | *            | *          | *        | *                                       |
| Malta (8 a.m.)            | *                                     | *            | *      | *              | *        | 1019.7                                    | +1                       | 72           | +4                        | W      | 1              | NNW                             | c        | 0           | -                                   | 77             | 66   | *            | *          | *        | *                                       |
| Azores (Horta, 8 a.m.)    | 1016.3                                | *            | -      | 0              | p        | 1015.7                                    | 0                        | 68           | +7                        | WSW    | 5              | -                               | o        | 6           | -                                   | 73             | 61   | *            | *          | *        | *                                       |
| Madeira (Funchal)         | 1010.9                                | 75           | N      | 2              | c        | 1014.9                                    | +2                       | 70           | -2                        | N      | 2              | -                               | o        | 2           | -                                   | 77             | 70   | *            | *          | *        | *                                       |

South Farnborough

Rise Balloon Ascent at about 7 a.m.

500 metres ESE 30 miles per hour

2000 metres SE by E 14 miles per hour.

RAINFALL.

Equivalents of Millimetres in Inches.

| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

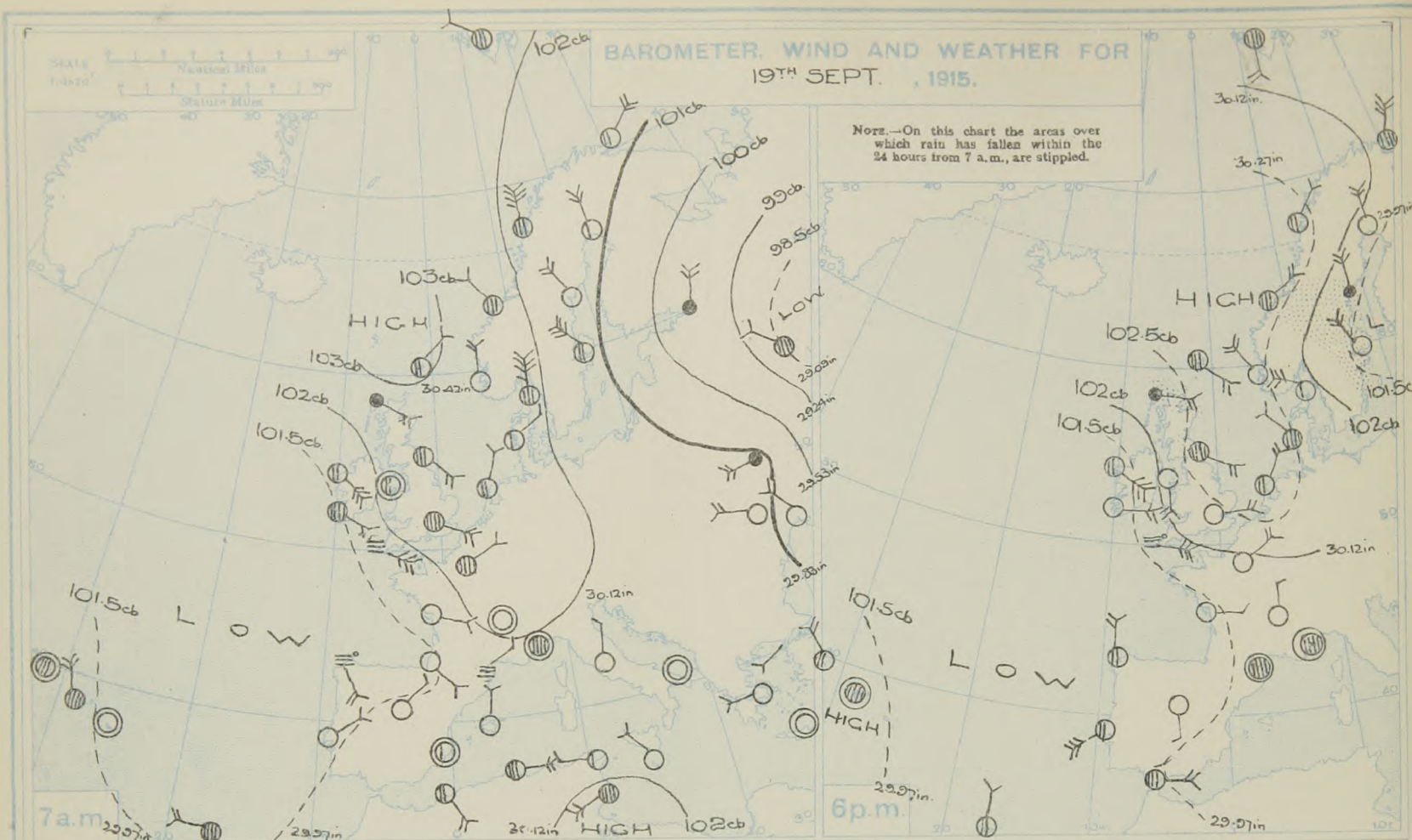
| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.61    |
| 17  | 0.67    | 42  | 1.65    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |
| 21  | 0.83    | 46  | 1.81    |
| 22  | 0.87    | 47  | 1.85    |
| 23  | 0.91    | 48  | 1.89    |
| 24  | 0.95    | 49  | 1.93    |
| 25  | 0.98    | 50  | 1.97    |

## South Farnborough

Pilot Balloon Ascent at about 7 a.m.

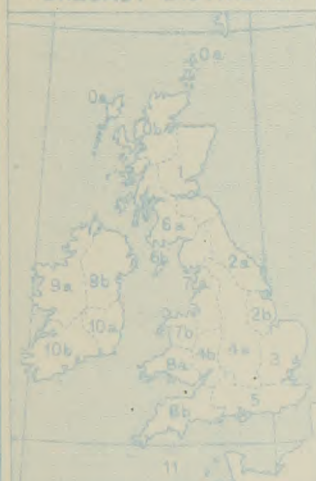
500 metres ESE 30 miles per hour.  
2000 metres SE by E 14 miles per hour.





FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Coast.               | South Coast.                  |
| North Coast.               | North Coast.                  |

No Warnings Issued

Western Channel and Bay

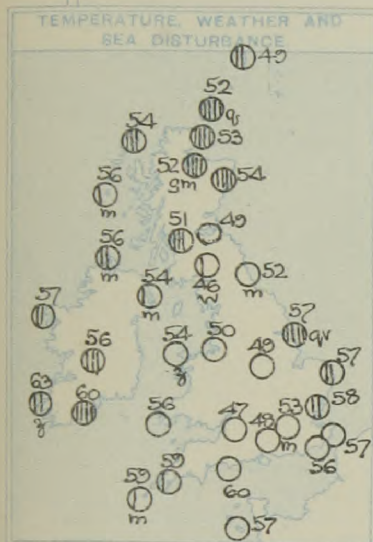
- |    |   |   |  |
|----|---|---|--|
| 0  | } | winds; fair; cool.  | Freshening Southerly and South-Easterly      |
| 1  |   |   |  |
| 2  | } | Freshening South-Easterly winds; fine; cool.                              |  |
| 3  |   |   |  |
| 4  | } | Fresh to strong Easterly winds; fine; cool.                               |  |
| 5  |   |   |  |
| 6  | } | winds; fine; cool.  | Freshening Easterly and South-Easterly       |
| 7  |   |   |  |
| 8  | } | later, rain locally; remaining cool.                                      | Strong Easterly winds; fine at first, cloudy |
| 9  |   |   |  |
| 10 | } | cloudy later, rain locally; remaining cool.                               | Freshening Easterly winds; fine at first,    |
| 11 |   |   |  |
|    | } | winds and a rough sea; fair at first, some rain later, normal temperature | Fresh to strong Easterly and South-Easterly  |
|    |   |   |  |

FURTHER OUTLOOK.



GENERAL INFERENCE.

The anticyclone centred over the North Sea will probably move slowly eastward. A low pressure system which is beginning to appear off our southwest coasts will occasion some further increase in the strength of the Easterly wind in the Channel and the southeast of England.



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:—

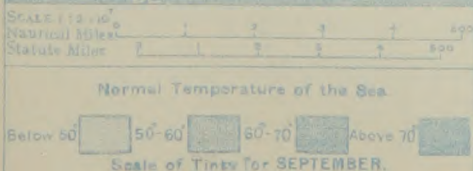
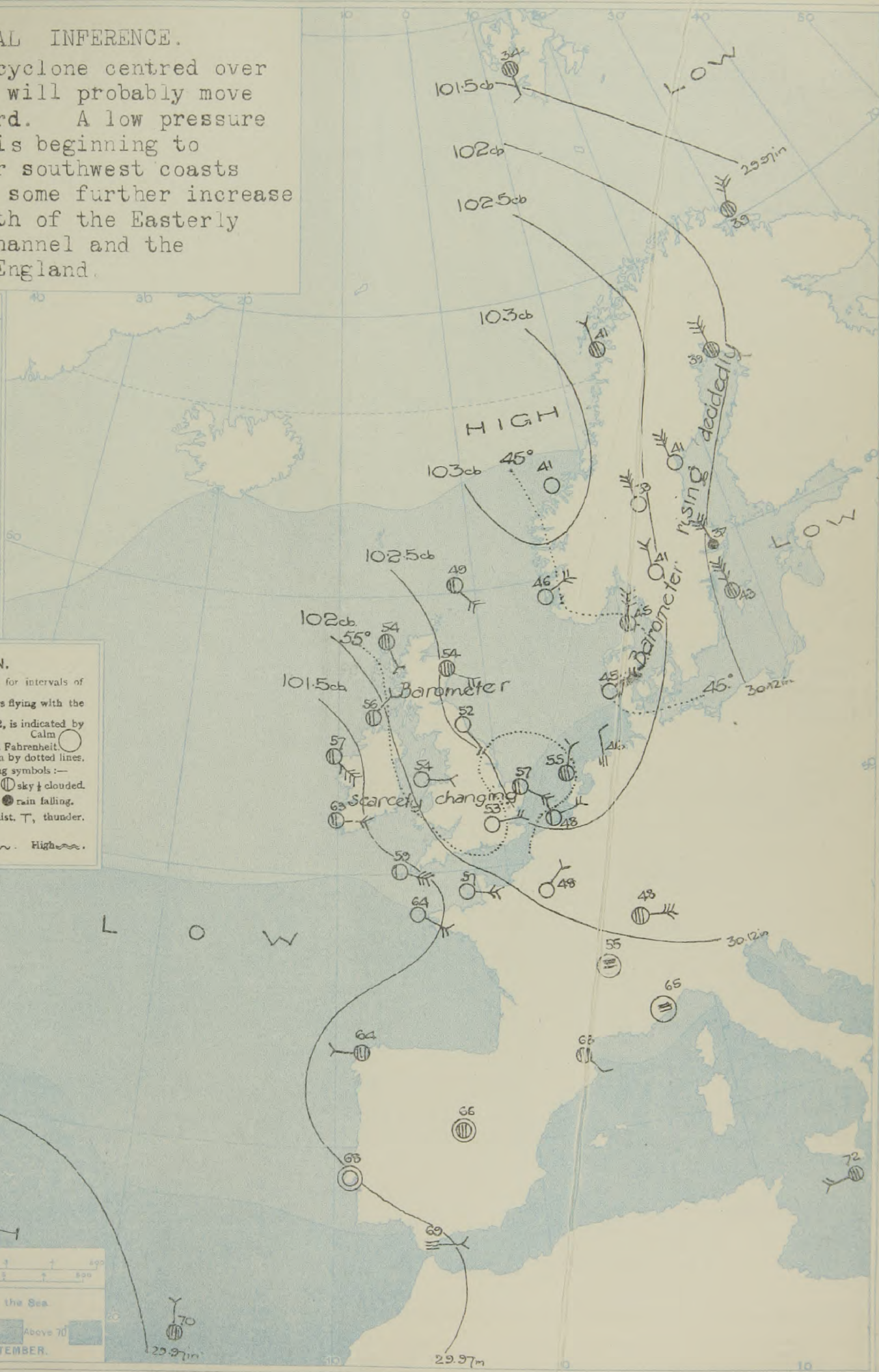
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.

○ sky 1/2 clouded. ○ overcast sky. ● rain falling.

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

⚡, thunderstorm.

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





| Station<br>Date & Hour.   |               | Comp.<br>to E.                   | Comp.<br>to N. | Comp.<br>to E.                    | Comp.<br>to N. | Comp.<br>to E.                  | Comp.<br>to N. | Comp.<br>to E.                    | Comp.<br>to N. | Comp.<br>to E.                    | Comp.<br>to N. | Comp.<br>to E.           | Comp.<br>to N. | Comp.<br>to E.                   | Comp.<br>to N. | Comp.<br>to E.                   | Comp.<br>to N. | Comp.<br>to E.                    | Comp.<br>to N. | Comp.<br>to E.        | Comp.<br>to N. |
|---------------------------|---------------|----------------------------------|----------------|-----------------------------------|----------------|---------------------------------|----------------|-----------------------------------|----------------|-----------------------------------|----------------|--------------------------|----------------|----------------------------------|----------------|----------------------------------|----------------|-----------------------------------|----------------|-----------------------|----------------|
|                           |               | Sth. Farnborough<br>13th. 7.10h. |                | Sth. Farnborough<br>13th. 11.45h. |                | Sth. Farnborough<br>14th. 7.5h. |                | Sth. Kensington.<br>14th. 11.40h. |                | Sth. Farnborough.<br>15th. 9.30h. |                | Benson.<br>15th. 12.17h. |                | Sth. Farnborough<br>17th. 7.10h. |                | Sth. Farnborough<br>18th. 7.15h. |                | Sth. Farnborough<br>18th. 11.30h. |                | Benson.<br>18th. 12h. |                |
| Heights in<br>Kilometres. | 4<br>3.5<br>3 |                                  |                |                                   |                |                                 |                |                                   |                |                                   |                |                          |                |                                  |                |                                  |                |                                   |                |                       |                |
|                           | 2<br>1.5<br>1 | +7                               | +8             |                                   |                | +11                             | -3             |                                   |                |                                   |                | +12                      | -8             | +8                               | -3             | +6                               | +2             | +6                                | -1             | +6                    | -1             |
|                           | 0.5           | +4                               | +6             | +3                                | +6             | +8                              | -1             | +10                               | +1             | +9                                | -3             | +6                       | -4             | +9                               | +5             | +3                               | -1             | +1                                | 0              | 0                     | +1             |
|                           | 0             | +4                               | +5             | +2                                | +2             | +8                              | +2             | +10                               | +3             | +6                                | -2             | +6                       | +2             | +6                               | -1             | +1                               | -3             | 0                                 | 0              | -2                    | -1             |
|                           | 0             | 0                                | -1             | +2                                | +1             | +4                              | +2             | +7                                | 0              | +2                                | 0              | +5                       | +2             | +1                               | +1             | +1                               | 0              | -1                                | -1             | -1                    | -2             |

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

| ..... 20th 21st Sept., 1918. | Sunrise. | Noon.  | Sunset. |
|------------------------------|----------|--------|---------|
|                              | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ... ..              | 5.36     | 11.46  | 5.57    |
| Greenwich ... ..             | 5.39     | 11.46  | 5.54    |
| Wick ... ..                  | 5.44     | 11.53  | 6.1     |
| Valencia ... ..              | 5.53     | 12.5   | 6.18    |
|                              | 5.46     | 12.5   | 6.15    |
|                              | 5.52     | 12.34  | 6.40    |
|                              | 5.57     | 12.34  |         |

The thermometer rose to 72° at Jersey, 73° at Holyhead and 76° at Valencia; on the north and north-east coasts of Great Britain it did not exceed 55°. More than 10 hours of bright sunshine were recorded on several parts of our south and southwest coasts.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Terminals in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 264.

Tuesday  
21<sup>st</sup> September 1915.

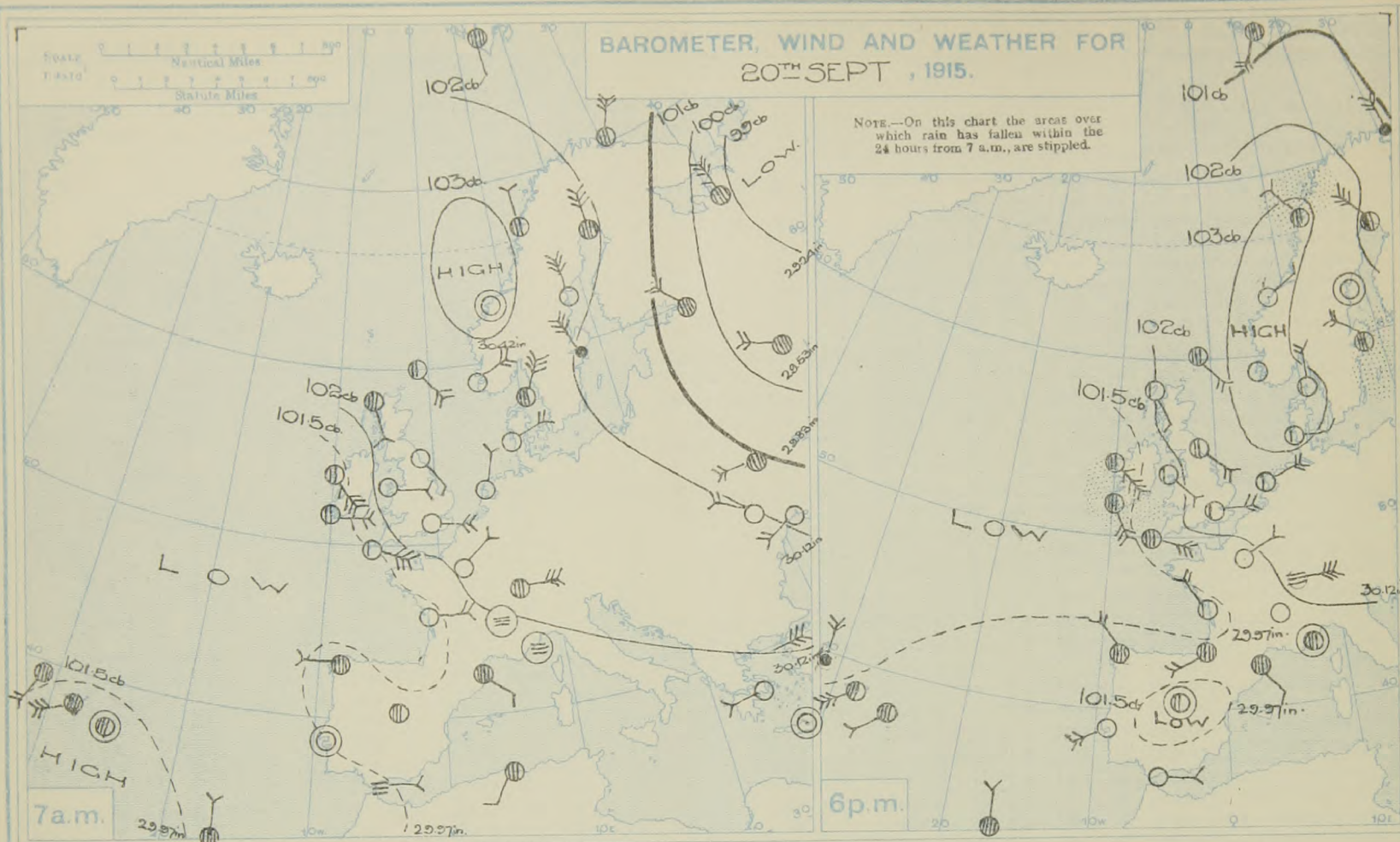
| STATIONS.              | YESTERDAY EVENING.                    |              |        |                |          | THIS MORNING 7 A.M., G.M.T.               |                          |              |              |        |                |                                 |          |             |                                     | PAST 24 HOURS. |      |            |            |            | Sun-<br>shine<br>for<br>Yester-<br>day. |                            |
|------------------------|---------------------------------------|--------------|--------|----------------|----------|---|--------------------------|--------------|--------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|------|------------|------------|------------|---|----------------------------|
|                        | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.  |                | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | TEMP.<br>°F. | TEMP.<br>°F. | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |      | WEATHER.   |            |            |   |                            |
|                        |                                       |              | Direc. | Force<br>0-12. |          |   |                          |              |              | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.           | Min. | Morning.   | Afternoon. | Night.     |   |                            |
| BRITISH ISLANDS.       | Lerwick                               | 1027.4       | 53     | SE             | 3        | C   | 1025.6                   | -1           | 53           | 4      | S              | 4                               | S        | C           | 4                                   | -              | 53   | 48         | bc         | bc         | c                                       | Hours.                     |
|                        | Deerness                              | 1023.7       | 52     | SE             | 5        | bc  | 1022.7                   | -1           | 53           | 4      | SE             | 5                               | NW       | C           | 5                                   | -              | 54   | 52         | o.c. bc    | bc. c      | bc. c                                   | 0.0                        |
|                        | Stornoway                             | 1020.0       | 58     | SSE            | 1        | bc  | 1019.6                   | 0            | 56           | 2      | S              | 2                               | -        | cg          | 2                                   | -              | 64   | 51         | c. bc      | bc         | bc. bc. cg                              | 7.4                        |
|                        | Castlebay (Barra Isd.)                | 1018.4       | 59     | E              | 4        | C   | 1018.6                   | 0            | 56           | SE     | 5              | -                               | om       | 7           | -                                   | 61             | 53   | bc. bc. om | bc. bc. om | bc. bc. om | 7.3                                     |                            |
|                        | Glasgow                               | 1022.4       | 58     | E              | 2        | C   | 1023.6                   | +1           | 46           | -5     | E              | 2                               | S        | 0           | -                                   | 66             | 43   | bc. bc. c  | bc. bc. c  | bc. bc. c  | 6.7                                     |                            |
|                        | Eskdalemuir                           | 1023.9       | 54     | ESE            | 3        | C   | 1024.7                   | 0            | 44           | -2     | N              | 2                               | S        | 0           | -                                   | 61             | 40   | bc. bc. c  | bc. bc. c  | bc. bc. c  | 8.2                                     |                            |
|                        | Malin Head                            | 1013.9       | 60     | SE             | 6        | cg  | 1018.3                   | +1           | 57           | +1     | NE             | 2                               | SE       | om          | 3                                   | -              | 64   | 52         | bc. om     | om         | om                                      | 7.1                        |
|                        | Blacksod Point                        | 1010.2       | 62     | SE             | 3        | om  | 1013.0                   | +2           | 58           | +1     | S              | 4                               | SE       | bc          | 3                                   | -              | 65   | 55         | bc         | om         | om                                      | 1.7                        |
|                        | Valencia                              | 1010.9       | 65     | SSE            | 5        | C   | 1016.2                   | +1           | 59           | -4     | SSE            | 1                               | -        | 0           | 3                                   | -              | 66   | 58         | c          | o.c        | bc                                      | 1.7                        |
|                        | Roche's Point                         | 1017.8       | 62     | SE             | 4        | 0   | 1017.7                   | -            | 61           | +1     | SW             | 2                               | -        | 0           | 4                                   | -              | 62   | 59         | om         | om         | om                                      | 6.4                        |
|                        | Birr Castle                           | 1014.8       | 62     | E              | 3        | C   | 1017.5                   | -            | 58           | +2     | SE             | 2                               | -        | 0           | -                                   | -              | 68   | 55         | bc         | c          | c. o                                    | 9.3                        |
|                        | Donaghadee                            | 1019.0       | 58     | SE             | 4        | bc. om                                    | 1019.9                   | +2           | 55           | +1     | SSE            | 4                               | SE       | cg. om      | 3                                   | -              | 61   | 54         | bc. om     | bc. om     | bc. om                                  | 10.7                       |
|                        | Liverpool (Bidston)                   | 1021.0       | 60     | ESE            | 4        | bc  | 1022.3                   | 0            | 50           | 0      | ESE            | 3                               | E        | bc          | 3                                   | -              | 64   | 48         | bc         | bc         | bc                                      | 8.4                        |
|                        | Holyhead                              | 1018.3       | 64     | SE             | 2        | bc  | 1020.2                   | 0            | 56           | +2     | -              | 0                               | -        | bc. om      | 0                                   | -              | 73   | 53         | bc         | bc         | bc. om                                  | 4.9                        |
|                        | Pembroke (St. Ann's)                  | 1017.6       | 62     | ESE            | 5        | bc  | 1019.2                   | 0            | 56           | 0      | ESE            | 5                               | S        | cg. bc      | 4                                   | -              | 64   | 55         | bc         | bc         | bc                                      | 9.7                        |
|                        | Scilly (St. Mary's)                   | 1016.0       | 60     | ESE            | 5        | om  | 1018.1                   | +1           | 59           | 0      | SE             | 1                               | -        | bc          | 3                                   | -              | 64   | 57         | bc         | bc         | bc                                      | 11.1                       |
|                        | Falmouth                              | 1017.7       | 60     | E              | 4        | bc. bc                                    | 1018.3                   | +1           | 59           | 0      | E              | 3                               | -        | bc          | 4                                   | -              | 65   | 58         | bc         | bc         | bc                                      | 11.2                       |
|                        | Jersey (St. Aubin)                    | 1017.4       | 66     | E              | 4        | bc  | 1019.0                   | -            | 59           | 0      | E              | 3                               | -        | bc          | 3                                   | -              | 71   | 57         | bc         | bc         | bc                                      | 10.2                       |
|                        | Portland Bill                         | 1019.4       | 61     | E              | 6        | bc  | 1019.7                   | 0            | 61           | +1     | E              | 5                               | E        | bc          | 4                                   | -              | 63   | 60         | bc         | bc         | bc                                      | 11.4                       |
|                        | Dungeness                             | 1022.2       | 60     | ESE            | 4        | bc  | 1022.7                   | 0            | 56           | 0      | E              | 3                               | -        | C           | 3                                   | -              | 65   | 53         | bc         | bc         | bc. bc. c                               | 10.3                       |
|                        | Dover                                 | 1023.9       | 56     | NE             | 4        | bc  | 1024.2                   | 0            | 53           | -4     | E              | 4                               | -        | bc          | 3                                   | -              | 61   | 51         | bc         | bc         | bc                                      | 9.7                        |
| Wick                   | 1023.0                                | 54           | SSE    | 4              | C        | 1021.8                                    | +1                       | 54           | +1           | SSE    | 4              | -                               | 0        | 5           | -                                   | 55             | 53   | bc. om     | bc. om     | bc. om     | 6.7                                     |                            |
| Nairn                  | 1022.0                                | 57           | -      | 0              | om       | 1021.6                                    | -                        | 48           | -4           | -      | 0              | -                               | om       | 0           | -                                   | 68             | 46   | bc. om     | bc. om     | bc. om     | 0.0                                     |                            |
| Aberdeen               | 1025.7                                | 54           | SSE    | 4              | 0        | 1024.6                                    | 0                        | 55           | +1           | SSE    | 3              | SW                              | bc       | 3           | -                                   | 56             | 53   | 0          | 0          | o.c. bc    | 11.4                                    |                            |
| Leith                  | 1023.4                                | 58           | ESE    | 3              | C        | 1023.8                                    | 0                        | 47           | -2           | SE     | 2              | -                               | C        | -           | -                                   | 65             | 45   | bc         | bc. bc. c  | c. bc      | 10.3                                    |                            |
| Tynemouth              | 1025.5                                | 55           | SE     | 3              | bc. bc   | 1024.9                                    | -1                       | 54           | +2           | SSE    | 3              | S                               | C        | 4           | -                                   | 58             | 52   | bc         | bc         | bc         | 7.8                                     |                            |
| Spurn Head             | 1026.5                                | 60           | SE     | 5              | bc. om   | 1026.1                                    | 0                        | 57           | 0            | SE     | 5              | -                               | cg       | 5           | -                                   | 62             | 53   | bc         | bc         | bc         | 11.2                                    |                            |
| Yarmouth               | 1025.3                                | 58           | SE     | 4              | bc       | 1026.0                                    | 0                        | 57           | 0            | SE     | 5              | SE                              | bc       | 5           | -                                   | 62             | 56   | bc         | bc         | bc         | 10.2                                    |                            |
| Clacton-on-Sea         | 1024.0                                | 59           | E      | 4              | bc       | 1024.4                                    | 0                        | 58           | 0            | E      | 4              | E                               | C        | 3           | -                                   | 61             | 57   | bc. bc     | bc. bc     | bc. bc     | 11.4                                    |                            |
| Nottingham             | 1023.9                                | 57           | ESE    | 3              | bc       | 1024.6                                    | -                        | 48           | -1           | E      | 3              | SE                              | C        | -           | -                                   | 64             | 46   | bc. bc     | bc. bc     | bc         | 10.2                                    |                            |
| Bath                   | 1020.6                                | 63           | E      | 1              | bc       | 1022.1                                    | -                        | 48           | +1           | ESE    | 2              | S                               | 0        | -           | -                                   | 68             | 45   | bc         | bc. bc     | bc. bc. o  | 11.4                                    |                            |
| Sth Farnborough        | 1022.0                                | 57           | E      | 3              | bc       | 1022.6                                    | +1                       | 47           | -1           | -      | 0              | SW                              | bc. bc   | -           | -                                   | 68             | 42   | bc         | bc         | bc         | 10.3                                    |                            |
| London (Kew Obsy.)     | 1023.3                                | 58           | E      | 4              | bc       | 1023.3                                    | +1                       | 51           | -2           | E      | 3              | S                               | bc. om   | -           | -                                   | 65             | 50   | bc. bc     | bc. bc     | bc. bc. om | 9.7                                     |                            |
| NORTHERN EUROPE.       | Spitsbergen                           | 1009.9       | 34     | SSW            | 4        | 0   | 1007.7                   | +1           | 28           | -6     | NW             | 8                               | -        | 0           | -                                   | -              | 34   | 28         | -          | -          | -                                       | GALES.                     |
|                        | Vardö                                 | 1014.4       | 41     | N              | 5        | bc  | 1008.0                   | -2           | 41           | +2     | NW             | 8                               | -        | bc          | 5                                   | -              | 41   | 34         | -          | -          | -                                       | Duration and Extreme Force |
|                        | Bodö                                  | 1030.3       | 43     | NW             | 2        | C   | 1030.0                   | 0            | 41           | 0      | N              | 2                               | -        | C           | 2                                   | -              | 45   | 37         | -          | -          | -                                       | in British Islands.        |
|                        | Christiansund                         | 1032.0       | 43     | NE             | 1        | bc  | 1031.8                   | 0            | 41           | 0      | -              | 0                               | -        | bc          | 2                                   | -              | 48   | 39         | -          | -          | -                                       |                            |
|                        | Skudesnaes                            | 1031.1       | 46     | -              | 0        | bc  | 1032.2                   | 0            | 48           | +2     | SSE            | 4                               | -        | C           | 2                                   | -              | 55   | 41         | -          | -          | -                                       |                            |
|                        | Færder (X'ianla Fjord)                | 1029.2       | 50     | NW             | 1        | bc  | 1031.9                   | +1           | 45           | -2     | NE             | 2                               | -        | bc          | 1                                   | -              | 50   | 43         | -          | -          | -                                       |                            |
|                        | The Scaw (Skagen)                     | 1030.1       | 48     | N              | 3        | bc  | 1032.3                   | +1           | 54           | +9     | N              | 1                               | NW       | bc          | 1                                   | -              | 55   | 41         | -          | -          | -                                       |                            |
|                        | Blaavands Huk                         | 1030.4       | 46     | E              | 1        | bc  | 1032.6                   | +2           | 36           | -9     | E              | 1                               | NW       | C           | 2                                   | -              | 54   | 30         | -          | -          | -                                       |                            |
|                        | Haparanda                             | 1019.9       | 41     | NW             | 6        | C   | 1021.6                   | 0            | 37           | -2     | NW             | 2                               | -        | 0           | -                                   | -              | 46   | 36         | -          | -          | -                                       |                            |
|                        | Hernösand                             | 1025.9       | 41     | -              | 0        | bc  | 1027.7                   | 0            | 41           | 0      | N              | 4                               | -        | bc          | -                                   | -              | 48   | 36         | -          | -          | -                                       |                            |
| FRANCE, &c.            | Stockholm                             | 1024.3       | 41     | NW             | 4        | C   | 1027.1                   | +2           | 39           | +2     | NW             | 2                               | -        | bc          | -                                   | -              | 46   | 34         | -          | -          | -                                       |                            |
|                        | Wisby                                 | 1024.3       | 43     | NNW            | 8        | C   | 1028.8                   | +4           | 43           | 0      | NNW            | 2                               | -        | bc          | -                                   | -              | 45   | 39         | -          | -          | -                                       |                            |
|                        | Karlstad                              | 1028.3       | 45     | -              | 0        | bc  | 1032.0                   | +3           | 36           | -5     | N              | 2                               | -        | bc          | -                                   | -              | 50   | 28         | -          | -          | -                                       |                            |
|                        | Petrograd (5 a.m. G.M.T.)             |              |        |                |          |   |                          |              |              |        |                |                                 |          |             |                                     |                |      |            |            |            |   |                            |
|                        | The Helder                            | 1026.0       | 54     | ESE            | 4        | bc  | 1028.8                   | 0            | 48           | -7     | E              | 3                               | N        | bc          | 2                                   | -              | 59   | 48         | -          | -          | -                                       |                            |
|                        | C. Gris Nez                           | 1022.7       | 55     | E              | 4        | bc  | 1023.5                   | +1           | 48           | -2     | SE             | 4                               | -        | bc          | 2                                   | -              | 64   | 46         | -          | -          | -                                       |                            |
|                        | La Hève                               | 1019.4       | 63     | E              | 3        | om  | 1020.7                   | -            | 52           | 0      | E              | 4                               | -        | bc          | 4                                   | -              | 70   | 48         | -          | -          | -                                       |                            |
|                        | Ushant                                | 1016.4       | 63     | SW             | 1        | C   | 1018.0                   | -            | 63           | 0      | N              | 2                               | -        | 0           | 3                                   | -              | 72   | 59         | -          | -          | -                                       |                            |
|                        | Brest (St. Mathieu)                   | 1017.0       | 64     | SW             | 1        | 0   | 1018.0                   | 0            | 61           | -2     | NE             | 2                               | -        | 0           | 3                                   | -              | 81   | 59         | -          | -          | -                                       |                            |
|                        | Rochefort (Ile d'Aix)                 | 1014.7       | 70     | NW             | 3        | bc  | 1018.1                   | +2           | 64           | +3     | SSE            | 1                               | -        | om          | -                                   | -              | 88   | 63         | -          | -          | -                                       |                            |
| SOUTHERN EUROPE.       | Biarritz                              | 1015.8       | 70     | WSW            | 3        | 0   | 1018.4                   | 0            | 67           | -      | SW             | 3                               | -        | 0           | 2                                   | -              | 79   | 66         | -          | -          | -                                       |                            |
|                        | Paris                                 | 1019.8       | 61     | ESE            | 2        | bc  | 1021.6                   | +2           | 48           | 0      | ESE            | 1                               | -        | bc          | -                                   | -              | 72   | 45         | -          | -          | -                                       |                            |
|                        | Belfort                               | 1022.1       | 57     | E              | 6        | om  | 1024.2                   | -            | 47           | -1     | E              | 6                               | -        | bc          | -                                   | -              | 65   | 41         | -          | -          | -                                       |                            |
|                        | Lyons                                 |              |        |                |          |   |                          |              |              |        |                |                                 |          |             |                                     |                |      |            |            |            |   |                            |
|                        | Nice                                  | 1017.5       | 65     | -              | 0        | C   | 1020.6                   | +2           | 65           | 0      | -              | 0                               | -        | 0           | 0                                   | -              | 77   | 61         | -          | -          | -                                       |                            |
|                        | Perpignan                             | 1016.3       | 68     | SE             | 1        | 0   | 1019.5                   | +2           | 63           | -5     | S              | 1                               | -        | 0           | -                                   | -              | 79   | 63         | -          | -          | -                                       |                            |
|                        | Sanguinaire                           |              |        |                |          |   |                          |              |              |        |                |                                 |          |             |                                     |                |      |            |            |            |   |                            |
|                        | Corunna (7 a.m.)                      | 1017.6       | 66     | NW             | 3        | 0   | 1020.2                   | +3           | 61           | -3     | SE             | 1                               | -        | bc          | 1                                   | -              | 73   | 59         | -          | -          | -                                       |                            |
|                        | Madrid (8 a.m.)                       | 1013.5       | 79     | N              | 1        | bc  | 1019.4                   | +2           | 64           | -2     | NE             | 1                               | -        | bc          | -                                   | -              | 81   | 59         | -          | -          | -                                       |                            |
|                        | Lisbon (9 a.m.)                       | 1015.8       | 75     | WSW            | 4        | bc  | 1017.9                   | 0            | 70           | +2     | E              | 1                               | -        | 0           | 5                                   | -              | 77   | 68         | -          | -          | -                                       |                            |
| Gibraltar              | 1016.9                                | 70           | E      | 2              | bc       | 1017.3                                    | -                        | 68           | -1           | E      | 3              | -                               | bc       | 1           | -                                   | 79             | 65   | -          | -          | -          |   |                            |
| Rome                   |                                       |              |        |                |          |   |                          |              |              |        |                |                                 |          |             |                                     |                |      |            |            |            |   |                            |
| Malta (8 a.m.)         |                                       |              |        |                |          | 1018.7                                    | +1                       | 70           | -2           | ESE    | 1              | -                               | bc       | -           | -                                   | 77             | 68   | -          | -          | -          |   |                            |
| Azores (Horta, 8 a.m.) | 1015.7                                | -            | SW     | 5              | C        | 1015.0                                    | +2                       | 70           | +2           | SW     | 5              | -                               | 0        | 3           | -                                   | 73             | 70   | -          | -          | -          |   |                            |
| Madeira (Funchal)      | 1016.7                                | 75           | N      | 2              | 0        | 1019.4                                    | +2                       | 66           | -4           | N      | 2              | -                               | bc       | 2           | -                                   | 75             | 66   | -          | -          | -          |   |                            |

## South Farnborough

Pilot Balloon Ascent at about 7 a.m.

2000 metres S.S.E. 8 miles per hour.  
500 metres S.S.E. by E. 20 " " "





**FORECAST FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

No Warnings Issued.

Western Channel and Bay 11

0 } Light or moderate Southerly winds; fair generally, but misty in places; normal temperature.

1 }  
2 } Light or moderate South-Easterly winds; fair generally, but misty in places; rather warmer.

3 }  
4 } Light or moderate Easterly to South-Easterly winds; fine to-day, less settled to-morrow, rain locally; rather warmer.

5 }  
6 } Light Easterly and South-Easterly winds; fair at first, cloudy later with local showers; rather warmer.

7 }  
8 } Light variable breezes; cloudy, misty, local showers; normal temperature.

9 } Same as Nos. 6 and 7.

10 } Light variable breezes, and a slight sea; cloudy, local showers; normal temperature.

**FURTHER OUTLOOK.**

R. G. K. LEMPFERT, Superintendent, Forecast Division.

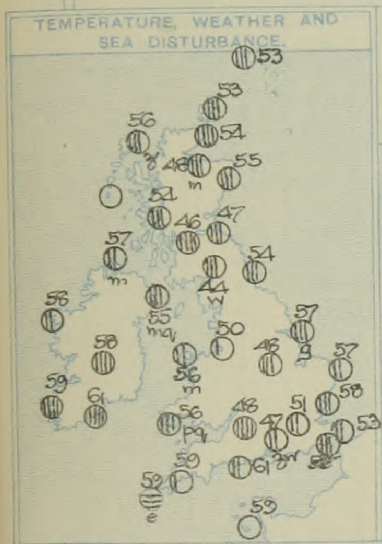
W. NAPIER SHAW, Director



# SYNOPTIC CHART FOR 7 a.m., TUESDAY, 21<sup>ST</sup> SEPTEMBER, 1915.

## GENERAL INFERENCE.

There are some indications of the approach of a shallow depression towards our south and south-west coasts, and the weather in those districts is therefore likely to become less settled than of late.



## EXPLANATION.

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

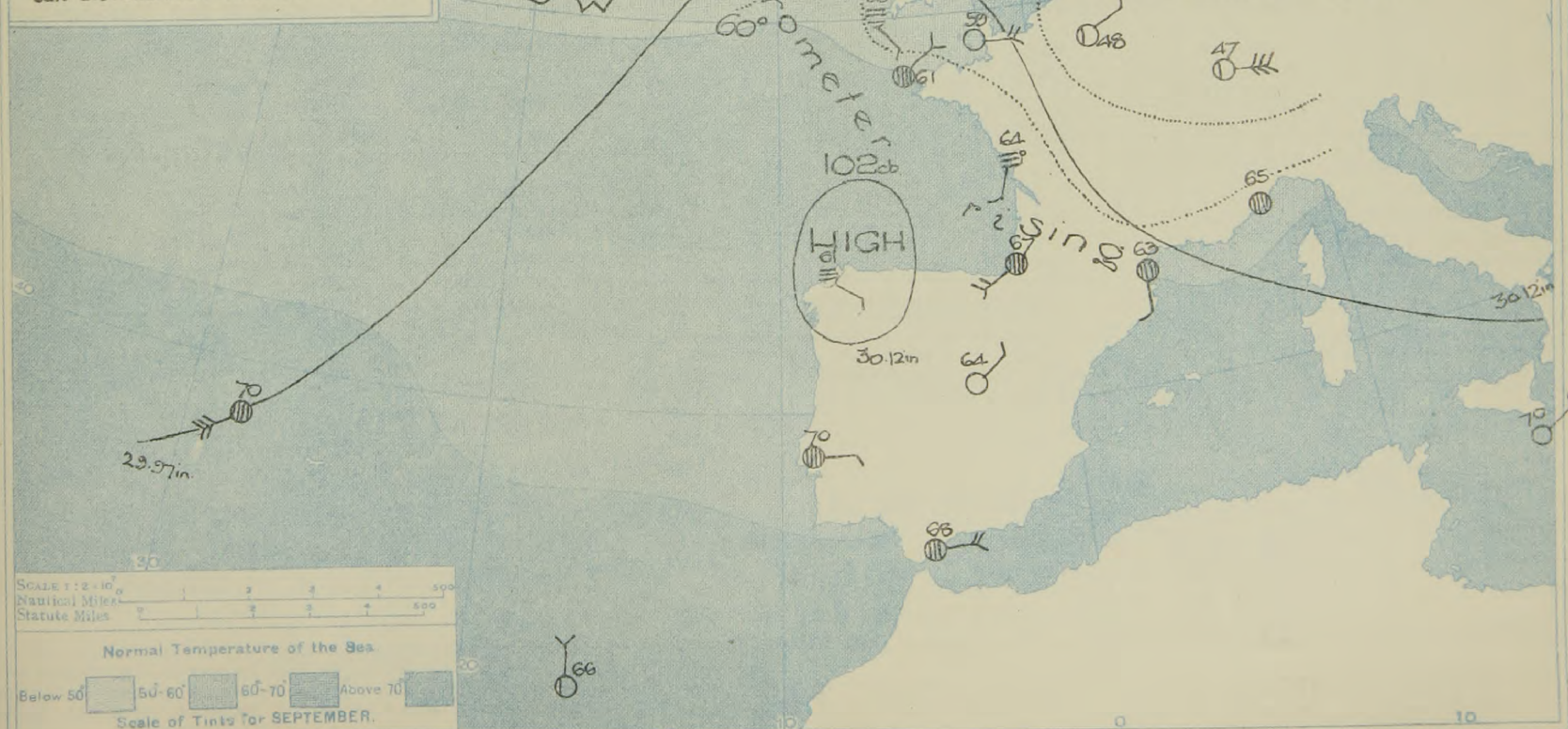
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm

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

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ sky 1/2 clouded. ○ overcast sky. ● rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

**SEA DISTURBANCE.**—Rough High





## DAILY WEATHER REPORT

Tuesday, 21<sup>st</sup> September, 1915.REPORTS  
FOR  
YESTERDAY.20<sup>th</sup> September

| STATIONS. | EVENING OBSERVATIONS.             |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |              |                           |        |                |                                 |          |             |      | Rain-fall.<br>Milli-metres. | TEMP. |  |
|-----------|-----------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|------|-----------------------------|-------|--|
|           | BAROM.<br>Milli-bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                             | Min.  |  |
|           |                                   |       | Direc. | Force<br>0-12. |          | Milli-bars at<br>M.S.L.        | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |      |                             |       |  |
|           |                                   | ° F.  |        |                |          |                                |                          | ° F.         | ° F.                      |        |                |                                 |          |             |      |                             |       |  |
| Petrograd | 999.7                             | 43    | NW     | 4              | 0        | 1000.7                         | +2                       | 41           | -2                        | NW     | 4              | -                               | 0        | 4           | -    | 45                          | 41    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.      | Rainfall.                | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS.         | Rainfall.                | TEMPERATURE.               |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |       |      |
|----------------|--------------------------|--------------|------|-----------|------------|-------------------------------|-------------------|--------------------------|----------------------------|------|-----------|------------|-------------------------------|-------|------|
|                |                          | Max.         | Min. | Forenoon. | Afternoon. |                               |                   |                          | Max.                       | Min. | Forenoon. | Afternoon. |                               |       |      |
|                | mm. & .                  | ° F.         | ° F. |           |            | Hr.                           |                   | mm. & .                  | ° F.                       | ° F. |           |            | Hr.                           |       |      |
| Scotland.      | { Oban ... ..            | —            | 66   | 46        | b          | b                             | 5.5               | { Tunbridge Wells ... .. | —                          | 64   | 48        | b          | b                             | 10.7  |      |
|                | { Banff ... ..           | —            | 66   | 51        | o.c        | c                             | 2.5               |                          | { Margate ... ..           | —    | 61        | 55         | b                             | b     | 11.1 |
|                | { Carnoustie ... ..      | —            | 57   | 62        | o          | o                             | 0.0               |                          | { Ramsgate ... ..          | —    | 61        | 55         | b.c                           | b     | 10.3 |
|                | { St. Andrews ... ..     | —            | 60   | 47        | *          | *                             | 3.5               |                          | { Hastings ... ..          | —    | 64        | 54         | b                             | b     | 11.1 |
| Eng.<br>N.E.   | { Harrogate ... ..       | —            | 60   | 40        | b.b.c      | b.c.c                         | 4.6               | { Bexhill-on-Sea ... ..  | —                          | 64   | 56        | b          | b                             | 10.1  |      |
|                | { Skegness ... ..        | —            | 63   | 55        | b.c.b      | b.b.c. ov                     | 9.1               |                          | { Eastbourne ... ..        | —    | 64        | 56         | b                             | b     | 10.1 |
|                |                          |              |      |           |            |                               | { Seaford ... ..  |                          | —                          | 65   | 50        | b          | b                             | 10.4  |      |
|                |                          |              |      |           |            |                               | { Brighton ... .. |                          | —                          | 68   | 52        | b          | b                             | 10.5  |      |
| Eng.<br>N.W.   | { Morecambe ... ..       | —            | 66   | 48        | b          | b                             | 10.0              | { Worthing ... ..        | —                          | 66   | 50        | b          | b                             | 11.0  |      |
|                | { Blackpool ... ..       | —            | 65   | 46        | b.b        | b.c.b.c                       | 9.5               |                          | { Littlehampton ... ..     | —    | 69        | 59         | b                             | b     | 10.8 |
|                | { Southport ... ..       | —            | 66   | 44        | b.b.c      | b.b.c                         | 9.8               |                          | { Bognor ... ..            | 0.2  | 64        | 50         | b                             | b     | 10.0 |
|                |                          |              |      |           |            |                               | { Southsea ... .. |                          | —                          | 67   | 51        | b          | b                             | 10.0  |      |
| Midlands.      | { Buxton ... ..          | —            | 60   | 43        | b          | b                             | 10.1              | { Bournemouth ... ..     | —                          | 65   | 49        | b          | b                             | 10.8  |      |
|                | { Leamington Spa ... ..  | —            | 66   | 45        | b          | b                             | 10.1              |                          |                            |      |           |            |                               |       |      |
|                | { Malvern ... ..         | —            | 67   | 44        | b          | b.b.c                         | 11.0              |                          |                            |      |           |            |                               |       |      |
|                | { Ross-on-Wye ... ..     | —            | 67   | 41        | b.m        | b.z.c                         | 10.4              |                          |                            |      |           |            |                               |       |      |
| Wales.         | { Rhyl ... ..            | —            | 66   | 48        | b          | b.c                           | 10.3              | { Weymouth... ..         | —                          | 66   | 52        | b.b        | b.b.c                         | 9.4   |      |
|                | { Colwyn Bay ... ..      | —            | 67   | 47        | b          | b.c                           | 10.8              |                          | { Torquay ... ..           | —    | 66        | 57         | b                             | b.b.c | 9.4  |
|                | { Llandudno ... ..       | —            |      |           |            |                               |                   |                          | { Paignton ... ..          | —    | 65        | 57         | b                             | b     | 7.8  |
|                | { Aberystwyth ... ..     | —            | 69   | 59        | c.b.b      | b.c.o                         | 11.0              |                          | { Falmouth ... ..          | —    | 65        | 52         | b                             | b     | 9.5  |
| England,<br>E. | { Tenby ... ..           | —            | 67   | 55        | b.c        | b.c.c                         | 2.0               | { Penzance ... ..        | —                          | 66   | 60        | b.c        | b.c.c                         | 10.0  |      |
|                | { Cromer ... ..          | —            | 62   | 51        | b.c        | b.c                           | 10.1              |                          | { Newquay ... ..           | —    | 67        | 57         | b                             | b.b.c | 10.0 |
|                | { Lowestoft ... ..       | —            | 61   | 56        | b.c        | c                             | 9.0               |                          | { Ilfracombe ... ..        | —    | 70        | 55         | b.b                           | b.b.c | 10.0 |
|                | { Felixstowe ... ..      | —            | 61   | 57        | b.c        | b.c                           | 10.6              |                          | { Weston-super-Mare ... .. | —    | 69        | 45         | b                             | b     | 10.3 |
|                | { Walton-on-Naze ... ..  | —            | 61   | 57        | b.c.b      | b.b.c                         | 10.5              |                          |                            |      |           |            |                               |       |      |
|                | { Southend-on-Sea ... .. | —            | 64   | 50        | b          | b                             | 10.0              |                          |                            |      |           |            |                               |       |      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE. |            |                   | Rain-<br>fall. | WEATHER.       |                 |        |
|--|---------------------------|-----------------------|---|--------------|------------|-------------------|----------------|----------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |            | Min. on<br>Grass. |                | Fore-<br>noon. | After-<br>noon. | Night. |
|  |                           |                       |   | Max.         | Min.       |                   |                |                |                 |        |
|  |                           |                       |   |              |            |                   |                |                |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |              |            |                   |                |                |                 |        |
| Greenwich (Royal Obs.) ...   | %<br>38                   | %<br>62               | Hr.<br>10.6                             | ° F.<br>65   | ° F.<br>48 | ° F.<br>35        | mm. \$<br>-    | δ. bc          | δc              | δc     |
| City (Bunhill Row) ...   | %<br>*                    | %<br>*                | 9.5                                     | %<br>*       | %<br>*     | %<br>*            | %<br>*         | %<br>*         | %<br>*          | %<br>* |
| Westminster (St. James's Pl.)  | 58                        | 67                    | 9.9                                     | 66           | 53         | 48                | .              | δc             | δc              | δc. δ  |
| Camden Sq. (Brit. Rainfall)  | 52                        | 65                    | 8.2                                     | 68           | 49         | 44                | -              | δ              | δ               | %      |
| Hampstead (Reservoir) ...  | %<br>*                    | 66                    | 10.4                                    | 62           | 48         | 37                | -              | δ              | δc              | δc     |
| Richmond Park ...  | %<br>*                    | %<br>*                | 10.4                                    |              |            |                   |                |                |                 |        |
| Kew. (See front page.)   |                           |                       |   |              |            |                   |                |                |                 |        |
| VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                           |                       |   |              |            |                   |                |                |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.)       |                           |                       |   | Total.       |            | Average Rate.     |                | Max. Rate.     |                 |        |
| S. Kensington (Roof of M.O.)   | 56                        | 63                    | 10.0                                    | 134.0 Joules |            | 30.2 Milliwatts.  |                | 53 Milliwatts. |                 |        |

## Additional Observations for Yesterday.

| STATIONS.                                   | RAIN-<br>FALL. | TEMPERATURE. |      |                               | WEATHER. |                |                 | Sun-<br>shine<br>for<br>Yester-<br>day.<br>Hr. |
|---|----------------|--------------|------|-------------------------------|----------|----------------|-----------------|--|
|   |                | In Screen.   |      | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon. | After-<br>noon. |  |
|   |                | Max.         | Min. |                               |          |                |                 |  |
| Dublin to 4 p.m.                            | mm.            | ° F.         | ° F. | ° F.                          |          |                |                 |  |
| Darwen to 9 p.m.                            | "              | 62           | 46   | 41                            | b.c      | b.c            | b.c             | 9.9  |
| Manchester "                                |                |              |      | "                             |          |                |                 |  |
| Birmingham "                                | "              | 65           | 40   | 40                            |          | b              | b               | 10.1   |
| Oxford to 8 p.m.                            | "              | 66           | 42   | 38                            | b. b.w   | b              | b.m             | "  |
| Teignmouth to 9,,                           | "              | 63           | 57   | 55                            | b        | b              | b. b.c          | 8.1  |
| Plymouth "                                  |                |              |      |                               |          |                |                 |  |
| S. Kensington<br>(Museum Grounds to 6 p.m.) | "              | 65           | 50   | 38                            | b        | b              | b               | "  |

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

| 21 <sup>st</sup> 22 <sup>nd</sup> Sep. 1915. | Sunrise. | Noon.  | Sunset. |
|--|----------|--------|---------|
|  | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                                 | 5.39     | 11.46  | 5.54    |
| Greenwich ...                                | 5.40     | 11.46  | 5.52    |
| Wick ...                                     | 5.46     | 11.53  | 6.1     |
| Valencia ...                                 | 5.47     | 11.53  | 5.59    |
|  | 5.55     | 12.5   | 6.15    |
|  | 5.57     | 12.5   | 6.12    |
|  | 6.27     | 12.34  | 6.42    |
|  | 6.28     | 12.34  | 6.40    |

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° in many parts of the United Kingdom, and reached 71° at Jersey. More than 10 hours of bright sunshine were recorded at most of the English stations. Showers fell in the west and south of Ireland.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 265.

Wednesday  
22<sup>nd</sup> September 1915.

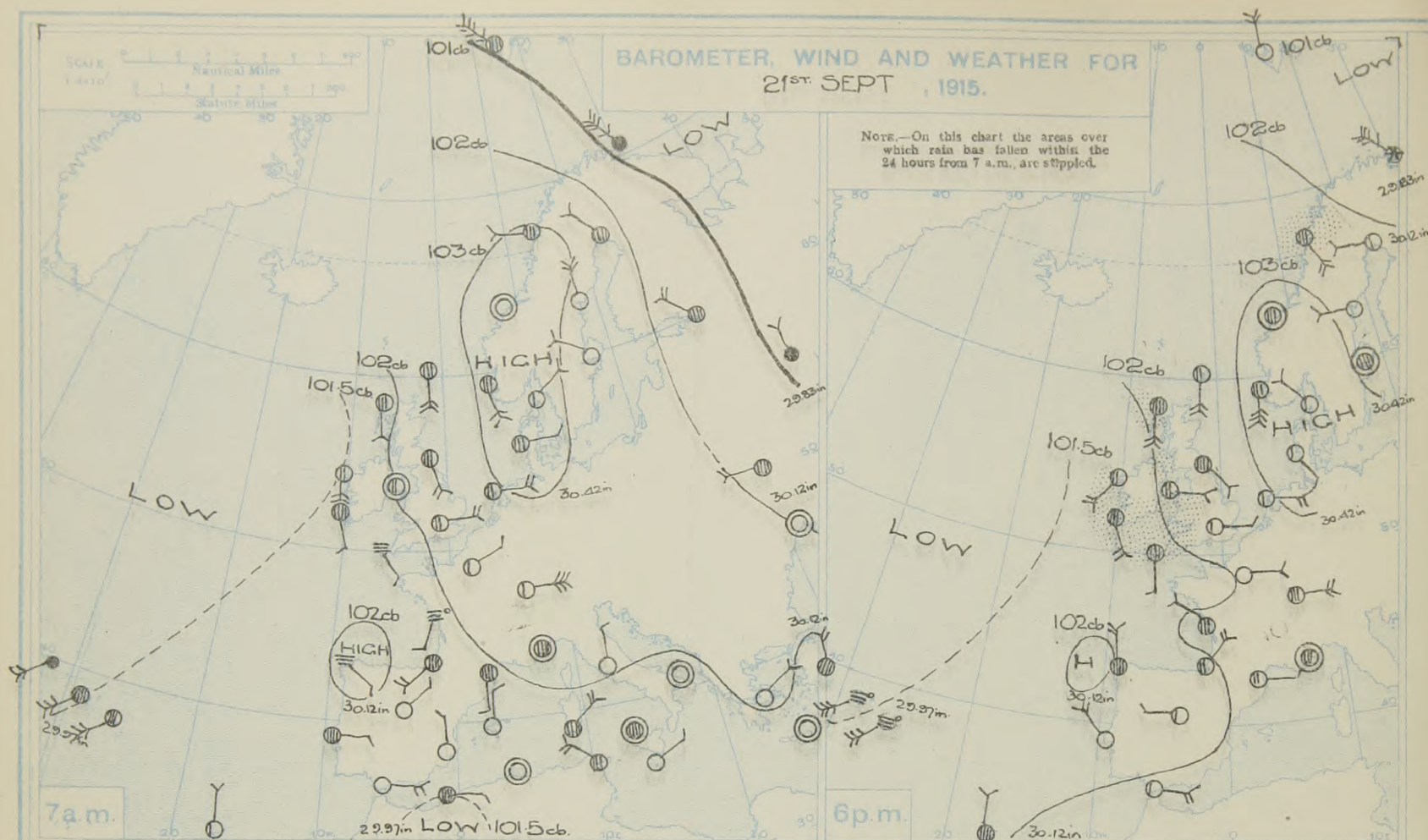
| STATIONS.                            | YESTERDAY EVENING.                    |              |       |                |          | THIS MORNING 7 A.M., G.M.T. |                          |              |                           |       |                |                                 |          |             |                                     | PAST 24 HOURS. |      |          |            |        | Sun-<br>shine<br>for<br>Yester-<br>day. |        |
|--------------------------------------|---------------------------------------|--------------|-------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|-------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|------|----------|------------|--------|---|--------|
|                                      | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND. |                | Weather. | Barometer.                  |                          | TEMP.        |                           | WIND. |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |      | WEATHER. |            |        |   |        |
|                                      |                                       |              | Dir.  | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Dir.  | Force<br>0-12. |                                 |          |             |                                     | Max.           | Min. | Morning. | Afternoon. | Night. |   |        |
| BRITISH ISLANDS.                     | Lerwick                               | 10258        | 54    | S              | 4        | bc                          | 10247                    | -1           | 53                        | 0     | S              | 4                               | S        | bc          | 3                                   | -              | 56   | 52       | bc         | bc     | bc                                      | Hours. |
|                                      | Deerness                              | 10223        | 53    | SSE            | 3        | bc                          | 10220                    | -1           | 53                        | 0     | SSE            | 6                               | -        | bc          | 5                                   | -              | 56   | 52       | bc         | bc     | bc                                      | 2.8    |
|                                      | Stornoway                             | 10209        | 56    | S              | 4        | bc                          | 10197                    | -1           | 53                        | -3    | SSE            | 1                               | -        | bc          | 1                                   | 2              | 58   | 50       | bc         | bc     | bc                                      | 0.0    |
|                                      | Castlebay (Barraisd.)                 | 10197        | 57    | SE             | 4        | bc                          | 10182                    | -1           | 57                        | +1    | SE             | 5                               | -        | bc          | 5                                   | -              | 59   | 55       | bc         | bc     | bc                                      | 0.5    |
|                                      | Glasgow                               | 10226        | 58    | E              | 2        | c                           | 10222                    | -1           | 49                        | +2    | E              | 2                               | S        | c           | 0.1                                 | 59             | 46   | c        | c          | c      | 0.7                                     |        |
|                                      | Esksdalemuir                          | 10243        | 56    | ESE            | 1        | bc                          | 10235                    | -1           | 47                        | +3    | NNE            | 2                               | SW       | bc          | -                                   | -              | 61   | 43       | bc         | bc     | bc                                      | 0.3    |
|                                      | Malin Head                            | 10190        | 59    | SSE            | 4        | bc                          | 10172                    | -2           | 57                        | 0     | S              | 3                               | SE       | bc          | 2                                   | -              | 62   | 53       | bc         | bc     | bc                                      | 5.3    |
|                                      | Blacksod Point                        | 10161        | 61    | SSW            | 3        | bc                          | 10140                    | -2           | 57                        | -1    | SE             | 4                               | SE       | bc          | 4                                   | 1              | 65   | 55       | bc         | bc     | bc                                      | -      |
|                                      | Valencia                              | 10169        | 62    | SSE            | 3        | c                           | 10146                    | 0            | 59                        | 0     | S              | 1                               | -        | bc          | 3                                   | 13             | 67   | 59       | bc         | bc     | bc                                      | 5.4    |
|                                      | Roche's Point                         | 10195        | 60    | SSW            | 3        | c                           | 10179                    | -1           | 62                        | +1    | S              | 3                               | -        | bc          | 4                                   | 1              | 66   | 60       | bc         | bc     | bc                                      | -      |
|                                      | Birr Castle                           | 10182        | 60    | SE             | 2        | c                           | 10171                    | -1           | 58                        | 0     | SE             | 1                               | -        | bc          | -                                   | -              | 64   | 56       | bc         | bc     | bc                                      | 0.3    |
|                                      | Donaghadee                            | 10202        | 57    | SSE            | 3        | bc                          | 10191                    | -1           | 55                        | 0     | SSE            | 3                               | S        | bc          | 3                                   | 0.2            | 61   | 54       | bc         | bc     | bc                                      | -      |
|                                      | Liverpool (Bidston)                   | 10215        | 61    | ESE            | 3        | bc                          | 10214                    | -1           | 51                        | +1    | ESE            | 3                               | E        | bc          | 2                                   | -              | 65   | 50       | bc         | bc     | bc                                      | 6.2    |
|                                      | Holyhead                              | 10202        | 63    | E              | 2        | bc                          | 10200                    | 0            | 58                        | +2    | S              | 4                               | SE       | bc          | 3                                   | 1              | 67   | 55       | bc         | bc     | bc                                      | 2.2    |
|                                      | Pembroke (St. Ann's)                  | 10200        | 61    | SSE            | 3        | c                           | 10207                    | +1           | 59                        | +3    | S              | 2                               | -        | bc          | 3                                   | 3              | 63   | 56       | bc         | bc     | bc                                      | 2.1    |
|                                      | Scilly (St. Mary's)                   | 10196        | 63    | S              | 1        | c                           | 10199                    | 0            | 59                        | 0     | SSE            | 2                               | S        | bc          | 3                                   | 0.1            | 66   | 57       | bc         | bc     | bc                                      | 2.4    |
|                                      | Falmouth                              | 10195        | 59    | E              | 2        | bc                          | 10214                    | +2           | 56                        | -3    | E              | 1                               | -        | bc          | 3                                   | -              | 64   | 54       | bc         | bc     | bc                                      | 1.6    |
|                                      | Jersey (St. Aubin)                    | 10195        | 69    | E              | 2        | c                           | 10215                    | -1           | 60                        | +1    | W              | 2                               | -        | bc          | 1                                   | -              | 73   | 57       | bc         | bc     | bc                                      | 8.0    |
|                                      | Portland Bill                         | 10205        | 60    | E              | 5        | c                           | 10203                    | -1           | 58                        | +3    | E              | 3                               | -        | bc          | 3                                   | 2              | 64   | 57       | bc         | bc     | bc                                      | -      |
|                                      | Dungeness                             | 10223        | 61    | ANE            | 3        | bc                          | 10224                    | 0            | 58                        | +2    | ESE            | 3                               | SE       | bc          | 3                                   | -              | 64   | 55       | bc         | bc     | bc                                      | -      |
|                                      | Dover                                 | 10234        | 60    | ENE            | 3        | bc                          | 10238                    | -1           | 56                        | +3    | E              | 2                               | -        | bc          | 3                                   | -              | 63   | 53       | bc         | bc     | bc                                      | 9.0    |
| NORTHERN EUROPE.                     | Wick                                  | 10222        | 58    | SSE            | 4        | bc                          | 10212                    | -1           | 53                        | -1    | SSE            | 4                               | -        | bc          | 4                                   | -              | 56   | 37       | bc         | bc     | bc                                      | 6.7    |
|                                      | Nairn                                 | 10213        | 58    | -              | 0        | bc                          | 10208                    | -1           | 50                        | +2    | -              | 0                               | -        | bc          | 0                                   | -              | 64   | 47       | bc         | bc     | bc                                      | 2.6    |
|                                      | Aberdeen                              | 10251        | 55    | SSE            | 3        | bc                          | 10236                    | -1           | 55                        | 0     | SSE            | 3                               | SW       | bc          | 3                                   | -              | 59   | 54       | bc         | bc     | bc                                      | -      |
|                                      | Leith                                 | 10228        | 60    | ESE            | 2        | c                           | 10231                    | 0            | 51                        | +4    | ESE            | 2                               | -        | bc          | 3                                   | -              | 66   | 47       | bc         | bc     | bc                                      | -      |
|                                      | Tynemouth                             | 10246        | 55    | SE             | 4        | bc                          | 10242                    | -1           | 54                        | 0     | SSE            | 2                               | NW       | bc          | 4                                   | -              | 57   | 49       | bc         | bc     | bc                                      | -      |
|                                      | Spurn Head                            | 10254        | 58    | SE             | 6        | bc                          | 10252                    | -1           | 58                        | +1    | S              | 4                               | -        | bc          | 4                                   | -              | 60   | 53       | bc         | bc     | bc                                      | 6.3    |
|                                      | Yarmouth                              | 10247        | 59    | SE             | 6        | bc                          | 10240                    | +2           | 60                        | +3    | SE             | 5                               | SE       | bc          | 5                                   | -              | 60   | 57       | bc         | bc     | bc                                      | 3.9    |
|                                      | Clacton-on-Sea                        | 10240        | 60    | ESE            | 4        | bc                          | 10241                    | 0            | 59                        | +1    | ESE            | 4                               | E        | bc          | 3                                   | -              | 62   | 57       | bc         | bc     | bc                                      | 9.3    |
|                                      | Nottingham                            | 10235        | 58    | E              | 2        | bc                          | 10233                    | -1           | 48                        | 0     | ANE            | 2                               | S        | bc          | 3                                   | -              | 66   | 45       | bc         | bc     | bc                                      | 8.3    |
|                                      | Bath                                  | 10211        | 65    | ESE            | 1        | c                           | 10217                    | -1           | 53                        | +5    | E              | 1                               | S        | bc          | -                                   | -              | 71   | 47       | bc         | bc     | bc                                      | 5.9    |
| FRANCE, &c.                          | Sth Farnborough                       | 10219        | 59    | E              | 3        | c                           | 10219                    | 0            | 52                        | +5    | E              | 1                               | W        | bc          | -                                   | -              | 69   | 47       | bc         | bc     | bc                                      | 8.0    |
|                                      | London (Kew Obsy.)                    | 10229        | 59    | E              | 3        | bc                          | 10225                    | 0            | 53                        | +2    | E              | 2                               | -        | bc          | -                                   | -              | 67   | 51       | bc         | bc     | bc                                      | 8.4    |
|                                      | Spitsbergen                           | 10132        | 28    | N              | 4        | bc                          | 10143                    | 0            | 21                        | -7    | S              | 2                               | -        | bc          | -                                   | -              | 28   | 21       | bc         | bc     | bc                                      | -      |
|                                      | Vardö                                 | 10071        | 41    | NW             | 7        | bc                          | 10080                    | +4           | 37                        | -4    | WNW            | 7                               | -        | bc          | -                                   | -              | 43   | 36       | bc         | bc     | bc                                      | -      |
|                                      | Bodö                                  | 10275        | 41    | SSE            | 4        | c                           | 10212                    | -3           | 45                        | +4    | SW             | 4                               | -        | bc          | 2                                   | 2              | 43   | 39       | bc         | bc     | bc                                      | -      |
|                                      | Christiansund                         | 10315        | 46    | -              | 0        | c                           | 10290                    | -1           | 50                        | +9    | SW             | 2                               | -        | bc          | 2                                   | -              | 62   | 41       | bc         | bc     | bc                                      | -      |
|                                      | Skudesnaes                            | 10317        | 50    | S              | 5        | c                           | 10326                    | 0            | 50                        | +2    | SE             | 5                               | -        | bc          | 2                                   | -              | 54   | 48       | bc         | bc     | bc                                      | -      |
|                                      | Færder (X'ania Fjord)                 | 10319        | 54    | WSW            | 2        | bc                          | 10319                    | 0            | 48                        | +3    | -              | 2                               | -        | bc          | 2                                   | -              | 54   | 45       | bc         | bc     | bc                                      | -      |
|                                      | The Scaw (Skagen)                     | 10328        | 46    | WNW            | 2        | bc                          | 10331                    | 0            | 48                        | -6    | WSW            | 2                               | -        | bc          | 2                                   | -              | 59   | 39       | bc         | bc     | bc                                      | -      |
|                                      | Blaavands Huk                         | 10332        | 46    | SE             | 1        | bc                          | 10330                    | 0            | 50                        | +14   | SE             | 3                               | -        | bc          | 3                                   | -              | 55   | 34       | bc         | bc     | bc                                      | -      |
| SOUTHERN EUROPE.                     | Haparanda                             | 10212        | 39    | W              | 2        | bc                          | 10191                    | 0            | 37                        | 0     | WNW            | 2                               | -        | bc          | -                                   | -              | 50   | 30       | bc         | bc     | bc                                      | -      |
|                                      | Hernösand                             | 10267        | 46    | W              | 2        | bc                          | 10269                    | 0            | 39                        | -2    | -              | 0                               | -        | bc          | -                                   | -              | 52   | 32       | bc         | bc     | bc                                      | -      |
|                                      | Stockholm                             | 10275        | 43    | -              | 0        | bc                          | 10269                    | 0            | 41                        | +2    | NW             | 2                               | W        | bc          | -                                   | -              | 48   | 37       | bc         | bc     | bc                                      | -      |
|                                      | Wisby                                 | 10304        | 43    | NNW            | 2        | bc                          | 10301                    | 0            | 48                        | +5    | WNW            | 2                               | NW       | bc          | -                                   | -              | 45   | 39       | bc         | bc     | bc                                      | -      |
|                                      | Karlstad                              | 10310        | 46    | -              | 0        | bc                          | 10317                    | 0            | 36                        | 0     | -              | 0                               | -        | bc          | -                                   | -              | 52   | 27       | bc         | bc     | bc                                      | -      |
|                                      | Petrograd (5 a.m. G.M.T.)             | 10278        | 55    | E              | 3        | bc                          | 10278                    | 0            | 52                        | +4    | SE             | 3                               | -        | bc          | 2                                   | -              | 59   | 48       | bc         | bc     | bc                                      | -      |
|                                      | The Helder                            | 10230        | 59    | ESE            | 3        | bc                          | 10235                    | +1           | 53                        | +5    | ESE            | 4                               | -        | bc          | 2                                   | -              | 66   | 48       | bc         | bc     | bc                                      | -      |
|                                      | C. Gris Nez                           | 10197        | 61    | E              | 4        | bc                          | 10212                    | -1           | 55                        | +3    | ESE            | 3                               | -        | bc          | 2                                   | -              | 68   | 48       | bc         | bc     | bc                                      | -      |
|                                      | La Hève                               | 10206        | 66    | NW             | 3        | bc                          | 10216                    | -1           | 57                        | -6    | S              | 2                               | -        | bc          | 2                                   | -              | 79   | 52       | bc         | bc     | bc                                      | -      |
|                                      | Ushant                                | 10208        | 63    | NNE            | 1        | bc                          | 10229                    | +2           | 55                        | -6    | E              | 1                               | -        | bc          | 2                                   | -              | 72   | 54       | bc         | bc     | bc                                      | -      |
| SOUTHERN EUROPE.                     | Brest (St. Mathieu)                   | 10202        | 66    | NW             | 2        | c                           | 10221                    | -1           | 64                        | 0     | SSE            | 1                               | -        | bc          | -                                   | -              | 86   | 61       | bc         | bc     | bc                                      | -      |
|                                      | Rochefort (Ile d'Atx)                 | 10194        | 68    | NNE            | 2        | bc                          | 10203                    | 0            | 66                        | -1    | -              | 0                               | -        | bc          | 2                                   | -              | 77   | 64       | bc         | bc     | bc                                      | -      |
|                                      | Biarritz                              | 10212        | 59    | E              | 1        | bc                          | 10238                    | +3           | 48                        | 0     | NE             | 1                               | W        | bc          | -                                   | -              | 73   | 45       | bc         | bc     | bc                                      | -      |
|                                      | Paris                                 | 10243        | 55    | E              | 4        | c                           | 10277                    | -1           | 46                        | -1    | E              | 2                               | -        | bc          | -                                   | -              | 64   | 42       | bc         | bc     | bc                                      | -      |
|                                      | Belfort                               | 10216        | 64    | -              | 0        | c                           | 10246                    | +2           | 66                        | +1    | -              | 0                               | -        | bc          | 0                                   | -              | 73   | 57       | bc         | bc     | bc                                      | -      |
|                                      | Lyons                                 | 10204        | 66    | E              | 1        | bc                          | 10239                    | +2           | 68                        | +5    | -              | 0                               | SE       | bc          | -                                   | -              | 79   | 63       | bc         | bc     | bc                                      | -      |
|                                      | Nice                                  | 10200        | 66    | N              | 3        | bc                          | 10220                    | +2           | 66                        | +5    | SW             | 1                               | -        | bc          | 2                                   | -              | 68   | 61       | bc         | bc     | bc                                      | -      |
|                                      | Perpignan                             | 10163        | 77    | W              | 1        | bc                          | 10227                    | +2           | 66                        | +2    | NE             | 1                               | -        | bc          | -                                   | -              | 79   | 61       | bc         | bc     | bc                                      | -      |
|                                      | Sanguinaire                           | 10176        | 77    | WNW            | 3        | bc                          | 10207                    | 0            | 64                        | -6    | N              | 2                               | N        | bc          | 2                                   | -              | 81   | 64       | bc         | bc     | bc                                      | -      |
|                                      | Gibraltar                             | 10193        | 71    | E              | 3        | bc                          | 10206                    | -1           | 71                        | +3    | E              | 4                               | -        | bc          | 2                                   | -              | 78   | 68       | bc         | bc     | bc                                      | -      |
| SOUTHERN EUROPE.                     | Rome                                  | 10224        | 72    | W              | 2        | bc                          | 10224                    | +3           | 72                        | +2    | WNW            | 1                               | -        | bc          | 0                                   | -              | 77   | 70       | bc         | bc     | bc                                      | -      |
|                                      | Malta (8 a.m.)                        | 10147        | 75    | N              | 2        | bc                          | 10162                    | 0            | 68                        | -2    | SW             | 4                               | -        | bc          | 3                                   | 6              | 78   | 66       | bc         | bc     | bc                                      | -      |
|                                      | Azores (Horta, 8 a.m.)                | 10198        | 75    | N              | 2        | bc                          | 10229                    | +2           | 66                        | 0     | N              | 2                               | -        | bc          | 2                                   | -              | 77   | 66       | bc         | bc     | bc                                      | -      |
|                                      | Madeira (Funchal)                     | 10198        | 75    | N              | 2        | bc                          | 10229                    | +2           | 66                        | 0     | N              | 2                               | -        | bc          | 2                                   | -              | 77   | 66       | bc         | bc     | bc                                      | -      |
|                                      | South Farnborough                     |              |       |                |          |                             |                          |              |                           |       |                |                                 |          |             |                                     |                |      |          |            |        |   |        |
| Pilot Balloon Ascent at about 7 a.m. |                                       |              |       |                |          |                             |                          |              |                           |       |                |                                 |          |             |                                     |                |      |          |            |        |   |        |
| 1500 metres. SW. 15 miles per hour.  |                                       |              |       |                |          |                             |                          |              |                           |       |                |                                 |          |             |                                     |                |      |          |            |        |   |        |
| 500 metres. SSE. 20 miles per hour.  |                                       |              |       |                |          |                             |                          |              |                           |       |                |                                 |          |             |                                     |                |      |          |            |        |   |        |

## RAINFALL.

Equivalents of Millimetres.  
in Inches.

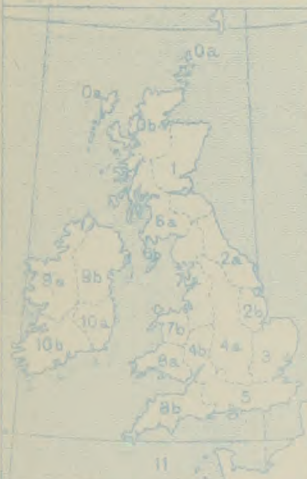
| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.61    |
| 17  | 0.67    | 42  | 1.65    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |





### FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Coast.               | South Coast.                  |
| North Coast.               | North Coast.                  |

No Warnings Issued.

Western Channel and Bay 11

0 } Light or moderate Southerly and South-Easterly winds;  
1 } fair generally, but misty in places; normal temperature.

2 }  
3 }  
4 } Light Easterly winds and fine weather, followed  
5 } by variable airs and less settled weather, probably local  
6 } showers; air becoming rather close.

7 } Light to moderate Southerly and South-Easterly winds;  
8 } fair at first, some showers later; normal temperature.

9 } Moderate to fresh Southerly and South-Easterly winds;  
10 } changeable, some rain; normal temperature.

11 } Light winds from between South-East and South-West;  
with a slight sea; changeable, some showers; normal temperature.

#### FURTHER OUTLOOK.







## DAILY WEATHER REPORT.

Wednesday, 22<sup>nd</sup> September, 1915.REPORTS  
FOR  
YESTERDAY.21<sup>st</sup> September

| STATIONS. | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |                      |                                   |        |                |                                 |          |             |      | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |  |
|-----------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|---------------------------------|----------|-------------|------|-------------------------------------|-------|--|
|           | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.                |                                   | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-8. | Max. |                                     | Min.  |  |
|           |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb.<br>° F. | Change<br>in 24<br>hours.<br>° F. | Direc. | Force<br>0-12. |                                 |          |             |      |                                     |       |  |
| Petrograd | 1011.0                                | 41    | NW     | 3              | 0        | 1016.6                         | +3                       | 39                   | -2                                | NW     | 3              | -                               | 0        | *           | 1    | 43                                  | 39    |  |
| Rome      | 1018.1                                | 68    | SW     | 1              | bc.      | 1020.3                         | +2                       | 63                   | -                                 | N      | 1              | -                               | 0        | *           | 1    | 77                                  | 61    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm.† | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm.† | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|---------------------|-------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|-------------------|--------------|------|-----------|------------|--------------------------------------|
|                     |                   | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                   | Max.         | Min. | Forenoon. | Afternoon. |                                      |
| Scotland.           |                   | ° F.         | ° F. |           |            |                                      | (Tunbridge Wells ...  |                   | ° F.         | ° F. |           |            |                                      |
| Oban ...            | —                 | 60           | 51   | q         | c          | 0.1                                  | Margate ...           | —                 | 67           | 47   | bg c      | bc b       | 9.3                                  |
| Banff ...           | —                 | 59           | 51   | c. bc     | bc         | 1.2                                  | Ramsgate ...          | —                 | 63           | 54   | bc b      | b          | 8.5                                  |
| Carnoustie ...      | —                 | 59           | 51   | b         | b          | 5.2                                  | Hastings ...          | —                 | 61           | 53   | bc        | bc         | 6.4                                  |
| St. Andrews ...     | —                 | 61           | 44   | *         | *          | 6.2                                  | Bexhill-on-Sea ...    | —                 | 65           | 52   | b         | bc b       | 9.1                                  |
| Eng. N.E.           |                   |              |      |           |            |                                      | Eastbourne ...        | —                 | 64           | 54   | b         | b. bc b    | 8.6                                  |
| Harrogate ...       | —                 | 62           | 43   | bc b      | bc. b. bc  | 6.9                                  | Seaford ...           | —                 | 68           | 48   | b         | b          | 8.9                                  |
| Skegness ...        | —                 | 63           | 56   | m. bc     | bc         | 9.5                                  | Brighton ...          | —                 | 41           | 53   | c. bc     | bc         | 10.0                                 |
| Eng. N.W.           |                   |              |      |           |            |                                      | Worthing ...          | —                 | 69           | 50   | b         | bc         | 9.8                                  |
| Morecambe ...       | —                 | 67           | 50   | bc. b     | bc         | 6.4                                  | Littlehampton ...     | —                 | —            | —    | —         | —          | —                                    |
| Blackpool ...       | —                 | 67           | 47   | bc c      | c. bc      | 3.8                                  | Bognor ...            | —                 | 65           | 52   | b         | b          | 8.4                                  |
| Southport ...       | —                 | 67           | 48   | c. bc     | bc o       | 7.7                                  | Southsea ...          | —                 | 70           | 51   | b         | b          | 9.5                                  |
| Midlands.           |                   |              |      |           |            |                                      | Bournemouth ...       | —                 | 66           | 45   | bc        | bc c       | 7.8                                  |
| Buxton ...          | —                 | 62           | 44   | bc        | b          | 7.2                                  | Weymouth ...          | —                 | 66           | 51   | bc        | bc o       | 6.2                                  |
| Leamington Spa ...  | —                 | 69           | 46   | bc        | bc         | 7.3                                  | Torquay ...           | 0.4               | 65           | 59   | bc        | bc c o     | 5.4                                  |
| Malvern ...         | —                 | 69           | 44   | bc        | bc         | 7.6                                  | Paignton ...          | —                 | 65           | 60   | bc        | c          | 3.5                                  |
| Ross-on-Wye ...     | —                 | 69           | 39   | bc        | b. bc      | 6.6                                  | Falmouth ...          | —                 | 64           | 59   | bc o      | o. c o     | 1.6                                  |
| Wales.              |                   |              |      |           |            |                                      | Penzance ...          | —                 | 67           | 60   | bc c      | c          | 6.3                                  |
| Rhyl ...            | —                 | 67           | 50   | b         | bc. bc o   | 4.7                                  | Newquay ...           | —                 | 67           | 58   | b         | bc         | 5.0                                  |
| Colwyn Bay ...      | —                 | 68           | 54   | bc        | bc o       | 3.8                                  | Ilfracombe ...        | 3                 | 66           | 57   | bc c      | bc c       | 1.9                                  |
| Llandudno ...       | —                 | 69           | 55   | bc        | bc o       | 4.0                                  | Weston-super-Mare ... | —                 | 70           | 46   | bc. b     | b. bc      | 6.0                                  |
| Aberystwyth ...     | —                 | 64           | 56   | bc        | bc. bc     | 3.1                                  |                       |                   |              |      |           |            |                                      |
| Tenby ...           | 0.3               | 64           | 56   | bc        | bc. bc     | 3.1                                  |                       |                   |              |      |           |            |                                      |
| England, E.         |                   |              |      |           |            |                                      |                       |                   |              |      |           |            |                                      |
| Cromer ...          | —                 | 61           | 53   | c         | c          | 9.7                                  |                       |                   |              |      |           |            |                                      |
| Lowestoft ...       | —                 | 60           | 55   | bc        | bc         | 9.6                                  |                       |                   |              |      |           |            |                                      |
| Felixstowe ...      | —                 | 61           | 57   | bc        | bc         | 8.1                                  |                       |                   |              |      |           |            |                                      |
| Walton-on-Naze ...  | —                 | 61           | 56   | bc        | bc         | 7.8                                  |                       |                   |              |      |           |            |                                      |
| Southend-on-Sea ... | —                 | 65           | 51   | bc. b     | b. bc      | 8.4                                  |                       |                   |              |      |           |            |                                      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |            |                   | Rain-<br>fall. | WEATHER.       |                 |        |
|--|---------------------------|-----------------------|---|--|------------|-------------------|----------------|----------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |            | Min. on<br>Grass. |                | Fore-<br>noon. | After-<br>noon. | Night. |
|  |                           |                       |   | Max.   | Min.       |                   |                |                |                 |        |
|  |                           |                       |   |  |            |                   |                |                |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |  |            |                   |                |                |                 |        |
| Greenwich (Royal Obs.) ...   | %<br>31                   | %<br>63               | Hr.<br>7.7                              | ° F<br>67  | ° F.<br>48 | ° F.<br>36        | mm.‡<br>8.0    | 8.0            | c. 8c           | 8.8c   |
| City (Bunhill Row) ...   | %<br>*                    | %<br>*                | 8.6                                     | %<br>*   | %<br>*     | %<br>*            | %<br>*         | %<br>*         | %<br>*          | %<br>* |
| Westminster (St. James's Pk.)  | 51                        | 72                    | 8.5                                     | 67   | 53         | 48                | -              | 8              | 8.60mm          | 8      |
| Camden Sq. (Brit. Rainfall)  | 42                        | 76                    | 7.9                                     | 70   | 49         | 44                | -              | 8              | 8               | %      |
| Hampstead (Reservoir) ...  | %<br>*                    | %<br>72               | 7.9                                     | 64   | 49         | 38                | -              | 8c             | 8c              | 8.0mm  |
| Richmond Park  | %<br>*                    | %<br>*                | 8.9                                     |  |            |                   |                |                |                 |        |
| Kew. (See front page.)   |                           |                       |   | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |            |                   |                |                |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   | Total.   |            | Average Rate.     |                | Max. Rate.     |                 |        |
| S. Kensington (Roof of M.O.)   | 43                        | 64                    | 8.3                                     | 1121 Joules  |            | 254 Milliwatts.   |                | 56 Milliwatts. |                 |        |

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

| 22 <sup>nd</sup> Sept. 1915. | Sunrise. | Noon.  | Sunset. |
|------------------------------|----------|--------|---------|
|                              | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                 | 5.40     | 11.46  | 5.52    |
| Greenwich ...                | 5.41     | 11.45  | 5.49    |
| Wick ...                     | 5.47     | 11.53  | 5.59    |
| Valencia ...                 | 5.57     | 12.04  | 6.12    |
|                              | 6.28     | 12.34  | 6.40    |
|                              | 6.39     | 12.43  | 6.57    |

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° in most parts of England and the south of Ireland, and reached 73° at Jersey. Showers were experienced at several of our western and southern stations, thunder occurred at Ilfracombe, and lightning at Portland Bill.

NOTE—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 266.

Thursday  
22<sup>nd</sup> September 1915.

| STATIONS.          | YESTERDAY EVENING.                    |                 |        |                |          | THIS MORNING 7 A.M., G.M.T.               |                          |              |                           |        |                |                                 |          |             |                                     | PAST 24 HOURS. |      |          |            |          | Sun-<br>shine<br>for<br>Yester-<br>day. |        |
|--------------------|---------------------------------------|-----------------|--------|----------------|----------|---|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|------|----------|------------|----------|---|--------|
|                    | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F.    | WIND.  |                | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |      | WEATHER. |            |          |   |        |
|                    |                                       |                 | Direc. | Force<br>0-12. |          |   |                          | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.           | Min. | Morning. | Afternoon. | Night.   |   |        |
| BRITISH ISLANDS.   | Lerwick                               | 1021.6          | 54     | SSE            | 4        | bc  | 1016.2                   | -1           | 53                        | 0      | S              | 5                               | -        | omg         | 4                                   | -              | 56   | 52       | bc         | bc       | om                                      | Hours. |
|                    | Deerness                              | 1018.6          | 54     | SSE            | 5        | omr                                       | 1012.8                   | -            | 52                        | -1     | SSE            | 4                               | -        | fc          | 4                                   | -              | 56   | 52       | a.c.-bc    | bc.c of  | f.c. bc of                              | 4.1    |
|                    | Stornoway                             | 1016.6          | 58     | -              | 0        | of  | 1008.7                   | -6           | 56                        | +3     | SE             | 3                               | -        | 0           | 3                                   | 1              | 60   | 53       | bc.c       | c. oz    | opg                                     | 1.8    |
|                    | Castlebay (Barra Isd.)                | 1015.4          | 57     | ESE            | 5        | ofm                                       | 1006.3                   | -6           | 57                        | 0      | ESE            | 5                               | -        | omr         | 5                                   | 1              | 58   | 56       | omr        | omr      | op. omr                                 | 0.0    |
|                    | Glasgow                               | 1019.3          | 58     | SE             | 1        | 0   | 1011.4                   | -4           | 52                        | +4     | E              | 3                               | 5        | 0           | -                                   | 60             | 47   | c. oz    | c. oz      | c. bc om | 1.1                                     |        |
|                    | Eskdalemuir                           | 1020.1          | 58     | SSW            | 1        | 0   | 1012.5                   | -3           | 51                        | +4     | N              | 1                               | -        | om          | -                                   | 62             | 43   | bc bc    | c. oz      | c. om    | 4.8                                     |        |
|                    | Malin Head                            | 1014.0          | 60     | S              | 4        | omr                                       | 1003.4                   | -10          | 58                        | +1     | S              | 8                               | -        | omg         | 9                                   | 2              | 63   | 56       | cgm        | cgm      | omr                                     | 0.0    |
|                    | Blacksod Point                        | 1012.0          | 58     | ESE            | 3        | ofd                                       | 1000.8                   | -3           | 57                        | 0      | WNW            | 5                               | NW       | om          | 4                                   | 33             | 63   | 54       | bc         | omd      | omr                                     | 0.0    |
|                    | Valencia                              | 1011.0          | 62     | SSE            | 5        | om  | 1005.3                   | +5           | 57                        | -2     | WSW            | 2                               | S        | bc          | 4                                   | 52             | 63   | 58       | omr        | omr      | bc. c                                   | 0.0    |
|                    | Roche's Point                         | 1017.7          | 62     | S              | 3        | 0   | 1005.6                   | -            | 59                        | +3     | SW             | 3                               | -        | 0           | 6                                   | 17             | 64   | 59       | omr        | omr      | omr. o                                  | 0.0    |
|                    | Birr Castle                           | 1015.3          | 63     | S              | 2        | c   | 1001.6                   | -            | 61                        | +3     | S              | 2                               | -        | 0           | -                                   | 5              | 67   | 58       | cp         | cp       | c. o                                    | 0.1    |
|                    | Donaghadee                            | 1017.1          | 59     | S              | 4        | omg                                       | 1007.9                   | -8           | 57                        | +2     | S              | 4                               | -        | of          | 3                                   | 1              | 60   | 55       | om         | omr      | omr                                     | 0.0    |
|                    | Liverpool (Bidston)                   | 1019.6          | 61     | SE             | 1        | bc  | 1011.7                   | -6           | 57                        | +6     | ESE            | 3                               | E        | c           | 2                                   | -              | 65   | 51       | om         | bc       | c                                       | 4.1    |
|                    | Holyhead                              | 1019.1          | 62     | SSE            | 3        | omg                                       | 1008.3                   | -6           | 61                        | +3     | SSE            | 5                               | -        | ofgg        | 4                                   | trace          | 66   | 58       | c. bc      | bc. c    | c. o                                    | 2.3    |
|                    | Pembroke (St. Ann's)                  | 1019.8          | 60     | SSW            | 3        | 0   | 1009.5                   | -5           | 60                        | +1     | SSE            | 7                               | S        | ofr         | 6                                   | 5              | 62   | 58       | c          | 0        | 0                                       | 0.3    |
|                    | Scilly (St. Mary's)                   | 1018.6          | 61     | SE             | 3        | omr                                       | 1008.4                   | -2           | 62                        | +3     | S              | 5                               | S        | omd         | 5                                   | 2              | 65   | 58       | om. o      | om       | omr. o                                  | 2.2    |
|                    | Falmouth                              | 1020.0          | 58     | SSE            | 1        | of  | 1011.1                   | -3           | 61                        | +5     | S              | 2                               | -        | od          | 4                                   | 1              | 61   | 56       | om. of     | of       | of. od                                  | 0.0    |
|                    | Jersey (St. Aubin)                    | 1021.5          | 62     | ENE            | 2        | 0   | 1015.7                   | -            | 64                        | +4     | SSW            | 2                               | -        | c           | 2                                   | -              | 69   | 58       | om. b      | bc       | bc. c                                   | 5.5    |
|                    | Portland Bill                         | 1021.1          | 59     | WSW            | 3        | bc  | 1014.3                   | -4           | 62                        | +4     | S              | 3                               | S        | 0           | 2                                   | 0.4            | 66   | 56       | bc         | bc. c    | cp                                      | 0.0    |
|                    | Dungeness                             | 1021.5          | 62     | ENE            | 1        | bc  | 1016.9                   | -2           | 61                        | +3     | S              | 3                               | SW       | 0           | 3                                   | -              | 64   | 57       | bc         | bc       | bc. c                                   | 0.0    |
|                    | Dover                                 | 1022.1          | 62     | SE             | 2        | bc  | 1017.4                   | -2           | 64                        | +8     | SE             | 1                               | -        | c           | 2                                   | -              | 66   | 57       | bc         | bc       | bc. c                                   | 8.9    |
| Wick               | 1018.5                                | 55              | SSE    | 3              | m        | 1012.5                                    | -2                       | 53           | 0                         | SSE    | 3              | -                               | m        | 3           | trace                               | 57             | 52   | bc m     | bc m om    | c. bc m  | 0.0                                     |        |
| Nairn              | 1017.4                                | 59              | -      | 0              | omg      | 1011.3                                    | -                        | 50           | 0                         | S      | 1              | -                               | bc m     | 1           | -                                   | 64             | 47   | om       | omg        | om. m    | 0.9                                     |        |
| Aberdeen           | 1020.7                                | 56              | S      | 2              | 0        | 1014.0                                    | -2                       | 55           | 0                         | SSE    | 3              | -                               | om       | 3           | -                                   | 60             | 54   | bc       | c. o       | om       | 4.5                                     |        |
| Leith              | 1018.9                                | 59              | ESE    | 1              | 0        | 1011.9                                    | -4                       | 54           | +3                        | ENE    | 2              | -                               | om       | -           | -                                   | 61             | 47   | c        | c. o       | c        | 0.0                                     |        |
| Tynemouth          | 1020.8                                | 57              | SE     | 2              | om       | 1014.1                                    | -4                       | 52           | -2                        | S      | 1              | S                               | cf       | 2           | -                                   | 58             | 50   | om       | om         | cf       | 0.0                                     |        |
| Spurn Head         | 1021.5                                | 59              | S      | 4              | 0        | 1015.9                                    | -3                       | 59           | +1                        | S      | 4              | -                               | om       | 4           | -                                   | 64             | 57   | bc       | c. o       | bc       | 5.5                                     |        |
| Yarmouth           | 1022.2                                | 59              | SSE    | 4              | bc       | 1019.3                                    | -2                       | 61           | +1                        | SSW    | 2              | NW                              | bc       | 2           | -                                   | 61             | 59   | bc       | bc         | bc       | 5.8                                     |        |
| Clacton-on-Sea     | 1021.9                                | 61              | ESE    | 2              | c        | 1017.3                                    | -2                       | 62           | +3                        | SSE    | 2              | S                               | c        | 2           | 0.1                                 | 63             | 58   | bc       | bc. c      | cp       | 7.6                                     |        |
| Nottingham         | 1020.1                                | 62              | S      | 1              | c        | 1014.9                                    | -                        | 56           | +8                        | SE     | 1              | S                               | om       | -           | -                                   | 70             | 48   | bc       | c. o       | c. o     | 5.6                                     |        |
| Bath               | 1020.2                                | 64              | N      | -              | 0        | 1014.1                                    | -                        | 60           | +7                        | SE     | -              | S                               | 0        | -           | 0.1                                 | 71             | 52   | bc. c    | bc. c      | 0.0      | 3.8                                     |        |
| Sth Farnborough    | 1020.4                                | 64              | SE     | 3              | 0        | 1014.9                                    | -5                       | 58           | +6                        | SE     | 1              | S                               | 0        | -           | 0.1                                 | 73             | 51   | bc. c    | bc. c      | op. o    | 3.5                                     |        |
| London (Kew Obsy.) | 1020.6                                | 65              | SSE    | 2              | c        | 1015.3                                    | -3                       | 60           | +7                        | E      | 1              | -                               | om       | -           | -                                   | 72             | 53   | bc. om   | c          | c. om    | 4.4                                     |        |
| NORTHERN EUROPE.   | Spitsbergen                           | 1006.3          | 27     | SSE            | 2        | f   | 995.5                    | -4           | 25                        | +4     | NNE            | 8                               | -        | s           | -                                   | 27             | 21   | -        | -          | -        | -                                       |        |
|                    | Vardö                                 | 1012.2          | 36     | NW             | 7        | 0   | 1003.1                   | -5           | 37                        | 0      | SW             | 4                               | -        | 0           | 3                                   | -              | 37   | 34       | -          | -        | -                                       | -      |
|                    | Bodö                                  | 1018.3          | 48     | SW             | 5        | bc  | 1009.6                   | -3           | 48                        | +3     | SW             | 6                               | -        | bc          | 4                                   | 26             | 48   | 39       | -          | -        | -                                       | -      |
|                    | Christiansund                         | 1012.7          | 50     | -              | 0        | c   | 1021.7                   | -2           | 48                        | -2     | -              | 0                               | -        | c           | 1                                   | -              | 55   | 45       | -          | -        | -                                       | -      |
|                    | Skudesnaes                            | 1026.9          | 52     | SE             | 6        | bc  | 1021.7                   | -1           | 50                        | 0      | SE             | 6                               | -        | bc          | 2                                   | -              | 57   | 48       | -          | -        | -                                       | -      |
|                    | Færder (X'iania Fjord)                | 1027.8          | 54     | WSW            | 6        | bc  | 1024.7                   | -2           | 52                        | +4     | WSW            | 1                               | W        | c           | 2                                   | -              | 55   | 48       | -          | -        | -                                       | -      |
|                    | The Scaw (Skagen)                     | 1030.0          | 52     | -              | 0        | bc  | 1025.2                   | -3           | 54                        | +6     | S              | 2                               | -        | bc          | 2                                   | -              | 61   | 45       | -          | -        | -                                       | -      |
|                    | Blaavands Huk                         | 1029.0          | 54     | SE             | 2        | bc  | 1023.9                   | -1           | 60                        | 0      | SSE            | 3                               | -        | bc          | 3                                   | -              | 55   | 39       | -          | -        | -                                       | -      |
|                    | Haparanda                             | 1017.6          | 41     | N              | 2        | bc  | 1009.6                   | -6           | 45                        | +4     | SW             | 2                               | -        | 0           | -                                   | trace          | 50   | 34       | -          | -        | -                                       | -      |
|                    | Hernösand                             | 1023.9          | 50     | NW             | 2        | c   | 1019.7                   | -1           | 50                        | +11    | -              | 0                               | -        | c           | -                                   | -              | 52   | 41       | -          | -        | -                                       | -      |
|                    | Stockholm                             | 1026.6          | 48     | N              | 2        | c   | 1024.2                   | -2           | 45                        | +4     | NW             | 2                               | -        | bc          | -                                   | -              | 54   | 39       | -          | -        | -                                       | -      |
|                    | Wisby                                 | 1028.8          | 50     | WSW            | 2        | c   | 1026.4                   | 0            | 48                        | 0      | WSW            | 2                               | NW       | bc          | -                                   | -              | 52   | 46       | -          | -        | -                                       | -      |
| FRANCE, &c.        | Karlstad                              | 1028.2          | 50     | SW             | 2        | bc  | 1025.3                   | -3           | 39                        | +3     | -              | 0                               | -        | bc          | -                                   | -              | 57   | 34       | -          | -        | -                                       | -      |
|                    | Petrograd                             | (5 a.m. G.M.T.) | -      | -              | -        | -   | -                        | -            | -                         | -      | -              | -                               | -        | -           | -                                   | -              | -    | -        | -          | -        | -                                       | -      |
|                    | The Helder                            | 1024.3          | 37     | SE             | 2        | bc  | 1020.7                   | 0            | 50                        | -2     | SSE            | 2                               | -        | c           | 1                                   | -              | 63   | 48       | -          | -        | -                                       | -      |
|                    | C. Gris Nez                           | 1021.3          | 63     | SE             | 1        | bc  | 1017.5                   | -3           | 67                        | +14    | SSE            | 3                               | -        | c           | 2                                   | -              | 70   | 58       | -          | -        | -                                       | -      |
|                    | La Hève                               | 1022.6          | 61     | E              | 3        | c   | 1015.9                   | -            | 64                        | +9     | SSE            | 3                               | -        | 0           | 4                                   | -              | 73   | 52       | -          | -        | -                                       | -      |
|                    | Ushant                                | 1020.8          | 63     | S              | 3        | 0   | 1013.5                   | -            | 63                        | +6     | SSW            | 5                               | -        | 0           | 3                                   | -              | 68   | 50       | -          | -        | -                                       | -      |
|                    | Brest (St. Mathieu)                   | 1021.1          | 68     | E              | 1        | 0   | 1013.3                   | -2           | 63                        | +8     | W              | 4                               | -        | 0           | 4                                   | -              | 75   | 55       | -          | -        | -                                       | -      |
|                    | Rochefort (Ile d'Aix)                 | 1020.4          | 68     | NW             | 1        | bc  | 1018.1                   | 0            | 65                        | +1     | SE             | 3                               | -        | c           | -                                   | -              | 75   | 63       | -          | -        | -                                       | -      |
|                    | Biarritz                              | 1018.6          | 71     | NE             | 2        | 0   | 1017.5                   | 0            | 66                        | 0      | -              | 0                               | -        | c           | 2                                   | -              | 82   | 64       | -          | -        | -                                       | -      |
|                    | Paris                                 | 1022.1          | 64     | ESE            | 2        | bc  | 1019.9                   | 0            | 59                        | +11    | SE             | 2                               | -        | 0           | -                                   | -              | 77   | 48       | -          | -        | -                                       | -      |
|                    | Belfort                               | 1025.9          | 57     | ENE            | 3        | bc  | 1023.6                   | -            | 51                        | +5     | -              | 0                               | -        | c           | -                                   | -              | 67   | 48       | -          | -        | -                                       | -      |
|                    | Lyons                                 | 1022.4          | 71     | -              | 0        | bc  | 1023.7                   | -            | 60                        | -      | S              | 2                               | -        | bc          | -                                   | -              | 83   | 58       | -          | -        | -                                       | -      |
| SOUTHERN EUROPE.   | Nice                                  | 1024.7          | 64     | -              | 0        | c   | 1025.0                   | +1           | 62                        | -4     | -              | 0                               | -        | c           | 2                                   | -              | 75   | 59       | -          | -        | -                                       | -      |
|                    | Perpignan                             | 1023.5          | 66     | E              | 1        | bc  | 1023.8                   | +1           | 63                        | -5     | E              | 1                               | SE       | bc          | -                                   | -              | 75   | 57       | -          | -        | -                                       | -      |
|                    | Sanguinaire                           | -               | 76     | E              | 2        | m   | -                        | -            | 71                        | -      | E              | 2                               | -        | 0           | 3                                   | -              | 86   | 64       | -          | -        | -                                       | -      |
|                    | Corunna (7 a.m.)                      | 1021.6          | 68     | N              | 3        | 0   | 1018.6                   | +1           | 64                        | -2     | SE             | 5                               | -        | 0           | 3                                   | -              | 70   | 63       | -          | -        | -                                       | -      |
|                    | Madrid (8 a.m.)                       | 1018.6          | 81     | -              | 0        | bc  | 1021.9                   | +1           | 66                        | 0      | E              | 1                               | -        | bc          | -                                   | -              | 84   | 63       | -          | -        | -                                       | -      |
|                    | Lisbon (9 a.m.)                       | 1019.4          | 77     | NW             | 4        | bc  | 1019.7                   | 0            | 66                        | +2     | NW             | 1                               | NW       | bc          | 5                                   | -              | 84   | 64       | -          | -        | -                                       | -      |
|                    | Gibraltar                             | 1021.0          | 72     | E              | 5        | 0   | 1020.0                   | -            | 71                        | 0      | E              | 6                               | -        | m           | 3                                   | -              | 75   | 70       | -          | -        | -                                       | -      |
|                    | Rome                                  | -               | -      | -              | -        | -   | -                        | -            | -                         | -      | -              | -                               | -        | -           | -                                   | -              | -    | -        | -          | -        | -                                       | -      |
|                    | Malta (8 a.m.)                        | -               | -      | -              | -        | -   | -                        | -            | -                         | -      | -              | -                               | -        | -           | -                                   | -              | -    | -        | -          | -        | -                                       | -      |
|                    | Azores (Horta, 8 a.m.)                | 1017.9          | -      | SW             | 5        | m   | 1024.4                   | +1           | 62                        | -6     | NNW            | 1                               | -        | bc          | 2                                   | 3              | 72   | 61       | -          | -        | -                                       | -      |
|                    | Madeira (Funchal)                     | 1022.0          | 73     | N              | 2        | 0   | 1022.1                   | 0            | 66                        | 0      | N              | 2                               | -        | bc          | 2                                   | -              | 75   | 66       | -          | -        | -                                       | -      |

South Farnborough

Pilot Balloon Ascent at about 7 a.m.

1800 metres. SSW. 35 miles per hour.

500 metres. S. 30 miles per hour.

| RAINFALL.                              |         |     |         |
|--|---------|-----|---------|
| Equivalents of Millimetres. in Inches. |         |     |         |
| mm.                                    | Inches. | mm. | Inches. |
| 1                                      | 0.04    | 26  | 1.02    |
| 2                                      | 0.08    | 27  | 1.06    |
| 3                                      | 0.12    | 23  | 1.10    |
| 4                                      | 0.16    | 29  | 1.14    |
| 5                                      | 0.20    | 30  | 1.18    |
| 6                                      | 0.24    | 31  | 1.22    |
| 7                                      | 0.28    | 32  | 1.26    |
| 8                                      | 0.32    | 33  | 1.30    |
| 9                                      | 0.35    | 34  | 1.34    |
| 10                                     | 0.39    | 3   |         |

RAINFALL.  
Equivalents of Millimetres.  
in Inches.

| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.54    |
| 15  | 0.59    | 40  | 1.58    |
| 16  | 0.63    | 41  | 1.62    |
| 17  | 0.67    | 42  | 1.66    |
| 18  | 0.71    | 43  | 1.69    |
| 19  | 0.75    | 44  | 1.73    |
| 20  | 0.79    | 45  | 1.77    |
| 21  | 0.83    | 46  | 1.81    |
| 22  | 0.87    | 47  | 1.85    |
| 23  | 0.91    | 48  | 1.89    |
| 24  | 0.95    | 49  | 1.93    |
| 25  | 0.98    | 50  | 1.97    |

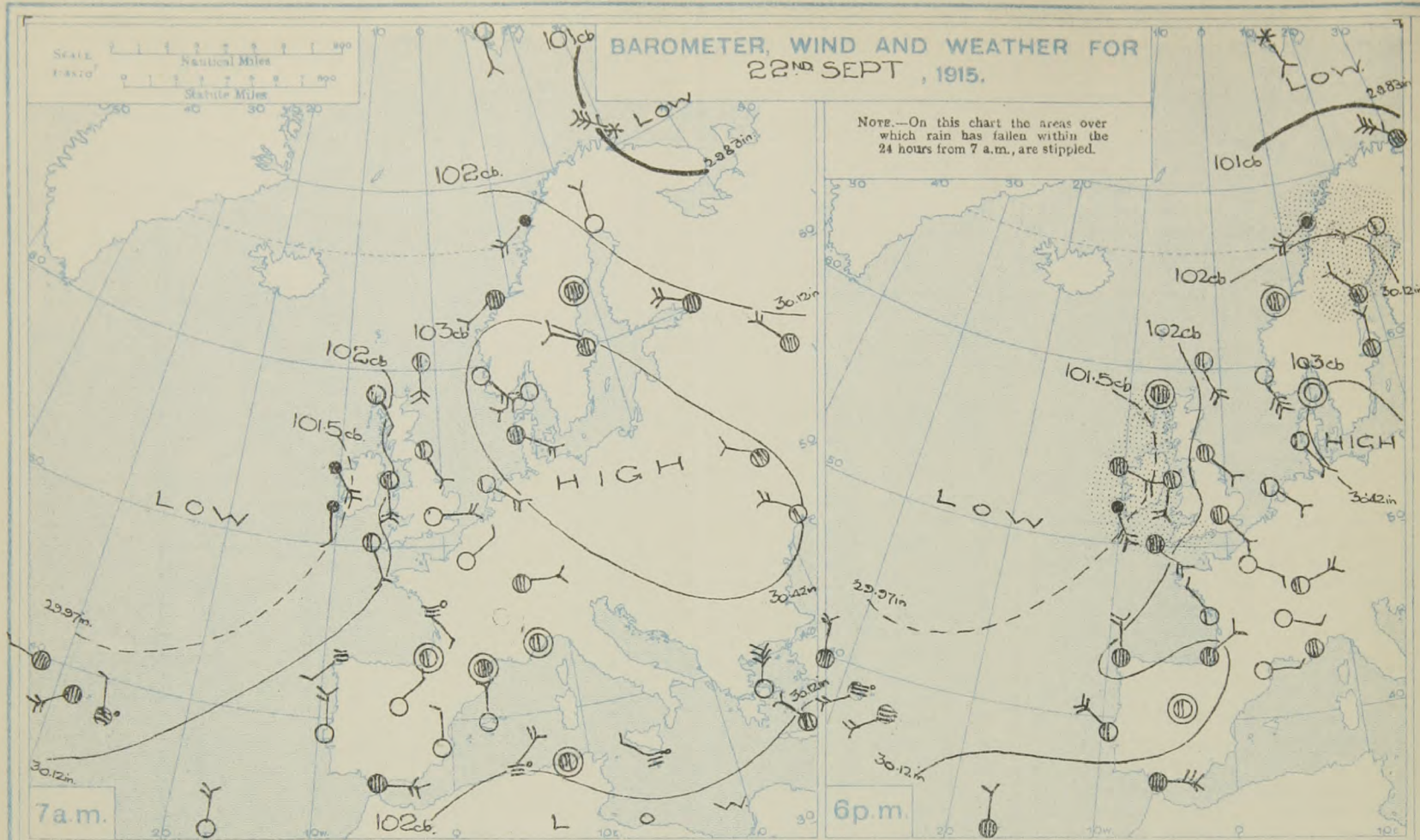
South Farnborough

Pilot Balloon Ascent at about 7 a.m.

1800 metres. SSW. 35 miles per hour.

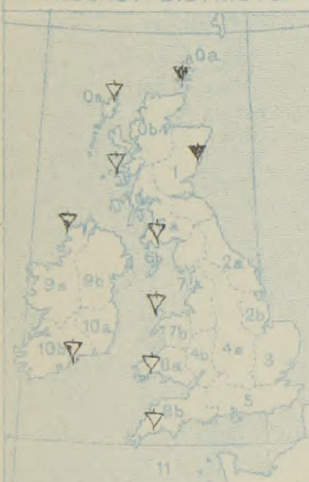
500 metres. S. 30 miles per hour.





**FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

South Cones hoisted at

7 p.m. yesterday, 7 8.30 a.m. today

Western Channel and Bay 11

0 { a } Strong South-Easterly to Southerly winds, a gale in places; dull, some rain, misty in places; moderate temperature.  
b }

1 { a } Freshening Southerly and South-Easterly winds; cloudy, occasional rain, misty in places; becoming warmer.  
b }

2 { a } Moderate or fresh South-Easterly to South-Westerly winds; cloudy generally, some showers; rather high temperature.  
b }

3 { a } Strong South-Easterly to South-Westerly winds, moderating later; - changeable, some rain; normal temperature.  
b }

4 { a } Fresh Southerly to South-Westerly winds; changeable, showery; rather high temperature.  
b }

5 { a } South-Westerly and Westerly winds, strong in places; changeable, showery; moderate temperature.  
b }

6 { a } Fresh or strong Southerly winds, and a rather rough sea; changeable, showery; moderate temperature.  
b }

**FURTHER OUTLOOK.**

R. G. K. LEMPFFERT, Superintendent, Forecast Division.

W. NAPIER SHAW, Director

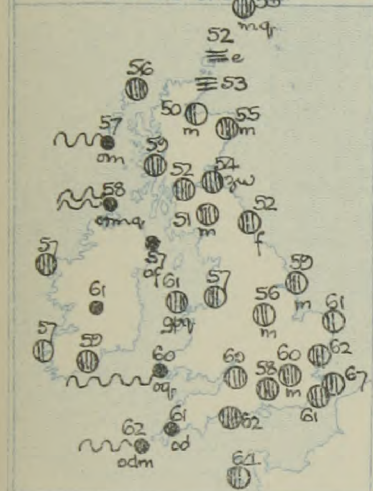


# SYNOPTIC CHART FOR 7 a.m., THURSDAY, 23<sup>RD</sup> SEPTEMBER, 1915.

## GENERAL INFERENCE.

The Atlantic depression will continue to move northwards, but will at the same time spread laterally eastwards, and occasion freshening Southerly winds and showery weather in all our more eastern districts

### TEMPERATURE, WEATHER AND SEA DISTURBANCE



### 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.**—Shows by the following symbols:—

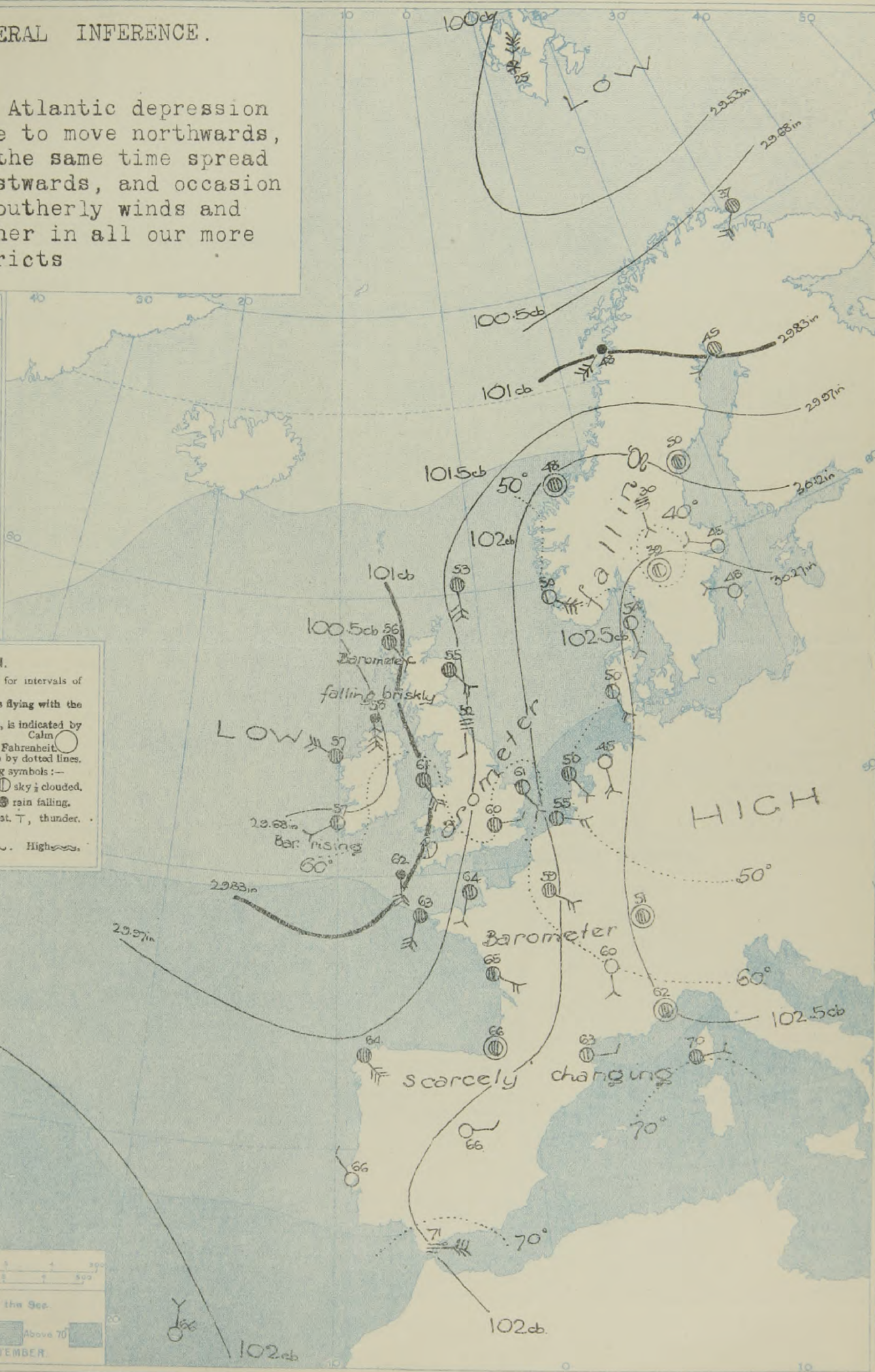
○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded.

○ sky ¾ clouded. ○ overcast sky. ○ rain falling.

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

R, thunderstorm.

**SEA DISTURBANCE.**—Rough wavy. High wavy.



HIGH

HIGH

LOW

falling briskly

Bar. rising

Barometer

scarcely changing

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## DAILY WEATHER REPORT.

Thursday, 23<sup>rd</sup> September, 1915.REPORTS  
FOR  
YESTERDAY.22<sup>nd</sup> September.

| STATIONS. | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |                      |                                   |        |                |                                 |          |             |      | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |  |
|-----------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|---------------------------------|----------|-------------|------|-------------------------------------|-------|--|
|           | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.                |                                   | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                                     | Min.  |  |
|           |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb.<br>° F. | Change<br>in 24<br>hours.<br>° F. | Direc. | Force<br>0-12. |                                 |          |             |      |                                     |       |  |
| Petrograd | 1020.0                                | 43    | NW     | 2              | 0        | 1020.4                         | 0                        | 41                   | +2                                | WNW    | 3              | -                               | 0        | *           | -    | 45                                  | 37    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.      | Rainfall.                | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS. | Rainfall.                  | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |     |  |  |
|----------------|--------------------------|--------------|------|-----------|------------|-------------------------------|-----------|----------------------------|--------------|------|-----------|------------|-------------------------------|-----|--|--|
|                |                          | Max.         | Min. | Forenoon. | Afternoon. |                               |           |                            | Max.         | Min. | Forenoon. | Afternoon. |                               |     |  |  |
|                | mm. §                    | ° F.         | ° F. |           |            | Hr.                           |           | mm. §                      | ° F.         | ° F. |           |            | Hr.                           |     |  |  |
| Scotland.      | { Oban ... ..            | 0.3          | 63   | 52        | b          | bc c                          | 0.9       | { Tunbridge Wells ... ..   | —            | 69   | 51        | b, bc      | bc, c                         | 6.4 |  |  |
|                | { Banff ... ..           | —            | 61   | 53        | bc         | bc c                          | 3.0       | { Margate ... ..           | —            | 65   | 54        | b          | b, bc                         | 7.8 |  |  |
|                | { Carnoustie ... ..      | —            | 59   | 51        | b          | 0 c                           | 4.3       | { Ramsgate ... ..          | —            | 64   | 54        | bc         | bc                            | 7.2 |  |  |
|                | { St. Andrews ... ..     | —            | 62   | 42        | *          | *                             | 3.6       | { Hastings ... ..          | —            | 64   | 56        | b          | b, bc                         | 8.9 |  |  |
| Eng.,<br>N.E.  | { Harrogate ... ..       | —            | 64   | 41        | c, bc, b   | bc, c                         | 3.4       | { Bexhill-on-Sea ... ..    | —            | 66   | 57        | 0, b       | b, bc                         | 6.6 |  |  |
|                | { Skegness ... ..        | —            | 67   | 56        | b          | b, bc, c                      | 7.1       | { Eastbourne ... ..        | —            | 71   | 53        | b          | bc                            | 7.1 |  |  |
| Eng.,<br>N.W.  | { Morecambe ... ..       | —            | 67   | 49        | bc         | c                             | 2.3       | { Brighton ... ..          | —            | 66   | 53        | bc, c      | c, 0                          | 6.1 |  |  |
|                | { Blackpool ... ..       | —            | 67   | 48        | bc, 0      | 0, 0, 0                       | 0.3       | { Worthing ... ..          | —            | 65   | 54        | b          | bc                            | 6.6 |  |  |
|                | { Southport ... ..       | —            | 67   | 45        | c, bc, b   | b, bc, c                      | 2.5       | { Littlehampton ... ..     | —            | 65   | ?         | b          | bc                            | 3.0 |  |  |
|                |                          |              |      |           |            |                               |           | { Bognor ... ..            | —            | 65   | 56        | c          | bc, 0                         | 4.2 |  |  |
| Midlands.      | { Buxton ... ..          | —            | 64   | 43        | bc         | bc                            | 4.1       | { Southsea ... ..          | —            | 67   | 56        | b          | c                             | 4.7 |  |  |
|                | { Leamington Spa ... ..  | —            | 70   | 48        | c, bc      | bc                            | 5.1       | { Bournemouth ... ..       | 1            | 72   | 52        | c          | c                             | 2.6 |  |  |
|                | { Malvern ... ..         | —            |      |           |            |                               |           |                            |              |      |           |            |                               |     |  |  |
|                | { Ross-on-Wye ... ..     | —            | 69   | 48        | c, bc      | c, 0                          | 3.4       |                            |              |      |           |            |                               |     |  |  |
| Wales.         | { Rhyl ... ..            | —            | 70   | 56        | bc         | bc                            | 5.0       | { Weymouth ... ..          | 4            | 70   | 54        | bc, bc     | 0, bc                         | 6.5 |  |  |
|                | { Colwyn Bay ... ..      | —            | 65   | 53        | bc         | bc, 0                         | 4.3       | { Torquay ... ..           | —            | 71   | 55        | c, bc      | b, bc, 0                      | 4.8 |  |  |
|                | { Llandudno ... ..       | —            |      |           |            |                               |           | { Paignton ... ..          | —            | 71   | 52        | bc         | c                             | 3.7 |  |  |
|                | { Aberystwyth ... ..     | —            | 68   | 57        | 0, c, b    | c, 0                          | 3.0       | { Falmouth ... ..          | —            | 61   | 54        | 0, 0, 0    | 0, 0                          | 0.0 |  |  |
|                | { Tenby ... ..           | —            | 64   | 51        | 0          | 0                             | 0.6       | { Penzance ... ..          | —            | 65   | 58        | c          | 0, 0                          | 0.6 |  |  |
| England,<br>E. | { Cromer ... ..          | —            | 62   | 53        | bc         | bc, c, 0, 0                   | 8.3       | { Newquay ... ..           | —            | 67   | 53        | bc, b      | 0, 0, 0, 0                    | 3.5 |  |  |
|                | { Lowestoft ... ..       | —            | 64   | 57        | bc         | bc, c                         | 8.4       | { Ilfracombe ... ..        | —            | 65   | 55        | bc         | bc, c, 0                      | 4.0 |  |  |
|                | { Felixstowe ... ..      | —            | 63   | 57        | bc         | bc, 0                         | 7.4       | { Weston-super-Mare ... .. | —            | 68   | 51        | 0, bc, b   | b, bc, c                      | 2.2 |  |  |
|                | { Walton-on-Naze ... ..  | —            | 64   | 57        | b, bc      | bc, 0, 0                      | 7.4       |                            |              |      |           |            |                               |     |  |  |
|                | { Southend-on-Sea ... .. | —            | 67   | 50        | b, bc      | bc                            | 6.4       |                            |              |      |           |            |                               |     |  |  |
|                |                          |              |      |           |            |                               |           |                            |              |      |           |            |                               |     |  |  |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |            |                                   | Rain-<br>fall. | WEATHER.                      |                 |        |
|--|---------------------------|-----------------------|---|--|------------|-----------------------------------|----------------|-------------------------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |            | Min. on<br>Grass.                 |                | Fore-<br>noon.                | After-<br>noon. | Night. |
|  |                           |                       |   | Max.   | Min.       |                                   |                |                               |                 |        |
|  |                           |                       |   |  |            |                                   |                |                               |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |  |            |                                   |                |                               |                 |        |
| Greenwich (Royal Obs.) ...   | %<br>60                   | %<br>75               | Hr.<br>7.3                              | ° F.<br>73   | ° F.<br>55 | ° F.<br>49                        | mm. §<br>-     | bc                            | c. 0            | 0      |
| City (Bunhill Row) ...   | *<br>x                    | *<br>x                | 4.6                                     | *<br>x   | *<br>x     | *<br>x                            | *<br>x         | *<br>x                        | *<br>x          | *<br>x |
| Westminster (St. James's Pk.)  | 57                        | 79                    | 5.4                                     | 73   | 57         | 45                                | -              | bc                            | bc              | bcue   |
| Camden Sq. (Brit. Rainfall)  | 53                        | 78                    | 5.5                                     | 74   | 57         | 34                                | -              | bc                            | bc              | *      |
| Hampstead (Reservoir) ...  | *<br>x                    | 76                    | 5.9                                     | 70   | 56         | 45                                | -              | bc                            | bc              | 0      |
| Richmond Park ...  | *<br>x                    | *<br>x                | 4.7                                     | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |            |                                   |                |                               |                 |        |
| Kew. (See front page.)   |                           |                       |   |  |            |                                   |                |                               |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   |  |            |                                   |                |                               |                 |        |
| S. Kensington (Roof of M.O.)   | 48                        | 70                    | 5.1                                     | Total.<br>911 Joules   |            | Average Rate.<br>20.7 Milliwatts. |                | Max. Rate.<br>4.9 Milliwatts. |                 |        |

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

| 22 <sup>nd</sup> Sept. 1915. | Sunrise. | Noon.  | Sunset. |
|------------------------------|----------|--------|---------|
| G.M.T.                       | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                 | 5.41     | 11.45  | 5.49    |
| Greenwich ...                | 5.43     | 11.45  | 5.47    |
| Wick ...                     | 5.48     | 11.52  | 5.56    |
| Valencia ...                 | 5.50     | 11.52  | 5.54    |
|                              | 5.59     | 12.4   | 6.9     |
|                              | 6.1      | 12.4   | 6.6     |
|                              | 6.29     | 12.23  | 6.37    |
|                              | 6.31     | 12.23  | 6.35    |

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 70° and upwards in many parts of England and Wales, and reached 73° at South Farnborough. Rain fell at most of our western stations, heavily in the west of Ireland; at Valencia the measurement amounted to as much as 52 mm.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 267. Friday 24<sup>th</sup> September 1915.

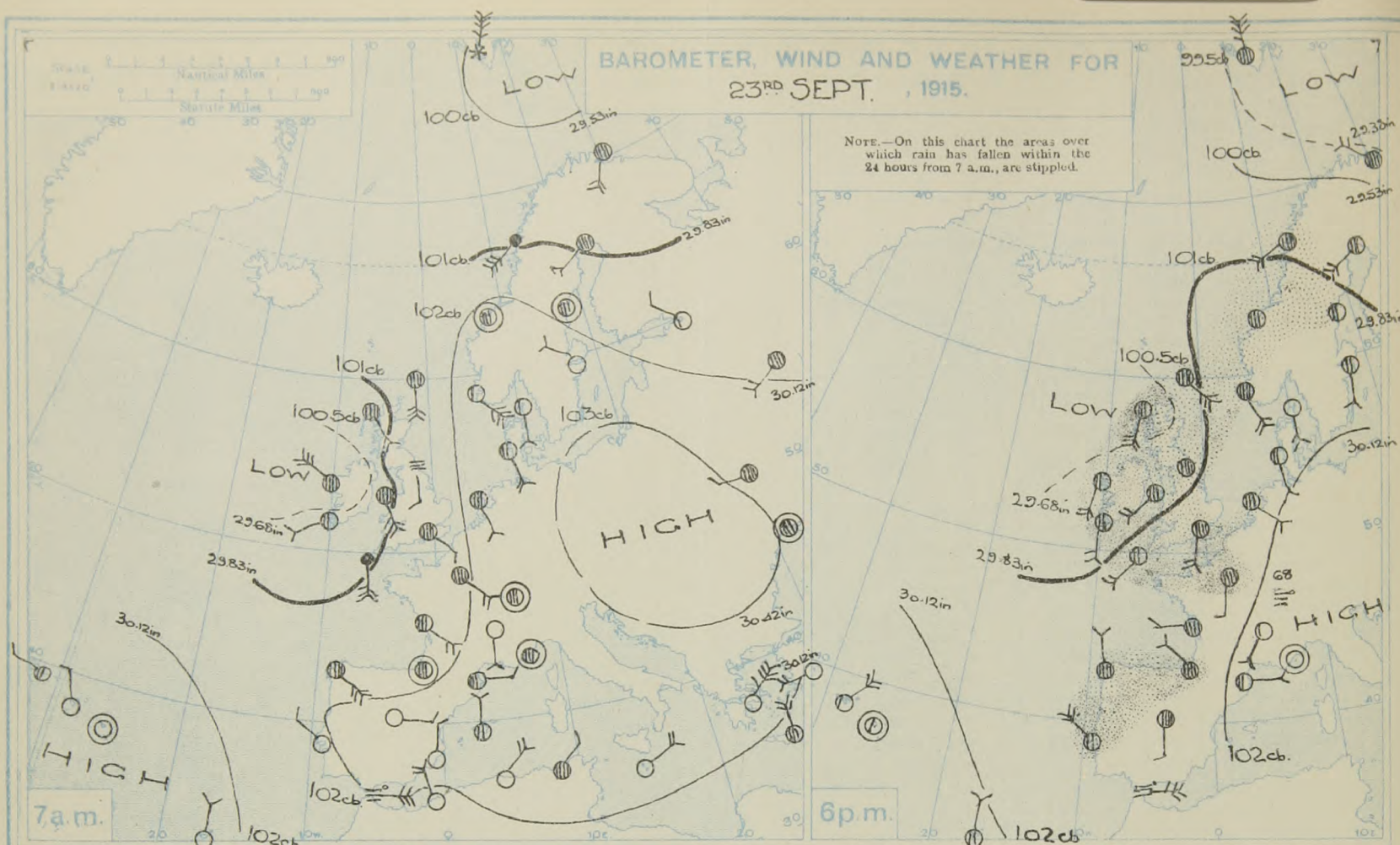
|                        | STATIONS.              | YESTERDAY EVENING.                    |              |       |                |          | THIS MORNING 7 A.M., G.M.T.           |                          |              |       |                               |          |             |                                     |       |         | PAST 24 HOURS. |  |         |         |        | Sun-<br>shine<br>for<br>Yester-<br>day. |
|------------------------|------------------------|---------------------------------------|--------------|-------|----------------|----------|---------------------------------------|--------------------------|--------------|-------|-------------------------------|----------|-------------|-------------------------------------|-------|---------|----------------|--|---------|---------|--------|---|
|                        |                        | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND. |                | Weather. | Barom.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | TEMP.<br>°F. | WIND. | Dir.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |         | WEATHER.       |  |         |         |        |   |
|                        |                        |                                       |              | Dir.  | Force<br>0-12. |          |                                       |                          |              |       |                               |          |             |                                     | Max.  | Min.    | Morning.       | Afternoon.   | Night.  |         |        |   |
| BRITISH ISLANDS.       | Lerwick ...            | 1009.8                                | 55           | SE    | 5              | omg      | 1007.9                                | 0                        | 53           | 0     | NW                            | 2        | om          | 2                                   | 2     | 57      | 53             | om   | om      | om      | Hours. |   |
|                        | Deerness ...           | 1005.1                                | 54           | S     | 5              | cl       | 1008.1                                | +                        | 53           | +1    | S                             | 2        | cl          | 2                                   | 3     | 55      | 51             | fe o.c   | sc c    | sc c    | 0.0    |   |
|                        | Stornoway ...          | 1002.7                                | 58           | SSW   | 5              | cg       | 1007.2                                | +1                       | 50           | -6    | NW                            | 1        | bc          | 1                                   | 2     | 59      | 50             | op   | op.c    | op.bc   | 0.0    |   |
|                        | Castlebay (Barra Isd.) | 1004.6                                | 57           | SW    | 4              | bc       | 1006.1                                | 0                        | 56           | -1    | E                             | 3        | SE          | 3                                   | 5     | 59      | 54             | cl   | no bc   | bc o    | 1.0    |   |
|                        | Glasgow ...            | 1007.5                                | 57           | WSW   | 2              | o        | 1009.0                                | 0                        | 51           | -1    | E                             | 1        | ogd         | 3                                   | 3     | 60      | 50             | opm  | og      | c.bom   | 0.0    |   |
|                        | Eska Dalemuir ...      | 1008.0                                | 58           | SW    | 3              | sc       | 1009.2                                | 0                        | 53           | -2    | -                             | 0        | om          | 7                                   | 7     | 58      | 50             | om sc  | sc o    | sc om   | 0.0    |   |
|                        | Malin Head ...         | 1007.0                                | 58           | W     | 2              | bc       | 1005.2                                | -2                       | 53           | -5    | SSE                           | 3        | SW          | 2                                   | 2     | 60      | 53             | cg   | bc      | bc m    | 4.6    |   |
|                        | Blackod Point ...      | 1006.4                                | 59           | SSW   | 4              | bc       | 1001.8                                | -2                       | 56           | -1    | SE                            | 5        | SE          | 4                                   | -     | 62      | 52             | bc   | bc      | bc bc   | +      |   |
|                        | Valencia ...           | 1007.0                                | 60           | S     | 3              | bc       | 1001.4                                | -1                       | 56           | -1    | S                             | 1        | op          | 4                                   | 3     | 65      | 56             | bc p r   | bc w    | c.op.c  | 7.4    |   |
|                        | Roche's Point ...      | 1009.5                                | 62           | SSW   | 4              | c        | 1004.0                                | +                        | 59           | 0     | SW                            | 3        | o           | 5                                   | 2     | 65      | 58             | om c   | bc p c  | bc op   | +      |   |
|                        | Birr Castle ...        | 1007.3                                | 62           | S     | 1              | c        | 1004.2                                | +                        | 56           | -5    | SE                            | 1        | bc          | 3                                   | 3     | 67      | 53             | o.c  | cp      | cp bc   | 4.5    |   |
|                        | Donaghadee ...         | 1007.5                                | 61           | S     | 1              | bc       | 1006.8                                | -1                       | 57           | 0     | S                             | 2        | ogm p d     | 2                                   | 4     | 64      | 54             | om om p  | bc      | of op d | +      |   |
|                        | Liverpool (Bidston)    | 1009.4                                | 61           | S     | 1              | bc       | 1008.9                                | -1                       | 53           | -4    | SE                            | 1        | SE          | 2                                   | 0.2   | 67      | 53             | o bc   | op      | bc m    | 0.6    |   |
|                        | Holyhead ...           | 1009.2                                | 61           | SW    | 3              | c        | 1007.6                                | -1                       | 59           | -2    | S                             | 4        | SW          | 3                                   | 2     | 63      | 58             | op of  | o.c bc  | o.c bc  | 0.6    |   |
|                        | Pembroke (St. Ann's)   | 1010.8                                | 59           | WSW   | 3              | bc       | 1008.1                                | -2                       | 59           | -1    | SSW                           | 3        | bc          | 3                                   | 1     | 62      | 58             | op r   | c       | bc      | 0.5    |   |
|                        | Scilly (St. Mary's)    | 1011.6                                | 61           | SW    | 3              | bc       | 1003.4                                | -2                       | 59           | -3    | SSE                           | 4        | c           | 4                                   | 0.2   | 64      | 58             | om c   | c bc    | bc op c | 1.7    |   |
|                        | Falmouth ...           | 1012.2                                | 61           | SW    | 2              | bc       | 1007.5                                | -4                       | 58           | -3    | SSE                           | 3        | o           | 4                                   | 3     | 66      | 56             | sc o   | o.c bc  | sc      | 0.3    |   |
|                        | Jersey (St. Aubin)     | 1013.7                                | 67           | S     | 2              | o        | 1010.6                                | +                        | 61           | -3    | S                             | 3        | o           | 2                                   | 4     | 71      | 58             | c.op.c o   | o.c og  | og p m  | 1.0    |   |
|                        | Portland Bill ...      | 1012.0                                | 61           | SW    | 4              | om       | 1010.3                                | -3                       | 60           | -2    | SW                            | 2        | SW          | 3                                   | 8     | 64      | 59             | op   | op m    | c bc    | +      |   |
|                        | Dunegness ...          | 1015.1                                | 63           | SW    | 1              | o        | 1012.0                                | -1                       | 60           | -1    | SW                            | 2        | c           | 2                                   | trace | 68      | 58             | o.c o  | o.c o   | bc bc w | +      |   |
| Dover ...              | 1014.8                 | 63                                    | S            | 1     | cl             | 1013.0   | -1                                    | 60                       | -4           | SW    | 1                             | SW       | 0           | 2                                   | 62    | 60      | c              | c o  | op o    | 2.2     |        |   |
| Wick ...               | 1005.5                 | 56                                    | SE           | 4     | m              | 1008.5   | +2                                    | 48                       | -5           | -     | 0                             | c        | 2           | 0.2                                 | 57    | 44      | m om p         | om p   | o bc m  | +       |        |   |
| Nairn ...              | 1004.5                 | 62                                    | S            | 1     | omg            | 1007.8   | +                                     | 46                       | -4           | -     | 0                             | bc       | 0           | -                                   | 64    | 44      | omg            | bc m   | om w    | 0.3     |        |   |
| Aberdeen ...           | 1007.1                 | 57                                    | S            | 3     | om             | 1008.9   | +1                                    | 49                       | -6           | WSW   | 1                             | S        | 2           | 0.1                                 | 58    | 49      | om             | om p om  | om bc m | 0.0     |        |   |
| Leith ...              | 1006.1                 | 64                                    | SW           | 2     | o              | 1008.7   | 0                                     | 50                       | -4           | -     | 0                             | cl       | 1           | 64                                  | 47    | og or   | og             | o.c  | +       |         |        |   |
| Tynemouth ...          | 1009.0                 | 63                                    | -            | 0     | ogm            | 1008.9   | 0                                     | 53                       | +1           | W     | 2                             | bc       | 3           | -                                   | 62    | 52      | om             | omg  | cl      | +       |        |   |
| Spurn Head ...         | 1011.8                 | 64                                    | SW           | 4     | cl             | 1010.2   | -4                                    | 59                       | 0            | SW    | 2                             | bc       | 4           | 2                                   | 65    | 57      | c om           | om x   | cl p    | 0.2     |        |   |
| Yarmouth ...           | 1013.6                 | 64                                    | SSW          | 3     | o              | 1011.3   | -2                                    | 59                       | -2           | SSW   | 2                             | bc m     | 2           | -                                   | 66    | 58      | bc             | bc o   | o       | 1.2     |        |   |
| Clacton-on-Sea ...     | 1014.5                 | 64                                    | SSE          | 3     | o              | 1011.4   | -1                                    | 63                       | +1           | W     | 2                             | o        | 1           | -                                   | 66    | 60      | c              | c o  | og m    | 0.9     |        |   |
| Nottingham ...         | 1011.1                 | 63                                    | S            | 2     | o              | 1010.4   | +                                     | 52                       | -4           | SSW   | 1                             | f        | 2           | 2                                   | 68    | 52      | c o            | dog  | om      | 0.4     |        |   |
| Bath ...               | 1011.7                 | 63                                    | WSW          | -     | o              | 1010.3   | +                                     | 57                       | -3           | E     | -                             | c        | 6           | 6                                   | 66    | 54      | sc             | sc o   | sc o    | 0.0     |        |   |
| Sth Farnborough ...    | 1012.9                 | 64                                    | SSW          | 3     | o              | 1010.6   | 0                                     | 59                       | +1           | -     | 0                             | o        | 5           | 5                                   | 68    | 57      | og o           | op   | sc o    | 0.0     |        |   |
| London (Kew Obs.)      | 1013.5                 | 65                                    | SSW          | 3     | o              | 1011.4   | -1                                    | 60                       | 0            | SW    | 1                             | om       | 9           | 70                                  | 58    | om op o | o              | o sc om  | 0.0     |         |        |   |
| NORTHWEY EUROPE.       | Spitsbergen ...        | 992.6                                 | 30           | N     | 7              | o        | 997.5                                 | +4                       | 32           | +7    | NNE                           | 5        | bc          | +                                   | +     | 32      | 25             | GALES.<br><br>Duration and Extreme Force<br>in British Islands.<br><br><u>MALIN HEAD.</u><br><br>23 <sup>rd</sup> 7 am to 10 am. S. S. |         |         |        |   |
|                        | Vardö ...              | 997.3                                 | 37           | NW    | 2              | o        | 995.1                                 | -2                       | 37           | 0     | NW                            | 4        | cl          | 3                                   | +     | 37      | 34             |  |         |         |        |   |
|                        | Bodö ...               | 1009.7                                | 45           | SW    | 4              | o        | 1010.0                                | 0                        | 43           | +5    | WNW                           | 2        | o           | 2                                   | 11    | 48      | 41             |  |         |         |        |   |
|                        | Christiansund ...      | 1018.4                                | 46           | -     | 0              | c        | 1011.1                                | -2                       | 49           | +1    | -                             | 0        | o           | 1                                   | trace | 54      | 46             |  |         |         |        |   |
|                        | Skudesnaes ...         | 1015.7                                | 55           | SSE   | 4              | o        | 1009.7                                | 0                        | 55           | +5    | SE                            | 2        | o           | 3                                   | 3     | 57      | 45             |  |         |         |        |   |
|                        | Færder (X'ania Fjord)  | 1019.3                                | 55           | SSW   | 4              | bc       | 1014.0                                | -2                       | 55           | +3    | NW                            | 2        | c           | 1                                   | -     | 55      | 50             |  |         |         |        |   |
|                        | The Scaw (Skagen)      | 1019.9                                | 55           | S     | 3              | bc       | 1014.4                                | -2                       | 55           | +1    | S                             | 2        | bc          | 2                                   | -     | 57      | 54             |  |         |         |        |   |
|                        | Blaavands Huk ...      | 1014.3                                | 52           | SSE   | 2              | c        | 1014.9                                | -1                       | 52           | +2    | SSE                           | 2        | SW          | 2                                   | -     | 59      | 46             |  |         |         |        |   |
|                        | Haparanda ...          | 1003.4                                | 52           | SW    | 4              | c        | 1005.5                                | +2                       | 45           | 0     | NW                            | 2        | c           | +                                   | -     | 55      | 37             |  |         |         |        |   |
|                        | Hersöand ...           | 1013.7                                | 52           | -     | 0              | bc       | 1010.9                                | -1                       | 50           | 0     | -                             | 0        | c           | +                                   | trace | 59      | 45             |  |         |         |        |   |
| Stockholm ...          | 1018.9                 | 50                                    | S            | 2     | bc             | 1014.9   | -2                                    | 48                       | +3           | WSW   | 2                             | NW       | 0           | -                                   | 54    | 43      |                |  |         |         |        |   |
| Wisby ...              | 1022.1                 | 50                                    | WSW          | 2     | bc             | 1017.7   | -3                                    | 50                       | +2           | SW    | 4                             | bc       | +           | -                                   | 54    | 45      |                |  |         |         |        |   |
| Karlstad ...           | 1019.8                 | 50                                    | -            | 0     | bc             | 1015.1   | -3                                    | 45                       | +6           | -     | 0                             | c        | +           | -                                   | 57    | 37      |                |  |         |         |        |   |
| Petrograd (G.M.T.)     |                        |                                       |              |       |                |          |                                       |                          |              |       |                               |          |             |                                     |       |         |                |  |         |         |        |   |
| FRANCE, &c.            | The Helder ...         | 1015.8                                | 61           | SE    | 2              | c        | 1012.7                                | -1                       | 61           | +11   | S                             | 2        | c           | 1                                   | trace | 66      | 50             | GALES.<br><br>Duration and Extreme Force<br>in British Islands.<br><br><u>MALIN HEAD.</u><br><br>23 <sup>rd</sup> 7 am to 10 am. S. S. |         |         |        |   |
|                        | C. Gris Nez ...        | 1015.8                                | 65           | S     | 1              | o        | 1012.3                                | 0                        | 62           | -5    | SSW                           | 3        | o           | 2                                   | -     | 77      | 61             |  |         |         |        |   |
|                        | La Hève ...            | 1015.0                                | 64           | SSE   | 2              | cl       | 1012.8                                | +                        | 61           | -3    | SSE                           | 3        | o           | 2                                   | 3     | 72      | 57             |  |         |         |        |   |
|                        | Ushant ...             | 1014.1                                | 63           | W     | 3              | c        | 1009.0                                | +                        | 63           | 0     | SSW                           | 5        | o           | 3                                   | -     | 64      | 55             |  |         |         |        |   |
|                        | Brest (St. Mathieu)    | 1015.1                                | 61           | SW    | 3              | o        | 1007.9                                | -2                       | 61           | -2    | SSE                           | 3        | o           | 3                                   | 16    | 68      | 61             |  |         |         |        |   |
|                        | Roche fort (Ile d'Aix) |                                       |              |       |                |          |                                       |                          |              |       |                               |          |             |                                     |       |         |                |  |         |         |        |   |
|                        | Biarritz ...           | 1017.0                                | 70           | NW    | 2              | o        | 1010.3                                | -4                       | 65           | -1    | SSE                           | 2        | c           | 2                                   | 1     | 75      | 64             |  |         |         |        |   |
|                        | Paris ...              | 1015.8                                | 70           | S     | 2              | o        | 1013.7                                | -1                       | 63           | +4    | SSE                           | 2        | cl          | +                                   | 6     | 84      | 57             |  |         |         |        |   |
|                        | Belfort ...            | 1021.1                                | 68           | -     | 0              | m        | 1020.8                                | +                        | 58           | +4    | WSW                           | 2        | c           | +                                   | -     | 79      | 51             |  |         |         |        |   |
|                        | Lyons ...              | 1020.6                                | 68           | SSW   | 2              | bc       | 1019.7                                | +                        | 58           | -2    | S                             | 1        | o           | +                                   | -     | 79      | 54             |  |         |         |        |   |
| Nice ...               | 1024.6                 | 59                                    | -            | 0     | bc             | 1021.9   | -1                                    | 63                       | +1           | -     | 0                             | c        | 3           | -                                   | 72    | 57      |                |  |         |         |        |   |
| Perpignan ...          | 1021.1                 | 68                                    | E            | 2     | bc             | 1017.1   | -3                                    | 68                       | +5           | -     | 0                             | o        | +           | -                                   | 75    | 63      |                |  |         |         |        |   |
| Sanguinaire ...        |                        | 76                                    | W            | 2     | m              |          |                                       | 73                       | +2           | SE    | 2                             | c        | 3           | -                                   | 84    | 66      |                |  |         |         |        |   |
| SOUTHERN EUROPE.       | Corunna (7 a.m.)       | 1018.3                                | 64           | N     | 2              | o        | 1013.1                                | 0                        | 63           | -1    | SW                            | 2        | c           | 4                                   | 19    | 68      | 61             | GALES.<br><br>Duration and Extreme Force<br>in British Islands.<br><br><u>MALIN HEAD.</u><br><br>23 <sup>rd</sup> 7 am to 10 am. S. S. |         |         |        |   |
|                        | Madrid (8 a.m.)        | 1017.1                                | 79           | S     | 1              | o        | 1016.4                                | 0                        | 64           | -2    | SSE                           | 1        | SW          | 0                                   | +     | 72      | 61             |  |         |         |        |   |
|                        | Lisbon (9 a.m.)        | 1017.9                                | 72           | NW    | 4              | bc       | 1016.2                                | -1                       | 68           | +2    | SW                            | 3        | o           | 5                                   | trace | 81      | 66             |  |         |         |        |   |
|                        | Gibraltar ...          | 1018.6                                | 72           | E     | 5              | m        | 1016.2                                | +                        | 71           | 0     | E                             | 4        | m           | 3                                   | -     | 74      | 71             |  |         |         |        |   |
|                        | Rome ...               |                                       |              |       |                |          |                                       |                          |              |       |                               |          |             |                                     |       |         |                |  |         |         |        |   |
|                        | Malta (8 a.m.)         |                                       |              |       |                |          | 1023.7                                | +2                       | 73           | 0     | E                             | 2        | bc          | 2                                   | -     | 75      | 70             |  |         |         |        |   |
| Azores (Horta, 8 a.m.) | 1021.2                 |                                       | NNE          | 4     | bc             | 1023.8   | -1                                    | 68                       | +6           | SSW   | 5                             | bc       | 2           | -                                   | 73    | 62      |                |  |         |         |        |   |
| Madeira (Funchal)      | 1021.0                 | 73                                    | N            | 2     | bc             | 1020.6   | 0                                     | 68                       | +2           | NE    | 3                             | c        | 3           | -                                   | 75    | 66      |                |  |         |         |        |   |

South Farnborough

Pilot Balloon Ascent at about 7 a.m.

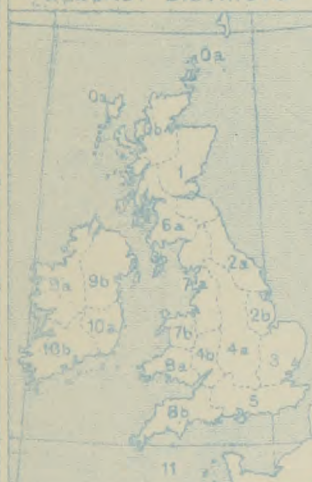
2000 metres. SSW 27 miles per hour.  
500 metres. WSW 17 miles per hour.





**FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

**No Warnings Issued.**

Western Channel and Bay 11

**FURTHER OUTLOOK.**

0 { a } Light variable airs; fair generally, but misty  
b } or foggy in places; rather cool.

1 { a } Light Westerly to Southerly or South-Easterly winds,  
2 { b } fair generally, but misty or foggy in places; rather  
cool.

3 { a } Light South-Westerly to moderate Southerly winds;  
4 { b } weather rather changeable, local thunder showers;  
air warm and close.

5 { a } Light to moderate South-Easterly winds; fair  
6 { b } to-day, but misty in places, some rain to-night or  
7 { a } to-morrow; moderate temperature.

8 { a } Freshening Southerly and South-Easterly winds;  
9 { b } fair at first, rain later; normal temperature.

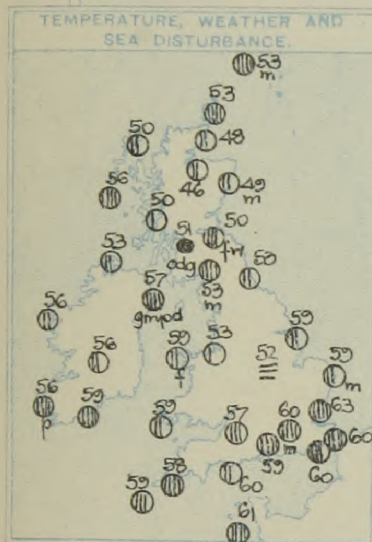
10 { a } Freshening Southerly to South-Westerly winds,  
11 { b } and a rather rough sea; changeable, some rain; moderate  
temperature.



# SYNOPTIC CHART FOR 7 a.m., FRIDAY, 24<sup>TH</sup> SEPTEMBER, 1915.

## GENERAL INFERENCE.

The new depression which has appeared off the Irish coasts will spread slowly eastwards. The weather will therefore remain in a changeable condition, with freshening Southerly and South-Easterly winds in the west.



## EXPLANATION.

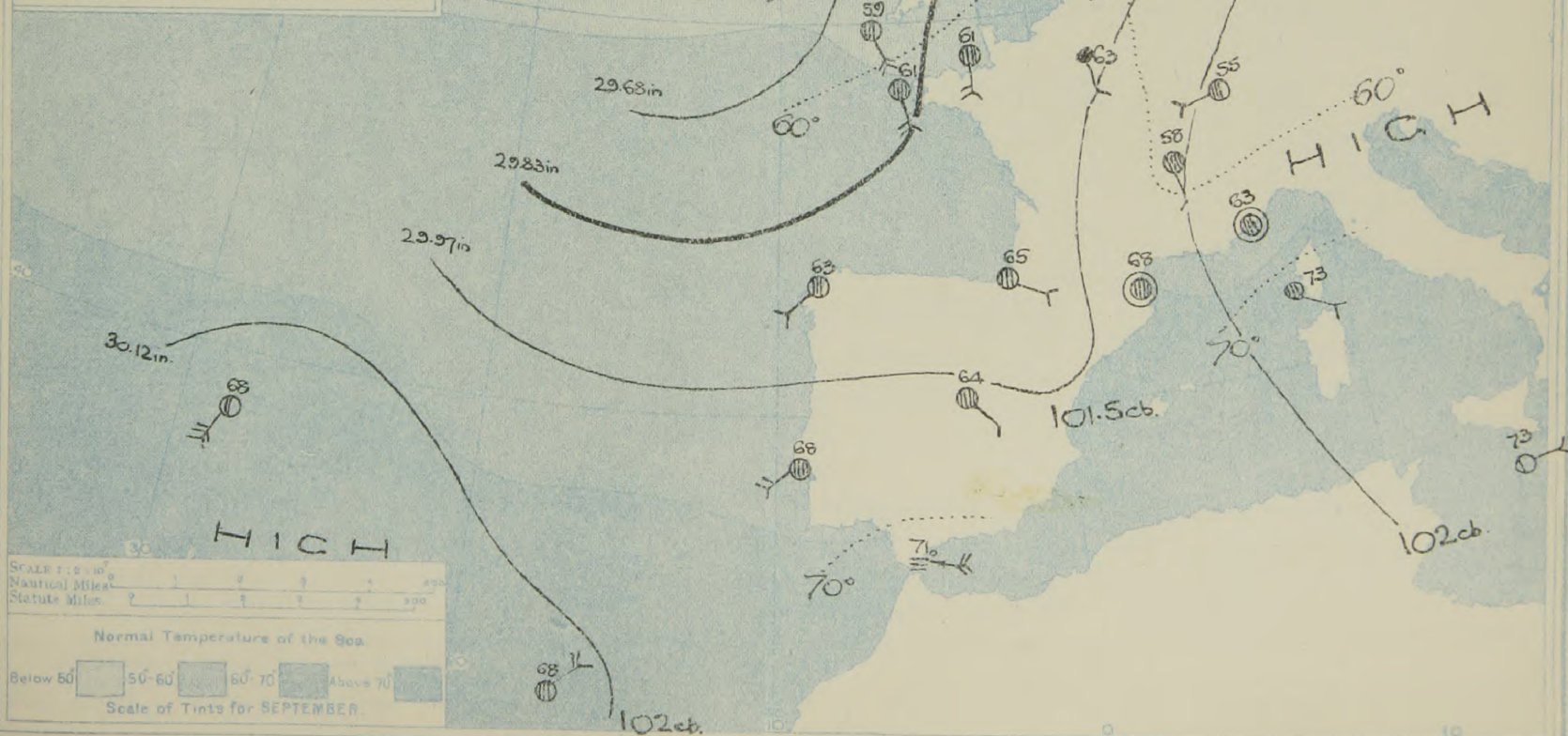
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**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 1/4 clouded. ○ sky 1/2 clouded.  
○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
T, thunderstorm.

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





## DAILY WEATHER REPORT.

Friday, 24<sup>th</sup> September, 1915.REPORTS  
FOR  
YESTERDAY.23<sup>rd</sup> September.

| STATIONS. | EVENING OBSERVATIONS.       |       |        |             |          | OBSERVATIONS AT 7 A.M., G.M.T. |                    |           |                     |        |             |                        |          |          |   | Rain-fall. Millimetres. |    |  |  |
|-----------|-----------------------------|-------|--------|-------------|----------|--------------------------------|--------------------|-----------|---------------------|--------|-------------|------------------------|----------|----------|---|-------------------------|----|--|--|
|           | BAROM. Milli-bars at M.S.L. | TEMP. | WIND.  |             | Weather. | BAROMETER.                     |                    | TEMP.     |                     | WIND.  |             | Direc. of Upper Cloud. | Weather. | Sea 0-9. |   |                         |    |  |  |
|           |                             |       | Direc. | Force 0-12. |          | Milli-bars at M.S.L.           | Change in 3 hours. | Dry Bulb. | Change in 24 hours. | Direc. | Force 0-12. |                        |          |          |   |                         |    |  |  |
|           |                             | ° F.  |        |             |          |                                |                    | ° F.      | ° F.                |        |             |                        |          |          |   |                         |    |  |  |
| Petrograd | 1018.7                      | 46    | W      | 2           | 0        | 1019.1                         | +1                 | 37        | -4                  | NW     | 1           | -                      | b        | 4        | - | 50                      | 36 |  |  |
| Malta     | *                           | *     | *      | *           | *        | 1022.9                         | +2                 | 73        | +1                  | ENE    | 3           | -                      | b        | 3        | 8 | 81                      | 72 |  |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm. § | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm. § | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|---------------------|--------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|--------------------|--------------|------|-----------|------------|--------------------------------------|
|                     |                    | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                    | Max.         | Min. | Forenoon. | Afternoon. |                                      |
| Scotland.           |                    | ° F.         | ° F. |           |            |                                      | Tunbridge Wells ...   |                    | 68           | 55   | c.c.o     | 0          | 0.1                                  |
| Banff ...           | 0.3                | 58           | 52   | cd        | c          | 0.0                                  | Margate ...           |                    | 71           | 57   | c         | c          | 0.3                                  |
| Carnoustie ...      | 3                  | 57           | 47   | or        | or         | 0.0                                  | Ramsgate ...          |                    | 69           | 57   | c         | c.o        | 0.0                                  |
| St. Andrews ...     | 3                  | 60           | 45   | *         | *          | 0.2                                  | Hastings ...          |                    | 67           | 58   | c.c       | 0          | 0.2                                  |
| England, N.E.       |                    |              |      |           |            |                                      | Bexhill-on-Sea ...    |                    |              |      |           |            |                                      |
| Harrogate ...       | -                  | 65           | 48   | c.o       | 0          | 0.0                                  | Eastbourne ...        |                    | 68           | 57   | 0         | 0          | 0.0                                  |
| Skegness ...        | -                  | 70           | 58   | o.g       | o.g        | 0.3                                  | Seaford ...           |                    | 67           | 55   | 0         | 0          | 0.0                                  |
| England, E.         |                    |              |      |           |            |                                      | Brighton ...          |                    | 68           | 58   | 0         | 0          | 0.0                                  |
| Morecambe ...       | 2                  | 66           | 53   | cr        | cr         | 0.5                                  | Worthing ...          |                    | 70           | 59   | c.c       | c          | 0.8                                  |
| Blackpool ...       | 3                  | 65           | 52   | or        | or         | 0.4                                  | Littlehampton ...     |                    | 65           | 58   | 0         | 0          | 0.7                                  |
| Southport ...       | 2                  | 66           | 52   | o.p.c     | c.o        | 0.2                                  | Bognor ...            |                    | 66           | 59   | 0         | 0          | 0.9                                  |
| Midlands.           |                    |              |      |           |            |                                      | Southsea ...          |                    | 68           | 58   | 0         | 0          | 0.0                                  |
| Buxton ...          | -                  | 63           | 49   | bc        | bc         | 0.2                                  | Bournemouth ...       | 6                  | 67           | 58   | or        | or         | 0.0                                  |
| Leamington Spa ...  | 1                  | 66           | 56   | o.c       | o.c        | 0.3                                  | Weymouth ...          | 8                  | 66           | 59   | c.o       | do m       | 0.1                                  |
| Malvern ...         | -                  | 67           | 55   | o.c       | og         | 0.3                                  | Torquay ...           | 3                  | 65           | 59   | or        | 0          | 0.0                                  |
| Ross-on-Wye ...     | -                  | 67           | 55   | o.c       | og         | 0.3                                  | Paignton ...          | 3                  | 66           | 58   | or        | 0          | 0.0                                  |
| Wales.              |                    |              |      |           |            |                                      | Falmouth ...          | 3                  | 66           | 58   | or        | 0          | 0.0                                  |
| Rhyl ...            | 0.1                | 68           | 55   | o.c       | c.o        | 0.2                                  | Falmouth ...          | 3                  | 66           | 58   | or        | 0          | 0.0                                  |
| Colwyn Bay ...      | -                  | 67           | 59   | c         | c.b.c      | 0.1                                  | Penzance ...          | 1                  | 67           | 59   | of.c      | c          | 1.3                                  |
| Llandudno ...       | -                  | 67           | 59   | c         | c.b.c      | 0.1                                  | Newquay ...           | 0.3                | 66           | 57   | og        | o.c        | 0.2                                  |
| Aberystwyth ...     | 1                  | 64           | 59   | roc       | c.o        | 1.5                                  | Ilfracombe ...        | 2                  | 66           | 59   | o.c       | 0          | 0.1                                  |
| Tenby ...           | 3                  | 64           | 60   | r         | bc         | 0.7                                  | Weston-super-Mare ... |                    |              |      |           |            |                                      |
| England, S.W.       |                    |              |      |           |            |                                      |                       |                    |              |      |           |            |                                      |
| Cromer ...          | -                  | 74           | 56   | om        | om         | 0.5                                  |                       |                    |              |      |           |            |                                      |
| Lowestoft ...       | 1                  | 67           | 58   | c.o       | c.o        | 1.2                                  |                       |                    |              |      |           |            |                                      |
| Felixstowe ...      | -                  | 66           | 60   | bc        | c          | 0.8                                  |                       |                    |              |      |           |            |                                      |
| Walton-on-Naze ...  | -                  | 66           | 58   | bc        | bc         | 0.8                                  |                       |                    |              |      |           |            |                                      |
| Southend-on-Sea ... | -                  | 73           | 54   | c.b.c     | bc.c.o     | 1.3                                  |                       |                    |              |      |           |            |                                      |

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE. |  |                   | Rain-<br>fall. | WEATHER.        |                 |        | STATIONS.       | RAIN-<br>FALL. | TEMPERATURE. |                               |        | WEATHER.       |                 |      | Sun-<br>shine<br>for<br>Yester-<br>day. |      |  |  |  |
|--|---------------------------|-----------------------|---|--------------|--|-------------------|----------------|-----------------|-----------------|--------|-----------------|----------------|--------------|-------------------------------|--------|----------------|-----------------|------|---|------|--|--|--|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |  | Min. on<br>Grass. |                | Fore-<br>noon.  | After-<br>noon. | Night. |                 |                | In Screen.   | Night<br>Min.<br>on<br>Grass. | Night. | Fore-<br>noon. | After-<br>noon. |      |   |      |  |  |  |
|  |                           |                       |   | Max.         | Min.   |                   |                |                 |                 |        |                 |                |              |                               |        |                |                 | Max. |   | Min. |  |  |  |
|  |                           |                       |   |              |  |                   |                |                 |                 |        |                 |                |              |                               |        |                |                 |      |   |      |  |  |  |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |              |  |                   |                |                 |                 |        |                 |                |              |                               |        |                |                 |      |   |      |  |  |  |
|  |                           | %                     | %                                       | Hr.          | ° F.   | ° F.              | ° F.           | mm. §           |                 |        |                 |                |              | ° F.                          | ° F.   | ° F.           |                 |      |   | Hr.  |  |  |  |
| Greenwich (Royal Obs.) ...   |                           | 72                    | 62                                      | 0.4          | 73   | 57                | 47             | 1               | o.h.            | o.p.   | o.c.            |                |              |                               |        |                |                 |      |   | *    |  |  |  |
| City (Bunhill Row) ...   |                           | *                     | *                                       | 0.1          | *  | *                 | *              | *               | *               | *      | *               |                |              |                               |        |                |                 |      |   |      |  |  |  |
| Westminster (St. James's Pk.)  |                           | 75                    | 87                                      | 0.2          | 71   | 58                | 54             | 0.7             | c.o             | c.c    | c.b.c           |                |              | *                             |        |                |                 |      |   |      |  |  |  |
| Camden Sq. (Brit. Ratfall)   |                           | 71                    | 81                                      | 0.1          | 72   | 58                | 54             | 0.3             | om              | o      | *               |                |              |                               |        |                |                 |      |   |      |  |  |  |
| Hampstead (Reservoir) ...  |                           | *                     | 75                                      | 0.2          | 70   | 56                | 46             | 5               | o               | o      | o               |                |              |                               |        |                |                 |      |   |      |  |  |  |
| Richmond Park ...  |                           | *                     | *                                       | 0.1          |  |                   |                |                 |                 |        |                 |                |              |                               |        |                |                 |      |   |      |  |  |  |
| Kew. (See front page.)   |                           |                       |   |              | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                   |                |                 |                 |        |                 |                |              |                               |        |                |                 |      |   |      |  |  |  |
|  |                           |                       |   |              | Total.   |                   |                | Average Rate.   |                 |        | Max. Rate.      |                |              |                               |        |                |                 |      |   |      |  |  |  |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   |              | 48.4 Joules  |                   |                | 111 Milliwatts. |                 |        | 3.4 Milliwatts. |                |              |                               |        |                |                 |      |   |      |  |  |  |
| S. Kensington (Roof of M.O.)   |                           | 70                    | 81                                      | 0.0          | 48.4   |                   |                | 111             |                 |        | 3.4             |                |              | 71 58 52 0 0 0.0              |        |                |                 |      |   |      |  |  |  |

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

| 24 <sup>th</sup> & 25 <sup>th</sup> Sept, 1915. | Sunrise. | Noon.  | Sunset. |
|---|----------|--------|---------|
|   | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                                    | 5.43     | 11.45  | 5.47    |
| Greenwich ...                                   | 5.45     | 11.45  | 5.45    |
| Wick ...  | 5.50     | 11.52  | 5.54    |
| Valencia ...                                    | 6.31     | 12.33  | 6.33    |

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 70° and upwards in several parts of our eastern and southern counties, and reached 74° at Cromer. Showers were experienced in most districts, and a thunderstorm occurred at Jersey during the night.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



Saturday

25th September 1918.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 268.

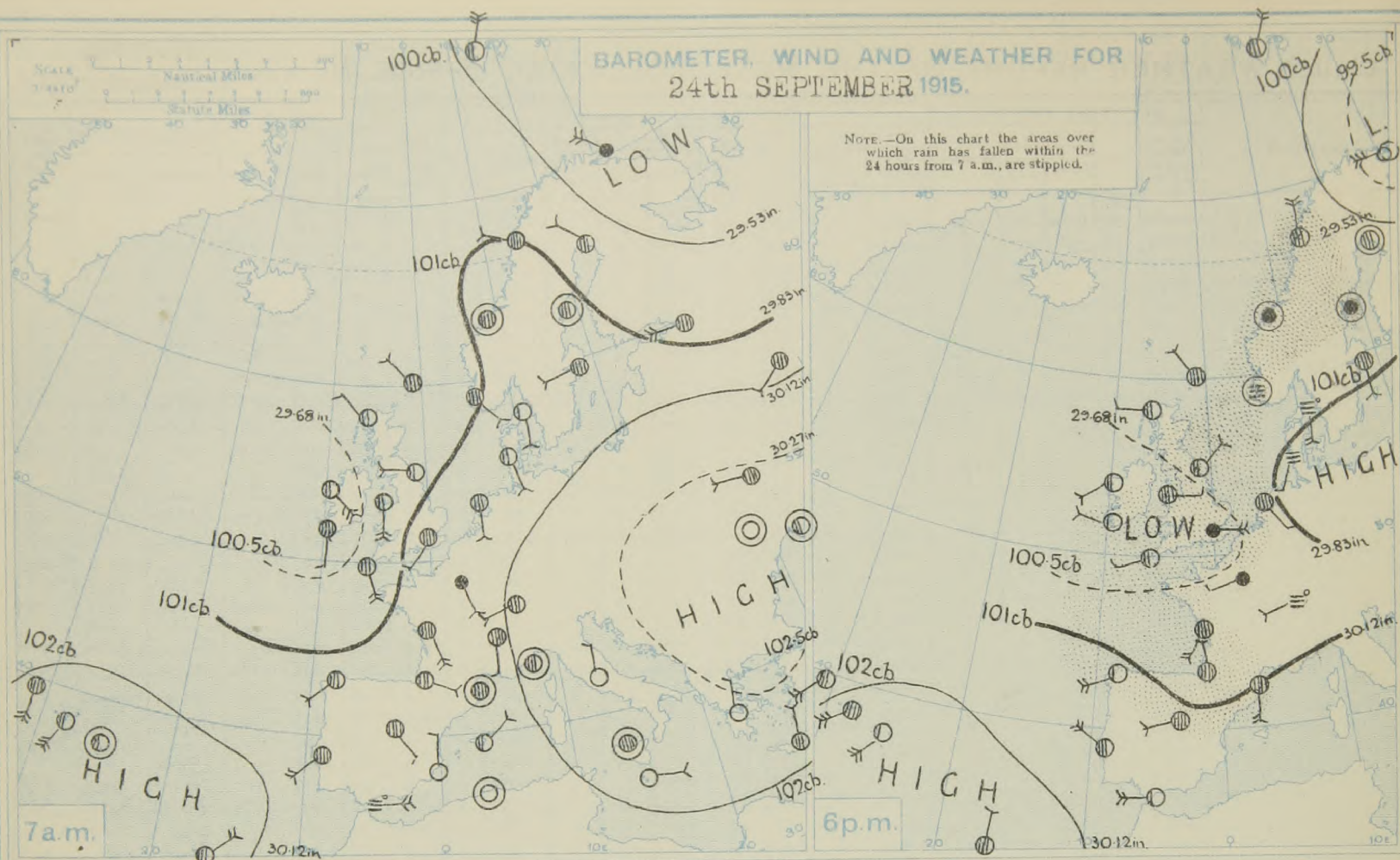
| STATIONS.           | YESTERDAY EVENING.                    |              |        |                |          | THIS MORNING 7 A.M., G.M.T.               |                          |              |                           |       |                                 |          |             |                                     |       | PAST 24 HOURS. |          |            |        |        | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---------------------|---------------------------------------|--------------|--------|----------------|----------|---|--------------------------|--------------|---------------------------|-------|---------------------------------|----------|-------------|-------------------------------------|-------|----------------|----------|------------|--------|--------|---|
|                     | Barom.<br>Milli-<br>bars at<br>M.S.L. | Temp.<br>°F. | WIND.  |                | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | TEMP.        |                           | WIND. | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |                | WEATHER. |            |        |        |   |
|                     |                                       |              | Direc. | Force<br>0-12. |          |   |                          | Dry<br>Bulb. | Change<br>in 24<br>hours. |       |                                 |          |             |                                     | Max.  | Min.           | Morning. | Afternoon. | Night. |        |   |
| BRITISH ISLANDS.    | Lerwick ...                           | 1008.6       | 55     | NNW            | 2        | 0   | 1007.4                   | -1           | 50                        | -3    | NNE                             | 2        | 0           | 2                                   | -     | 57             | 50       | 0          | 0      | 0      | Hours.                                  |
|                     | Deerness ...                          | 1008.8       | 53     | E              | 1        | 0   | 1005.4                   | -1           | 52                        | -1    | ENE                             | 3        | 0           | 2                                   | -     | 59             | 51       | 0          | c.b.c. | b.c.c. | 4.0                                     |
|                     | Stornoway ...                         | 1007.0       | 56     | W              | 1        | 0   | 1003.9                   | -1           | 52                        | +2    | E                               | 3        | 0           | 3                                   | -     | 64             | 50       | 0          | 0      | 0      | 9.4                                     |
|                     | Castlebay (Barra Isd.)                | 1005.2       | 58     | E              | 3        | 0   | 1001.5                   | -1           | 56                        | 0     | ENE                             | 2        | 0           | 2                                   | 1     | 60             | 55       | 0          | 0      | 0      | 4.1                                     |
|                     | Glasgow ...                           | 1006.1       | 56     | ENE            | 2        | 0   | 1000.8                   | -4           | 50                        | -1    | NE                              | 2        | 0           | 2                                   | 10    | 63             | 50       | 0          | 0      | 0      | 1.2                                     |
|                     | Eskdalemuir ...                       | 1005.8       | 56     | ENE            | 0        | 0   | 998.5                    | -6           | 51                        | -2    | N                               | 4        | 0           | 2                                   | 12    | 63             | 50       | 0          | 0      | 0      | 2.1                                     |
|                     | Malin Head ...                        | 1003.1       | 60     | ESE            | 3        | 0   | 1000.9                   | -1           | 55                        | +2    | SE                              | 2        | 0           | 2                                   | -     | 66             | 53       | 0          | 0      | 0      | 8.0                                     |
|                     | Blackod Point ...                     | 1001.3       | 58     | SW             | 2        | 0   | 1001.3                   | 0            | 55                        | -1    | SSW                             | 1        | 0           | 2                                   | 4     | 61             | 52       | 0          | 0      | 0      | 8.0                                     |
|                     | Valencia ...                          | 1001.9       | 61     | WNW            | 2        | 0   | 1002.9                   | 0            | 50                        | -6    | -                               | 0        | 0           | 4                                   | 6     | 62             | 47       | 0          | 0      | 0      | 4.8                                     |
|                     | Roche's Point ...                     | 1003.0       | 61     | SW             | 2        | 0   | 1003.7                   | 0            | 52                        | -7    | W                               | 2        | 0           | 3                                   | 0.3   | 65             | 51       | 0          | 0      | 0      | 1.2                                     |
|                     | Birr Castle ...                       | 1002.0       | 58     | SE             | 1        | 0   | 1001.7                   | 0            | 52                        | -4    | -                               | 0        | 0           | 2                                   | 2     | 62             | 49       | 0          | 0      | 0      | 1.2                                     |
|                     | Donaghadee ...                        | 1004.0       | 56     | SSE            | 2        | 0   | 1000.6                   | -2           | 55                        | -2    | WNW                             | 2        | 0           | 2                                   | 1     | 62             | 55       | 0          | 0      | 0      | 5.8                                     |
|                     | Liverpool (Bidston)                   | 1004.2       | 60     | ESE            | 1        | 0   | 1000.0                   | -1           | 54                        | +1    | SW                              | 2        | 0           | 2                                   | 6     | 65             | 53       | 0          | 0      | 0      | 4.0                                     |
|                     | Holyhead ...                          | 1003.4       | 62     | E              | 1        | 0   | 1000.7                   | -1           | 57                        | -2    | W                               | 3        | 0           | 1                                   | 1     | 65             | 55       | 0          | 0      | 0      | 4.0                                     |
|                     | Pembroke (St. Ann's)                  | 1003.4       | 58     | SE             | 2        | 0   | 1002.6                   | 0            | 58                        | -1    | WNW                             | 2        | 0           | 4                                   | 2     | 61             | 56       | 0          | 0      | 0      | 0.6                                     |
|                     | Scilly (St. Mary's)                   | 1002.7       | 59     | WSW            | 1        | 0   | 1002.8                   | 0            | 55                        | -4    | -                               | 0        | 0           | 3                                   | 0.1   | 65             | 54       | 0          | 0      | 0      | 2.5                                     |
|                     | Falmouth ...                          | 1002.9       | 58     | S              | 1        | 0   | 1003.4                   | +1           | 47                        | -11   | -                               | 0        | 0           | 2                                   | -     | 61             | 47       | 0          | 0      | 0      | 1.1                                     |
|                     | Jersey (St. Aubin)                    | 1004.4       | 61     | W              | 2        | 0   | 1003.0                   | 0            | 54                        | -7    | W                               | 3        | 0           | 2                                   | 2.4   | 63             | 52       | 0          | 0      | 0      | 0.8                                     |
|                     | Portland Bill ...                     | 1003.0       | 59     | W              | 3        | 0   | 1002.7                   | -1           | 57                        | -3    | NW                              | 3        | 0           | 3                                   | 1.4   | 64             | 56       | 0          | 0      | 0      | 0.8                                     |
|                     | Dungeness ...                         | 1003.3       | 64     | SE             | 3        | 0   | 1002.9                   | 0            | 58                        | -2    | NW                              | 1        | 0           | 2                                   | 5     | 66             | 57       | 0          | 0      | 0      | 0.8                                     |
|                     | Dover ...                             | 1003.3       | 63     | SE             | 4        | 0   | 1002.9                   | 0            | 57                        | -3    | SW                              | 1        | 0           | 2                                   | 4     | 65             | 56       | 0          | 0      | 0      | 3.7                                     |
|                     | Wick ...                              | 1008.3       | 53     | -              | 0        | 0   | 1005.2                   | -3           | 51                        | +3    | NE                              | 1        | 0           | 2                                   | 1     | 56             | 47       | 0          | 0      | 0      | 0.8                                     |
|                     | Nairn ...                             | 1007.3       | 58     | -              | 0        | 0   | 1003.6                   | 0            | 51                        | +5    | ENE                             | 1        | 0           | 2                                   | trace | 59             | 45       | 0          | 0      | 0      | 4.7                                     |
|                     | Aberdeen ...                          | 997.9        | 55     | E              | 1        | 0   | 1001.0                   | -5           | 52                        | +3    | SE                              | 4        | 0           | 3                                   | 2     | 63             | 48       | 0          | 0      | 0      | 7.5                                     |
|                     | Leith ...                             | 1005.9       | 58     | E              | 2        | 0   | 999.6                    | -4           | 52                        | +2    | N                               | 4        | 0           | 3                                   | 19    | 62             | 50       | 0          | 0      | 0      | 0.8                                     |
|                     | Tynemouth ...                         | 1006.8       | 56     | NE             | 2        | 0   | 995.9                    | -4           | 54                        | +1    | WNW                             | 1        | 0           | 2                                   | 8     | 62             | 53       | 0          | 0      | 0      | 0.8                                     |
|                     | Spurn Head ...                        | 1006.5       | 59     | ESE            | 3        | 0   | 998.4                    | 0            | 56                        | -3    | W                               | 5        | 0           | 3                                   | 5     | 61             | 56       | 0          | 0      | 0      | 7.0                                     |
| Yarmouth ...        | 1006.4                                | 61           | SSE    | 3              | 0        | 1000.7                                    | +1                       | 61           | +2                        | WSW   | 3                               | 0        | 3           | trace                               | 66    | 56             | 0        | 0          | 0      | 2.5    |   |
| Clacton-on-Sea ...  | 1004.5                                | 62           | ESE    | 3              | 0        | 1002.4                                    | 0                        | 57           | -6                        | W     | 2                               | 0        | 2           | 2                                   | 67    | 57             | 0        | 0          | 0      | 3.1    |   |
| Nottingham ...      | 1004.5                                | 62           | NNE    | 1              | 0        | 1000.4                                    | 0                        | 53           | +1                        | W     | 2                               | 0        | 2           | 12                                  | 68    | 52             | 0        | 0          | 0      | 3.7    |   |
| Bath ...            | 1002.8                                | 60           | W      | -              | 0        | 1002.5                                    | 0                        | 53           | -4                        | W     | -                               | 0        | 2           | 1.4                                 | 67    | 51             | 0        | 0          | 0      | 1.5    |   |
| St. Farnborough ... | 1002.2                                | 60           | -      | 0              | 0        | 1002.5                                    | 0                        | 53           | -6                        | W     | 1                               | 0        | 2           | 1.4                                 | 69    | 49             | 0        | 0          | 0      | 2.4    |   |
| London (Kew Obs.)   | 1001.2                                | 62           | E      | 1              | 0        | 1002.4                                    | +1                       | 55           | -5                        | SW    | 1                               | 0        | 2           | 1.2                                 | 70    | 54             | 0        | 0          | 0      | 2.2    |   |
| NORTHERN EUROPE.    | Spitsbergen ...                       | 1006.9       | 30     | NNE            | 4        | 0   | 1008.2                   | +1           | 30                        | -2    | NNE                             | 2        | 0           | 2                                   | 0     | 32             | 28       | 0          | 0      | 0      | 0.8                                     |
|                     | Vardö ...                             | 991.8        | 39     | W              | 5        | 0   | 989.0                    | -3           | 32                        | -5    | WSW                             | 6        | 0           | 3                                   | 0     | 39             | 32       | 0          | 0      | 0      | 0.8                                     |
|                     | Bodö ...                              | 1007.3       | 41     | N              | 4        | 0   | 1003.3                   | 0            | 43                        | 0     | W                               | 4        | 0           | 2                                   | 2     | 43             | 36       | 0          | 0      | 0      | 0.8                                     |
|                     | Christiansund ...                     | 1006.6       | 48     | -              | 0        | 0   | 1008.0                   | +2           | 46                        | -3    | SE                              | 2        | 0           | 2                                   | 16    | 50             | 46       | 0          | 0      | 0      | 0.8                                     |
|                     | Skudesnaes ...                        | 1006.9       | 55     | -              | 0        | 0   | 1004.3                   | -1           | 54                        | -1    | NE                              | 2        | 0           | 2                                   | 12    | 55             | 52       | 0          | 0      | 0      | 0.8                                     |
|                     | Færder (X'aniafjord)                  | 1007.4       | 55     | S              | 3        | 0   | 1004.6                   | -1           | 54                        | -1    | W                               | 2        | 0           | 1                                   | -     | 57             | 54       | 0          | 0      | 0      | 0.8                                     |
|                     | The Scaw (Skagen)                     | 1008.8       | 57     | S              | 3        | 0   | 1005.5                   | 0            | 55                        | 0     | SW                              | 1        | 0           | 2                                   | trace | 61             | 55       | 0          | 0      | 0      | 0.8                                     |
|                     | Blaavands Huk ...                     | 1010.4       | 59     | SSW            | 1        | 0   | 1004.6                   | -4           | 53                        | +3    | SE                              | 2        | 0           | 1                                   | -     | 63             | 52       | 0          | 0      | 0      | 0.8                                     |
|                     | Haparanda ...                         | 1003.5       | 39     | -              | 0        | 0   | 997.3                    | -2           | 34                        | -11   | NW                              | 2        | 0           | 2                                   | 0     | 55             | 27       | 0          | 0      | 0      | 0.8                                     |
|                     | Hernösand ...                         | 1004.3       | 48     | -              | 0        | 0   | 1001.0                   | +3           | 48                        | -2    | -                               | 0        | 0           | 2                                   | 0     | 57             | 32       | 0          | 0      | 0      | 0.8                                     |
| FRANCE, &c.         | Stockholm ...                         | 1008.7       | 52     | S              | 2        | 0   | 1002.9                   | -2           | 54                        | +6    | W                               | 4        | 0           | 2                                   | 0     | 57             | 48       | 0          | 0      | 0      | 0.8                                     |
|                     | Wisby ...                             | 1012.0       | 52     | SW             | 4        | 0   | 1005.3                   | -2           | 54                        | +4    | SW                              | 2        | 0           | 2                                   | 0     | 59             | 50       | 0          | 0      | 0      | 0.8                                     |
|                     | Karlstad ...                          | 1007.9       | 54     | -              | 0        | 0   | 1004.7                   | 0            | 46                        | +1    | -                               | 0        | 0           | 2                                   | 0     | 57             | 41       | 0          | 0      | 0      | 0.8                                     |
|                     | Petrograd (G.M.T.)                    | 1007.9       | 54     | -              | 0        | 0   | 1004.7                   | 0            | 46                        | +1    | -                               | 0        | 0           | 2                                   | 0     | 57             | 41       | 0          | 0      | 0      | 0.8                                     |
|                     | The Helder ...                        | 1008.8       | 63     | SE             | 1        | 0   | 1002.0                   | 0            | 59                        | -2    | S                               | 1        | 0           | 2                                   | 0     | 64             | 55       | 0          | 0      | 0      | 0.8                                     |
|                     | C. Gris Nez ...                       | 1004.2       | 65     | SSE            | 4        | 0   | 1003.1                   | -2           | 58                        | -4    | S                               | 2        | 0           | 1                                   | 3     | 72             | 57       | 0          | 0      | 0      | 0.8                                     |
|                     | La Hève ...                           | 1004.3       | 61     | SSE            | 4        | 0   | 1001.6                   | 0            | 60                        | -1    | WSW                             | 2        | 0           | 2                                   | 0     | 72             | 48       | 0          | 0      | 0      | 0.8                                     |
|                     | Ushant ...                            | 1005.0       | 61     | WSW            | 3        | 0   | 1003.9                   | 0            | 57                        | -6    | SSW                             | 4        | 0           | 3                                   | 18    | 72             | 63       | 0          | 0      | 0      | 0.8                                     |
|                     | Brest (St. Mathieu)                   | 1005.3       | 63     | W              | 2        | 0   | 1003.4                   | 0            | 59                        | -2    | SW                              | 1        | 0           | 2                                   | 1     | 70             | 57       | 0          | 0      | 0      | 0.8                                     |
|                     | Rochefort (Ile d'Aix)                 | 1007.9       | 62     | SSW            | 3        | 0   | 1004.8                   | 0            | 59                        | -5    | W                               | 5        | 0           | 2                                   | 30    | 66             | 57       | 0          | 0      | 0      | 0.8                                     |
| SOUTHERN EUROPE.    | Biarritz ...                          | 1009.2       | 61     | NNW            | 2        | 0   | 1009.6                   | +2           | 59                        | -6    | W                               | 4        | 0           | 4                                   | 4.5   | 72             | 55       | 0          | 0      | 0      | 0.8                                     |
|                     | Paris ...                             | 1007.0       | 63     | SSE            | 2        | 0   | 1004.0                   | +1           | 57                        | -6    | S                               | 2        | 0           | 2                                   | 10    | 75             | 57       | 0          | 0      | 0      | 0.8                                     |
|                     | Belfort ...                           | 1013.6       | 65     | WSW            | 2        | 0   | 1006.9                   | 0            | 59                        | +4    | -                               | 0        | 0           | 2                                   | 0     | 77             | 53       | 0          | 0      | 0      | 0.8                                     |
|                     | Lyons † ...                           | 1011.7       | 69     | SSW            | 2        | 0   | 1009.3                   | 0            | 55                        | -3    | -                               | 0        | 0           | 2                                   | 15    | 73             | 55       | 0          | 0      | 0      | 0.8                                     |
|                     | Nice † ...                            | 1018.1       | 65     | SE             | 5        | 0   | 1008.6                   | -11          | 67                        | +4    | E                               | 5        | 0           | 6                                   | 8     | 77             | 61       | 0          | 0      | 0      | 0.8                                     |
|                     | Perpignan ...                         | 1010.0       | 72     | SW             | 3        | 0   | 1008.8                   | +4           | 59                        | -9    | SW                              | 2        | 0           | 2                                   | 10    | 82             | 57       | 0          | 0      | 0      | 0.8                                     |
|                     | Sanguinaire ...                       | 1010.0       | 77     | N              | 2        | 0   | 1008.8                   | +4           | 59                        | -9    | SW                              | 2        | 0           | 2                                   | 10    | 82             | 57       | 0          | 0      | 0      | 0.8                                     |
|                     | Corunna (7 a.m.)                      | 1012.2       | 64     | WSW            | 4        | 0   | 1013.9                   | +1           | 63                        | 0     | WSW                             | 2        | 0           | 4                                   | 9     | 68             | 59       | 0          | 0      | 0      | 0.8                                     |
|                     | Madrid (8 a.m.)                       | 1010.1       | 72     | WSW            | 2        | 0   | 1013.4                   | +3           | 59                        | -5    | NW                              | 3        | 0           | 4                                   | 1     | 73             | 52       | 0          | 0      | 0      | 0.8                                     |
|                     | Lisbon (9 a.m.)                       | 1017.3       | 63     | WNW            | 4        | 0   | 1018.6                   | 0            | 64                        | -4    | W                               | 2        | 0           | 4                                   | 6     | 73             | 63       | 0          | 0      | 0      | 0.8                                     |
| SOUTHERN EUROPE.    | Gibraltar ...                         | 1015.9       | 70     | W              | 4        | 0   | 1017.6                   | 0            | 66                        | -5    | NW                              | 4        | 0           | 4                                   | 3     | 77             | 65       | 0          | 0      | 0      | 0.8                                     |
|                     | Rome ...                              | 1015.9       | 70     | W              | 4        | 0   | 1017.6                   | 0            | 66                        | -5    | NW                              | 4        | 0           | 4                                   | 3     | 77             | 65       | 0          | 0      | 0      | 0.8                                     |
|                     | Malta (8 a.m.)                        | 1021.2       | 72     | -              | 0        | 0   | 1021.2                   | 0            | 72                        | -1    | ESE                             | 4        | 0           | 2                                   | -     | 75             | 70       | 0          | 0      | 0      | 0.8                                     |
|                     | Azores (Horta, 8 a.m.)                | 1021.5       | 73     | SW             | 5        | 0   | 1023.                    |              |                           |       |                                 |          |             |                                     |       |                |          |            |        |        |   |

RAINFALL.

Equivalents of Millimetres.  
in Inches.

| mm. | Inches. | mm. | Inches. |
|-----|---------|-----|---------|
| 1   | 0.04    | 26  | 1.02    |
| 2   | 0.08    | 27  | 1.06    |
| 3   | 0.12    | 28  | 1.10    |
| 4   | 0.16    | 29  | 1.14    |
| 5   | 0.20    | 30  | 1.18    |
| 6   | 0.24    | 31  | 1.22    |
| 7   | 0.28    | 32  | 1.26    |
| 8   | 0.32    | 33  | 1.30    |
| 9   | 0.35    | 34  | 1.34    |
| 10  | 0.39    | 35  | 1.38    |
| 11  | 0.43    | 36  | 1.42    |
| 12  | 0.47    | 37  | 1.46    |
| 13  | 0.51    | 38  | 1.50    |
| 14  | 0.55    | 39  | 1.5     |





FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

South Cone hoisted yesterday at 7 p.m.

Western Channel and Bay 11

FURTHER OUTLOOK.

Light North-Easterly winds; cool, cloudy.

0 { a } occasional rain.

1 { b } Moderate or fresh Northerly and North-Easterly winds, subsiding later; rainy at first, but improving temporarily later; cool.

2 { a } Light or moderate Westerly and North-Westerly winds; cloudy, showery at first, improving temporarily later; cool.

3 { b } Light Westerly winds, backing later to the Southward; fair to-day, some rain to-morrow; cool.

4 { a } Same as No. 1.

5 { b } Same as No. 2.

6 { a } Calms, followed by moderate Southerly or South-Easterly winds; fine at first, some rain later; cool.

7 { b } Light breezes, chiefly South-Easterly; showery at first, but improving temporarily later; cool.

8 { a } Variable breezes, finally South-Easterly; fair at first, some rain later; cool.

9 { b } Moderate or fresh South-Westerly and Westerly winds, and a moderate or rather rough sea; cool, changeable and showery.



## GENERAL INFERENCE.

A map of Europe with numerous data points plotted across its landmasses. Each point consists of a number followed by a symbol. The symbols include solid circles, circles with horizontal or vertical hatching, open circles, and circles containing letters like 'm', 'p', 'q', 'w'. The numbers range from 47 to 61. The title at the top reads "TEMPERATURE WEATHER AND SEA DISTANCE". The word "generally" is written above the map area.

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 

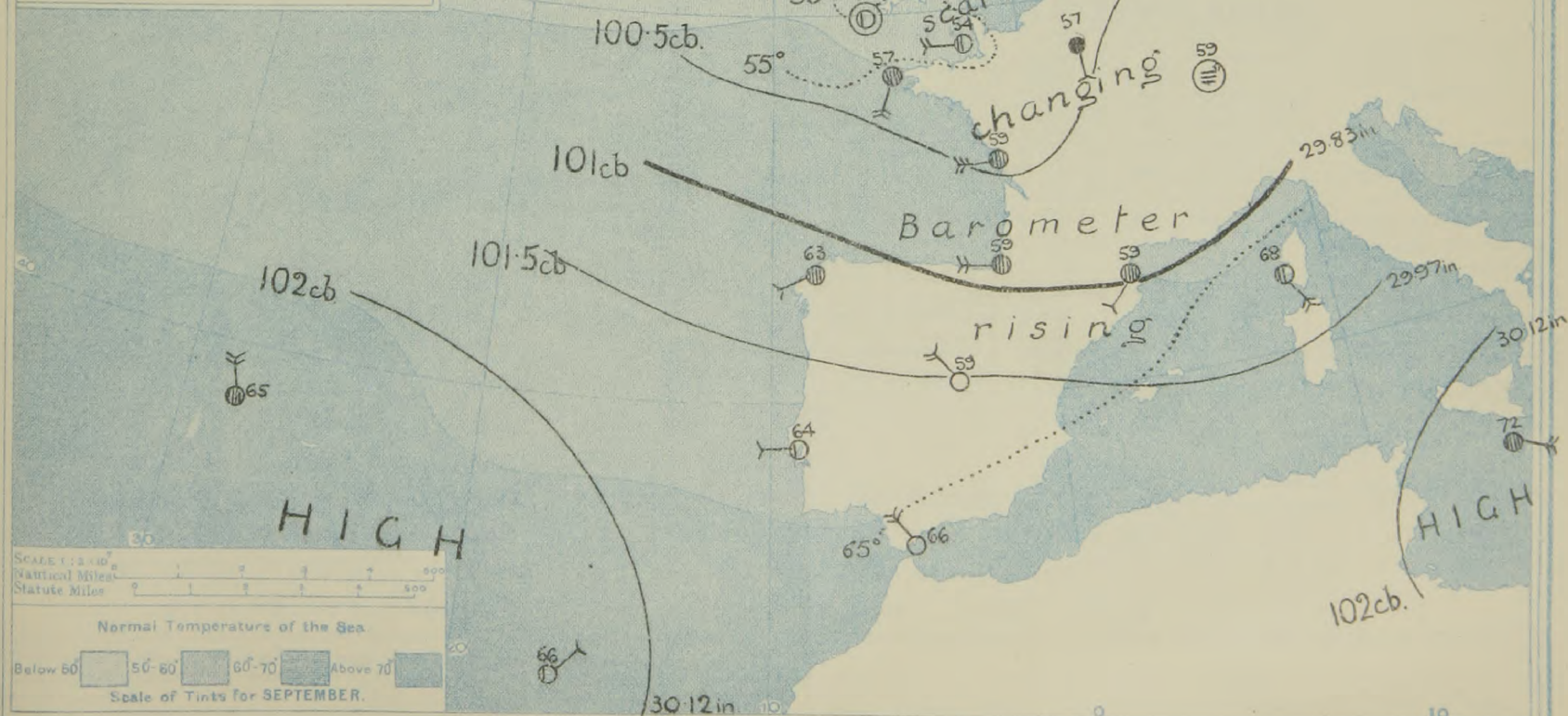
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

 clear sky.   
  sky  $\frac{1}{4}$  clouded.   
  sky  $\frac{1}{2}$  clouded.  
 sky  $\frac{3}{4}$  clouded.   
  overcast sky.   
  rain falling.

✧ snow. ▲ hail. ≡ fog. ≡<sup>o</sup> mist. T, thunder.

$\frac{7}{8}$ , thunderstorm.

SEA DISTURBANCE. - Rough . High .



## DAILY WEATHER REPORT.

Saturday 25<sup>th</sup> September 1915.REPORTS  
FOR  
YESTERDAY.24<sup>th</sup> September.

| STATIONS.          | EVENING OBSERVATIONS.             |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |              |                           |        |                |                                 |          |             |      | Rain-fall.<br>Milli-metres. | TEMP. |  |
|--------------------|-----------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|------|-----------------------------|-------|--|
|                    | BAROM.<br>Milli-bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                             | Min.  |  |
|                    |                                   |       | Direc. | Force<br>0-12. |          | Milli-bars at<br>M.S.L.        | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |      |                             |       |  |
|                    |                                   | ° F.  |        |                |          |                                |                          | ° F.         | ° F.                      |        |                |                                 |          |             |      |                             |       |  |
| Petrograd          | 1015.7                            | 46    | WSW    | 4              | 0        | 1009.0                         | -3                       | 48           | +11                       | W      | 4              | -                               | 0        | *           | -    | 50                          | 37    |  |
| Rocheport (Ld'Aix) | 1016.7                            | 66    | W      | 1              | 0        | 1011.0                         | -5                       | 64           | -1                        | SSE    | 4              | *                               | 0        | *           | 4    | 75                          | 63    |  |
| Rome               | 1024.6                            | 66    | SW     | 1              | b        | 1023.7                         | 0                        | 63           | -                         | N      | 1              | -                               | 6        | *           | -    | 77                          | 57    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm. & . | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm. & . | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|---------------------|----------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|----------------------|--------------|------|-----------|------------|--------------------------------------|
|                     |                      | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                      | Max.         | Min. | Forenoon. | Afternoon. |                                      |
|                     |                      | ° F.         | ° F. |           |            |                                      |                       |                      | ° F.         | ° F. |           |            |                                      |
| Scotland.           |                      |              |      |           |            |                                      |                       |                      |              |      |           |            |                                      |
| Oban ...            | 1                    | 64           | 47   | bc        | or         | 1.4                                  | Tunbridge Wells ...   | 8                    | 68           | 58   | bc        | or         | 1.2                                  |
| Banff ...           | 1                    | 61           | 46   | bc.b      | b.b.c      | 5.7                                  | Margate ...           | 1                    | 68           | 59   | bc.c.bc   | bc.c       | 2.8                                  |
| Carnoustie ...      | 1                    | 63           | 47   | b         | b          | 7.4                                  | Ramsgate ...          | 1                    | 66           | 58   | c         | c.or       | 2.6                                  |
| St. Andrews ...     | 1                    | 61           | 46   | *         | *          | 7.1                                  | Hastings ...          | 10                   | 64           | 58   | or.o      | or.o       | 0.0                                  |
| England, N.E.       |                      |              |      |           |            |                                      | Bexhill-on-Sea ...    |                      |              |      |           |            |                                      |
| Harrogate ...       | 1                    | 67           | 53   | bc        | o          | 3.8                                  | Eastbourne ...        | 7                    | 64           | 57   | or        | or         | 0.0                                  |
| Skegness ...        | 1                    | 67           | 58   | oz.c      | c.og       | 4.7                                  | Seaford ...           | 1                    | 69           | 60   | bc        | or         | 2.0                                  |
| England, N.W.       |                      |              |      |           |            |                                      | Brighton ...          | 9                    | 66           | 61   | c.bc.c    | d.or.o     | 1.9                                  |
| Morecambe ...       | 1                    | 66           | 54   | bc        | bc.o       | 2.5                                  | Worthing ...          | 5                    | 67           | 60   | bc        | or         | 2.2                                  |
| Blackpool ...       | 1                    | 67           | 52   | bc.zw     | bc.oz      | 4.2                                  | Littlehampton ...     | 20                   | 65           | 59   | or        | bc.op      | 2.5                                  |
| Southport ...       | 1                    | 68           | 50   | bc.c      | o          | 4.6                                  | Bognor ...            | 6                    | 65           | 59   | o.bc      | or         | 2.8                                  |
| Midlands.           |                      |              |      |           |            |                                      | Southsea ...          | 41                   | 66           | 58   | r         | r          | 0.0                                  |
| Buxton ...          | 1                    | 63           | 48   | bc        | c.o        | 3.6                                  | Bournemouth ...       | 15                   | 65           | 55   | bc        | or         | 3.0                                  |
| Leamington Spa ...  | 1                    | 65           | 50   | m.c       | c.or       | 1.2                                  |                       |                      |              |      |           |            |                                      |
| Malvern ...         | 1                    | 65           | 49   | o.bc      | c.od       | 1.1                                  |                       |                      |              |      |           |            |                                      |
| Ross-on-Wye ...     | 1                    | 65           | 49   | o.bc      | c.od       | 1.1                                  |                       |                      |              |      |           |            |                                      |
| Wales.              |                      |              |      |           |            |                                      |                       |                      |              |      |           |            |                                      |
| Rhyl ...            | 1                    | 68           | 50   | o         | bc.c       | 5.2                                  | Weymouth ...          | 15                   | 66           | 59   | bc.c      | or.c       | 1.8                                  |
| Colwyn Bay ...      | 1                    | 67           | 56   | bc        | bc.o       | 5.0                                  | Torquay ...           | 3                    | 63           | 59   | or        | or.c       | 0.0                                  |
| Llandudno ...       | 1                    | 66           | 55   | o.c       | c.o        | 3.5                                  | Paignton ...          | 4                    | 61           | 57   | or        | bc         | 0.3                                  |
| Aberystwyth ...     | 1                    | 64           | 58   | bc.o      | bc.o       | 1.4                                  | Falmouth ...          | 1                    | 61           | 56   | o         | o.c.b      | 1.0                                  |
| Tenby ...           | 1                    | 64           | 58   | bc.o      | bc.o       | 1.4                                  | Penzance ...          | 2                    | 64           | 57   | or.c      | c.bc       | 2.5                                  |
| England, E.         |                      |              |      |           |            |                                      | Newquay ...           | 13                   | 62           | 55   | o         | o.c.op.c   | 0.7                                  |
| Cromer ...          | 0.4                  | 71           | 58   | om        | com        | 2.1                                  | Ilfracombe ...        | 0.1                  | 64           | 55   | o         | c.or       | 0.1                                  |
| Lowestoft ...       | 1                    | 67           | 60   | c.o.c     | o.bc.c     | 3.4                                  | Weston-super-Mare ... | 0.3                  | 64           | 52   | b.bc      | or         | 1.5                                  |
| Felixstowe ...      | 0.2                  | 66           | 60   | om        | c.op       | 3.1                                  |                       |                      |              |      |           |            |                                      |
| Walton-on-Naze ...  | 1                    | 66           | 59   | om.bc     | bc.or      | 2.8                                  |                       |                      |              |      |           |            |                                      |
| Southend-on-Sea ... | 1                    | 71           | 56   | c.o.bc    | bc.or      | 3.2                                  |                       |                      |              |      |           |            |                                      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |            |                   | Rain-<br>fall. | WEATHER.       |                 |        |
|--|---------------------------|-----------------------|---|--|------------|-------------------|----------------|----------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |            | Min. on<br>Grass. |                | Fore-<br>noon. | After-<br>noon. | Night. |
|  |                           |                       |   | Max.   | Min.       |                   |                |                |                 |        |
|  |                           |                       |   |  |            |                   |                |                |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |  |            |                   |                |                |                 |        |
| Greenwich (Royal Obs.) ...   | %<br>68                   | %<br>81               | Hr.<br>2.8                              | ° F.<br>72   | ° F.<br>54 | ° F.<br>50        | mm.<br>5       | c. 6c          | 0.0.0.0         | 0.7.0  |
| City (Bunhill Row) ...   | *                         | *                     |   | *  | *          | *                 | *              | *              | *               | *      |
| Westminster (St. James's Pk.)  | 71                        | 83                    | 2.6                                     | 71   | 55         | 55                | 6              | 0.0            | u. u.           | m. 6c  |
| Camden Sq. (Brit. Rainfall)  | 68                        | 81                    | 3.1                                     | 73   | 54         | 53                | 6              | 0.6c           | c. 0.0          | *      |
| Hampstead (Reservoir) ...  | *                         | 87                    | 2.9                                     | 68   | 52         | 48                | 7              | c. 0.0         | 0               | c      |
| Richmond Park  |                           |                       |   | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |            |                   |                |                |                 |        |
| Kew. (See front page.)   |                           |                       | 2.7                                     |  |            |                   |                |                |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   | Total.   |            | Average Rate.     |                | Max. Rate.     |                 |        |
| S. Kensington (Roof of M.O.)   | 64                        | 78                    | 2.1                                     | 628 Joules   |            | 144 Milliwatts.   |                | 53 Milliwatts. |                 |        |

## Additional Observations for Yesterday.

| STATIONS.                                   | RAIN-<br>FALL. | TEMPERATURE. |      |                               | WEATHER. |                |                 | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---|----------------|--------------|------|-------------------------------|----------|----------------|-----------------|---|
|   |                | In Screen.   |      | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon. | After-<br>noon. |   |
|   |                | Max.         | Min. |                               |          |                |                 |   |
|   | mm. &          | ° F.         | ° F. | ° F.                          |          |                |                 | Hr.                                     |
| Dublin to 4 p.m.                            |                |              |      |                               |          |                |                 | *                                       |
| Darwen to 9 p.m.                            |                |              |      |                               |          |                |                 |   |
| Manchester "                                |                |              |      |                               |          |                |                 |   |
| Birmingham "                                |                |              |      |                               |          |                |                 |   |
| Oxford to 8 p.m.                            |                |              |      |                               |          |                |                 |   |
| Teignmouth to 9 "                           |                |              |      |                               |          |                |                 |   |
| Plymouth "                                  | 2              | 61           | 57   | 54                            | 0.       | 0              | nc              | 0.0                                     |
| S. Kensington<br>(Museum Grounds to 6 p.m.) | 5              | 71           | 59   | 50                            | 0.0x     | 0.00c          | aug.0x          |   |

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

|               | 25 <sup>th</sup> 26 <sup>th</sup> Sep. 1915. | Sunrise. | Noon.  | Sunset. |
|---------------|--|----------|--------|---------|
|               |  | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...  | {  | 5.45     | 11.45  | 5.45    |
| Greenwich ... | {  | 5.46     | 11.44  | 5.42    |
| Wick ...      | {  | 5.52     | 11.52  | 5.52    |
| Valencia ...  | {  | 5.53     | 11.51  | 5.49    |
|               | {  | 6.4      | 12.4   | 6.3     |
|               | {  | 6.6      | 12.3   | 6.0     |
|               | {  | 6.33     | 12.33  | 6.33    |
|               | {  | 6.34     | 12.32  | 6.30    |

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° in most parts of England, and reached 71° at Westminster, Cromer and Southend-on-Sea. Rain fell in most districts, heavily at Portsmouth and Jersey. Thunder occurred at Holyhead, and lightning at Donaghadee and Scilly.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 269. Sunday, 26th September, 1915.

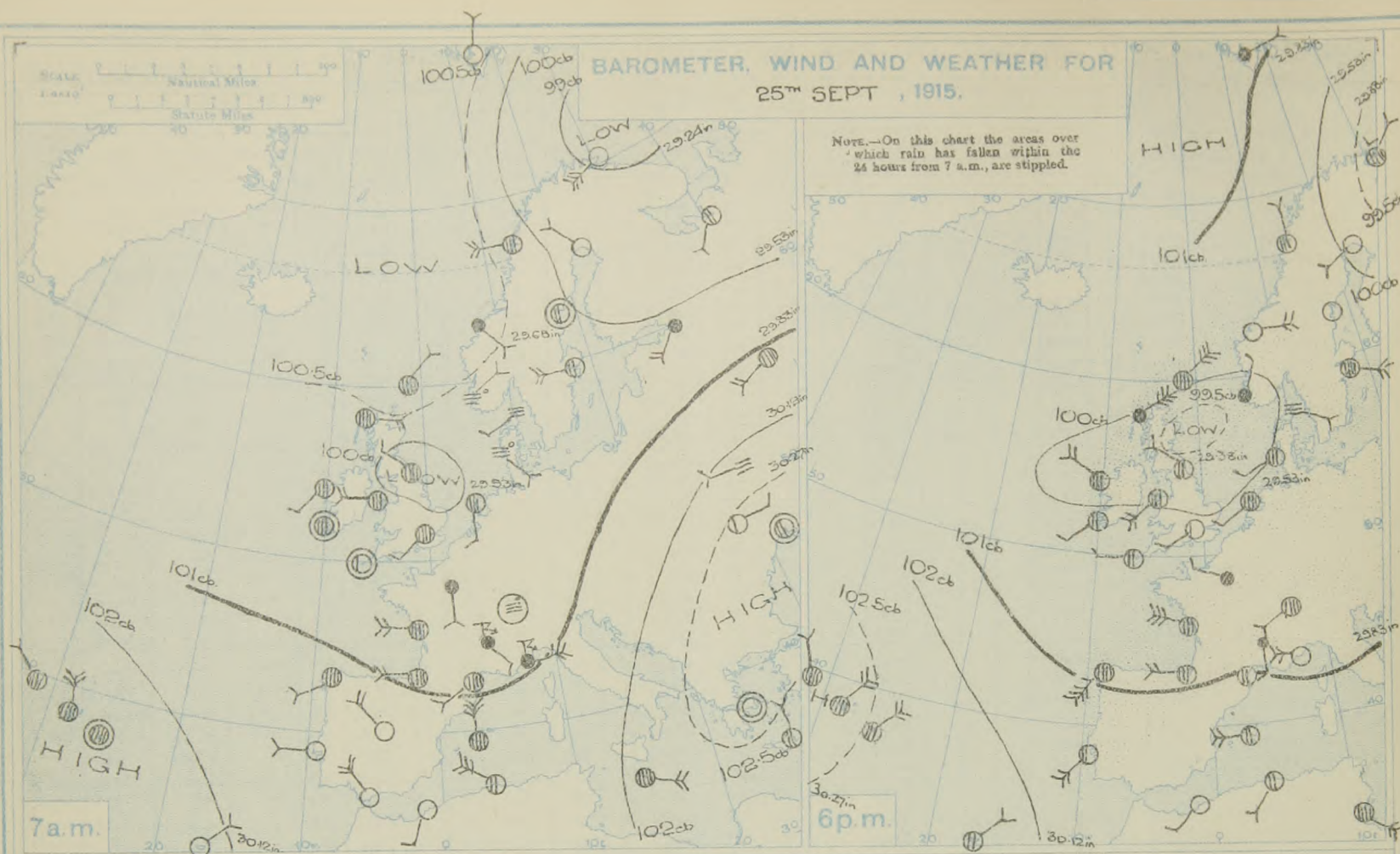
| STATIONS.        | YESTERDAY EVENING.                    |                  |        |                |          |   | THIS MORNING 7 A.M., G.M.T. |              |                           |       |                |                                 |          |             |                                     |       | PAST 24 HOURS. |                            |                |             |        |  | Sun-<br>shine<br>for<br>Yester-<br>day. |
|------------------|---------------------------------------|------------------|--------|----------------|----------|---|-----------------------------|--------------|---------------------------|-------|----------------|---------------------------------|----------|-------------|-------------------------------------|-------|----------------|----------------------------|----------------|-------------|--------|--|---|
|                  | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F.     | WIND.  |                | Weather. | Barometer.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours.    | TEMP.<br>°F. | Change<br>in 24<br>hours. | WIND. |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |                | WEATHER.                   |                |             |        |  |   |
|                  |                                       |                  | Dir.   | Force<br>0-12. |          |   |                             |              |                           | Dir.  | Force<br>0-12. |                                 |          |             |                                     | Max.  | Min.           | Morning.                   | Afternoon.     | Night.      |        |  |   |
| BRITISH ISLANDS. | Lerwick                               | 1002.0           | 51     | NE             | 6        | omq                                       | 999.2                       | +            | 48                        | -2    | NE             | 8                               | -        | om          | 7                                   | 52    | 47             | om                         | omq            | omq         | Hours. |  |   |
|                  | Deerness                              | 997.3            | 52     | NE             | 7        | ru  | 993.9                       | +            | 48                        | -4    | NNE            | 8                               | -        | om          | 6                                   | 53    | 47             | or                         | omq            | or          | 0.0    |  |   |
|                  | Stornoway                             | 1000.0           | 51     | ENE            | 6        | omq                                       | 998.9                       | +1           | 48                        | -4    | NNE            | 7                               | -        | omq         | 6                                   | 54    | 47             | or                         | omq            | omq         | 0.0    |  |   |
|                  | Castlebay (Barra Isd.)                | 998.9            | 52     | N              | 3        | op  | 997.7                       | 0            | 50                        | -6    | NNE            | 5                               | -        | o           | 5                                   | 57    | 48             | or. op                     | op. op         | op. o       | 0.0    |  |   |
|                  | Glasgow                               | 995.4            | 52     | W              | 3        | bc  | 992.4                       | -1           | 50                        | 0     | W              | 2                               | -        | o           | 9                                   | 59    | 49             | or                         | o. c           | c. op. o    | 2.0    |  |   |
|                  | Eskdalemuir                           | 996.1            | 52     | WSW            | 4        | bcq                                       | 992.8                       | 0            | 47                        | -4    | SW             | 3                               | -        | od          | 2                                   | 57    | 45             | or. o. v. o                | o. s. bcq      | bc. c. od   | 2.4    |  |   |
|                  | Malin Head                            | 998.7            | 55     | NE             | 1        | cm  | 995.6                       | -1           | 53                        | -2    | N              | 4                               | N        | omq         | 4                                   | 57    | 51             | om                         | omq            | omq         | 0.0    |  |   |
|                  | Blacksod Point                        | 999.5            | 55     | WNW            | 4        | cmp                                       | 998.9                       | +2           | 51                        | -4    | N              | 3                               | N        | omq         | 3                                   | 60    | 50             | bcv                        | omd            | cp. b. op   | 0.0    |  |   |
|                  | Valencia                              | 1000.8           | 57     | SW             | 1        | bc  | 999.8                       | 0            | 54                        | +4    | -              | 0                               | -        | od          | 4                                   | 61    | 50             | bcv                        | cv             | bc. v       | 8.1    |  |   |
|                  | Roche's Point                         | 1001.7           | 60     | NW             | 1        | c   | 999.5                       | +            | 51                        | -1    | N              | 1                               | -        | o           | 2                                   | 64    | 51             | bc. c                      | cp             | bc. o       | 2.8    |  |   |
|                  | Birr Castle                           | 999.8            | 56     | SSW            | 1        | c   | 997.6                       | +            | 49                        | -3    | SW             | 1                               | -        | c           | 4                                   | 62    | 46             | c                          | cp             | c           | 0.0    |  |   |
|                  | Donaghadee                            | 997.3            | 55     | E              | 1        | omr                                       | 994.8                       | 0            | 51                        | -4    | WNW            | 3                               | NW       | bc          | 2                                   | 58    | 50             | c. om                      | omr            | om. bc      | 8.3    |  |   |
|                  | Liverpool (Bidston)                   | 999.1            | 58     | W              | 3        | b   | 995.0                       | -1           | 54                        | 0     | WSW            | 2                               | W        | o           | 2                                   | 61    | 52             | bc                         | b              | bc. c       | 0.0    |  |   |
|                  | Holyhead                              | 999.9            | 57     | SW             | 4        | c   | 995.8                       | -1           | 55                        | -2    | W              | 3                               | W        | c           | 2                                   | 63    | 54             | cp. c. o                   | c. bc. c       | cp. bc. b   | 6.8    |  |   |
|                  | Pembroke (St. Ann's)                  | 1001.7           | 58     | WNW            | 3        | b   | 997.7                       | -2           | 54                        | -4    | N              | 1                               | -        | c           | 1                                   | 61    | 53             | bc                         | b              | b           | 9.7    |  |   |
|                  | Scilly (St. Mary's)                   | 1003.0           | 60     | W              | 1        | bc  | 997.0                       | -1           | 55                        | 0     | -              | 0                               | -        | o           | 3                                   | 65    | 54             | bc                         | bc             | bc. o       | 10.6   |  |   |
|                  | Falmouth                              | 1002.0           | 58     | SW             | 1        | b   | 997.5                       | -2           | 50                        | +3    | SW             | 1                               | -        | c           | 2                                   | 66    | 47             | b. bc. b                   | b              | bc. w       | 10.3   |  |   |
|                  | Jersey (St. Aubin)                    | 1003.5           | 61     | W              | 3        | b   | 997.5                       | +            | 58                        | +4    | S              | 3                               | -        | o           | 2                                   | 65    | 50             | bc. b                      | b              | bc. o       | 9.3    |  |   |
|                  | Portland Bill                         | 1002.7           | 60     | WSW            | 4        | b   | 997.9                       | -2           | 58                        | +1    | WSW            | 3                               | SW       | bc          | 3                                   | 61    | 55             | bc                         | bc             | bc. o       | 0.0    |  |   |
|                  | Dungeness                             | 1001.3           | 60     | WSW            | 3        | bc  | 999.1                       | 0            | 50                        | -8    | NNE            | 1                               | SW       | bc          | 2                                   | 63    | 45             | o. c. o                    | o. c. bc       | b. bc. w    | 0.0    |  |   |
| Dover            | 1001.1                                | 59               | SW     | 1              | c        | 998.6                                     | -                           | 58           | +1                        | SW    | 3              | -                               | b        | 2           | 63                                  | 49    | o. c. o        | o. c.                      | c. bc. w       | 0.4         |        |  |   |
| NORTHERN EUROPE. | Wick                                  | 996.7            | 51     | NNE            | 4        | r   | 993.3                       | 0            | 49                        | -2    | NE             | 7                               | -        | r           | 6                                   | 52    | 48             | omdr                       | omr            | omr         | 0.0    |  |   |
|                  | Nairn                                 | 995.4            | 52     | NNE            | 4        | rg  | 994.1                       | +            | 49                        | -2    | NNE            | 5                               | -        | r           | 5                                   | 52    | 48             | omq                        | qr             | rg          | 0.0    |  |   |
|                  | Aberdeen                              | 991.4            | 55     | NNE            | 2        | mc  | 989.5                       | +            | 52                        | 0     | NNE            | 1                               | -        | o           | 3                                   | 55    | 52             | omq                        | om             | me. o. o    | 0.0    |  |   |
|                  | Leith                                 | 994.2            | 55     | W              | 2        | bc  | 990.6                       | +1           | 52                        | 0     | WSW            | 3                               | W        | c           | 14                                  | 58    | 50             | or. bc                     | or. bc         | bc. c       | 0.0    |  |   |
|                  | Tynemouth                             | 996.2            | 58     | WNW            | 2        | bcw                                       | 993.4                       | -2           | 52                        | -2    | WNW            | 2                               | NW       | bc          | 2                                   | 61    | 51             | bc                         | bcw            | bc          | 0.0    |  |   |
|                  | Spurn Head                            | 998.4            | 60     | WSW            | 3        | c   | 995.4                       | ?            | 53                        | -3    | W              | 3                               | -        | bc          | 3                                   | 64    | 52             | o                          | c. o           | bc. o       | 0.1    |  |   |
|                  | Yarmouth                              | 999.8            | 60     | W              | 2        | o   | 997.5                       | 0            | 50                        | -11   | W              | 2                               | W        | bc          | 2                                   | 66    | 50             | bc                         | bc. o          | b. bc       | 2.2    |  |   |
|                  | Clacton-on-Sea                        | 1000.9           | 60     | SW             | 1        | c   | 997.3                       | 0            | 53                        | -4    | W              | 2                               | -        | b           | 1                                   | 65    | 54             | o. c                       | c              | c. bc. w    | 0.3    |  |   |
|                  | Nottingham                            | 999.3            | 60     | W              | 2        | bc  | 996.3                       | +            | 49                        | -4    | WSW            | 2                               | W        | c           | 1                                   | 67    | 46             | o. c                       | bc             | bc. b       | 7.5    |  |   |
|                  | Bath                                  | 1001.4           | 60     | W              | 1        | b   | 999.6                       | +            | 48                        | -5    | NE             | 1                               | -        | m           | 1                                   | 67    | 42             | mo. bc                     | b              | bc. w       | 8.7    |  |   |
| FRANCE, &c.      | Sth Farnborough                       | 1001.0           | 58     | -              | 0        | b   | 998.3                       | -1           | 50                        | -3    | -              | 0                               | W        | bcw         | 1                                   | 66    | 49             | o. c                       | bc. b          | bc. w       | 5.1    |  |   |
|                  | London (Kew Obsy.)                    | 1000.9           | 61     | WSW            | 1        | b   | 998.4                       | 0            | 53                        | -2    | SW             | 1                               | SW       | o           | Trace                               | 66    | 50             | c. o. c                    | b. o. c. bc. b | b. w. bc. w | 2.4    |  |   |
|                  | Spitsbergen                           | 1012.7           | 32     | E              | 2        | b   | 1018.7                      | +3           | 23                        | -7    | -              | 0                               | -        | c           | 1                                   | 34    | 19             | GALES.                     |                |             |        |  |   |
|                  | Vardö                                 | 990.7            | 34     | NE             | 2        | o   | 1000.8                      | +4           | 37                        | +5    | NE             | 2                               | -        | c           | 3                                   | 68    | 28             | Duration and Extreme Force |                |             |        |  |   |
|                  | Bodö                                  | 1007.4           | 41     | N              | 2        | c   | 1008.7                      | 0            | 37                        | -6    | -              | 0                               | -        | r           | 0                                   | 43    | 32             | in British Islands.        |                |             |        |  |   |
|                  | Christiansund                         | 1008.3           | 45     | E              | 4        | b   | 1005.9                      | 0            | 43                        | -3    | N              | 4                               | -        | c           | 2                                   | Trace | 48             |                            |                |             |        |  |   |
|                  | Skudesnaes                            | 996.7            | 55     | NNE            | 1        | r   | 993.1                       | 0            | 55                        | +1    | S              | 2                               | -        | c           | 2                                   | 14    | 61             |                            |                |             |        |  |   |
|                  | Færder (X'ania Fjord)                 | 1001.3           | 55     | SSE            | 1        | r   | 997.5                       | +1           | 46                        | -8    | NNE            | 7                               | -        | r           | 3                                   | 7     | 55             |                            |                |             |        |  |   |
|                  | The Scaw (Skagen)                     | 1000.6           | 55     | ESE            | 2        | g   | 994.7                       | -1           | 57                        | +2    | W              | 1                               | -        | g           | 1                                   | Trace | 57             |                            |                |             |        |  |   |
|                  | Blaavands Huk                         | 1000.0           | 59     | SW             | 1        | c   | 996.0                       | 0            | 55                        | 0     | W              | 0                               | -        | r           | 1                                   | 57    | 55             |                            |                |             |        |  |   |
| SOUTHERN EUROPE. | Haparanda                             | 999.8            | 37     | SW             | 2        | b   | 1002.7                      | +2           | 36                        | +2    | N              | 4                               | -        | b           | 1                                   | 45    | 27             |                            |                |             |        |  |   |
|                  | Hernösand                             | 1005.0           | 41     | -              | 0        | b   | 1005.6                      | 0            | 37                        | -11   | NW             | 2                               | -        | b           | 1                                   | 48    | 34             |                            |                |             |        |  |   |
|                  | Stockholm                             | 1003.7           | 55     | ESE            | 4        | o   | 1001.5                      | -2           | 43                        | -11   | E              | 6                               | -        | r           | 6                                   | 59    | 43             |                            |                |             |        |  |   |
|                  | Wisby                                 | 1005.2           | 57     | -              | 0        | c   | 997.3                       | -4           | 52                        | -2    | SE             | 4                               | -        | m           | 3                                   | 63    | 50             |                            |                |             |        |  |   |
|                  | Karlstad                              | 1002.9           | 54     | -              | 0        | c   | 999.3                       | -3           | 45                        | -1    | ESE            | 6                               | -        | r           | 12                                  | 59    | 41             |                            |                |             |        |  |   |
|                  | Petrograd (G.M.T.)                    | 1000.8           | 48     | WNW            | 3        | o   | 1003.7                      | +2           | 43                        | -5    | N              | 1                               | -        | o           | 2                                   | 52    | 43             |                            |                |             |        |  |   |
|                  | The Helder                            | 1000.6           | 59     | SW             | 1        | o   | 996.8                       | 0            | 59                        | 0     | SW             | 2                               | -        | c           | 1                                   | 3     | 63             |                            |                |             |        |  |   |
|                  | C. Gris Nez                           | 1001.5           | 60     | W              | 3        | c   | 998.9                       | -1           | 59                        | +1    | SW             | 4                               | -        | bc          | 3                                   | 3     | 63             |                            |                |             |        |  |   |
|                  | La Hève                               | 1002.9           | 59     | NW             | 2        | bc  | 999.4                       | +            | 52                        | -8    | SE             | 2                               | -        | m           | 2                                   | 64    | 50             |                            |                |             |        |  |   |
|                  | Ushant                                | 1005.0           | 61     | WNW            | 4        | c   | 998.6                       | +            | 56                        | -1    | N              | 2                               | -        | r           | 3                                   | 4     | 70             |                            |                |             |        |  |   |
| SOUTHERN EUROPE. | Brest (St. Mathieu)                   | 1003.5           | 63     | SSW            | 2        | bc  | 997.2                       | -1           | 57                        | -2    | E              | 2                               | -        | r           | 3                                   | 2     | 70             |                            |                |             |        |  |   |
|                  | Rochefort (Ile d'Aix)                 | 1006.6           | 63     | WNW            | 6        | c   | 993.5                       | -9           | 60                        | +1    | SE             | 6                               | -        | o           | 3                                   | 66    | 57             |                            |                |             |        |  |   |
|                  | Biarritz                              | 1009.9           | 66     | W              | 3        | c   | 1000.8                      | +1           | 64                        | +5    | W              | 7                               | -        | o           | 6                                   | 37    | 66             |                            |                |             |        |  |   |
|                  | Paris                                 | 1003.0           | 57     | WNW            | 1        | r   | 1000.7                      | +2           | 52                        | -5    | SE             | 2                               | -        | g           | 4                                   | 61    | 48             |                            |                |             |        |  |   |
|                  | Belfort                               | 1005.3           | 54     | WSW            | 2        | o   | 1005.1                      | +            | 54                        | -5    | WSW            | 4                               | -        | o           | 2                                   | 74    | 51             |                            |                |             |        |  |   |
|                  | Lyons                                 | 1007.0           | 55     | S              | 1        | r   | 1004.3                      | +            | 53                        | -2    | S              | 2                               | -        | o           | 8                                   | 59    | 51             |                            |                |             |        |  |   |
|                  | Nice                                  | 1005.2           | 59     | W              | 4        | b   | 1005.7                      | 0            | 56                        | -11   | W              | 2                               | -        | c           | 4                                   | 32    | 68             |                            |                |             |        |  |   |
|                  | Perpignan                             | 1010.4           | 61     | -              | 0        | bc  | 1003.0                      | -4           | 55                        | -4    | W              | 1                               | W        | b           | 1                                   | 73    | 34             |                            |                |             |        |  |   |
|                  | Sanguinaire                           |                  |        |                |          |   |                             |              |                           |       |                |                                 |          |             |                                     |       |                |                            |                |             |        |  |   |
|                  | SOUTHERN EUROPE.                      | Corunna (7 a.m.) | 1007.0 | 63             | SSW      | 6   | o                           | 1011.3       | +5                        | 63    | 0              | WSW                             | 6        | -           | o                                   | 6     | 4              | 70                         |                |             |        |  |   |
| Madrid (8 a.m.)  |                                       |                  |        |                |          |   |                             |              |                           |       |                |                                 |          |             |                                     |       |                |                            |                |             |        |  |   |
| Lisbon (9 a.m.)  |                                       | 1017.7           | 70     | SW             | 5        | bc  | 1016.0                      | +1           | 64                        | 0     | W              | 2                               | W        | bc          | 6                                   | 2     | 72             |                            |                |             |        |  |   |
| Gibraltar        |                                       |                  |        |                |          |   |                             |              |                           |       |                |                                 |          |             |                                     |       |                |                            |                |             |        |  |   |
| Rome             |                                       |                  |        |                |          |   |                             |              |                           |       |                |                                 |          |             |                                     |       |                |                            |                |             |        |  |   |
| SOUTHERN EUROPE. | Malta (8 a.m.)                        |                  |        |                |          |   | 1014.0                      | +1           | 75                        | +3    | WSW            | 3                               | -        | b           |                                     | 77    | 72             |                            |                |             |        |  |   |
|                  | Azores (Horta, 8 a.m.)                | 1025.7           | +      | NNE            | 4        | o   | 1027.5                      | 0            | 63                        | -2    | -              | 0                               | -        | o           | 2                                   | 70    | 63             |                            |                |             |        |  |   |
| SOUTHERN EUROPE. | Madeira (Funchal)                     | 1021.6           | 73     | NE             | 2        | bc  | 1022.3                      | +1           | 68                        | +2    | NE             | 3                               | N        | bc          | 3                                   | 75    | 66             |                            |                |             |        |  |   |

\* Information for these columns not usually received.

† Received too late for insertion in Chart.

‡ The barometric change is expressed in half-millibars.





**FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Coast.               | South Coast.                  |
| North Coast.               | North Coast.                  |

Cones Hoisted Yesterday 2 p.m.

Western Channel and Bay 11

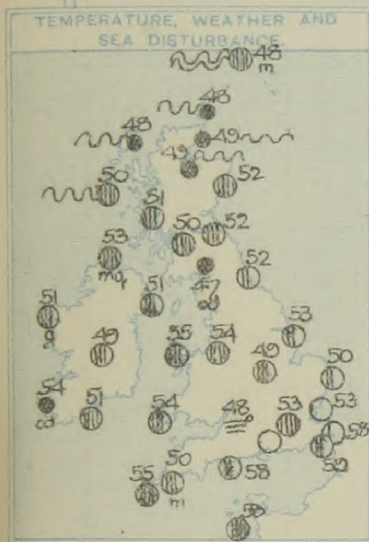
- |    |  |
|----|--|
| 0  | a } North-Easterly gale subsiding gradually; rainy at first, some improvement later; cool. |
| 1  | b } Light or moderate Westerly winds; mostly fair  |
| 2  | a } but some local showers; cool   |
| 3  | b } Light or moderate winds from West or South-West.                                       |
| 4  | a } shifting later to South-East or East; fair to-day, some                                |
| 5  | b } showers to-morrow; rather cool.  |
| 6  | a } Moderate Northerly or North-Westerly winds; cool,                                      |
| 7  | b } changeable, some showers   |
| 8  | a } Light North-Westerly winds, backing later to South                                     |
| 9  | b } West or South; fair at first, some rain later; cool.                                   |
| 10 | a } Light variable airs; cool; cloudy, misty, some   |
| 11 | b } showers  |
| 12 | a } Moderate Northerly and North-Westerly winds; cool;                                     |
| 13 | b } cloudy, some showers.  |
| 14 | a } Light variable airs; cool; cloudy, occasional rain                                     |
| 15 | b } Freshening winds from West or North-West with a  |
| 16 | rather rough sea; squally, some rain; cool.  |

**FURTHER OUTLOOK.**



• GENERAL INFERENCE.

The depression off the east of Scotland is likely to disperse gradually. A new depression which has appeared off the west of France will spread Northwards and occasion unsettled weather to-morrow over our southern counties.



EXPLANATION.

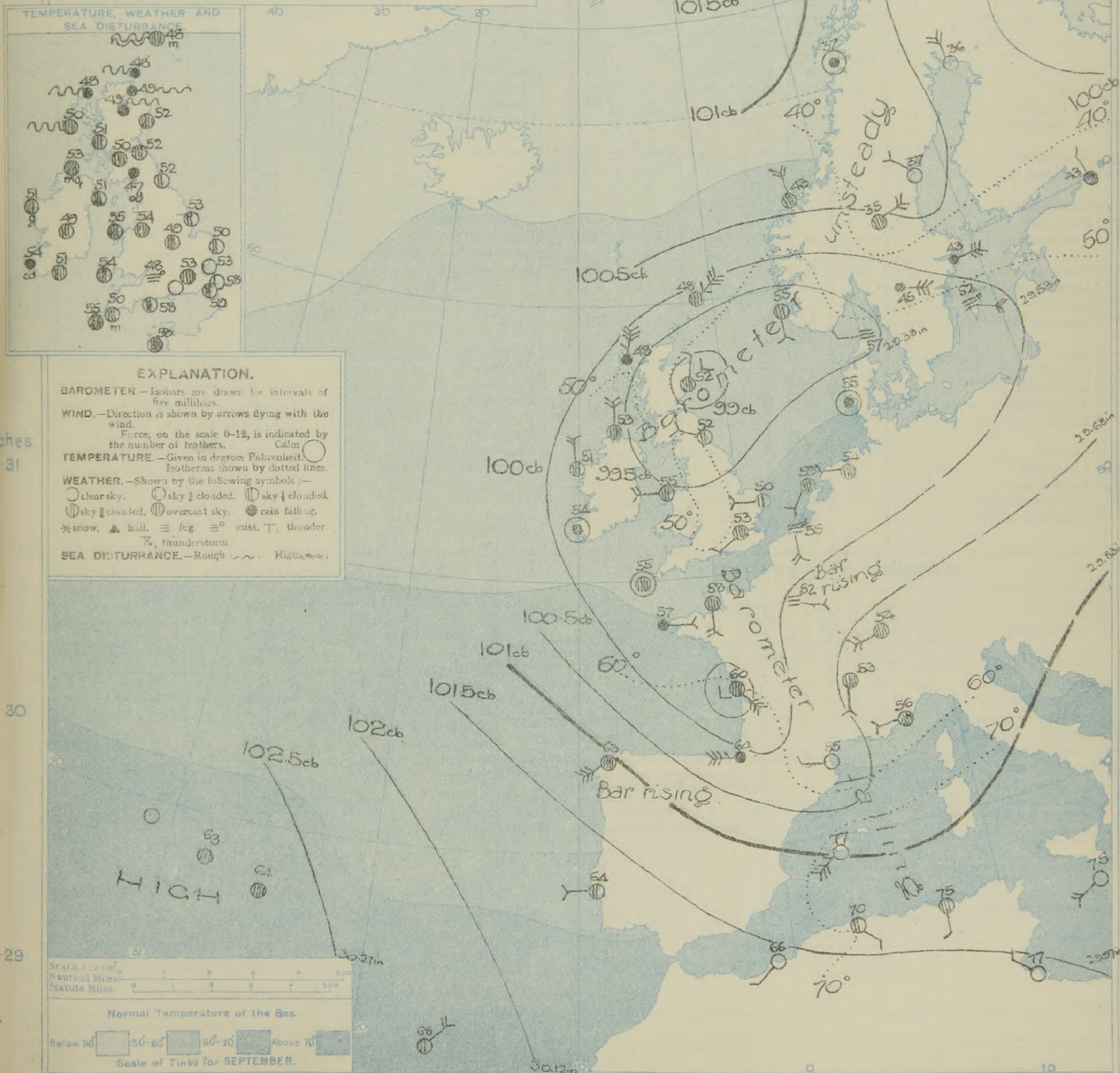
BAROMETER.—Isobars are drawn for intervals of five millibars.

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 1/2 clouded. ○ sky 3/4 clouded.  
 ○ sky 1/2 clouded. ○ overcast sky. ○ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 ⚡, thunderstorm.

SEA DISTURBANCE.—Rough ~~~. High ~~~.





## DAILY WEATHER REPORT.

Sunday, 26th September, 1915.

REPORTS  
FOR  
YESTERDAY.

25th September, 1915.

| STATIONS.  | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |                      |                                   |        |                |                                 |          |             |                                     |       |      |
|------------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|----------------------|-----------------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|-------|------|
|            | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.                |                                   | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |      |
|            |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb.<br>° F. | Change<br>in 24<br>hours.<br>° F. | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.  | Min. |
| Petrograd. | 1007.5                                | 50    | w      | 3              | c        | 1000.6                         | -6                       | 48                   | 0                                 | sw     | 3              | -                               | r        | *           | 5                                   | 55    | 46   |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm.† | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm.† | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|---------------------|-------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|-------------------|--------------|------|-----------|------------|--------------------------------------|
|                     |                   | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                   | Max.         | Min. | Forenoon. | Afternoon. |                                      |
| Scotland.           |                   | ° F.         | ° F. |           |            |                                      | Tunbridge Wells ...   |                   | ° F.         | ° F. |           |            |                                      |
| Oban ...            | ...               | 59           | 50   | r         | o          | 0.0                                  | Margate ...           | ...               | 64           | 53   | bc.c      | o.bc.b     | 1.4                                  |
| Banff ...           | 20                | 55           | 46   | r         | rq         | 0.0                                  | Ramsgate ...          | ...               | 64           | 55   | c         | c          | 0.8                                  |
| Carnoustie ...      | 12                | 55           | 50   | r         | r          | 0.0                                  | Hastings ...          | ...               | 64           | 56   | op.bc     | o.bc.b     | 1.2                                  |
| St. Andrews ...     | ...               | ...          | ...  | *         | *          | ...                                  | Bexhill-on-Sea ...    | ...               | ...          | ...  | ...       | ...        | ...                                  |
| Eng. N.E.           |                   |              |      |           |            |                                      | Eastbourne ...        | ...               | 64           | 57   | o         | o          | 0.0                                  |
| Harrogate ...       | 16                | 62           | 53   | o.c.bc    | bc.b       | 5.6                                  | Seaford ...           | ...               | 64           | 50   | b         | c          | 2.6                                  |
| Skegness ...        | 2                 | ?            | ?    | o.c       | bc.o       | 0.2                                  | Brighton ...          | ...               | 63           | 56   | bc.c.o    | o.c.bc.b   | 2.3                                  |
| Eng. N.W.           |                   |              |      |           |            |                                      | Worthing ...          | ...               | 65           | 53   | bc        | b          | 2.2                                  |
| Morecambe ...       | ...               | ...          | ...  | ...       | ...        | ...                                  | Littlehampton ...     | ...               | 65           | 52   | o.bc      | a          | 4.5                                  |
| Blackpool ...       | ...               | ...          | ...  | ...       | ...        | ...                                  | Bognor ...            | ...               | 66           | 53   | bc        | bc         | 6.0                                  |
| Southport ...       | 11                | 62           | 50   | op.c.bc   | bc.b       | 7.8                                  | Southsea ...          | ...               | ...          | ...  | ...       | ...        | ...                                  |
| Midlands.           |                   |              |      |           |            |                                      | Bournemouth ...       | 3                 | 65           | 49   | c.bc      | bc         | 7.0                                  |
| Buxton ...          | 6                 | 62           | 50   | bc        | bc         | 5.9                                  | England, S.E.         |                   |              |      |           |            |                                      |
| Leamington Spa ...  | 17                | 66           | ?    | c.bc      | bc.cclp    | 5.7                                  | Weymouth ...          | 1                 | 66           | 53   | bc.b      | b.bcg      | 9.6                                  |
| Malvern ...         | ...               | ...          | ...  | ...       | ...        | ...                                  | Torquay ...           | ...               | 67           | 49   | b.bc      | bc.b.      | 9.8                                  |
| Ross-on-Wye ...     | 7                 | 69           | 48   | bc.m      | bc.b.      | 9.1                                  | Paignton ...          | ...               | 67           | 46   | b         | b          | 9.9                                  |
| Wales.              |                   |              |      |           |            |                                      | Falmouth ...          | ...               | 66           | 47   | b.bc.b    | b.         | 10.0                                 |
| Rhyl ...            | ...               | ...          | ...  | ...       | ...        | ...                                  | Penzance ...          | ...               | 67           | 50   | bc        | bc.b       | 9.0                                  |
| Colwyn Bay ...      | ...               | ...          | ...  | ...       | ...        | ...                                  | Newquay ...           | 0.3               | 64           | 45   | bc        | bc         | 10.5                                 |
| Llandudno ...       | ...               | ...          | ...  | ...       | ...        | ...                                  | Ilfracombe ...        | 4                 | 62           | 53   | bc.p      | bc         | 9.5                                  |
| Aberystwyth ...     | 6                 | 62           | 55   | r.c       | c.b        | 9.0                                  | England, S.W.         |                   |              |      |           |            |                                      |
| Tenby ...           | 1                 | 65           | 44   | bc.o      | bc         | 9.1                                  | Weston-super-Mare ... | ...               | ...          | ...  | ...       | ...        | ...                                  |
| England, E.         |                   |              |      |           |            |                                      |                       |                   |              |      |           |            |                                      |
| Cromer ...          | 1                 | 64           | 55   | om        | om         | 1.0                                  |                       |                   |              |      |           |            |                                      |
| Lowestoft ...       | ...               | ...          | ...  | ...       | ...        | ...                                  |                       |                   |              |      |           |            |                                      |
| Felixstowe ...      | 2                 | 64           | 57   | cm        | cm         | 0.8                                  |                       |                   |              |      |           |            |                                      |
| Walton-on-Naze ...  | ...               | 64           | 56   | bc.c.og   | og.o.cm    | 0.4                                  |                       |                   |              |      |           |            |                                      |
| Southend-on-Sea ... | 1                 | 69           | 54   | c.o.bc    | bc.c.bc    | 0.8                                  |                       |                   |              |      |           |            |                                      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE. |                   | Rain-<br>fall.<br>mm.† | WEATHER.       |                 |             |
|--|---------------------------|-----------------------|---|--------------|-------------------|------------------------|----------------|-----------------|-------------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   | Min. on<br>Grass. |                        | Fore-<br>noon. | After-<br>noon. | Night.      |
|  | %                         | %                     |   | Max.         | Min.              |                        |                |                 |             |
| Greenwich (Royal Obs.) ...   | 68                        | 88                    | 2.3                                     | 67           | 46                | 57                     | c              | c.o.c           | c.bc.b.f    |
| City (Bunhill Row) ...   | *                         | *                     | 1.3                                     | *            | *                 | *                      | *              | *               | *           |
| Westminster (St. James's Pk.)  | 71                        | 94                    | 1.8                                     | 65           | 42                | 47                     | bc.o           | o.bc            | bc.o        |
| Camden Sq. (Brit. Rainfall)  | 71                        | 89                    | 1.8                                     | 66           | 50                | 46                     | bc.c           | bc              | *           |
| Hampstead (Reservoir) ...  | *                         | 100                   | 2.6                                     | 62           | 47                | 37                     | bc             | bc.ome          | bc          |
| Richmond Park ...  | *                         | *                     | 2.2                                     |              |                   |                        |                |                 |             |
| Kew. (See front page.)   |                           |                       |   |              |                   |                        |                |                 |             |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   |              |                   |                        |                |                 |             |
| S. Kensington (Roof of M.O.)   | 59                        | 86                    | 2.5                                     | 911          | Joules            | 241                    | Milliwatts.    | 444             | Milliwatts. |

## Additional Observations for Yesterday.

| STATIONS.                                   | RAIN-<br>FALL. | TEMPERATURE. |      | Night<br>Min.<br>on<br>Grass. | WEATHER. |                | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---|----------------|--------------|------|-------------------------------|----------|----------------|---|
|   |                | In Screen.   | Min. |                               | Night.   | Fore-<br>noon. |   |
|   |                | Max.         | Min. |                               |          |                |   |
| Dublin to 4 p.m.                            | 5              | 64           | 53   | 50                            | bc.bc    | o.c.b          | c.b                                     |
| Darwin to 9 p.m.                            | 0.3            | 62           | 51   | 48                            | om       | om.p.b         | bc.ou                                   |
| Manchester "                                |                |              |      |                               |          |                |   |
| Birmingham "                                | 4              | 66           | 50   | 44                            | c        | or             | c                                       |
| Oxford to 8 p.m.                            | *              | 65           | 50   | 47                            | or.om    | om.c.bc        | bc.b                                    |
| Teignmouth to 9 "                           | -              | 69           | 46   | 45                            | bc.f     | bc             | bc                                      |
| Plymouth "                                  | 0.2            | 62           | 50   | *                             | bc       | bc.f           | bcg                                     |
| S. Kensington<br>(Museum Grounds to 6 p.m.) | 0.1            | 64           | 55   | 51                            | or.o     | o.c.bc         | c.bc                                    |

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

| ... 26th Sept. 1915. | Sunrise. | Noon.  | Sunset. |
|----------------------|----------|--------|---------|
| G.M.T.               | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...         | 5.46     | 11.44  | 5.42    |
| Greenwich ...        | 5.53     | 11.51  | 5.49    |
| Wick ...             | 6.6      | 12.3   | 6.0     |
| Valencia ...         | 6.34     | 12.12  | 6.30    |

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded;  
c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail;  
l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder;  
u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 65° and upwards at most of the English stations and to 69° at Southend-on-Sea and Ross-on-Wye; in the north of Scotland it did not reach 55°. Heavy rain was experienced in Scotland; at Nairn the measurement amounted to as much as 96 mm.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 270. Monday, 27th September, 1915.

| DATE.            | STATIONS.              | YESTERDAY EVENING.                    |              |        |                |          | THIS MORNING 7 A.M., G.M.T. |                          |              |                           |        |                |                |                                 |          |             | PAST 24 HOURS.                      |       |             |           |             |        | Sun-<br>shine<br>for<br>Yester-<br>day. |
|------------------|------------------------|---------------------------------------|--------------|--------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|--------|----------------|----------------|---------------------------------|----------|-------------|-------------------------------------|-------|-------------|-----------|-------------|--------|---|
|                  |                        | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.  |                | Weather. | Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | WIND.  |                | Force<br>0-12. | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |             | WEATHER.  |             |        |   |
|                  |                        |                                       |              | Direc. | Force<br>0-12. |          |                             |                          |              |                           | Direc. | Force<br>0-12. |                |                                 |          |             |                                     | Max.  | Min.        | Morning.  | Afternoon.  | Night. |   |
| BRITISH ISLANDS. | Lerwick ...            | 1000.3                                | 48           | NE     | 8              | cmg      | 1004.6                      | +1                       | 46           | -2                        | NNE    | 6              | NE             | bcg                             | 5        | 0.2         | 49                                  | 44    | omg         | omg       | c. bcg      | Hours. |   |
|                  | Deerness ...           | ?                                     | 47           | NNE    | 7              | r        | 1003.7                      | ?                        | 45           | -3                        | N      | 5              | N              | bc                              | 4        | 13          | 50                                  | 44    | omg         | omg       | r.o.c.b.    | 0.0    |   |
|                  | Stornoway ...          | 1004.2                                | 48           | NE     | 7              | cg       | 1009.0                      | +2                       | 42           | -6                        | NNE    | 5              | N              | bcg                             | 5        | 2           | 50                                  | 42    | omg         | omg       | op. bcg     | 0.0    |   |
|                  | Castlebay (Barra Isd.) | 1003.4                                | 50           | NNE    | 5              | cg       | 1009.2                      | +4                       | 47           | -3                        | NNW    | 5              | N              | bmq                             | 5        | 0.4         | 52                                  | 46    | op. cg      | cg        | c. bcg      | 0.1    |   |
|                  | Glasgow ...            | 996.3                                 | 50           | N      | 3              | c        | 1004.5                      | +5                       | 45           | -5                        | NNE    | 3              | N              | b                               | ?        | ?           | 58                                  | 42    | c. bc. c. o | c. o. c   | c. o. b     | 2.3    |   |
|                  | Eskdalemuir ...        | 995.3                                 | 50           | N      | 3              | o        | 1001.9                      | +5                       | 43           | -4                        | NNE    | 6              | W              | bc                              | ?        | ?           | 55                                  | 43    | ad. o. c    | cg        | o. cg       | 1.1    |   |
|                  | Malin Head ...         | 998.9                                 | 52           | NNE    | 8              | omg      | 1006.5                      | +3                       | 51           | -2                        | NNE    | 6              | N              | cg                              | 7        | 1           | 54                                  | 50    | cg          | omg       | cg          | 0.6    |   |
|                  | Blacksod Point         | 1003.9                                | 52           | N      | 6              | omg      | 1010.8                      | +4                       | 48           | -3                        | N      | 5              | N              | cg                              | 5        | 2           | 58                                  | 46    | cg          | omg       | omg         | ?      |   |
|                  | Valencia ...           | 1003.7                                | 57           | NNW    | 5              | c        | 1010.7                      | +4                       | 53           | -1                        | N      | 3              | N              | cg                              | 5        | 0.4         | 61                                  | 52    | op. c       | op. c     | c. op. c. b | 4.8    |   |
|                  | Roche's Point          | 1002.3                                | 58           | N      | 4              | c        | 1008.5                      | ?                        | 53           | +2                        | NNW    | 5              | N              | bc                              | 4        | 1           | 63                                  | 51    | o. cg       | cg        | bcg         | ?      |   |
|                  | Birr Castle ...        | 1000.2                                | 53           | NW     | 2              | c        | 1007.8                      | ?                        | 49           | 0                         | NW     | 3              | N              | c                               | ?        | ?           | 60                                  | 48    | c           | c         | c           | 4.4    |   |
|                  | Donaghadee             | 995.8                                 | 54           | NNW    | 5              | c        | 1004.1                      | +6                       | 49           | -2                        | NNW    | 5              | N              | bcg                             | 4        | 0.2         | 58                                  | 49    | ?           | h. c      | cg. bcg     | ?      |   |
|                  | Liverpool (Bidston)    | 995.6                                 | 54           | W      | 3              | bc       | 1000.5                      | +6                       | 50           | -4                        | N      | 3              | NE             | cg                              | 3        | 2           | 59                                  | 50    | op. c       | bc        | o           | 5.6    |   |
|                  | Holyhead ...           | 996.1                                 | 55           | NW     | 5              | c        | 1002.2                      | +4                       | 53           | -2                        | NNE    | 6              | NE             | cg                              | 5        | 1           | 60                                  | 52    | c. bc. c    | c. bc. op | op. o       | 3.8    |   |
|                  | Pembroke (St. Ann's)   | 997.9                                 | 56           | NNW    | 4              | c        | 1003.6                      | +2                       | 50           | -4                        | NNW    | 4              | N              | cg                              | 4        | 3           | 59                                  | 50    | c           | c         | cg          | 0.2    |   |
|                  | Silly (St. Mary's)     | 998.8                                 | 57           | NNW    | 4              | c        | 1004.9                      | +2                       | 53           | -2                        | NNW    | 6              | NW             | cg                              | 6        | 2           | 62                                  | 50    | c           | cg        | cg. cg      | 0.9    |   |
|                  | Falmouth ...           | 998.8                                 | 57           | NNW    | 2              | bc       | 1003.5                      | +3                       | 52           | +2                        | NNW    | 3              | NW             | c                               | 4        | 3           | 62                                  | 50    | c. ad. bc   | bc        | bc. cg      | 2.6    |   |
|                  | Jersey (St. Aubin)     | 997.0                                 | 59           | NW     | 2              | c        | 1001.0                      | ?                        | 57           | -1                        | NNW    | 3              | NW             | bc                              | 2        | 1           | 62                                  | 55    | op          | cg. o. c  | c. bc       | 0.1    |   |
|                  | Portland Bill ...      | 997.3                                 | 57           | W      | 4              | c        | 999.2                       | +2                       | 55           | -3                        | NW     | 5              | NW             | c                               | 4        | ?           | 64                                  | 55    | bc. c       | bc. c     | c           | ?      |   |
|                  | Dungeness ...          | 996.7                                 | 60           | SW     | 2              | c        | 997.7                       | +2                       | 52           | +2                        | NW     | 3              | W              | c                               | 2        | ?           | 63                                  | 49    | bc          | bc        | bc. c. o. c | ?      |   |
|                  | Dover ...              | 996.5                                 | 57           | SW     | 1              | c        | 998.9                       | 0                        | 52           | -6                        | NW     | 3              | N              | c                               | 4        | 0.2         | 63                                  | 52    | b. bc. c    | bc. c     | c           | 8.7    |   |
| NORTH EUROPE.    | Wick ...               | 997.2                                 | 47           | NE     | 7              | r        | 1004.2                      | +3                       | 47           | -2                        | ENE    | 5              | NE             | c                               | 6        | 20          | 49                                  | 45    | omg         | omg       | omg. cg     | ?      |   |
|                  | Nairn ...              | 998.9                                 | 47           | N      | 4              | r        | 1006.1                      | ?                        | 45           | -4                        | N      | 3              | N              | cg                              | 4        | 43          | 49                                  | 44    | qr          | qr        | qr. p. r    | 0.0    |   |
|                  | Aberdeen ...           | 993.7                                 | 50           | NW     | 4              | odm      | 1002.4                      | +3                       | 46           | -6                        | NNW    | 4              | N              | c                               | 3        | 4           | 56                                  | 46    | od          | odm       | odg. c      | 0.1    |   |
|                  | Leith ...              | 994.3                                 | 53           | NW     | 2              | r        | 1003.4                      | +5                       | 48           | -4                        | NNW    | 3              | NW             | c                               | ?        | 1           | 56                                  | 47    | c. cg       | cg. or    | o. c        | ?      |   |
|                  | Tynemouth ...          | 993.1                                 | 56           | NW     | 2              | cg       | 998.6                       | +4                       | 48           | -4                        | NNW    | 3              | N              | cdg                             | 5        | 1           | 60                                  | 48    | bc          | cg        | omg         | ?      |   |
|                  | Spurn Head ...         | 993.9                                 | 56           | NNW    | 3              | bc       | 996.3                       | +1                       | 52           | -1                        | N      | 6              | N              | cg                              | 6        | 1           | 64                                  | 51    | bc. cg      | bc        | bcg         | 5.5    |   |
|                  | Yarmouth ...           | 993.8                                 | 58           | WSW    | 3              | bc       | 995.6                       | +2                       | 49           | -1                        | NNW    | 2              | NW             | bcg                             | 2        | ?           | 66                                  | 49    | bc          | bcg       | c. bc       | 9.1    |   |
|                  | Clacton-on-Sea         | 995.7                                 | 61           | S      | 3              | bc       | 997.3                       | +1                       | 52           | -1                        | NNW    | 2              | W              | c                               | 1        | ?           | 64                                  | 51    | bc. bc      | bc        | bc. c       | 6.5    |   |
|                  | Nottingham ...         | 994.9                                 | 57           | NW     | 3              | o        | 998.6                       | ?                        | 51           | +2                        | NNW    | 2              | N              | om                              | ?        | Trace       | 64                                  | 49    | c. o        | c. o      | o. c        | 5.4    |   |
|                  | Bath ...               | 997.9                                 | 57           | W      | 1              | o        | 999.7                       | ?                        | 52           | +4                        | W      | 1              | NW             | o                               | ?        | 0.2         | 65                                  | 47    | m. bc. o    | o         | o. c. r     | 3.1    |   |
| FRANCE, &c.      | Sth Farnborough        | 996.0                                 | 56           | WSW    | 1              | c        | 998.7                       | +3                       | 51           | +1                        | W      | 1              | NW             | omw                             | ?        | Trace       | 66                                  | 50    | bcw         | c         | c. o        | 3.1    |   |
|                  | London (Kew Obsy.)     | 996.0                                 | 60           | L      | 0              | c        | 998.7                       | +2                       | 53           | 0                         | W      | 1              | N              | om                              | ?        | ?           | 66                                  | 52    | cg. bc      | bc. cw. c | cg. om      | 5.2    |   |
|                  | Spitsbergen ...        | 1021.1                                | 25           | -      | 0              | c        | 1022.4                      | +1                       | 18           | -5                        | SE     | 3              | S              | f                               | ?        | ?           | 27                                  | 18    | ?           | ?         | ?           | ?      |   |
|                  | Vardö ...              | 1007.9                                | 37           | NE     | 2              | c        | 1013.1                      | +2                       | 36           | -1                        | NE     | 3              | N              | r                               | 3        | ?           | 39                                  | 28    | ?           | ?         | ?           | ?      |   |
|                  | Bodö ...               | 1011.3                                | 37           | -      | 0              | b        | 1013.1                      | 0                        | 36           | -1                        | NE     | 1              | N              | b                               | 1        | ?           | 43                                  | 32    | ?           | ?         | ?           | ?      |   |
|                  | Christiansund          | 1004.6                                | 45           | NE     | 4              | b        | 1002.9                      | 0                        | 41           | -2                        | NE     | 6              | N              | c                               | 3        | ?           | 46                                  | 41    | ?           | ?         | ?           | ?      |   |
|                  | Skudesnaes ..          | 994.4                                 | 46           | ENE    | 2              | r        | 994.3                       | 0                        | 46           | -9                        | ENE    | 2              | N              | b                               | 2        | 23          | 55                                  | 45    | ?           | ?         | ?           | ?      |   |
|                  | Færder (Xtania Fjord)  | 996.6                                 | 43           | NNE    | 6              | r        | 995.8                       | 0                        | 41           | -5                        | NNE    | 6              | N              | r                               | 2        | 23          | 46                                  | 39    | ?           | ?         | ?           | ?      |   |
|                  | The Scaw (Skagen)      | 991.8                                 | 62           | E      | 5              | m        | 992.0                       | 0                        | 46           | -11                       | NNE    | 4              | N              | m                               | 4        | 8           | 59                                  | 46    | ?           | ?         | ?           | ?      |   |
|                  | Blaavands Huk          | 994.3                                 | 57           | WSW    | 1              | m        | 992.0                       | 0                        | 55           | 0                         | WSW    | 1              | N              | o                               | 2        | 6           | 59                                  | 46    | ?           | ?         | ?           | ?      |   |
| SOUTHERN EUROPE. | Haparanda ...          | ...                                   | ...          | ...    | ...            | ...      | ...                         | ...                      | ...          | ...                       | ...    | ...            | ...            | ...                             | ...      | ...         | ...                                 | ...   | ...         | ...       | ...         | ...    |   |
|                  | Hernösand ...          | ...                                   | ...          | ...    | ...            | ...      | ...                         | ...                      | ...          | ...                       | ...    | ...            | ...            | ...                             | ...      | ...         | ...                                 | ...   | ...         | ...       | ...         | ...    |   |
|                  | Stockholm ...          | ...                                   | ...          | ...    | ...            | ...      | ...                         | ...                      | ...          | ...                       | ...    | ...            | ...            | ...                             | ...      | ...         | ...                                 | ...   | ...         | ...       | ...         | ...    |   |
|                  | Wisby ...              | ...                                   | ...          | ...    | ...            | ...      | ...                         | ...                      | ...          | ...                       | ...    | ...            | ...            | ...                             | ...      | ...         | ...                                 | ...   | ...         | ...       | ...         | ...    |   |
|                  | Karlstad ...           | ...                                   | ...          | ...    | ...            | ...      | ...                         | ...                      | ...          | ...                       | ...    | ...            | ...            | ...                             | ...      | ...         | ...                                 | ...   | ...         | ...       | ...         | ...    |   |
|                  | Petrograd (G.M.T.)     | ...                                   | ...          | ...    | ...            | ...      | ...                         | ...                      | ...          | ...                       | ...    | ...            | ...            | ...                             | ...      | ...         | ...                                 | ...   | ...         | ...       | ...         | ...    |   |
|                  | The Helder ...         | 995.8                                 | 59           | SW     | 3              | c        | 994.3                       | +1                       | 59           | 0                         | NNW    | 4              | N              | c                               | 2        | ?           | 63                                  | 54    | ?           | ?         | ?           | ?      |   |
|                  | C. Gris Nez ...        | 996.0                                 | 59           | SW     | 2              | c        | 997.6                       | +2                       | 56           | -3                        | NNW    | 3              | N              | o                               | 2        | ?           | 63                                  | 55    | ?           | ?         | ?           | ?      |   |
|                  | La Hève ...            | 996.2                                 | 55           | ENE    | 2              | bc       | 997.9                       | ?                        | 57           | +5                        | NW     | 3              | N              | o                               | 4        | ?           | 68                                  | 48    | ?           | ?         | ?           | ?      |   |
|                  | Ushant ...             | 999.9                                 | 59           | N      | 4              | c        | 1004.0                      | ?                        | 57           | +1                        | N      | 6              | N              | o                               | 7        | 2           | 61                                  | 52    | ?           | ?         | ?           | ?      |   |
| SOUTHERN EUROPE. | Brest (St. Mathieu)    | 1000.6                                | 57           | NW     | 2              | o        | 1004.8                      | +3                       | 57           | 0                         | NNW    | 6              | N              | bc                              | 7        | 5           | 63                                  | 57    | ?           | ?         | ?           | ?      |   |
|                  | Rochefort (Ile d'Aix)  | 999.9                                 | 59           | NNW    | 7              | r        | 1003.4                      | +3                       | 59           | -1                        | NW     | 3              | N              | bc                              | ?        | 7           | 72                                  | 57    | ?           | ?         | ?           | ?      |   |
|                  | Biarritz ...           | 1006.0                                | 64           | WSW    | 6              | o        | 1004.8                      | +1                       | 60           | -14                       | SSW    | 3              | N              | bc                              | 5        | 3           | 68                                  | 57    | ?           | ?         | ?           | ?      |   |
|                  | Paris ...              | 994.0                                 | 59           | NE     | 1              | o        | 999.9                       | +4                       | 55           | +3                        | WSW    | 2              | N              | o                               | ?        | ?           | 63                                  | 52    | ?           | ?         | ?           | ?      |   |
|                  | Belfort ...            | 999.8                                 | 54           | E      | 2              | o        | 1000.3                      | ?                        | 52           | -2                        | WSW    | 7              | N              | r                               | ?        | 14          | 59                                  | 51    | ?           | ?         | ?           | ?      |   |
|                  | Lyons ...              | 1009.5                                | 60           | SSW    | 3              | c        | 1004.4                      | ?                        | 55           | +2                        | SW     | 2              | N              | o                               | ?        | 2           | 66                                  | 53    | ?           | ?         | ?           | ?      |   |
|                  | Nice ...               | 1002.7                                | 59           | W      | 1              | b        | 1002.0                      | 0                        | 63           | +7                        | -      | ?              | ?              | o                               | 4        | ?           | 70                                  | 55    | ?           | ?         | ?           | ?      |   |
|                  | Perpignan ...          | 1005.2                                | 68           | NW     | 3              | o        | 1005.3                      | +2                       | 54           | -1                        | -      | 0              | SW             | bc                              | ?        | 2           | 79                                  | 54    | ?           | ?         | ?           | ?      |   |
|                  | Sanguinaire ...        | ...                                   | ...          | ...    | ...            | ...      | ...                         | ...                      | ...          | ...                       | ...    | ...            | ...            | ...                             | ...      | ...         | ...                                 | ...   | ...         | ...       | ...         | ...    |   |
|                  | Corunna (7 a.m.)       | 1010.4                                | 63           | WSW    | 6              | o        | 1015.9                      | +8                       | 62           | 0                         | NW     | 4              | N              | b                               | 5        | 6           | 66                                  | 59    | ?           | ?         | ?           | ?      |   |
| SOUTHERN EUROPE. | Madrid (8 a.m.)        | ...                                   | ...          | ...    | ...            | ...      | ...                         | ...                      | ...          | ...                       | ...    | ...            | ...            | ...                             | ...      | ...         | ...                                 | ...   | ...         | ...       | ...         | ...    |   |
|                  | Lisbon (9 a.m.)        | 1017.6                                | 68           | NNW    | 5              | bc       | 1018.3                      | +2                       | 63           | -1                        | NNW    | 4              | N              | b                               | 6        | ?           | 70                                  | 63    | ?           | ?         | ?           | ?      |   |
|                  | Gibraltar ...          | 1015.6                                | 69           | NW     | 4              | b        | 1017.9                      | ?                        | 63           | ?                         | NW     | 4              | N              | b                               | 3        | ?           | 75                                  | 62    | ?           | ?         | ?           | ?      |   |
|                  | Rome ...               | ...                                   | ...          | ...    | ...            | ...      | ...                         | ...                      | ...          | ...                       | ...    | ...            | ...            | ...                             | ...      | ...         | ...                                 | ...   | ...         | ...       | ...         | ...    |   |
| SOUTHERN EUROPE. | Malta (8 a.m.)         | ...                                   | ...          | ...    | ...            | ...      | 1009.6                      | 0                        | 79           | +4                        | SW     | 5              | W              | b                               | 2        | ?           | 82                                  | 73    | ?           | ?         | ?           | ?      |   |
|                  | Azores (Horta, 8 a.m.) | 1026.4                                | ?            | -      | 0              | c        | 1026.3                      | +2                       | 64           | +1                        | -      | 0              | ?              | o                               | 2        | 3           | 73                                  | 63    | ?           | ?         | ?           | ?      |   |
| SOUTHERN EUROPE. | Madeira (Funchal)      | 1020.6                                | 73           | NE     | 3              | o        | 1022.6                      | +2                       | 66           | -2                        | NE     | 3              | NNW            | o                               | 3        | ?           | 75                                  | 66    | ?           | ?         | ?           | ?      |   |

## South Farnborough

Pilot Balloon Ascent at about 7 a.m.

500 metres NW 18 miles per hour

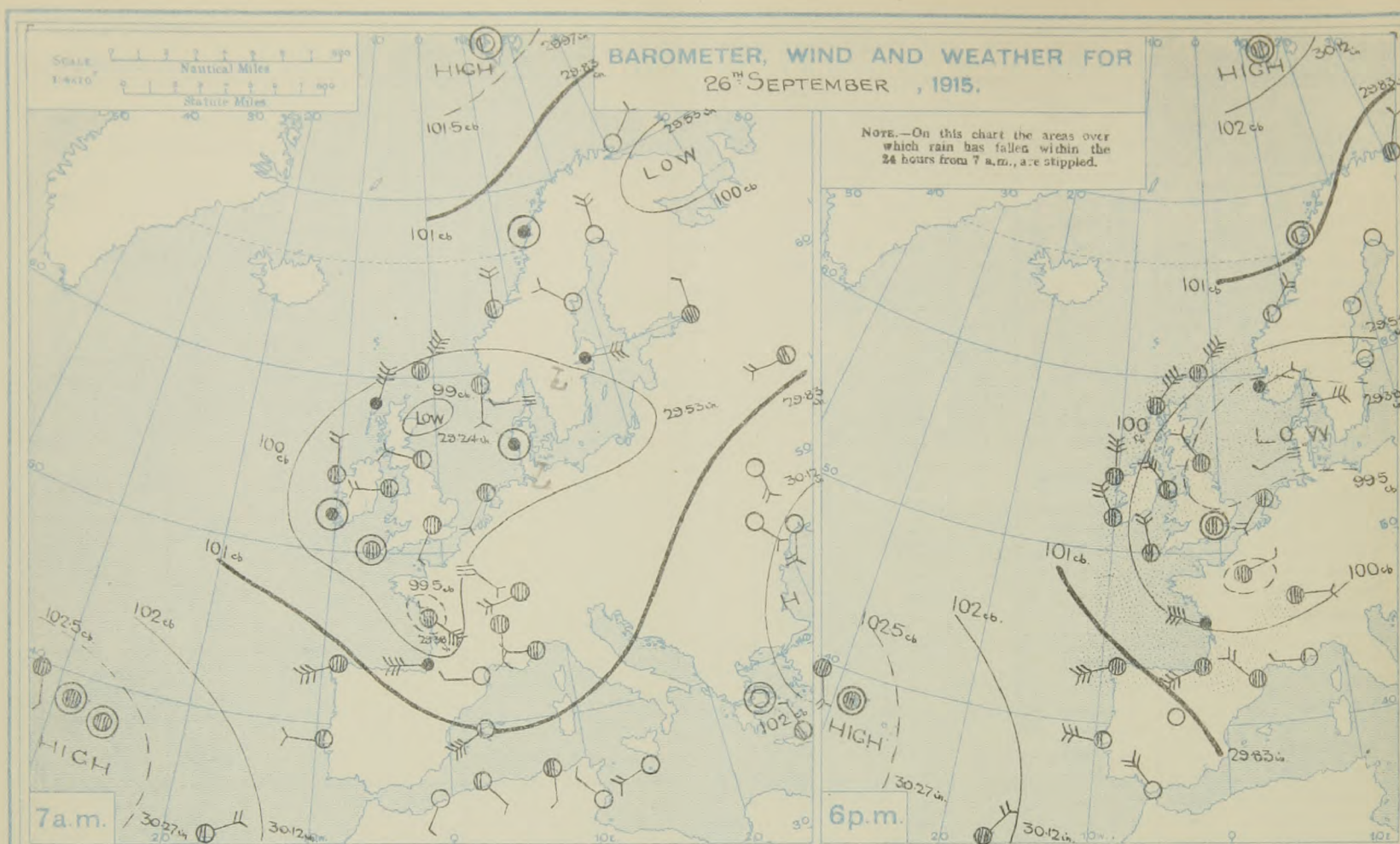
2000 metres NW 16 miles per hour.

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.





FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

Cones hoisted at 1 a.m.

Western Channel and Bay 11

- |    |   |   |  |
|----|---|---|--|
| 0  | a | { | Moderate or fresh Northerly and North-Easterly winds; fair; cold.  |
|    | b |   |  |
| 1  |   | { | Fresh Northerly winds, moderating later; fair generally, but some local showers; cold.                           |
|    |   |   |  |
| 2  | a | { | Fresh or strong Northerly winds and squally, showery weather; wind moderating later and weather improving; cool. |
|    | b |   |  |
| 3  |   | { | Moderate or fresh North-Westerly to Northerly winds; cloudy generally, occasional rain; very cool.               |
|    |   |   |  |
| 4  | a | { |  |
|    | b |   |  |
| 5  |   | { |  |
|    |   |   |  |
| 6  | a | { | Same as No. 1.   |
|    | b |   |  |
| 7  | a | { | Moderate or fresh North-Westerly to Northerly winds; fair generally, but some local showers; cool.               |
|    | b |   |  |
| 8  | a | { | Fresh Northerly winds, moderating later; fair generally, but some local showers; cool.                           |
|    | b |   |  |
| 9  | a | { |  |
|    | b |   |  |
| 10 | a | { | Fresh or strong Northerly and North-Westerly winds and a rather rough sea; cool; squally, some showers.          |
|    | b |   |  |

#### FURTHER OUTLOOK.

R. G. K. LEMPFFERT, Superintendent, Forecast Division.

W. NAPIER SHAW, Director

Millibars

1050

TEMPERATURE

1040

WIND

1030

SEA

1020

WIND

1010

SEA

1000

WIND

990

SEA

980

WIND

970

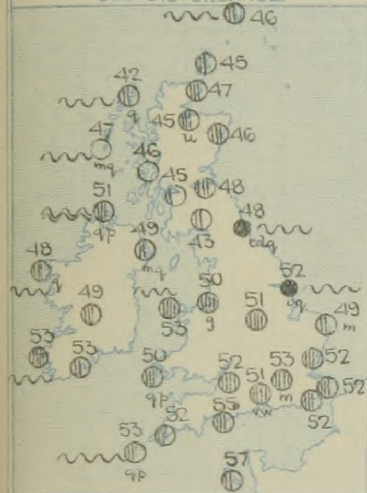
SEA



# GENERAL INFERENCE.

The low pressure system over the North Sea will continue to travel away to the eastward and a Northerly type of weather will become general.

## TEMPERATURE, WEATHER AND SEA DISTURBANCE.



## 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  $\frac{1}{2}$  clouded. ○ sky  $\frac{3}{4}$  clouded.

○ sky  $\frac{3}{4}$  clouded. ○ overcast sky. ● rain falling.

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

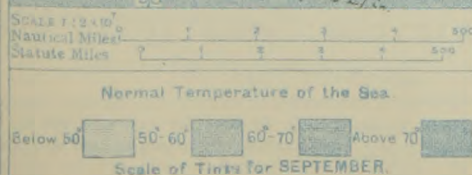
⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough High

Inches.  
31

30

29



Barometer

slowly

generally

HIGH

20.12 in

10



# PILOT BALLOON ASCENTS for the PAST WEEK. Component Velocities to East and to North in Metres per Second.

| Station<br>Date & Hour    |     | Comp. to E.                          |     | Comp. to N.                           |    | Comp. to E.                  |    | Comp. to N.                    |  | Comp. to E.                          |     | Comp. to N.                   |    | Comp. to E.                           |    | Comp. to N.               |  | Comp. to E.                   |    | Comp. to N.                          |     | Comp. to E. |    | Comp. to N. |  |
|---------------------------|-----|--------------------------------------|-----|---------------------------------------|----|------------------------------|----|--------------------------------|--|--------------------------------------|-----|-------------------------------|----|---------------------------------------|----|---------------------------|--|-------------------------------|----|--------------------------------------|-----|-------------|----|-------------|--|
|                           |     | Stn. Farnborough<br>20th.<br>7.15 h. |     | Stn. Farnborough<br>20th.<br>11.30 h. |    | Benson.<br>20th.<br>12.25 h. |    | Eskdalemuir.<br>20th.<br>13 h. |  | Stn. Farnborough<br>21st.<br>7.10 h. |     | Eskdalemuir.<br>21st.<br>7 h. |    | Stn. Farnborough<br>21st.<br>11.35 h. |    | Benson.<br>21st.<br>12 h. |  | Eskdalemuir.<br>22nd.<br>8 h. |    | Stn. Farnborough<br>24th.<br>7.10 h. |     |             |    |             |  |
| Heights in<br>Kilometres. | 7   | +3                                   | +1  |                                       |    |                              |    |                                |  | -1                                   | +7  |                               |    |                                       |    |                           |  |                               |    |                                      |     |             |    |             |  |
|                           | 6   | +7                                   | -4  |                                       |    |                              |    |                                |  | -1                                   | +10 |                               |    |                                       |    |                           |  |                               |    |                                      |     |             |    |             |  |
|                           | 5   | +4                                   | +1  |                                       |    |                              |    |                                |  | +1                                   | +9  |                               |    |                                       |    |                           |  |                               |    |                                      |     |             |    |             |  |
|                           | 4   | +2                                   | -1  |                                       |    |                              |    |                                |  | +1                                   | +8  |                               |    | +3                                    | +6 |                           |  |                               |    |                                      |     |             |    |             |  |
|                           | 3   | +1                                   | +2  | -1                                    | +3 |                              |    |                                |  | +1                                   | +4  |                               |    | +1                                    | +4 |                           |  |                               |    |                                      |     |             |    |             |  |
|                           | 2   | -4                                   | +3  | -10                                   | +5 |                              |    |                                |  | -2                                   | +3  | +1                            | +7 | -1                                    | +3 |                           |  |                               | +3 | +11                                  | +5  | +11         |    |             |  |
| 1                         | -12 | +3                                   | -11 | +3                                    | -8 | +6                           | -7 | +8                             |  | -7                                   | +5  | -3                            | +6 | -4                                    | +4 |                           |  |                               |    |                                      |     |             |    |             |  |
| 0.5                       | -13 | +5                                   | -17 | +4                                    | -6 | +2                           | -4 | +2                             |  | -7                                   | +5  | -1                            | +3 | -7                                    | +5 |                           |  | -6                            | +4 | -2                                   | +10 | +6          | +6 |             |  |
| 0                         | -5  | 0                                    | -8  | +2                                    | -6 | 0                            | -6 | +4                             |  | -2                                   | 0   | 0                             | -3 | -3                                    | 0  |                           |  | -8                            | +2 | -3                                   | -2  | +6          | +3 |             |  |
|                           |     |                                      |     |                                       |    |                              |    |                                |  |                                      |     |                               |    |                                       |    |                           |  | -6                            | +2 | -1                                   | -2  | +1          | 0  |             |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall. | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS.             | Rainfall. | TEMPERATURE. |      | WEATHER.   |            | Sun-<br>shine<br>to<br>6 p.m. |
|---------------------|-----------|--------------|------|-----------|------------|-------------------------------|-----------------------|-----------|--------------|------|------------|------------|-------------------------------|
|                     |           | Max.         | Min. | Forenoon. | Afternoon. |                               |                       |           | Max.         | Min. | Forenoon.  | Afternoon. |                               |
| Scotland.           | mm. §     | ° F.         | ° F. | b.c.c.    | b.c.c.     | Hr.                           | (Tunbridge Wells ...  | mm. §     | ° F.         | ° F. | b.c.c.     | b.c.       | Hr.                           |
| Oban ...            | 11        | 57           | 48   | b.c.c.    | b.c.c.     | 5.5                           | Margate ...           | -         | 65           | 45   | b.c.c.     | b.c.       | 4.3                           |
| Banff ...           | 12        | 57           | 49   | rg        | rg         | 0.0                           | Ramsgate ...          | -         | 64           | 50   | b.c.       | p          | 5.6                           |
| Carnoustie ...      | -         | 57           | 47   | o         | c          | 0.3                           | Hastings ...          | -         | 65           | 48   | b.c.       | op.b.c.    | 6.3                           |
| St. Andrews ...     | -         | -            | -    | *         | *          | -                             | Bexhill-on-Sea ...    | -         | 64           | 51   | b.b.c.     | b.c.o.     | 6.5                           |
| England, N.E.       |           |              |      |           |            |                               | Eastbourne ...        | 0.3       | 63           | 52   | b.b.c.     | b.c.       | 3.4                           |
| Harrogate ...       | 0.2       | 61           | 47   | c.b.c.    | b.b.c.o.   | 4.8                           | Seaford ...           | -         | -            | -    | -          | -          | -                             |
| Skegness ...        | -         | 64           | 54   | c.b.c.    | b.c.oug    | 7.6                           | Brighton ...          | -         | 65           | 49   | c.b.c.     | b.c.c.     | 4.7                           |
| England, N.W.       |           |              |      |           |            |                               | Worthing ...          | -         | 66           | 49   | b          | b.c.       | 4.6                           |
| Morecambe ...       | -         | 60           | 55   | r.c.g     | o.c.       | 5.5                           | Littlehampton ...     | -         | 65           | 52   | b          | b.c.       | 5.7                           |
| Blackpool ...       | 1         | 59           | 50   | o.c.b.c.  | b.c.o.     | 5.1                           | Bognor ...            | -         | 66           | 48   | b.c.       | b          | 6.2                           |
| Southport ...       | 6         | -            | -    | -         | -          | -                             | Southsea ...          | -         | 65           | 50   | b.c.       | b.c.       | 5.0                           |
| Midlands.           |           |              |      |           |            |                               | Bournemouth ...       | -         | 63           | 43   | c          | c          | 2.7                           |
| Buxton ...          | -         | 64           | 45   | c.b.c.    | b.c.c.     | 3.8                           | Wales.                |           |              |      |            |            |                               |
| Leamington Spa ...  | -         | 63           | 50   | b.c.      | b.c.c.     | 9.0                           | Rhyl ...              | 0.2       | 60           | 49   | p.c.       | c          | 1.0                           |
| Malvern ...         | -         | 62           | 42   | b.c.      | b.c.c.     | 2.0                           | Colwyn Bay ...        | 2         | 60           | 52   | cd         | b.c.o.     | 3.5                           |
| Ross-on-Wye ...     | -         | -            | -    | -         | -          | -                             | Llandudno ...         | -         | 68           | 55   | r.o.c.     | c.o.       | 3.0                           |
| England, E.         |           |              |      |           |            |                               | Aberystwyth ...       | 4         | -            | -    | -          | -          | -                             |
| Cromer ...          | -         | 65           | 50   | b         | b.c.       | 8.5                           | Tenby ...             | -         | -            | -    | -          | -          | -                             |
| Lowestoft ...       | -         | 63           | 49   | b.c.      | b.c.c.     | 7.1                           | England, S.W.         |           |              |      |            |            |                               |
| Felixstowe ...      | -         | 72           | 50   | b.c.b.c.  | b.b.c.     | 6.9                           | Weymouth ...          | -         | 64           | 52   | c.b.c.     | b.c.c.     | 3.2                           |
| Walton-on-Naze ...  | -         | -            | -    | -         | -          | -                             | Torquay ...           | 1         | 64           | 48   | o          | p.b.c.c.   | 1.2                           |
| Southend-on-Sea ... | -         | -            | -    | -         | -          | -                             | Paignton ...          | -         | -            | -    | -          | -          | -                             |
|                     |           |              |      |           |            |                               | Falmouth ...          | 1         | 62           | 49   | c.o.d.b.c. | b.c.       | 2.6                           |
|                     |           |              |      |           |            |                               | Penzance ...          | -         | 61           | 48   | o.b.c.b.   | b.b.c.     | 4.5                           |
|                     |           |              |      |           |            |                               | Newquay ...           | 0.2       | 61           | 52   | cp.c.      | o          | 1.4                           |
|                     |           |              |      |           |            |                               | Ilfracombe ...        | -         | 63           | 47   | b.c.b.     | b          | 1.5                           |
|                     |           |              |      |           |            |                               | Weston-super-Mare ... | -         | -            | -    | -          | -          | -                             |

## LONDON OBSERVATIONS.

| STATIONS.   | HUMIDITY. |        | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.      |                |                 | Rain-<br>fall. | WEATHER.       |                 |        |
|---|-----------|--------|---|-------------------|----------------|-----------------|----------------|----------------|-----------------|--------|
|   | 3 p.m.    | 9 a.m. |   | In Screen.        | Min. on Grass. | Max.            |                | Fore-<br>noon. | After-<br>noon. | Night. |
| Greenwich (Royal Obs.) ...  | 55        | 81     | 6.0                                     | ° F. 68           | ° F. 52        | ° F. 44         | -              | c              | c               | c.o    |
| City (Bunhill Row) ...  | 55        | 81     | 4.4                                     | ° F. 68           | ° F. 52        | ° F. 44         | -              | c              | c               | c.o    |
| Westminster (St. James's Pk.) ...   | 65        | 86     | 3.9                                     | ° F. 66           | ° F. 53        | ° F. 52         | -              | b.c.           | b.c.c.          | c.o    |
| Camden Sq. (Brit. Rainfall) ...   | -         | 78     | 5.1                                     | ° F. 66           | ° F. 53        | ° F. 51         | -              | -              | -               | *      |
| Hampstead (Reservoir) ...   | 55        | 86     | 4.5                                     | ° F. 63           | ° F. 49        | ° F. 42         | -              | b.c.           | o               | c      |
| Richmond Park ...   | 55        | 86     | 4.1                                     | ° F. 63           | ° F. 49        | ° F. 42         | -              | b.c.           | o               | c      |
| Kew. (See front page.)  | 55        | 86     | 4.1                                     | ° F. 63           | ° F. 49        | ° F. 42         | -              | b.c.           | o               | c      |
| (Greenwich and Camden Square air temperatures are in Glaisher screens.)       | 55        | 86     | 4.1                                     | ° F. 63           | ° F. 49        | ° F. 42         | -              | b.c.           | o               | c      |
| S. Kensington (Roof of M.O.)  | 55        | 79     | 5.0                                     | ° F. 63           | ° F. 49        | ° F. 42         | -              | b.c.           | o               | c      |
| VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY. |           |        |   |                   |                |                 |                |                |                 |        |
| Total.  |           |        |   | Average Rate.     |                | Max. Rate.      |                |                |                 |        |
| 963 Joules  |           |        |   | 22.4 Milli-watts. |                | 55 Milli-watts. |                |                |                 |        |

## Additional Observations for Yesterday.

| STATIONS.                                | RAIN-<br>FALL. | TEMPERATURE. |                      |        | WEATHER.       |                 |        | Sun-<br>shine<br>for<br>Yester-<br>day. |
|--|----------------|--------------|----------------------|--------|----------------|-----------------|--------|---|
|  |                | In Screen.   | Night Min. on Grass. | Night. | Fore-<br>noon. | After-<br>noon. | Night. |   |
| Dublin to 4 p.m.                         | 1              | 59           | 53                   | 49     | b.c.o          | cp              | cp     | *                                       |
| Darwen to 9 p.m.                         | -              | -            | -                    | -      | -              | -               | -      | -                                       |
| Manchester "                             | -              | -            | -                    | -      | -              | -               | -      | -                                       |
| Birmingham "                             | -              | -            | -                    | -      | -              | -               | -      | -                                       |
| Oxford to 8 p.m.                         | -              | -            | -                    | -      | -              | -               | -      | -                                       |
| Teignmouth to 9 "                        | -              | -            | -                    | -      | -              | -               | -      | -                                       |
| Plymouth "                               | -              | -            | -                    | -      | -              | -               | -      | -                                       |
| S. Kensington (Museum Grounds to 6 p.m.) | -              | 67           | 49                   | 40     | b.b.w          | b.c.o           | o.c.o  | *                                       |

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

| 27th & 28th Sept., 1915. | Sunrise. | Noon.  | Sunset. |
|--------------------------|----------|--------|---------|
|                          | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...             | 5.48     | 11.44  | 5.40    |
| Greenwich ...            | 5.49     | 11.44  | 5.38    |
| Wick ...                 | 5.55     | 11.51  | 5.45    |
| Valencia ...             | 6.0      | 12.3   | 5.57    |
|                          | 6.36     | 12.32  | 6.28    |
|                          | 6.37     | 12.32  | 6.26    |

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 65° and upwards in the south and south-east of England and reached 72° at Southend-on-Sea; in the north of Scotland it did not touch 50°. Rain fell in most districts, heavily in the north of Scotland.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 271.

Tuesday,  
28th September, 1915.

| STATIONS.             | YESTERDAY EVENING.                    |              |        |                |          |                                       | THIS MORNING 7 A.M., G.M.T. |              |                           |        |                |                                 |          |             |                                     |       | PAST 24 HOURS. |          |            |          |        |        | Sun-<br>shine<br>for<br>Yester-<br>day. |
|-----------------------|---------------------------------------|--------------|--------|----------------|----------|---------------------------------------|-----------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|-------|----------------|----------|------------|----------|--------|--------|---|
|                       | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND.  |                | Weather. | Barom.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours.    | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |                | WEATHER. |            |          |        |        |   |
|                       |                                       |              | Direc. | Force<br>0-12. |          |                                       |                             | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.  | Min.           | Morning. | Afternoon. | Night.   |        |        |   |
| BRITISH ISLANDS.      | Lerwick                               | 1004.7       | 45     | N              | 5        | bcg                                   | 1002.2                      | 0            | 44                        | -2     | N              | 6                               | N        | bcg         | 5                                   | 3     | 48             | 41       | bcgp       | bcgp     | bcgp   | Hours. |   |
|                       | Deerness                              | 1006.1       | 43     | N              | 5        | cp                                    | 1002.4                      | 0            | 44                        | -1     | N              | 5                               | N        | bcgp        | 4                                   | 4     | 50             | 41       | bc         | bc.cp    | cp.bc  | 6.4    |   |
|                       | Stornoway                             | 1010.4       | 45     | NNE            | 5        | bcg                                   | 1008.2                      | 0            | 41                        | -1     | NNE            | 4                               | N        | bcg         | 5                                   | 1     | 51             | 39       | bcg        | bcgp     | bcgp   | 6.9    |   |
|                       | Castlebay (Barra Isd.)                | 1010.7       | 47     | N              | 2        | b                                     | 1008.1                      | 0            | 45                        | -2     | N              | 2                               | N        | b           | 3                                   | 0.1   | 53             | 44       | bg.b       | b.op     | b      | 10.0   |   |
|                       | Glasgow                               | 1007.6       | 47     | NNW            | 1        | bc                                    | 1006.7                      | -1           | 35                        | -10    | NNW            | 1                               | N        | b           | 0                                   | 54    | 34             | b.bc     | bc         | bc.bx    | 9.3    |        |   |
|                       | Eskdalemuir                           | 1007.1       | 41     | NNW            | 2        | bc                                    | 1006.5                      | -1           | 29                        | -14    | SE             | 1                               | SW       | bc          | 0                                   | 56    | 27             | bc.cq    | cq.bc      | bc.b     | 5.2    |        |   |
|                       | Malin Head                            | 1009.3       | 50     | N              | 4        | bcg                                   | 1006.2                      | -2           | 48                        | -3     | E              | 3                               | E        | bc          | 3                                   | 52    | 45             | cq       | bcgp       | bc       | 7.0    |        |   |
|                       | Blackod Point                         | 1011.7       | 50     | N              | 2        | bc                                    | 1004.1                      | -3           | 46                        | -2     | ESE            | 3                               | SE       | omr         | 3                                   | 1     | 59             | 45       | bc         | bc       | cm.cgm | 0      |   |
|                       | Valencia                              | 1012.4       | 55     | W              | 2        | 0                                     | 1002.9                      | -1           | 54                        | +1     | NW             | 1                               | SE       | c           | 4                                   | 3     | 57             | 49       | c          | c.op     | or.o.c | 2.0    |   |
|                       | Roche's Point                         | 1013.2       | 55     | NNW            | 3        | 0                                     | 1003.9                      | 0            | 53                        | 0      | SE             | 4                               | N        | r           | 4                                   | 5     | 57             | 48       | bcg        | bcg.c    | or     | 0      |   |
|                       | Birr Castle                           | 1010.7       | 48     | NW             | 1        | e                                     | 1005.0                      | 0            | 46                        | -3     | NE             | 1                               | N        | r           | 0                                   | 56    | 44             | c        | c          | c.o.or   | 1.4    |        |   |
|                       | Donaghadee                            | 1007.9       | 49     | N              | 4        | bcgp                                  | 1006.7                      | 0            | 46                        | -3     | NE             | 3                               | NE       | bc          | 2                                   | 2     | 54             | 44       | bc         | bcgp     | bcmp   | 0      |   |
|                       | Liverpool (Bidston)                   | 1006.5       | 51     | NW             | 2        | c                                     | 1005.5                      | -2           | 45                        | -5     | SSW            | 1                               | N        | 0           | 2                                   | 1     | 54             | 45       | o.bc       | c.bc     | op     | 2.5    |   |
|                       | Holyhead                              | 1008.0       | 53     | NNW            | 5        | bc                                    | 1005.3                      | -2           | 48                        | -5     | SE             | 2                               | S        | cr          | 1                                   | 0.2   | 56             | 47       | o.c        | c.bc     | cp.c   | 3.6    |   |
|                       | Pembroke (St. Ann's)                  | 1008.3       | 52     | NW             | 4        | c                                     | 1006.1                      | -2           | 53                        | +3     | S              | 1                               | S        | cu          | 1                                   | 1     | 54             | 49       | cq         | cq       | cq     | 0.5    |   |
|                       | Scilly (St. Mary's)                   | 1010.3       | 55     | NNW            | 4        | rq                                    | 1005.1                      | -7           | 54                        | +1     | SSE            | 3                               | N        | omr         | 4                                   | 2     | 56             | 50       | og         | og       | c.or   | 0.1    |   |
|                       | Falmouth                              | 1009.6       | 54     | NNW            | 2        | 0                                     | 1006.3                      | -4           | 50                        | -2     | SW             | 1                               | N        | od          | 3                                   | 1     | 56             | 49       | op         | c.o      | c.od.o | 1.1    |   |
|                       | Jersey (St. Aubin)                    | 1006.4       | 58     | WNW            | 4        | 0                                     | 1008.7                      | 0            | 55                        | -2     | WSW            | 3                               | N        | og          | 3                                   | 2     | 62             | 51       | bc.cp      | op.c.o   | ogp.o  | 2.7    |   |
|                       | Portland Bill                         | 1005.1       | 56     | NNW            | 4        | c                                     | 1007.0                      | -1           | 55                        | 0      | W              | 4                               | W        | c           | 3                                   | 60    | 54             | c        | c          | bc.c     | 0      |        |   |
|                       | Dungeness                             | 1003.3       | 54     | NNW            | 3        | 0                                     | 1007.1                      | 0            | 42                        | -10    | WNW            | 1                               | NW       | bc          | 3                                   | Trace | 61             | 40       | c.o        | c.o.c.o  | o.baw  | 0      |   |
|                       | Dover                                 | 1003.4       | 52     | NW             | 6        | 0                                     | 1007.4                      | 0            | 42                        | -10    | NW             | 2                               | N        | bc          | 2                                   | 62    | 38             | c.o.bc   | c.op.o     | o.baw    | 0.9    |        |   |
| NORTHERN EUROPE.      | Wick                                  | 1006.4       | 48     | N              | 5        | 0                                     | 1003.8                      | 0            | 44                        | -3     | NW             | 4                               | N        | c           | 4                                   | 1     | 53             | 40       | cq.bc      | bc.omp   | bcqph  | 0      |   |
|                       | Nairn                                 | 1007.9       | 46     | NNW            | 3        | cq                                    | 1005.9                      | 0            | 42                        | -3     | NNW            | 3                               | N        | cq          | 4                                   | 2     | 51             | 39       | op.rq      | bc.cp    | cq.p   | 5.2    |   |
|                       | Aberdeen                              | 1005.4       | 44     | NW             | 3        | b                                     | 1003.3                      | 0            | 41                        | -5     | NW             | 4                               | N        | ap          | 3                                   | 9     | 52             | 39       | bcgp       | bcqph    | bcgp   | 8.0    |   |
|                       | Leith                                 | 1006.2       | 49     | NNW            | 2        | c                                     | 1005.4                      | +1           | 40                        | -8     | W              | 2                               | N        | b           | 0                                   | 54    | 37             | c        | cp.c       | c.bc.b   | 0      |        |   |
|                       | Tynemouth                             | 1004.4       | 47     | NNW            | 5        | bcgp                                  | 1003.8                      | -1           | 37                        | -11    | WNW            | 2                               | N        | bc          | 4                                   | 52    | 36             | cq       | bcgp       | bcq      | 0      |        |   |
|                       | Spurn Head                            | 1002.7       | 52     | NNW            | 7        | bcg                                   | 1003.9                      | 0            | 45                        | -7     | N              | 7                               | N        | bcg         | 6                                   | 55    | 43             | or.cq    | bcg        | bcg      | 2.4    |        |   |
|                       | Yarmouth                              | 1000.3       | 51     | N              | 4        | 0                                     | 1004.5                      | +3           | 39                        | -10    | NW             | 2                               | NW       | bcu         | 3                                   | 1     | 57             | 39       | bc.op      | op       | bc.bcm | 0.7    |   |
|                       | Clacton-on-Sea                        | 1003.1       | 52     | NW             | 3        | c                                     | 1006.8                      | +1           | 41                        | -11    | WNW            | 2                               | N        | bc          | 2                                   | 57    | 38             | c.o      | c.o        | c.bcm    | 0.0    |        |   |
|                       | Nottingham                            | 1005.0       | 51     | NW             | 2        | c                                     | 1006.0                      | 0            | 37                        | -44    | W              | 1                               | W        | cm          | 0                                   | 53    | 34             | 0        | o.c        | c.b      | 0.0    |        |   |
|                       | Bath                                  | 1006.4       | 53     | N              | 1        | 0                                     | 1006.8                      | 0            | 43                        | -9     | NE             | 1                               | W        | 0           | 0                                   | 59    | 39             | og       | og         | o.c.bcp  | 0.0    |        |   |
|                       | Sth Farnborough                       | 1005.2       | 51     | NW             | 1        | 0                                     | 1007.2                      | 0            | 38                        | -13    | W              | 0                               | W        | bcu         | 0                                   | 57    | 36             | op       | op         | o.c.b    | 0.1    |        |   |
|                       | London (Kew Obsy.)                    | 1005.5       | 52     | N              | 1        | ogz                                   | 1007.3                      | 0            | 42                        | -11    | SW             | 1                               | W        | bm          | 0                                   | 57    | 40             | om.og    | og.og      | ogz.o.bm | 0.2    |        |   |
|                       | Spitsbergen                           | 1013.3       | 21     | 0              | 0        | 0                                     | 1021.6                      | 0            | 19                        | +1     | S              | 6                               | N        | 0           | 0                                   | 28    | 16             |          |            |          |        |        |   |
|                       | Vardö                                 | 1019.0       | 37     | NNE            | 2        | bc                                    | 1017.9                      | +2           | 37                        | +1     | ENE            | 1                               | N        | c           | 3                                   | 39    | 36             |          |            |          |        |        |   |
|                       | Bodö                                  | 1011.8       | 37     | E              | 2        | b                                     | 1011.1                      | 0            | 37                        | +1     | E              | 4                               | N        | b           | 2                                   | 41    | 32             |          |            |          |        |        |   |
| Christiansund         | 1012.8                                | 43           | NE     | 6              | c        | 1012.8                                | 0                           | 41           | 0                         | E      | 3              | N                               | c        | 3           | 45                                  | 41    |                |          |            |          |        |        |   |
| Skudesnaes            | 996.8                                 | 46           | 0      | 0              | b        | 995.1                                 | 0                           | ?            | ?                         | ESE    | 2              | N                               | c        | 2           | 50                                  | 45    |                |          |            |          |        |        |   |
| Færder (Xian's Fjord) | 997.6                                 | 41           | NE     | 6              | 0        | 996.2                                 | 0                           | 37           | -4                        | NE     | 7              | N                               | r        | 3           | 41                                  | 37    |                |          |            |          |        |        |   |
| The Scaw (Skagen)     | 992.9                                 | 46           | NE     | 3              | 0        | 990.4                                 | -3                          | 45           | -1                        | ENE    | 4              | N                               | m        | 4           | 1                                   | 48    | 45             |          |            |          |        |        |   |
| Blaavands Huk         | 992.2                                 | 52           | NE     | 1              | 0        | 992.4                                 | 0                           | 50           | -5                        | N      | 4              | N                               | r        | 5           | 59                                  | 46    |                |          |            |          |        |        |   |
| FRANCE, &c.           | Haparanda                             | 1013.3       | 36     | NE             | 2        | c                                     | 1012.4                      | 0            | 36                        | +4     | NE             | 4                               | N        | 0           | 0                                   | 41    | 30             |          |            |          |        |        |   |
|                       | Hernösand                             | 1005.5       | 41     | N              | 6        | 0                                     | 1004.6                      | 0            | 37                        | -6     | N              | 6                               | N        | 0           | 0                                   | 5     | 43             | 34       |            |          |        |        |   |
|                       | Stockholm                             | 995.5        | 39     | NE             | 6        | 0                                     | 997.2                       | +1           | 37                        | 0      | NNE            | 4                               | N        | 0           | 0                                   | 4     | 43             | 36       |            |          |        |        |   |
|                       | Wisby                                 | 992.6        | 46     | NNE            | 4        | 0                                     | 998.5                       | 0            | 43                        | -7     | NE             | 2                               | N        | 0           | 3                                   | 50    | 41             |          |            |          |        |        |   |
|                       | Karlstad                              | 998.1        | 37     | ENE            | 4        | r                                     | 998.3                       | 0            | 39                        | 0      | E              | 4                               | N        | 0           | 0                                   | 3     | 41             | 37       |            |          |        |        |   |
|                       | Petrograd (5 a.m. G.M.T.)             |              |        |                |          |                                       |                             |              |                           |        |                |                                 |          |             |                                     |       |                |          |            |          |        |        |   |
|                       | The Helder                            | 997.2        | 57     | WNW            | 6        | c                                     | 1001.0                      | +4           | 54                        | -5     | WNW            | 6                               | N        | c           | 4                                   | 2     | 61             | 52       |            |          |        |        |   |
|                       | C. Gris Nez                           | 1002.7       | 55     | NW             | 5        | 0                                     | 1007.4                      | +1           | 50                        | -6     | WNW            | 4                               | N        | b           | 4                                   | 61    | 48             |          |            |          |        |        |   |
|                       | La Hève                               | 1003.3       | 57     | N              | 4        | 0                                     | 1009.0                      | 0            | 53                        | -4     | NW             | 4                               | N        | 0           | 4                                   | 3     | 61             | 48       |            |          |        |        |   |
|                       | Ushant                                | 1010.7       | 57     | N              | 6        | 0                                     | 1007.9                      | 0            | 57                        | 0      | SW             | 4                               | N        | r           | 5                                   | 2     | 61             | 52       |            |          |        |        |   |
|                       | Brest (St. Mathieu)                   | 1011.4       | 56     | NNW            | 6        | 0                                     | 1010.0                      | 0            | 57                        | 0      | SW             | 3                               | N        | r           | 3                                   | 1     | 61             | 57       |            |          |        |        |   |
|                       | Rochefort (Ile d'Aix)                 | 1008.6       | 60     | NNW            | 7        | 0                                     | 1013.5                      | 0            | 58                        | -1     | NNW            | 1                               | N        | 0           | 0                                   | 1     | 64             | 54       |            |          |        |        |   |
|                       | Biarritz                              | 1013.2       | 59     | NW             | 4        | c                                     | 1016.2                      | +1           | 63                        | +3     | NW             | 3                               | N        | c           | 4                                   | 12    | 66             | 57       |            |          |        |        |   |
|                       | Paris                                 | 1003.8       | 55     | W              | 2        | 0                                     | 1009.5                      | +2           | 50                        | -5     | N              | 1                               | N        | c           | 0                                   | 1     | 64             | 48       |            |          |        |        |   |
|                       | Belfort                               | 1005.1       | 52     | WSW            | 3        | 0                                     | 1009.3                      | 0            | 50                        | -2     | WSW            | 3                               | N        | 0           | 0                                   | 7     | 57             | 49       |            |          |        |        |   |
| Lyons                 | 1005.9                                | 55           | WNW    | 1              | c        | 1011.8                                | 0                           | 53           | -1                        | NW     | 3              | N                               | bc       | 0           | 1                                   | 67    | 52             |          |            |          |        |        |   |
| Nice                  | 1001.1                                | 62           | NW     | 5              | c        | 1002.6                                | +1                          | 57           | -6                        | NW     | 7              | N                               | b        | 6           | 64                                  | 55    |                |          |            |          |        |        |   |
| Perpignan             | 1007.8                                | 64           | NW     | 5              | c        | 1013.1                                | +3                          | 59           | +5                        | NW     | 5              | NW                              | bc       | 0           | 73                                  | 54    |                |          |            |          |        |        |   |
| Sanguinaire           |                                       |              |        |                |          |                                       |                             |              |                           |        |                |                                 |          |             |                                     |       |                |          |            |          |        |        |   |
| SOUTHERN EUROPE.      | Corunna (7 a.m.)                      | 1020.8       | 64     | NW             | 5        | c                                     | 1019.8                      | -2           | 61                        | -2     | SW             | 3                               | N        | 0           | 4                                   | 1     | 66             | 59       |            |          |        |        |   |
|                       | Madrid (8 a.m.)                       |              |        |                |          |                                       |                             |              |                           |        |                |                                 |          |             |                                     |       |                |          |            |          |        |        |   |
|                       | Lisbon (9 a.m.)                       | 1020.6       | 68     | NNW            | 5        | b                                     | 1021.1                      | 0            | 61                        | -2     | N              | 4                               | N        | b           | 6                                   | 73    | 61             |          |            |          |        |        |   |
|                       | Gibraltar                             | 1018.9       | 68     | W              | 4        | b                                     | 1017.9                      | 0            | 63                        | 0      | W              | 3                               | N        | b           | 1                                   | 75    | 62             |          |            |          |        |        |   |
|                       | Rome                                  |              |        |                |          |                                       |                             |              |                           |        |                |                                 |          |             |                                     |       |                |          |            |          |        |        |   |
| Malta (8 a.m.)        |                                       |              |        |                |          |                                       |                             |              |                           |        |                |                                 |          |             |                                     |       |                |          |            |          |        |        |   |
| SOUTHERN EUROPE.      | Azores (Horta, 8 a.m.)                | 1027.0       | 0      | 0              | 0        | bc                                    | 1027.5                      | +1           | 67                        | +3     | 0              | 0                               | 0        | 0           | 1                                   | 3     | 75             | 64       |            |          |        |        |   |
|                       | Madeira (Funchal)                     | 1022.4       | 74     | NE             | 3        | c                                     | 1022.3                      | -1           | 70                        | +4     | NE             | 3                               | NE       | 0           | 3                                   | 75    | 66             |          |            |          |        |        |   |

South Farnborough

Pilot Balloon at about 7 a.m.

500 metres W by S 15 miles per hour

2000 metres W by N 15 miles per hour.

## GALES.

Duration and Extreme Force  
in British Islands.

Spurn Head  
27th during day NNW 8 in squalls.

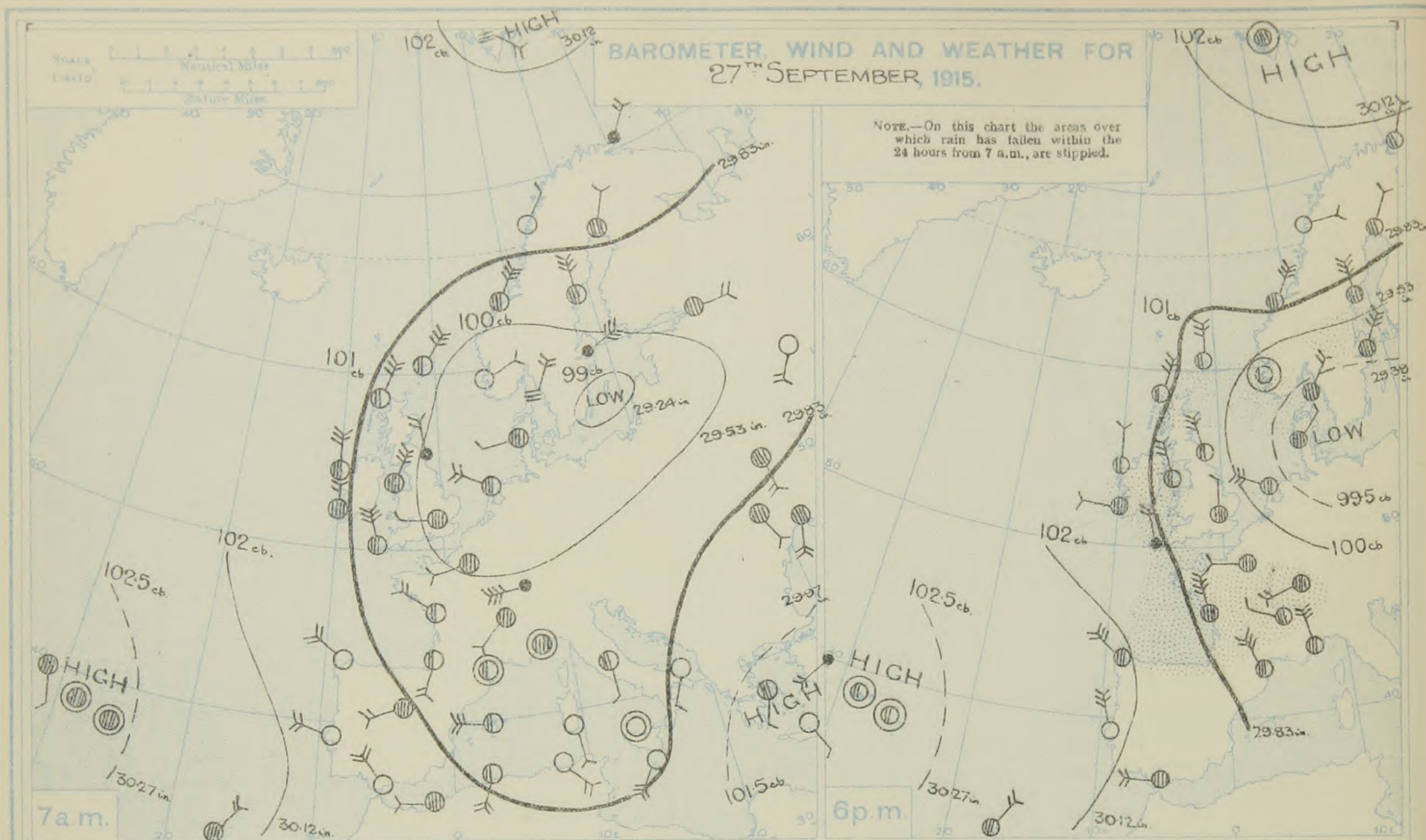
South Farnborough

Pilot Balloon at about 7 a.m.

500 metres W by S 15 miles per hour

2000 metres W by N 15 miles per hour.





**FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

Cones hoisted  
1 a.m.

Western Channel and Bay 11

- |    |            |   |
|----|------------|---|
| 0  | a }<br>b } | Light or moderate Northerly winds; fair; cold.  |
| 1  | a }<br>b } | Light North-Westerly to variable breezes; fair at first, misty or foggy later; cold, ground frost to-night.   |
| 2  | a }<br>b } | Light variable breezes, followed by moderate Southerly or South-Easterly winds; fair to-day, becoming dull and misty to-night, some rain to-morrow; cold, ground frost tonight. |
| 3  | a }<br>b } | Light variable winds, finally Easterly; fair to-day, misty and rainy to-morrow; cold.   |
| 4  | a }<br>b } | Light or moderate Easterly and South-Easterly winds; fair at first, rainy later; cold.  |
| 5  | a }<br>b } | Freshening Southerly and South-Easterly winds; dull, rainy; remaining cold.   |
| 6  | a }<br>b } | Light to fresh Easterly winds, dull, rainy; cold.   |
| 7  | a }<br>b } | Same as No. 8.  |
| 8  | a }<br>b } | Strong South-Westerly winds and a rough sea, dull, misty, some rain; rather cold.   |
| 9  | a }<br>b } |   |
| 10 | a }<br>b } |   |
| 11 | a }<br>b } |   |

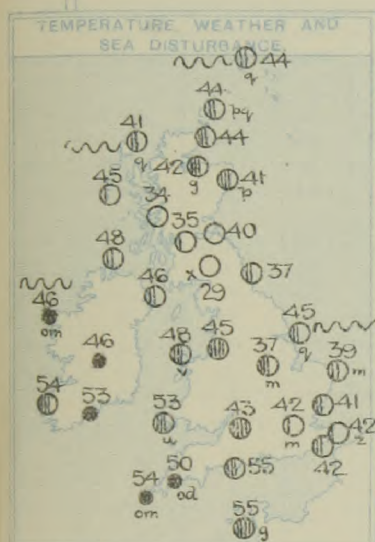
**FURTHER OUTLOOK.**



# SYNOPTIC CHART FOR 7 a.m., TUESDAY, 28<sup>TH</sup> SEPTEMBER, 1915.

## GENERAL INFERENCE

The depression in the south-west will spread slowly eastward and will occasion a shift of wind to the South or South-East over England, with a gradual extension of rainy weather.



## EXPLANATION.

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

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

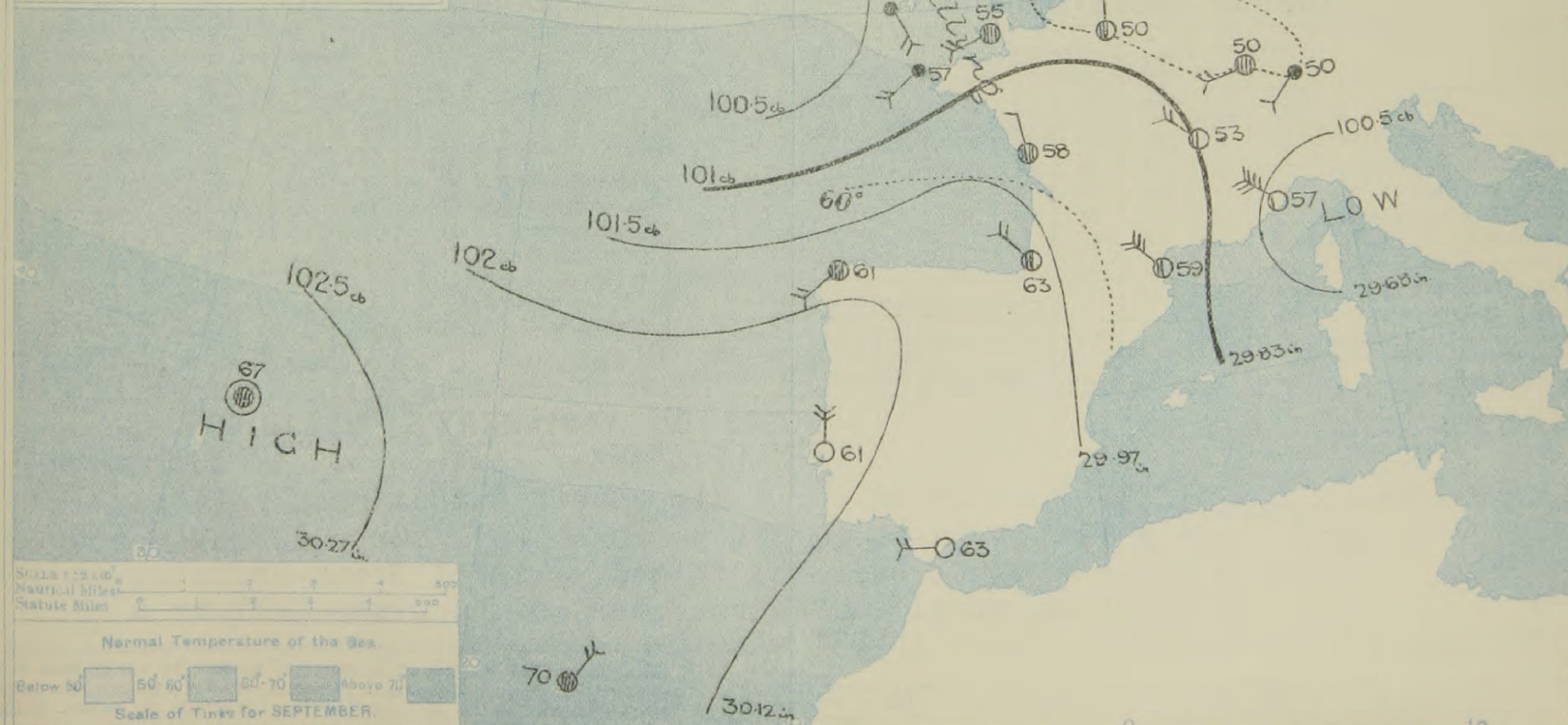
Force, on the scale 0-12, is indicated by the number of feathers.

**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 wavy. High wavy.





## DAILY WEATHER REPORT.

Tuesday, 27<sup>th</sup> September 1915.REPORTS  
FOR  
YESTERDAY.27<sup>th</sup> September

| STATIONS. | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |              |                           |        |                |                                 |          |             |      | Rain-fall.<br>Milli-<br>metres. | TEMP. |  |
|-----------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|------|---------------------------------|-------|--|
|           | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                                 | Min.  |  |
|           |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |      |                                 |       |  |
| Haparanda | 1007.9                                | 36    | N      | 2              | δ        | 1013.5                         | +2                       | 32           | -4                        | NNE    | 2              | -                               | 0        | *           | -    | 45                              | 28    |  |
| Hernösand | 1007.8                                | 41    | NW     | 2              | 0        | 1006.5                         | 0                        | 43           | +6                        | N      | 6              | N                               | c        | *           | -    | 50                              | 34    |  |
| Stockholm | 999.8                                 | 43    | ENE    | 8              | κ        | 995.7                          | 0                        | 39           | -4                        | ENE    | 6              | -                               | κ        | *           | 29   | 43                              | 39    |  |
| Nisby     | 994.6                                 | 52    | ENE    | 4              | κ        | 988.8                          | -2                       | 50           | -2                        | NE     | 2              | -                               | f        | *           | -    | 63                              | 48    |  |
| Karlstad  | 998.9                                 | 41    | NNE    | 6              | 0        | 996.7                          | 0                        | 39           | -6                        | ENE    | 6              | -                               | κ        | *           | 21   | 45                              | 34    |  |
| Petrograd | 1005.3                                | 43    | E      | 2              | κ        | 1004.7                         | -1                       | 41           | -2                        | E      | 3              | -                               | 0        | *           | -    | 48                              | 41    |  |
| Madrid    | 1007.4                                | 70    | WSW    | 3              | c        | 1011.5                         | +2                       | 55           | -                         | WSW    | 3              | -                               | 0        | *           | -    | 73                              | 52    |  |
| Rome      | 1008.8                                | 68    | SE     | 1              | 0        | 1006.9                         | +1                       | 70           | -                         | S      | 1              | -                               | c        | *           | -    | 73                              | 66    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm. § | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. | STATIONS.             | Rainfall.<br>mm. § | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m. |
|---------------------|--------------------|--------------|------|-----------|------------|-------------------------------|-----------------------|--------------------|--------------|------|-----------|------------|-------------------------------|
|                     |                    | Max.         | Min. | Forenoon. | Afternoon. |                               |                       |                    | Max.         | Min. | Forenoon. | Afternoon. |                               |
| Scotland.           |                    |              |      |           |            |                               |                       |                    |              |      |           |            |                               |
| Oban ...            | ...                | 56           | 43   | δ.δ.c     | cp.δ.c     | 6.0                           | Tunbridge Wells ...   | ...                | 58           | 49   | c.0       | 0          | 0.1                           |
| Banff ...           | 6                  | 52           | 46   | d.δ.c     | bc.δ       | 6.4                           | Margate ...           | ...                | 59           | 54   | c         | cp         | 0.7                           |
| Carnoustie ...      | 1                  | 55           | 43   | bc.0.c    | c.0.p      | 6.5                           | Ramsgate ...          | ...                | 57           | 51   | c         | c.0.δ      | 1.3                           |
| St. Andrews ...     | 1                  | 53           | 46   | *         | *          | 6.9                           | Hastings ...          | 0.3                | 61           | 52   | op.δ.c    | 0          | 1.4                           |
| England, N.E.       |                    |              |      |           |            |                               | Bexhill-on-Sea ...    | ...                | 61           | 53   | o.δ.op    | δ.c.0      | 1.4                           |
| Harrogate ...       | ...                | 52           | 45   | c.δ.c     | δ.c.c.δ.c  | 3.8                           | Eastbourne ...        | ...                | 62           | 51   | c         | c          | 1.2                           |
| Skegness ...        | ...                | 55           | 47   | ou        | ou.δ       | 1.2                           | Seaford ...           | ...                | 61           | 53   | c.0.c     | c.0        | 0.3                           |
| England, N.W.       |                    |              |      |           |            |                               | Brighton ...          | ...                | 62           | 51   | c         | 0          | 0.2                           |
| Morecambe ...       | ...                | 55           | 48   | δ.c.δ     | δ.δ.c      | 5.3                           | Worthing ...          | ...                | 60           | 54   | op.δ.c    | 0          | 1.0                           |
| Blackpool ...       | 0.2                | 57           | 49   | c         | δ.c        | 3.4                           | Littlehampton ...     | 3                  | 61           | 51   | op        | 0          | 1.4                           |
| Southport ...       | ...                | 54           | 49   | o.c.δ.c   | c.0.c      | 4.0                           | Bognor ...            | 0.2                | 60           | 52   | δ.c       | 0          | 1.7                           |
| Midlands.           |                    |              |      |           |            |                               | Bournemouth ...       | ...                | 58           | 49   | 0         | 0          | 0.6                           |
| Buxton ...          | 1                  | 52           | 45   | δ.c       | δ.c.m      | 0.1                           | Weymouth ...          | 1                  | 59           | 52   | c.δ.c     | δ.c.c.0    | 0.5                           |
| Leamington Spa ...  | 1                  | 60           | 50   | c         | c          | 0.0                           | Torquay ...           | ...                | 61           | 51   | δ.δ.c     | δ.c.c.0    | 3.3                           |
| Malvern ...         | ...                | 59           | 44   | c         | c.δ.c.δ    | 0.2                           | Paignton ...          | ...                | 61           | 48   | bc        | c          | 2.5                           |
| Ross-on-Wye ...     | 1                  | 57           | 49   | 0         | 0          | 0.0                           | Falmouth ...          | 3                  | 56           | 51   | op        | c.0        | 1.1                           |
| Wales.              |                    |              |      |           |            |                               | Penzance ...          | 3                  | 57           | 52   | c         | 0          | 1.0                           |
| Rhyl ...            | 3                  | 54           | 50   | o.δ.c     | og         | 2.3                           | Newquay ...           | ...                | 57           | 54   | 0         | 0          | 0.0                           |
| Colwyn Bay ...      | 4                  | 55           | 51   | c         | c.0        | 2.0                           | Ilfracombe ...        | ...                | 59           | 51   | o.δ.c     | c          | 0.2                           |
| Llandudno ...       | ...                | 56           | 51   | κ.c.c     | c.0        | 0.0                           | Weston-super-Mare ... | ...                | 59           | 51   | o.δ.c     | c          | 0.2                           |
| Aberystwyth ...     | 2                  | 56           | 51   | κ.c.c     | c.0        | 0.0                           |                       |                    |              |      |           |            |                               |
| Tenby ...           | 1                  | 61           | 50   | δ.c.op    | δ.c        | 1.3                           |                       |                    |              |      |           |            |                               |
| England, E.         |                    |              |      |           |            |                               |                       |                    |              |      |           |            |                               |
| Cromer ...          | 5                  | 56           | 52   | og        | o.c        | 0.3                           |                       |                    |              |      |           |            |                               |
| Lowestoft ...       | 2                  | 58           | 49   | op.c.0    | op         | 1.2                           |                       |                    |              |      |           |            |                               |
| Felixstowe ...      | ...                | 58           | 51   | c         | c          | 0.1                           |                       |                    |              |      |           |            |                               |
| Walton-on-Naze ...  | ...                | 56           | 51   | cm.c      | c.cm       | 0.1                           |                       |                    |              |      |           |            |                               |
| Southend-on-Sea ... | 1                  | 60           | 51   | ou.c      | 0          | 0.2                           |                       |                    |              |      |           |            |                               |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE. |      |                   | Rain-<br>fall. | WEATHER.       |                 |        |
|--|---------------------------|-----------------------|---|--------------|------|-------------------|----------------|----------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.   |      | Min. on<br>Grass. |                | Fore-<br>noon. | After-<br>noon. | Night. |
|  |                           |                       |   | Max.         | Min. |                   |                |                |                 |        |
|  |                           |                       |   |              |      |                   |                |                |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |              |      |                   |                |                |                 |        |
|  | %                         | %                     | Hr.                                     | ° F.         | ° F. | ° F.              | mm.‡           |                |                 |        |
| Greenwich (Royal Obs.) ...   | 77                        | 74                    | 0.2                                     | 58           | 39   | 28                | ~              | 0              | 0               | o.c.b  |
| City (Bunhill Row) ...   | ⌘                         | ⌘                     | 0.2                                     | ⌘            | ⌘    | ⌘                 | ⌘              | ⌘              | ⌘               | ⌘      |
| Westminster (St. James's Pk.)  | 76                        | 75                    |   | 58           | 40   | ?                 | ~              | 0              | 0               | om.bc  |
| Camden Sq. (Brit. Rainfall)  | 70                        | 81                    | 0.0                                     | 60           | 40   | 35                | ~              | c.0            | 0               | ⌘      |
| Hampstead (Reservoir) ...  | ⌘                         | 79                    | 0.3                                     | 57           | 37   | 23                | ~              | c.0            | 0               | o.b.c  |
| Richmond Park ...  | ⌘                         | ⌘                     |   |              |      |                   |                |                |                 |        |
| Kew. (See front page.)   |                           |                       |   |              |      |                   |                |                |                 |        |
| VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |                           |                       |   |              |      |                   |                |                |                 |        |
|  |                           |                       |   | Total.       |      | Average Rate.     |                | Max. Rate.     |                 |        |
|  |                           |                       |   | 44.1 Joules  |      | 10.3 Milliwatts.  |                | 36 Milliwatts. |                 |        |
| (Greenwich and Camden Square air temperatures are in Glaisher screens.)          |                           |                       |   |              |      |                   |                |                |                 |        |
| S. Kensington (Roof of M.O.)   | 75                        | 77                    | 0.1                                     |              |      |                   |                |                |                 |        |

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

| ... 27 <sup>th</sup> 28 <sup>th</sup> Sept. 1915. | Sunrise. | Noon.  | Sunset. |
|---|----------|--------|---------|
| G.M.T.  | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                                      | 5.49     | 11.44  | 5.38    |
| Greenwich ...                                     | 5.51     | 11.45  | 5.40    |
| Wick ...  | 6.14     | 12.3   | 5.54    |
| Valencia ...                                      | 6.27     | 12.32  | 6.24    |

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded;  
c. sky three parts clouded; d. drizzling rain; e. wet air without rain falling; f. fog; g. gloom; h. hail;  
l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder;  
u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hear frost; z. dust-haze, or smoke.

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 60° or slightly above it on our south coasts but at many northern stations it failed to reach 55°. Ground frost occurred at night over the inland parts of Great Britain; at Hampstead the thermometer on the grass fell to a minimum of 23°.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 272

Wednesday  
29th September, 1913.

|                        | STATIONS.             | YESTERDAY EVENING.                    |              |       |                | THIS MORNING 7 A.M., G.M.T. |                                       |                          |              |              |                           |       |                |                                 |          | PAST 24 HOURS. |                                     |       |   |            |              | Sun-<br>shine<br>for<br>Yester-<br>day. |        |  |
|------------------------|-----------------------|---------------------------------------|--------------|-------|----------------|-----------------------------|---------------------------------------|--------------------------|--------------|--------------|---------------------------|-------|----------------|---------------------------------|----------|----------------|-------------------------------------|-------|---|------------|--------------|---|--------|--|
|                        |                       | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND. |                | Weather.                    | Barom.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | TEMP.<br>°F. | Dry<br>Bulb. | Change<br>in 24<br>hours. | WIND. |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-5.    | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |   | WEATHER.   |              |   |        |  |
|                        |                       |                                       |              | Dir.  | Force<br>0-12. |                             |                                       |                          |              |              |                           | Dir.  | Force<br>0-12. |                                 |          |                |                                     | Max.  | Min.  | Morning.   | Afternoon.   |   | Night. |  |
| BRITISH ISLANDS.       | Lerwick ...           | 1001.8                                | 43           | N     | 5              | bcg                         | 1001.4                                | +1                       | 45           | +1           | 7                         | NNE   | 6              | -                               | oggp     | 5              | 4                                   | 47    | 41  | bcgp       | bcgp         | ogp.og                                  | Hours. |  |
|                        | Deerness ...          | 1002.7                                | 43           | NNW   | 5              | ogp                         | 1000.7                                | -                        | 44           | 0            | 7                         | NNE   | 5              | -                               | oggp     | 4              | 4                                   | 48    | 41  | bcgp       | bc.ogp       | c.ogp                                   | 6.7    |  |
|                        | Stornoway ...         | 1008.4                                | 44           | NNE   | 5              | bcg                         | 1006.8                                | 0                        | 42           | +1           | 7                         | NNE   | 5              | -                               | ogp      | 5              | 5                                   | 50    | 39  | bcgp       | bcgp         | bcgp                                    | 7.8    |  |
|                        | Castlebay (Barraisd.) | 1008.5                                | 47           | N     | 3              | b                           | 1008.0                                | 0                        | 45           | 0            | 7                         | N     | 3              | -                               | bc       | 3              | 3                                   | 52    | 39  | b          | bcp. b       | b.ogp. bc                               | 9.0    |  |
|                        | Glasgow ...           | 1005.4                                | 45           | N     | 2              | bc                          | 1004.2                                | -1                       | 36           | +1           | 7                         | N     | 2              | -                               | b        | *              | -                                   | 54    | 35  | b. bc      | bc           | bc. b. m. c.                            | 9.2    |  |
|                        | Eskdalemuir ...       | 1004.9                                | 40           | N     | 3              | bc                          | 1002.2                                | -1                       | 37           | +8           | 7                         | NNW   | 5              | -                               | bc       | *              | -                                   | 50    | 28  | bc. b. c.  | bc. b. c.    | bc. b.                                  | 10.0   |  |
|                        | Malin Head ...        | 1006.3                                | 49           | NNE   | 4              | bcg                         | 1006.4                                | -2                       | 46           | -2           | 7                         | N     | 5              | -                               | ogp      | 6              | 1                                   | 51    | 43  | bcg        | bcg. p.      | ogp                                     | 6.5    |  |
|                        | Blackod Point ...     | 1006.7                                | 48           | NNE   | 4              | bcgp                        | 1010.5                                | 0                        | 43           | -3           | 7                         | N     | 6              | -                               | bcgp     | 4              | 9                                   | 50    | 42  | bcg        | bcg. p.      | bcgp                                    | 6.5    |  |
|                        | Valencia ...          | 1001.9                                | 52           | N     | 3              | bc                          | 1011.5                                | +3                       | 50           | -4           | 7                         | N     | 3              | -                               | bc       | 4              | 1                                   | 59    | 46  | bc         | bc. p.       | ogp. o. c.                              | 7.1    |  |
|                        | Roche's Point ...     | 1003.5                                | 49           | NE    | 3              | o                           | 1009.4                                | *                        | 45           | -8           | 7                         | N     | 3              | -                               | b        | 2              | 9                                   | 55    | 42  | r. o       | ogp. c. o    | o. bc. b                                | *      |  |
|                        | Birr Castle ...       | 1004.6                                | 47           | NE    | 1              | c                           | 1009.4                                | *                        | 35           | -11          | 7                         | N     | 1              | -                               | bc       | *              | 4                                   | 47    | 33  | or         | or. c        | bc. c.                                  | 0.0    |  |
|                        | Donaghadee ...        | 1004.3                                | 48           | NE    | 4              | bc                          | 1005.2                                | 0                        | 46           | 0            | 7                         | NNW   | 5              | -                               | bcgp     | 5              | 2                                   | 50    | 44  | bc         | bc           | bc. m. c.                               | *      |  |
|                        | Liverpool (Bidston)   | 1002.2                                | 48           | NE    | 1              | o                           | 1002.9                                | 0                        | 40           | -5           | 7                         | NNE   | 2              | -                               | b        | 2              | -                                   | 51    | 39  | ogp        | ogp          | o. b. m.                                | 0.1    |  |
|                        | Holyhead ...          | 1002.3                                | 51           | NE    | 5              | o                           | 1004.0                                | +1                       | 48           | 0            | 7                         | NNE   | 6              | -                               | bc       | 5              | 1                                   | 55    | 47  | ogp. c. o  | ogp. o       | bc                                      | 0.4    |  |
|                        | Pembroke (St. Ann's)  | 1000.1                                | 46           | NNE   | 3              | c                           | 1004.3                                | +3                       | 45           | -8           | 7                         | N     | 2              | -                               | bcgp     | 2              | 8                                   | 53    | 42  | ogp        | ogp          | c                                       | 0.0    |  |
|                        | Scilly (St. Mary's)   | 999.0                                 | 55           | NW    | 5              | ogp                         | 1003.8                                | +6                       | 49           | -5           | 7                         | N     | 4              | -                               | ogp      | 5              | 6                                   | 59    | 47  | ogp        | ogp          | c. m. c.                                | 0.7    |  |
|                        | Falmouth ...          | 997.6                                 | 52           | NNW   | 3              | ogp                         | 1004.0                                | +5                       | 43           | -7           | 7                         | NNW   | 1              | -                               | ogp      | 2              | 3                                   | 60    | 42  | d. r. o    | ogp          | ogp. bc                                 | 0.8    |  |
|                        | Jersey (St. Aubin)    | 999.3                                 | 56           | NNW   | 4              | ogp                         | 998.7                                 | *                        | 50           | -5           | 7                         | N     | 3              | -                               | ogp      | 3              | 16                                  | 59    | 49  | ogp        | ogp          | ogp                                     | 0.0    |  |
|                        | Portland Bill ...     | 997.1                                 | 52           | NNE   | 4              | ogp                         | 999.3                                 | +5                       | 44           | -11          | 7                         | NNW   | 5              | -                               | ogp      | 4              | 7                                   | 58    | 43  | c. or      | ogp          | ogp. bc                                 | *      |  |
|                        | Dungeness ...         | 1001.0                                | 57           | SSW   | 4              | r                           | 992.3                                 | +2                       | 46           | +4           | 7                         | N     | 7              | -                               | ogp      | 5              | 16                                  | 60    | 41  | bc         | bc           | ogp                                     | 0.0    |  |
| Dover ...              | 1001.4                | 50                                    | SE           | 4     | r              | 992.6                       | -3                                    | 46                       | +4           | 7            | N                         | 7     | -              | ogp                             | 6        | 36             | 56                                  | 45    | ogp. b  | bc. c. or  | ogp          | 6.1                                     |        |  |
| Wick ...               | 1003.9                | 45                                    | NNW          | 4     | c              | 1001.6                      | +1                                    | 44                       | 0            | 7            | NNW                       | 4     | -              | c                               | 4        | 3              | 49                                  | 40    | ogp   | ogp        | bc. p.       | *                                       |        |  |
| Nairn ...              | 1006.0                | 43                                    | NNW          | 3     | ogp            | 1003.2                      | *                                     | 43                       | +1           | 7            | NNW                       | 5     | -              | ogp                             | 3        | 3              | 49                                  | 39    | ogp. bc   | ogp. bc    | ogp          | 5.6                                     |        |  |
| Aberdeen ...           | 1003.1                | 43                                    | NW           | 4     | b              | 1000.4                      | +1                                    | 42                       | +1           | 7            | NW                        | 3     | -              | ogp                             | 3        | 9              | 49                                  | 40    | bcgp  | bcgp. b    | bcgp. bc     | 7.2                                     |        |  |
| Leith ...              | 1003.8                | 49                                    | NNW          | 2     | c              | 1002.7                      | -1                                    | 38                       | -2           | 7            | N                         | 2     | -              | b                               | *        | -              | 52                                  | 37    | bc. c   | c          | c. bc. b     | 0.0                                     |        |  |
| Tynemouth ...          | 1003.1                | 45                                    | NNW          | 2     | bc             | 1000.7                      | -2                                    | 38                       | +1           | 7            | NNW                       | 3     | -              | bc                              | 4        | -              | 51                                  | 36    | bc  | bc         | bc           | 0.0                                     |        |  |
| Spurn Head ...         | 1002.6                | 48                                    | ENE          | 3     | o              | 997.7                       | -2                                    | 45                       | 0            | 7            | N                         | 6     | -              | ogp                             | 6        | 2              | 54                                  | 43    | bc  | bc. o      | ogp. bc      | 7.2                                     |        |  |
| Yarmouth ...           | 1001.2                | 52                                    | NE           | 2     | o              | 995.0                       | +1                                    | 46                       | +7           | 7            | NE                        | 5     | -              | ogp                             | 4        | 10             | 57                                  | 53    | bc. o   | o          | ogp          | 7.6                                     |        |  |
| Clacton-on-Sea ...     | 1001.8                | 54                                    | SSW          | 3     | o              | 995.0                       | +2                                    | 45                       | +4           | 7            | NW                        | 4     | -              | r                               | 2        | 28             | 58                                  | 40    | bc. c   | c. ogp     | ogp          | 7.7                                     |        |  |
| Nottingham ...         | 1001.5                | 48                                    | NE           | 3     | o              | 1000.0                      | *                                     | 40                       | +3           | 7            | NNW                       | 4     | -              | c                               | *        | -              | 56                                  | 37    | m. c. o   | ogp        | ogp          | 1.7                                     |        |  |
| Bath ...               | 999.3                 | 48                                    | E            | 1     | r              | 1001.0                      | *                                     | 41                       | -2           | 7            | N                         | 3     | -              | c                               | *        | 18             | 53                                  | 40    | ogp   | ogp        | ogp          | 0.0                                     |        |  |
| St. Farnborough ...    | 997.7                 | 47                                    | ENE          | 3     | r              | 998.0                       | +3                                    | 42                       | +4           | 7            | NNW                       | 2     | -              | ogp                             | *        | 29             | 55                                  | 37    | ogp   | ogp        | ogp          | 0.0                                     |        |  |
| London (Kew Obs.)      | 1000.0                | 47                                    | E            | 3     | ogp            | 997.7                       | +3                                    | 43                       | +1           | 7            | NNW                       | 3     | -              | ogp                             | *        | 35             | 57                                  | 41    | bc. b. o  | ogp. bc. o | ogp. ogp. bc | 0.3                                     |        |  |
| NORTHERN EUROPE.       | Spitsbergen ...       | 1019.8                                | 23           | S     | 2              | o                           | 1018.1                                | 0                        | 25           | +6           | 5                         | 1     | -              | ogp                             | *        | *              | 25                                  | 18    | GALES.  |            |              |   |        |  |
|                        | Vardö ...             | 1020.2                                | 37           | -     | 0              | o                           | 1019.8                                | +1                       | 36           | -1           | 5                         | 1     | -              | ogp                             | 2        | *              | 37                                  | 34    | Duration and Extreme Force<br>in British Islands. |            |              |   |        |  |
|                        | Bodö ...              | 1012.6                                | 36           | E     | 2              | b                           | 1010.1                                | -3                       | 34           | -3           | 5                         | 2     | -              | ogp                             | 1        | -              | 41                                  | 30    |   |            |              |   |        |  |
|                        | Christiansund ...     | 1007.9                                | 43           | E     | 4              | c                           | 1008.3                                | 0                        | 39           | -2           | NE                        | 3     | -              | ogp                             | 3        | -              | 46                                  | 39    |   |            |              |   |        |  |
|                        | Skudesnaes ...        | 995.8                                 | 45           | ENE   | 4              | o                           | 995.4                                 | 0                        | 43           | ?            | ENE                       | 2     | -              | ogp                             | 2        | -              | 50                                  | 39    |   |            |              |   |        |  |
|                        | Færder (X'ania Fjord) | 993.0                                 | 37           | NNE   | 7              | r                           | 995.1                                 | +4                       | 39           | +2           | 7                         | N     | 6              | -                               | ogp      | 2              | 40                                  | 39    | 34  |            |              |   |        |  |
|                        | The Scaw (Skagen)     | 985.7                                 | 46           | ENE   | 7              | o                           | 993.0                                 | +4                       | 45           | 0            | 7                         | N     | 2              | -                               | ogp      | 3              | 28                                  | 52    | 39  |            |              |   |        |  |
|                        | Blaavands Huk ...     | 995.3                                 | 50           | NNW   | 4              | c                           | 995.5                                 | 0                        | 50           | 0            | 7                         | WSW   | 1              | -                               | ogp      | 2              | 7                                   | 52    | 46  |            |              |   |        |  |
|                        | Haparanda ...         | 1011.4                                | 36           | N     | 4              | S                           | 1007.7                                | -1                       | 34           | -2           | NE                        | 4     | -              | ogp                             | 1        | 6              | 39                                  | 34    |   |            |              |   |        |  |
|                        | Hernösand ...         | 1003.8                                | 37           | N     | 6              | o                           | 997.5                                 | -3                       | 34           | +2           | 7                         | N     | 4              | -                               | ogp      | *              | 22                                  | 39    | 34  |            |              |   |        |  |
| Stockholm ...          | 995.1                 | 37                                    | NE           | 2     | r              | 992.2                       | +3                                    | 43                       | +4           | 7            | SSW                       | 2     | -              | ogp                             | *        | 12             | 43                                  | 37    |   |            |              |   |        |  |
| Wisby ...              | 991.9                 | 48                                    | ENE          | 4     | o              | 997.3                       | +5                                    | 46                       | +3           | 7            | WSW                       | 4     | -              | ogp                             | *        | 7              | 48                                  | 43    |   |            |              |   |        |  |
| Karlstad ...           | 995.1                 | 37                                    | ENE          | 4     | r              | 992.8                       | +1                                    | 37                       | -2           | 7            | N                         | 4     | -              | ogp                             | *        | 20             | 43                                  | 32    |   |            |              |   |        |  |
| Petrograd ...          | 1011.4                | 36                                    | N            | 4     | S              | 1007.7                      | -1                                    | 34                       | -2           | NE           | 4                         | -     | ogp            | 1                               | 6        | 39             | 34                                  |       |   |            |              |   |        |  |
| FRANCE, & C.           | The Helder ...        | 1002.4                                | 52           | N     | 5              | c                           | 994.1                                 | -3                       | 46           | -8           | ENE                       | 4     | -              | ogp                             | 3        | 4              | 55                                  | 50    |   |            |              |   |        |  |
|                        | C. Gris Nez ...       | 1001.9                                | 50           | ENE   | 3              | r                           | 989.7                                 | 0                        | 52           | +2           | 7                         | NE    | 7              | -                               | ogp      | 1              | 15                                  | 55    | 48  |            |              |   |        |  |
|                        | La Hève ...           | 998.9                                 | 55           | SW    | 4              | o                           | 994.9                                 | *                        | 48           | -5           | 7                         | N     | 5              | -                               | ogp      | 5              | 6                                   | 59    | 46  |            |              |   |        |  |
|                        | Ushant ...            | 999.8                                 | 58           | N     | 3              | o                           | 1001.7                                | +4                       | 50           | -7           | 7                         | N     | 4              | -                               | ogp      | 4              | 5                                   | 63    | 50  |            |              |   |        |  |
|                        | Brest (St. Mathieu)   | 1005.8                                | 61           | SW    | 5              | o                           | 996.0                                 | 0                        | 54           | -4           | 7                         | NNE   | 5              | -                               | ogp      | *              | 22                                  | 64    | 54  |            |              |   |        |  |
|                        | Biarritz ...          | 1009.1                                | 63           | -     | 0              | o                           | 1001.0                                | 0                        | 57           | -6           | 7                         | WSW   | 5              | -                               | ogp      | 4              | 35                                  | 66    | 57  |            |              |   |        |  |
|                        | Paris ...             | 1004.3                                | 52           | SSE   | 2              | r                           | 994.3                                 | 0                        | 52           | +2           | 7                         | SSW   | 2              | -                               | ogp      | *              | 12                                  | 61    | 50  |            |              |   |        |  |
|                        | Belfort ...           | ?                                     | 50           | N     | 4              | o                           | 1001.2                                | *                        | 47           | -3           | 7                         | -     | 0              | -                               | ogp      | *              | 1                                   | 56    | 43  |            |              |   |        |  |
|                        | Lyons ...             | 1010.9                                | 53           | SW    | 1              | b                           | 1001.5                                | *                        | 51           | -2           | 7                         | S     | 2              | -                               | ogp      | *              | 4                                   | 64    | 47  |            |              |   |        |  |
|                        | Nice ...              | 1004.8                                | 61           | -     | 0              | c                           | 1005.6                                | +1                       | 58           | +1           | 7                         | -     | 0              | -                               | ogp      | 3              | -                                   | 73    | 54  |            |              |   |        |  |
| Perpignan ...          | 1011.0                | 59                                    | -            | 0     | b              | 1000.2                      | -2                                    | 57                       | -2           | 7            | SW                        | 1     | -              | ogp                             | *        | -              | 70                                  | 52    |   |            |              |   |        |  |
| Sanguinaire ...        | *                     | 69                                    | NNW          | 3     | c              | *                           | *                                     | 66                       | +2           | 7            | SE                        | 3     | -              | ogp                             | 5        | -              | 75                                  | 59    |   |            |              |   |        |  |
| SOUTHERN EUROPE.       | Corunna (7 a.m.)      | 1011.9                                | 61           | SW    | 6              | o                           | 1009.9                                | +3                       | 61           | 0            | NW                        | 5     | -              | ogp                             | ?        | 11             | 68                                  | 57    |   |            |              |   |        |  |
|                        | Madrid (8 a.m.)       | 1011.9                                | 66           | N     | 2              | b                           | 1001.6                                | +1                       | 55           | +1           | 7                         | N     | 2              | -                               | ogp      | *              | -                                   | 70    | 52  |            |              |   |        |  |
|                        | Lisbon (9 a.m.)       | 1016.0                                | 66           | NNW   | 3              | bc                          | 1013.7                                | 0                        | 63           | +2           | 7                         | NNW   | 1              | -                               | ogp      | 6              | Trace                               | 73    | 61  |            |              |   |        |  |
|                        | Gibraltar ...         | 1014.9                                | 67           | N     | 4              | b                           | 1013.9                                | *                        | 64           | +1           | 7                         | N     | 7              | -                               | ogp      | 3              | -                                   | 76    | 61  |            |              |   |        |  |
|                        | Rome ...              | *                                     | *            | *     | *              | *                           | 1013.1                                | +2                       | 70           | -2           | 7                         | NNW   | 3              | -                               | ogp      | 1              | -                                   | 75    | 66  |            |              |   |        |  |
|                        | Malta (3 a.m.)        | *                                     | *            | *     | *              | *                           | 1013.1                                | +2                       | 70           | -2           | 7                         | NNW   | 3              | -                               | ogp      | 1              | -                                   | 75    | 66  |            |              |   |        |  |
| Azores (Horta, 8 a.m.) | 1027.3                | *                                     | SW           | 1     | bc             | 1028.3                      | 0                                     | 66                       | -1           | 7            | -                         | 0     | -              | ogp                             | 1        | -              | 75                                  | 66    |   |            |              |   |        |  |
| Madeira (Funchal)      | 1021.6                | 75                                    | NE           | 3     | o              | 1021.2                      | 0                                     | 66                       | -4           | 7            | N                         | 3     | -              | ogp                             | 3        | -              | 73                                  | 66    |   |            |              |   |        |  |

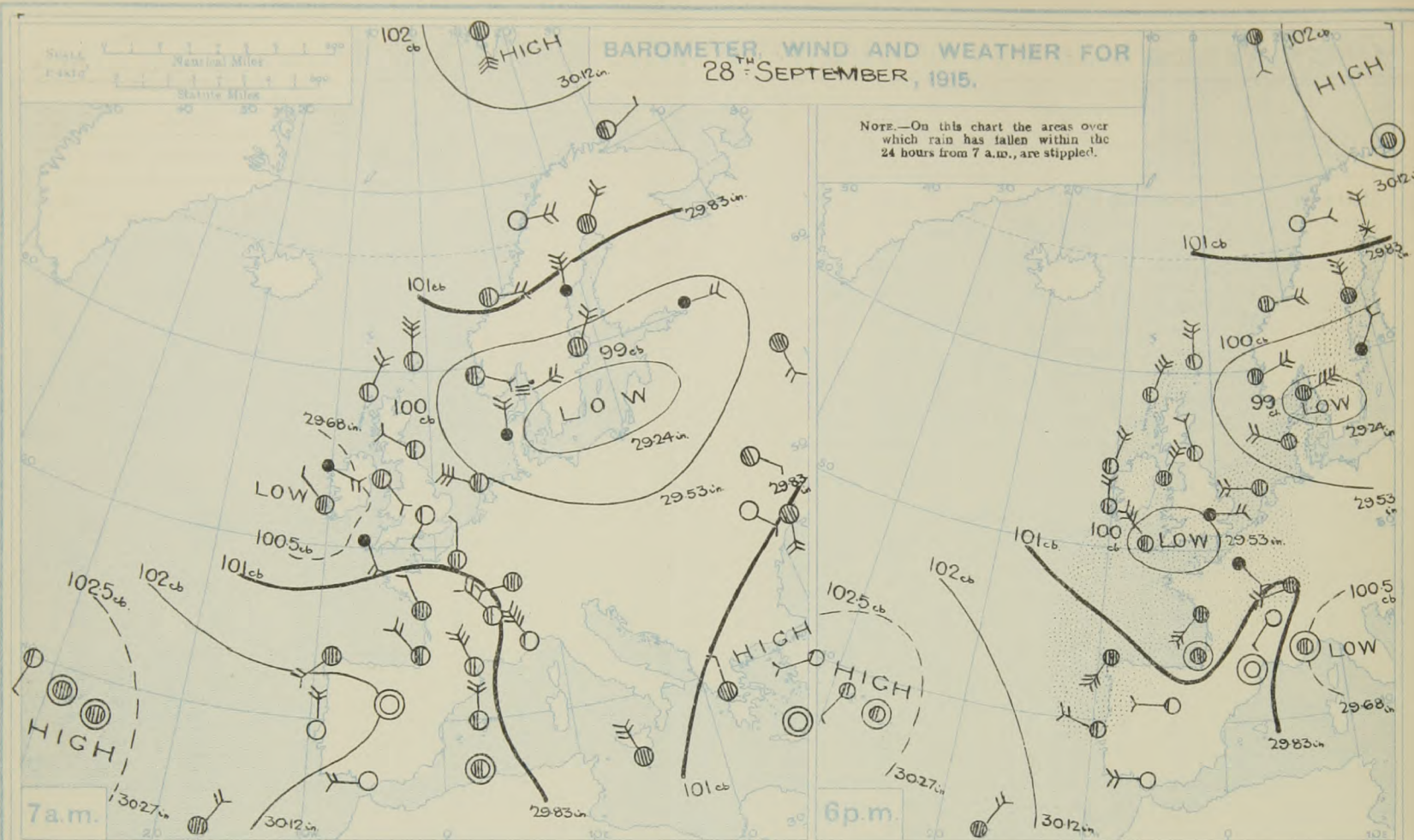
**GALES.**  
Duration and Extreme Force  
in British Islands.  
  
Aberdeen  
28th 2 p.m. Gust NNW 18 miles per second.

South Farnborough

Pilot Balloon Ascent at about 7 a.m.

500 metres N 4.5 miles per hour





**FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

No Warnings Issued.

Western Channel and Bay 11

Moderate or fresh Northerly winds; cold; changeable, some showers, fine intervals.

Same as No. 5.

Same as Nos. 0 to 2.

Fresh or strong Northerly winds moderating later; cold; changeable, some showers, fine intervals.

Same as Nos. 0 to 2.

Moderate or fresh Northerly winds; mostly fair, but some local showers; remaining cold.

Strong Northerly and North-Westerly winds; with squally, showery weather and a rough sea; remaining cold.

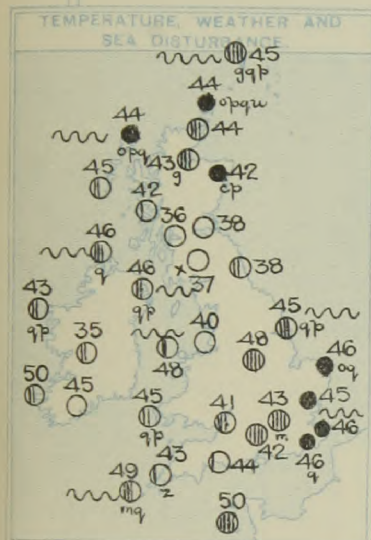
**FURTHER OUTLOOK.**



# SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 29<sup>th</sup> SEPTEMBER, 1915.

## GENERAL INFERENCE.

The depression over the Netherlands will continue to move eastwards. A gradual improvement in the weather will take place over the United Kingdom but the conditions will remain for the present cold and showery.



## EXPLANATION.

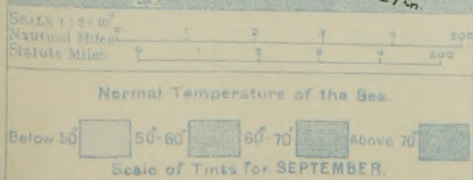
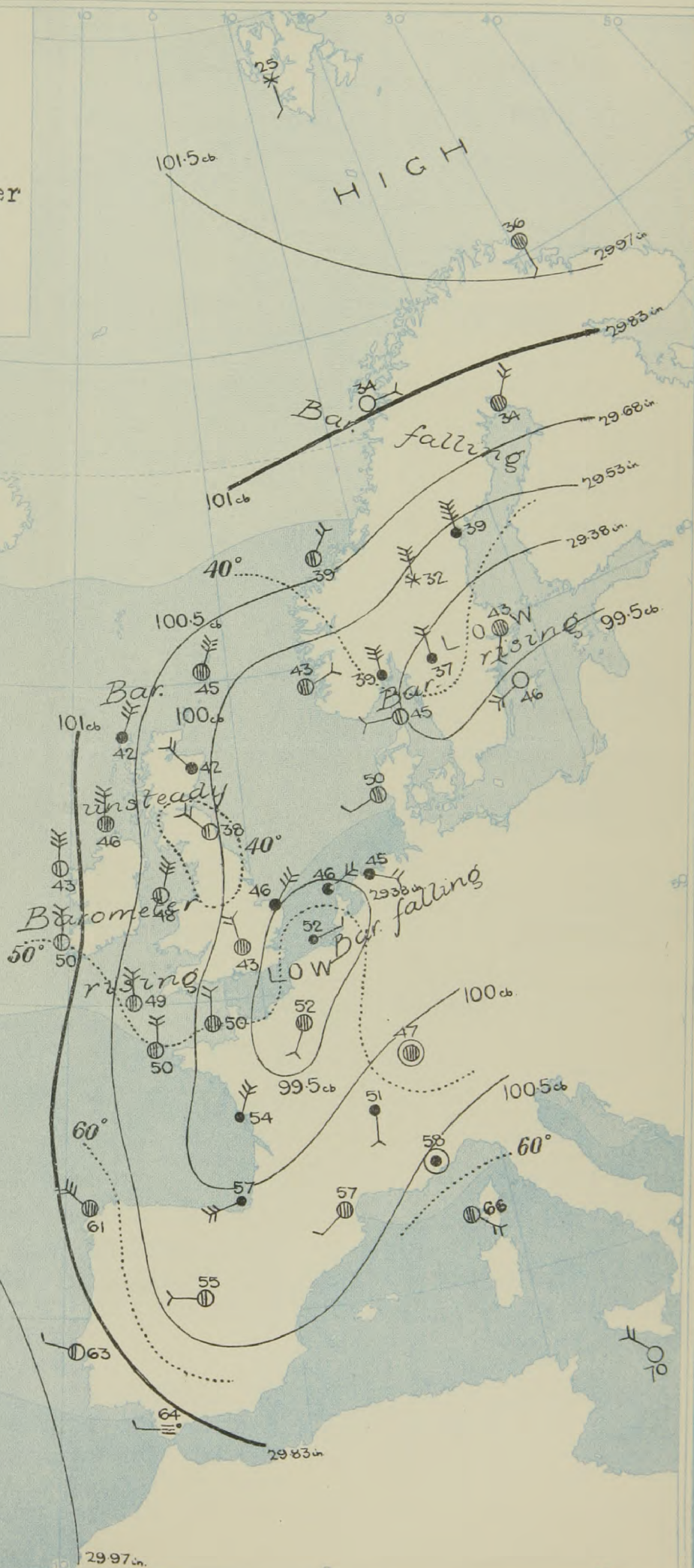
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**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 1/2 clouded. ○ sky 3/4 clouded.  
 ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 K, thunderstorm.

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





# DAILY WEATHER REPORT

Wednesday, 29<sup>th</sup> Sept. 1915.

## REPORTS FOR YESTERDAY.

28<sup>th</sup> September

| STATIONS.   | EVENING OBSERVATIONS.                 |       |        |                |          | OBSERVATIONS AT 7 A.M., G.M.T. |                          |              |                           |        |                |                                 |          |             |                                     |       |      |
|-------------|---------------------------------------|-------|--------|----------------|----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|-------------------------------------|-------|------|
|             | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP. | WIND.  |                | Weather. | BAROMETER.                     |                          | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |      |
|             |                                       |       | Direc. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L.    | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |                                     | Max.  | Min. |
|             |                                       |       |        |                |          |                                |                          |              |                           |        |                |                                 |          |             |                                     |       |      |
| ° F.        |                                       |       |        |                |          |                                |                          | ° F.         | ° F.                      |        |                |                                 |          |             |                                     |       |      |
| Petrograd   | 1000.0                                | 39    | E      | 2              | 0        | 996.0                          | -1                       | 41           | 0                         | E      | 3              | -                               | h        | *           | 1                                   | 43    | 39   |
| Sanguinaire | *                                     | 64    | NW     | 5              | h        | *                              | *                        | 64           | -                         | NW     | 6              | *                               | m        | 5           | 13                                  | 68    | 57   |
| Madrid      | 1012.8                                | 66    | NW     | 4              | 3        | 1020.0                         | -2                       | 54           | -1                        | S      | 1              | -                               | h        | *           | *                                   | 68    | 46   |
| Malta       | *                                     | *     | *      | *              | *        | 1006.6                         | 0                        | 72           | -7                        | NNW    | 5              | -                               | 0        | 4           | *                                   | 84    | 70   |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall.<br>mm. & . | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. | STATIONS.             | Rainfall.<br>mm. & . | TEMPERATURE. |      | WEATHER.  |            | Sun-<br>shine<br>to<br>6 p.m.<br>Hr. |
|---------------------|----------------------|--------------|------|-----------|------------|--------------------------------------|-----------------------|----------------------|--------------|------|-----------|------------|--------------------------------------|
|                     |                      | Max.         | Min. | Forenoon. | Afternoon. |                                      |                       |                      | Max.         | Min. | Forenoon. | Afternoon. |                                      |
| Scotland.           |                      | ° F.         | ° F. |           |            |                                      | (Tunbridge Wells ...  | 3                    | 56           | 37   | bc.c      | oc         | 1.9                                  |
| Oban ...            | ...                  | 54           | 31   | h         | h          | 7.0                                  | Margate ...           | ...                  | 59           | 44   | h         | b.bc.c     | 6.7                                  |
| Banff ...           | ...                  | 53           | 35   | bc.c      | c          | 10.0                                 | Ramsgate ...          | ...                  | 58           | 39   | bc        | c.o        | 6.4                                  |
| Carnoustie ...      | ...                  | 52           | 36   | *         | *          | 9.2                                  | Hastings ...          | 5                    | 57           | 42   | bc.c      | oc         | 2.5                                  |
| St. Andrews ...     | ...                  | 52           | 33   | h         | bc.c       | 9.4                                  | Bexhill-on-Sea ...    | ...                  | 56           | 43   | bc.o      | ocg        | 0.8                                  |
| Engl. N.E.          |                      | ° F.         | ° F. |           |            |                                      | Eastbourne ...        | 4                    | 58           | 42   | bc        | r          | 0.8                                  |
| Harrogate ...       | ...                  | 55           | 35   | bc.c      | bc.o       | 6.4                                  | Seaford ...           | 8                    | 58           | 42   | bc        | r          | 0.8                                  |
| Skegness ...        | ...                  | 54           | 32   | h         | h          | 10.0                                 | Brighton ...          | 10                   | 56           | 43   | c.o       | oc         | 0.8                                  |
| Engl. N.W.          |                      | ° F.         | ° F. |           |            |                                      | Worthing ...          | 13                   | 55           | 39   | bc.c      | oc         | 0.4                                  |
| Morecambe ...       | ...                  | 59           | 33   | b.bc      | b          | 9.1                                  | Littlehampton ...     | ?                    | 61           | 5    | bc        | h          | 0.2                                  |
| Blackpool ...       | ...                  | 53           | 35   | bc.c      | bc         | 4.2                                  | Bognor ...            | 3                    | 55           | 42   | op        | oc         | 0.3                                  |
| Southport ...       | ...                  | 49           | 32   | bc        | bc         | 0.1                                  | Southsea ...          | 15                   | 56           | 43   | o         | oc         | 0.5                                  |
| Midlands.           |                      | ° F.         | ° F. |           |            |                                      | Bournemouth ...       | 14                   | 57           | 45   | oc        | h          | 0.0                                  |
| Buxton ...          | ...                  | 55           | 40   | bc        | c.o        | 3.1                                  | Weymouth ...          | 13                   | 57           | 48   | c.o       | h.o        | 0.0                                  |
| Leamington Spa ...  | 0.1                  | 56           | 45   | c         | c.o        | 0.3                                  | Torquay ...           | 7                    | 58           | 50   | oc        | c.c        | 0.0                                  |
| Malvern ...         | 2                    | 53           | 36   | em.o      | or         | 0.0                                  | Paignton ...          | 8                    | 56           | 44   | o.or      | o.c        | 0.0                                  |
| Ross-on-Wye ...     | 3                    | 55           | 42   | o.bc      | cg         | 1.4                                  | Falmouth ...          | 3                    | 60           | 50   | h.o       | o          | 0.8                                  |
| Wales.              |                      | ° F.         | ° F. |           |            |                                      | Penzance ...          | 3                    | 60           | 50   | h.o       | c          | 1.4                                  |
| Rhyl ...            | 0.1                  | 53           | 44   | c         | bc.o       | 2.0                                  | Newquay ...           | 8                    | 57           | 49   | oc        | o.p.g      | 0.0                                  |
| Colwyn Bay ...      | ...                  | 52           | 43   | h.o       | c.o        | 0.3                                  | Ilfracombe ...        | 7                    | 53           | 49   | o         | oc         | 0.0                                  |
| Llandudno ...       | ...                  | 51           | 43   | r         | r          | 0.0                                  | Weston-super-Mare ... | 6                    | 52           | 46   | oc        | h          | 0.0                                  |
| Aberystwyth ...     | 2                    | 54           | 42   | bc.c      | bc.c       | 7.8                                  |                       |                      |              |      |           |            |                                      |
| Tenby ...           | 9                    | 57           | 38   | bc.c      | bc.c       | 7.5                                  |                       |                      |              |      |           |            |                                      |
| England, E.         |                      | ° F.         | ° F. |           |            |                                      |                       |                      |              |      |           |            |                                      |
| Cromer ...          | ...                  | 56           | 39   | bc        | cm         | 6.6                                  |                       |                      |              |      |           |            |                                      |
| Lowestoft ...       | ...                  | 57           | 38   | bc        | bc.o       | 6.7                                  |                       |                      |              |      |           |            |                                      |
| Felixstowe ...      | ...                  | 57           | 38   | bc        | bc.o       | 6.7                                  |                       |                      |              |      |           |            |                                      |
| Walton-on-Naze ...  | ...                  | 60           | 40   | b.bc      | c.or       | 4.5                                  |                       |                      |              |      |           |            |                                      |
| Southend-on-Sea ... | 0.3                  |              |      |           |            |                                      |                       |                      |              |      |           |            |                                      |

## LONDON OBSERVATIONS.

| STATIONS.  | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.   |      |                                   | Rain-<br>fall. | WEATHER.                     |                 |        |
|--|---------------------------|-----------------------|---|--|------|-----------------------------------|----------------|------------------------------|-----------------|--------|
|  | 3 p.m.<br>Yester-<br>day. | 6 a.m.<br>To-<br>day. |   | In Screen.   |      | Min. on<br>Grass.                 |                | Fore-<br>noon.               | After-<br>noon. | Night. |
|  |                           |                       |   | Max.   | Min. |                                   |                |                              |                 |        |
|  |                           |                       |   |  |      |                                   |                |                              |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.  |                           |                       |   |  |      |                                   |                |                              |                 |        |
| Greenwich (Royal Obs.) ...   | %                         | %                     | Hr.                                     | ° F.   | ° F. | ° F.                              | mm. &          |                              |                 |        |
| City (Bunhill Row) ...   | 69                        | 84                    | 2.4                                     | 59   | 40   | 42                                | 42             | bc.o                         | or              | or.o   |
| Westminster (St. James's Pk.)  | *                         | *                     | 1.3                                     | *  | *    | *                                 | *              | *                            | *               | *      |
| Camden Sq. (Brit. Rainfall)  | 67                        | 86                    | 1.8                                     | 56   | 41   | 42                                | 43             | bc.o.or                      | or              | or.62  |
| Hampstead (Reservoir) ...  | 70                        | 90                    | 1.2                                     | 58   | 40   | 41                                | 38             | bm.o                         | o.or            | *      |
| Richmond Park  | *                         | 88                    | 2.6                                     | 57   | 34   | 32                                | 40             | c.or                         | or              | or.o   |
| Kew. (See front page.)   | *                         | *                     |   | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |      |                                   |                |                              |                 |        |
| (Greenwich and Camden Square air<br>temperatures are in Glaisher screens.) |                           |                       |   |  |      |                                   |                |                              |                 |        |
| S. Kensington (Roof of M.O.)   | 65                        | 86                    | 1.8                                     | Total.<br>698 Joules   |      | Average Rate.<br>16.4 Milliwatts. |                | Max. Rate.<br>49 Milliwatts. |                 |        |

## Additional Observations for Yesterday.

| STATIONS.                  | RAIN-<br>FALL. | TEMPERATURE. |      |                               | WEATHER. |                |                 | Sun-<br>shine<br>for<br>Yester-<br>day. |
|----------------------------|----------------|--------------|------|-------------------------------|----------|----------------|-----------------|---|
|                            |                | In Screen.   |      | Night<br>Min.<br>on<br>Grass. | Night.   | Fore-<br>noon. | After-<br>noon. |   |
|                            |                | Max.         | Min. |                               |          |                |                 |   |
|                            | 10.0, &        | ° F.         | ° F. | ° F.                          |          |                |                 | Hr.                                     |
| Dublin to 4 p.m.           |                |              |      |                               |          |                |                 | *                                       |
| Darwen to 9 p.m.           |                |              |      |                               |          |                |                 |   |
| Manchester "               | 0.2            | 54           | 47   | *                             | od. 0    | o.c. 0         | o.c. bef        | 0.9                                     |
| Birmingham "               |                |              |      |                               | *        |                |                 |   |
| Oxford to 8 p.m.           |                |              |      |                               |          |                |                 | *                                       |
| Teignmouth to 9 "          | 2              | 55           | 50   | 49                            | 0        | r              | 0               | 0.0                                     |
| Plymouth "                 |                |              |      |                               |          |                |                 |   |
| S. Kensington              | 3              | 56           | 41   | 31                            | bc. b    | b. bc. 0       | o.c. negat      | *                                       |
| (Museum Grounds to 6 p.m.) |                |              |      |                               |          |                |                 |   |

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

| 29 <sup>th</sup> & 30 <sup>th</sup> Sept. 1915. | Sunrise. |        |        | Noon.  |        |        | Sunset. |        |        |
|---|----------|--------|--------|--------|--------|--------|---------|--------|--------|
|   | G.M.T.   | G.M.T. | G.M.T. | G.M.T. | G.M.T. | G.M.T. | G.M.T.  | G.M.T. | G.M.T. |
| Yarmouth ...                                    | 5.51     | 11.43  | 5.35   | 5.53   | 11.43  | 5.33   | 5.53    | 11.43  | 5.33   |
| Greenwich ...                                   | 5.52     | 11.43  | 5.35   | 5.52   | 11.43  | 5.35   | 5.52    | 11.43  | 5.35   |
| Wick ...  | 6.14     | 12.2   | 5.50   | 6.17   | 12.2   | 5.47   | 6.17    | 12.2   | 5.47   |
| Valencia ...                                    | 6.34     | 12.31  | 6.32   | 6.41   | 12.31  | 6.21   | 6.41    | 12.31  | 6.21   |

## NOTES ON YESTERDAY'S WEATHER.

Over the greater part of the United Kingdom the thermometer failed to reach 60° and in the north of Scotland it did not touch 50°. Heavy rain was experienced over the south-eastern quarter of England, the measurement in the London district amounting to more than 40 millimetres.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 273.

Thursday,  
30th September 1915.

| DATE.                     | STATIONS.              | YESTERDAY EVENING.                    |              |       |                |          | THIS MORNING 7 A.M., G.M.T.           |                          |              |                           |       |                |                                 |          |             |                                     | PAST 24 HOURS. |   |          |            |          | Sun-<br>shine<br>for<br>Yester-<br>day. |
|---------------------------|------------------------|---------------------------------------|--------------|-------|----------------|----------|---------------------------------------|--------------------------|--------------|---------------------------|-------|----------------|---------------------------------|----------|-------------|-------------------------------------|----------------|---|----------|------------|----------|---|
|                           |                        | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>°F. | WIND. |                | Weather. | Barom.<br>Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | WIND. |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.          |   | WEATHER. |            |          |   |
|                           |                        |                                       |              | Dir.  | Force<br>0-12. |          |                                       |                          |              |                           | Dir.  | Force<br>0-12. |                                 |          |             |                                     | Max.           | Min.  | Morning. | Afternoon. | Night.   |   |
| BRITISH ISLANDS.          | Lerwick ...            | 1005.5                                | 45           | NNE   | 5              | bcg      | 1008.1                                | 0                        | 44           | -1                        | NNE   | 5              | N                               | bcg      | 5           | 3                                   | 47             | 40  | cg       | cg         | bcg      | Hours.                                  |
|                           | Deerness ...           | 1006.1                                | 46           | N     | 6              | bcg      | 1008.4                                | 0                        | 43           | -1                        | N     | 5              | N                               | bc       | 3           | 4                                   | 48             | 42  | cg       | o.c.bc.b   | bc.gp.bc | 1.7                                     |
|                           | Stornoway ...          | 1011.6                                | 44           | N     | 6              | cg       | 1013.6                                | +1                       | 38           | -4                        | N     | 2              | -                               | bc       | 4           | 6                                   | 49             | 38  | bc.gp    | cg         | bc.gp    | 5.8                                     |
|                           | Castlebay (Barra Isd.) | 1011.9                                | 47           | N     | 4              | b        | 1014.2                                | +2                       | 44           | -1                        | N     | 2              | N                               | bc       | 2           | 3                                   | 52             | 42  | bc       | bc.b       | b.gp.bc  | 9.6                                     |
|                           | Glasgow ...            | 1006.4                                | 45           | NNE   | 2              | c        | 1011.1                                | +4                       | 39           | +3                        | WNW   | 2              | N                               | b        | *           | 1                                   | 51             | 35  | b.bc.c.o | c.o.c      | c.o.c.bc | 5.0                                     |
|                           | Eskealemuir ...        | 1004.2                                | 41           | N     | 5              | od       | 1009.8                                | +3                       | 39           | +2                        | NNW   | 4              | -                               | b        | *           | 1                                   | 48             | 36  | b.bc.g   | cg.o       | c.bc.b   | 6.7                                     |
|                           | Malin Head ...         | 1010.0                                | 49           | N     | 8              | bcg      | 1013.2                                | +1                       | 48           | +2                        | N     | 8              | N                               | bcg      | 6           | 3                                   | 50             | 42  | bcg      | bcg        | cg       | 7.9                                     |
|                           | Blacksod Point ...     | 1015.2                                | 47           | N     | 7              | bcg      | 1016.6                                | +1                       | 45           | +2                        | N     | 4              | NE                              | bc       | 3           | 3                                   | 52             | 42  | bcg      | bcg        | bcg      | *                                       |
|                           | Valencia ...           | 1013.9                                | 51           | N     | 5              | b        | 1016.6                                | +2                       | 49           | -1                        | -     | 0              | N                               | bc       | 4           | 4                                   | 55             | 47  | bcg      | cg         | bcg      | 8.2                                     |
|                           | Roche's Point ...      | 1011.5                                | 51           | N     | 4              | b        | 1016.1                                | *                        | 44           | -1                        | NNW   | 2              | -                               | b        | 2           | 1                                   | 53             | 43  | b.bcg    | bc.b       | b        | *                                       |
|                           | Birr Castle ...        | 1012.0                                | 46           | NW    | 2              | c        | 1015.9                                | *                        | 34           | -1                        | NW    | 1              | -                               | b        | *           | 1                                   | 52             | 34  | cg       | cg         | bc       | 7.0                                     |
|                           | Donaghadee ...         | 1006.2                                | 49           | N     | 6              | bcg      | 1010.6                                | +2                       | 47           | +1                        | N     | 7              | N                               | bcg      | 5           | 0.2                                 | 52             | 44  | bcg      | bcg        | bcg      | *                                       |
|                           | Liverpool (Bidston)    | 1002.7                                | 56           | NNW   | 2              | bc       | 1009.0                                | +2                       | 46           | +6                        | N     | 3              | N                               | b        | 3           | 1                                   | 52             | 40  | bcg      | b          | bcg      | 8.4                                     |
|                           | Holyhead ...           | 1004.4                                | 52           | N     | 6              | cg       | 1010.1                                | +3                       | 59           | +2                        | NNE   | 5              | NE                              | c        | 5           | 1                                   | 54             | 46  | cg.p.c   | c.bcg      | bc.c     | 7.2                                     |
|                           | Pembroke (St. Ann's)   | 1007.4                                | 44           | NNW   | 5              | c        | 1011.5                                | +2                       | 45           | 0                         | N     | 4              | N                               | cg       | 3           | 10                                  | 53             | 42  | bcg      | cg         | cg       | 6.0                                     |
|                           | Scilly (St. Mary's)    | 1007.1                                | 52           | NNW   | 6              | cg       | 1011.8                                | +2                       | 51           | +2                        | NNW   | 6              | N                               | cg       | 6           | 1                                   | 55             | 47  | cg       | cg         | cg       | 6.7                                     |
|                           | Falmouth ...           | 1007.1                                | 43           | NNE   | 1              | bc       | 1011.2                                | +3                       | 45           | +2                        | N     | 3              | NW                              | bcg      | 3           | 7                                   | 54             | 41  | bcg      | bcg        | c.bcg    | 6.7                                     |
|                           | Jersey (St. Aubin)     | 1003.3                                | 53           | NW    | 3              | b        | 1006.9                                | *                        | 46           | -4                        | W     | 3              | W                               | cg       | 3           | 4                                   | 56             | 43  | o.bc     | b          | cg       | 6.5                                     |
|                           | Portland Bill ...      | 1003.0                                | 49           | NNW   | 4              | bc       | 1007.4                                | +3                       | 43           | -1                        | N     | 4              | N                               | c        | 3           | -                                   | 54             | 42  | bc       | bc         | bc.c     | *                                       |
|                           | Dungeness ...          | 999.9                                 | 48           | NNW   | 3              | bc       | 1004.6                                | +3                       | 39           | -7                        | WNW   | 3              | -                               | cg       | 3           | -                                   | 51             | 34  | cg       | cg.c.bc    | cg.bcg   | *                                       |
|                           | Dover ...              | 999.3                                 | 45           | NW    | 4              | bc       | 1004.1                                | +3                       | 41           | -5                        | NW    | 5              | NW                              | c        | 3           | 6                                   | 49             | 39  | cg.o     | cg.c.bc    | bc.c.o   | 0.0                                     |
| Wick ...                  | 1006.5                 | 45                                    | NNE          | 4     | c              | 1009.5   | +2                                    | 42                       | -2           | NNW                       | 4     | N              | c                               | 4        | 2           | 48                                  | 40             | cg  | cg       | bcg        | *        |   |
| Nairn ...                 | 1007.3                 | 46                                    | NNE          | 4     | c              | 1010.4   | *                                     | 42                       | -1           | N                         | 4     | -              | cg                              | 4        | 3           | 49                                  | 40             | cg  | cg       | cg         | 0.9      |   |
| Aberdeen ...              | 1004.1                 | 44                                    | N            | 4     | o              | 1008.2   | +3                                    | 42                       | 0            | NW                        | 3     | N              | b                               | 3        | 6           | 47                                  | 40             | c.gp  | cg       | bcg        | 2.0      |   |
| Leith ...                 | 1004.3                 | 47                                    | NNW          | 2     | o              | 1009.8   | +3                                    | 43                       | +5           | WNW                       | 2     | W              | b                               | *        | 0.1         | 50                                  | 38             | b.bc.c.o  | ord.o    | o.c        | *        |   |
| Tynemouth ...             | 1001.1                 | 44                                    | NNW          | 2     | bcg            | 1005.6   | +3                                    | 43                       | +5           | NNW                       | 4     | N              | cg                              | 6        | 15          | 50                                  | 38             | bc  | bcg      | mrq        | *        |   |
| Spurn Head ...            | 998.6                  | 48                                    | NNW          | 6     | cg             | 1002.7   | +4                                    | 45                       | 0            | NNW                       | 7     | -              | cg                              | 6        | 5           | 50                                  | 42             | bcg   | bcg      | bcg        | 4.1      |   |
| Yarmouth ...              | 997.5                  | 46                                    | NNW          | 4     | bc             | 1002.1   | +5                                    | 43                       | -3           | NW                        | 3     | NW             | bc                              | 3        | 5           | 54                                  | 42             | cg  | bcg      | bcg        | 3.5      |   |
| Clacton-on-Sea            | 999.1                  | 49                                    | NNW          | 3     | bc             | 1004.0   | +2                                    | 42                       | -3           | NNW                       | 3     | N              | o                               | 2        | 2           | 51                                  | 38             | cg.c  | c.bc     | bc.o       | 0.9      |   |
| Nottingham ...            | 1001.3                 | 47                                    | WNW          | 3     | b              | 1006.0   | *                                     | 44                       | +4           | NW                        | 3     | NW             | cg                              | *        | -           | 52                                  | 38             | c.bc  | c.b      | bc.c       | 6.8      |   |
| Bath ...                  | 1003.1                 | 46                                    | N            | 3     | c              | 1008.3   | *                                     | 43                       | +2           | NW                        | 1     | NE             | b                               | *        | 0.3         | 55                                  | 36             | c.bc.b  | b.bc.c   | p.ch.c.b   | 7.4      |   |
| Sth Farnborough           | 1001.3                 | 45                                    | WNW          | 2     | b              | 1006.2   | +3                                    | 42                       | 0            | WNW                       | 2     | -              | omd                             | *        | Trace       | 51                                  | 33             | bc  | bc.b     | b.bc       | 6.3      |   |
| London (Kew Obsy.)        | 1001.3                 | 47                                    | NW           | 1     | cg             | 1006.3   | +2                                    | 43                       | 0            | NW                        | 2     | -              | om                              | *        | 0.1         | 52                                  | 36             | om.o.c  | c.bc.bg  | bc.bg.bom  | 5.1      |   |
| NORTHERN EUROPE.          | Spitsbergen ...        |                                       |              |       |                |          |                                       |                          |              |                           |       |                |                                 |          |             |                                     |                | GALES.  |          |            |          |   |
|                           | Vardö ...              |                                       |              |       |                |          |                                       |                          |              |                           |       |                |                                 |          |             |                                     |                | Duration and Extreme Force<br>in British Islands. |          |            |          |   |
|                           | Bodö ...               | 1006.0                                | 39           | E     | 1              | c        | 1006.1                                | 0                        | 37           | +3                        | -     | 0              | -                               | o        | 0           | 1                                   | 41             | 32  |          |            |          |   |
|                           | Christiansund ...      | 1009.7                                | 43           | NE    | 1              | o        | 1013.1                                | +2                       | 43           | +4                        | NE    | 3              | -                               | c        | 3           | -                                   | 43             | 37  |          |            |          |   |
|                           | Skudesnaes ...         | 999.3                                 | 45           | -     | 0              | bc       | 1000.7                                | +5                       | 45           | +2                        | ENE   | 1              | -                               | b        | 2           | -                                   | 50             | 41  |          |            |          |   |
|                           | Færder (Xania Fjord)   | 1000.6                                | 43           | NNE   | 2              | c        | 1000.8                                | +2                       | 41           | +2                        | NNE   | 6              | -                               | r        | 3           | 2                                   | 43             | 37  |          |            |          |   |
|                           | The Scaw (Skagen)      | 998.1                                 | 46           | NNE   | 1              | c        | 994.3                                 | +1                       | 54           | +9                        | S     | 2              | -                               | o        | 2           | 24                                  | 54             | 43  |          |            |          |   |
|                           | Blaavands Huk          | 993.5                                 | 45           | E     | 1              | r        | 997.5                                 | +3                       | 48           | -2                        | N     | 3              | -                               | r        | 4           | 10                                  | 54             | 43  |          |            |          |   |
|                           | Haparanda ...          | 1003.7                                | 34           | NE    | 2              | r        | 1001.6                                | +3                       | 37           | +3                        | -     | 0              | -                               | o        | *           | 8                                   | 39             | 34  |          |            |          |   |
|                           | Hernösand ...          | 997.3                                 | 39           | NNE   | 4              | o        | 1005.7                                | +4                       | 37           | -2                        | -     | 0              | -                               | c        | *           | 12                                  | 41             | 34  |          |            |          |   |
| Stockholm ...             | 1001.5                 | 43                                    | S            | 2     | o              | 1003.3   | 0                                     | 46                       | +3           | E                         | 2     | -              | o                               | *        | 1           | 50                                  | 41             |   |          |            |          |   |
| Wisby ...                 | 1002.6                 | 50                                    | SW           | 2     | bc             | 1001.0   | 0                                     | 54                       | +8           | ESE                       | 4     | -              | o                               | *        | -           | 54                                  | 46             |   |          |            |          |   |
| Karlstad ...              | 1000.7                 | 41                                    | W            | 2     | c              | 1002.0   | +1                                    | 39                       | +2           | NE                        | 4     | -              | r                               | *        | 3           | 41                                  | 34             |   |          |            |          |   |
| Petrograd (5 a.m. G.M.T.) |                        |                                       |              |       |                |          |                                       |                          |              |                           |       |                |                                 |          |             |                                     |                |   |          |            |          |   |
| FRANCE, &c.               | The Helder ...         | 994.7                                 | 50           | N     | 2              | c        | 1001.5                                | +4                       | 50           | +4                        | NW    | 2              | -                               | c        | 2           | 4                                   | 52             | 45  |          |            |          |   |
|                           | C. Gris Nez ...        | 996.6                                 | 51           | NW    | 6              | o        | 1004.2                                | +3                       | 45           | -7                        | NW    | 5              | *                               | c        | 5           | 5                                   | 52             | 45  |          |            |          |   |
|                           | La Hève ...            | 999.7                                 | 52           | N     | 5              | c        | 1003.7                                | *                        | 45           | -3                        | SW    | 4              | *                               | o        | 4           | 13                                  | 55             | 43  |          |            |          |   |
|                           | Ushant ...             | 1008.2                                | 54           | NNE   | 6              | c        | 1009.9                                | *                        | 52           | -3                        | NNE   | 7              | *                               | c        | 7           | 5                                   | 59             | 43  |          |            |          |   |
|                           | Brest (St. Mathieu)    | 1007.8                                | 57           | NW    | 6              | c        | 1010.7                                | +3                       | 51           | +1                        | N     | 6              | *                               | b        | 4           | 4                                   | 63             | 45  |          |            |          |   |
|                           | Rochefort (Ile d'Aix)  | 1004.7                                | 54           | N     | 6              | c        | 1008.8                                | +2                       | 50           | -4                        | NNW   | 3              | *                               | bc       | *           | 8                                   | 63             | 45  |          |            |          |   |
|                           | Biarritz ...           | 1005.3                                | 57           | WSW   | 6              | o        | 1008.4                                | 0                        | 50           | -7                        | SW    | 3              | *                               | tbl      | 4           | 28                                  | 61             | 50  |          |            |          |   |
|                           | Paris ...              | 999.4                                 | 48           | NNW   | 4              | r        | 1006.0                                | +3                       | 39           | -13                       | SSW   | 1              | -                               | b        | *           | 6                                   | 55             | 37  |          |            |          |   |
|                           | Belfort ...            | 996.2                                 | 52           | -     | 0              | r        | 1005.5                                | *                        | 44           | -3                        | WSW   | 2              | *                               | c        | *           | 8                                   | 55             | 42  |          |            |          |   |
|                           | Lyons ...              | 998.9                                 | 53           | S     | 1              | o        | 1002.9                                | *                        | 45           | -6                        | NW    | 3              | *                               | o        | *           | 5                                   | 61             | 45  |          |            |          |   |
| Nice ...                  |                        |                                       |              |       |                |          |                                       |                          |              |                           |       |                |                                 |          |             |                                     |                |   |          |            |          |   |
| Perpignan ...             | 1001.9                 | 59                                    | NW           | 4     | b              | 1007.0   | +3                                    | 54                       | -3           | NW                        | 5     | -              | b                               | *        | 1           | 68                                  | 50             |   |          |            |          |   |
| Sanguinaire ...           | *                      | 65                                    | S            | 6     | tbl            | *        | *                                     | 63                       | -3           | N                         | 2     | *              | o                               | 5        | 4           | 72                                  | 59             |   |          |            |          |   |
| SOUTHERN EUROPE.          | Corunna (7 a.m.)       | 1012.4                                | 61           | NNE   | 6              | b        | 1018.0                                | +4                       | 55           | -6                        | SW    | 1              | -                               | c        | 4           | 9                                   | 61             | 52  |          |            |          |   |
|                           | Madrid (8 a.m.)        |                                       |              |       |                |          |                                       |                          |              |                           |       |                |                                 |          |             |                                     |                |   |          |            |          |   |
|                           | Lisbon (9 a.m.)        | 1013.3                                | 64           | NW    | 4              | bc       | 1017.6                                | +3                       | 55           | -8                        | NNW   | 3              | -                               | b        | 6           | -                                   | 70             | 55  |          |            |          |   |
|                           | Gibraltar ...          | 1011.8                                | 63           | W     | 4              | b        | 1013.2                                | *                        | 58           | -6                        | NW    | 6              | *                               | b        | 3           | 5                                   | 71             | 57  |          |            |          |   |
|                           | Rome ...               |                                       |              |       |                |          |                                       |                          |              |                           |       |                |                                 |          |             |                                     |                |   |          |            |          |   |
| Malta (8 a.m.)            | *                      | *                                     | *            | *     | *              | 1010.4   | 0                                     | 75                       | +5           | SSE                       | 4     | -              | b                               | 1        | -           | 77                                  | 70             |   |          |            |          |   |
| Azores (Horta, 8 a.m.)    | 1028.4                 | *                                     | -            | 0     | bc             | 1027.0   | 0                                     | 66                       | 0            | W                         | 2     | *              | o                               | 2        | -           | 79                                  | 64             |   |          |            |          |   |
| Madeira (Funchal)         | 1019.1                 | 73                                    | NW           | 3     | b              | 1020.2   | 0                                     | 66                       | 0            | ?                         | ?     | N              | o                               | ?        | 1           | 77                                  | 66             |   |          |            |          |   |

## GALES.

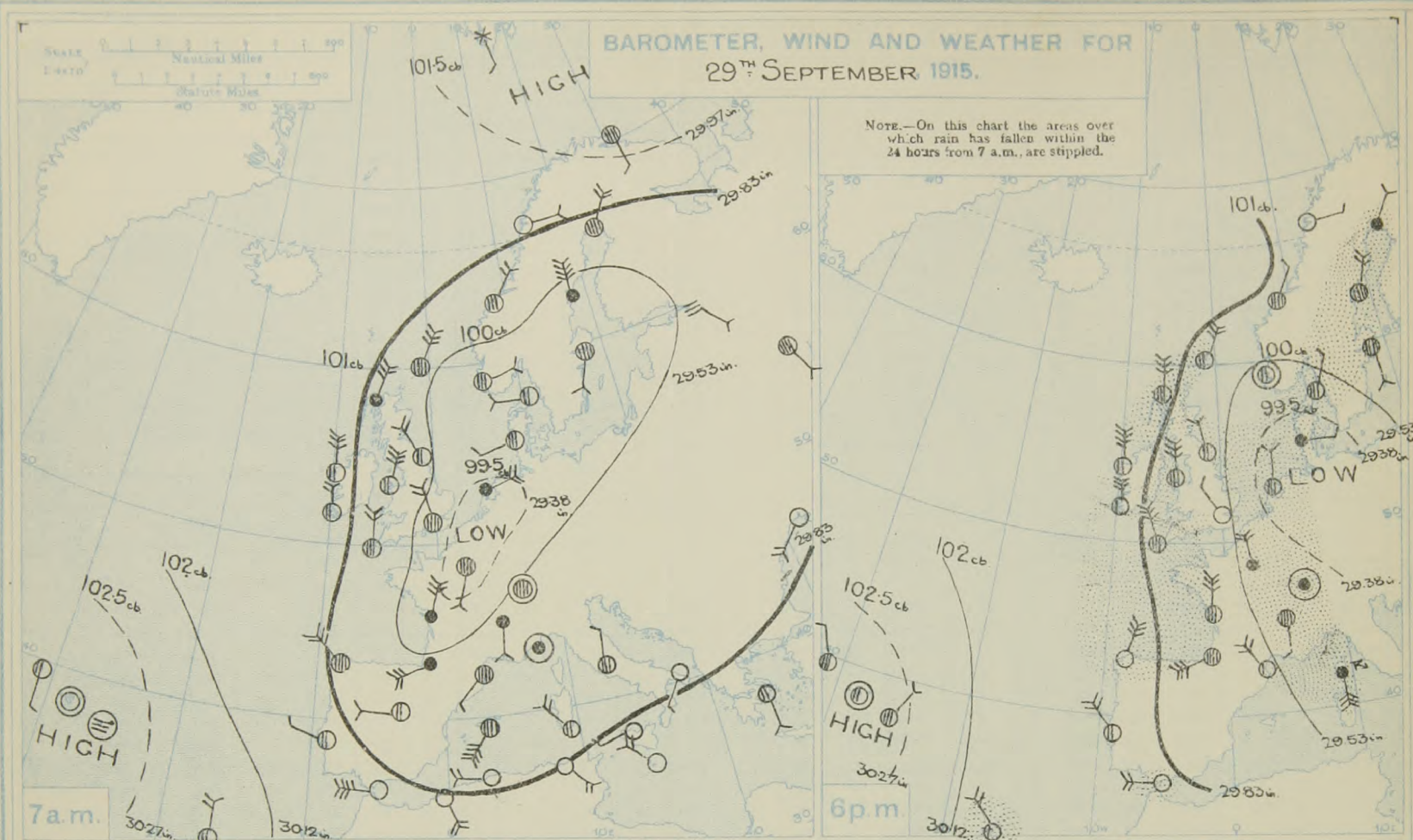
Duration and Extreme Force  
in British Islands.

Malin Head  
29th 11am - 10pm N 8  
Ex N 9 during evening of 29th.

Blackhead Point  
29th 8am - 11pm N 8  
Ex N 9 at 11am 29th.

South Farnborough  
Pilot Balloon Ascent at about 7am  
500 metres N 35 miles per hour.





**FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

| Signals hoisted yesterday. | Signals hoisted this morning. |
|----------------------------|-------------------------------|
| South Cone.                | South Cone.                   |
| North Cone.                | North Cone.                   |

No Warnings Issued.

Western Channel and Bay

**FURTHER OUTLOOK.**

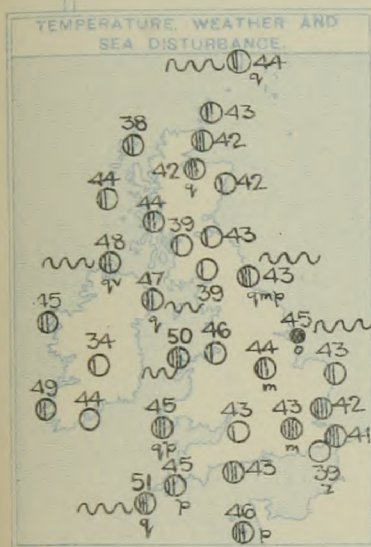
- |    |            |   |
|----|------------|---|
| 0  | a }<br>b } | Moderate or fresh Northerly winds; fair generally, but some local showers; remaining cold.      |
| 1  | }          | Moderate or fresh Northerly and North-Westerly winds; cold; changeable, some showers.           |
| 2  | a }<br>b } |   |
| 3  | }          |   |
| 4  | a }<br>b } | Moderate North-Westerly winds; fair generally, but some local showers; remaining cold.          |
| 5  | }          |   |
| 6  | a }<br>b } | Fresh Northerly winds; fair generally, but some local showers; remaining cold.                  |
| 7  | a }<br>b } |   |
| 8  | a }<br>b } |   |
| 9  | a }<br>b } | Light or moderate Northerly winds; fair; cold.  |
| 10 | a }<br>b } |   |
| 11 | }          | Fresh Northerly and North-Westerly winds and a rather high sea; cold; changeable, some showers. |



# SYNOPTIC CHART FOR 7 a.m., THURSDAY, 30<sup>TH</sup> SEPTEMBER, 1915.

## GENERAL INFERENCE.

There are at present no signs of the advance of any fresh disturbance. A cold Northerly type of weather will continue, with occasional showers in all our northern and eastern districts.



## 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:—

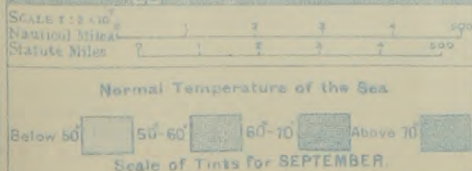
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ sky 3/4 clouded. ○ overcast sky. ● rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. K, thunderstorm.

**SEA DISTURBANCE.**—Rough. High.

Inches  
31

30

29



Barometer

40°

50°

60°

102.5 cb.

101.5 cb.

100.5 cb.

99.5 cb.

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## DAILY WEATHER REPORT.

Thursday, 30<sup>th</sup> September 1915.REPORTS  
FOR  
YESTERDAY.29<sup>th</sup> September

| STATIONS. | EVENING OBSERVATIONS.             |       |        |                |           | OBSERVATIONS AT 7 A.M., G.M.T. |                          |              |                           |        |                |                                 |          |             |      | Rain-fall.<br>Milli-metres. | TEMP. |  |
|-----------|-----------------------------------|-------|--------|----------------|-----------|--------------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------|-------------|------|-----------------------------|-------|--|
|           | BAROM.<br>Milli-bars at<br>M.S.L. | TEMP. | WIND.  |                | Wea.ther. | BAROMETER.                     |                          | TEMP.        |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather. | Sea<br>0-9. | Max. |                             | Min.  |  |
|           |                                   |       | Direc. | Force<br>0-12. |           | Milli-bars at<br>M.S.L.        | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |          |             |      |                             |       |  |
|           |                                   | ° F.  |        |                |           |                                |                          | ° F.         | ° F.                      |        |                |                                 |          |             |      |                             |       |  |
| Petrograd | 1000.7                            | 46    | E      | 2              | f         | 1001.2                         | -2                       | 46           | +5                        | S      | 2              | -                               | f        | *           | 1    | 48                          | 41    |  |
| Rome      | 1006.9                            | 63    | SE     | 1              | z         | 1009.8                         | +2                       | 61           | -                         | N      | 1              | -                               | c        | *           | 1    | 73                          | 55    |  |

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

| STATIONS.           | Rainfall. mm. § | TEMPERATURE. |      | WEATHER.  |            | Sun-shine to 6 p.m. Hr. | STATIONS.             | Rainfall. mm. § | TEMP. °F. | TEMP. °F. | WEATHER.  |            | Sun-shine to 6 p.m. Hr. |
|---------------------|-----------------|--------------|------|-----------|------------|-------------------------|-----------------------|-----------------|-----------|-----------|-----------|------------|-------------------------|
|                     |                 | Max.         | Min. | Forenoon. | Afternoon. |                         |                       |                 |           |           | Forenoon. | Afternoon. |                         |
| Scotland.           |                 |              |      |           |            |                         | Tunbridge Wells ...   | 33              | 53        | 39        | oc        | bc. z      | 1.8                     |
| Oban ...            | ...             | 54           | 33   | bc        | bc         | 2.5                     | Margate ...           | 61              | 52        | 48        | o         | bc         | 0.0                     |
| Banff ...           | 8               | 48           | 43   | bc        | bc         | 0.3                     | Ramsgate ...          | 43              | 54        | 45        | bc        | bc         | 0.0                     |
| Carnoustie ...      | 1               | 51           | 34   | bc        | bc         | 3.2                     | Hastings ...          | 19              | 55        | 42        | oc        | bc         | 1.5                     |
| St. Andrews ...     | 1               | 50           | ?    | *         | *          | 3.6                     | Bexhill-on-Sea ...    | ...             | ...       | ...       | ...       | ...        | ...                     |
| Eng. N.E.           |                 |              |      |           |            |                         | Eastbourne ...        | 16              | 53        | 42        | o         | bc. z      | 2.0                     |
| Harrogate ...       | ...             | 50           | 35   | bc        | bc         | 7.5                     | Seaford ...           | 18              | 56        | 40        | o         | bc         | 3.3                     |
| Skegness ...        | 3               | 51           | 42   | bc        | bc         | 5.2                     | Brighton ...          | 18              | 55        | 41        | oc        | bc         | 4.2                     |
| Eng. N.W.           |                 |              |      |           |            |                         | Worthing ...          | 11              | 53        | 40        | oc        | bc         | 5.4                     |
| Morecambe ...       | ...             | 53           | 34   | bc        | bc         | 9.0                     | Littlehampton ...     | 25              | 57        | 39        | oc        | bc         | 5.5                     |
| Blackpool ...       | ...             | 53           | 34   | bc        | bc         | 8.9                     | Bognor ...            | 6               | 53        | 40        | oc        | bc         | 5.7                     |
| Southport ...       | ...             | 52           | 35   | bc        | bc         | 10.0                    | Southsea ...          | 9               | 53        | 41        | bc        | bc         | 7.3                     |
| Midlands.           |                 |              |      |           |            |                         | Bournemouth ...       | ...             | 54        | 41        | bc        | bc         | 9.1                     |
| Buxton ...          | ...             | 52           | 39   | bc        | bc         | 8.6                     | Weymouth ...          | 1               | 53        | 41        | bc        | bc         | 8.9                     |
| Leamington Spa ...  | 1               | 52           | 38   | bc        | bc         | 8.5                     | Torquay ...           | 3               | 56        | 42        | bc        | bc         | 8.2                     |
| Malvern ...         | ...             | 52           | 38   | bc        | bc         | 8.5                     | Paignton ...          | ...             | ...       | ...       | ...       | ...        | ...                     |
| Ross-on-Wye ...     | 4               | 55           | 38   | bc        | bc         | 8.3                     | Falmouth ...          | 3               | 54        | 42        | bc        | bc         | 6.7                     |
| Wales.              |                 |              |      |           |            |                         | Penzance ...          | 3               | 56        | 47        | bc        | bc         | 6.1                     |
| Rhyl ...            | ...             | 52           | 43   | bc        | bc         | 7.0                     | Newquay ...           | 3               | 52        | 45        | bc        | bc         | 6.4                     |
| Colwyn Bay ...      | ...             | 52           | 45   | bc        | bc         | 5.2                     | Ilfracombe ...        | 2               | 54        | 45        | bc        | bc         | 7.0                     |
| Llandudno ...       | ...             | ...          | ...  | ...       | ...        | ...                     | Weston-super-Mare ... | 8               | 56        | 42        | bc        | bc         | 7.0                     |
| Aberystwyth ...     | 4               | 50           | 39   | bc        | bc         | 6.0                     |                       |                 |           |           |           |            |                         |
| Tenby ...           | 2               | 55           | 41   | bc        | bc         | 7.7                     |                       |                 |           |           |           |            |                         |
| England, E.         |                 |              |      |           |            |                         |                       |                 |           |           |           |            |                         |
| Cromer ...          | 4               | 54           | 43   | bc        | bc         | 0.9                     |                       |                 |           |           |           |            |                         |
| Lowestoft ...       | 20              | 52           | 46   | bc        | bc         | 2.6                     |                       |                 |           |           |           |            |                         |
| Felixstowe ...      | 27              | 57           | 44   | bc        | bc         | 0.4                     |                       |                 |           |           |           |            |                         |
| Walton-on-Naze ...  | 26              | 51           | 44   | bc        | bc         | 0.7                     |                       |                 |           |           |           |            |                         |
| Southend-on-Sea ... | 44              | 52           | 42   | bc        | bc         | 2.9                     |                       |                 |           |           |           |            |                         |

## LONDON OBSERVATIONS.

| STATIONS.   | HUMIDITY.             |                       | Sun-<br>shine for<br>Yester-<br>day. | TEMPERATURE.   |      |                                   | Rain-<br>fall. | WEATHER.                      |                 |        |
|---|-----------------------|-----------------------|--------------------------------------|--|------|-----------------------------------|----------------|-------------------------------|-----------------|--------|
|   | 3 p.m.<br>To-<br>day. | 9 a.m.<br>To-<br>day. |                                      | In Screen.   |      | Min. on<br>Grass.                 |                | Fore-<br>noon.                | After-<br>noon. | Night. |
|   |                       |                       |                                      | Max.   | Min. |                                   |                |                               |                 |        |
|   |                       |                       |                                      |  |      |                                   |                |                               |                 |        |
| 24 HOURS ENDED 9 A.M. TO-DAY.   |                       |                       |                                      |  |      |                                   |                |                               |                 |        |
| Greenwich (Royal Obs.) ...  | %                     | %                     | Hr.                                  | ° F.   | ° F. | ° F.                              | mm.            |                               |                 |        |
| City (Bunhill Row) ...  | 59                    | 70                    | 4.4                                  | 53   | 37   | 29                                | -              | o bc                          | bc bc           | bc em  |
| Westminster (St. James's Pk.)   | 62                    | 73                    |                                      | 55   | 36   | 36                                | -              | o bc                          | bc              | bc m   |
| Camden Sq. (Brit. Rainfall)   | 60                    | 77                    | 4.8                                  | 56   | 36   | 32                                | -              | o c                           | bc b            | o      |
| Hampstead (Reservoir) ...   | *                     | 78                    | 5.1                                  | 50   | 33   | 22                                | -              | o bc                          | bc              | bc bc  |
| Richmond Park   | *                     | *                     | 5.0                                  | VERTICAL COMPONENT OF SOLAR RADIATION<br>PER SQUARE CENTIMETRE DURING YESTERDAY. |      |                                   |                |                               |                 |        |
| Kew. (See front page.)  | *                     | *                     |                                      |  |      |                                   |                |                               |                 |        |
| (Greenwich and Camden Square air temperatures are in Glaisher screens.) |                       |                       |                                      |  |      |                                   |                |                               |                 |        |
| S. Kensington (Roof of M.O.)  | 58                    | 77                    | 3.6                                  | Total.<br>793 Joules   |      | Average Rate.<br>48.8 Milliwatts. |                | Max. Rate.<br>54. Milliwatts. |                 |        |

## Additional Observations for Yesterday.

| STATIONS.                                | RAIN-FALL. | TEMPERATURE. |      |                      | WEATHER.   |            |             | Sun-shine for Yesterday. |
|--|------------|--------------|------|----------------------|------------|------------|-------------|--------------------------|
|  |            | In Screen.   |      | Night Min. on Grass. | Night.     | Fore-noon. | After-noon. |                          |
|  |            | Max.         | Min. |                      |            |            |             |                          |
|  | mm. §      | ° F.         | ° F. | ° F.                 |            |            |             | Hr.                      |
| Dublin to 4 p.m.                         |            |              |      |                      |            |            |             |                          |
| Darwen to 9 p.m.                         | -          | 51           | 32   | 26                   | bc         | bc         | bc          | 9.0                      |
| Manchester "                             | -          | 52           | 38   | *                    | cf. bc. bw | b. bc      | bc. b. g    | 6.7                      |
| Birmingham "                             | -          | 51           | 37   | 31                   | b          | c. b       | bc. b       | 7.5                      |
| Oxford to 8 p.m.                         | *          |              |      |                      |            |            |             | *                        |
| Teignmouth to 9 "                        | 6          | 56           | 44   | 40                   | or. bc     | bc         | bc or bc    | 9.3                      |
| Plymouth "                               |            |              |      |                      |            |            |             |                          |
| S. Kensington (Museum Grounds to 6 p.m.) | 36         | 53           | 41   | 40                   | or. o      | o c. bc    | b c. by     | *                        |

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

| 30 <sup>th</sup> Sept. 1915. | Sunrise. | Noon.  | Sunset. |
|------------------------------|----------|--------|---------|
| G.M.T.                       | G.M.T.   | G.M.T. | G.M.T.  |
| Yarmouth ...                 | 5.53     | 11.43  | 5.35    |
| Greenwich ...                | 6.0      | 11.50  | 5.40    |
| Wick ...                     | 6.17     | 12.1   | 5.47    |
| Valencia ...                 | 6.40     | 12.31  | 6.19    |

## NOTES ON YESTERDAY'S WEATHER.

Over the greater part of the United Kingdom the thermometer failed to reach 55° and in the north of Scotland it did not touch 50°. Showers occurred in most districts, a thunderstorm on the Cornish coast and lightning at Donaghadee and Holyhead.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-baze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



ADDITIONS AND CORRECTIONS  
TO THE  
DAILY WEATHER REPORT.

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SEPTEMBER, 1915.

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Corrections and additions for the month of September are given on this sheet for stations in the British Isles, Scandinavia, Holland, France and "Southern Europe." The data for stations in Iceland will be issued in due course in the form of a separate sheet. Completed maps will eventually be published in the Weekly Weather Report of the Meteorological Office.

Reports which arrived within 24 hours of the date to which they referred were inserted on Page 4 of the Daily Weather Report of the following day.



## RE

| DATE. | STATIONS.   | YESTERDAY EVENING.                    |                   |        |                |          | THIS MORNING 7 A.M., G.M.T. |                          |              |                           |        |                |                                 | PAST 24 HOURS. |             |                                     |       |      |          |            | Sun-<br>shine<br>for<br>Yester-<br>day.<br><br>Hours. |        |
|-------|-------------|---------------------------------------|-------------------|--------|----------------|----------|-----------------------------|--------------------------|--------------|---------------------------|--------|----------------|---------------------------------|----------------|-------------|-------------------------------------|-------|------|----------|------------|---|--------|
|       |             | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br><br>° F. | WIND.  |                | Weather. | BAROMETER.                  |                          | TEMP.        |                           | WIND.  |                | Direr.<br>of<br>Upper<br>Cloud. | Weather.       | Sea<br>0-3. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |      | WEATHER. |            |   |        |
|       |             |                                       |                   | Direr. | Force<br>0-12. |          | Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | Dry<br>Bulb. | Change<br>in 24<br>hours. | Direr. | Force<br>0-12. |                                 |                |             |                                     | Max.  | Min. | Morning. | Afternoon. |   | Night. |
| 2     | Haparanda   | 1001.9                                | 46                | SSE    | 6              | o        | 999.1                       | *                        | 45           | -3                        | NE     | 6              | *                               | o              | *           | 13                                  | 50    | 43   | .        | .          | .   | .      |
|       | Hernösand   | 999.7                                 | 50                | N      | 6              | r        | 993.2                       | *                        | 48           | 0                         | N      | 6              | *                               | r              | *           | 26                                  | 54    | 36   | .        | .          | .   | .      |
|       | Stockholm   | 994.9                                 | 52                | NW     | 4              | bc       | 995.4                       | *                        | 52           | +6                        | W      | 6              | *                               | b              | *           | -                                   | 52    | 45   | .        | .          | .   | .      |
|       | Wibby       | 999.0                                 | 54                | N      | 4              | b        | 1000.3                      | *                        | 54           | +2                        | WSW    | 4              | *                               | c              | *           | -                                   | 55    | 50   | .        | .          | .   | .      |
|       | Karlstad    | 998.0                                 | 52                | NW     | 2              | b        | 998.3                       | *                        | 50           | +2                        | -      | 0              | *                               | b              | *           | -                                   | 57    | 41   | .        | .          | .   | .      |
|       | Sanguinaire | *                                     | 73                | SW     | 3              | c        | *                           | *                        | 66           | -5                        | E      | 3              | *                               | o              | 3           | -                                   | 82    | 61   | .        | .          | .   | .      |
|       | Madrid      | 1012.6                                | 75                | WNW    | 3              | c        | 1016.0                      | +2                       | 61           | -3                        | NW     | 3              | *                               | b              | *           | -                                   | 71    | 57   | .        | .          | .   | .      |
|       | Rome        | 1013.0                                | 70                | SW     | 1              | b        | 1011.3                      | *                        | 66           | -2                        | -      | 0              | *                               | o              | *           | 4                                   | 81    | 63   | .        | .          | .   | .      |
| 4     | Karlstad    | 1009.2                                | 57                | -      | 0              | b        | .                           | .                        | .            | .                         | .      | .              | .                               | .              | .           | .                                   | .     | .    | .        | .          | .   | .      |
|       | La Hève     | 1006.1                                | 52                | NNE    | 2              | r        | 1010.1                      | *                        | 54           | +4                        | NNE    | 4              | *                               | r              | 5           | 18                                  | 57    | 50   | .        | .          | .   | .      |
|       | Rome        | 1004.3                                | 64                | S      | 1              | r        | 1008.7                      | *                        | 66           | +5                        | SE     | 1              | *                               | b              | *           | 5                                   | 78    | 61   | .        | .          | .   | .      |
| 5     | Petrograd   | 1014.9                                | 59                | NW     | 2              | b        | 1012.2                      | *                        | 54           | 0                         | NW     | 2              | *                               | f              | *           | -                                   | 64    | 52   | .        | .          | .   | .      |
| 6     | Sanguinaire | *                                     | 67                | NW     | 4              | o        | c                           | *                        | 65           |                           | SE     | 2              | *                               | c              | 4           | -                                   | 73    | 63   | .        | .          | .   | .      |
|       | Rome        | 1020.4                                | 64                | SW     | 1              | b        | 1021.5                      | *                        | 59           | -9                        | N      | 1              | *                               | b              | 2           | -                                   | 73    | 57   | .        | .          | .   | .      |
| 8     | Sanguinaire | *                                     | 74                | N      | 2              | bc       | *                           | *                        | 66           | -4                        | E      | 2              | *                               | m              | 2           | -                                   | 77    | 61   | .        | .          | .   | .      |
|       | Rome        | 1022.3                                | 68                | NW     | 1              | b        | 1021.9                      | *                        | 61           | 0                         | E      | 1              | *                               | b              | *           | -                                   | 77    | 55   | .        | .          | .   | .      |
| 9     | Belfort     | 1024.6                                | 59                | E      | 4              | m        | 1025.3                      | *                        | 50           | +3                        | E      | 4              | *                               | m              | *           | -                                   | 66    | 45   | .        | .          | .   | .      |
|       | Sanguinaire | *                                     | 76                | N      | 3              | b        | s                           | *                        | 69           | +3                        | N      | 2              | *                               | b              | 2           | -                                   | 84    | 61   | .        | .          | .   | .      |
|       | Rome        | 1021.6                                | 66                | SW     | 1              | b        | 1021.9                      | *                        | 61           | 0                         | N      | 1              | *                               | b              | *           | -                                   | 72    | 55   | .        | .          | .   | .      |
|       | Horta       |                                       |                   |        |                |          | 1023.4                      | *                        | 64           | -1                        | -      | 0              | *                               | b              | 1           | -                                   | 75    | 63   | .        | .          | .   | .      |
| 10    | Sanguinaire | *                                     | 75                | N      | 4              | m        | *                           | *                        | 68           | -1                        | E      | 2              | *                               | b              | 1           | -                                   | 84    | 61   | .        | .          | .   | .      |
|       | Rome        | 1015.7                                | 68                | W      | 1              | b        | 1017.3                      | *                        | 61           | 0                         | N      | 1              | *                               | b              | *           | -                                   | 77    | 55   | .        | .          | .   | .      |
| 11    | Sanguinaire | *                                     | 75                | W      | 2              | m        | *                           | *                        | 68           | .                         | E      | 2              | *                               | b              | 2           | -                                   | 84    | 63   | .        | .          | .   | .      |
|       | Horta       |                                       |                   |        |                |          | 1017.2                      | *                        | 69           | +3                        | SSW    | 4              | *                               | c              | 2           | -                                   | 77    | 66   | .        | .          | .   | .      |
| 12    | Rome        | 1012.2                                | 63                | NE     | 2              | o        | 1011.7                      | *                        | 61           | 0                         | N      | 2              | *                               | b              | *           | 1                                   | 72    | 55   | .        | .          | .   | .      |
| 14    | Rome        | 1017.0                                | 64                | E      | 1              | b        | 1019.1                      | *                        | 61           | 0                         | N      | 1              | *                               | b              | *           | -                                   | 75    | 57   | .        | .          | .   | .      |
| 15    | Horta       |                                       |                   |        |                |          | 1017.1                      | *                        | 72           | +1                        | SW     | 5              | *                               | o              | 3           | -                                   | 77    | 71   | .        | .          | .   | .      |
| 16    | Sanguinaire | *                                     | 75                | S      | 3              | bc       | *                           | *                        | 68           | +1                        | E      | 3              | *                               | b              | 3           | -                                   | 84    | 61   | .        | .          | .   | .      |
|       | Rome        | 1021.0                                | 66                | W      | 1              | b        | 1022.4                      | *                        | 61           | 0                         | N      | 1              | *                               | b              | *           | -                                   | 77    | 55   | .        | .          | .   | .      |
| 17    | Ushant      | 1030.1                                | 63                | NE     | 3              | m        | 1027.7                      | *                        | 61           | +2                        | SE     | 3              | *                               | b              | 3           | -                                   | 66    | 54   | .        | .          | .   | .      |
|       | Rome        | 1024.6                                | 68                | SW     | 1              | b        | 1025.7                      | *                        | 63           | +2                        | N      | 1              | *                               | b              | *           | -                                   | 79    | 59   | .        | .          | .   | .      |
| 18    | Ushant      | 1024.4                                | 66                | E      | 2              | b        | 1020.8                      | *                        | 63           | +2                        | SE     | 3              | *                               | b              | 3           | -                                   | 77    | 59   | .        | .          | .   | .      |
|       | Sanguinaire | *                                     | 72                | N      | 2              | b        | *                           | *                        | 72           | -1                        | E      | 1              | *                               | b              | 1           | -                                   | 84    | 63   | .        | .          | .   | .      |
|       | Rome        | 1024.3                                | 66                | -      | 0              | b        | 1023.1                      | *                        | 61           | -2                        | N      | 1              | *                               | b              | *           | -                                   | 79    | 55   | .        | .          | .   | .      |
|       | Malta.      |                                       |                   |        |                |          | 1022.7                      | *                        | 70           | -2                        | NW     | 1              | *                               | b              | 4           | -                                   | 75    | 64   | .        | .          | .   | .      |
| 19    | Belfort     | 1022.4                                | 68                | WSW    | 3              | m        | 1023.4                      | *                        | 54           | -1                        | E      | 4              | *                               | c              | *           | -                                   | 75    | 50   | .        | .          | .   | .      |
| 20    | Biarritz    | 1011.4                                | 81                | E      | 2              | b        | 1012.3                      | *                        | 69           | -4                        | SE     | 2              | *                               | c              | 1           | -                                   | 90    | 68   | .        | .          | .   | .      |
|       | Sanguinaire | *                                     | 82                | W      | 3              | b        | *                           | *                        | 72           | .                         | E      | 2              | *                               | bc             | 2           | -                                   | 88    | 63   | .        | .          | .   | .      |
|       | Rome        | 1018.7                                | 68                | SW     | 1              | b        | 1019.7                      | *                        | 63           | +2                        | N      | 1              | *                               | b              | *           | -                                   | 79    | 59   | .        | .          | .   | .      |
| 21    | Lyons       | 1017.5                                | 68                | -      | 0              | b        | 1020.6                      | *                        | 56           | +1                        | -      | 0              | *                               | b              | *           | -                                   | 78    | 54   | .        | .          | .   | .      |
|       | Sanguinaire | *                                     | 80                | N      | 3              | bc       | *                           | *                        | 69           | -3                        | SE     | 2              | *                               | o              | 2           | -                                   | 90    | 63   | .        | .          | .   | .      |
| 22    | Lyons       | 1020.0                                | 69                | -      | 0              | b        | 1025.0                      | *                        | 56           | 0                         | -      | 0              | *                               | b              | *           | -                                   | 82    | 54   | .        | .          | .   | .      |
|       | Sanguinaire | *                                     | 78                | N      | 2              | c        | *                           | *                        | 73           | +4                        | E      | 1              | *                               | bc             | 1           | -                                   | 79    | 63   | .        | .          | .   | .      |
|       | Rome        | 1021.5                                | 68                | -      | 0              | o        | 1023.1                      | *                        | 63           | 0                         | N      | 1              | *                               | b              | *           | -                                   | 79    | 61   | .        | .          | .   | .      |
| 23    | Rome        | 1024.3                                | 68                | N      | 1              | b        | 1025.1                      | *                        | 61           | -2                        | N      | 1              | *                               | c              | *           | -                                   | 79    | 59   | .        | .          | .   | .      |
| 25    | Rome        | 1021.9                                | 68                | S      | 1              | b        | 1018.0                      | *                        | 70           | +7                        | SE     | 1              | *                               | bc             | *           | -                                   | 77    | 63   | .        | .          | .   | .      |
| 26    | Madrid      | 1014.3                                | 64                | WNW    | 2              | o        | 1012.2                      | +1                       | 61           | +2                        | W      | 3              | *                               | o              | *           | -                                   | 68    | 57   | .        | .          | .   | .      |
|       | Rome        | 1012.0                                | 63                | SE     | 1              | bc       | 1010.3                      | *                        | 66           | -4                        | SW     | 1              | *                               | bc             | *           | 67                                  | 73    | 61   | .        | .          | .   | .      |
| 28    | Rome        | 1002.9                                | 64                | SE     | 1              | o        | 1004.4                      | *                        | 64           | -6                        | S      | 1              | *                               | bc             | *           | 26                                  | 75    | 61   | .        | .          | .   | .      |
| 29    | Ushant      | 1000.3                                | 57                | N      | 6              | o        | 1001.2                      | *                        | 57           | 0                         | SW     | 4              | *                               | bc             | 5           | 2                                   | 61    | 52   | .        | .          | .   | .      |

PILOT BALLOON ASCENTS  
Component Velocities to East and to North in Metres per Second.

[illegible]



# REPORTS FOR SEPTEMBER, 1915.

| DATE. | STATIONS.  | YESTERDAY EVENING.                    |               |        |                | THIS MORNING 7 A.M., G.M.T. |                             |                           |                      |                           |        |                |                                 | PAST 24 HOURS. |             |                                     |              |              |          | Sun-<br>shine<br>for<br>Yester-<br>day.<br>Hours. |            |            |
|-------|--|---------------------------------------|---------------|--------|----------------|-----------------------------|-----------------------------|---------------------------|----------------------|---------------------------|--------|----------------|---------------------------------|----------------|-------------|-------------------------------------|--------------|--------------|----------|---|------------|------------|
|       |  | BAROM.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br>° F. | WIND   |                | Weather.                    | BAROMETER.                  |                           | TEMP.                |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather.       | Sea<br>0-0. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP.        |              | WEATHER. |   |            |            |
|       |  |                                       |               | Direc. | Force<br>0-12. |                             | Milli-<br>bars at<br>M.S.L. | Change<br>in 24<br>hours. | Dry<br>Bulb.<br>° F. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |                |             |                                     | Max.<br>° F. | Min.<br>° F. | Morning. |   | Afternoon. | Night.     |
| 1     | Deerness<br>Eskdalemuir<br>Tynemouth   |                                       |               | N      |                |                             |                             |                           |                      |                           |        |                |                                 |                |             |                                     |              |              |          |   |            | 3.0        |
| 2     | Pembroke<br>Spurn Head   |                                       |               |        |                |                             |                             | 56                        | +2.                  |                           |        |                |                                 |                |             | 5                                   |              | 46           |          |   |            |            |
| 3     | Castlebay<br>Aberdeen<br>Brest   | 1010.1                                | 50            |        |                |                             | 1007.8                      |                           |                      |                           |        |                |                                 |                |             |                                     |              |              |          |   |            |            |
| 4     | South Farnborough<br>Karlstad<br>Ushant<br>Rocheport<br>Sanguinaire<br>Lisbon          |                                       | 57            | H      | b              |                             | 1014.4                      |                           |                      |                           |        |                | W                               |                |             |                                     |              |              |          | e. bc   | bc. b.     |            |
| 5     | Deerness<br>Holyhead<br>Horta  |                                       |               |        |                | m                           |                             |                           |                      |                           |        |                |                                 |                | 5           |                                     |              |              |          |   |            |            |
| 6     | Deerness<br>Stornoway<br>South Farnborough<br>Faerder                                  |                                       |               |        |                |                             | 1019.9                      |                           |                      |                           |        |                |                                 |                |             | 0.6                                 | 68           | 51           |          |   |            |            |
| 7     | Deerness<br>Castlebay<br>Falmouth<br>Spitzbergen                                       | 1022.3                                | 36            |        |                |                             |                             | 34                        | -2                   |                           |        |                |                                 |                |             | 0.2                                 |              |              |          |   |            |            |
| 8     | Portland Bill<br>Clacton-on-Sea  |                                       |               |        |                |                             | 1025.1                      |                           |                      |                           |        |                |                                 |                |             |                                     | 66           |              |          |   |            |            |
| 9     | Scilly<br>Falmouth<br>Jersey<br>Dungeness<br>Yarmouth<br>Wisby<br>La Hève<br>Gibraltar |                                       |               |        |                |                             | 1024.8                      | 62                        | +6                   |                           |        |                |                                 |                |             | 0.2                                 |              |              |          |   |            |            |
| 10    | Deerness<br>Donaghadee<br>Dungeness<br>Spurn Head                                      |                                       |               |        |                |                             | 1024.9                      |                           |                      |                           |        |                |                                 |                |             |                                     |              | 57           |          |   |            | 10.0       |
| 11    | Roche's Point  |                                       |               |        |                |                             |                             |                           |                      |                           |        |                |                                 |                |             |                                     |              | 53           |          |   |            |            |
| 12    | Donaghadee<br>Scilly<br>Brest  | 1021.9<br>1018.0                      |               |        |                |                             | 1015.1                      |                           |                      |                           |        |                |                                 |                |             |                                     |              |              |          |   |            |            |
| 13    | Eskdalemuir<br>Valencia<br>Dover   |                                       |               |        |                |                             |                             |                           |                      |                           |        |                |                                 |                |             | 0.1                                 |              |              |          |   |            | 9.4<br>4.0 |
| 14    | Roche's Point<br>Pembroke<br>Ushant<br>Belfort   |                                       |               | WSW    | 2              |                             |                             |                           |                      |                           | 3      |                |                                 |                |             |                                     | 70           | 55           |          |   |            |            |
| 15    | Roche's Point<br>Dover<br>Belfort  |                                       |               |        |                |                             |                             | 60                        | +6                   |                           |        | 0              |                                 |                |             |                                     |              |              |          |   | e. b. sp.  |            |
| 16    | Wick<br>Spurn Head   |                                       |               |        |                |                             |                             |                           |                      |                           |        |                |                                 |                |             |                                     | 65           |              |          |   |            | 2.0        |
| 17    | Roche's Point<br>Dover<br>Spurn Head   |                                       | 62            | SW     | 3              |                             |                             | 60                        | -4                   |                           |        |                |                                 |                |             |                                     |              |              |          |   |            |            |
| 18    | Valencia   |                                       |               |        |                |                             |                             | 69                        |                      |                           |        |                |                                 |                |             |                                     |              |              |          |   |            |            |
| 19    | Roche's Point<br>Scilly<br>Dungeness<br>Clacton<br>London (Nav Obsy)                   |                                       |               |        |                |                             |                             |                           |                      |                           |        |                |                                 |                |             | 0.3                                 |              |              |          |   |            | 7.2<br>4.8 |
|       |  | 1022.6                                |               |        |                |                             |                             |                           |                      |                           |        |                |                                 |                |             |                                     |              | 55           |          |   |            |            |



# CORRECTIONS.

| DATE. | STATIONS.   | YESTERDAY EVENING.                    |                   |        |                | THIS MORNING 7 A.M., G.M.T. |                             |                          |                      |                           |        |                |                                 | PAST 24 HOURS. |             |                                     |       |      |          |            | Sun-<br>shine<br>for<br>Yester-<br>day.<br><br>Hours. |        |
|-------|---|---------------------------------------|-------------------|--------|----------------|-----------------------------|-----------------------------|--------------------------|----------------------|---------------------------|--------|----------------|---------------------------------|----------------|-------------|-------------------------------------|-------|------|----------|------------|---|--------|
|       |   | Barom.<br>Milli-<br>bars at<br>M.S.L. | TEMP.<br><br>° F. | WIND.  |                | Weather.                    | BAROMETER.                  |                          | TEMP.                |                           | WIND.  |                | Direc.<br>of<br>Upper<br>Cloud. | Weather.       | Sea<br>0-9. | Rain-<br>fall.<br>Milli-<br>metres. | TEMP. |      | WEATHER. |            |   |        |
|       |   |                                       |                   | Direc. | Force<br>0-12. |                             | Milli-<br>bars at<br>M.S.L. | Change<br>in 3<br>hours. | Dry<br>Bulb.<br>° F. | Change<br>in 24<br>hours. | Direc. | Force<br>0-12. |                                 |                |             |                                     | Max.  | Min. | Morning. | Afternoon. |   | Night. |
|       |   |                                       |                   |        |                |                             |                             |                          |                      |                           |        |                |                                 |                |             |                                     |       |      |          |            |   |        |
| 20    | Deerness<br>Yarmouth.   |                                       |                   |        |                |                             | 1025.7                      |                          |                      |                           |        |                |                                 |                |             |                                     |       |      |          |            |   | 10.0   |
| 21    | Gastlebay.<br>Stockholm.                                      |                                       |                   |        |                |                             | 1027.1                      |                          |                      |                           |        |                |                                 |                | 5           |                                     |       |      |          |            |   | 3.0    |
| 22    | Estedalemuir<br>Roche's Point<br>Pembroke.<br>Wick<br>Faerder |                                       |                   |        |                |                             |                             |                          |                      |                           | SSW    |                |                                 |                |             | 0.3                                 |       |      |          |            |   |        |
| 23    | Malin Head.<br>Roche's Point<br>Yarmouth<br>South Farnborough | 1016.6                                |                   |        |                |                             | 1031.1                      |                          |                      |                           | WSW    |                |                                 |                | 6           |                                     |       |      |          |            |   | 3.7    |
| 24    | Glasgow.<br>Clacton-on-Sea                                    |                                       |                   |        |                |                             |                             |                          | 61                   | -1                        |        |                |                                 | 3              |             |                                     |       |      |          |            |   |        |
| 25    | Estedalemuir<br>Aberdeen<br>Spurn Head<br>Sanguinaire         | 1007.9                                |                   |        | 2              |                             | 1001.6                      |                          |                      |                           | NNE    |                |                                 |                |             |                                     |       |      |          |            |   |        |
| 26    | Blackad Point<br>Valencia.<br>Clacton-on-Sea                  |                                       |                   |        | 4              |                             |                             |                          | 68                   |                           |        |                |                                 |                |             | 5                                   |       |      |          |            |   |        |
| 27    | Deerness.   | 997.3                                 |                   |        |                |                             |                             |                          |                      |                           |        |                |                                 |                |             |                                     |       |      |          |            |   |        |
| 28    | Wick.<br>Skudesnaes.  |                                       | 45                |        |                |                             |                             |                          |                      | 54                        | +8     |                |                                 |                |             |                                     | 54    |      |          |            |   |        |
| 29    | Dover<br>Yarmouth.<br>Belfort.                                |                                       |                   |        |                |                             |                             |                          |                      |                           |        |                |                                 |                |             | 27                                  |       |      | 42.      |            |   |        |
| 30    | Blackad Point.  | 1010.4                                |                   |        |                |                             |                             |                          |                      |                           |        |                |                                 |                |             | 4                                   |       |      | 39       |            |   |        |
|       |   |                                       |                   |        |                |                             |                             |                          |                      |                           |        |                |                                 |                |             |                                     |       |      |          |            |   |        |

## LONDON OBSERVATIONS.

| STATIONS.      | HUMIDITY.                 |                       | Sun-<br>shine<br>for<br>Yester-<br>day. | TEMPERATURE.                  |      |                   | Rain-<br>fall. | WEATHER.       |                 |        |
|----------------|---------------------------|-----------------------|---|-------------------------------|------|-------------------|----------------|----------------|-----------------|--------|
|                | 3 p.m.<br>Yester-<br>day. | 9 a.m.<br>To-<br>day. |   | In Screen.                    |      | Min. on<br>Grass. |                | Fore-<br>noon. | After-<br>noon. | Night. |
|                |                           |                       |   | Max.                          | Min. |                   |                |                |                 |        |
|                |                           |                       |   | 24 HOURS ENDED 9 A.M. TO-DAY. |      |                   |                |                |                 |        |
|                | %                         | %                     | Hr.                                     | ° F.                          | ° F. | ° F.              | mm. §          |                |                 |        |
| Richmond Park  | .                         | .                     | 0.2                                     | .                             | .    | .                 | .              | .              | .               | .      |
| Westminster    | .                         | .                     | .                                       | .                             | .    | .                 | 0.1            | .              | .               | .      |
| Greenwich      | .                         | .                     | 11.0                                    | .                             | .    | .                 | .              | .              | .               | .      |
| Richmond Park  | .                         | .                     | 9.1                                     | .                             | .    | .                 | .              | .              | .               | .      |
| Richmond Park  | .                         | .                     | 5.6                                     | .                             | .    | .                 | .              | .              | .               | .      |
| Richmond Park. | .                         | .                     | 7.6                                     | .                             | .    | .                 | .              | .              | .               | .      |
| Richmond Park  | .                         | .                     | 6.0                                     | .                             | .    | .                 | .              | .              | .               | .      |
| Richmond Park  | .                         | .                     | 8.2                                     | .                             | .    | .                 | .              | .              | .               | .      |
| City           | .                         | .                     | 2.0                                     | .                             | .    | .                 | .              | .              | .               | .      |
| Westminster    | .                         | .                     | 0.0                                     | .                             | .    | .                 | .              | .              | .               | .      |
| Richmond Park  | .                         | .                     | 0.2                                     | .                             | .    | .                 | .              | .              | .               | .      |
| Richmond Park  | .                         | .                     | 1.5                                     | .                             | .    | .                 | .              | .              | .               | .      |
| Westminster    | .                         | .                     | 4.2                                     | .                             | .    | .                 | .              | .              | .               | .      |

## GALES

Duration and Extreme Force  
in British Islands

| Date. | ADDITIONS.                                | Date. | CORRECTIONS. |
|-------|---|-------|--------------|
| 28.   | Aberdeen<br>27th 1 p.m. Gales N 18 m.p.s. |       |              |