M.O. FORM 2373

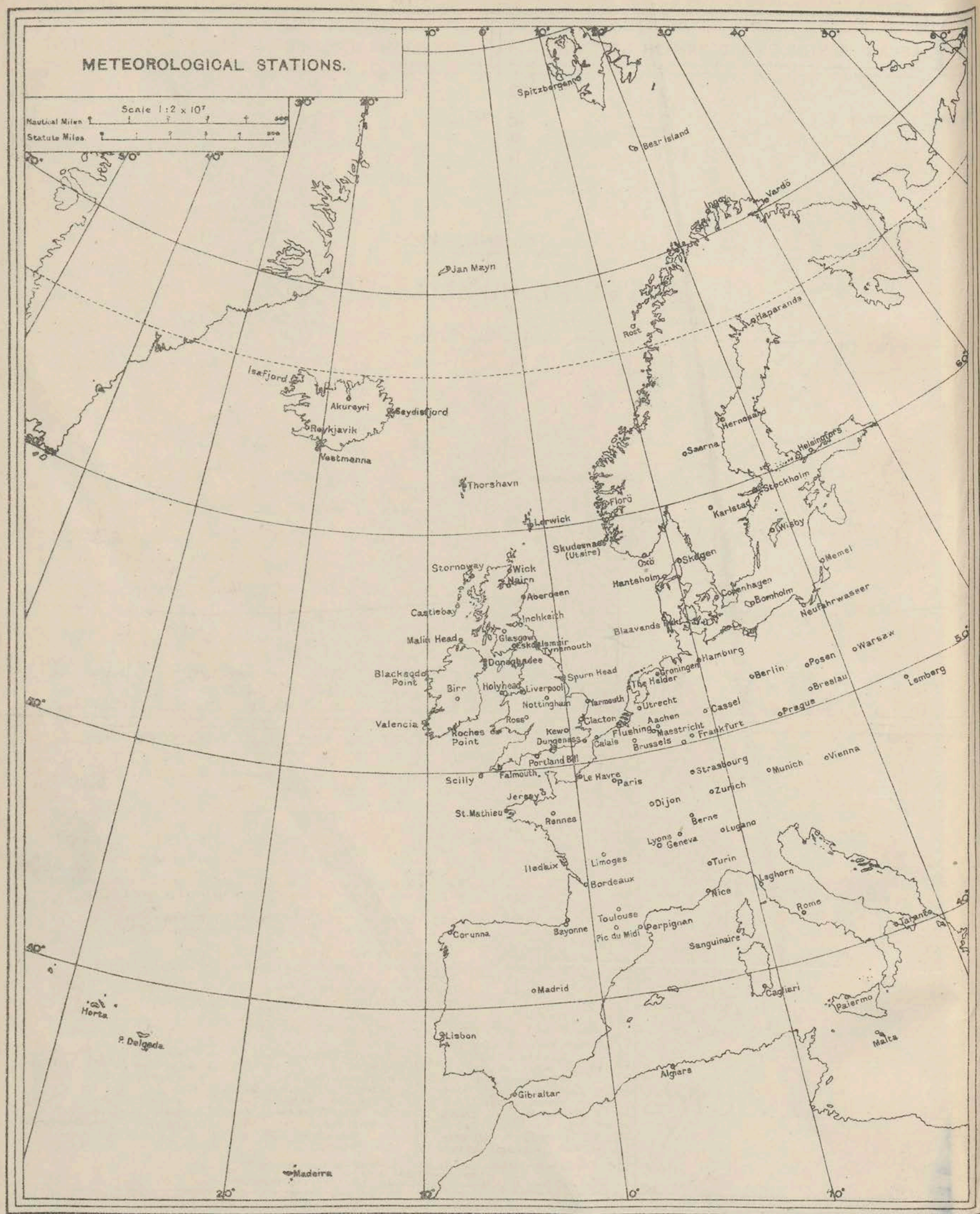
AIR MINISTRY.

METEOROLOGICAL OFFICE.

LONDON.

# DAILY WEATHER REPORTS

1ST. OCTOBER TO 31ST. DECEMBER, 1922.




H.M. Stationery Office Press, Kingsway, W.C.2.

P.S. 2071/649. Wt. 7487. D. 7361/pr. 1081. 750. 1/23.

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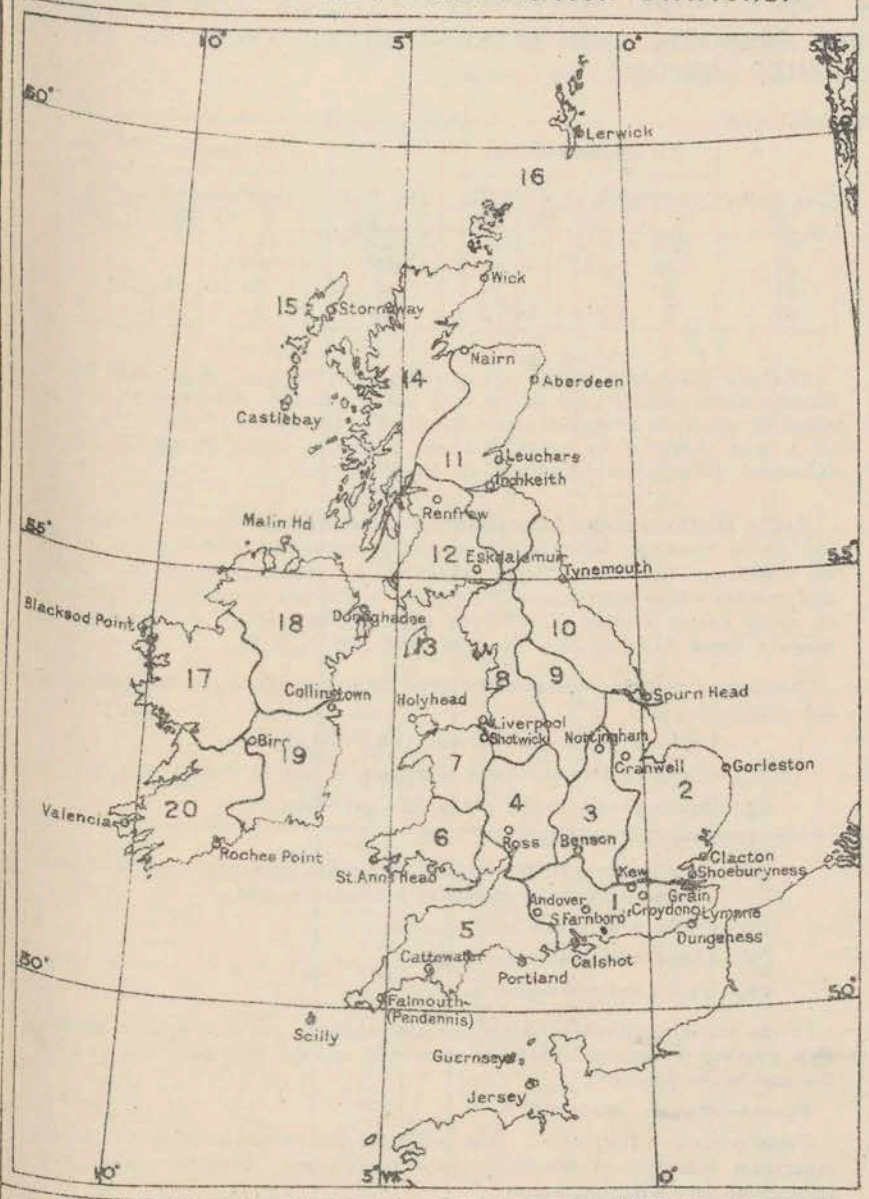
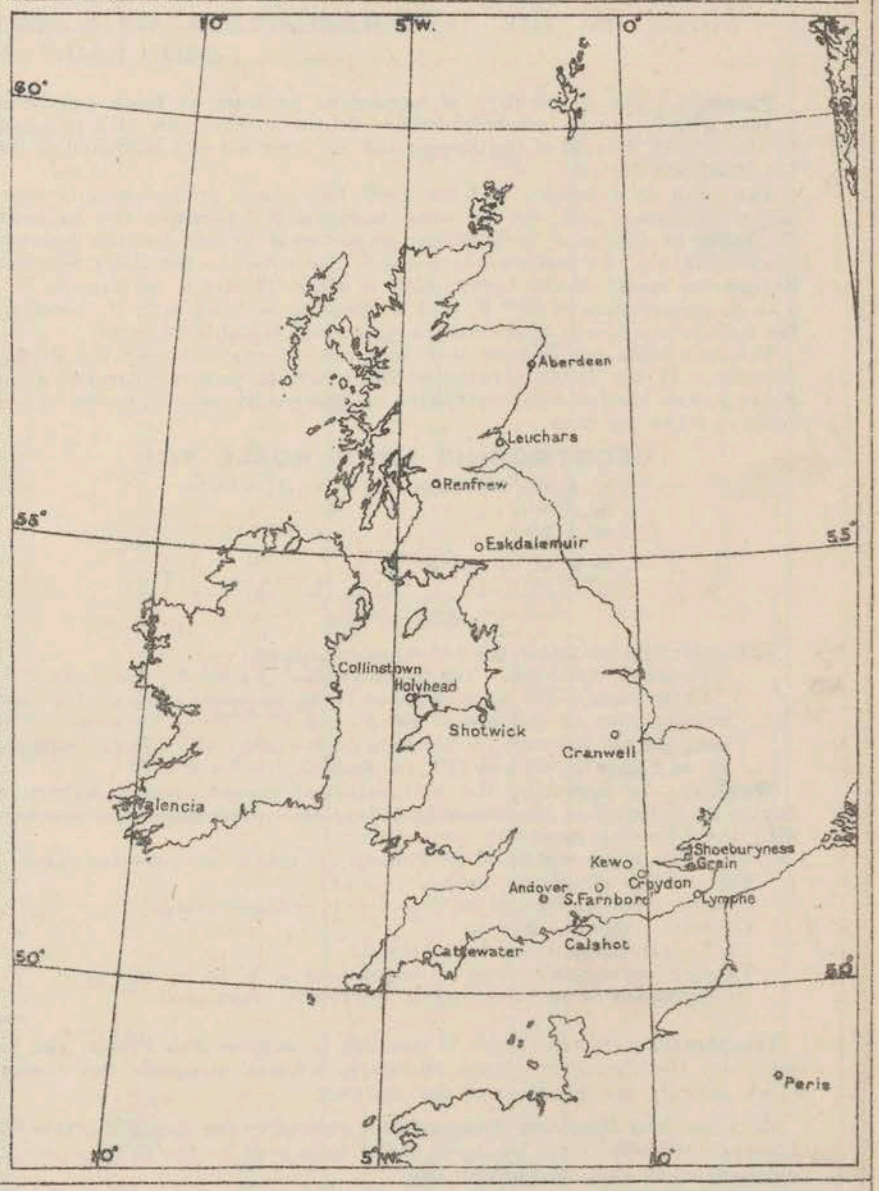
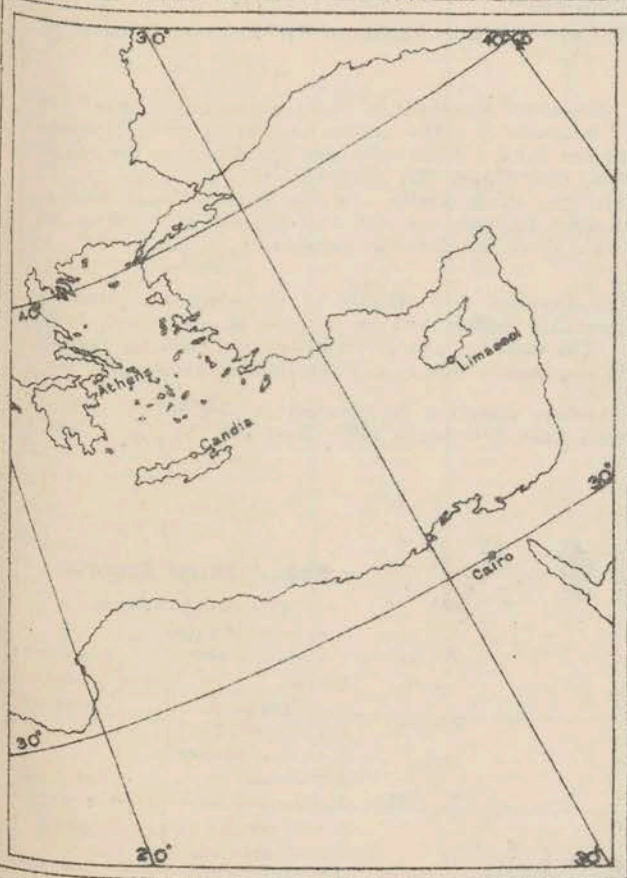
## FORECAST DISTRICTS AND BRITISH STATIONS.




## STATIONS USED FOR UPPER AIR SUPPLEMENT.




## THE BEAUFORT SCALE OF WIND FORCE.

| Beaufort Number. | Admiral Beaufort's General Description of Wind. | Specification for use on Land, based on observations made at Land Stations. | Limits of Mean Velocities Statute Miles per Hour. |
|---|---|---|---|
| 0 | Calm .. .. | Calm ; smoke rises vertically .. .. . . . . | Less than 1 |
| 1 | Light air .. | Direction of wind shown by smoke drift . .. .. | 1-3 |
| 2 | Slight breeze .. | Wind felt on face ; leaves rustle.. .. .. .. . | 4-7 |
| 3 | Gentle breeze.. | Leaves and small twigs in constant motion ; wind extends light flag .. .. .. .. .. . .. .. | 8-12 |
| 4 | Moderate wind | Raises dust and loose paper ; small branches are moved .. | 13-18 |
| 5 | Fresh wind .. | Small trees in leaf begin to sway ; crested wavelets on inland waters .. .. .. .. .. .. .. .. | 19-24 |
| 6 | Strong wind .. | Large branches in motion ; whistling heard in telegraph wires | 25-31 |
| 7 | High wind .. | Whole trees in motion ; inconvenience felt when walking against wind .. .. .. .. .. . .. . | 32-38 |
| 8 | Gale .. .. | Breaks twigs off trees ; generally impedes progress . .. | 39-46 |
| 9 | Strong gale .. | Slight structural damage occurs (chimney pots and slates removed).. .. .. .. . . . . | 47-54 |
| 10 | Whole gale .. | Seldom experienced inland ; trees uprooted .. .. . | 55-63 |
| 11 | .. .. .. | Very rarely experienced ; accompanied by widespread damage | 64-75 |
| 12 | Hurricane .. | .. .. .. .. .. .. .. . | Above 75 |

### BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
o overcast sky. d drizzle.
f fog. h hail.
KQ line squall. l lightning.
m mist. p passing showers.

### BEAUFORT NOTATION.

q squalls. r rain.
rs sleet, *i.e.*, rain and snow.
s snow. t thunder.
v unusual visibility.
w dew. x hoar frost.
y dry air ; humidity less than 60 per cent.
z dust haze ; the turbid atmosphere of dry weather.

### WEATHER SYMBOLS.

Clear sky ○ Sky ½ clouded ◐
Sky ¼ clouded ◔ Sky ¾ clouded ◕
Overcast sky ● Rain falling ●
Snow ✳ Sleet ✳
Fog ≡ Hail ▲
Thunder ⊤ Mist ≡°
Lightning ↯ Thunderstorm ⊤↯

Capital letters indicate intensity, suffix $_o$ indicates slight, and repetition of letters continuity, thus :–
R=heavy rain. rr=continuous moderate rain. $r_or_o$=continuous slight rain.

# AIR MINISTRY.

# METEOROLOGICAL OFFICE, LONDON.

## NOTES ON THE INFORMATION CONTAINED IN THE BRITISH AND INTERNATIONAL SECTIONS OF THE DAILY WEATHER REPORT.

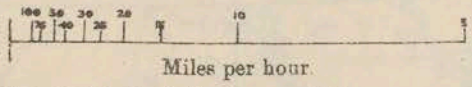
**Pressure.**—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

The wind at a height of 1,500–2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart (160 miles) in the Daily Weather Report the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1,015 mb; if, however, the isobars are ½ inch apart the corresponding speed is 24 m.p.h.

The scale below can be used with both the International and the British Sections. If the distance between consecutive isobars is measured along the rule from the left-hand extremity the geostrophic wind is shown by the scale in miles per hour.

**GEOSTROPHIC WIND SCALE FOR**

4 mb isobars on $1 : 2 \times 10^7$ Charts.
or 2 mb " " $1 : 10^7$ "
or 1 mb " " $1 : 5 \times 10^6$ "




Miles per hour

This scale applies under the following conditions:—

Pressure, 1,015 mb. Temperature, 283° A = 50° F. Latitude, 55°.

Corrections.—For an increase of 10 mb pressure, subtract 1% from velocity; for an increase of 10° F. add 2%. From Latitude 55° to Latitude 65° subtract 1% for each degree *above* 55°. From Latitude 55° to Latitude 45° add 1½% for each degree *below* 55°.

**Weather.**—In describing the distribution of weather over a district or during an interval of time such as a day, descriptive adjectives are used with the following meanings:—

Fine—mainly b and bc of the Beaufort notation (*see* previous page).
Fair or fair generally—mainly bc and c.
Cloudy—combinations of bc, c and o, c predominating.
Overcast—mainly c and o.
Dull—overcast with low heavy cloud.
Varying or variable cloud—combinations of b, bc, c, and o.
Precipitation when occurring is specifically mentioned.

**Temperature.**—Temperature is specified in degrees Fahrenheit, and is shown on the charts by means of figures written alongside the circles which indicate the positions of the stations.

Maximum and Minimum Temperatures entered in the British Section for Liverpool (Bidston) since 1st. April, 1921, have been for the 22 hour period commencing at 9 am. the previous day.

**Upper Air Temperature.**—The actual observations are made normally, one at 1,000 feet above the level of the aerodrome, and the remainder at *pressures* of 950, 900, 850, 800, etc., millibars. Heights are then computed and, apart from instrumental error, are correct heights: they do not require modification for differences of temperature from normal as these are allowed for in the computation. The values are shown graphically and in tabular form in the Upper Air Supplement. On the diagram, temperatures are given in degrees Fahrenheit and Absolute. The lines marked "Anti-cyclonic," "Cyclonic," "Summer," and "Winter," indicate the normal fall of temperature with pressure under the conditions indicated. The oblique line marked "Adiabatic" shows the lapse rate of temperature for dry air ascending or descending under adiabatic conditions, *i.e.*, without communication of heat from external sources. The lapse rate under these circumstances is very approximately 5·5° F. per 1,000 feet, or 10a per kilometre. A lapse rate greater than this value indicates instability of the atmosphere.

The new tables for computing relative humidity from readings of dry and wet bulb thermometers exposed on aeroplanes, are based on the formula* $e'' = e' - A\ (t-t')\ \frac{B}{1000}$ where A = 0.37, which differs from the old formula used previously to the 19th September, 1921, only in having a constant 0·37 instead of 0·278. Considerable difference exists between the values for relative humidity given by the two formulæ when the humidity is low: when it is high the differences are slight. The following tables indicate the actual value of these differences, the new formula invariably giving smaller humidities:—

| Dry Bulb. °F. | Air pressure 400 mb. Depression of wet bulb. 5° | 10° | 15° | 20° | 25° | Dry Bulb. °F. | Air pressure 600 mb. Depression of wet bulb 5° | 10° | 15° | 20° | 25° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 6 | 10 | — | — | — | 20 | 7 | 15 | — | — | — |
| 40 | 2 | 4 | 6 | 9 | — | 40 | 3 | 6 | 10 | — | — |
| 60 | 1 | 2 | 3 | 4 | 5 | 60 | 2 | 3 | 4 | 7 | 7 |
| 80 | 0 | 1 | 1 | 2 | 2 | 80 | 0 | 2 | 2 | 3 | 4 |

| Dry Bulb. °F. | Air pressure 800 mb. Depression of wet bulb. 5° | 10° | 15° | 20° | 25° | Dry Bulb. °F. | Air pressure 1000 mb. Depression of wet bulb. 5° | 10° | 15° | 20° | 25° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 10 | — | — | — | — | 20 | 12 | — | — | — | — |
| 40 | 4 | 9 | 13 | — | — | 40 | 6 | 11 | — | — | — |
| 60 | 2 | 4 | 7 | — | — | 60 | 3 | 6 | 8 | 11 | — |
| 80 | 2 | 2 | 4 | 4 | 5 | 80 | 2 | 3 | 4 | 6 | 6 |

* e″ = actual pressure of water vapour in the air expressed in the same unit as B
e′ = saturation pressure of water vapour at wet bulb temperature.
t = dry bulb temperature in degrees F.
t′ = wet bulb temperature in degrees F.
B = barometric pressure.

The new formula is based on experiments in the wind channel at South Farnborough, which indicate that A is practically independent of the speed of the wind at speeds above 20 m.p.h. In the old formula, the value of A was obtained by extra-polation from the curve giving its actual values at different wind speeds up to 12 m.p.h.

**Radio Disturbances (Atmospherics) at Croydon.**—In the table under the above heading, information is given concerning atmospherics heard at Croydon. The term "atmospherics" is used to denote the clicks and crashes which are commonly heard in a wireless receiver, the intensity of which varies greatly at different times. Observations at Croydon are made 4 times daily at 1h., 7h., 13h. and 18h. G.M.T.

The second column indicates the type of sound heard, by the following abbreviations:—

C—Uniform clicks and normal quiet distribution.
$C_1C_2$—Clicks of two obviously different orders of intensity.
Cg—Clicks predominant but a few grinders.
G—Grinders predominant.
GG—Continuous grinders whose minimum direction can be found by estimation of intensity without counting.
Ck—Clicks with a few loud crashes.
CK—Clicks with numerous crashes.
KK—Very loud atmospherics.

In the third column the number of atmospherics per 4 seconds is shown. This number is obtained with the receiving coil set in a direction to give the maximum number.

Fourth column. Strength.

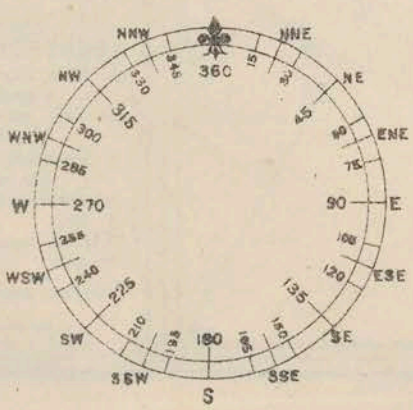
Fifth column. Direction. This indicates the direction from which the maximum intensity of atmospherics is proceeding. Directions are given in degrees (*see* diagram below).

It is to be noted that there is an ambiguity of 180° in the determination of direction.

**Wind.**—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. Wind velocities are shown on the charts of the British Section and Upper Air Supplement in m.p.h. by the numbers placed within the small circles. In the International Section velocities are not shown. In both Sections the number of feathers on the arrows denotes wind force by Beaufort number.

**Upper Winds.**—The direction and velocity of the wind are given in the charts of the Upper Air Supplement for heights of 1,000 feet, 3,000 feet, and 6,000 feet. The data are also given in tabular form for various heights. The reports are usually based on Pilot Balloon ascents.

In the tabular statement direction is specified in degrees from true north measured through East 90°, South 180°, West 270° to North 360°. (*See* diagram below.)




**Note.—Ships' Reports.**

SEA DISTURBANCE.

0 No or slight swell.
1. Moderate swell.
2. Heavy "
3. Long low "
4. Confused "
} and { Sea smooth to moderate.

5. No or slight swell.
6. Moderate "
7. Heavy "
8. Long low "
9. Confused "
} and { Sea rough or above.

# DAILY WEATHER REPORT. APPENDIX I.

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

**FOURTH QUARTER, OCTOBER TO DECEMBER.**

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

| | STATIONS. | PRESSURE 1906–1915. 7 a.m. Observations (reduced to M.S. Level). | AIR TEMPERATURE. Means of 1906–1915. Dry Bulb 7 a.m. | Means of 1881–1915. Daily Maximum. | Means of 1881–1915. Daily Minimum. | Absolute Extremes. 1881–1915. Maximum. Temp. | Maximum. Year. | Minimum. Temp. | Minimum. Year. | RAINFALL 1881–1915. Days with Rain. | Total Fall. | | BRIGHT SUNSHINE. 1881–1915. Daily Mean. | Per Centage of Possible Duration. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mb. | °F. | °F. | °F. | °F. | | °F. | | | mm. | in. | hr. | % |
| OCTOBER. | Lerwick | 1011·2 | 47·3 | 50·1 | 42·3 | 63 | 1908 | 28 | 1887 | 24 | 100 | 3·95 | — | — |
| | Stornoway | 1010·0 | 47·1 | 52·2 | 41·2 | 70 | 1898 | 27 | 1892 | 23 | 132 | 5·18 | 2·77 | 28 |
| | Castlebay (Barra Isd.) | [1011·6]§ | [50·5]§ | [53·6]§ | [47·7]§ | [63]§ | [1908]§ | [34]§ | [1909, 1913]§ | [20]§ | [86]§ | [3·39]§ | [2·55]§ | [25]§ |
| | Eskdalemuir | [1014·4]¶ | [42·4]¶ | [51·5]‖ | [38·5]‖ | [65]‖ | [1910]‖ | [19]‖ | [1911]‖ | [15]‖ | [100]‖ | [3·93]‖ | [2·39]‖ | [23]‖ |
| | Malin Head | 1009·3 | 49·3 | [53·2]* | [45·6]* | [73]* | [1908]* | [32]* | [1892]* | [20]* | [75]* | [2·95]* | — | — |
| | Blacksod Point | 1009·4 | 51·0 | [54·7]* | [46·0]* | [71]* | [1908]* | [29]* | [1905]* | [23]* | [127]* | [4·99]* | — | — |
| | Valencia | 1010·2 | 51·2 | 56·4 | 46·6 | 71 | 1908 | 28 | 1892 | 22 | 142 | 5·57 | 3·26 | 31 |
| | Roche's Point | 1011·2 | 51·0 | 56·2 | 46·4 | 65 | 1884, 86, 1914, 15 | 32 | 1881 | 19 | 104 | 4·09 | — | — |
| | Birr Castle | 1010·7 | 46·8 | 55·0 | 40·7 | 74 | 1908 | 22 | 1905 | 18 | 74 | 2·91 | 3·16 | 30 |
| | Donaghadee | 1011·3 | 49·2 | 54·3 | 44·3 | 66 | 1898 | 21 | 1892 | 18 | 73 | 2·88 | — | — |
| | Liverpool (Observatory) | 1012·5 | 47·9 | 54·1 | 44·8 | 73 | 1908 | 27 | 1895 | 18 | 83 | 3·27 | [2·81]§ | [27]§ |
| | Holyhead | 1011·5 | 51·3 | 55·1 | 46·9 | 75 | 1908 | 32 | 1892 | 19 | 101 | 3·99 | [2·87]** | [28]** |
| | Pembroke (St. Ann's Hd.) | 1011·4 | 51·6 | 55·6 | 48·1 | 67 | 1908 | 33 | 1895 | 19 | 106 | 4·19 | 3·29 | 31 |
| | Scilly (St. Mary's) | 1011·3 | 53·2 | 57·5 | 50·1 | 69 | 1895 | 38 | 1895, 1896 | 21 | 93 | 3·66 | 3·81 | 36 |
| | Falmouth | 1012·5 | 51·0 | 56·3 | 47·7 | 67 | 1895 | 33 | 1895 | 21 | 126 | 4·96 | 3·74 | 35 |
| | Jersey (St. Aubin's) | 1013·3 | 53·4 | 59·0 | 49·1 | 76 | 1908 | 33 | 1887 | 20 | 116 | 4·55 | 4·06 | 38 |
| | Portland Bill | 1012·2 | 53·8 | 56·9 | 48·8 | [67]† | [1908]† | [35]† | [1905, 1908]† | 17 | 94 | 3·68 | — | — |
| | Dungeness | 1013·2 | 52·1 | 57·4 | 46·0 | 70 | 1886, 1908 | 23 | 1890 | 17 | 89 | 3·52 | — | — |
| | Dover | [1015·5]§ | [50·7]§ | [57·5]§ | [46·6]§ | [74]§ | [1908]§ | [30]§ | [1909]§ | [18]§ | [106]§ | [4·18]§ | [3·81]§ | [36]§ |
| | Wick | 1011·0 | 47·0 | 52·2 | 41·0 | 73 | 1898 | 22 | 1885 | 21 | 75 | 2·96 | — | — |
| | Nairn | 1010·9 | 44·2 | 53·1 | 39·0 | 76 | 1908 | 19 | 1896 | 19 | 60 | 2·35 | [3·29]‡ | [33]‡ |
| | Aberdeen | 1012·2 | 46·6 | 52·8 | 41·7 | 74 | 1883 | 25 | 1880 | 20 | 76 | 3·00 | 3·06 | 30 |
| | Leith | 1011·9 | 47·7 | 54·8 | 42·1 | 75 | 1908 | 25 | 1894 | 17 | 61 | 2·41 | — | — |
| | Tynemouth | 1012·6 | 47·9 | 54·1 | 42·4 | 77 | 1908 | 27 | 1890, 92, 95, 1909 | 17 | 76 | 3·01 | — | — |
| | Spurn Head | 1012·8 | 50·7 | 54·6 | 45·9 | 70 | 1900 | 33 | 1887, 1895 | 17 | 61 | 2·40 | [2·68]** | [26]** |
| | Yarmouth | 1013·6 | 50·6 | 55·2 | 45·3 | 74 | 1900, 1908 | 27 | 1895 | 18 | 74 | 2·93 | [3·35]§ | [32]§ |
| | Clacton-on-Sea | 1013·7 | 51·0 | 55·7 | 45·7 | [71]‡ | [1908]‡ | [29]‡ | [1905]‡ | 14 | 49 | 1·91 | 3·61 | 35 |
| | Nottingham | 1013·3 | 46·6 | 55·3 | 41·7 | 78 | 1908 | 20 | 1890 | 19 | 63 | 2·49 | 2·68 | 26 |
| | LONDON (Kew Obsy.) | 1013·9 | 48·5 | 56·2 | 43·5 | 77 | 1886 | 25 | 1881, 1895 | 17 | 69 | 2·70 | 2·97 | 28 |
| NOVEMBER. | Lerwick | 1005·3 | 42·3 | 46·2 | 38·9 | 58 | 1901 | 24 | 1912 | 25 | 108 | 4·25 | — | — |
| | Stornoway | 1007·2 | 42·1 | 47·6 | 38·0 | 58 | 1897, 1901, 02 | 21 | 1912 | 24 | 148 | 5·83 | 1·43 | 19 |
| | Castlebay (Barra Isd.) | [1007·8]§ | [45·4 | [48·5]§ | 41·6]§ | 56]§ | 1914]§ | [28]§ | 1912]§ | [24]§ | [101]§ | [3·96]§ | [1·57]§ | [20]§ |
| | Eskdalemuir | [1009·4]¶ | [37·6]¶ | [43·2]‖ | 32·1]‖ | 54]‖ | 1914]‖ | [6]‖ | [1912]‖ | [20]‖ | 154]‖ | [6·05]‖ | 2·03]‖ | [25]‖ |
| | Malin Head | 1008·4 | 44·6 | [48·6]* | 41·7]* | 59]* | [1894, 99, 1906]* | [30]* | [1909, 1912]* | [21]* | [83]* | [3·28]* | — | — |
| | Blacksod Point | 1010·3 | 46·1 | [50·2]* | 42·0]* | 60]* | [1897, 1899]* | [26]* | [1890]* | [24]* | [132]* | [5·21]* | — | — |
| | Valencia | 1012·4 | 46·3 | 52·0 | 42·9 | 63 | 1881 | 27 | 1890, 96, 1901 | 23 | 139 | 5·46 | 2·17 | 25 |
| | Roche's Point | 1013·0 | 45·5 | 51·4 | 42·5 | 61 | 1908, 1909 | 27 | 1890 | 19 | 107 | 4·20 | — | — |
| | Birr Castle | 1011·8 | 40·6 | 49·3 | 36·8 | 64 | 1912 | 17 | 1909 | 19 | 79 | 3·10 | 2·13 | 25 |
| | Donaghadee | 1010·4 | 43·7 | 49·4 | 40·1 | 60 | 1894, 1909 | 27 | 1883 | 19 | 77 | 3·04 | — | — |
| | Liverpool (Observatory) | 1011·6 | 42·5 | 48·5 | 40·2 | 61 | 1894, 95, 99 | 25 | 1901, 05, 15 | 18 | 64 | 2·50 | [2·27]§ | [27]§ |
| | Holyhead | 1011·3 | 46·3 | 50·2 | 42·9 | 62 | 1881 | 29 | 1915 | 19 | 105 | 4·14 | [2·50]** | [30]** |
| | Pembroke (St. Ann's Hd.) | 1012·2 | 46·7 | 51·1 | 43·9 | 60 | 1911 | 28 | 1890 | 20 | 97 | 3·80 | 2·17 | 25 |
| | Scilly (St. Mary's) | 1013·2 | 48·7 | 53·2 | 46·3 | 61 | 1898 | 29 | 1890 | 20 | 83 | 3·27 | 2·50 | 28 |
| | Falmouth | 1013·9 | 46·1 | 51·6 | 43·9 | 60 | 1895, 1897 | 23 | 1890 | 20 | 122 | 4·80 | 2·53 | 29 |
| | Jersey (St. Aubin's) | 1014·2 | 47·9 | 53·0 | 44·3 | 66 | 1899 | 16 | 1890 | 21 | 104 | 4·08 | 2·53 | 28 |
| | Portland Bill | 1012·7 | 47·7 | 51·7 | 44·3 | [61]† | [1900]† | [29]† | [1912]† | 14 | 66 | 2·58 | — | — |
| | Dungeness | 1012·2 | 44·4 | 50·7 | 40·7 | 63 | 1899 | 17 | 1890 | 16 | 70 | 2·75 | — | — |
| | Dover | [1012·9]§ | 42· § | [48·9] | [38·6]§ | [60]§ | [1914]§ | [25]§ | [1911]§ | [16]§ | [78]§ | [3·07]§ | [2·90]§ | [33]§ |
| | Wick | 1006·6 | 41·5 | 46·9 | 37·0 | 62 | 1900 | 12 | 1909 | 20 | 80 | 3·14 | — | — |
| | Nairn | 1007·5 | 39·8 | 46·9 | 35·4 | 62 | 1906 | 12 | 1904 | 19 | 60 | 2·36 | [1·70]‡ | [22]‡ |
| | Aberdeen | 1008·3 | 40·7 | 46·8 | 37·4 | 62 | 1883 | 14 | 1909 | 19 | 75 | 2·95 | 1·83 | 23 |
| | Leith | 1009·0 | 42·0 | 48·5 | 38·0 | 63 | 1885 | 18 | 1885 | 15 | 50 | 1·95 | — | — |
| | Tynemouth | 1009·9 | 41·8 | 48·4 | 38·1 | 62 | 1894 | 20 | 1912 | 16 | 54 | 2·13 | — | — |
| | Spurn Head | 1010·4 | 43·8 | 48·2 | 40·8 | 61 | 1894, 1895 | 28 | 1884 | 16 | 47 | 1·85 | [1·90]** | [23]** |
| | Yarmouth | 1011·6 | 43·3 | 48·5 | 39·6 | 60 | 1895, 98, 99, 1904 | 23 | 1890 | 18 | 61 | 2·41 | [2·33]§ | [27]§ |
| | Clacton-on-Sea | 1012·4 | 43·0 | 48·5 | 39·7 | [60]‡ | [1908]‡ | [25]‡ | 1904]‡ | 15 | 47 | 1·86 | 2·33 | 27 |
| | Nottingham | 1011·9 | 40·7 | 48·4 | 37·1 | 63 | 1895 | 13 | 1904 | 19 | 48 | 1·88 | 1·37 | 16 |
| | LONDON (Kew Obsy.) | 1013·2 | 41·9 | 49·1 | 38·8 | 52 | 1881, 94, 95 | 21 | 1901 | 16 | 56 | 2·22 | 1·73 | 20 |
| DECEMBER. | Lerwick | 1000·9 | 40·4 | 43·6 | 36·6 | 53 | 1890, 1905 | 19 | 1909 | 27 | 122 | 4·79 | — | — |
| | Stornoway | 1000·9 | 40·3 | 44·4 | 35·4 | 55 | 1898, 1913 | 16 | 1912 | 26 | 159 | 6·25 | 0·74 | 12 |
| | Castlebay (Barra Isd.) | [1000·5]§ | [44·1]§ | [46·9]§ | [40·1]§ | [54]§ | [1912]§ | [26]§ | [1912]§ | [26]§ | [146]§ | [5·74]§ | [0·77]§ | [12]§ |
| | Eskdalemuir | [1003·9]¶ | [36·7]¶ | [42·1]‖ | [33·0]‖ | [52]‖ | [1910, 12]‖ | [8]‖ | [1912]‖ | [26]‖ | [204]‖ | [8·04]‖ | [0·74]‖ | [11]‖ |
| | Malin Head | 1001·6 | 42·3 | [45·7]* | [38·6]* | [55]* | [1900, 04, 13]* | [28]* | [1906, 1909]* | [24]* | [85]* | [3·35]* | — | — |
| | Blacksod Point | 1003·0 | 44·4 | [47·5]* | [39·9]* | [59]* | [1899]* | [25]* | [1906]* | [26]* | [155]* | [6·12]* | — | — |
| | Valencia | 1005·8 | 45·4 | 49·8 | 41·1 | 57 | 1884, 88, 99, 1900 | 24 | 1886 | 26 | 169 | 6·64 | 1·32 | 17 |
| | Roche's Point | 1006·9 | 44·5 | 48·8 | 40·4 | 57 | 1906 | 25 | 1882 | 23 | 135 | 5·32 | — | — |
| | Birr Castle | 1005·2 | 40·5 | 46·1 | 35·0 | 58 | 1900 | 10 | 1882 | 21 | 84 | 3·29 | 1·39 | 19 |
| | Donaghadee | 1004·4 | 41·8 | 45·9 | 37·2 | 56 | 1885, 88, 94, 1909, 12, 13 | 21 | 1909 | 21 | 81 | 3·17 | — | — |
| | Liverpool (Observatory) | 1006·7 | 41·2 | 44·8 | 36·8 | 59 | 1891, 98, 1900 | 17 | 1882, 1890 | 19 | 67 | 2·65 | [1·39]§ | [19]§ |
| | Holyhead | 1005·8 | 44·5 | 46·9 | 39·9 | 56 | 1888 | 26 | 1890, 1902 | 20 | 106 | 4·16 | [1·77]** | [24]** |
| | Pembroke (St. Ann's Hd.) | 1006·9 | 45·5 | 48·1 | 41·3 | 57 | 1899, 1902 | 19 | 1890 | 22 | 115 | 4·52 | 1·35 | 18 |
| | Scilly (St. Mary's) | 1008·6 | 47·6 | 50·7 | 44·0 | 58 | 1899, 1900 | 30 | 1890 | 23 | 111 | 4·36 | 1·81 | 23 |
| | Falmouth | 1009·5 | 45·5 | 48·8 | 41·6 | 57 | 1899 | 25 | 1886, 1890 | 23 | 159 | 6·27 | 1·77 | 22 |
| | Jersey (St. Aubin's) | 1011·5 | 46·2 | 48·8 | 41·1 | 59 | 1898 | 22 | 1890 | 22 | 105 | 4·15 | 1·87 | 23 |
| | Portland Bill | 1009·1 | 46·5 | 48·1 | 41·2 | [56]† | [1906, 07, 13]† | [24]† | [1908]† | 19 | 75 | 2·94 | — | — |
| | Dungeness | 1009·5 | 43·2 | 46·2 | 37·1 | 56 | 1897, 98, 1900, 07 | 12 | 1890 | 17 | 70 | 2·77 | — | — |
| | Dover | [1010·2]§ | [42·4]§ | [46·7]§ | [38·4]§ | [54]§ | [1912, 14, 15]§ | [18]§ | [1908]§ | [21]§ | [105]§ | [4·12]§ | [1·45]§ | [19]§ |
| | Wick | 1001·3 | 39·3 | 43·6 | 34·3 | 58 | 1905, 1907 | 10 | 1906 | 22 | 78 | 3·08 | — | — |
| | Nairn | 1001·9 | 37·4 | 43·0 | 32·1 | 58 | 1900 | 8 | 1912 | 19 | 56 | 2·22 | [1·16]‡ | [18]‡ |
| | Aberdeen | 1003·3 | 38·5 | 42·9 | 34·2 | 57 | 1885, 98, 1906, 10, 12 | 6 | 1882 | 19 | 82 | 3·22 | 1·16 | 18 |
| | Leith | 1003·8 | 40·5 | 44·8 | 35·0 | 60 | 1896 | 6 | 1882 | 17 | 51 | 2·00 | — | — |
| | Tynemouth | 1005·2 | 40·0 | 44·3 | 34·7 | 59 | 1898 | 19 | 1882, 86, 91, 92, 1908 | 16 | 55 | 2·18 | — | — |
| | Spurn Head | 1006·5 | 40·7 | 43·6 | 36·4 | 56 | 1898, 1912 | 19 | 1891 | 16 | 51 | 1·99 | [1·32]** | [18]** |
| | Yarmouth | 1008·6 | 40·6 | 43·6 | 35·2 | 60 | 1901 | 18 | 1899, 1906 | 18 | 62 | 2·44 | [1·23]§ | [16]§ |
| | Clacton-on-Sea | 1009·6 | 40·8 | 43·4 | 35·8 | [55]‡ | [1904]‡ | [17]‡ | [1908]‡ | 15 | 45 | 1·77 | 1·52 | 20 |
| | Nottingham | 1007·7 | 39·9 | 44·2 | 33·9 | 59 | 1912 | 9 | 1908 | 20 | 61 | 2·39 | 0·90 | 12 |
| | LONDON (Kew Obsy.) | 1009·8 | 41·4 | 44·7 | 35·9 | 57 | 1882, 88 1902, 05, 07 | 11 | 1890 | 17 | 58 | 2·29 | 1·19 | 16 |

* Results for 30 years, 1886–1915.
† " 16 " 1900–1915.
‡ " 15 " 1901–1915.

‡ Results for 9 years, 1907–1915.
§ " 8 " 1908–1915.
‖ " 6 " 1910–1915.

¶ Results for 5 years, 1911–1915.
** " 2 " 1914–1915.

METEOROLOGICAL OFFICE,
South Kensington, London, S.W.
March, 1916.

Speeds computed for average height of 5 miles for cirro type cloud (double lines) and 3 miles for alto clouds (single line). For scale see p. 2.

**SUPPLEMENT TO THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.**

**SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SELECTED STATIONS ISSUED ON THE 1st DAY OF EACH MONTH.**

## Notes on the Weather of OCTOBER, 1922.

In London and several other parts of the country October is normally the wettest month, but the month just ended was remarkable for its scarcity of rainfall and quite one of the driest this year in many districts. Total precipitation was in some localities less than 20mm while at Bidston, Liverpool it only amounted to 7mm, barely a quarter of the lowest previous record for October: 29mm in 1875.

On the 6th., pressure became high over the British Isles and although the centre moved East after a few days, anticyclonic conditions prevailed in the eastern districts for about a fortnight. Sunshine records were remarkably good from the 11th - 16th on each of which dates between eight and ten hours were enjoyed in the Southeast and in several instances similarly high values were obtained in other parts of the country. 10.0 hours were measured at Lympne on the 13th and at Aberystwyth on the 15th.

Some of the days were warm with maxima above 60° but on the whole the prevalence of northeasterly winds between the 6th and 10th and from the 17th to 30th caused generally cold weather in the Southeast. On the 20th and again on the 26th, 28th and 29th the thermometer failed to rise above 45° throughout the day in London and elsewhere while on the morning of the 26th the frost was unusually sharp for the time of year: not since 1905 had Kew registered 28° in the screen during October.

A depression over the Bay of Biscay caused easterly gales in the Channel on the 29th and heavy rain and snow at Jersey. Slight falls of snow or sleet were also experienced in southern England.

### TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

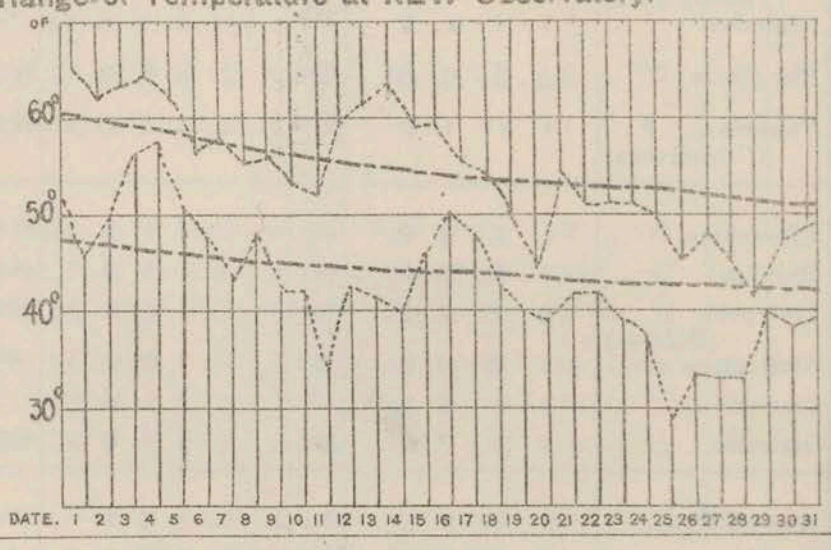
| | | Land Reports. |
|---|---|---|
| 0. Dense fog. | Objects not visible at | 55 yards. |
| 1. Rather thick fog | " " | 220 " |
| 2. Very bad | " " | 550 " |
| 3. Bad | " " | 1,100 " |
| 4. Very poor | " " | 1¼ miles. |
| 5. Poor | " " | 2½ " |
| 6. Moderate | " " | 6¼ " |
| 7. Good | " " | 12½ " |
| 8. Very good | " " | 31¼ " |
| 9. Excellent | " beyond | 31¼ " |

For making reports of visibility a set of "objects" is chosen at each station at certain specified distances. The degree of visibility is judged by noting the most distant of these objects which can be seen at the time of observation.

### Daily Range of Temperature at KEW Observatory.

*The upper pecked curve indicates the maximum temperature recorded each day throughout the month between 7h. and 18h.; the lower curve indicates the minimum temperature recorded each night between 18h. of one day and 7h. of the next.*

*The two nearly horizontal chain lines show the normal trend of day maximum and night minimum temperature.*




## SURFACE VISIBILITY. [No. of observations within fixed limits of telegraphic code.]

| STATIONS. | 1H. | | | | | | | | | | 7H. | | | | | | | | | | 13H. | | | | | | | | | | 18H. | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Stornoway ... ... ... | 0 | 0 | 0 | 0 | 5 | 13 | 10 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 5 | 11 | 11 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 10 | 13 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 4 | 15 | 10 | 1 | 0 |
| Aberdeen ... ... ... | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 2 | 2 | 16 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 9 | 12 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 13 | 6 | 6 | 0 |
| Edinburgh (Inchkeith) ... | 0 | 0 | 1 | 0 | 0 | 1 | 4 | 4 | 19 | 2 | 0 | 1 | 0 | 1 | 1 | 0 | 4 | 9 | 14 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 6 | 5 | 15 | 2 | 0 | 0 | 0 | 1 | 0 | 2 | 4 | 5 | 19 | 0 |
| Renfrew ... ... ... | * | * | * | * | * | * | * | * | * | * | 0 | 2 | 4 | 3 | 2 | 6 | 5 | 3 | 6 | 0 | 0 | 0 | 2 | 0 | 3 | 6 | 7 | 3 | 9 | 1 | 0 | 0 | 2 | 2 | 5 | 6 | 12 | 2 | 2 | 0 |
| Eskdalemuir ... ... ... | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 1 | 0 | 1 | 2 | 8 | 9 | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 10 | 15 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 9 | 11 | 8 | 0 |
| Baldonnell ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle ... ... ... | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 4 | 0 | 2 | 8 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 17 | 7 | 4 | 1 |
| Valencia (Cahirciveen) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth ... ... ... | 0 | 0 | 0 | 0 | 1 | 5 | 12 | 13 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 4 | 9 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 6 | 13 | 7 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 4 | 17 | 0 | 0 |
| Holyhead ... ... ... | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 26 | 22 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 4 | 22 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 7 | 19 | 0 |
| Liverpool (Bidston) ... ... | * | * | * | * | * | * | * | * | * | * | 0 | 1 | 1 | 3 | 3 | 7 | 4 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 12 | 7 | 9 | 0 | 1 | 0 | 0 | 1 | 3 | 3 | 9 | 8 | 3 | 4 | 0 |
| Nottingham ... ... ... | * | * | * | * | * | * | * | * | * | * | 1 | 3 | 3 | 0 | 2 | 3 | 14 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 10 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 19 | 6 | 0 | 0 |
| Cranwell ... ... ... | 0 | 1 | 1 | 1 | 2 | 0 | 11 | 12 | 3 | 0 | 0 | 2 | 2 | 0 | 1 | 6 | 8 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 14 | 8 | 7 | 0 |
| Gorleston ... ... ... | 0 | 1 | 0 | 0 | 0 | 1 | 6 | 20 | 3 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 10 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 7 | 20 | 1 | 0 |
| Ross-on-Wye ... ... ... | * | * | * | * | * | * | * | * | * | * | 1 | 4 | 1 | 1 | 3 | 1 | 9 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 9 | 13 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 10 | 9 | 8 | 1 |
| Benson ... ... ... | * | * | * | * | * | * | * | * | * | * | 0 | 3 | 2 | 1 | 1 | 0 | 14 | 3 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 9 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 9 | 16 | 0 |
| London (Kew Obs.) ... ... | * | * | * | * | * | * | * | * | * | * | 1 | 0 | 4 | 0 | 1 | 4 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 20 | 4 | 4 | 0 | 0 | 0 | 0 | 3 | 8 | 11 | 9 | 0 | 0 | 0 |
| Croydon ... ... ... | 0 | 0 | 0 | 0 | 4 | 7 | 14 | 3 | 3 | 0 | 0 | 2 | 0 | 1 | 6 | 6 | 9 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 16 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 13 | 13 | 1 | 0 | 0 |
| Grain ... ... ... | * | * | * | * | * | * | * | * | * | * | 0 | 1 | 1 | 0 | 1 | 0 | 8 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 19 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 8 | 4 | 17 | 0 |
| Lympne ... ... ... | 0 | 1 | 1 | 0 | 0 | 1 | 4 | 15 | 9 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 14 | 5 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 14 | 1 | 0 | 0 | 0 | 0 | 1 | 5 | 7 | 10 | 8 | 0 |
| Falmouth (Pendennis) ... | * | * | * | * | * | * | * | * | * | * | 0 | 1 | 1 | 0 | 0 | 2 | 4 | 20 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 11 | 5 | 0 | 0 | 0 | 1 | 0 | 2 | 1 | 4 | 18 | 5 | 0 |
| Southampton (Calshot) ... | 0 | 0 | 0 | 0 | 0 | 2 | 6 | 9 | 14 | 0 | 0 | 1 | 0 | 1 | 1 | 3 | 11 | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 19 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 10 | 16 | 3 | 0 |

H.M.S.O. Press, Kingsway, W.C.2.

Ps.2/27/622. Wt. 259. 0.7350/PK.1080.

# SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE,

| Equivalents of Temperature. A°. | P°. |
|---|---|
| 263·8 | 15 |
| 265·0 | 23 |
| 268·6 | 24 |
| 273·0 | 32 |
| 273·6 | 33 |
| 278·0 | 41 |
| 278·6 | 43 |
| 283·0 | 50 |

| STATIONS. | Temperature. Number of daily readings within fixed limits. † Maximum. 33° – 41 | 42 – 50 | 51 – 59 | 60 – 68 | Normal Max. | † Minimum. 23 or below | 24 – 32 | 33 – 41 | 42 – 50 | 51 – 59 | Normal Min. | Extremes—Warmest and Coldest Days. Highest Maximum. | Date. | Lowest Maximum. | Date. | Nights. Highest Minimum. | Date. | Lowest Minimum. | Date. | Number of Ground Frosts. | Low Cloud. Number of observations within fixed limits. 7h. Below 1,000 ft. | 1,000–5,000 ft. | 5,000–8,000 ft. | 13h. Below 1,000 ft. | 1,000–5,000 ft. | 5,000–8,000 ft. | 18h. Below 1,000 ft. | 1,000–5,000 ft. | 5,000–8,000 ft. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | °F. | | | | | | °F. | °F. | | °F. | | °F. | | °F. | | | | | | | | | | | |
| Stornoway ... | 0 | 11 | 19 | 1 | 52·2 | 0 | 6 | 13 | 11 | 1 | 41·2 | 64 | 15 | 43 | 28 | 53 | 14 | 27 | 31 | * | 15 | 7 | 0 | 13 | 12 | 0 | 18 | 5 | 0 |
| Aberdeen ... | 0 | 12 | 17 | 2 | 53·0 | 0 | 2 | 11 | 16 | 2 | 41·6 | 62 | 14 | 44 | 27,28 29,30 | 52 | 5 | 31 | 31 | 7 | 1 | 27 | 0 | 1 | 25 | 1 | 3 | 23 | 2 |
| Edinburgh ... (Inchkeith) | 0 | 12 | 17 | 2 | * | 0 | 0 | 10 | 17 | 4 | * | 66 | 14 | 43 | 28 30 | 54 | 5 | 34 | 29 | 1 | * | * | * | * | * | * | * | * | * |
| Renfrew ... ... | 1 | 11 | 15 | 4 | * | 3 | 6 | 8 | 12 | 2 | * | 66 | 14 | 41 | 25 | 53 | 5 | 18 | 30 | 15 | 2 | 19 | 4 | 0 | 18 | 8 | 4 | 16 | 3 |
| Eskdalemuir ... | 3 | 14 | 12 | 2 | * | 1 | 8 | 15 | 6 | 1 | * | 65 | 15 | 39 | 28 | 52 | 5 | 23 | 31 | 11 | 4 | 23 | 0 | 2 | 26 | 0 | 3 | 22 | 1 |
| Dublin ... ... (Phœnix Park) | 0 | 11 | 12 | 8 | 55·3 | 0 | 3 | 13 | 3 | 2 | 41·2 | 67 | 4 | 45 | 25 29 | 53 | 13 | 28 | 31 | 4 | * | * | * | * | * | * | * | * | * |
| Baldonnel ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle ... | 0 | 11 | 15 | 5 | 55·0 | 0 | 5 | 9 | 13 | 4 | 40·7 | 67 | 14 | 44 | 29 | 53 | 14 | 25 | 31 | 11 | 7 | 23 | 0 | 2 | 28 | 0 | 3 | 25 | 0 |
| Valencia ... ... (Cahirciveen) | * | * | * | * | 56·4 | * | * | * | * | * | 46·6 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth ... | 0 | 12 | 15 | 4 | 54·1 | 0 | 0 | 9 | 19 | 3 | 42·4 | 64 | 5 | 45 | 26 28 | 52 | 5 | 36 | 26 29 | 1 | 0 | 28 | 0 | 0 | 28 | 0 | 0 | 29 | 0 |
| Holyhead ... | 0 | 8 | 20 | 3 | 55·1 | 0 | 0 | 4 | 20 | 7 | 46·9 | 66 | 14 | 46 | 28,29 31 | 55 | 4 5 | 39 | 26 29 | 0 | 1 | 27 | 0 | 3 | 23 | 2 | 2 | 20 | 3 |
| Liverpool ... (Bidston) | 0 | 12 | 16 | 3 | 54·1 | 0 | 1 | 12 | 15 | 3 | 44·8 | 66 | 4 | 43 | 29 | 53 | 5 | 32 | 28 | 4 | 2 | 21 | 0 | 1 | 26 | 0 | 0 | 23 | 0 |
| Nottingham ... | 0 | 13 | 10 | 8 | 55·3 | 0 | 1 | 17 | 10 | 3 | 41·7 | 65 | 14 | 44 | 29 | 56 | 5 | 31 | 14 | 4 | 8 | 19 | 0 | 2 | 25 | 0 | 0 | 22 | 0 |
| Cranwell ... .. | 0 | 11 | 12 | 8 | * | 0 | 3 | 16 | 10 | 2 | * | 64 | 4 | 44 | 29 | 55 | 5 | 30 | 26 | 6 | 5 | 24 | 0 | 1 | 25 | 1 | 0 | 25 | 2 |
| Gorleston ... | 0 | 9 | 17 | 5 | 55·2 | 0 | 0 | 6 | 16 | 9 | 45·3 | 65 | 5 | 43 | 29 | 55 | 5 | 37 | 29 | 2 | 1 | 21 | 2 | 0 | 18 | 5 | 0 | 18 | 6 |
| Ross-on-Wye ... | 1 | 9 | 11 | 10 | 56·1 | 0 | 7 | 11 | 9 | 4 | 42·1 | 63 | 13 | 41 | 29 | 55 | 4 | 27 | 26 | 12 | 12 | 14 | 1 | 0 | 24 | 0 | 0 | 18 | 0 |
| Benson ... ... | 0 | 10 | 11 | 10 | * | 0 | 5 | 15 | 8 | 3 | * | 65 | 14 | 42 | 29 | 56 | 5 | 25 | 26 | ?11 | * | * | * | * | * | * | * | * | * |
| London ... ... (Kew Obsy.) | 0 | 9 | 14 | 8 | 56·2 | 0 | 1 | 12 | 14 | 4 | 43·5 | 65 | 1 | 42 | 29 | 57 | 5 | 28 | 26 | 11 | 3 | 20 | 2 | 0 | 22 | 2 | 0 | 18 | 1 |
| Croydon ... ... | 1 | 10 | 11 | 9 | * | 0 | 4 | 14 | 10 | 3 | * | 65 | 1 14 | 41 | 29 | 57 | 5 | 25 | 26 | 11 | 10 | 15 | 1 | 2 | 23 | 1 | 2 | 20 | 0 |
| Grain ... .. | 0 | 11 | 14 | 6 | * | 0 | 1 | 9 | 17 | 4 | * | 66 | 5 | 42 | 28 | 57 | 5 | 25 | 26 | 3 | 1 | 22 | 2 | 0 | 24 | 0 | 0 | 20 | 2 |
| Lympne ... ... | 2 | 8 | 15 | 6 | * | 0 | 3 | 10 | 13 | 5 | * | 63 | 1 | 39 | 29 | 56 | 5 | 29 | 26 | 7 | 13 | 12 | 0 | 7 | 19 | 0 | 7 | 15 | 3 |
| Southampton ... (Calshot) | 0 | 8 | 16 | 7 | * | 0 | 0 | 13 | 12 | 6 | * | 64 | 2 | 43 | 29 | 57 | 5 | 33 | 28 | 2 | 2 | 17 | 3 | 1 | 24 | 0 | 1 | 19 | 3 |
| Falmouth ... (Pendennis) | 0 | 8 | 19 | 4 | * | 0 | 0 | 7 | 13 | 11 | * | 64 | 1 2 6 | 44 | 29 | 56 | 4 | 34 | 30 | * | 0 | 30 | 0 | 0 | 28 | 1 | 0 | 28 | 3 |

## UPPER AIR TEMPERATURE.

| Pressure. | Normal Height. | Normal Temperature. | Leuchars. Mean. | No. of Reports. | Stanborough. Mean. | No. of Reports. | Andover. Mean. | No. of Reports. |
|---|---|---|---|---|---|---|---|---|
| mb. | feet. | °F. | °F | | °F. | | °F. | |
| 950 | 1760 | 46 | 38 | 8 | 43 | 6 | 46 | 12 |
| 850 | 4740 | 40 | 26 | 8 | 32 | 7 | 37 | 12 |
| 750 | 8040 | 31 | 27 | 1 | 23 | 7 | 29 | 12 |
| 650 | 11 750 | 21 | – | – | 16 | 5 | 20 | 12 |
| 550 | 15 960 | 6 | – | – | 7 | 1 | 7 | 5 |

## UPPER WINDS.

(No. of records of Velocity (m.p.h.) within fixed limits.)

| Station. Height. Feet. | Renfrew. No. of Obs. | Under 10 m.p.h. | 10–25 m.p.h. | 26–45 m.p.h. | 46–75 m.p.h. | Above 75 m.p.h. | Collinstown. No. of Obs. | Under 10 m.p.h. | 10–25 m.p.h. | 26–45 m.p.h. | 46–75 m.p.h. | Above 75 m.p.h. | Lympne. No. of Obs. | Under 10 m.p.h. | 10–25 m.p.h. | 26–45 m.p.h. | 46–75 m.p.h. | Above 75 m.p.h. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2,000 | 29 | 7 | 16 | 6 | 0 | 0 | 27 | 4 | 13 | 10 | 0 | 0 | 55 | 6 | 26 | 23 | 0 | 0 |
| 5,000 | 14 | 4 | 7 | 3 | 0 | 0 | 11 | 2 | 5 | 4 | 0 | 0 | 29 | 0 | 21 | 8 | 0 | 0 |
| 10,000 | 3 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 6 | 1 | 4 | 1 | 0 | 0 |
| 15,000 | 2 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

† Since March 1st, 1921, the readings need have (except in the case of Phœnix Park) been the maximum for the period 7h.–18h., and the minimum for the period 18h.–7h. Previously the period was 7h.–7h.

# RAINFALL, HUMIDITY AND LOW CLOUD, OCTOBER, 1922.

Equivalents of Temperature.

| A°. | F°. |
|---|---|
| 283·6 | 51 |
| 288·0 | 59 |
| 288·6 | 60 |
| 293·0 | 68 |
| 293·6 | 69 |
| 298·0 | 77 |
| 298·6 | 78 |
| 303·0 | 86 |

| STATIONS. | Sunshine. Number of Days with duration. Nil. | 0·1—3h. | 3·1—6h. | 6·1—9h. | Above 9h. | Maximum Duration Hours. | Date. | Total for past 12 months. hours. | Difference from average. hours. | Total for Month. hours. | Difference from average. hours. | Rainfall. Number of days with amount. 0, trace or 0·1 mm. | 0·2—1 mm. | 1·1—5 mm. | 5·1—15 mm. | 15·1—25 mm. | Above 25 mm. | Maximum fall in 24 hrs. mm. | Date. | Total for past 12 months. mm. | Difference from Average. mm. | Total for Month.* mm. | Difference from Average. mm. | Days with Thunder. | Days with Snow or Sleet. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stornoway ... | 6 | 10 | 7 | 8 | 0 | 7·9 | 17 | 1266 | +7 | 106 | +20 | 13 | 6 | 8 | 3 | 1 | 0 | 17 | 13 | 1257 | −9 | 72 | −60 | 0 | 0 |
| Aberdeen ... | 3 | 16 | 6 | 6 | 0 | 8·5 | 6 | 1210 | −177 | 98 | +3 | 11 | 12 | 5 | 2 | 1 | 0 | 16 | 30 | 744 | −7 | 57 | −19 | 0 | 2 |
| Edinburgh (Inchkeith) ... | 6 | 8 | 6 | 9 | 2 | 9·5 | 6 | * | * | 120 | * | 19 | 6 | 4 | 2 | 0 | 0 | 10 | 5 | 463 | * | 31 | * | 0 | 0 |
| Renfrew ... ... | 8 | 7 | 11 | 5 | 0 | 8·7 | 6 | 1158 | * | 91 | * | 24 | 0 | 2 | 5 | 0 | 0 | 14 | 31 | 874 | * | 51 | * | 0 | 0 |
| Eskdalemuir ... | 7 | 11 | 6 | 5 | 2 | 9·8 | 7 | 1193 | * | 105 | * | 12 | 7 | 5 | 5 | 2 | 0 | 22 | 12, 31 | 1390 | * | 100 | * | 0 | 2 |
| Dublin (Phœnix Park) ... ... | 4 | 12 | 9 | 4 | 2 | 9·3 | 14, 15 | 1507 | 0 | 104 | 0 | 21 | 2 | 7 | 1 | 0 | 0 | 5 | 31 | 606 | −99 | 19 | −48 | 0 | 0 |
| Baldonnel ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle ... | * | * | * | * | * | * | * | * | * | * | * | 21 | 3 | 5 | 2 | 0 | 0 | 8 | 31 | 812 | −17 | 31 | −43 | 0 | 0 |
| Valencia (Cahirciveen) ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth ... | * | * | * | * | * | * | * | * | * | * | * | 12 | 10 | 8 | 1 | 0 | 0 | 6 | 5 | 633 | +12 | 31 | −45 | 0 | 0 |
| Holyhead ... | 5 | 10 | 6 | 7 | 3 | 9·7 | 14 | 1592 | * | 128 | * | 23 | 2 | 4 | 1 | 1 | 0 | 17 | 31 | 783 | −105 | 34 | −67 | 0 | 0 |
| Liverpool (Bidston) ... | 1 | 16 | 9 | 4 | 1 | 9·3 | 15 | 1436 | * | 95 | * | 28 | 2 | 1 | 0 | 0 | 0 | 4 | 5 | 674 | −35 | 7 | −76 | 0 | 0 |
| Nottingham ... | 2 | 12 | 9 | 8 | 0 | 7·6 | 13 | 1177 | −148 | 109 | +26 | 17 | 9 | 5 | 0 | 0 | 0 | 3 | 15, 18 | 661 | +63 | 14 | −49 | 0 | 2 |
| Cranwell ... .. | 1 | 15 | 6 | 9 | 0 | 8·5 | 14 | 1570 | * | 118 | * | 16 | 8 | 6 | 1 | 0 | 0 | 7 | 18 | 602 | * | 25 | * | 0 | 2 |
| Gorleston ... | 2 | 10 | 6 | 11 | 2 | 9·4 | 14 | * | * | 142 | * | 15 | 9 | 5 | 2 | 0 | 0 | 7 | 20 | 724 | +102 | 31 | −43 | 0 | 0 |
| Ross-on-Wye ... | 3 | 8 | 10 | 10 | 0 | 9·0 | 13 | 1462 | * | 123 | * | 20 | 7 | 4 | 0 | 0 | 0 | 4 | 31 | 668 | −50 | 14 | −69 | 0 | 1 |
| Benson ... ... | * | * | * | * | * | * | * | * | * | * | * | 20 | 5 | 6 | 0 | 0 | 0 | 3 | 29 | 599 | * | 15 | * | 0 | 2 |
| London (Kew Obsy.) ... ... | 4 | 10 | 9 | 7 | 1 | 9·2 | 13 | 1467 | −8 | 117 | +25 | 20 | 6 | 4 | 1 | 0 | 0 | 8 | 4 | 536 | −70 | 18 | −51 | 0 | 1 |
| Croydon ... ... | 4 | 9 | 10 | 3 | 5 | 9·7 | 15 | 1526 | * | 120 | * | 21 | 3 | 5 | 2 | 0 | 0 | 7 | 4 | 613 | * | 26 | * | 0 | 1 |
| Grain ... ... | 5 | 9 | 10 | 3 | 4 | 9·9 | 15 | 1606 | * | 121 | * | 17 | 5 | 8 | 1 | 0 | 0 | 9 | 19 | ¶ | * | 32 | * | 0 | 0 |
| Lympne ... ... | 4 | 10 | 7 | 5 | 5 | 10·0 | 13 | 1749 | * | 134 | * | 15 | 6 | 7 | 3 | 0 | 0 | 10 | 30 | 704 | * | 51 | * | 0 | 1 |
| Southampton (Calshot) ... | 3 | 8 | 6 | 12 | 2 | 9·4 | 13 | 1734 | * | 150 | * | 24 | 5 | 1 | 1 | 0 | 0 | 13 | 4 | 587 | * | 21 | * | 0 | 1 |
| Falmouth Observatory ... | 4 | 9 | 8 | 8 | 2 | 9·6 | 8 | 1636 | −123 | 131 | +15 | 21 | 2 | 5 | 2 | 1 | 0 | 19 | 31 | 1088 | −19 | 56 | −70 | 0 | 1 |

## MINIMUM SURFACE HUMIDITY.

No. of Days with Minima between Fixed Limits.

| Station. | 95–100 %. | 90–94 %. | 80–89 %. | 70–79 %. | 60–69 %. | 50–59 %. | 40–49 %. | 30–39 %. | 20–29 %. |
|---|---|---|---|---|---|---|---|---|---|
| Aberdeen ... | 0 | 1 | 5 | 5 | 13 | 5 | 2 | 0 | 0 |
| Renfrew ... ... | 0 | 3 | 2 | 9 | 11 | 6 | 0 | 0 | 0 |
| Eskdalemuir ... | 0 | 1 | 3 | 12 | 6 | 6 | 2 | 1 | 0 |
| Valencia ... ... | * | * | * | * | * | * | * | * | * |
| Benson ... ... | 0 | 0 | 2 | 4 | 14 | 9 | 2 | 0 | 0 |
| London (Kew Obsy.) ... ... | 0 | 0 | 0 | 2 | 15 | 12 | 2 | 0 | 0 |
| Falmouth ... | * | * | * | * | * | * | * | * | * |

## NOTES ON CHART OF ISOPLETHS (p. 4).

The diagram is obtained by drawing a line from Akureyri in Iceland to the South of France, near Marseilles. The points at which the isobars drawn for 4 mb pressure intervals intersect this line at 1h., 7h., 13h. and 18h. are plotted consecutively and joined to shew the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W. in the north, at Lat. 44½° N., Long. 4° E. in the south.

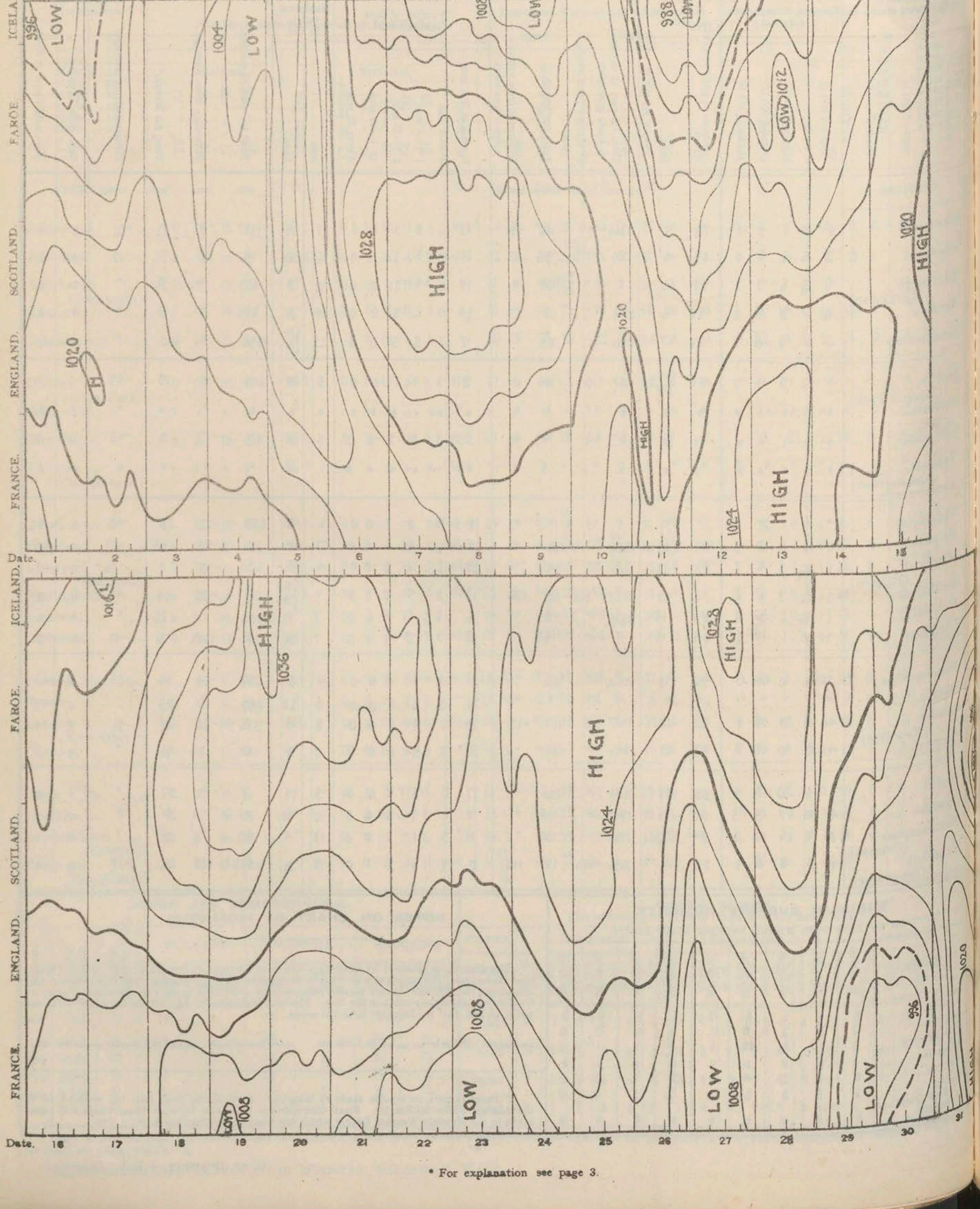
——— = 1,020 mb. — — — = 1,000 mb. ×—×—×—× = 980 mb. —o—o— = 960 mb.

* Based in part on reports made by telegraph in which the daily falls are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0·1 mm.

G. C. SIMPSON, F.R.S., *Director.*

# PRESSURE: ICELAND TO GULF OF LIONS OCTOBER 1922.

ISOPLETHS* BASED ON SIX-HOURLY OBSERVATIONS.




* For explanation see page 3.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22228 SUNDAY 1ST OCTOBER 1922. 

Observations at 1800 G.M.T. 30th

| Stations | Barom. at M.S.L. (mb) | Change in 3 Hours‡ | Wind Direc. | Wind Force (0-12) | Weather | Temp. (°F.) | Humidity (%) | Visibility§ (0-9) | Height of Low Cloud (Feet) | Low Cloud Form | Low Cloud Amt. (0-10) | Upper Form | Total Amt. (0-10) | Sea (0-9) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1018.0 | -2 | S | 5 | o/r | 51 | 85 | 7 | 4000 | StCu | 4 | A.St | 10 | • |
| Stornoway | 1013.5 | 0 | W | 3 | c- | 57 | 75 | 6 | 4000 | Cu | 8 | - | 8 | • |
| Wick | 1015.7 | -2 | SSW | 6 | o- | 51 | 92 | 8 | 4000 | Cu Nb | 6 | A.Cu | 9 | • |
| Castlebay | 1014.5 | -1 | SW | 2 | c+ | 56 | 75 | 6 | 1500 | StCu | 8 | - | 9 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1019.3 | -1 | SW | 2 | o | 53 | 75 | 7 | 4000 | StCu | 10 | - | 10 | • |
| Malin Head | 1014.3 | -1 | SW | 3 | o | 56 | 85 | 7 | 1500 | Nb | 10 | - | 10 | • |
| Renfrew | 1017.8 | -3 | S | 3 | odd | 55 | 92 | 5 | 1500 | Nb | 10 | - | 10 | • |
| Edinburgh (Inchkeith) | 1018.4 | -3 | SSW | 2 | o | 54 | 85 | 7 | 4000 | StCu | 10 | - | 10 | • |
| Leuchars | 1018.7 | -3 | S | 2 | of | 53 | 85 | 7 | 4000 | StCu | 6 | A.St | 10 | • |
| Eskdalemuir | 1019.9 | -2 | SE | 2 | odd | 48 | 97 | 6 | 800 | Nb | 10 | - | 10 | • |
| Tynemouth | 1020.6 | -2 | SW | 2 | bc/f | 57 | 65 | 6 | - | - | 0 | A.Cu | 4 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1017.3 | -1 | SW | 2 | od | 56 | 97 | 7 | 2500 | St | 10 | - | 10 | • |
| Birr Castle | | | | | | | | | | | | | | |
| Collinstown | 1017.4 | -3 | SSE | 2 | o | 58 | 92 | 7 | 1500 | St | 10 | - | 10 | • |
| Holyhead | 1018.5 | -4 | SSE | 4 | of | 55 | 92 | 7 | 450 | Nb | 10 | - | 10 | • |
| Liverpool (Bidston) | 1020.8 | -2 | SE | 2 | o | 53 | 75 | 6 | 1500 | Nb | 10 | - | 10 | • |
| Chester (Shotwick) | 1020.1 | -3 | SSE | 3 | o | 55 | 75 | 7 | 4000 | StCu | 8 | A.St | 10 | • |
| Spurn Head | 1022.8 | 0 | WSW | 2 | o | 57 | 75 | 7 | 2500 | St | 2 | A.Cu | 9 | • |
| Nottingham | 1022.4 | • | SW | 2 | o | 56 | 65 | 7 | 1500 | StCu | 10 | - | 10 | • |
| Cranwell | 1023.5 | -1 | SW'S | 2 | o | 57 | 65 | 6 | 4000 | StCu | 2 | A.Cu | 9 | • |
| Gorleston | 1023.0 | +1 | NW'W | 3 | c+ | 57 | 75 | 6 | - | - | 0 | A.Cu | 8 | • |
| Valencia (Cahirciveen) | 1016.3 | -1 | S | 1 | od+ | 57 | 97 | 3 | - | - | 0 | A.St | 10 | • |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1019.2 | -3 | SSW | 5 | ofr | 53 | 92 | 7 | 1500 | Nb | 10 | - | 10 | • |
| Ross-on-Wye | 1023.0 | -2 | SW'S | 3 | of+ | 54 | 85 | 7 | 2500 | Nb | 9 | A.St | 10 | • |
| Benson | 1024.3 | -1 | SSW | 3 | o | 57 | 75 | 7 | - | St | 5 | A.St | 10 | • |
| Andover | 1024.5 | 0 | S | 3 | o+ | 55 | 85 | 7 | 2500 | StCu | 3 | A.St | 10 | • |
| S. Farnborough | 1024.5 | -1 | SW | 3 | o | 58 | 65 | 8 | - | - | 0 | A.St | 10 | • |
| London (Kew Obsy.) | 1024.5 | -2 | SW | 2 | o | 58 | 65 | 7 | - | - | 0 | C.St | 10 | • |
| Croydon | 1024.5 | -2 | WSW | 3 | o | 58 | 65 | 7 | - | - | 0 | C.St | 10 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1024.7 | +1 | NW | 1 | c/f | 56 | 55 | 6 | - | - | 0 | A.St | 8 | • |
| Grain | 1024.8 | +1 | WSW | 2 | o | 57 | 55 | 6 | - | - | 0 | A.Cu | 9 | • |
| Lympne | 1024.5 | +1 | NW'W | 3 | o | 55 | 65 | 7 | - | - | 0 | A.Cu | 9 | • |
| Scilly (St. Mary's) | 1021.5 | 0 | SW | 4 | odd | 58 | 97 | 3 | 450 | St | 10 | - | 10 | • |
| Falmouth (Pendennis) | 1022.1 | -3 | SW | 5 | orr | 56 | 97 | 4 | 2500 | Nb | 10 | - | 10 | • |
| Plymouth (Cattewater) | 1023.2 | -3 | S | 3 | orr | 55 | 97 | 5 | 450 | Nb | 10 | - | 10 | • |
| Portland Bill | 1024.3 | -2 | SW | 4 | opr | 58 | 75 | 7 | 450 | St | 10 | - | 10 | • |
| Southampton (Calshot) | 1024.9 | -2 | WSW | 4 | o | 58 | 75 | 8 | 1500 | Cu | 3 | A.St | 10 | • |
| Dungeness | 1024.6 | +1 | S | 2 | c | 58 | 65 | 8 | - | - | 0 | A.Cu | 7 | • |
| Jersey 7h | 1025.5 | 0 | NW | 2 | o | 59 | 92 | 8 | 4000 | StCu | 10 | - | 10 | • |
| Guernsey 1h | | | | | | | | | | | | | | |

Observations at 1800 G.M.T. 30th

| Stations | Barom. at M.S.L. (mb) | Change in 3 Hours‡ | Wind Direc. | Wind Force (0-12) | Weather | Temp. (°F.) | Humidity (%) | Visibility§ (0-9) | Height of Low Cloud (Feet) | Low Cloud Form | Low Cloud Amt. (0-10) | Upper Form | Total Amt. (0-10) | Sea (0-9) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1015.8 | -2 | S | 5 | od+ | 51 | 97 | 6 | 4000 | Nb | 8 | A.St | 10 | 4 |
| Stornoway | 1013.2 | 0 | - | 0 | [illegible] | 53 | 92 | 6 | 450 | St | 10 | - | 10 | 0 |
| Wick | 1013.9 | -2 | SSW | 3 | o | 53 | 92 | 8 | 5700 | StCu | 10 | - | 10 | 3 |
| Castlebay | 1014.5 | -1 | SSW | 3 | ocr | 52 | 85 | 7 | 800 | St | 10 | - | 10 | 3 |
| Nairn | 1016.1 | • | - | 0 | [illegible] | 53 | 92 | 7 | 2500 | Nb | 10 | - | 10 | • |
| Aberdeen | 1017.2 | -2 | SW | 3 | o | 52 | 92 | 6 | 800 | St | 10 | - | 10 | 1 |
| Malin Head | 1013.5 | -1 | NW | 1 | oD | 53 | 97 | 5 | 800 | Nb | 10 | - | 10 | 3 |
| Renfrew | 1015.7 | -2 | - | 0 | orr | 53 | 92 | 5 | 800 | Nb | 10 | - | 10 | • |
| Edinburgh (Inchkeith) | 1016.1 | -3 | SSE | 2 | ofc | 52 | 85 | 7 | - | Nb | 10 | - | 10 | 1 |
| Leuchars | 1016.7 | -2 | S | 2 | orr | 52 | 92 | 6 | 1500 | Nb | 10 | - | 10 | 5 |
| Eskdalemuir | 1017.8 | -3 | WSW | 2 | ofc | 49 | 92 | 5 | 450 | Nb | 10 | - | 10 | • |
| Tynemouth | 1019.3 | -4 | SSW | 1 | o | 54 | 85 | 4 | - | - | 0 | A.St | 10 | 0 |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1015.2 | -1 | S | 1 | orr | 55 | 97 | 4 | 1500 | St | 10 | - | 10 | 2 |
| Birr Castle | | | | | | | | | | | | | | • |
| Collinstown | 1015.5 | -2 | SW | 2 | odd | 58 | 92 | 4 | 450 | Nb | 10 | - | 10 | • |
| Holyhead | 1015.2 | -4 | SSE | 4 | of | 55 | 97 | 5 | 275 | St | 10 | - | 10 | 3 |
| Liverpool (Bidston) | 1017.1 | -5 | SE | 4 | orr | 49 | 97 | 4 | 800 | Nb | 10 | - | 10 | 4 |
| Chester (Shotwick) | 1016.6 | -4 | S | 2 | orr | 51 | 97 | 4 | 450 | St | 10 | - | 10 | • |
| Spurn Head | 1020.4 | -2 | S | 3 | o | 54 | 75 | 7 | 4000 | StCu | 2 | C.St | 10 | 3 |
| Nottingham | 1019.8 | • | S | 1 | ofc | 53 | 85 | 6 | 1500 | Nb | 10 | - | 10 | • |
| Cranwell | 1021.5 | -3 | S | 2 | o | 52 | 85 | 7 | 4000 | StCu | 3 | A.Cu | 10 | • |
| Gorleston | 1022.3 | 0 | - | 0 | c | 53 | 75 | 6 | - | - | 0 | A.Cu | 8 | 0 |
| Valencia (Cahirciveen) | 1017.2 | +2 | W | 1 | b | 55 | 97 | 8 | ? | ? | ? | ? | ? | ? |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1017.5 | -2 | WSW | 5 | oDD | 57 | 97 | 2 | 450 | Nb | 10 | - | 10 | 5 |
| Ross-on-Wye | 1019.0 | -4 | SW | 4 | od | 54 | 97 | 7 | 1500 | Nb | 10 | - | 10 | • |
| Benson | 1021.6 | -1 | S | 2 | odd | 52 | 92 | 7 | - | Nb | 10 | - | 10 | • |
| Andover | 1022.4 | -3 | S | 3 | of | 52 | 92 | 7 | 1500 | Nb | 10 | - | 10 | • |
| S. Farnborough | 1022.5 | -3 | S | 3 | ofc | 53 | 85 | 7 | 800 | Nb | 4 | A.St | 10 | • |
| London (Kew Obsy.) | 1023.0 | -2 | SW | 1 | ofc | 55 | 75 | 5 | 1500 | Nb | 1 | A.St | 10 | • |
| Croydon | 1023.1 | -2 | SW | 2 | of,c | 54 | 85 | 6 | 7200 | StCu | 3 | A.St | 10 | • |
| Clacton-on-Sea | 1022.9 | -2 | S | 2 | c | 55 | 65 | 6 | 7200 | StCu | 8 | - | 8 | 0 |
| Shoeburyness | 1023.2 | -1 | - | 0 | o+ | 55 | 75 | 7 | 5700 | StCu | 8 | A.St | 10 | • |
| Grain | 1023.3 | -2 | S | 2 | o | 55 | 75 | 7 | - | - | 0 | A.St | 10 | 0 |
| Lympne | 1023.8 | -1 | WSW | 2 | o | 52 | 85 | 7 | 5700 | Nb | 6 | A.Cu | 10 | • |
| Scilly (St. Mary's) | 1020.9 | 0 | SW | 3 | mmo | 57 | 97 | 6 | 800 | St | 10 | - | 10 | 5 |
| Falmouth (Pendennis) | 1022.9 | 0 | S | 5 | o | 57 | 97 | 5 | 1500 | St | 10 | - | 10 | 1 |
| Plymouth (Cattewater) | 1021.3 | -3 | SSW | 3 | fo | 57 | 97 | 3 | 150 | St | 10 | - | 10 | 1 |
| Portland Bill | 1021.7 | -3 | SW | 5 | orr | 56 | 75 | 6 | 450 | St | 10 | - | 10 | 4 |
| Southampton (Calshot) | 1023.2 | -3 | SSW | 4 | o/r | 53 | 92 | 7 | 1500 | Nb | 7 | A.St | 10 | 3 |
| Dungeness | 1024.1 | -1 | SW | 3 | c | 56 | 85 | 8 | - | - | 0 | A.Cu | 8 | 3 |
| Jersey 7h | 1024.5 | 0 | SW | 2 | o/r | 58 | 85 | 8 | 4000 | StCu | 10 | - | 10 | 2 |
| Guernsey 1h | | | | | | | | | | | | | | |

## London Observations

24 Hours ended 0700 G.M.T. 1st (Weather, Temperature, Rainfall); Sunshine: Yesterday; Humidity: To-day.

| London Observations | Weather Morning | Weather Afternoon | Weather Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F. | Rainfall Day | Rainfall Night | Sunshine to Sunset hrs. | Humidity 18h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew (24 hours ended 0700) | omno | ozomf | ofm | • | • | 50 | 0.1 | 4 | 1.6 | • | • |
| Croydon (24 hours ended 0700) | omzoo | omf | of.cm | • | • | 50 | tra | 4 | 1.9 | • | • |
| Greenwich (Royal Obsy.) | o | o | odrd | 61 | 46 | 50 | - | 6 | 1.4 | 59 | 92 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 0.3 | • | • |
| Westminster (St. James' Pk.) | • | • | • | | | | | | 1.1 | | |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 0.9 | • | • |
| Camden Square | omn c | - | • | 60 | 44 | 47 | - | 7 | • | • | 95 |
| Kensington Palace | co | o | • | 60 | 52 | 50 | - | 5 | • | 73 | 99 |
| Hampstead Observatory | • | • | • | | | • | | | 1.3 | • | |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre. 24 Hrs. ended 1800 G.M.T. ........

| South Kensington | | | |
|---|---|---|---|
| Max. | Time. | Min. | Time. |
| | | | |

| Kew Observatory | | | |
|---|---|---|---|
| Max. | Time. | Min. | Time. |
| | | | |

**Solar Radiation.** Vertical component per square centimetre. During yesterday. South Kensington.

Total ............ Joules

Average Rate ............ Milliwatts.

Maximum Rate ............ Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from ....................h......m. to ....................h......m.

| Stars. | Exposure. | Record. | |
|---|---|---|---|
| | h. m. | h. m. | % |
| Polaris | | | |
| δ Ursae Minoris | | | |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 12h. | | | | |
| 18h. | | | | |
| 0h. | | | | |
| 6h. | | | | |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.** 1st & 2nd October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 5.56<br>5.57 | 11.43<br>11.42 | 5.30<br>5.27 |
| Greenwich | 6.2<br>6.3 | 11.50<br>11.49 | 5.38<br>5.35 |
| Wick | 6.19<br>6.21 | 12.2<br>12.1 | 5.45<br>5.42 |
| Valencia | 6.43<br>6.44 | 12.31<br>12.30 | 6.19<br>6.16 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
u unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; j = intermittent; → = "decreasing"; ← = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$r_or_o$ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**

0=no swell, 1=mod. swell, 2=heavy swell — Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell — Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

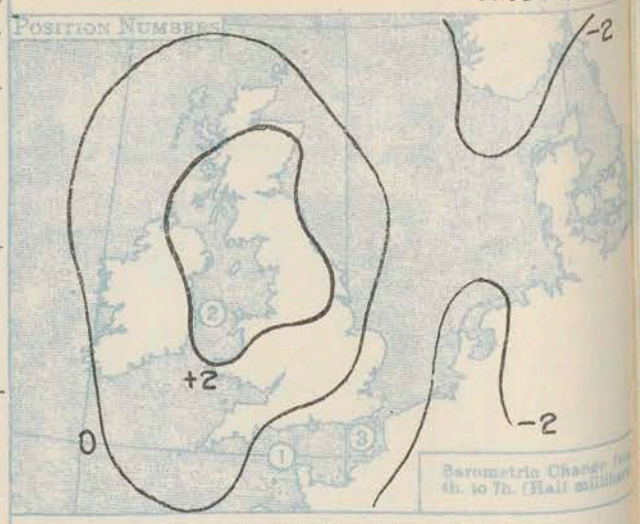
M.O. Form 2370.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 30 | 13h.-18h. 30 | 18h.30 - to 1h.15 | 1h.-7h. 15 | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL.† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | cpq | oqd | oqr | omr | 51 | 47 | • | 0.5 | 5 | 1230 | <2100 | • |
| Stornoway ... ... | b-bc | c | bbc | orbc | 58 | 42 | • | 0.3 | 3 | - | - | 1.6 |
| Wick ... ... ... | oo | oo | orr | bbc | 54 | 40 | • | - | 5 | - | - | • |
| Castlebay ... ... | opco | op | opcb | bc | 56 | 51 | • | 2 | 0.3 | 1330 | - | 1.6 |
| Nairn ... ... ... | cgiR | Ro | iRoc | cbc | 59 | 45 | • | 1 | 8 | 1630 | <2100 | 1.0 |
| Aberdeen ... ... | omm | om | mRR | rrbcm | 55 | 49 | 43 | - | 12 | - | <2100 | 0.3 |
| Malin Head ... ... | ome | omdd | olmd | cfR | 57 | 49 | | 7 | 1 | 1430 | 0230 | 0.0 |
| Renfrew ... ... | omdw | orrmrr | omrr | cmbc | 55 | 47 | 42 | 1 | 3 | <0800 | <2100 | 0.0 |
| Edinburgh (Inchkeith) | ozz | omr | rr | c | 54 | 50 | 47 | 0.5 | 1 | 1630 | 0130 | 0.0 |
| Leuchars ... ... | oir | r-d | b | bc | 54 | 47 | 36 | 0.6 | 9 | 1100 | <2100 | 0.0 |
| Eskdalemuir ... ... | oodm | odmor | odm | ordmo | 49 | 47 | 44 | 3 | 5 | <0800 | <2100 | 0.0 |
| Tynemouth ... ... | iFm | mbco | mrr | rrc | 58 | 7 | 44 | - | 8 | - | <2100 | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | omd | idrr | b | bc | 56 | 48 | • | 2 | 0.3 | <0800 | <2100 | • |
| Birr Castle ... ... | | | | | | | | | | | | |
| Collinstown ... ... | oo | orm | odgdm | oo | 59 | 45 | • | 2 | 1 | 1530 | <2100 | 0.0 |
| Holyhead ... ... | orr | rrm | orod | odgo | 55 | 54 | 51 | 1 | 0.2 | 1100 | 2400 | 0.0 |
| Liverpool (Bidston) ... | oo | r-d | r-d | | 57 | 45 | 48 | 4 | 1 | 1330 | <2100 | 0.0 |
| Chester (Shotwick) ... | omo | rrm | orrcm | coprm | 56 | 51 | 48 | 3 | 4 | 1430 | <2100 | • |
| Spurn Head ... ... | c | c | r-d | c | 58 | 50 | • | - | 7 | - | <2100 | 1.8 |
| Nottingham ... ... | oo | oo | R | c | 57 | 51 | 39 | trace | 9 | 1730 | <2100 | 0.5 |
| Cranwell ... ... | oo | oo | orrm | ocm | 57 | 48 | 48 | - | 8 | - | 2400 | 0.7 |
| Gorleston ... ... | oc | c | cor | ord | 58 | ?49 | 47 | - | 6 | - | 2400 | 1.7 |
| Valencia (Cahirciveen) | fdc | o | d | b | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | oqpr | offd | offdd | cojp | 57 | 55 | • | 7 | 3 | 0900 | 2200 | 0.0 |
| Ross-on-Wye ... ... | omo | rrg | idorr | oo | 55 | 54 | 54 | 4 | 0.5 | 1230 | <2100 | 0.2 |
| Benson... ... ... | co | orr | orr | o | 58 | 51 | ? | 1 | 4 | 1630 | <2100 | • |
| Andover ... ... | bcco | orr | orr | orr | 57 | 51 | 51 | 2 | 1 | 1630 | <2100 | 0.9 |
| S. Farnborough ... | c | oorrwr | r-d | | 59 | 51 | 50 | 0.2 | 3 | 1630 | <2100 | 1.9 |
| London (Kew Obsy.)... | cmwo | ozomrr | orro | oorom | 58 | 52 | 50 | 0.1 | 4 | 1730 | <2100 | 1.6 |
| Croydon ... ... | omz ⊕ | omrr | orrrm | orrrm | 59 | 51 | 50 | trace | 4 | 1730 | <2100 | 1.9 |
| Clacton-on-Sea .. | bcco | ocm | cmogr | cgr | 58 | 52 | 50 | - | 16 | - | 2200 | 3.7 |
| Shoeburyness ... ... | bcmc | co | orrom | orr | 59 | 50 | 50 | - | 13 | - | <2100 | 2.5 |
| Grain ... ... ... | omomz | oo | orro | orrR | 59 | 51 | 48 | - | 14 | - | <2100 | 1.3 |
| Lympne ... ... | bccoc | oo | orrmf | orrfm | 58 | 52 | 49 | - | 10 | - | <2100 | 4.5 |
| Scilly (St. Mary's) .. | ffdffd | offd | ffco | coF | 59 | 54 | • | 2 | - | 1100 | - | 0.1 |
| Falmouth (Pendennis) | omr | omorm | offd | | 58 | 55 | • | 4 | 0.3 | 1230 | 0130 | 0.0 |
| Plymouth (Cattewater) | orrm | orrdf | | | | | | 6 | | 0900 | | |
| Portland Bill ... .. | cop | or | op | op | 59 | 52 | • | 4 | 2 | 1230 | <2100 | • |
| Southampton (Calshot) | oo | rr | rddd | oidd | 58 | 52 | 53 | 1 | 4 | 1530 | <2100 | 1.9 |
| Dungeness .. . | c | c | ormrr | rro | 59 | 55 | • | - | 3 | - | <2100 | • |
| Jersey 7h } .. | o | odro | oirr | oirro | 60 | 57 | • | 1 | 5 | 1530 | 2200 | 0.8 |
| Guernsey 1h } | | | | | | | | | | | | |

ISALLOBARS. 1st. October,

POSITION NUMBERS




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea |
|---|---|---|---|---|---|---|---|
| 2 | 30th 1000 | Anglia | S | 6 | om | 56 | 56 |
| 1 | " 1200 | Reindeer | SW | 4 | d | 58 | 59 |
| 3 | 1st 0200 | Dieppe | SW | 4 | o | 58 | 60 |
| 2 | " 1000 | Anglia | WNW | 4 | c | 57 | 56 |

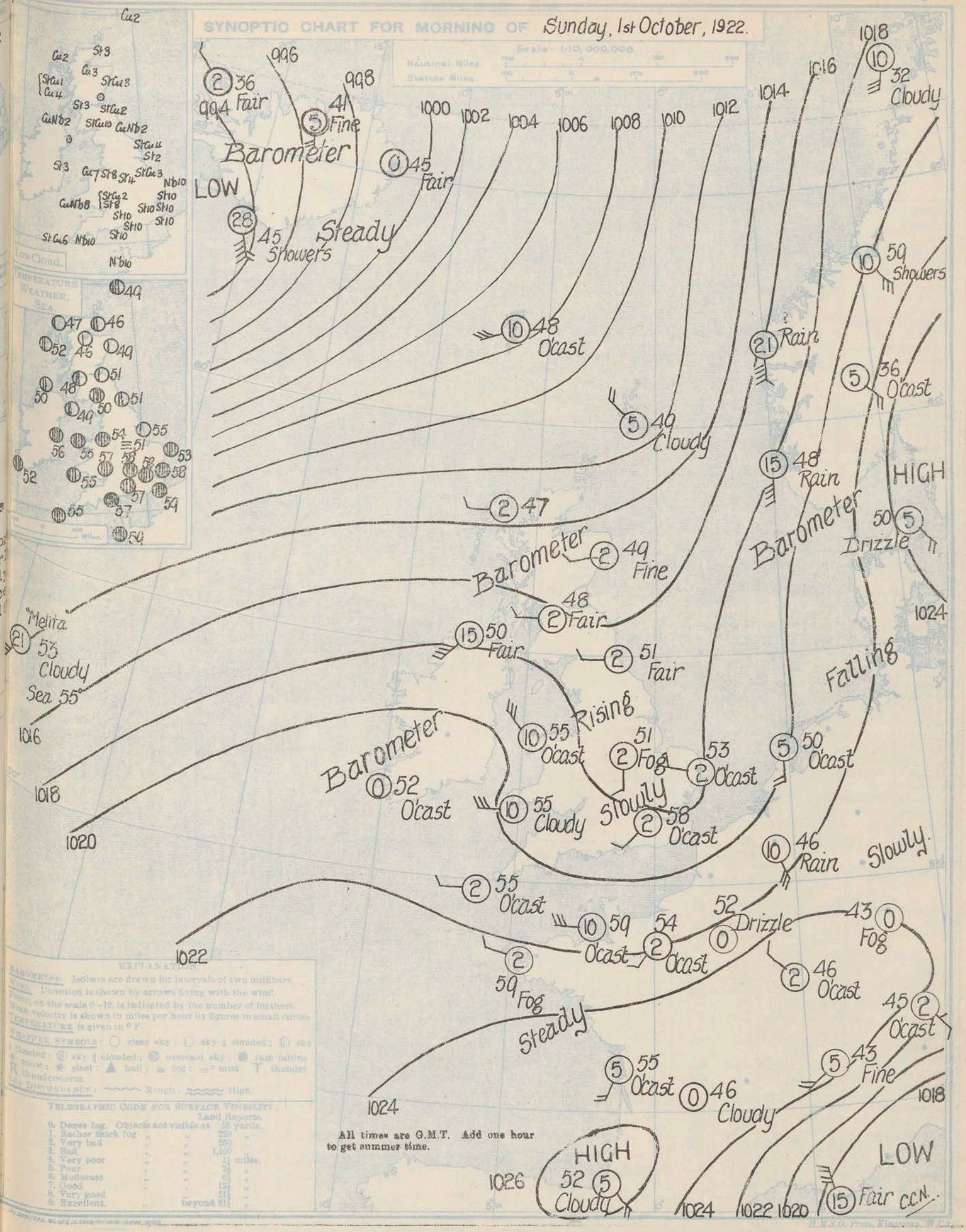
GENERAL INFERENCE.

Pressure remains lowest in the Iceland region and high in a belt extending from near the Azo to Central Europe. Mild wester to southwesterly winds are likel mainly of light or moderate forc accompanied by cloudy weather wi bright periods but a risk of occasional showers.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 1st October, 1922 | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England<br>11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N.&N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Westerly to southwesterly winds, light or moderate; cloudy, bright periods, risk of occasional showers; day visibility good, but morning mist or fog; moderate temperature. | Unsettled. |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.00 G.M.T. C. MAG. SIMPSON, F.R.S., Director.

* For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF Sunday, 1st October, 1922.
Scale - 1/10,000,000
Nautical Miles
Statute Miles
Barometer
LOW
Steady
Rising
Falling
Slowly
HIGH
"Melita"
Sea 55°
Low Cloud.
TEMPERATURE
WEATHER.
SEA
EXPLANATION
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers.
Wind velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in °F.
WEATHER SYMBOLS: ○ clear sky; ◐ sky ¼ clouded; ◑ sky ½ clouded; ◕ sky ¾ clouded; ● overcast sky; ● rain falling; ✱ snow; ✱ sleet; ▲ hail; ≡ fog; ⌒ mist; ⊤ thunder; ⊤ thunderstorm.
SEA DISTURBANCE: ~~~ Rough; ≈≈≈ High.
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
Land Reports.
0. Dense fog. Objects not visible at 55 yards.
1. Rather thick fog " " 220 "
2. Very bad " " 660 "
3. Bad " " 1,100 "
4. Very poor " " 1½ miles.
5. Poor " " 2 "
6. Moderate " " 5 "
7. Good " " 11 "
8. Very good " " 21 "
9. Excellent. " beyond 31 "
All times are G.M.T. Add one hour to get summer time.
H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:



BRITISH SECTION ... SUNDAY, 1st OCTOBER ... 1922. No. 274.

**Observations at 0100 G.M.T. 1st**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1017.9 | -2 | SSW | 4 | 0rr | 50 | 97 | 6 | 1500 | Nb | 10 | - | 10 | • |
| Stornoway ... ... | 1013.7 | -2 | SW | 4 | 0+ | • | • | 5 | • | • | • | • | • | • |
| Wick ... ... ... | 1012.1 | -1 | SSW | 1 | c/r | 50 | 97 | 7 | 4000 | Nb | 8 | - | 8 | • |
| Castlebay ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head ... ... | 1014.8 | +1 | W | 4 | o/r | 53 | 97 | 7 | 1500 | Nb | 9 | - | 9 | • |
| Renfrew ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1014.0 | -2 | W | 1 | o/c | 51 | 97 | 7 | - | Sr | 10 | - | 10 | • |
| Leuchars ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth ... ... | 1015.3 | -2 | S | 1 | o/c | 50 | 97 | 6 | 4000 | Nb | 10 | - | 10 | • |
| Blacksod Point ... | | | | | | | | | | | | | | • |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | 1017.9 | +3 | SW | 2 | o/r | 57 | 97 | 7 | 2500 | SrCu | 10 | - | 10 | • |
| Holyhead ... ... | 1015.6 | +1 | SW | 3 | o/c | 57 | 97 | 6 | 225 | Sr | 10 | - | 10 | • |
| Liverpool (Bidston) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head ... ... | 1016.1 | -2 | SW'W | 6 | orr | 53 | 97 | 7 | 4000 | Nb | 10 | - | 10 | • |
| Nottingham ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell ... ... | 1017.7 | -3 | SSE | 2 | o/r | 50 | 97 | 6 | 800 | Sr | 10 | - | 10 | • |
| Gorleston ... ... | 1019.8 | -2 | SSW | 4 | orr | 49 | 97 | 7 | 4000 | Nb | 10 | - | 10 | • |
| Valencia (Cahirciveen) | 1020.9 | +3 | SSW | 1 | b/r | 53 | 85 | 6 | - | - | 0 | A.St | 3 | • |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1018.4 | 0 | W'S | 3 | f/o | 56 | 97 | 2 | 450 | Sr | 10 | - | 10 | • |
| Ross-on-Wye ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.) ... | • | • | • | • | • | 57 | • | • | • | • | • | • | • | • |
| Croydon ... ... | 1019.1 | -3 | SW'S | 4 | or | 57 | 97 | 6 | 1500 | Sr | 10 | - | 10 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne ... ... | 1019.8 | -4 | SSW | 4 | orr | 54 | 97 | 1 | <150 | Nb | 10 | - | 10 | • |
| Scilly (St. Mary's) ... | 1020.1 | 0 | W | 3 | ff0 | 57 | 97 | 1 | 1500 | Sr | 10 | - | 10 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1020.5 | 0 | WSW | 5 | o/r | 55 | 85 | 6 | 450 | Sr | 10 | - | 10 | • |
| Southampton (Calshot) | 1019.9 | -2 | W'S | 4 | o/c | 57 | 97 | 6 | 800 | Nb | 10 | - | 10 | • |
| Dungeness ... ... | 1020.3 | -3 | SW | 5 | o/r | 56 | 97 | 6 | 1500 | Sr | 10 | - | 10 | • |
| Jersey (Th.) ... ... | 1022.2 | -3 | SSW | 5 | o/r | 58 | 97 | 5 | 2500 | Sr | 10 | - | 10 | • |
| Guernsey (Th.) | | | | | | | | | | | | | | |

**Observations at 0700 G.M.T. 1st**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1011.7 | -1 | NW | 2 | c/r | 49 | 97 | 7 | 1500 | Cu | 2 | ACu | 7 | 1 |
| Stornoway ... ... | 1013.4 | +1 | W | 1 | o | 47 | 92 | 7 | 4000 | Cu | - | - | 2 | 0 |
| Wick ... ... ... | 1010.0 | +1 | SW | 1 | b | 48 | 97 | 7 | 800 | Sr | 3 | Ci | 4 | 1 |
| Castlebay ... ... | 1015.3 | +1 | W | 4 | bc | 52 | 83 | 7 | 1500 | Cu | 8 | - | 5 | 4 |
| Nairn ... ... ... | 1014.4 | • | - | 0 | b/r | 46 | 92 | 8 | 4000 | Cu | 3 | - | 3 | • |
| Aberdeen ... ... | 1015.1 | +2 | W'S | 1 | b | 49 | 97 | 6 | 4000 | SrCu | 3 | - | 3 | 0 |
| Malin Head ... ... | 1016.9 | +2 | SW'W | 4 | bc/r | 50 | 92 | 7 | 1200 | CuNb | 2 | ACu | 4 | 4 |
| Renfrew ... ... | 1017.2 | +3 | W | 1 | bc | 48 | 92 | 8 | 1500 | Sr | 3 | Ci | 4 | 3 |
| Edinburgh (Inchkeith) | 1015.3 | +2 | WSW | 3 | b/r | 51 | 92 | 7 | - | SrCu | 2 | - | 2 | • |
| Leuchars ... ... | 1015.8 | +3 | NNE | 2 | b | 49 | 97 | 8 | - | - | 0 | - | 0 | • |
| Eskdalemuir ... ... | 1017.4 | +2 | W'S | 2 | o | 50 | 92 | 7 | 1500 | SrCu | 10 | - | 10 | • |
| Tynemouth ... ... | 1016.3 | +2 | W | 1 | bc/r | 51 | 97 | 6 | 4000 | CuNb | 2 | Ci | 4 | • |
| Blacksod Point ... | 1018.5 | +2 | W | 1 | bc | 49 | 92 | 8 | - | - | 0 | CiCu | 6 | 0 |
| Donaghadee ... ... | | | | | | | | | | | | | | • |
| Birr Castle ... ... | 1020.7 | +2 | SW | 3 | o | 56 | 97 | 8 | 1500 | Sr | 3 | A.St | 9 | • |
| Collinstown ... ... | 1019.0 | +3 | NW | 3 | o | 55 | 92 | 8 | 2500 | Cu | 7 | CiSt | 9 | 1 |
| Holyhead ... ... | 1017.8 | +2 | W'N | 2 | o/r | 54 | 97 | 7 | 800 | Sr | 10 | - | 10 | 0 |
| Liverpool (Bidston) ... | 1017.9 | +3 | NNW | 4 | o | 55 | 97 | 6 | 1500 | St | 8 | Ci | 10 | • |
| Chester (Shotwick) ... | | | | | | | | | | | | | | |
| Spurn Head ... ... | 1016.8 | 0 | W | 3 | b | 55 | 92 | 7 | 1500 | Sr | 2 | CiCu | 3 | 3 |
| Nottingham ... ... | 1017.5 | • | S | 1 | f/bc | 51 | 97 | 1 | 450 | Sr | 4 | Ci | 6 | • |
| Cranwell ... ... | 1017.9 | +3 | W | 2 | bc | 53 | 97 | 6 | 2500 | SrCu | 3 | CiSt | 6 | • |
| Gorleston ... ... | 1018.2 | -1 | W'N | 1 | o/r | 53 | 97 | 6 | 4000 | Nb | 10 | - | 10 | 2 |
| Valencia (Cahirciveen) | 1021.1 | 0 | - | 0 | o | 52 | 85 | 6 | - | Sr | 10 | - | 10 | |
| Roches Point ... ... | 1019.8 | +2 | W'N | 3 | c/p | 55 | 92 | 7 | 1500 | CuNb | 8 | - | 8 | 5 |
| Pembroke (St. Ann's H.) | 1018.8 | +1 | - | 0 | o | 57 | 97 | 8 | 2500 | Sr | 10 | - | 10 | • |
| Ross-on-Wye ... ... | 1018.7 | +1 | - | 0 | o | 56 | 97 | 6 | - | Sr | 10 | - | 10 | • |
| Benson ... ... ... | 1019.2 | 0 | W | 2 | o/r | 57 | 97 | 6 | 800 | Sr | 10 | - | 10 | • |
| Andover ... ... | 1018.0 | 0 | WSW | 2 | o/r | 56 | 97 | 7 | 1500 | SrCu | 10 | - | 10 | • |
| S. Farnborough ... | 1020.6 | +1 | SW | 1 | o/r | 55 | 97 | 6 | 2500 | Sr | 10 | - | 10 | • |
| London (Kew Obsy.) ... | 1019.0 | 0 | WNW | 2 | o/r | 58 | 97 | 6 | 800 | Sr | 10 | - | 10 | • |
| Croydon ... ... | 1017.9 | 0 | W | 3 | o/r | 58 | 92 | 6 | 1500 | Sr | 10 | - | 10 | 2 |
| Clacton-on-Sea ... | 1018.9 | +1 | WSW | 6 | o/r | 59 | 92 | 6 | 1500 | Sr | 10 | - | 10 | • |
| Shoeburyness ... ... | 1018.7 | 0 | WSW | 2 | o/r | 59 | 97 | 7 | 1500 | Sr | 10 | - | 10 | 0 |
| Grain ... ... ... | 1019.0 | 0 | W | 2 | o/r | 57 | 97 | 6 | 225 | Sr | 10 | - | 10 | • |
| Lympne ... ... | 1017.9 | 0 | W | 3 | o/r | 58 | 92 | 6 | 1500 | Sr | 10 | - | 10 | 2 |
| Scilly (St. Mary's) ... | 1021.1 | +1 | WNW | 1 | o/f | 55 | 97 | 7 | 4000 | SrCu | 6 | CiCu | 9 | 2 |
| Falmouth (Pendennis) | 1021.1 | 0 | W | 1 | o | 55 | 97 | 6 | 4000 | Nb | 10 | - | 10 | |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1019.2 | -1 | WSW | 4 | o/r | 57 | 75 | 6 | 450 | Sr | 10 | - | 10 | 3 |
| Southampton (Calshot) | 1019.4 | 0 | W | 2 | o | 58 | 97 | 7 | 1500 | Sr | 10 | - | 10 | 0 |
| Dungeness ... ... | 1018.5 | -1 | WSW | 4 | o/r | 59 | 97 | 7 | 1500 | Sr | 10 | - | 10 | 3 |
| Jersey (Th.) ... ... | 1020.6 | -1 | W | 3 | o/r | 59 | 97 | 7 | 1500 | Nb | 10 | - | 10 | 2 |
| Guernsey (Th.) | | | | | | | | | | | | | | |

**WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 30th SEPTEMBER**

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 29-30. °F. | Temperature. Max. Day. 30. °F. | Rainfall.† Night 17h.-9h. 29-30. mm. | Rainfall.† Day 9h.-17h. 30. mm. | Sunshine. Sunrise to 17h. 30. hr. | Sunshine. Sunrise to Sunset. 29. hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | or | orcbc | 48 | 56 | 0.5 | 0.5 | 1.2 | 0.6 |
| Montrose ... ... | - | - | 43 | 53 | - | - | 0.2 | 3.8 |
| Llandudno ... ... | o | or | 39 | 57 | - | 0.4 | 0.0 | 7.1 |
| Colwyn Bay ... | bcc | cdo | 43 | 57 | - | 1 | 0.0 | 7.3 |
| Rhyl ... ... ... | | | | | | | | |
| Southport ... ... | oco | orr | 42 | 54 | - | 2 | 0.0 | 8.1 |
| Blackpool ... ... | | | | | | | | |
| Harrogate ... ... | cbc | bcco | 42 | 56 | - | - | 1.1 | 9.3 |
| Skegness ... ... | bo | co | 46 | 58 | - | - | 1.9 | 10.0 |
| Aberystwyth ... | or | cor | 44 | 58 | - | 3 | 0.0 | 7.7 |
| Bath ... ... | mbbco | ord | 34 | 57 | - | 4 | 0.5 | 9.9 |
| Leamington Spa ... | ow | od | 36 | 58 | - | - | 1.3 | 8.3 |
| Lowestoft ... ... | obbc | bcco | 46 | 58 | - | - | 1.8 | 9.8 |
| Felixstowe ... ... | bcmo | oc | 45 | 50 | - | - | 2.6 | 9.9 |
| Southend ... ... | bc | co | 39 | 59 | - | - | 1.9 | 10.0 |

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 29-30. °F. | Temperature. Max. Day. 30. °F. | Rainfall.† Night 17h.-9h. 29-30. mm. | Rainfall.† Day 9h.-17h. 30. mm. | Sunshine. Sunrise to 17h. 30. hr. | Sunshine. Sunrise to Sunset. 29. hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton ... ... | o | ormdo | 44 | 58 | - | 4 | 0.0 | 5.9 |
| Ilfracombe ... ... | or | or | 48 | 59 | - | 6 | 0.0 | 5.8 |
| Bude ... ... | r | r | 45 | 60 | 2 | 3 | 0.0 | 5.9 |
| Penzance ... ... | ordm | dmo | 51 | 60 | 4 | 5 | 0.0 | 5.3 |
| Falmouth Observatory | r | roc | 49 | 58 | 2 | 4 | 0.0 | 6.1 |
| Torquay ... ... | r | d | 47 | 58 | - | 4 | 0.0 | 5.9 |
| Weymouth ... ... | or | ro | 41 | 60 | - | 5 | 0.1 | 9.0 |
| Bournemouth ... | bcor | r | 40 | 59 | - | 2 | 0.8 | 9.6 |
| Portsmouth (S'thsea) | bc | ob | 41 | 59 | - | 0.2 | 1.3 | 10.0 |
| Worthing ... ... | b | bco | 41 | 58 | - | - | 3.2 | 10.6 |
| Brighton ... ... | bbcc | co | 43 | 60 | - | - | 3.3 | 10.4 |
| Eastbourne ... ... | bcbc | bc | 44 | 59 | - | - | 5.2 | 10.3 |
| Hastings ... ... | ocbc | bcco | 40 | 60 | - | - | 4.1 | 10.0 |
| Folkestone ... ... | bc | bc | 49 | 58 | - | - | 4.6 | 9.6 |
| Tunbridge Wells ... | cbc | bcco | 37 | 60 | - | - | 3.3 | 10.1 |
| Ramsgate ... ... | bbc | bobbc | 40 | 55 | - | - | 4.1 | 8.3 |
| Margate ... ... | cbc | co | 48 | 57 | - | - | 3.3 | 8.1 |
| Deal ... ... ... | b | bcc | 43 | 59 | - | - | 3.8 | 9.1 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 8. ‡ See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22,239 MONDAY 2nd OCTOBER 1922. 

| Stations. | Observations at 1800 G.M.T. 15 — Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 | Observations at 1800 G.M.T. 15 — Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1013·1 | +2 | WSW | 3 | b– | 53 | 85 | 7 | 4000 | Cu | 1 | ACu | 3 | • | 1013·5 | 0 | WSW | 2 | b | 50 | 85 | 7 | 5700 | StCu | 1 | CiCu | 2 | 1 |
| Stornoway ... ... | 1013·5 | 0 | WSW | 3 | bc | 52 | 85 | 8 | 4000 | Cu | 4 | | 4 | • | 1011·8 | –2 | WSW | 1 | oPR | 52 | 85 | 7 | 450 | St | 10 | – | 10 | 2 |
| Wick ... ... | 1014·6 | +1 | W | 3 | c+ | 55 | 75 | 8 | 4000 | Cu | 3 | Ci | 8 | • | 1012·5 | –1 | S | 2 | o/r | 51 | 85 | 8 | 4000 | CuNb | 5 | ASt | 10 | 0 |
| Castlebay ... ... | 1015·9 | 0 | WSW | 5 | opr₀ | 52 | 85 | 7 | 800 | Nb | 10 | – | 10 | • | 1013·9 | –2 | WSW | 5 | orr | 54 | 92 | 6 | 450 | Nb | 10 | – | 10 | 5 |
| Nairn ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 1013·2 | • | – | 0 | bc+ | 51 | 85 | 8 | 4000 | Cu | 6 | – | 6 | • |
| Aberdeen ... ... | 1016·4 | +1 | SW | 2 | bc | 59 | 75 | 8 | 4000 | Cu | 5 | CiSt | 6 | • | 1016·0 | –1 | SSW | 1 | c– | 51 | 92 | 6 | 4000 | Cu | 3 | ASt | 7 | 0 |
| Malin Head ... ... | 1017·2 | 0 | SW'W | 4 | o | 55 | 85 | 7 | 2500 | St | 3 | ASt | 10 | • | 1016·3 | 0 | SWW | 4 | o | 55 | 85 | 7 | 5700 | StCu | 5 | ASt | 9 | 5 |
| Renfrew ... ... | 1013·6 | +1 | SSW | 3 | o | 56 | 75 | 8 | 5700 | CuNb | 5 | ASt | 10 | • | 1018·0 | 0 | SW | 3 | o | 53 | 85 | 7 | 4000 | St | 7 | ASt | 10 | • |
| Edinburgh (Inchkeith) | 1017·2 | +1 | W | 3 | o;p | 55 | 75 | 8 | – | Cu | 1 | CiSt | 9 | • | 1017·0 | –1 | WSW | 3 | o | 53 | 75 | 7 | – | StCu | 10 | – | 10 | 2 |
| Leuchars ... ... | 1017·0 | +1 | W | 3 | o+ | 59 | 65 | 8 | 4000 | Cu | 3 | ASt | 9 | • | 1017·0 | 0 | WSW | 1 | o | 52 | 85 | 7 | 4000 | StCu | 3 | ASt | 10 | 5 |
| Eskdalemuir ... ... | 1018·8 | +1 | W | 3 | o | 55 | 65 | 8 | 2500 | StCu | 9 | StCu | 9 | • | 1019·0 | 0 | WSW | 1 | o | 49 | 85 | 7 | 2500 | StCu | 6 | ASt | 10 | • |
| Tynemouth ... ... | 1018·0 | 0 | W | 2 | bc | 58 | 85 | 7 | 4000 | CuNb | 2 | Ci | 4 | • | 1018·3 | 0 | W | 1 | o | 55 | 75 | 5 | 4000 | StCu | 3 | ASt | 9 | 0 |
| Blacksod Point ... | | | | | | | | | | | | | | • | | | | | | | | | | | | | | |
| Donaghadee ... ... | 1018·4 | 0 | ESE | 1 | c+ | 56 | 85 | 8 | 5700 | Cu | 2 | ACu | 7 | • | 1018·7 | –1 | SW | 2 | bc+ | 55 | 85 | 8 | – | – | 0 | ACu | 5 | 1 |
| Birr Castle ... ... | • | • | | | | | | | | | | | | • | | • | | | | | | • | | | | | | • |
| Collinstown ... ... | 1021·4 | –1 | SW | 3 | bc– | 59 | 75 | 8 | 2500 | St | 3 | Ci | 4 | • | 1020·8 | 0 | SSW | 1 | b | 56 | 85 | 8 | 5700 | StCu | 1 | Ci | 2 | • |
| Holyhead ... ... | 1020·4 | 0 | – | 0 | b | 57 | 85 | 5 | 7200 | Cu | 2 | CiSt | 3 | • | 1020·3 | 0 | – | 0 | b+ | 53 | 85 | 8 | 5700 | St | 2 | CiSt | 3 | 0 |
| Liverpool (Bidston) ... | 1020·0 | 0 | WNW | 2 | c | 56 | 85 | 9 | 2500 | St | 6 | ASt | 8 | • | 1020·5 | +1 | WNW | 1 | b | 52 | 92 | 8 | 2500 | St | 2 | – | 2 | 1 |
| Chester (Shotwick) ... | 1019·2 | 0 | NW | 4 | o | 58 | 85 | 8 | 2500 | StCu | 9 | – | 9 | • | 1019·4 | +9 | NW | 2 | b– | 56 | 85 | 7 | – | – | 0 | ACu | 2 | • |
| Spurn Head ... ... | 1018·6 | +2 | N | 1 | o | 58 | 85 | 6 | 4000 | StCu | 10 | – | 10 | • | 1018·6 | 0 | – | 0 | o | 55 | 92 | 7 | 4000 | St | 10 | – | 10 | 2 |
| Nottingham ... ... | 1018·8 | • | W | 2 | o | 61 | 75 | 6 | 1500 | Nb | 7 | CiSt | 10 | • | 1019·3 | • | W | 1 | o– | 57 | 85 | 4 | 1500 | StCu | 7 | ACu | 9 | • |
| Cranwell ... ... | 1019·5 | +1 | NNW | 1 | o | 62 | 75 | 6 | 2500 | StCu | 7 | ASt | 10 | • | 1019·8 | 0 | NW'N | 1 | o+ | 57 | 92 | 7 | 1500 | St | 10 | – | 10 | • |
| Gorleston ... ... | 1018·8 | +1 | NW | 3 | o | 59 | 85 | 6 | 5700 | StCu | 9 | – | 9 | • | 1019·1 | 0 | N | 2 | mmo | 57 | 75 | 5 | 5700 | StCu | 10 | – | 10 | 0 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | • | 1021·5 | +2 | S | 1 | c+ | 53 | 85 | 8 | – | – | 0 | – | 7 | • |
| Roches Point ... ... | | | | | | | | | | | | | | • | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1020·6 | 0 | NNE | 2 | o | 58 | 85 | 8 | 4000 | StCu | 10 | | 10 | • | 1021·0 | 0 | N | 2 | c | 55 | 92 | 8 | 4000 | StCu | 8 | | 8 | 4 |
| Ross-on-Wye ... ... | 1019·1 | 0 | NNE | 1 | o | 63 | 75 | 9 | 4000 | Cu | 4 | ASt | 10 | • | 1019·7 | 0 | E'N | 1 | o | 57 | 97 | 6 | 2500 | Nb | 7 | Ci | 9 | • |
| Benson ... ... | 1019·1 | 0 | SSW | 1 | o | 63 | 85 | 8 | – | St | 10 | – | 10 | • | 1019·0 | +1 | – | 0 | orr | 58 | 92 | 6 | 2500 | St | 7 | ASt | 10 | • |
| Andover ... ... | 1019·6 | 0 | NW | 1 | o | 61 | 85 | 7 | 2500 | StCu | 10 | – | 10 | • | 1019·0 | 0 | – | 0 | o/r | 59 | 92 | 7 | 1500 | Nb | 4 | ASt | 10 | • |
| S. Farnborough ... | 1019·3 | 0 | – | 0 | or₀ | 61 | 95 | 7 | 1500 | StCu | 10 | – | 10 | • | 1019·0 | 0 | WSW | 1 | o | 60 | 92 | 7 | 2500 | StCu | 2 | ASt | 10 | • |
| London (Kew Obsy.) ... | 1019·5 | –1 | W | 1 | o₀ | 63 | 85 | 6 | 4000 | StCu | 7 | ASt | 10 | • | 1018·9 | 0 | WSW | 1 | o/r | 61 | 92 | 6 | 2500 | Nb | 7 | ASt | 10 | • |
| Croydon ... ... | 1019·3 | –1 | SW | 2 | o | 64 | 75 | 6 | 2500 | StCu | 9 | CiSt | 10 | • | 1019·1 | 0 | SW'W | 2 | o | 60 | 92 | 6 | 1500 | St | 7 | ASt | 10 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 1018·8 | 0 | – | 0 | o | 59 | 97 | 6 | 7200 | StCu | 10 | – | 10 | 0 |
| Shoeburyness ... ... | 1019·4 | +1 | – | 0 | c– | 64 | 75 | 7 | 4000 | Cu | 5 | CiSt | 8 | • | 1019·5 | 0 | – | 0 | mo– | 59 | 85 | 6 | 2500 | StCu | 10 | – | 10 | • |
| Grain ... ... | 1019·6 | 0 | – | 0 | o | 64 | 75 | 6 | 2500 | CuNb | 3 | ASt | 9 | • | 1018·8 | –1 | SE | 1 | or₀ | 59 | 97 | 6 | 2500 | StCu | 10 | – | 10 | 0 |
| Lympne ... ... | 1019·3 | 0 | N | 3 | o | 62 | 85 | 6 | 450 | St | 9 | – | 9 | • | 1019·1 | +1 | SW | 2 | o/r | 59 | 97 | 5 | 225 | Nb | 10 | – | 10 | • |
| Scilly (St. Mary's) ... | 1021·6 | 0 | NW | 1 | or₀r₀ | 56 | 92 | 7 | 1500 | St | 10 | – | 10 | • | 1020·6 | 0 | – | 0 | o | 54 | 92 | 7 | 4000 | StCu | 10 | – | 10 | 3 |
| Falmouth (Pendennis) | 1021·1 | 0 | – | 0 | o+ | 60 | 92 | 7 | 4000 | StCu | 10 | – | 10 | • | 1021·6 | 0 | – | 0 | opr₀ | 56 | 92 | 7 | 4000 | CuNb | 10 | – | 10 | 0 |
| Plymouth (Cattewater) | 1020·3 | –2 | SW | 1 | o | 60 | 85 | 8 | 1500 | CuNb | 10 | – | 10 | • | 1020·9 | +1 | – | 0 | c– | 57 | 85 | 8 | 1500 | StCu | 5 | ASt | 7 | 0 |
| Portland Bill ... ... | 1019·2 | 0 | W | 3 | o/r | 61 | 85 | 6 | 4000 | – | 0 | ASt | 10 | • | 1019·2 | 0 | W | 2 | o | 59 | 85 | 7 | 4000 | | 0 | ASt | 10 | 1 |
| Southampton (Calshot) | 1020·1 | 0 | SW | 1 | o | 61 | 85 | 8 | 1500 | St | 10 | – | 10 | • | 1019·4 | –1 | WSW | 3 | o | 59 | 92 | 8 | 4000 | StCu | 4 | ASt | 10 | 0 |
| Dungeness ... ... | 1019·7 | 0 | WNW | 2 | o | 61 | 92 | 7 | – | – | 0 | ASt | 10 | • | 1019·3 | 0 | WNW | 2 | o | 59 | 97 | 7 | – | – | 0 | ASt | 10 | 3 |
| Jersey ... ... | 1021·2 | 0 | W | 3 | o/r | 61 | 92 | 3 | 2500 | StCu | 10 | – | 10 | • | 1020·4 | 0 | W | 3 | o/r | 60 | 97 | 7 | 1500 | Nb | 10 | – | 10 | 2 |

| London Observations. | Weather. Morning. | Weather. Afternoon. | Weather. Night. | Temperature. Max. °F. | Temperature. Min. °F. | Temperature. Min. on Grass. °F. | Rainfall. mm. Day. | Rainfall. mm. Night. | Sunshine to Sunset. hrs. | Humidity. 15h. G.M.T. % | Humidity. 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 Hours ended 0900 G.M.T. | | | | | | | | Yesterday. | | To-day. |
| Kew } 24 hours ended 0700 | omo | omp₀ | omofo | • | • | 37 | Tr. | 1 | 0.5 | • | • |
| Croydon } 24 hours ended 0700 | omc | o₃m | omofof | • | • | 38 | – | Tr. | 0.2 | • | • |
| Greenwich (Royal Obsy.) .. | o₃op | o | pbjpmf | 65 | 45 | 37 | 4 | 1 | 0.2 | 85 | 100 |
| City (Bunhill Row) .. .. | • | • | • | • | • | • | • | • | 0.1 | • | • |
| Westminster (St. James' Pk.) | • | • | • | 64 | 46 | ^ | 2 | | 0.4 | 88 | 94 |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 0.1 | • | • |
| Camden Square.. .. .. | o | o | • | ? | 45 | 32 | – | 7 | • | • | 68 |
| Kensington Palace .. .. | ofo | or | • | 64 | 46 | 37 | 1 | 1 | • | 94 (18h) | 93 |
| Hampstead Observatory .. | • | • | • | 63 | 45 | 37 | 3 | Tr. | 0.3 | • | 92 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. ..........

| South Kensington | | | |
|---|---|---|---|
| Max. | Time. | Min. | Time. |
| | | | |
| **Kew Observatory** | | | |
| Max. | Time. | Min. | Time. |
| | | | |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate ..............Milliwatts.

Maximum Rate ..............Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 1st 18h. 30m. to 2nd 05h. 15m.

| Stars. | Exposure. h. m. | Record. h. m. | % |
|---|---|---|---|
| Polaris | 10.45 | 5 38 | 52 |
| δ Ursae Minoris | 10.45 | 5.29 | 51 |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 15h. | – | – | – | – |
| 18h. | – | – | – | – |
| 01h. | – | – | – | – |
| 07h. | – | – | – | – |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.**

2nd & 3rd Oct, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth ... { | 5.57<br>5.58 | 11.42<br>11.42 | 5.27<br>5.25 |
| Greenwich ... { | 6.3<br>6.4 | 11.49<br>11.49 | 5.35<br>5.33 |
| Wick ... ... { | 6.21<br>6.23 | 12.1<br>12.1 | 5.42<br>5.39 |
| Valencia ... { | 6.44<br>6.45 | 12.30<br>12.30 | 6.16<br>6.14 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

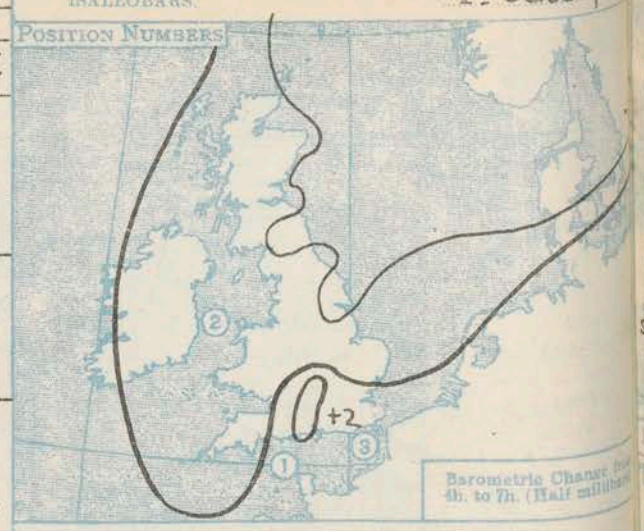
| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. • Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.–13h. | 13h.–18h. | 18h. to 1h. | 1h.–7h. | TEMPERATURE. MAX. Day. 7h.–18h. | MIN. Night. 18h.–7h. | MIN. on GRASS | RAINFALL.† Day. 7h.–18h. mm. | Night. 18h.–7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | bc | bc | omr | cmp | 54 | 45 | • | — | 2 | — | <2100 | • |
| Stornoway ... ... | bc | p | p | p | 57 | 45 | • | 3 | 5 | 15·30 | — | 5·7 |
| Wick ... ... ... | b | copo | orr | c | 57 | 43 | • | 0·1 | 1 | 17·30 | <2100 | • |
| Castlebay ... ... | rcop | oprr | rcopc | cspc | 54 | 48 | • | 0·5 | 2 | 09·00 | — | 4.0 |
| Nairn ... ... ... | | bc | bc | 1roc | 58 | 41 | • | — | 3 | — | 2200 | 5·8 |
| Aberdeen ... ... | borbc | c | oir | ombor | 59 | 42 | 31 | — | 0.2 | — | <2100 | 4·8 |
| Malin Head ... ... | o | copo | ia PR | iaiR | 57 | 50 | | Trace | 5 | 16 30 | <2100 | 1·1 |
| Renfrew ... ... | c | oo | oRo | | 58 | 49 | 45 | — | 9 | — | <2100 | 3.9 |
| Edinburgh (Inchkeith) | c | oo | coir | c | 56 | 50 | 47 | — | 1 | — | 0530 | 5·4 |
| Leuchars ... ... | pbcc | oo | rord | rad | 59 | 43 | 32 | — | 9 | 1230 | • | 5·5 |
| Eskdalemuir ... ... | bco | oco | ocbc | beced | 55 | 46 | 42 | — | 1 | — | 2400 | 3.7 |
| Tynemouth ... ... | o | | bcm | m | 60 | 46 | 43 | | | | — | • |
| Blacksod Point ... | | | | | | | | | | | | • |
| Donaghadee ... ... | bc | | c | o | 59 | 49 | • | | 0.2 | | 0530 | • |
| Birr Castle ... ... | | | | | | | | | | | | |
| Collinstown ... ... | o.c.bc | bb | bb | o | 60 | 45 | • | — | — | — | — | 6·6 |
| Holyhead ... ... | o.c.b | bb | bb | bccoo | 57 | 49 | 41 | — | Trace | — | — | 4.8 |
| Liverpool (Bidston) ... | oc | borbc | bbc | bbc | 55 | 42 | 36 | — | — | — | — | 3·4 |
| Chester (Shotwick) ... | omo | ocbcb | bbf | bbfe | 59 | 35 | 33 | — | Trace | — | 02.30 | • |
| Spurn Head ... ... | oo | oo | bbc | o | 58 | 43 | • | — | — | — | — | 2·1 |
| Nottingham ... ... | oo | oo | bbm | F | 62 | 39 | 39 | — | — | — | — | 0.7 |
| Cranwell ... ... | bc.co | omo | form | bcm | 62 | 38 | 36 | — | — | — | — | 2·6 |
| Gorleston ... ... | om | cmom | cbem | bfoff | 61 | 45 | 42 | — | — | — | — | 0.3 |
| Valencia (Cahirciveen) | | c | bc | bc | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | oo | oo | bbc | bccf | 55 | 46 | • | — | — | — | — | 0·0 |
| Ross-on-Wye ... ... | ov | | omoc | cm.ffe | | 45 | 42 | | 0·2 | | • | 0.5 |
| Benson ... ... ... | o | or | | ofe | 64 | 43 | 39 | | 0·4 | 1630 | <2100 | • |
| Andover ... ... | od | opro | ocf | ofe | 63 | 43 | 38 | 0·1 | — | 0800 | — | 0·0 |
| S. Farnborough ... | or | olro | omm | ff | 62 | 45 | 38 | 0·3 | 0·2 | 1230 | <2100 | 0·0 |
| London (Kew Obsy.) ... | omo | omp | omd | om | 65 | 45 | 37 | Trace | 1 | 1730 | <2100 | 0.5 |
| Croydon ... ... | omc | ozm | omr | ombf | 65 | 43 | 38 | — | Trace | — | <2100 | 0.2 |
| Clacton-on-Sea ... | c | ogm | ogmr | ogm | 63 | 53 | 53 | — | 7 | — | <2100 | 0·8 |
| Shoeburyness ... ... | c | form | odaff | omfof | 55 | 50 | 50 | Trace | 7 | — | <2100 | 0.3 |
| Grain ... ... ... | omm | omr | or | oof | 64 | 49 | 48 | Trace | 1 | 1730 | <2100 | 0·0 |
| Lympne ... ... | oo | omdfm | ocrm | bcongm | 63 | 52 | 45 | 0·3 | 1 | 0900 | <2100 | 0·0 |
| Scilly (St. Mary's) ... | om | or | oc | o | 57 | 51 | • | 2 | — | 1330 | — | 0.0 |
| Falmouth (Pendennis) | omo | op | bcc | m | 61 | 49 | • | 1 | — | 1330 | — | 1.8 |
| Plymouth (Cattewater) | oo | oro | bf | cbc | 61 | 46 | 43 | 1 | — | 1530 | — | 1.1 |
| Portland Bill ... ... | bo | oo | bbc | bbc | 62 | 53 | • | 0·2 | — | 0800 | — | • |
| Southampton (Calshot) | oo | borbc | o | mf | 62 | 49 | 46 | Trace | — | 1530 | • | 0.4 |
| Dungeness ... ... | oo | oo | pro | bcf | 63 | 55 | • | — | 0.2 | — | 22.00 | • |
| Jersey ... ... | odo | odo | rord | odao | 64 | 51 | • | 0·3 | 1 | 0900 | 22.00 | 0.0 |

ISALLOBARS. 1st October, 1922.




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 3 | 2nd 2h | Arundel | N | 1 | imb | 58 | 59 |

GENERAL INFERENCE.

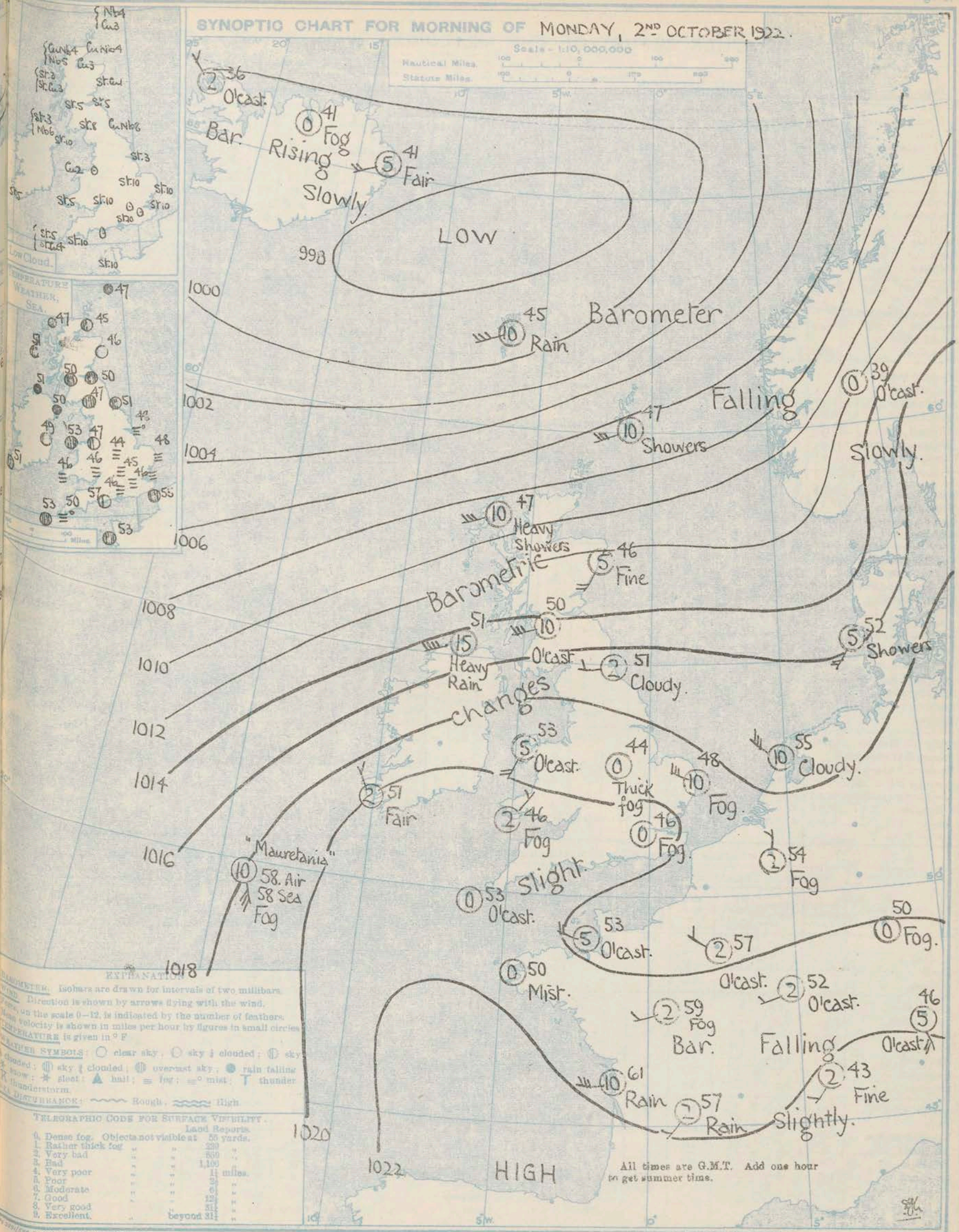
The pressure distribution remains favourable for moderate westerly winds and occasional rain or showers in Scotland and Northern Ireland. Farther south winds will be lighter and less definite in direction with mainly fair weather but a risk of occasional showers in Northern England.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Monday, October 2nd, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales | Light indefinite or Southwesterly breezes; fair or cloudy; morning mist or fog; moderate day temperature, risk of slight ground frost at night. | Unsettled in the Northwest; uncertain in the Southeast. |
| 7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England | Wind SW to W, light or moderate; cloudy, fair periods, risk of showers; visibility good apart from morning mist; moderate temperature. | |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N.& N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland<br>18. N.E. Ireland | Wind between SW and NW, moderate; cloudy, bright periods, occasional rain or showers; visibility mainly good; moderate temperature. | |
| 19. S.E. Ireland<br>20. S.W. Ireland | Wind indefinite or Southwesterly; cloudy, risk of occasional rain or showers; visibility mainly good inland, some coastal fog in places; moderate temperature. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 GMT. G. M. Simpson, F.R.S., Director.

For Code see opposite page.

# SYNOPTIC CHART FOR MORNING OF MONDAY, 2ND OCTOBER 1922.




EXPLANATION.

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.

TEMPERATURE is given in ° F.

WEATHER SYMBOLS: ○ clear sky; ◐ sky ½ clouded; ◑ sky ¾ clouded; ◍ sky ⅞ clouded; ◍ overcast sky; ● rain falling; ❄ snow; ✱ sleet; ▲ hail; ≡ fog; ≡° mist; T thunderstorm.

SEA DISTURBANCE: ~~~ Rough, ≈≈ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

| | | Land Reports. |
|---|---|---|
| 0. Dense fog. | Objects not visible at | 55 yards. |
| 1. Rather thick fog | " " | 220 " |
| 2. Very bad | " " | 550 " |
| 3. Bad | " " | 1,100 " |
| 4. Very poor | " " | 1¼ miles. |
| 5. Poor | " " | 2½ " |
| 6. Moderate | " " | 6 " |
| 7. Good | " " | 12 " |
| 8. Very good | " " | 31 " |
| 9. Excellent. | " beyond | 31 " |

H.M.S.O. Press, Kingsway, W.C.2.

**AIR MINISTRY.**

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. MONDAY, 2nd OCTOBER 1922. No. 275...

Observations at 0100 G.M.T. 2nd

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1009.7 | -3 | WSW | 3 | oror | 50 | 92 | 6 | 2500 | Nb | 10 | - | 10 | * |
| Stornoway ... ... | 1011.5 | -1 | W | 3 | PR | * | * | 5 | * | * | * | * | * | * |
| Wick ... ... ... | 1010.2 | -2 | SW | 3 | o/r | 46 | 92 | 8 | 1500 | St | 5 | ACu | 9 | * |
| Castlebay ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head ... ... | 1015.1 | 0 | SW'W | 5 | cd | 53 | 92 | 7 | - | Nb | 8 | - | 8 | * |
| Renfrew ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1014.1 | -2 | W | 3 | orr | 51 | 85 | 8 | - | Nb | 10 | - | 10 | * |
| Leuchars ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth ... ... | 1017.7 | 0 | W | 1 | c⁻ | 50 | 85 | 5 | 4000 | StCu | 7 | - | 7 | * |
| Blacksod Point ... | | | | | | | | | | | | | | |
| Donaghadee ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Collinstown ... ... | 1020.8 | -1 | SW'S | 3 | b⁻ | 47 | 92 | 8 | - | - | 0 | ACu | 2 | * |
| Holyhead ... ... | 1019.7 | -1 | SSW | 3 | b | 52 | 92 | 8 | 4000 | Cu | 1 | - | 1 | * |
| Liverpool (Bidston) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head ... ... | 1018.8 | 0 | W | 2 | b | 51 | 92 | 5 | - | - | 0 | Ci | 3 | * |
| Nottingham ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell ... ... | 1020.2 | +1 | W'S | 2 | b | 46 | 97 | 4 | - | - | 0 | - | 0 | * |
| Gorleston ... ... | 1019.8 | +1 | W'N | 1 | Fb+ | 49 | 97 | 1 | - | - | 0 | - | 0 | * |
| Valencia (Cahirciveen) | 1021.7 | -1 | SW | 1 | c | 52 | 97 | 8 | - | - | 0 | ACu | 7 | * |
| Roches Point ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Ann's H.) | 1020.9 | -2 | N'E | 1 | b● | 56 | 85 | 8 | 4000 | Cu | 1 | - | 1 | * |
| Ross-on-Wye ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Croydon ... ... | 1019.4 | 0 | - | 0 | mmo | 52 | 97 | 4 | - | - | 0 | CiSt | 10 | * |
| Clacton-on-Sea ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Grain ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne ... ... | 1018.9 | 0 | N | 2 | bc/r | 55 | 97 | 7 | 4000 | StCu | 5 | - | 5 | * |
| Scilly (St. Mary's) ... | 1021.1 | +1 | - | 0 | o⁻ | 53 | 92 | 8 | 4000 | StCu | 5 | CiCu | 9 | * |
| Falmouth (Pendennis) | | | | | | | | | | | | | | |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Portland Bill ... ... | 1019.2 | 0 | NW | 2 | b | 58 | 95 | 7 | - | - | 0 | - | 0 | * |
| Southampton (Calshot) | 1019.7 | 0 | N | 2 | c● | 54 | 97 | 6 | - | - | 0 | CiSt | 8 | * |
| Dungeness ... ... | 1018.8 | 0 | N | 2 | b⁻ | 57 | 97 | 6 | - | - | 0 | CiCu | 3 | * |
| Jersey 7h / Guernsey 1h ... | 1020.2 | 0 | WNW | 3 | c/r | 55 | 97 | 6 | 5700 | St | 6 | CiCu | 7 | * |

Observations at 0700 G.M.T. 2nd

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1007.3 | -3 | WSW | 3 | oro | 47 | 85 | 7 | 4000 | Nb | 7 | - | 7 | 2 |
| Stornoway | 1008.2 | 0 | WSW | 3 | oPR⁻ | 47 | 85 | 6 | 2500 | Nb | 9 | - | 9 | 1 |
| Wick | 1008.7 | -2 | SW | 2 | bc | 45 | 92 | 8 | 4000 | CuNb | 4 | - | 4 | 0 |
| Castlebay | 1012.1 | 0 | W | 5 | bc | 51 | 75 | 8 | 1500 | Cu | 6 | - | 6 | 4 |
| Nairn | 1010.4 | * | — | 0 | b/r | 42 | 92 | 8 | 4000 | Cu | 3 | - | 3 | * |
| Aberdeen | 1012.4 | 0 | SSW | 2 | b⁻ | 46 | 85 | 6 | 4000 | StCu | 1 | - | 1 | 0 |
| Malin Head | 1014.1 | 0 | WSW | 4 | oR | 51 | 92 | 7 | 1500 | Nb | 9 | - | 9 | 5 |
| Renfrew | 1014.5 | -1 | WSW | 3 | o/r | 50 | 92 | 7 | 1500 | St | 5 | ASt | 9 | * |
| Edinburgh (Inchkeith) | 1013.6 | -1 | WSW | 3 | o+ | 50 | 85 | 7 | - | St | 5 | CiSt | 9 | 2 |
| Leuchars | 1013.0 | -2 | — | 0 | b/r | 44 | 97 | 8 | 4000 | StCu | 1 | Ci | 3 | * |
| Eskdalemuir | 1015.7 | -2 | WSW | 4 | o | 47 | 92 | 6 | 800 | St | 8 | ASt | 10 | * |
| Tynemouth | 1016.1 | 0 | W | 1 | c | 51 | 92 | 6 | 4000 | CuNb | 8 | - | 8 | 0 |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1017.3 | -1 | W | 1 | oro | 50 | 92 | 6 | 1500 | St | 10 | - | 10 | 1 |
| Birr Castle | | * | | | | | | | | | | | | * |
| Collinstown | 1019.5 | -1 | SW | 4 | o | 49 | 92 | 8 | 1500 | St | 8 | ASt | 10 | * |
| Holyhead | 1018.9 | 0 | SW'S | 2 | o+ | 53 | 92 | 7 | 4000 | Cu | 2 | ASt | 10 | 0 |
| Liverpool (Bidston) | 1018.6 | -1 | SSW | 2 | bc+ | 47 | 92 | 6 | 1500 | ? | 2 | ASt | 5 | 2 |
| Chester (Shotwick) | 1018.1 | -1 | SE | 2 | fbc | 37 | 97 | 3 | - | - | 0 | ACu | 4 | * |
| Spurn Head | 1017.9 | 0 | W | 3 | imc | 48 | 92 | 6 | 1500 | St | 3 | Ci | 7 | 3 |
| Nottingham | 1019.3 | * | — | 0 | FFo | 44 | 97 | 0 | <150 | St | 10 | - | 10 | * |
| Cranwell | 1019.4 | -2 | W'S | 2 | c | 39 | 97 | 5 | 4000 | St | 2 | CiCu | 8 | * |
| Gorleston | 1019.3 | 0 | WNW | 3 | FFo | 48 | 97 | 1 | 800 | St | 10 | - | 10 | 0 |
| Valencia (Cahirciveen) | 1020.1 | +1 | NW | 1 | bc⁻ | 51 | 97 | 7 | - | St | 5 | - | 5 | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1020.7 | 0 | NNE | 1 | ifbc | 46 | 92 | 3 | <150 | St | 5 | - | 5 | 3 |
| Ross-on-Wye | 1020.2 | 0 | — | 0 | FFo | 46 | 97 | 1 | <150 | St | 10 | - | 10 | * |
| Benson | 1020.2 | +2 | — | 0 | Fb⁻ | 45 | 97 | 1 | — | — | 0 | — | 0 | * |
| Andover | 1020.3 | 0 | — | 0 | Fo⁻ | 44 | 97 | 2 | 2500 | StCu | 7 | CiSt | 8 | * |
| S. Farnborough | 1020.1 | 0 | — | 0 | FFo | 46 | 97 | 0 | <150 | St | 10 | - | 10 | * |
| London (Kew Obsy.) | 1020.3 | +1 | — | 0 | mc⁻ | 46 | 97 | 4 | — | — | 0 | Ci | 8 | * |
| Croydon | 1020.3 | +1 | — | 0 | FFo | 46 | 97 | 1 | <150 | St | 10 | - | 10 | * |
| Clacton-on-Sea | 1018.6 | 0 | NNE | 2 | ffo | 54 | 92 | 2 | 1500 | St | 10 | - | 10 | 0 |
| Shoeburyness | 1019.9 | 0 | — | 0 | ocdod | 51 | 92 | 4 | 225 | St | 10 | - | 10 | 0 |
| Grain | 1018.7 | 0 | W | 3 | FFo | 50 | 97 | 1 | <150 | St | 10 | - | 10 | |
| Lympne | 1019.6 | +1 | - | 0 | o/f | 53 | 97 | 6 | 450 | St | 10 | - | 10 | * |
| Scilly (St. Mary's) | 1020.0 | 0 | — | 0 | o | 53 | 97 | 7 | 2500 | St | 9 | - | 9 | 2 |
| Falmouth (Pendennis) | 1020.5 | -1 | N | 1 | mo⁻ | 50 | 97 | 7 | 4000 | StCu | 9 | - | 9 | * |
| Plymouth (Cattewater) | 1020.6 | 0 | — | 0 | mmb | 47 | 97 | 4 | <150 | StCu | 2 | - | 2 | 0 |
| Portland Bill | 1020.0 | +2 | NW | 1 | b+ | 57 | 85 | 7 | - | - | 0 | CiSt | 3 | 1 |
| Southampton (Calshot) | 1020.2 | +1 | N | 2 | Fbc | 50 | 97 | 1 | 5700 | StCu | 3 | - | 5 | 0 |
| Dungeness | 1018.9 | 0 | N | 2 | o/f | 55 | 97 | 5 | 800 | St | 10 | - | 10 | 2 |
| Jersey 7h / Guernsey 1h | 1019.6 | -1 | WNW | 2 | o/r | 53 | 92 | 7 | 1500 | St | 10 | - | 10 | 0 |

## WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Sun. 1st Oct

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 30-1st °F. | Temperature. Max. Day. 1st °F. | Rainfall.† Night 17h.-9h. 30-1st mm. | Rainfall.† Day 9h.-17h. 1st mm. | Sunshine. Sunrise to 17h. 1st hr. | Sunshine. Sunrise to Sunset. 30th hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | b | b.bc | 44 | 58 | 7 | - | 7.5 | 1.2 |
| Montrose ... ... | ⁎ | ·⁎ | 46 | 61 | 8 | - | 5.9 | 0.2 |
| Llandudno ... ... | c | cbb | 51 | 60 | 2 | - | 3.5 | 0.0 |
| Colwyn Bay ... | cbc | bc | 55 | 57 | 3 | - | ? | 0.0 |
| Rhyl... ... ... | c | cbcb | 51 | 58 | 4 | - | 3.4 | 0.0 |
| Southport ... ... | obcb | bccb | 50 | 57 | 4 | - | 4.3 | 0.0 |
| Blackpool ... ... | c | bcc | 42 | 59 | 8 | - | 4.5 | 0.0 |
| Harrogate ... ... | b | b | 47 | 60 | 9 | - | 3.0 | 1.6 |
| Skegness ... ... | o | o | 50 | 61 | 7 | - | 1.2 | 1.9 |
| Aberystwyth ... | roc | bc | 57 | 58 | 7 | - | 2.5 | 0.0 |
| Bath ... ... | gop | og | 54 | 63 | 2 | 0.3 | 0.0 | 0.5 |
| Leamington Spa ... | ow | o | 45 | 62 | 8 | - | 0.1 | 1.3 |
| Lowestoft ... ... | o | o | 51 | 60 | 6 | - | 0.3 | 1.8 |
| Felixstowe ... ... | om | o | 52 | 63 | 19 | - | 0.9 | 2.6 |
| Southend ... ... | og | cog | 51 | 64 | 12 | - | 0.3 | 1.9 |

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 30-1st °F. | Temperature. Max. Day. 1st °F. | Rainfall.† Night 17h.-9h. 30-1st mm. | Rainfall.† Day 9h.-17h. 1st mm. | Sunshine. Sunrise to 17h. 1st hr. | Sunshine. Sunrise to Sunset. 30th hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton ... ... | wbc | bcodpo | 44 | 65 | - | 1 | 1.8 | 0.0 |
| Ilfracombe ... ... | o | op | 57 | 59 | 3 | 0.4 | 0.0 | 0.0 |
| Bude ... ... | orr | roror | 56 | 60 | 1 | 1 | 0.3 | 0.0 |
| Penzance ... ... | oco | oro | 54 | 60 | 1 | 1 | 0.9 | 0.0 |
| Falmouth Observatory | cbco | odo | 49 | 62 | 1 | 2 | 1.6 | 0.0 |
| Torquay ... ... | bc | r | 56 | 63 | 0.2 | 1 | 0.0 | 1.4 |
| Weymouth ... ... | oc | cpo | 55 | 65 | 1 | 0.2 | 0.9 | 0.1 |
| Bournemouth ... | o | o | 53 | 64 | 1 | - | 0.3 | 0.8 |
| Portsmouth (S'thsea) | o | opo | 52 | 63 | 2 | 1 | 2.2 | 1.3 |
| Worthing ... ... | eo | o | 54 | 62 | 1 | - | 0.0 | 3.2 |
| Brighton ... ... | o | o | 54 | 62 | 2 | - | 0.3 | 3.3 |
| Eastbourne ... ... | or | o | 54 | 64 | 3 | Trace | 0.0 | 5.2 |
| Hastings ... ... | o | o | 54 | 62 | 2 | - | 0.0 | 4.1 |
| Folkestone ... ... | o | o | 52 | 63 | 11 | - | 0.1 | 4.6 |
| Tunbridge Wells ... | o | o | 51 | 63 | 3 | - | 0.1 | 3.3 |
| Ramsgate ... ... | o | o | 50 | 63 | 15 | - | 0.0 | 4.1 |
| Margate ... ... | o | o | 50 | 62 | 14 | - | 0.0 | 3.3 |
| Deal ... ... ... | ro | om | 51 | 63 | 8 | - | 0.0 | 3.8 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22230 Tuesday, 3rd October 1922. Page 1.

**Observations at 1300 G.M.T. 2nd**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| rwick | 1005·2 | -2 | WSW | 5 | cpr₀ | 51 | 75 | 7 | 4000 | Cu | 7 | - | 7 | • |
| rnoway | 1009·5 | +1 | W | 4 | cPR- | 53 | 75 | 6 | 4000 | Nb | 7 | - | 7 | • |
| ick | 1008·3 | 0 | W | 5 | b/f | 53 | 65 | 8 | 4000 | CuNb | 3 | - | 3 | • |
| tlebay | 1014·3 | +1 | W | 5 | b | 52 | 85 | 8 | 2500 | Cu | 3 | - | 3 | • |
| irn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| rdeen | 1011·7 | -1 | WSW | 3 | b+ | 59 | 55 | 8 | 4000 | Cu | 3 | - | 3 | • |
| lin Head | 1015·5 | 0 | WNW | 4 | c- | 54 | 75 | 7 | 5700 | Nb | 4 | ACu | 7 | • |
| frew | 1014·9 | +0 | WNW | 4 | bc- | 54 | 65 | 8 | 2500 | Cu | 5 | - | 5 | • |
| inburgh (Inchkeith) | 1012·9 | -1 | WSW | 4 | b- | 52 | 75 | 7 | - | Cu | 3 | - | 3 | • |
| chars | 1012·8 | -1 | WSW | 5 | bc | 57 | 55 | 8 | 4000 | StCu | 4 | - | 4 | • |
| dalemuir | 1015·1 | 0 | W | 5 | c | 54 | 65 | 7 | 2500 | StCu | 8 | - | 8 | • |
| mouth | 1015·3 | 0 | W | 3 | bc- | 57 | 75 | 6 | 4000 | StCu | 4 | - | 4 | • |
| cksod Point | | | | | | | | | | | | | | • |
| ghadee | 1017·2 | 0 | WNW | 2 | cpr₀ | 56 | 85 | 8 | 4000 | CuNb | 5 | ACu | 8 | • |
| r Castle | | • | | | | | | | | | | | | • |
| linstown | 1019·7 | -1 | SW | 2 | o | 57 | 85 | 8 | 1500 | St | 10 | - | 10 | • |
| yhead | 1018·7 | -1 | S'E | 3 | o- | 57 | 85 | 8 | 4000 | StCu | 6 | ASt | 9 | • |
| rpool (Bidston) | 1018·6 | -1 | WSW | 2 | c- | 55 | 75 | 7 | 2500 | CuNb | 7 | - | 7 | • |
| ster (Shotwick) | 1019·0 | 0 | W | 3 | opr₀ | 58 | 75 | 8 | 2500 | StCu | 9 | - | 9 | • |
| rn Head | 1018·8 | +1 | W | 2 | or₀+ | 54 | 65 | 4 | - | - | 0 | ASt | 10 | • |
| ttingham | 1018·9 | • | SW | 1 | o | 56 | 75 | 5 | 1500 | StCu | 10 | - | 10 | • |
| nwell | 1019·6 | -1 | W | 3 | o | 55 | 85 | 6 | 4000 | St | 6 | ACu | 10 | • |
| leston | 1019·5 | 0 | WNW | 3 | mmo | 58 | 92 | 6 | - | - | 0 | CiSt | 10 | • |
| lencia (Cahirciveen) | 1018·9 | -2 | Calm | 0 | b+ | 55 | 85 | 9 | - | Cu | 3 | - | 3 | • |
| ches Point | | | | | | | | | | | | | | • |
| broke (St. Ann's H.) | 1020·5 | -1 | N | 1 | b/f | 58 | 75 | 7 | 4000 | Cu | 3 | - | 3 | • |
| s-on-Wye | 1019·3 | -2 | W | 1 | bc- | 60 | 65 | 8 | - | - | 0 | Ci | 6 | • |
| son | 1019·2 | -2 | Calm | 0 | c/r | 62 | 65 | 6 | - | - | 0 | CiCu | 8 | • |
| dover | 1019·5 | -1 | Calm | 0 | bc/f | 65 | 65 | 7 | 2500 | Cu | 4 | CiCu | 5 | • |
| Farnborough | 1019·8 | -1 | Calm | 0 | mmo | 63 | 75 | 6 | 4000 | Cu | 3 | Ci | 6 | • |
| ndon (Kew Obsy.) | 1019·6 | -2 | NE | 1 | c | 61 | 65 | 6 | - | - | 0 | Ci | 7 | • |
| ydon | 1019·7 | -1 | NE | 2 | o | 60 | 75 | 4 | 4000 | Cu | 1 | Ci | 9 | • |
| cton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| oeburyness | 1020·2 | 0 | Calm | 0 | mc- | 57 | 75 | 6 | 4000 | St | 4 | CiSt | 8 | • |
| ain | 1020·1 | +0 | Calm | 0 | o | 57 | 75 | 6 | - | - | 0 | ASt | 10 | • |
| mpne | 1019·7 | -1 | NW | 1 | o | 60 | 75 | 6 | 800 | St | 4 | ASt | 10 | • |
| lly (St. Mary's) | 1020·7 | 0 | SE | 1 | o | 58 | 92 | 7 | 4000 | StCu | 9 | - | 9 | • |
| lmouth (Pendennis) | 1020·7 | -1 | SSE | 1 | bcr | 60 | 85 | 8 | 4000 | StCu | 5 | - | 5 | • |
| ymouth (Cattewater) | 1020·0 | 0 | S | 1 | bc | 59 | 75 | 8 | 5700 | StCu | 3 | CiSt | 4 | • |
| rtland Bill | 1019·2 | -1 | WNW | 1 | b | 61 | 85 | 7 | - | - | 0 | - | 0 | • |
| uthampton (Calshot) | 1020·0 | -1 | Calm | 0 | mb- | 64 | 75 | 6 | 4000 | Cu | 2 | - | 2 | • |
| ngeness | 1020·1 | +1 | N | 1 | c | 61 | 85 | 7 | 2500 | Cu | 7 | - | 7 | • |
| rsey | 1020·1 | 0 | WNW | 3 | c | 62 | 75 | 8 | 4000 | StCu | 8 | - | 8 | • |

**Observations at 1800 G.M.T. 2nd**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| rwick | 1005·3 | -1 | WNW | 4 | bcpr₀ | 46 | 85 | 7 | 4000 | CuNb | 5 | - | 5 | 3 |
| rnoway | 1011·5 | +2 | W | 3 | bc/r | 49 | 85 | 6 | 4000 | Cu | 6 | - | 6 | 2 |
| ick | 1009·7 | +2 | W | 2 | bcjp | 47 | 92 | 8 | 2500 | CuNb | 3 | Ci | 4 | 0 |
| tlebay | 1014·3 | +1 | W | 4 | o+ | 51 | 75 | 7 | 1500 | St | 10 | - | 10 | 4 |
| irn | 1011·9 | • | W | 2 | bc+ | 49 | 75 | 8 | 1500 | Cu | 6 | - | 10 | • |
| rdeen | 1012·6 | +1 | W | 2 | c | 50 | 75 | 7 | 4000 | StCu | 1 | CiSt | 7 | 0 |
| lin Head | 1015·6 | 0 | WNW | 3 | o | 52 | 85 | 7 | 5700 | StCu | 7 | ACu | 9 | 4 |
| frew | 1015·2 | +1 | W | 2 | o+ | 51 | 75 | 8 | 1500 | St | 5 | Ci | 9 | • |
| inburgh (Inchkeith) | 1013·6 | +2 | WSW | 3 | o+ | 52 | 65 | 8 | - | St | 6 | ACu | 9 | 2 |
| chars | 1013·5 | +1 | W | 2 | c | 46 | 85 | 8 | 7200 | StCu | 3 | Ci | 7 | * |
| dalemuir | 1016·2 | 0 | W | 3 | c | 48 | 75 | 8 | 2500 | StCu | 7 | - | 7 | • |
| mouth | 1015·4 | 0 | W | 1 | bc | 54 | 85 | 6 | 4000 | CuNb | 2 | CiCu | 5 | 1 |
| cksod Point | | | | | | | | | | | | | | • |
| ghadee | 1017·2 | 0 | W | 1 | o/r | 52 | 97 | 7 | 5700 | StCu | 9 | - | 9 | 6 |
| r Castle | | • | | | | | | | | | | | | • |
| linstown | 1018·7 | -1 | SW'W | 2 | o | 54 | 85 | 8 | 4000 | StCu | 4 | ASt | 10 | • |
| yhead | 1018·4 | -1 | SSW | 1 | o | 55 | 92 | 8 | 7200 | St | 5 | ASt | 10 | 0 |
| rpool (Bidston) | 1018·3 | -0 | W | 1 | o+ | 53 | 85 | 7 | 2500 | St | 7 | ASt | 10 | 1 |
| ster (Shotwick) | 1017·7 | 0 | NW | 3 | o | 53 | 85 | 6 | 5700 | StCu | 8 | ASt | 10 | • |
| rn Head | 1017·5 | -1 | SW | 3 | o | 56 | 85 | 5 | 4000 | StCu | 9 | - | 9 | 4 |
| ttingham | 1018·5 | • | SW | 1 | o+ | 56 | 85 | 5 | 1500 | StCu | 10 | - | 10 | • |
| nwell | 1019·1 | 0 | Calm | 0 | mc | 52 | 85 | 6 | 5700 | StCu | 3 | ACu | 8 | • |
| leston | 1019·1 | 0 | Calm | 0 | c- | 55 | 85 | 4 | 2500 | St | 7 | - | 7 | 0 |
| lencia (Cahirciveen) | 1018·3 | -2 | SE | 2 | bcpr₀ | 53 | 97 | 7 | - | St | 2 | ASt | 6 | • |
| ches Point | | | | | | | | | | | | | | • |
| broke (St. Ann's H.) | 1019·6 | -1 | WSW | 2 | c+ | 54 | 85 | 7 | - | - | 0 | ASt | 8 | 3 |
| s-on-Wye | 1019·1 | -0 | Calm | 0 | c+ | 55 | 85 | 6 | - | - | 0 | ACu | 7 | • |
| son | 1018·7 | -1 | Calm | 0 | b | 54 | 35 | 6 | - | - | 0 | CiCu | 2 | • |
| dover | 1019·1 | -0 | WSW | 1 | c+ | 57 | 85 | 6 | 7200 | StCu | 7 | - | 7 | • |
| Farnborough | 1019·0 | -1 | Calm | 0 | mmo | 56 | 97 | 5 | 4000 | Cu | 8 | Ci | 10 | • |
| ndon (Kew Obsy.) | 1019·3 | +1 | E | 1 | c+ | 57 | 85 | 3 | 5700 | Cu | 4 | CiCu | 8 | • |
| ydon | 1019·4 | +0 | S | 1 | o+ | 55 | 85 | 5 | 4000 | StCu | 3 | ACu | 10 | • |
| cton-on-Sea | 1018·6 | 0 | SSW | 2 | c | 56 | 92 | 4 | - | - | 0 | Ci | 7 | 0 |
| oeburyness | 1019·5 | -1 | Calm | 0 | mc+ | 52 | 85 | 6 | 4000 | St | 5 | CiSt | 7 | • |
| ain | 1019·0 | -1 | Calm | 0 | o+ | 55 | 85 | 6 | - | - | 0 | ASt | 9 | 0 |
| mpne | 1019·2 | 0 | Calm | 0 | o | 56 | 97 | 4 | 450 | St | 10 | - | 10 | • |
| lly (St. Mary's) | 1019·9 | -1 | SSE | 1 | ffo | 55 | 92 | 2 | 450 | St | 10 | - | 10 | 2 |
| lmouth (Pendennis) | 1020·0 | 0 | WSW | 2 | c+ | 57 | 92 | 8 | 4000 | StCu | 7 | CiCu | 8 | 0 |
| ymouth (Cattewater) | 1019·6 | 0 | - | 0 | o | 56 | 85 | 7 | 5700 | StCu | 3 | ACu | 9 | 0 |
| rtland Bill | 1019·2 | 0 | NW'W | 2 | b | 58 | 85 | 6 | - | - | 0 | - | 0 | 0 |
| uthampton (Calshot) | 1019·2 | 0 | SW'W | 3 | bc | 56 | 92 | 5 | - | - | 0 | ACu | 4 | 0 |
| ngeness | 1019·4 | 0 | Calm | 0 | bc- | 58 | 92 | 7 | - | - | 0 | CiCu | 4 | 2 |
| rsey | 1019·2 | -0 | WNW | 3 | b | 59 | 85 | 8 | - | - | 0 | CiCu | 1 | 0 |

**London Observations.** (Weather, Temperature, Rainfall: 24 Hours ended 0900 G.M.T. 3rd; Sunshine and Humidity 15h.: Yesterday; Humidity 9h.: To-day.)

| London Observations | Weather Morning | Weather Afternoon | Weather Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew } 24 hours ended 0700 | bcmwcz | czcf | ofwcof | • | • | 43 | Tr. | - | 3.9 | • | • |
| Croydon } 24 hours ended 0700 | ofebm | ezbco | omw | • | • | 44 | - | - | 2.2 | • | • |
| Greenwich (Royal Obsy.) | foz | oz | ozmjp | 61 | 47 | 42 | - | - | 0.5 | 79 | 76 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 0.3 | • | • |
| Westminster (St. James' Pk.) | om | m | com | 64 | 50 | • | - | - | 1.2 | 75 | 86 |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 1.4 | • | • |
| Camden Square | bcm | o | • | 64 | 50 | 47 | - | - | • | • | 87 |
| Kensington Palace | c | co | bbc | 63 | 50 | 45 | - | - | • | 89 (8h) | 84 |
| Hampstead Observatory | bcm | bm | • | 62 | 50 | 40 | - | - | 3.4 | • | 85 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 1800 G.M.T. 2nd

| South Kensington Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

| Kew Observatory Max. | Time. | Min. | Time. |
|---|---|---|---|
| 0.5 | 18h. 1st | <0.3 | 2h 2nd to 4h 2nd |
| 1.1 | 9h. 2nd | | |

**Solar Radiation.** Vertical component per square centimetre. During yesterday. South Kensington.

Total ............ joules
Average Rate ............ Milliwatts.
Maximum Rate ............ Milliwatts.

**Pole Star Record at Greenwich Obsy.** Exposure from 2nd 18 h. 30 m. to 3rd 05 h. 15 m.

| Stars. | Exposure. h. m. | Record. h. m. | % |
|---|---|---|---|
| Polaris | 10.45 | 4.25 | 41 |
| δ Ursae Minoris | 10.45 | 1.07 | 10 |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 15h. | - | - | - | - |
| 18h. | - | - | - | - |
| 01h. | - | - | - | - |
| 07h. | - | - | - | - |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.** 3rd & 4th October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 5.58<br>6.0 | 11.42<br>11.42 | 5.25<br>5.23 |
| Greenwich | 6.4<br>6.7 | 11.49<br>11.49 | 5.33<br>5.31 |
| Wick | 6.23<br>6.26 | 12.1<br>12.1 | 5.39<br>5.36 |
| Valencia | 6.45<br>6.47 | 12.30<br>12.30 | 6.14<br>6.12 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**

0 = no swell, 1 = mod. swell, 2 = heavy swell } Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

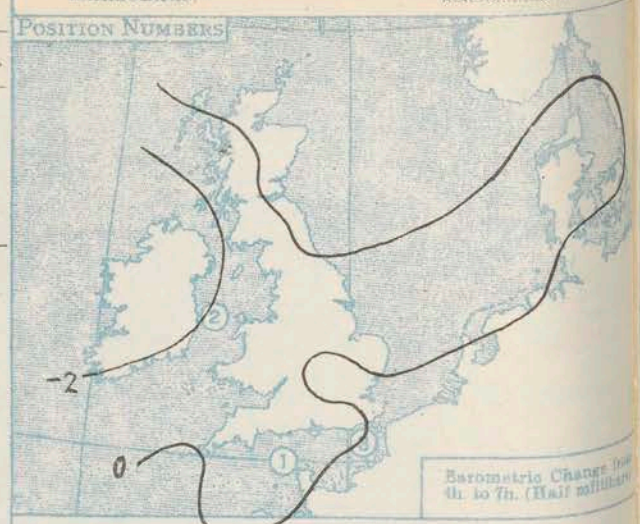
[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 2nd | 13h.-18h. 2nd | 18h. 2nd to 1h. 3rd | 1h.-7h. 3rd | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL.† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | cp | cqp | bcp | bcp | 52 | 43 | • | 6 | 2 | <0800 | <2100 | • |
| Stornoway ... ... | op | p | c | c | 53 | 43 | • | 3 | 0.4 | <0800 | — | 6.2 |
| Wick ... ... ... | bcp₀ | bcp₀ | c | bbc | 55 | 41 | • | 0.2 | — | 11.00 | — | • |
| Castlebay ... ... | copbc | bpbco | ocopc | co | 53 | 47 | • | 3 | 0.5 | — | — | 6.2 |
| Nairn ... ... ... | bcc | bc | cbc | bc | 54 | 43 | • | — | — | — | — | 7.4 |
| Aberdeen ... ... | bmb | bcpr₀ | bcbm | bwm | 59 | 42 | 31 | 0.1 | — | 15.30 | — | 7.6 |
| Malin Head ... ... | Rcor | c | omd | cDfo | 55 | 49 | • | 1 | 1 | — | 22.00 | 3.0 |
| Renfrew ... ... | obc | bcco | ocm | omoff | 58 | 39 | 30 | trace | — | — | — | 7.6 |
| Edinburgh (Inchkeith) | c | c | o | c | 56 | 46 | 41 | — | — | — | — | 7.1 |
| Leuchars ... ... | b-bc | c | bbc | | 59 | 40 | 28 | — | — | — | — | 6.5 |
| Eskdalemuir ... ... | oprcc | c | cbc | bcbom | 55 | 32 | 27 | 1 | — | <0800 | — | 3.1 |
| Tynemouth ... ... | bm | bcm | bbcm | bcmf | 59 | 39 | 34 | — | — | — | — | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | cp | ir₀ | c | omp | 57 | 52 | • | 2 | — | <0800 | — | • |
| Birr Castle ... ... | | | | | | | | | | | | |
| Collinstown ... ... | oo | oo | oco | cooidm | 59 | 45 | • | — | 0.1 | — | 04.30 | 0.5 |
| Holyhead ... ... | oo | oo | oco | ooY₀ | 58 | 52 | 48 | — | Trace | — | 06.30 | 2.8 |
| Liverpool (Bidston) ... | co | cbco | bco | | 58 | 47 | 39 | — | — | — | — | 1.1 |
| Chester (Shotwick) ... | oo | oprobm | obbm | bccm | 60 | 44 | 39 | trace | — | 13.30 | — | • |
| Spurn Head ... ... | oo | oo | bbc | c | 56 | 50 | • | 0.2 | — | 0900 | — | 0.6 |
| Nottingham ... ... | om | c | oc | m | 58 | 46 | 43 | — | — | — | — | 0.0 |
| Cranwell ... ... | omom | oc | com | m | 56 | 47 | 43 | — | — | — | — | 0.7 |
| Gorleston ... ... | ofcom | ocm | co | bbcme | 61 | 49 | 46 | — | — | — | — | 3.2 |
| Valencia (Cahirciveen) | o | cop | o | | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | bcf | c | c | c | 58 | 51 | • | — | — | — | — | 8.6 |
| Ross-on-Wye ... ... | fomc | bcbbc | omw | om | 62 | 46 | 43 | ? | Trace | — | — | 4.5 |
| Benson... ... ... | fc | b | co | ow | 63 | 45 | 38 | — | Trace | — | — | • |
| Andover ... ... | ofcmbc | bccm | bgmbm | bccom | 65 | 45 | 41 | — | — | — | — | 7.6 |
| S. Farnborough ... | offcm | bccomm | 8cm | of | 65 | 46 | 42 | trace | — | — | — | 4.3 |
| London (Kew Obsy.) ... | bcmwcz | czcf | ofw | cfwofw | 62 | 50 | 43 | trace | — | <0800 | — | 3.9 |
| Croydon ... ... | ofcbm | oZbco | om | owm | 62 | 49 | 44 | — | — | — | — | 2.2 |
| Clacton-on-Sea ... | omcm | | cm | cbcm | 58 | 50 | 46 | — | — | — | — | 3.2 |
| Shoeburyness ... ... | offcm | cm | cm | cmcf | 60 | 44 | 39 | 0.1 | — | — | — | 0.5 |
| Grain ... ... ... | oFoz | c | o | oFF | 58 | 48 | 42 | — | Trace | — | — | 0.3 |
| Lympne ... ... | oo | om | omf | cofm | 62 | 51 | 43 | — | Trace | — | — | 3.2 |
| (St. Mary's) ... | oo | ffd₀ | ffid | maffc | 61 | 54 | • | 0.3 | 1 | 15.30 | 22.00 | 2.3 |
| Falmouth (Pendennis) | ombc | bcc | of | of | 61 | 55 | • | — | — | — | — | 3.3 |
| Plymouth (Cattewater) | bfbcw | c | oc | bc | 62 | 53 | 51 | — | 0.2 | — | — | 7.6 |
| Portland Bill ... ... | bcb | b-bc | co | o | 61 | 53 | • | — | — | — | — | • |
| Southampton (Calshot) | cmcm | bbczm | m | omom | 64 | 52 | 50 | — | — | — | — | 7.8 |
| Dungeness ... ... | c | c | cpfmcf | ff | 63 | 52 | • | — | — | — | — | • |
| Jersey | oc | b | c | od₀o | 65 | 52 | • | — | Trace | — | 04.30 | 3.2 |

ISALLOBARS. October 3rd

POSITION NUMBERS




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 2. | 2nd 10h | Anglia | SSW | 3 | c | 65 | 56 |
| 3 | 3rd 2h | Dieppe. | WNW | 1 | 0 | 58 | 59 |

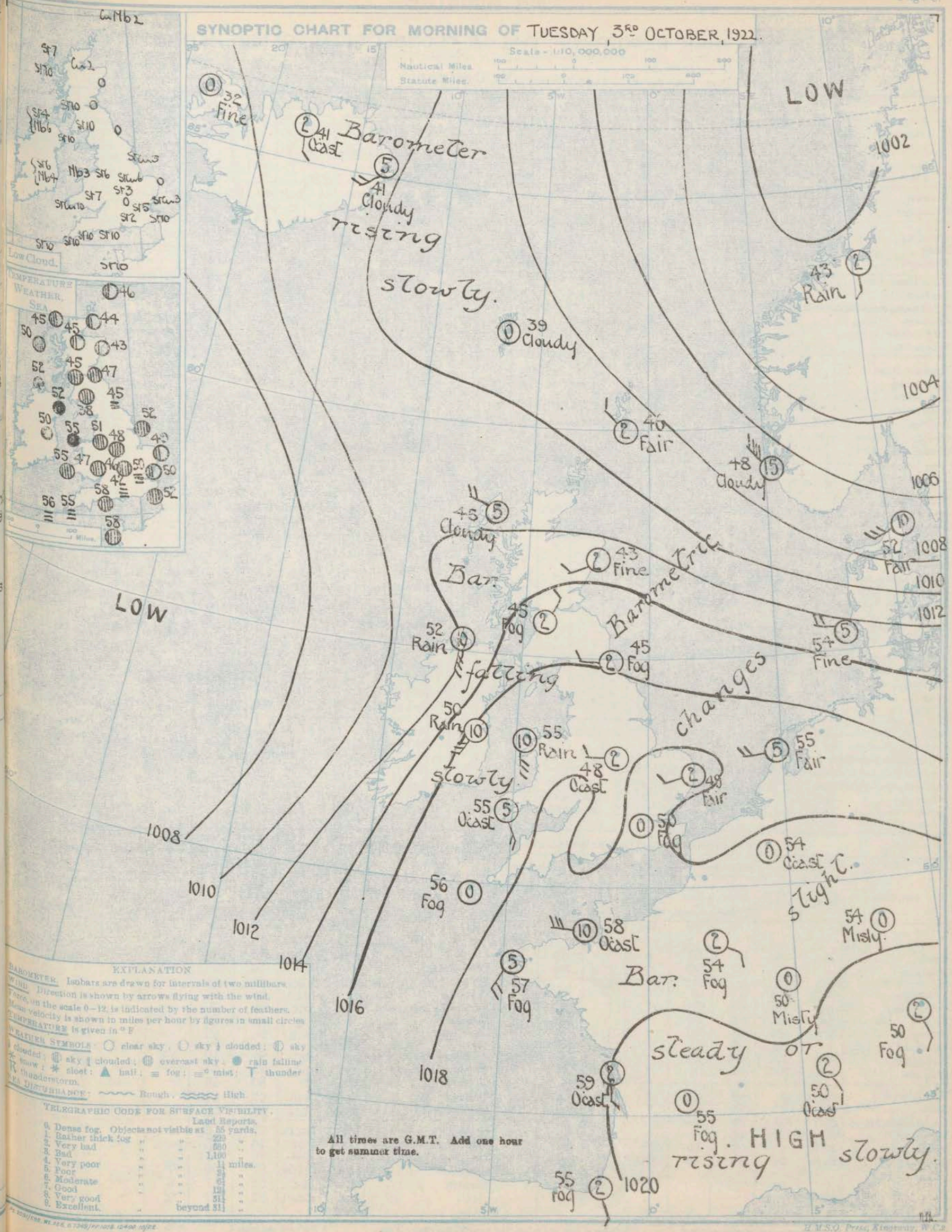
GENERAL INFERENCE.

The depression far out over the Atlantic appears to be taking a northeasterly path towards Iceland while the anticyclone over France shows little change. Over Scotland Ireland and West and Northwest England light or moderate South to Southwest winds are probable with cloudy weather and occasional light rain or drizzle. Over the rest of England fair weather is anticipated with morning fog.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, October 3rd, 1922 | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands | Light or moderate indefinite or southwesterly breezes; fair; morning mist or fog; moderate day temperature. | With-held. |
| 5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England | Wind S to SW, light or moderate; cloudy, occasional light rain or drizzle; some mist or fog; mild. | |
| 9. N. Midlands<br>10. N.E. England | Wind mainly SW, light or moderate; fair or cloudy; some morning mist or fog; moderate day temperature. | |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N.&N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Wind Southwesterly, light or moderate; cloudy, occasional light rain or drizzle; some mist; milder. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 GMT. G. Mk. SIMPSON, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF TUESDAY, 3RD OCTOBER, 1922.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
Barometer rising slowly.
Bar. falling slowly
Barometer changes
Bar. steady or slight C.
HIGH rising slowly.
32 Fine
41 East
41 Cloudy
39 Cloudy
43 Rain
40 Fair
48 Cloudy
45 Cloudy
43 Fine
45 Fog
52 Rain
45 Fog
54 Fine
50 Rain
55 Rain
48 East
55 Fair
55 East
48 Fair
50 Fog
54 East
56 Fog
58 East
54 Misty
54 Fog
57 Fog
50 Misty
50 Fog
59 East
50 East
55 Fog
55 Fog
Low Cloud.
Temperature Weather. Sea
All times are G.M.T. Add one hour to get summer time.
EXPLANATION
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers.
Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in °F
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA DISTURBANCE: Rough; High
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
Land Reports.
0. Dense fog. Objects not visible at 55 yards.
1. Rather thick fog " " 220 "
2. Very bad " " 550 "
3. Bad " " 1,100 "
4. Very poor " " 1½ miles.
5. Poor " " 2½ "
6. Moderate " " 6 "
7. Good " " 12½ "
8. Very good " " 31½ "
9. Excellent. " beyond 31½ "

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Tuesday, 3rd October.....1922. No. 276.

Observations at 0100 G.M.T.....3rd.....

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1008.3 | +2 | WNW | 3 | bc | 46 | 85 | 7 | 4000 | Cu | 4 | – | 4 | • |
| Stornoway ... ... | 1014.2 | 0 | W | 2 | 0 | • | • | 5 | • | • | • | • | • | • |
| Wick ... ... ... | 1011.0 | 0 | WSW | 2 | c | 45 | 92 | 8 | 4000 | CuNb | 3 | ACu | 7 | • |
| Castlebay ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head ... ... | 1014.9 | –1 | S | 1 | oD | 51 | 92 | 4 | 450 | St | 10 | – | 10 | • |
| Renfrew ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1014.9 | +1 | W | 3 | o | 48 | 85 | 7 | – | St | 2 | ACu | 10 | • |
| Leuchars ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth ... ... | 1016.4 | +1 | – | 0 | b | 50 | 92 | 6 | – | – | 0 | – | 0 | • |
| Blacksod Point ... | | | | | | | | | | | | | | • |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | 1018.6 | –1 | SW | 2 | o | 50 | 92 | 8 | 2500 | StCu | 8 | ASt | 10 | • |
| Holyhead ... ... | 1018.1 | –1 | S | 1 | o | 50 | 97 | 8 | 4000 | StCu | 3 | ASt | 10 | • |
| Liverpool (Bidston) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head ... ... | 1017.0 | 0 | WSW | 2 | o | 51 | 92 | 6 | 4000 | StCu | 5 | ACu | 9 | • |
| Nottingham ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell ... ... | 1018.7 | 0 | W'S | 2 | o | 50 | 97 | 6 | 4000 | StCu | 10 | – | 10 | • |
| Gorleston ... ... | 1018.9 | 0 | W'S | 1 | o+ | 52 | 92 | 6 | 5700 | StCu | 10 | – | 10 | • |
| Valencia (Cahirciveen) | 1015.4 | –3 | S | 2 | b | 54 | 97 | 7 | – | – | 0 | – | 0 | • |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1018.7 | –1 | SSW | 3 | bc– | 54 | 75 | 8 | – | – | 0 | ASt | 6 | • |
| Ross-on-Wye ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.)... | • | • | • | • | • | 52 | • | • | • | • | • | • | • | • |
| Croydon ... ... | 1018.8 | –2 | S | 1 | mmc | 51 | 97 | 4 | – | – | 0 | ASt | 10 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne ... ... | 1018.6 | –1 | – | 0 | FFo | 52 | 97 | 2 | – | – | 0 | CiSt | 7 | • |
| Scilly (St. Mary's) ... | 1018.8 | –1 | W | 1 | FFo | 56 | 97 | 2 | 225 | St | 10 | – | 10 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1019.2 | 0 | WNW | 3 | o+ | 56 | 85 | 6 | – | – | 0 | ACu | 10 | • |
| Southampton (Calshot) | 1018.7 | –2 | – | 0 | o+ | 52 | 97 | 5 | 4000 | St | 10 | – | 10 | • |
| Dungeness ... ... | 1018.5 | –1 | – | 0 | fc– | 55 | 97 | 3 | 2500 | StCu | 7 | – | 7 | • |
| Jersey (7h.) ... ... | 1020.0 | 0 | S | 1 | o+ | 56 | 97 | 8 | 1500 | StCu | 10 | – | 10 | • |
| Guernsey (1h.) | | | | | | | | | | | | | | |

Observations at 0700 G.M.T.....3rd.....

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1009.0 | 0 | NW | 1 | bc/r | 46 | 85 | 7 | 4000 | CuNb | 2 | ACu | 4 | 0 |
| Stornoway ... ... | 1011.8 | 0 | WNW | 2 | c | 45 | 92 | 6 | 800 | St | 7 | ACu | 8 | 1 |
| Wick ... ... ... | 1010.8 | 0 | WSW | 2 | bc | 44 | 92 | 8 | 2500 | CuNb | 3 | Ci | 4 | 0 |
| Castlebay ... ... | 1012.5 | –1 | E | 1 | o | 50 | 92 | 7 | 1500 | St | 10 | – | 10 | 1 |
| Nairn ... ... ... | 1012.1 | • | W | 1 | bc | 45 | 85 | 8 | 4000 | Cu | 2 | ACu | 5 | • |
| Aberdeen ... ... | 1013.6 | 0 | W'S | 1 | b | 43 | 85 | 6 | – | – | 0 | ACu | 1 | 0 |
| Malin Head ... ... | 1012.0 | –3 | S'W | 3 | oγ₀ | 52 | 85 | 7 | 1500 | Nb | 10 | – | 10 | 4 |
| Renfrew ... ... | 1014.8 | –1 | NE | 1 | ff₀ | 45 | 97 | 3 | 1500 | St | 10 | – | 10 | • |
| Edinburgh (Inchkeith) | 1014.3 | –1 | WSW | 3 | mo– | 47 | 92 | 6 | – | – | 0 | CiCu | 10 | 2 |
| Leuchars ... ... | 1014.1 | 0 | W | 1 | bc | 40 | 97 | 8 | 7200 | StCu | 1 | Ci | 6 | • |
| Eskdalemuir ... ... | 1016.0 | 0 | – | 0 | o | 38 | 97 | 6 | 1500 | St | 10 | – | 10 | • |
| Tynemouth ... ... | 1015.8 | 0 | W | 1 | Fbc+ | 45 | 97 | 1 | – | – | 0 | ASt | 4 | 0 |
| Blacksod Point ... | 1015.4 | –2 | SW | 1 | oby₀ | 52 | 97 | 8 | 1500 | St | 10 | – | 10 | 0 |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | 1016.3 | –2 | SW'S | 3 | oγ₀ | 50 | 85 | 6 | 2500 | St | 10 | – | 10 | • |
| Holyhead ... ... | 1016.2 | –1 | S | 3 | oγ₀ | 55 | 85 | 8 | 1500 | Nb | 3 | ASt | 10 | 1 |
| Liverpool (Bidston) ... | 1016.5 | –1 | SSW | 1 | o+ | 51 | 85 | 7 | 2500 | St | 10 | – | 10 | 1 |
| Chester (Shotwick) ... | 1016.8 | –1 | SE | 2 | o+ | 47 | 97 | 4 | 7200 | StCu | 10 | – | 10 | • |
| Spurn Head ... ... | 1016.8 | –1 | W | 2 | o | 52 | 92 | 5 | 4000 | StCu | 5 | Ci | 9 | 2 |
| Nottingham ... ... | 1017.4 | • | W | 1 | fo | 48 | 97 | 2 | 800 | St | 3 | ACu | 9 | • |
| Cranwell ... ... | 1017.9 | 0 | W | 3 | mc+ | 49 | 97 | 5 | 4000 | StCu | 6 | ACu | 8 | • |
| Gorleston ... ... | 1018.1 | –1 | W'S | 1 | mmbc | 49 | 97 | 4 | – | – | 0 | ACu | 5 | 0 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | 1017.4 | –1 | SSE | 2 | o | 55 | 85 | 8 | 4000 | StCu | 10 | – | 10 | 3 |
| Pembroke (St. Ann's H.) | 1018.0 | –1 | – | 0 | ffo | 47 | 97 | 3 | 450 | St | 7 | ASt | 10 | • |
| Ross-on-Wye ... ... | 1017.9 | 0 | – | 0 | o | 46 | 97 | 6 | – | – | 0 | ASt | 9 | • |
| Benson... ... ... | 1018.8 | 0 | – | 0 | o+ | 47 | 97 | 5 | 5700 | St | 10 | – | 10 | • |
| Andover ... ... | 1017.9 | 0 | – | 0 | ffo | 48 | 97 | 3 | 450 | St | 2 | CiSt | 9 | • |
| S. Farnborough ... | 1018.1 | 0 | – | 0 | FFo | 50 | 97 | 2 | 800 | St | 5 | CiSt | 10 | • |
| London (Kew Obsy.)... | 1018.4 | 0 | SSW | 2 | o ⊕ | 50 | 92 | 5 | – | – | 0 | CiSt | 10 | • |
| Croydon ... ... | 1017.5 | 0 | W | 1 | bc– | 50 | 92 | 4 | – | SiCu | 3 | ASt | 5 | 0 |
| Clacton-on-Sea ... | 1018.1 | –1 | – | 0 | FFc | 47 | 92 | 1 | <150 | St | 6 | ASt | 8 | 0 |
| Shoeburyness... ... | 1018.4 | 0 | – | 0 | Fo– | 50 | 97 | 2 | – | – | 0 | ACu | 10 | • |
| Grain ... ... ... | 1018.2 | +1 | NW'N | 2 | o/f | 51 | 97 | 4 | – | – | 0 | CiSt | 9 | |
| Lympne ... ... | 1017.5 | 0 | – | 0 | FFo | 56 | 97 | 2 | 225 | St | 10 | – | 10 | 2 |
| Scilly (St. Mary's) ... | 1017.2 | +2 | SW | 1 | FFo | 55 | 97 | 1 | 4000 | St | 10 | – | 10 | 0 |
| Falmouth (Pendennis) | 1018.0 | +1 | – | 0 | fo+ | 54 | 97 | 3 | <150 | St | 10 | – | 10 | 0 |
| Plymouth (Cattewater) | 1017.7 | –2 | – | 0 | o | 58 | 85 | 6 | 450 | St | 10 | – | 10 | 0 |
| Portland Bill ... ... | 1018.6 | 0 | – | 0 | mmo | 53 | 97 | 4 | – | – | 0 | ASt | 10 | 0 |
| Southampton (Calshot) | 1018.3 | –1 | N | 2 | ffo | 52 | 97 | 3 | 450 | St | 10 | – | 10 | 2 |
| Dungeness ... ... | 1018.3 | 0 | W | 3 | o/f | 58 | 97 | 8 | 1500 | St | 10 | – | 10 | 0 |
| Jersey (7h.) ... ... | | | | | | | | | | | | | | |
| Guernsey (1h.) | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR.....Monday, 2nd Oct.

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 1st-2nd °F. | Temperature. Max. Day. 2nd °F. | Rainfall.† Night 17h.-9h. 1st-2nd mm. | Rainfall.† Day 9h.-17h. 2nd mm. | Sunshine. Sunrise to 17h. 2nd hr. | Sunshine. Sunrise to Sunset. 1st hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | b | bbc | 41 | 57 | – | – | 8.5 | 7.5 |
| Montrose ... ... | – | – | 42 | 59 | – | – | 8.6 | 5.9 |
| Llandudno ... ... | cc | bcc | 37 | 60 | – | – | 1.8 | 4.1 |
| Colwyn Bay ... | bc | bc | 43 | 59 | – | – | * | * |
| Rhyl ... ... ... | bc | bc | 43 | 59 | – | – | 3.4 | 2.0 |
| Southport ... ... | oro | oco | 44 | 59 | – | 1 | 1.3 | 4.3 |
| Blackpool ... ... | o | co | 43 | 60 | – | – | 1.8 | 4.8 |
| Harrogate ... ... | obc | c | 44 | 59 | – | – | 1.6 | 2.9 |
| Skegness ... ... | boc | cbc | 42 | 59 | – | – | 2.5 | 1.2 |
| Aberystwyth ... | occ | b | 44 | 59 | – | – | 6.0 | 2.5 |
| Bath ... ... | mb | b | 50 | 65 | – | – | 8.0 | 0.0 |
| Leamington Spa ... | owf | cb | 38 | 59 | – | – | 3.5 | 0.1 |
| Lowestoft ... ... | bfco | ocbco | 46 | | – | – | 3.2 | 0.3 |
| Felixstowe ... ... | omfc | c | 49 | 60 | 0.4 | – | 4.1 | 0.9 |
| Southend ... ... | fom | oc | 49 | 59 | 10.0 | – | 0.3 | 0.3 |
| Paignton ... ... | wmb | bcc | 45 | 60 | – | – | 7.5 | 1.8 |
| Ilfracombe ... ... | ocbc | bb | 51 | 61 | – | – | 8.4 | 0.0 |
| Bude ... ... | wmbcb | bbcb | 43 | 60 | – | – | 7.5 | 0.3 |
| Penzance ... ... | bc | bcco | 49 | 61 | – | – | 3.7 | 0.7 |
| Falmouth Observatory | cbc | bcc | 49 | 61 | – | – | 2.8 | 1.6 |
| Torquay ... ... | b | b | 48 | 62 | – | – | 9.0 | 1.4 |
| Weymouth ... ... | bc | bcb | 51 | 65 | – | – | 6.8 | 0.9 |
| Bournemouth ... | foc | bc | 50 | 62 | 0.2 | – | 2.8 | 0.3 |
| Portsmouth (S'thsea) | bc | bc | 50 | 64 | – | – | 7.5 | 0.0 |
| Worthing ... ... | b | b | 50 | 65 | – | – | 9.1 | 0.0 |
| Brighton ... ... | b | bm | 52 | 62 | – | – | 7.9 | 0.3 |
| Eastbourne ... ... | omoc | bc | 52 | 63 | – | – | 5.1 | 0.0 |
| Hastings ... ... | fobcb | bccbc | 53 | 63 | 1 | – | 4.3 | 0.0 |
| Folkestone ... ... | oo | oc | 54 | 63 | – | – | 1.9 | 0.0 |
| Tunbridge Wells ... | oubc | bcc | 46 | 62 | – | – | 4.1 | 0.1 |
| Ramsgate ... ... | o | ocbbc | 51 | 56 | 7 | – | 0.9 | 0.0 |
| Margate ... ... | o | oc | 53 | 57 | 6 | – | 0.7 | 0.0 |
| [illegible]al ... ... | foo | ocm | 53 | 59 | 2 | – | 0.1 | 0.0 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22231 Wednesday, 4th October 1922. 

**Observations at 1300 G.M.T. 3rd**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility§ 0-9 | Height of Low Cloud Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1010·6 | +1 | NNW | 3 | bcpr₀ | 51 | 75 | 7 | 4000 | CuNb | 5 | - | 5 | • |
| Stornoway | 1011·7 | 0 | SW | 3 | bc· | 54 | 85 | 7 | 4000 | Cu | 5 | · | 5 | • |
| Wick | 1011·6 | +1 | W | 2 | o+ | 51 | 85 | 8 | 2500 | CuNb | 7 | Ci | 9 | • |
| Castlebay | 1011·2 | -1 | SE | 3 | or₀r₀ | 52 | 92 | 6 | 800 | Nb | 10 | [illegible] | 10 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1013·0 | -1 | • | 0 | o+ | 56 | 65 | 7 | 4000 | StCu | 9 | • | 9 | • |
| Malin Head | 1010·4 | -2 | S | 3 | or | 55 | 92 | 6 | 1500 | Nb | 10 | · | 10 | • |
| Renfrew | 1013·7 | -2 | SW | 2 | or₀ | 53 | 92 | 6 | 1500 | St | 10 | - | 10 | • |
| Edinburgh (Inchkeith) | 1013·6 | -1 | - | 0 | mo+ | 51 | 85 | 6 | - | St | 2 | ASt | 10 | • |
| Leuchars | 1013·6 | -1 | S | 1 | o | 52 | 85 | 7 | 2500 | StCu | 9 | ACu | 10 | • |
| Eskdalemuir | 1014·6 | -1 | SW | 4 | od₀ | 52 | 97 | 4 | 800 | Nb | 10 | · | 10 | • |
| Tynemouth | 1015·0 | -1 | - | 0 | o/f | 55 | 92 | 4 | 4000 | StCu | 10 | · | 10 | • |
| Blacksod Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Donaghadee | 1014·8 | -1 | SW | 1 | or₀r₀ | 54 | 92 | 7 | 2500 | St | 10 | · | 10 | • |
| Birr Castle | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown | 1014·9 | -2 | SE | 1 | o/r | 57 | 92 | 5 | 1500 | St | 10 | · | 10 | • |
| Holyhead | 1015·8 | -1 | S | 3 | or₀r₀ | 55 | 97 | 6 | 450 | StCu | 10 | - | 10 | • |
| Liverpool (Bidston) | 1016·0 | -1 | SW | 1 | o | 56 | 75 | 7 | 1500 | St | 10 | - | 10 | • |
| Chester (Shotwick) | 1016·4 | -1 | SW | 3 | od₀ | 56 | 65 | 8 | 4000 | StCu | 5 | ASt | 10 | • |
| Spurn Head | 1016·5 | 0 | SSE | 2 | o | 61 | 85 | 5 | 4000 | Cu | 10 | · | 10 | • |
| Nottingham | 1016·6 | • | W | 3 | o | 60 | 65 | 6 | 1500 | Nb | 7 | CiSt | 10 | • |
| Cranwell | 1017·5 | 0 | SW'S | 3 | o | 60 | 65 | 6 | 5700 | St | 3 | ACu | 10 | • |
| Gorleston | 1017·8 | 0 | SSE | 3 | bc | 60 | 75 | 6 | - | - | 0 | CiCu | 5 | • |
| Valencia (Cahirciveen) | 1016·6 | -3 | ESE | 2 | bdf | 59 | 92 | 8 | - | Cu | 4 | · | 4 | • |
| Roches Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1017·2 | -1 | SSW | 3 | o | 56 | 85 | 8 | 2500 | St | 10 | - | 10 | • |
| Ross-on-Wye | 1016·9 | -1 | SW | 2 | o⊕ | 61 | 75 | 7 | 4000 | Cu | 1 | CiSt | 9 | • |
| Benson | 1017·5 | -1 | SSW | 2 | o | 59 | 75 | 7 | • | StCu | 5 | ASt | 10 | • |
| Andover | 1017·8 | 0 | SSW | 2 | o | 61 | 85 | 6 | 1500 | StCu | 10 | - | 10 | • |
| S. Farnborough | 1017·8 | 0 | SW | 2 | o- | 62 | 75 | 7 | 2500 | StCu | 3 | ACu | 10 | • |
| London (Kew Obsy.) | 1018·0 | -2 | WSW | 1 | o | 61 | 75 | 6 | - | · | 0 | ASt | 10 | • |
| Croydon | 1018·0 | -1 | SW'S | 2 | o | 60 | 75 | 7 | 7200 | StCu | 7 | ACu | 10 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1018·2 | 0 | WSW | 1 | c+ | 61 | 75 | 6 | - | St | 6 | CiCu | 8 | • |
| Grain | 1017·9 | -1 | SSW | 2 | c+ | 62 | 75 | 7 | - | · | 0 | ACu | 8 | • |
| Lympne | 1018·4 | -1 | SW | 2 | o+ | 60 | 85 | 6 | 2500 | StCu | 4 | ACu | 9 | • |
| Scilly (St. Mary's) | 1017·3 | 0 | SSW | 2 | FFo | 58 | 97 | 2 | 1500 | St | 10 | - | 10 | • |
| Falmouth (Pendennis) | 1018·1 | -1 | SSW | 3 | ifo | 59 | 92 | 3 | 2500 | St | 10 | · | 10 | • |
| Plymouth (Cattewater) | 1018·5 | +1 | S | 1 | mmo | 58 | 97 | 4 | 450 | St | 10 | - | 10 | • |
| Portland Bill | 1018·7 | +1 | SSW | 2 | o | 59 | 85 | 7 | 450 | St | 10 | - | 10 | • |
| Southampton (Calshot) | 1018·5 | 0 | SW | 3 | c- | 61 | 85 | 8 | 4000 | StCu | 3 | ACu | 8 | • |
| Dungeness | 1018·4 | 0 | SW | 2 | o/f | 61 | 85 | 6 | - | · | 0 | CiCu | 10 | • |
| Jersey | 1018·7 | 0 | W | 3 | o/r | 62 | 85 | 8 | 2500 | StCu | 10 | — | 10 | • |

**Observations at 1800 G.M.T. 3rd**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility§ 0-9 | Height of Low Cloud Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1012·7 | +2 | NNE | 2 | bc | 45 | 75 | 7 | 4000 | StCu | 3 | ACu | 5 | 1 |
| Stornoway | 1010·0 | -2 | - | 0 | o+ | 51 | 85 | 6 | 800 | St | 10 | · | 10 | 0 |
| Wick | 1011·6 | 0 | NNW | 1 | o | 47 | 97 | 8 | 4000 | Cu | 2 | Ci | 10 | 0 |
| Castlebay | 1008·0 | -2 | E | 4 | oRR | 53 | 97 | 6 | 450 | Nb | 10 | - | 10 | 0 |
| Nairn | 1011·2 | • | E | 1 | c | 52 | 75 | 8 | 1500 | StCu | 8 | - | 8 | • |
| Aberdeen | 1012·6 | 0 | - | 0 | o+ | 53 | 85 | 4 | 4000 | StCu | 10 | · | 10 | 0 |
| Malin Head | 1007·7 | -3 | S | 4 | oD· | 56 | 92 | 6 | 800 | St | 10 | · | 10 | 3 |
| Renfrew | 1011·8 | -2 | SW | 2 | orr | 53 | 97 | 5 | 800 | Nb | 10 | · | 10 | • |
| Edinburgh (Inchkeith) | 1012·0 | -1 | SW | 1 | or₀r₀ | 51 | 97 | 5 | • | Nb | 10 | · | 10 | 1 |
| Leuchars | 1012·2 | -1 | - | 0 | orr₀ | 50 | 97 | 6 | 1500 | Nb | 10 | - | 10 | • |
| Eskdalemuir | 1013·1 | -1 | SW'S | 3 | od₀ | 50 | 97 | 4 | 450 | Nb | 10 | - | 10 | • |
| Tynemouth | 1013·9 | -1 | - | 0 | odd₀ | 54 | 85 | 4 | 4000 | Nb | 10 | · | 10 | 0 |
| Blacksod Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Donaghadee | 1013·4 | -1 | SW | 1 | o/r | 55 | 92 | 7 | 2500 | St | 10 | · | 10 | 0 |
| Birr Castle | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown | 1013·3 | -2 | S | 3 | o | 58 | 85 | 7 | 4000 | StCu | 10 | · | 10 | • |
| Holyhead | 1014·1 | -3 | S'E | 2 | o | 57 | 97 | 5 | 450 | St | 10 | - | 10 | 1 |
| Liverpool (Bidston) | 1014·7 | -1 | SSE | 2 | o/r | 52 | 92 | 8 | 1500 | Nb | 10 | · | 10 | 2 |
| Chester (Shotwick) | 1014·8 | -2 | SE | 2 | o | 54 | 85 | 7 | 5700 | StCu | 10 | · | 10 | • |
| Spurn Head | 1015·2 | -1 | WSW | 2 | opr₀ | 56 | 97 | 6 | 4000 | StCu | 10 | · | 10 | 2 |
| Nottingham | 1015·9 | • | SSW | 1 | o | 54 | 85 | 5 | 1500 | Nb | 10 | - | 10 | • |
| Cranwell | 1016·9 | 0 | SW'S | 3 | od₀ | 54 | 75 | 6 | 7200 | StCu | 5 | ASt | 10 | • |
| Gorleston | 1017·3 | 0 | SW | 2 | o+ | 58 | 75 | 5 | 5700 | StCu | 10 | · | 10 | 0 |
| Valencia (Cahirciveen) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Roches Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1015·8 | -2 | SW | 4 | FFo | 55 | 97 | 2 | <150 | St | 10 | · | 10 | 3 |
| Ross-on-Wye | 1016·3 | -1 | SSW | 1 | o+ | 57 | 92 | 7 | 2500 | StCu | 8 | Ci | 9 | • |
| Benson | 1016·7 | -1 | SW | 1 | o | 59 | 85 | 7 | • | St | 10 | · | 10 | • |
| Andover | 1017·4 | 0 | SW | 2 | o | 58 | 92 | 5 | 1500 | StCu | 10 | · | 10 | • |
| S. Farnborough | 1017·3 | 0 | SW | 1 | mo+ | 58 | 92 | 6 | 5700 | StCu | 10 | · | 10 | • |
| London (Kew Obsy.) | 1017·0 | -1 | SSW | 2 | c- | 59 | 85 | 5 | - | · | 0 | ACu | 8 | • |
| Croydon | 1017·6 | -1 | S'W | 2 | o | 58 | 85 | 6 | 2500 | StCu | 10 | - | 10 | • |
| Clacton-on-Sea | 1017·1 | 0 | SSW | 1 | od₀ | 58 | 85 | 4 | 2500 | St | 5 | ASt | 10 | 0 |
| Shoeburyness | 1017·5 | -1 | - | 0 | o+ | 56 | 85 | 7 | 5700 | StCu | 9 | · | 9 | • |
| Grain | 1017·6 | 0 | S | 2 | o | 58 | 85 | 6 | 5700 | StCu | 2 | ASt | 9 | 0 |
| Lympne | 1018·2 | 0 | SW | 1 | o | 55 | 97 | 6 | 5700 | StCu | 3 | ACu | 9 | • |
| Scilly (St. Mary's) | 1016·5 | -1 | SW | 2 | FFo | 56 | 97 | 2 | 450 | St | 10 | · | 10 | 3 |
| Falmouth (Pendennis) | 1017·1 | -2 | SW | 3 | od₀ | 56 | 97 | 4 | 1500 | St | 10 | · | 10 | 0 |
| Plymouth (Cattewater) | 1017·7 | 0 | SW | 3 | odd | 56 | 97 | 5 | <150 | Nb | 10 | · | 10 | 0 |
| Portland Bill | 1017·8 | -2 | SW | 4 | o | 58 | 85 | 6 | 460 | St | 10 | · | 10 | 3 |
| Southampton (Calshot) | 1017·5 | -1 | SW | 3 | o/r | 59 | 92 | 6 | 1500 | St | 10 | · | 10 | 0 |
| Dungeness | 1018·1 | 0 | SW | 3 | c+ | 59 | 85 | 7 | 2500 | StCu | 8 | · | 8 | 3 |
| Jersey | 1018·7 | 0 | W | 3 | c | 60 | 92 | 8 | - | — | 0 | ACu | 8 | 2 |

**London Observations** — 24 Hours ended 0900 G.M.T. 4th (Sunshine and Humidity 15h.: Yesterday; Humidity 9h.: To-day)

| London Observations | Weather Morning | Weather Afternoon | Weather Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | cmisca | ozcwm | cocmd | • | • | 55 | - | - | 0·9 | • | • |
| Croydon (24 hours ended 0700) | om⊕ | oom | omod₀ | • | • | 47 | - | Tr. | 1·7 | • | • |
| Greenwich (Royal Obsy.) | co | oc | bcojp | 65 | 55 | 48 | - | - | 2·0 | 71 | 81 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 0·6 | • | • |
| Westminster (St. James' Pk.) | coc | co | ⊕ | 63 | 56 | • | - | - | 0·8 | 68 | 80 |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 0·7 | • | • |
| Camden Square | bmms | o | • | 68 | 53 | 50 | - | - | • | • | 83 |
| Kensington Palace | bcoc | c | ⊕ | 63 | 56 | 51 | - | - | • | 79(18h) | 83 |
| Hampstead Observatory | co | bc | • | 61 | 54 | 48 | - | - | 1·7 | • | 88 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 3rd

South Kensington

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1·0 / 1·0 | 13–24h. 2nd / 8h. 3rd | 0·3 | 00h. to 5h. 3rd |

Kew Observatory

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1·0 / 1·0 | 13h. 2nd / 8h. 3rd | <0·3 | 4h. 3rd |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..—.. joules

Average Rate ..—.. Milliwatts.

Maximum Rate ..—.. Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 3rd 18 h. 30 m. to 4th 05 h. 15 m.

| Stars. | Exposure h. m. | Record h. m. | Record % |
|---|---|---|---|
| Polaris | 10 45 | 3.00 | 28 |
| δ Ursae Minoris | 10.45 | 1.53 | 18 |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | - | - | - | - |
| 18h. | • | - | - | - |
| 01h. | - | - | - | - |
| 07h. | - | - | - | - |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.**

4th + 5th October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.0 / 6.2 | 11.42 / 11.42 | 5.23 / 5.21 |
| Greenwich | 6.7 / 6.9 | 11.49 / 11.49 | 5.31 / 5.29 |
| Wick | 6.26 / 6.28 | 12.1 / 12.1 | 5.36 / 5.34 |
| Valencia | 6.47 / 6.49 | 12.30 / 12.30 | 6.12 / 6.10 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, „ 200—1000 m.
F thick fog „ less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—

R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**

0=no swell, 1=mod. swell, 2=heavy swell — Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell — Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

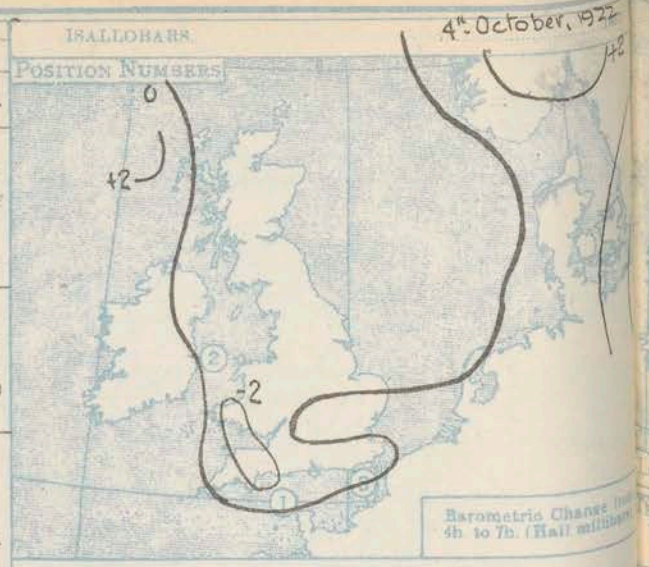
| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.–18h. 3rd | WEATHER. 18h.–18h. 3rd | WEATHER. 18h. 3rd to 1h. 4th | WEATHER. 1h.–7h. 4th | TEMPERATURE. MAX. Day. 7h.–18h. | TEMPERATURE. MIN. Night. 18h.–7h. | TEMPERATURE. MIN. on GRASS | RAINFALL. Day. 7h.–18h. mm. | RAINFALL. Night. 18h.–7h. mm. | RAINFALL. Precipitation began. | RAINFALL. Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | cqp | bc | bc | bc | 51 | 39 | • | 1 | — | <0800 | — | • |
| Stornoway | c | c | r | rro | 55 | 49 | • | - | 12 | - | — | 4.3 |
| Wick | oo | oo | oirₒ | orrmq | 53 | 46 | • | - | 5 | - | 24.00 | • |
| Castlebay | orₒr | rₒRr | Rrₒ | rₒop | 52 | 53 | • | 4 | 13 | 0900 | <2100 | 0.0 |
| Nairn | bccq | cq | cRq | crq | 56 | 48 | • | - | 12 | — | <2100 | 5.0 |
| Aberdeen | bbco | com | mR R | RRm | 57 | 49 | 48 | - | 14 | — | <2100 | 5.6 |
| Malin Head | mrr | cdd | oidcor | c | 56 | 55 | • | 7 | 2 | <0800 | <2100 | 0.0 |
| Renfrew | ofmirₒ | orₒrrm | omrrh | omirₒ | 54 | 52 | 52 | 3 | 7 | <0800 | <2100 | 0.0 |
| Edinburgh (Inchkeith) | mm | r-dm | form | c | 52 | 51 | 50 | 2 | 6 | 1530 | 01.30 | 0.5 |
| Leuchars | oo | r-d | r | r | 53 | 50 | 47 | 1 | 10 | 1630 | <2100 | 0.4 |
| Eskdalemuir | oidₒm | oidₒm | odm | odm | 52 | 50 | 50 | 2 | 9 | <0800 | <2100 | 0.0 |
| Tynemouth | ffm | mdₒ | oirirm | orrₒm | 53 | 51 | 49 | 0.5 | 3 | 1330 | <2100 | • |
| Blacksod Point | | | | | | | • | | | | | • |
| Donaghadee | rₒrₒ | omr | iₒ | idₒ | 55 | 55 | • | 2 | 0.4 | <0800 | <2100 | • |
| Birr Castle | | | | | | | | | | | | |
| Collinstown | orₒrₒm | oo | oo | bbc | 54 | 51 | • | 2 | — | <0800 | — | 0.2 |
| Holyhead | ourₒrₒm | orₒrₒm | orₒdo | ooidₒ | 57 | 55 | 53 | 1 | 0.5 | 1100 | <2100 | 0.0 |
| Liverpool (Bidston) | oo | r-d | o | o | 58 | 51 | 47 | 1 | — | 1530 | — | 0.0 |
| Chester (Shotwick) | omdₒ | oprₒ | opₒm | opₒmo | 58 | 53 | 46 | trace | 0.1 | 1230 | <2100 | • |
| Spurn Head | oo | oo | o | o | 62 | 52 | • | trace | 0.2 | 1730 | <2100 | 3.0 |
| Nottingham | r-d | oopₒ | oc | c | 62 | 53 | 51 | trace | — | 1230 | — | 2.2 |
| Cranwell | cm | odₒm | omo | omocm | 62 | 51 | 49 | trace | — | 1530 | — | 2.1 |
| Gorleston | bcmm | bccom | omdco | oc | 61 | 53 | 51 | - | trace | - | <2100 | 6.3 |
| Valencia (Cahirciveen) | cc | | odm | | | | | | | | | |
| Roches Point | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | oo | oaffd | o | ocffd | 58 | 55 | • | - | 0.3 | - | 03.30 | 0.0 |
| Ross-on-Wye | mopco | oc | oco | o | 61 | 55 | 52 | - | — | - | — | 0.4 |
| Benson | oₒ | o | co | o | 61 | 51 | 43 | - | — | - | — | • |
| Andover | om | o | om | o | 62 | 54 | 48 | - | — | - | — | 0.4 |
| S. Farnborough | ofrₒo | oom | ocm | orₒo | 63 | 54 | 50 | trace | 0.1 | 0900 | 05.30 | 0.1 |
| London (Kew Obsy.) | cimrez | ozcwm | ocscmb | cmcobc | 63 | 56 | 53 | - | — | - | — | 0.9 |
| Croydon | omzz⊕ | oom | om | oodₒo | 63 | 54 | 47 | - | trace | . | 04.30 | 1.7 |
| Clacton-on-Sea | bccm | corm | ocm | cm3 | 63 | 55 | 52 | trace | - | 1630 | - | 3.4 |
| Shoeburyness | c | co | om | o | 65 | 53 | 50 | - | — | - | — | 4.0 |
| Grain | ofbcc | com | oidₒ | ocbco | 63 | 52 | 47 | - | trace | - | — | 2.4 |
| Lympne | ommc⊕ | omm | om | om | 61 | 55 | 52 | - | trace | - | - | 2.1 |
| Scilly (St. Mary's) | offe | ffe | o | ffodd | 59 | 55 | • | 0.1 | 1 | <0800 | 0230 | 0.4 |
| Falmouth (Pendennis) | of | ofd | omdf | | 60 | 56 | • | 0.1 | 0.4 | 1430 | <2100 | 0.5 |
| Plymouth (Cattewater) | F | odme | odc | odam | 59 | 55 | 55 | 0.2 | 0.5 | <0800 | <2100 | 0.0 |
| Portland Bill | oo | oo | ro | o | 61 | 55 | • | • | 0.4 | • | <2100 | • |
| Southampton (Calshot) | oo | oidₒ | oidₒ | f | 63 | 56 | 55 | trace | 0.3 | 1530 | <2100 | 1.6 |
| Dungeness | f-m | c | o | f | 62 | 57 | • | - | trace | - | 2200 | • |
| Jersey | odₒco | oco | F | o | 63 | 57 | • | trace | — | 0900 | - | 0.7 |




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 2. | 3rd 10h | Anglia | E | 5 | od | 55 | 56 |
| 3. | 4th 2h | Arundel | W | 2 | bc+ | 59 | 59 |
| 1 | 3rd 12h | Reindeer | NE | 2 | imo | 60 | 59 |

GENERAL INFERENCE.

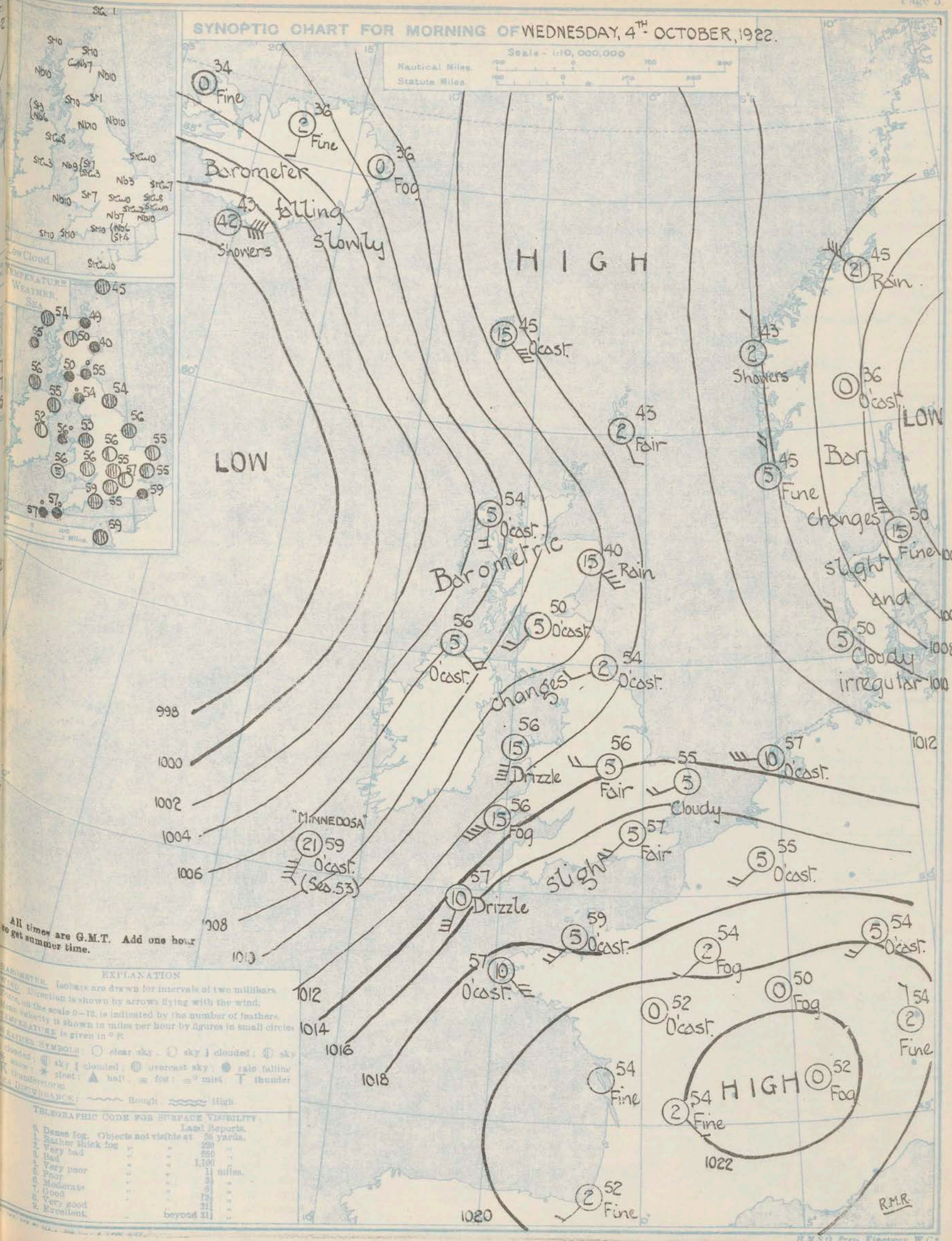
The Atlantic depression continue its northeastward movement and will maintain southwesterly to westerly winds generally with unsettled weather and further ra or showers in most districts but considerable fair intervals are probable in the southeastern districts of England.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 4th. October 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands | Wind southwesterly to westerly, light or moderate; considerable fair intervals, risk of occasional light rain or drizzle; day visibility mainly good; mild. | Uncertain for the Southeast of England; unsettled in other districts. |
| 5. S.W. England<br>6. South Wales | Wind southwesterly to westerly, light or moderate; cloudy, occasional light rain or drizzle; coastal mist or fog; mild. | |
| 7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England<br>11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides | Wind S to SW, veering, light to moderate, fresh at times; cloudy, occasional rain or drizzle; visibility mainly moderate or good, but mist in places; moderate temperature, | |
| 16. Orkneys and Shetlands | Wind SE to S, veering, light or moderate, fresh at times; occasional rain or drizzle; some mist; moderate temperature. | |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | As 7 - 15. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 GMT. G. C. Simpson, F.R.S., Director.

* For Code see opposite page.

# SYNOPTIC CHART FOR MORNING OF WEDNESDAY, 4TH OCTOBER, 1922.




All times are G.M.T. Add one hour to get summer time.

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0—12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in ° F.
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA DISTURBANCE: Rough; High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

| | | Land Reports. |
|---|---|---|
| 0. Dense fog. | Objects not visible at | 55 yards. |
| 1. Rather thick fog | " " | 220 " |
| 2. Very bad | " " | 550 " |
| 3. Bad | " " | 1,100 " |
| 4. Very poor | " " | 1¼ miles. |
| 5. Poor | " " | 2½ " |
| 6. Moderate | " " | 5 " |
| 7. Good | " " | 12 " |
| 8. Very good | " " | 31 " |
| 9. Excellent. | beyond | 31 " |

H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:



BRITISH SECTION... Wednesday, 4th October ..... 1922. No. 277.

Observations at 0100 G.M.T. ..... 4th .....

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1013.4 | 0 | E | 2 | b⁻ | 43 | 75 | 7 | – | – | 0 | ACu | 2 | • |
| Stornoway ... ... | 1007.3 | -4 | E | 4 | o/r | • | • | 4 | • | • | • | • | • | • |
| Wick ... ... ... | 1010.1 | -2 | ESE | 3 | o/c | 50 | 92 | 8 | 2500 | CuNb | 2 | ASt | 10 | • |
| Castlebay ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head ... ... | 1006.2 | 0 | SSW | 4 | o/r | 58 | 92 | 7 | 5700 | Nb | 7 | ACu | 9 | • |
| Renfrew ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1009.8 | -3 | SE | 1 | o/c | 52 | 97 | 8 | – | Nb | 10 | – | 10 | • |
| Leuchars ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth ... ... | 1011.8 | -2 | – | 0 | o+ | 51 | 97 | 5 | 4000 | Nb | 10 | – | 10 | • |
| Blacksod Point ... | | | | | | | | | | | | | | • |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | 1011.7 | -2 | S | 4 | c⁻ | 57 | 92 | 8 | 2500 | StCu | 6 | ASt | 8 | • |
| Holyhead ... ... | 1011.9 | -1 | S | 4 | o/r | 57 | 97 | 8 | 1500 | StCu | 10 | – | 10 | • |
| Liverpool (Bidston) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head ... ... | 1014.0 | -1 | WSW | 1 | 0 | 54 | 85 | 8 | 1500 | St | 10 | – | 10 | • |
| Nottingham ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell ... ... | 1015.0 | -1 | SW'W | 3 | 0 | 56 | 92 | 7 | 4000 | StCu | 10 | – | 10 | • |
| Gorleston ... ... | 1016.1 | -1 | WSW | 2 | 0 | 55 | 97 | 6 | 5700 | StCu | 10 | – | 10 | • |
| Valencia (Cahirciveen) | 1011.3 | +1 | SE | 3 | od | 57 | 97 | 5 | – | – | 0 | ASt | 10 | • |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1015.0 | -1 | SW | 4 | 0 | 56 | 92 | 8 | 1500 | St | 10 | – | 10 | • |
| Ross-on-Wye ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.) ... | • | • | • | • | • | 57 | • | • | • | • | • | • | • | • |
| Croydon ... ... | 1017.3 | 0 | SW'W | 3 | 0 | 56 | 92 | 7 | 1500 | StCu | 9 | ACu | 10 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne ... ... | 1017.6 | -1 | SW | 2 | 0 | 56 | 92 | 6 | 2500 | St | 10 | – | 10 | • |
| Scilly (St. Mary's) ... | 1016.2 | 0 | SW | 2 | 0 | 57 | 97 | 7 | 4000 | StCu | 10 | – | 10 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1017.8 | 0 | WSW | 4 | o/r | 56 | 85 | 7 | 4500 | St | 10 | – | 10 | • |
| Southampton (Calshot) | 1017.4 | -1 | WSW | 2 | od | 57 | 97 | 7 | 1500 | St | 10 | – | 10 | • |
| Dungeness ... ... | 1017.6 | -1 | W | 3 | od | 58 | 97 | 8 | 2500 | Nb | 10 | – | 10 | • |
| Jersey (7h) ... ... / Guernsey (1h) | 1020.0 | 0 | W'S | 3 | o/m | 57 | 97 | 8 | 1500 | St | 10 | – | 10 | • |

Observations at 0700 G.M.T. ..... 4th .....

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1012.8 | -1 | SE | 1 | bc | 43 | 75 | 8 | 5700 | StCu | 1 | Ci | 4 | 0 |
| Stornoway ... ... | 1005.0 | +2 | S | 2 | o/r | 54 | 92 | 5 | 800 | St | 10 | – | 10 | 1 |
| Wick ... ... ... | 1008.1 | -1 | SE | 7 | ovr | 49 | 97 | 5 | 450 | St | 10 | – | 10 | 6 |
| Castlebay ... ... | 1005.7 | 0 | SW | 4 | obr | 55 | 97 | 6 | 800 | Nb | 10 | – | 10 | 4 |
| Nairn ... ... ... | 1006.7 | • | – | 0 | o/r | 50 | 97 | 8 | 4000 | CuNb | 7 | – | 7 | • |
| Aberdeen ... ... | 1003.5 | -1 | SE | 4 | o/r | 50 | 97 | 6 | 1500 | Nb | 10 | – | 10 | 0 |
| Malin Head ... ... | 1006.3 | 0 | SE | 2 | o | 56 | 92 | 7 | 1500 | Nb | 9 | – | 9 | 3 |
| Renfrew ... ... | 1008.7 | 0 | SW | 2 | o/r | 56 | 97 | 5 | 450 | St | 10 | – | 10 | • |
| Edinburgh (Inchkeith) | 1008.4 | -2 | W | 3 | od | 55 | 92 | 7 | – | St | 1 | ASt | 10 | 1 |
| Leuchars ... ... | 1008.2 | -1 | – | 0 | o | 52 | 97 | 7 | 800 | St | 10 | – | 10 | • |
| Eskdalemuir ... ... | 1010.0 | 0 | SSW | 4 | odg | 54 | 97 | 6 | 800 | Nb | 10 | – | 10 | • |
| Tynemouth ... ... | 1010.6 | -1 | SW | 1 | o/r | 54 | 97 | 4 | 4000 | Nb | 10 | – | 10 | 0 |
| Blacksod Point ... | 1010.7 | -1 | – | 0 | c⁻ | 55 | 97 | 7 | 5700 | StCu | 8 | – | 8 | 0 |
| Donaghadee ... ... | • | | | | | | | | | | | | | • |
| Birr Castle ... ... | 1011.2 | 0 | – | 0 | bc | 52 | 92 | 7 | 4000 | StCu | 3 | Ci | 4 | • |
| Collinstown ... ... | 1011.5 | 0 | SSW | 4 | od | 56 | 97 | 7 | 450 | Nb | 9 | ASt | 10 | 1 |
| Holyhead ... ... | 1011.6 | -1 | S'W | 1 | o | 53 | 92 | 7 | 1500 | St | 10 | – | 10 | 2 |
| Liverpool (Bidston) ... | 1012.3 | 0 | S | 2 | o | 57 | 85 | 8 | 4150 | St | 8 | CiCu | 9 | • |
| Chester (Shotwick) ... | | | | | | | | | | | | | | |
| Spurn Head ... ... | 1012.6 | -1 | WSW | 2 | o | 56 | 92 | 5 | 4000 | StCu | 10 | – | 10 | 2 |
| Nottingham ... ... | 1013.1 | • | W | 2 | bc | 56 | 92 | 6 | 1500 | Nb | 3 | ACu | 6 | • |
| Cranwell ... ... | 1014.1 | -1 | SW'W | 3 | c | 54 | 92 | 6 | 4000 | StCu | 3 | ACu | 8 | • |
| Gorleston ... ... | 1015.5 | -1 | W'S | 2 | c⁻ | 55 | 92 | 7 | 5700 | StCu | 7 | – | 7 | 0 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | 1013.7 | -2 | SW | 4 | fo | 56 | 92 | 8 | 4150 | Nb | 10 | – | 10 | 4 |
| Pembroke (St. Ann's H.) | 1014.6 | 0 | SW | 3 | o⊕ | 56 | 85 | 7 | 2500 | St | 7 | Ci | 9 | • |
| Ross-on-Wye ... | 1015.0 | +1 | SSW | 2 | | 55 | 92 | 8 | – | StCu | 10 | – | 10 | • |
| Benson ... ... | 1016.0 | 0 | SSW | 2 | o | 55 | 97 | 6 | 1500 | St | 10 | – | 10 | • |
| Andover ... ... | 1016.0 | -1 | SW | 1 | o⁻ | 55 | 97 | 8 | 2500 | Nb | 7 | ASt | 10 | • |
| S. Farnborough ... | 1016.2 | 0 | SW | 2 | bc⁻ | 57 | 85 | 6 | 2500 | StCu | 7 | CiCu | 5 | • |
| London (Kew Obsy.) ... | 1016.4 | +1 | SSW | 3 | c⁻ | 56 | 92 | 7 | 1500 | St | 7 | CiCu | 8 | • |
| Croydon ... ... | 1015.4 | 0 | WSW | 3 | c | 55 | 97 | 6 | 7200 | StCu | 8 | – | 8 | 0 |
| Clacton-on-Sea ... | 1015.7 | -1 | SW | 1 | ms⁻ | 57 | 85 | 8 | 5700 | StCu | 10 | – | 10 | 0 |
| Shoeburyness ... ... | 1016.1 | -1 | SW | 3 | od | 57 | 97 | 8 | 1500 | St | 10 | – | 10 | 0 |
| Grain ... ... ... | 1016.6 | 0 | SSW | 2 | od | 56 | 97 | 8 | 4150 | Nb | 10 | – | 10 | • |
| Lympne ... ... | 1014.7 | 0 | S'W | 3 | odf | 57 | 97 | 2 | 1500 | St | 10 | – | 10 | 4 |
| Scilly (St. Mary's) ... | 1015.5 | -2 | SW | 3 | od | 57 | 92 | 2 | 1500 | St | 10 | – | 10 | 0 |
| Falmouth (Pendennis) | 1016.1 | +2 | – | 0 | o⁻ | 58 | 92 | 8 | 1500 | St | 10 | – | 10 | 1 |
| Plymouth (Cattewater) | 1016.1 | -2 | WSW | 4 | o | 59 | 85 | 6 | 450 | St | 10 | – | 10 | 4 |
| Portland Bill ... ... | 1016.4 | -1 | SW'W | 3 | o/r | 58 | 92 | 8 | 1500 | Nb | 10 | – | 10 | 0 |
| Southampton (Calshot) | 1016.7 | -2 | WSW | 2 | od | 59 | 97 | 7 | 2500 | Nb | 10 | – | 10 | 2 |
| Dungeness ... ... | 1017.6 | 0 | SW | 2 | o | 59 | 85 | 8 | 2500 | StCu | 10 | – | 10 | 0 |
| Jersey (7h) ... ... / Guernsey (1h) | | | | | | | | | | | | | | |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR ... Tuesday, 3rd .....

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 2nd | Temperature. Max. Day. 3rd | Rainfall.† Night 17h.-9h. 2nd-3rd | Rainfall.† Day 9h.-17h. 3rd | Sunshine. Sunrise to 17h. 3rd | Sunshine. Sunrise to Sunset. 2nd |
|---|---|---|---|---|---|---|---|---|
| | | | °F. | °F. | mm. | mm. | hr. | hr. |
| Banff ... ... | bc | bcc | 43 | 57 | - | - | 6.0 | 8.3 |
| Montrose ... ... | - | - | 42 | 56 | - | - | 3.5 | 8.6 |
| Llandudno ... | do | ro | 46 | 58 | - | - | 0.0 | 1.8 |
| Colwyn Bay ... | cd | dc | 51 | 58 | - | 1 | 0.0 | 1.5 |
| Rhyl ... ... | c | cp | 47 | 57 | - | 0.3 | 0.0 | 2.3 |
| Southport ... ... | o | or | 49 | 57 | - | 2 | 0.0 | 1.3 |
| Blackpool ... ... | po | ro | 52 | 57 | 1 | 2 | 0.0 | 1.8 |
| Harrogate ... ... | o | o | 47 | 56 | - | - | 0.0 | 1.6 |
| Skegness ... ... | mwbfo | bbco | 46 | 59 | - | - | 4.0 | 2.5 |
| Aberystwyth ... | oc | co | 48 | 61 | - | - | 0.0 | 6.0 |
| Bath ... ... | mbco | co | 50 | 63 | - | - | 0.4 | 8.0 |
| Leamington Spa ... | bc | c | 43 | 60 | - | - | 1.3 | 3.5 |
| Lowestoft ... ... | b | bcof | 48 | 61 | - | - | 6.2 | 3.2 |
| Felixstowe ... ... | omoc | cmomd | 49 | 62 | - | - | 4.2 | 4.1 |
| Southend ... ... | bcm | bcc | 50 | 66 | - | ? | 3.1 | 0.3 |

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 2nd | Temperature. Max. Day. 3rd | Rainfall.‡ Night 17h.-9h. 2nd-3rd | Rainfall.‡ Day 9h.-17h. 3rd | Sunshine. Sunrise to 17h. 3rd | Sunshine. Sunrise to Sunset. 2nd |
|---|---|---|---|---|---|---|---|---|
| | | | °F. | °F. | mm. | mm. | hr. | hr. |
| Paignton ... ... | odf | odo | 45 | 62 | 0.3 | Trace | 0.1 | 8.5 |
| Ilfracombe ... ... | co | o | 53 | 63 | - | - | 1.5 | 8.3 |
| Bude ... ... | wooc | cbcbc | 53 | 67 | - | - | 2.7 | 7.5 |
| Penzance ... ... | omf | ofd | 54 | 59 | 0.3 | - | 0.0 | 3.7 |
| Falmouth Observatory | omc | od | 54 | 61 | 0.3 | - | 0.0 | 2.8 |
| Torquay ... ... | c | bc | 54 | 62 | - | - | 0.4 | 9.0 |
| Weymouth ... ... | bc | bcc | 53 | 64 | - | - | 1.7 | 6.8 |
| Bournemouth ... | bebo | o | 49 | 62 | - | - | 1.6 | 2.8 |
| Portsmouth (S'thsea) | o | o | 52 | 63 | - | - | 0.2 | 7.5 |
| Worthing ... ... | obc | bco | 51 | 61 | - | - | 0.7 | 9.1 |
| Brighton ... ... | c | co | 52 | 61 | - | - | 1.3 | 7.9 |
| Eastbourne ... ... | o | oc | 52 | 62 | - | - | 1.2 | 5.1 |
| Hastings ... ... | oc | cbcc | 53 | 62 | - | - | 0.7 | 4.3 |
| Folkestone ... ... | bc | o | 51 | 64 | - | - | 1.0 | 1.9 |
| Tunbridge Wells ... | oco | oco | 49 | 64 | - | - | 2.0 | 4.7 |
| Ramsgate ... ... | mbcb | bbco | 59 | 65 | 1 | - | 4.2 | 0.9 |
| Margate ... ... | obcb | bco | 51 | 62 | - | - | 3.9 | 0.7 |
| Deal ... ... ... | acbc | bccm | 50 | 65 | - | - | 3.7 | 0.1 |

* Information for these columns not usually received.

† Trace = rain has fallen, but amount less than 0·1 mm.

‡ See footnote page 1.

§ For code see page 2.

AIR MINISTRY.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22232 Thursday, 5th October, 1922. 

Observations at 1300 G.M.T. 4th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1013·3 | 0 | SSE | 2 | bc | 48 | 75 | 8 | 4000 | StCu | 3 | CiCu | 5 | • |
| Stornoway | 1005·5 | 0 | S | 2 | od,$d_0$ | 56 | 97 | 5 | 800 | St | 10 | – | 10 | • |
| Wick | 1008·9 | 0 | SE | 7 | o/r | 51 | 97 | 8 | 800 | St | 10 | – | 10 | • |
| Castlebay | 1006·5 | 0 | ESE | 4 | mmo | 55 | 97 | 6 | 800 | St | 10 | – | 10 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1009·7 | 0 | SE | 3 | o | 53 | 97 | 5 | 1500 | St | 10 | – | 10 | • |
| Malin Head | 1006·0 | −1 | S | 3 | c | 63 | 75 | 7 | 4000 | StCu | 7 | – | 7 | • |
| Renfrew | 1009·3 | 0 | SW | 3 | bc | 63 | 65 | 8 | 5700 | StCu | 2 | Ci | 6 | • |
| Edinburgh (Inchkeith) | 1009·2 | 0 | – | 0 | mmo | 60 | 85 | 5 | – | StCu | 10 | – | 10 | • |
| Leuchars | 1009·3 | +1 | SW | 2 | o | 61 | 85 | 7 | 4000 | StCu | 9 | – | 9 | • |
| Eskdalemuir | 1010·4 | 0 | SW | 4 | o | 57 | 85 | 8 | 1500 | StCu | 10 | – | 10 | • |
| Tynemouth | 1010·5 | 0 | – | 0 | e | 62 | 85 | 6 | 4000 | Nb | 8 | – | 8 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1010·2 | 0 | S | 1 | bc− | 61 | 85 | 8 | – | – | 0 | ACu | 5 | • |
| Birr Castle | | • | | | | | | | | | | | | • |
| Collinstown | 1010·4 | −2 | SW | 1 | bc | 66 | 75 | 8 | 2500 | StCu | 4 | ACu | 5 | • |
| Holyhead | 1011·4 | −1 | S | 4 | o/r | 58 | 97 | 6 | <150 | St | 10 | – | 10 | • |
| Liverpool (Bidston) | 1011·8 | −1 | W'S | 1 | o | 62 | 85 | 6 | 1500 | Nb | 10 | – | 10 | • |
| Chester (Shotwick) | 1012·3 | −1 | SW | 2 | o | 65 | 75 | 8 | 4000 | StCu | 6 | ASt | 10 | • |
| Spurn Head | 1013·0 | +1 | WSW | 2 | o⊕ | 62 | 85 | 5 | 2500 | St | 7 | Ci | 10 | • |
| Nottingham | 1013·2 | • | W | 2 | o | 62 | 85 | 6 | 1500 | Nb | 10 | – | 10 | • |
| Cranwell | 1014·3 | 0 | SW | 3 | o | 61 | 85 | 7 | 2500 | Nb | 4 | ASt | 10 | • |
| Gorleston | 1016·0 | 0 | W'N | 1 | o | 64 | ? | 7 | 5700 | StCu | 9 | – | 9 | • |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | • |
| Roches Point | | | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | 1013·7 | −1 | WSW | 5 | od | 57 | 92 | 2 | <150 | Nb | 10 | – | 10 | • |
| Ross-on-Wye | 1014·4 | +1 | SSW | 3 | o/r | 60 | 97 | 7 | 1500 | Nb | 10 | – | 10 | • |
| Benson | 1015·3 | 0 | SW | 3 | o/r | 60 | 85 | 8 | – | St | 10 | – | 10 | • |
| Andover | 1016·3 | 0 | SW | 3 | orr | 59 | 97 | 6 | 800 | Nb | 10 | – | 10 | • |
| S. Farnborough | 1016·1 | 0 | SW | 2 | o$r_0$+ | 62 | 85 | 7 | 1500 | Nb | 10 | – | 10 | • |
| London (Kew Obsy.) | 1015·9 | −1 | SW | 3 | orr | 63 | 75 | 7 | 2500 | Nb | 8 | ASt | 10 | • |
| Croydon | 1016·1 | −1 | SWW | 3 | o | 62 | 85 | 7 | 1500 | StCu | 10 | – | 10 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1015·7 | 0 | W'S | 3 | c/f | 63 | 75 | 7 | 4000 | St | 5 | ACu | 8 | • |
| Grain | 1015·8 | 0 | SW | 4 | o | 63 | 75 | 7 | 2500 | StCu | 9 | – | 9 | • |
| Lympne | 1016·6 | 0 | SWW | 3 | o | 60 | 85 | 8 | 1500 | StCu | 9 | ASt | 10 | • |
| Scilly (St. Mary's) | 1014·5 | 0 | SSW | 3 | o$d_0$ | 58 | 97 | 5 | 800 | St | 10 | – | 10 | • |
| Falmouth (Pendennis) | 1015·6 | 0 | SW | 5 | orr | 58 | 97 | 4 | 1500 | Nb | 10 | – | 10 | • |
| Plymouth (Cattewater) | 1016·7 | 0 | SSW | 4 | orr | 57 | 97 | 6 | <150 | Nb | 10 | – | 10 | • |
| Portland Bill | 1016·1 | 0 | WSW | 2 | o | 59 | 85 | 6 | 450 | St | 10 | – | 10 | • |
| Southampton (Calshot) | 1017·2 | +1 | SW'S | 4 | o | 60 | 85 | 7 | 2500 | St | 10 | – | 10 | • |
| Dungeness | 1016·8 | 0 | WSW | 4 | o | 60 | 92 | 8 | 2500 | Cu | 10 | – | 10 | • |
| Jersey | 1017·9 | 0 | SW | 2 | c | 64 | 75 | 8 | – | – | 0 | ACu | 8 | • |

Observations at 1800 G.M.T. 4th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1013·3 | −1 | SSE | 3 | bc+ | 46 | 75 | 8 | 5700 | StCu | 3 | ACu | 5 | 2 |
| Stornoway | 1005·4 | 0 | S | 2 | o/r | 55 | 92 | 5 | 800 | St | 10 | – | 10 | 1 |
| Wick | 1008·5 | 0 | SE | 7 | o | 51 | 97 | 8 | 800 | St | 10 | – | 10 | 6 |
| Castlebay | 1004·1 | −2 | E | 5 | op$r_0$ | 55 | 97 | 6 | 800 | Nb | 10 | – | 10 | 6 |
| Nairn | 1006·8 | • | E | 1 | c | 53 | 85 | 7 | 1500 | Cu | 7 | – | 7 | • |
| Aberdeen | 1009·4 | 0 | ESE | 2 | ffo | 53 | 97 | 3 | <150 | St | 10 | – | 10 | 1 |
| Malin Head | 1003·8 | −2 | SW | 4 | c$d_0$ | 59 | 85 | 6 | 1500 | Nb | 8 | – | 8 | 1 |
| Renfrew | 1008·4 | −1 | – | 0 | o | 58 | 85 | 6 | 2500 | StCu | 10 | – | 10 | • |
| Edinburgh (Inchkeith) | 1008·7 | 0 | – | 0 | mot | 58 | 85 | 6 | – | StCu | 10 | – | 10 | } |
| Leuchars | 1008·8 | 0 | SW | 2 | o | 58 | 92 | 6 | 1500 | StCu | 10 | – | 10 | 6 |
| Eskdalemuir | 1010·1 | −1 | S | 2 | o$d_0$ | 53 | 92 | 6 | 225 | Nb | 10 | – | 10 | • |
| Tynemouth | 1010·6 | −1 | – | 0 | b− | 57 | 92 | 4 | 4000 | St | 2 | – | 2 | 0 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1008·9 | −1 | S | 1 | bc | 55 | 97 | 7 | 5750 | StCu | 2 | ACu | 5 | 1 |
| Birr Castle | | • | | | | | | | | | | | | • |
| Collinstown | 1009·0 | −2 | SSW | 4 | c | 60 | 92 | 7 | 2500 | StCu | 7 | ASt | 8 | • |
| Holyhead | 1010·3 | 0 | S | 4 | o/r | 57 | 97 | 6 | <150 | St | 10 | – | 10 | 1 |
| Liverpool (Bidston) | 1010·8 | 0 | SW | 2 | b− | 60 | 85 | 8 | 2500 | Cu | 2 | – | 2 | 3 |
| Chester (Shotwick) | 1011·1 | −1 | ESE | 3 | bc− | 60 | 85 | 8 | 2500 | St | 3 | Ci | 4 | • |
| Spurn Head | 1012·6 | −1 | SW'S | 3 | o | 59 | 85 | 5 | 1500 | St | 10 | – | 10 | 2 |
| Nottingham | 1013·4 | • | SW | 1 | o$r_0$ | 59 | 97 | 6 | 1500 | Nb | 10 | – | 10 | • |
| Cranwell | 1013·1 | −1 | SW'S | 3 | o | 59 | 97 | 6 | 2500 | StCu | 10 | – | 10 | • |
| Gorleston | 1014·9 | −1 | WSW | 3 | o | 61 | 85 | 7 | 5700 | StCu | 10 | – | 10 | 0 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1013·2 | 0 | WSW | 5 | mo− | 56 | 92 | 6 | 1500 | St | 10 | – | 10 | 4 |
| Ross-on-Wye | 1013·6 | −2 | SW | 3 | o$d_0$ | 59 | 92 | 7 | 1500 | Nb | 10 | – | 10 | • |
| Benson | 1014·2 | −1 | SSW | 3 | o$r_0r_0$ | 58 | 92 | 8 | – | Nb | 10 | – | 10 | • |
| Andover | 1015·2 | −1 | SW | 4 | orr | 57 | 97 | 7 | 800 | Nb | 10 | – | 10 | • |
| S. Farnborough | 1015·2 | −1 | SW | 3 | o$r_0$ | 58 | 92 | 7 | 800 | Nb | 10 | – | 10 | • |
| London (Kew Obsy.) | 1015·3 | −1 | SW | 4 | orr | 59 | 92 | 6 | 2500 | Nb | 10 | – | 10 | • |
| Croydon | 1015·9 | 0 | SW | 3 | orr | 57 | 92 | 6 | 1500 | Nb | 10 | – | 10 | • |
| Clacton-on-Sea | 1015·0 | 0 | SW | 3 | o/r | 59 | 97 | 5 | 2500 | St | 10 | – | 10 | 0 |
| Shoeburyness | 1014·9 | −2 | SW | 4 | o/r | 59 | 92 | 7 | 1500 | Nb | 9 | – | 9 | • |
| Grain | 1015·3 | −1 | SSW | 4 | o$r_0r_0$ | 58 | 97 | 6 | 1500 | St | 10 | – | 10 | 0 |
| Lympne | 1016·5 | 0 | SW | 2 | o$r_0r_0$ | 56 | 97 | 4 | 225 | Nb | 10 | – | 10 | • |
| Scilly (St. Mary's) | 1014·9 | 0 | WSW | 3 | ffo | 57 | 97 | 2 | 225 | St | 10 | – | 10 | 2 |
| Falmouth (Pendennis) | 1015·1 | 0 | SW | 5 | ffo | 58 | 97 | 2 | 1500 | Nb | 10 | – | 10 | 0 |
| Plymouth (Cattewater) | 1015·3 | 0 | SW | 4 | o$r_0$r | 57 | 97 | 5 | <150 | Nb | 10 | – | 10 | 3 |
| Portland Bill | 1016·1 | 0 | WSW | 4 | oR$R_0$ | 58 | 85 | 6 | 450 | St | 10 | – | 10 | 4 |
| Southampton (Calshot) | 1015·8 | −2 | SW | 5 | orr | 58 | 97 | 6 | 800 | Nb | 10 | – | 10 | 3 |
| Dungeness | 1016·4 | −1 | WSW | 3 | o/r | 59 | 97 | 7 | 1500 | St | 10 | – | 10 | 3 |
| Jersey | 1018·0 | 0 | SW | 2 | o | 61 | 85 | 8 | 1500 | St | 10 | – | 10 | 2 |

| LONDON OBSERVATIONS. | Weather Morning | Weather Afternoon | Weather Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 Hours ended 0900 G.M.T. 5th | | | | | | | | Yesterday. | | To-day. |
| Kew (24 hours ended 0700) | ooy | oy$r_0$ym | oymoc | • | • | 53 | 3 | 5 | 6.5 | • | • |
| Croydon (24 hours ended 0700) | o | oy$r_0$y | oy$r_0$ym | • | • | 53 | 2 | 5 | 0.2 | • | • |
| Greenwich (Royal Obsy.) | o | or | o[illegible] | 66 | 56 | 52 | 2 | 5 | 0·7 | 91 | 84 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 0·3 | • | • |
| Westminster (St. James' Pk.) | cfy | or | bco | 64 | 58 | * | | 8 | 0·5 | 87 | 82 |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 0·4 | • | • |
| Camden Square | o | yo | • | 65 | 57 | 54 | 5 | – | • | • | 90 |
| Kensington Palace | ooy | oy | • | 65 | 57 | 53 | 2 | 6 | • | 96 | 91 |
| Hampstead Observatory | • | • | • | 62 | 55 | 50 | 3 | 3 | 1·4 | • | 100 |

**ATMOSPHERIC POLLUTION.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 4th.

| South Kensington Max. | Time. | Min. | Time. |
|---|---|---|---|
| 0·3 | 16h–21h 3rd, 6h–13h 4th | <0·3 | 0h–4h 4th |

| Kew Observatory Max. | Time. | Min. | Time. |
|---|---|---|---|
| 0·7 | 18h 3rd, 10h 4th | <0·3 | 0h–5h 4th |

**SOLAR RADIATION.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate .............. Milliwatts.

Maximum Rate .............. Milliwatts.

**POLE STAR RECORD at Greenwich Obsy.**

Exposure from 4th 18 h. 30 m. to 5th 05 h. 15 m.

| Stars. | Exposure. h. m. | Record. h. m. | % |
|---|---|---|---|
| Polaris | 10.45 | 0.0 | 0 |
| δ Ursae Minoris | 10.45 | 0.0 | 0 |

**RADIO DISTURBANCES (Atmospherics) AT CROYDON.**[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | – | – | – | – |
| 18h. | – | – | – | – |
| 01h. | – | – | – | – |
| 7h. | – | – | – | – |

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

5th & 6th October, 1922.

| STATIONS. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.2 / 6.4 | 11.42 / 11.41 | 5.21 / 5.18 |
| Greenwich | 6.9 / 6.10 | 11.49 / 11.48 | 5.29 / 5.26 |
| Wick | 6.28 / 6.30 | 12.1 / 12.0 | 5.34 / 5.31 |
| Valencia | 6.49 / 6.51 | 12.29 / 12.29 | 6.10 / 6.7 |

**BEAUFORT NOTATION OF WEATHER.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$r_0r_0$ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**SEA DISTURBANCE.**

0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

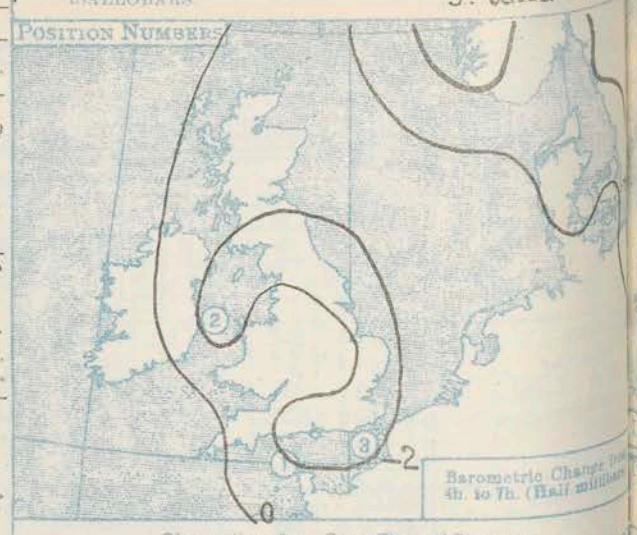
| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1–3 |
| 2 | 4–7 |
| 3 | 8–12 |
| 4 | 13–18 |
| 5 | 19–24 |
| 6 | 25–31 |
| 7 | 32–38 |
| 8 | 39–46 |
| 9 | 47–54 |
| 10 | 55–63 |
| 11 | 64–75 |
| 12 | Above 75 |

[1] For explanation see Introduction. • Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 4th | 13h.-18h. 4th | 18h. 4th to 1h. 5th | 1h.-7h. 5th | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL.† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | bc | bc | boq | bc | 49 | 44 | • | – | – | – | – | • |
| Stornoway ... ... | d | d | r | p | 57 | 49 | • | 0·4 | 5 | – | – | 0·9 |
| Wick ... ... ... | oid₀q | oo | ofefe | offe | 51 | 50 | • | 1 | 0·1 | <0800 | 2200 | • |
| Castlebay ... ... | opem | omop | opo | orrcm | 57 | 51 | • | Trace | 7 | 1630 | – | 0·6 |
| Nairn ... ... ... | c | c | cqm | cprqm | 58 | 50 | • | – | 2 | – | 02·30 | 2·6 |
| Aberdeen ... ... | oir₀m | omff | offmm | ommr | 54 | 52 | 51 | 0·2 | 1 | <0800 | 0630 | 0·0 |
| Malin Head ... ... | c | c | p₀co | coir | 63 | 52 | • | 0·3 | 0·4 | 1730 | 05·30 | 3·6 |
| Renfrew ... ... | ombcc | bc.c.o | omrr | orrm | 63 | 53 | 49 | – | 6 | – | 22·00 | 3·9 |
| Edinburgh (Inchkeith) | mm | oo | o | rr | 61 | 54 | 49 | 0·1 | 1 | – | 05·30 | 0·4 |
| Leuchars ... ... | oo | om | r | r | 63 | 53 | 49 | – | 4 | – | – | 0·4 |
| Eskdalemuir ... ... | odmo | odm | odm | odorm | 57 | 52 | 52 | 1 | 2 | <0800 | <2100 | 0·2 |
| Tynemouth ... ... | m | m | bom | omp₀ | 63 | 52 | 41 | – | 0·3 | – | 01·30 | • |
| Blacksod Point ... | | | | | | | | | | | | • |
| Donaghadee ... ... | c | b-bc | bc | bc | 62 | 52 | • | • | 0·3 | – | 2200 | • |
| Birr Castle ... ... | | | | | | | | | | | | |
| Collinstown ... ... | ocbc | e | bcofc | circ | 67 | 50 | • | – | 1 | – | 2400 | 4·8 |
| Holyhead ... ... | odₒm | ooidₒm | oidₒm | bcom | 58 | 55 | 51 | 0·1 | – | <0800 | – | 0·0 |
| Liverpool (Bidston) ... | oc | cloc | c | c | 66 | 53 | 48 | – | – | – | – | 1·2 |
| Chester (Shotwick) ... | oo | ocbc | bc | bcobr | 67 | 55 | 49 | – | 0·3 | – | 0230 | • |
| Spurn Head ... ... | c | c | c | r | 62 | 54 | • | – | 2 | – | 04·30 | 1·8 |
| Nottingham ... ... | oo | r₀ | ob | cr₀ | 63 | 56 | 50 | 0·3 | 0·1 | 15·30 | 02·30 | 1·0 |
| Cranwell ... ... | oo | rord | bcbc | c | 64 | 55 | 52 | Trace | – | 1630 | – | 2·5 |
| Gorleston ... ... | c | oo | oir₀c | c | 64 | 55 | 50 | – | 0·3 | – | <2100 | 1·5 |
| Valencia (Cahirciveen) | | | c | | | | | | | | | |
| Roches Point ... ... | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | off | offoim | ofqd | p | 58 | 55 | • | 0·4 | 3 | 12·30 | <2100 | 0·0 |
| Ross-on-Wye ... ... | oorop | irog | dobcc | copc | 60 | 54 | 50 | 1 | 0·3 | 11·00 | 04·30 | 0·0 |
| Benson ... ... ... | or | r | roc | ocp₀ | 63 | 56 | 53 | 2 | 1 | 12·30 | <2100 | • |
| Andover ... ... | oorr | or₀orr | orr | orrop | 62 | 55 | 51 | 6 | 4 | 11·00 | <2100 | 0·3 |
| S. Farnborough ... | or₀ | or₀r₀rr | orroc | obco | 64 | 55 | 50 | 5 | 2 | 12·30 | <2100 | 0·3 |
| London (Kew Obsy.) ... | oo·r | orm.rm | ormo | ocmW | 64 | 57 | 53 | 3 | 5 | 1100 | <2100 | 0·5 |
| Croydon ... ... | o | or₀r | orr₀m | orr₀m | 64 | 57 | 53 | 2 | 5 | 1330 | <2100 | 0·2 |
| Clacton-on-Sea ... | cz | omr | ogmf | ogpm | 62 | 57 | 56 | 1 | 2 | 15·30 | <2100 | 0·9 |
| Shoeburyness ... ... | c | rord | o | orRr | 64 | 56 | 55 | 1 | 7 | 14·30 | <2100 | 1·2 |
| Grain ... ... ... | od₀c | or₀r₀ | orrR | ee | 64 | 57 | 55 | 1 | 3 | <0800 | <2100 | 0·9 |
| Lympne ... ... | ofdd₀pr₀₀ | prrm | or₀r₀mr | or₀r₀m | 61 | 56 | 55 | 6 | 3 | <0800 | <2100 | 6·1 |
| Scilly (St. Mary's) ... | omd | F | omp | rm | 58 | 54 | • | 4 | 1 | 0900 | 02·30 | 0·0 |
| Falmouth (Pendennis) | omr | omdfd | om | pd | 58 | 55 | • | 13 | 4 | 0900 | 01·30 | 0·0 |
| Plymouth (Cattewater) | orrm | or | orc | odr | 59 | 57 | 52 | 22 | 1 | <0800 | <2100 | 0·0 |
| Portland Bill ... ... | o | or | r | opbc | 61 | 54 | • | 11 | 5 | 15·30 | <2100 | • |
| Southampton (Calshot) | o | orrq | rrdd | omidc | 62 | 57 | 56 | 9 | 4 | 09·00 | <2100 | 0·6 |
| Dungeness ... ... | od₀co | rRRo | opro | oir | 63 | 58 | • | 4 | 4 | 14·30 | <2100 | • |
| Jersey | oco | oco | r | oddo | 66 | 58 | • | – | 1 | – | – | 2·0 |




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 2 | 4th 10h. | Anglia | SSW | 4 | 0m | 57 | 56 |

GENERAL INFERENCE.

The main depression is now stationary off the South of Iceland while secondary disturbances are moving across the British Isles from the Atlantic. Winds will be mainly from W or S.W. in the South and from a southerly point in the North. Weather will be mainly cloudy with further rain or showers but some fairer intervals in most localities.

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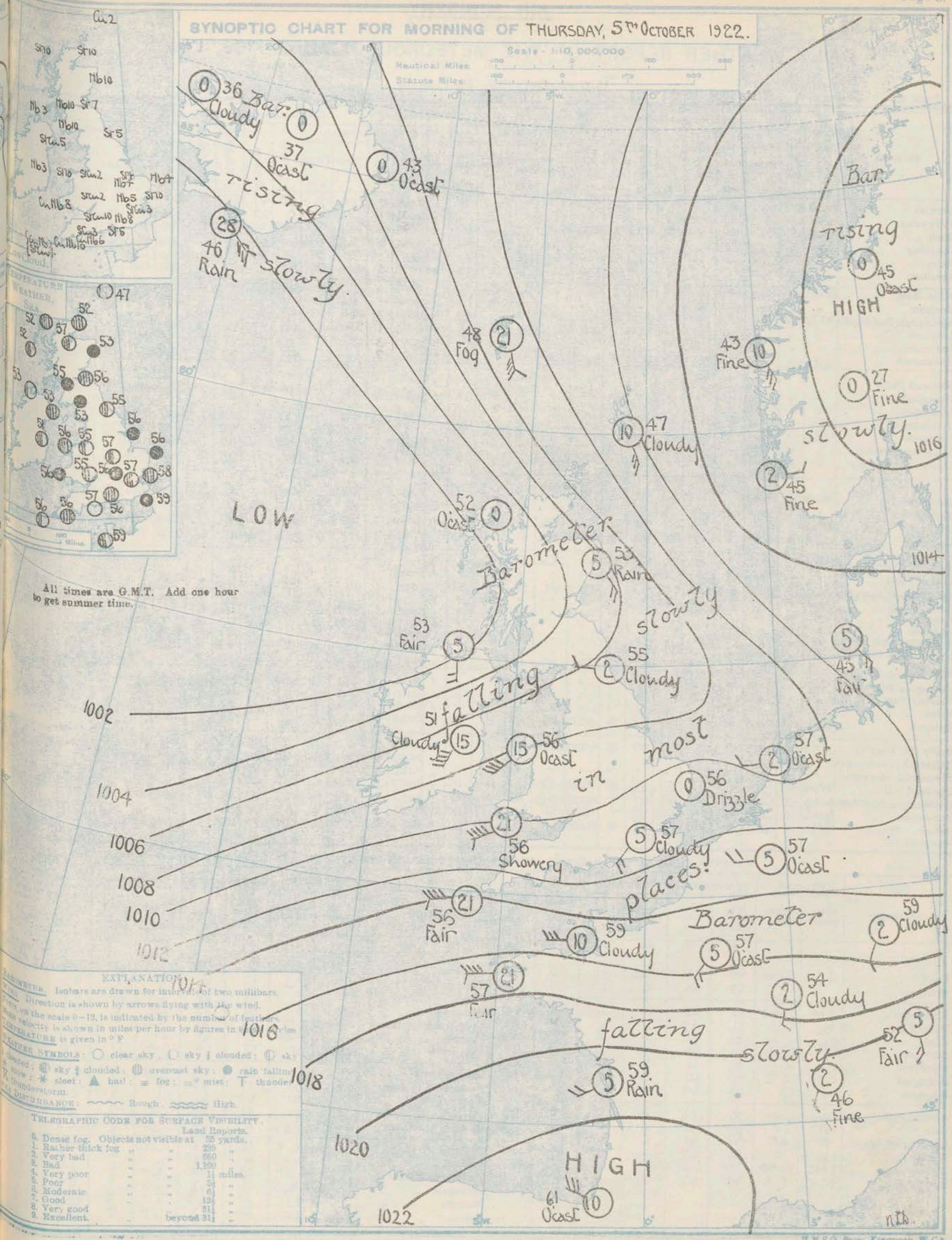
| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 5th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales | Wind W to SW, light or moderate, fresh locally; cloudy, fairer periods, occasional rain or showers; visibility mainly moderate or good; mild. | Unsettled. |
| 7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England | Wind S to SW, light or moderate, fresh locally; cloudy, occasional rain or showers; visibility moderate; rather mild. | |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>~~17. N.W. Ireland~~ | Wind Southerly, light or moderate, fresh in places; much cloud at times, some rain; visibility poor to moderate; moderate temperature. | |
| 18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Wind Southwesterly, light or moderate, fresh locally; cloudy, occasional rain or showers; visibility mainly moderate, but poor at times; moderate temperature. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 GMT. G. C. Simpson, F.R.S., Director.

† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:



BRITISH SECTION.....Thursday, 5th October.....1922. No. 278.

**Observations at 0100 G.M.T.....5th.....**

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1012.8 | 0 | SE | 4 | bc | 47 | 75 | 7 | 4000 | Cu | 4 | – | 4 | • |
| Stornoway ... ... | 1005.1 | -1 | S | 1 | ovr | • | • | 4 | • | • | • | • | • | • |
| Wick ... ... ... | [illegible] | -1 | SE | 6 | Fo+ | 52 | 97 | 2 | 450 | St | 10 | – | 10 | • |
| Castlebay ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head ... ... | 1002.3 | -2 | S | 4 | c | 56 | 92 | 7 | 4000 | Cu | 2 | ACu | 7 | • |
| Renfrew ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1007.2 | -2 | S | 1 | o | 55 | 85 | 8 | – | St | 10 | – | 10 | • |
| Leuchars ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth ... ... | 1009.1 | -2 | SW | 1 | o | 55 | 92 | 5 | 4000 | Nb | 10 | – | 10 | • |
| Blacksod Point ... | | | | | | | | | | | | | | • |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | 1008.1 | -1 | SW'W | 4 | ovr | 54 | 92 | 8 | 1500 | StCu | 10 | – | 10 | • |
| Holyhead ... ... | 1008.6 | -1 | S'E | 0 | bc⁻ | 57 | 92 | 7 | 1500 | StCu | 2 | ACu | 5 | • |
| Liverpool (Bidston) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head ... ... | 1010.4 | -2 | SW'W | 2 | c | 56 | 92 | 5 | 1500 | St | 7 | ACu | 8 | • |
| Nottingham ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell ... ... | 1012.0 | -1 | SW'W | 3 | bc⁻ | 55 | 92 | 7 | 4000 | StCu | 3 | ACu | 6 | • |
| Gorleston ... ... | 1013.4 | 0 | W | 2 | c⁻ | 58 | 92 | 7 | 5700 | StCu | 8 | – | 8 | • |
| Valencia (Cahirciveen) | 1006.8 | +2 | WSW | 3 | c | 56 | 65 | 7 | – | StCu | 5 | ACu | 7 | • |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1011.6 | -2 | W'S | 5 | o/m | 57 | 92 | 7 | 1500 | St | 9 | ± | 9 | • |
| Ross-on-Wye ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.)... | • | • | • | • | • | 59 | • | • | • | • | • | • | • | • |
| Croydon ... ... | 1012 | -3 | SW | 2 | ovr | 57 | 97 | 6 | 1500 | Nb | 10 | – | 10 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne ... ... | 1014.9 | -2 | WSW | 3 | ovr | 56 | 97 | 6 | 450 | Nb | 10 | – | 10 | • |
| Scilly (St. Mary's) ... | 1013.9 | -1 | WSW | 4 | o | 57 | 97 | 6 | 4000 | CuNb | 10 | – | 10 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1015.4 | 0 | W | 5 | ovr | 57 | 85 | 6 | 450 | St | 10 | – | 10 | • |
| Southampton (Calshot) | 1014.3 | -2 | SW'W | 4 | od | 58 | 97 | 7 | 1500 | Nb | 10 | – | 10 | • |
| Dungeness ... ... | 1014.5 | -1 | WSW | 4 | o/r | 59 | 97 | 7 | 1500 | St | 10 | – | 10 | • |
| Jersey 7h. ... ... | 1017.0 | -1 | WSW | 4 | odd | 58 | 97 | 6 | 4000 | St | 10 | – | 10 | • |
| Guernsey 1h. | | | | | | | | | | | | | | |

**Observations at 0700 G.M.T.....5th.....**

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1012.6 | 0 | SSE | 3 | c+ | 47 | 85 | 7 | 4000 | Cu | 2 | ACu | 7 | 2 |
| Stornoway ... ... | 1003.3 | +1 | – | 0 | o | 52 | 97 | 5 | 450 | St | 10 | – | 10 | 0 |
| Wick ... ... ... | 1005.8 | -1 | SE | 6 | mo⁻ | 52 | 97 | 4 | 800 | St | 10 | – | 10 | 6 |
| Castlebay ... ... | 1003.6 | 0 | E | 1 | bc/r | 52 | 97 | 6 | 1500 | St | 6 | – | 6 | 1 |
| Nairn ... ... ... | 1004.7 | • | – | 0 | c/r | 52 | 92 | 7 | 4000 | CuNb | 8 | – | 8 | • |
| Aberdeen ... ... | 1007.0 | 0 | SE'S | 2 | ovr | 53 | 97 | 5 | 450 | Nb | 10 | – | 10 | 0 |
| Malin Head ... ... | 1001.8 | 0 | S | 2 | bc/r | 53 | 92 | 7 | 5700 | Nb | 3 | ACu | 6 | 2 |
| Renfrew ... ... | 1004.5 | -1 | SW | 3 | ovr | 55 | 92 | 6 | 1500 | Nb | 10 | – | 10 | 1 |
| Edinburgh (Inchkeith) | 1008.1 | -2 | SSE | 2 | o/r | 56 | 85 | 8 | – | St | 7 | ASt | 10 | • |
| Leuchars ... ... | 1005.3 | -1 | SE | 1 | ovr | 53 | 97 | 7 | 1500 | StCu | 10 | – | 10 | • |
| Eskdalemuir ... ... | 1004.9 | -3 | S | 1 | ovr | 53 | 97 | 4 | <150 | Nb | 10 | – | 10 | • |
| Tynemouth ... ... | 1006.1 | -2 | W | 1 | c/r | 55 | 92 | 5 | 4000 | St | 5 | ACu | 7 | 0 |
| Blacksod Point ... | | | | | | | | | | | | | | |
| Donaghadee ... ... | 1005.5 | -1 | SW | 1 | o+ | 58 | 92 | 8 | 5700 | StCu | 5 | ASt | 10 | 0 |
| Birr Castle ... ... | | • | | | | | | | | | | | | • |
| Collinstown ... ... | 1006.3 | -2 | SW | 4 | c/r | 51 | 92 | 7 | 800 | Nb | 3 | CiCu | 7 | • |
| Holyhead ... ... | [illegible] | -3 | SW'S | 4 | o | 56 | 97 | 6 | 1500 | St | 10 | – | 10 | 2 |
| Liverpool (Bidston) ... | 1007.1 | -1 | SW | 3 | bc⁻ | 55 | 85 | 7 | 2500 | StCu | 2 | CiSt | 4 | 3 |
| Chester (Shotwick) ... | 1007.4 | -1 | SW | 3 | c⁻ | 55 | 85 | 6 | 4000 | StCu | 6 | Ci | 8 | • |
| Spurn Head ... ... | 1008.1 | -2 | SSW | 3 | ovr | 56 | 92 | 5 | 2500 | Nb | 9 | – | 9 | 2 |
| Nottingham ... ... | 1008.3 | • | W | 3 | c | 57 | 92 | 6 | 1500 | Nb | 4 | Ci | 7 | • |
| Cranwell ... ... | 1009.0 | -2 | SW? | 3 | o⁻ | 55 | 97 | 7 | 1500 | St? | 6 | Ci | 10 | • |
| Gorleston ... ... | 1010.9 | -2 | – | 0 | od | 56 | 92 | 6 | 4000 | Nb | 4 | ASt | 9 | 0 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | 1010.0 | -2 | WSW | 5 | o/p | 56 | 85 | 7 | 2500 | CuNb | 8 | – | 8 | 5 |
| Pembroke (St. Ann's H.) | 1010.4 | 0 | W'S | 2 | bc | 55 | 85 | 7 | 4000 | StCu | 2 | Ci | 4 | • |
| Ross-on-Wye ... ... | 1010.5 | -1 | SSW | 3 | cpr | 56 | 92 | 8 | – | Nb | 5 | ACu | 7 | • |
| Benson... ... ... | 1011.7 | -2 | WSW | 3 | o⁻ | 56 | 97 | 7 | 1500 | StCu | 10 | – | 10 | • |
| Andover ... ... | 1011.4 | -1 | SW | 2 | o+ | 56 | 97 | 8 | 1500 | Nb | 8 | ACu | 9 | • |
| S. Farnborough ... | 1011.2 | -3 | SW | 2 | c | 57 | 92 | 6 | 2500 | StCu | 3 | CiCu | 7 | • |
| London (Kew Obsy.)... | 1011.7 | -2 | SSW | 3 | o⁻ | 57 | 92 | 7 | 800 | StCu | 5 | ACu | 9 | • |
| Croydon ... ... | | | | | | | | | | | | | | |
| Clacton-on-Sea ... | 1011.1 | -3 | SW | 3 | mmo | 58 | 92 | 6 | 4000 | St | 10 | – | 10 | 0 |
| Shoeburyness ... ... | 1011.4 | -2 | SW | 2 | o⁻ | 58 | 85 | 6 | 2500 | StCu | 8 | ACu | 8 | 0 |
| Grain ... ... ... | 1011.4 | -4 | SW | 3 | c⁻ | 59 | 92 | 7 | 800 | StCu | 8 | – | 8 | • |
| Lympne ... ... | 1012.3 | -1 | SW'W | 3 | o/r | 57 | 97 | 7 | 225 | St | 10 | – | 10 | • |
| Scilly (St. Mary's) ... | 1014.1 | 0 | W'S | 5 | bc⁻ | 56 | 97 | 6 | 2500 | StCu | 6 | – | 6 | 5 |
| Falmouth (Pendennis) | 1013.2 | 0 | W | 5 | o+ | 56 | 97 | 7 | 4000 | CuNb | 10 | – | 10 | 0 |
| Plymouth (Cattewater) | 1013.2 | 0 | W | 3 | o/p | 57 | 85 | 8 | 2500 | CuNb | 9 | – | 9 | 3 |
| Portland Bill ... ... | 1011.7 | -3 | WSW | 6 | b/r | 57 | 85 | 6 | – | – | 0 | CiCu | 3 | 5 |
| Southampton (Calshot) | 1012.2 | -3 | SW'W | 4 | c/r | 58 | 92 | 7 | 1500 | St | 5 | ACu | 8 | 0 |
| Dungeness ... ... | 1012.5 | -2 | WSW | 3 | ovr | 59 | 92 | 7 | 1500 | St | 10 | – | 10 | 4 |
| Jersey 7h. ... ... | 1015.5 | 0 | W | 3 | c/r | 59 | 92 | 8 | 4000 | StCu | 7 | – | 7 | 3 |
| Guernsey 1h. | | | | | | | | | | | | | | |

**WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR.....Wednesday, 4th Oct.**

| Stations. | Weather.* Forenoon. | Weather.* Afternoon. | Temperature. Min. Night. 3rd-4th. °F. | Temperature. Max. Day. 4th. °F. | Rainfall.† Night 17h.-9h. 3rd-4th. mm. | Rainfall.† Day 9h.-17h. 4th. mm. | Sunshine. Sunrise to 17h. 4th. hr. | Sunshine. Sunrise to Sunset. 3rd. hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | d o | ogm | 44 | 53 | Trace | 0·1 | 0·0 | 6·0 |
| Montrose ... ... | | | 50 | 58 | 10 | – | 1·7 | 3·5 |
| Llandudno ... ... | c o | o.bc.b | 52 | 65 | 0·1 | – | 4·3 | 0·0 |
| Colwyn Bay ... | bc | b | 56 | 65 | – | – | ? | 0·0 |
| Rhyl... ... ... | pcc | c bc | 54 | 66 | – | – | 4·9 | 0·0 |
| Southport ... ... | o | o.cbc'b | 52 | 63 | 0·4 | – | 1·7 | 0·0 |
| Blackpool ... ... | r o | c o | 52 | 61 | 3 | – | 0·0 | 0·0 |
| Harrogate ... ... | c.o | o·c | 49 | 60 | 2 | – | 0·3 | 0·0 |
| Skegness ... ... | o | o | 52 | 64 | 4 | 1 | 0·0 | 0·8 |
| Aberystwyth ... | rm | c o | 56 | 62 | 1 | – | 0·0 | 0·0 |
| Bath ... ... | or | r o | 54 | 61 | – | 4 | 0·0 | 0·4 |
| Leamington Spa ... | c | or | 47 | 61 | – | 1 | 0·0 | 1·3 |
| Lowestoft ... ... | o bcco | o | 53 | 65 | – | – | 2·0 | 6·2 |
| Felixstowe ... ... | ome | com.r | 54 | 63 | 0·3 | 1 | 0·7 | 4·2 |
| Southend ... ... | bc.c | r R | 54 | 62 | – | 1 | 1·1 | 3·1 |
| Paignton ... ... | b.bc.r | or | 56 | 62 | – | 3 | 0·8 | 0·1 |
| Ilfracombe ... ... | odr | ord | 57 | 61 | 1 | 7 | 0·0 | 1·5 |
| Bude ... ... | r | r | 55 | ?66 | 2 | 14 | 0·0 | 2·7 |
| Penzance ... ... | or | odf | 56 | 59 | 5 | 6 | 0·0 | 0·0 |
| Falmouth Observatory | rf | rf | 56 | 59 | 4 | 11 | 0·0 | 0·0 |
| Torquay ... ... | b.cor | orbd | 57 | 61 | 0·1 | 7 | 0·7 | 0·4 |
| Weymouth ... ... | op | or | 57 | 64 | 0·4 | 17 | 0·0 | 1·7 |
| Bournemouth ... | o | r | 55 | 63 | Trace | 8 | 0·2 | 1·6 |
| Portsmouth (S'thsea) | obc | or | 57 | 65 | 1 | 5 | 1·2 | 0·2 |
| Worthing ... ... | o | or | 56 | 62 | 1 | 2 | 0·1 | 0·7 |
| Brighton ... ... | c | r | 52 | 61 | 0·2 | 2 | 0·0 | 1·3 |
| Eastbourne ... ... | o | o.c.o.r | 57 | 63 | – | 2 | 0·8 | 1·2 |
| Hastings ... ... | o | o.c.R | 56 | 62 | – | 2 | 0·0 | 0·7 |
| Folkestone ... ... | ded | grr | 51 | 62 | – | 4 | 0·0 | 3·8 |
| Tunbridge Wells ... | oc | cdr | 55 | 63 | 2 | 8 | 0·3 | 2·8 |
| Ramsgate ... ... | o bc | c.bc.or | 52 | 62 | – | 1 | 0·4 | 4·2 |
| Margate ... ... | ro | or | 54 | 63 | – | 2 | 0·3 | 3·9 |
| Deal ... ... ... | o.d.c | or | 54 | 62 | – | 4 | 0·5 | 3·7 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 2. § See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22233 FRIDAY, 6th OCTOBER 1922. 

Observations at 1300 G.M.T. 5th.

| Stations | Barom. at M.S.L. m.b. | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1013·8 | +1 | SE | 4 | b | 51 | 75 | 8 | - | - | 0 | ACu | 2 | • |
| Stornoway | 1007·7 | +4 | ENE | 2 | b- | 58 | 92 | 7 | 4000 | Cu | 3 | · | 3 | • |
| Wick | 1009·6 | +4 | SE | 4 | od$_0$ | 52 | 97 | 7 | 450 | St | 10 | · | 10 | • |
| Castlebay | 1008·5 | +4 | WNW | 2 | mmD | 57 | 92 | 7 | 2500 | StCu | 2 | · | 2 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1008·5 | +2 | E'S | 3 | orr | 53 | 97 | 5 | 450 | Nb | 10 | - | 10 | • |
| Malin Head | 1006·6 | +6 | N | 2 | o | 56 | 85 | 7 | 2500 | StCu | 9 | · | 9 | • |
| Renfrew | 1006·6 | +2 | W | 1 | o- | 59 | 75 | 6 | 5700 | St | 7 | Ci | 10 | • |
| Edinburgh (Inchkeith) | 1006·6 | +3 | W | 1 | mo- | 53 | 97 | 6 | * | Nb | 10 | - | 10 | • |
| Leuchars | 1005·2 | +2 | - | 0 | orr | 54 | 97 | 6 | 800 | Nb | 10 | - | 10 | • |
| Eskdalemuir | 1005·9 | +1 | N | 1 | o/r | 58 | 75 | 7 | 2500 | StCu | 5 | ASt | 9 | • |
| Tynemouth | 1006·1 | 0 | - | 0 | or$_0$r$_0$ | 57 | 92 | 5 | 4000 | Nb | 10 | - | 10 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1006·2 | +1 | SSE | 1 | bc- | 57 | 85 | 8 | - | CuNb | 3 | Ci | 4 | • |
| Birr Castle | 1006·8 | • | SW | 2 | c/r | 55 | 85 | 7 | 4000 | Nb | 8 | - | 8 | • |
| Collinstown | 1005·3 | -1 | SW'W | 4 | o/p | 56 | 92 | 6 | 450 | St | 10 | - | 10 | • |
| Holyhead | 1006·0 | -1 | SSW | 4 | c/r | 59 | 85 | 8 | 2500 | Cu | 3 | ASt | 8 | • |
| Liverpool (Bidston) | 1006·8 | -1 | W'S | 3 | bc/r | 55 | 85 | 7 | 2500 | CuNb | 6 | - | 6 | • |
| Chester (Shotwick) | 1005·8 | -3 | SW | 3 | od$_0$ | 59 | 65 | 8 | 2500 | St | 10 | · | 10 | • |
| Spurn Head | 1006·5 | -2 | WNW | 2 | c/p | 60 | 75 | 5 | 4000 | Nb | 7 | · | 7 | • |
| Nottingham | 1007·5 | • | W | 3 | or- | 65 | 92 | 6 | 1500 | Nb | 10 | - | 10 | • |
| Cranwell | 1008·1 | -1 | WSW | 3 | o | 61 | 75 | 7 | 2500 | StCu | 7 | ASt | 10 | • |
| Gorleston | 1009·4 | -1 | W'N | 2 | bc | 63 | 75 | 7 | 2500 | CuNb | 4 | Ci | 6 | • |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | • |
| Roches Point | | | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | 1010·2 | 0 | W'S | 6 | c | 57 | 75 | 7 | 2500 | Cu | 8 | · | 8 | • |
| Ross-on-Wye | 1009·0 | -2 | W'S | 4 | cpr$_0$ | 55 | 85 | 8 | 4000 | CuNb | 7 | CiCu | 8 | • |
| Benson | 1019·4 | -3 | WSW | 4 | cpr$_0$ | 58 | 85 | 8 | * | Nb | 8 | - | 8 | • |
| Andover | 1010·5 | -2 | NNW | 3 | oPR+ | 62 | 75 | 6 | 1500 | Nb | 9 | · | 9 | • |
| S. Farnborough | 1010·3 | -2 | W | 4 | c+ | 63 | 65 | 8 | 2500 | Cu | 5 | Ci | 7 | • |
| London (Kew Obsy.) | 1009·9 | -3 | WSW | 2 | c | 60 | 75 | 8 | 2500 | Cu | 6 | Ci | 7 | • |
| Croydon | 1010·6 | -2 | W | 3 | opr$_0$ | 60 | 75 | 7 | 2500 | StCu | 8 | Ci | 9 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1009·8 | -2 | WNW | 1 | bc/r | 62 | 75 | 6 | 5700 | Cu | 2 | ACu | 5 | • |
| Grain | 1009·6 | -3 | WSW | 5 | c/r | 65 | 65 | 7 | 2500 | Cu | 7 | Ci | 8 | • |
| Lympne | 1010·5 | -2 | WSW | 4 | c- | 61 | 75 | 8 | 1500 | Cu | 5 | CiCu | 7 | • |
| Scilly (St. Mary's) | 1014·9 | 0 | W'N | 5 | opr$_0$ | 57 | 92 | 7 | 4000 | CuNb | 10 | - | 10 | • |
| Falmouth (Pendennis) | 1014·0 | 0 | W | 6 | o/r$_0$ | 57 | 92 | 7 | 4000 | CuNb | 10 | · | 10 | • |
| Plymouth (Cattewater) | 1013·1 | 0 | W | 5 | o/p | 58 | 97 | 7 | 1500 | CuNb | 10 | - | 10 | • |
| Portland Bill | 1011·7 | 0 | WSW | 6 | b | 60 | 75 | 7 | - | - | 0 | CiCu | 3 | • |
| Southampton (Calshot) | 1011·3 | -1 | WSW | 5 | c- | 61 | 75 | 8 | 2500 | StCu | 8 | · | 8 | • |
| Dungeness | 1011·1 | -3 | WSW | 6 | bc- | 62 | 85 | 7 | 4000 | Cu | 4 | CiCu | 6 | • |
| Jersey | 1015·5 | 0 | W | 4 | o/r | 62 | 75 | 8 | 4000 | StCu | 9 | - | 9 | • |

Observations at 1800 G.M.T. 5th.

| Stations | Barom. at M.S.L. m.b. | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1017·1 | +3 | SE | 1 | b | 47 | 85 | 8 | 5700 | StCu | 1 | - | 1 | 0 |
| Stornoway | 1012·0 | +4 | ENE | 1 | bc+ | 55 | 92 | 6 | - | - | 0 | ACu | 6 | 0 |
| Wick | 1013·8 | +7 | SE | 3 | o | 52 | 97 | 7 | 450 | St | 10 | · | 10 | 4 |
| Castlebay | 1012·5 | +3 | WNW | 4 | bc/f | 54 | 92 | 7 | 1500 | St | 4 | · | 4 | 3 |
| Nairn | 1012·7 | • | E | 1 | mo- | 54 | 97 | 7 | 1500 | St | 9 | - | 9 | • |
| Aberdeen | 1013·3 | +6 | E'S | 3 | o/r | 52 | 92 | 6 | 450 | St | 10 | - | 10 | 3 |
| Malin Head | 1011·7 | -6 | NNW | 4 | bc- | 54 | 97 | 6 | 1500 | St | 2 | ACu | 4 | 3 |
| Renfrew | 1010·3 | +6 | NNE | 1 | o+ | 56 | 85 | 6 | 2500 | St | 10 | · | 10 | • |
| Edinburgh (Inchkeith) | 1009·3 | +3 | NE | 2 | fo+ | 53 | 97 | 3 | * | Nb | 10 | · | 10 | 1 |
| Leuchars | 1010·6 | +5 | E | 3 | [illegible] | 53 | 97 | 4 | 450 | St | 10 | · | 10 | • |
| Eskdalemuir | 1009·8 | +3 | N'E | 2 | o | 50 | 85 | 6 | 4000 | StCu | 10 | - | 10 | • |
| Tynemouth | 1008·2 | +2 | NE | 1 | or$_0$r$_0$ | 54 | 97 | 5 | 4000 | Nb | 10 | · | 10 | 0 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1010·8 | +5 | NNW | 2 | c+ | 55 | 92 | 8 | 4000 | StCu | 5 | ACu | 8 | 0 |
| Birr Castle | 1012·5 | - | SW | 3 | bc- | 55 | 85 | 8 | 4000 | St | 4 | · | 4 | • |
| Collinstown | 1011·7 | +7 | NW'W | 2 | o/r | 54 | 92 | 8 | 800 | Nb | 10 | - | 10 | • |
| Holyhead | 1008·8 | +5 | N'E | 4 | bc- | 55 | 92 | 8 | 1500 | Cu | 4 | ASt | 5 | 2 |
| Liverpool (Bidston) | 1008·1 | +2 | NW'N | 1 | bc/r | 52 | 92 | 7 | 2500 | Cu | 2 | CiSt | 4 | 2 |
| Chester (Shotwick) | 1007·9 | +2 | NNE | 1 | o | 53 | 97 | 6 | 2500 | St | 10 | · | 10 | • |
| Spurn Head | 1007·3 | +1 | WNW | 2 | c | 55 | 85 | 6 | 4000 | St | 7 | - | 7 | 3 |
| Nottingham | 1007·7 | • | W | 1 | bc- | 55 | 85 | 5 | 1500 | StCu | 4 | ACu | 5 | • |
| Cranwell | 1007·9 | 0 | SSW | 1 | o | 55 | 92 | 6 | 2500 | StCu | 9 | - | 9 | • |
| Gorleston | 1009·0 | -1 | WSW | 1 | bc | 57 | 85 | 7 | 4000 | StCu | 6 | - | 6 | 0 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1009·3 | 0 | W'S | 6 | cPR | 56 | 85 | 7 | 2500 | CuNb | 8 | - | 8 | 5 |
| Ross-on-Wye | 1007·8 | -1 | SSW | 2 | opr$_0$ | 54 | 85 | 7 | 2500 | Nb | 10 | - | 10 | • |
| Benson | 1008·5 | -1 | W'S | 3 | o+ | 55 | 85 | 8 | 2500 | StCu | 8 | C | 9 | • |
| Andover | 1009·7 | -2 | W | 3 | o+ | 54 | 85 | 7 | 2500 | St | 9 | · | 9 | • |
| S. Farnborough | 1009·4 | -1 | W | 3 | bc | 53 | 92 | 8 | - | · | 0 | ACu | 5 | • |
| London (Kew Obsy.) | 1009·2 | -1 | SW'S | 2 | c/r | 57 | 85 | 6 | 2500 | CuNb | 2 | Ci | 8 | • |
| Croydon | 1009·9 | -1 | WSW | 3 | o | 54 | 85 | 7 | 2500 | CuNb | 7 | ACu | 9 | • |
| Clacton-on-Sea | 1008·7 | 0 | WSW | 2 | bc | 57 | 85 | 7 | 2500 | Cu | 3 | ASt | 5 | 0 |
| Shoeburyness | 1005·1 | -1 | WSW | 1 | bc/r$_0$ | 56 | 85 | 6 | 4000 | Cu | 2 | ACu | 6 | • |
| Grain | 1009·4 | 0 | SSW | 2 | o/p | 57 | 92 | 7 | 2500 | Nb | 6 | ACu | 9 | 0 |
| Lympne | 1010·1 | 0 | SW'W | 3 | c+ | 55 | 92 | 7 | 1500 | StCu | 9 | · | 9 | • |
| Scilly (St. Mary's) | 1014·3 | 0 | WNW | 5 | c | 56 | 92 | 7 | 4000 | StCu | 8 | · | 8 | 6 |
| Falmouth (Pendennis) | 1013·2 | -3 | W | 6 | c+ | 56 | 92 | 7 | 4000 | CuNb | 8 | · | 8 | 2 |
| Plymouth (Cattewater) | 1012·2 | 0 | W | 5 | or$_0$ | 56 | 85 | 7 | 800 | St | 10 | · | 10 | 1 |
| Portland Bill | 1010·3 | -3 | W | 6 | cpr$_0$ | 59 | 85 | 7 | 4000 | Nb | 7 | · | 7 | 5 |
| Southampton (Calshot) | 1009·7 | -2 | WSW | 3 | o/r$_0$ | 57 | 85 | 8 | 1500 | St | 10 | · | 10 | 0 |
| Dungeness | 1010·1 | -1 | WSW | 5 | c+ | 58 | 92 | 7 | - | · | 0 | ACu | 8 | 6 |
| Jersey | 1014·0 | -1 | W | 3 | o/r | 57 | 92 | 8 | 2500 | StCu | 10 | · | 10 | 3 |

LONDON OBSERVATIONS. (Weather, Temperature, Rainfall: 24 Hours ended 0900 G.M.T. 6th. Sunshine and Humidity 15h.: Yesterday. Humidity 6h.: To-day.)

| London Observations | Weather Morning | Weather Afternoon | Weather Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 6h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew (24 hours ended 0700) | owcbc | copc | omw | • | • | 47 | 1 | — | 2·4 | • | • |
| Croydon (24 hours ended 0700) | ocp$_0$ | op$_0$R$_0$o | ocmw | • | • | 45 | 1 | — | 3·4 | • | • |
| Greenwich (Royal Obsy.) | c'$_0$ | ocp | comw | 68 | 50 | 45 | 1 | — | 3·7 | 86 | 90 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 2·2 | • | |
| Westminster (St. James' Pk.) | • | • | • | | | | | | 2·0 | | |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 1·5 | • | • |
| Camden Square | o | ro | • | 65 | 51 | 47 | / | | • | • | 91 |
| Kensington Palace | cp | bco | • | 63 | 51 | 47 | 2 | — | • | 73 (18h) | 92 |
| Hampstead Observatory | bcb | b | • | 62 | 49 | 39 | 0·3 | — | 2·8 | • | 94 |

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 1800 G.M.T. 5th.

| | Max. | Time. | Min. | Time. |
|---|---|---|---|---|
| South Kensington | 0·3<br>0·3 | 16-21h 4th<br>6-12h 5th | <0·3 | 1-15h 5th |
| Kew Observatory | 0·5<br>0·4 | 17h 4th<br>7h 5th | <0·3 | 22h 4th to 5h 5th |

SOLAR RADIATION. Vertical component per square centimetre. During yesterday. South Kensington.

Total .............. joules
Average Rate .............. Milliwatts.
Maximum Rate .............. Milliwatts.

POLE STAR RECORD at Greenwich Obsy. Exposure from 5th 18 h. 30 m. to 6th 05 h. 15 m.

| Stars. | Exposure. h. m. | Record. h. m. | % |
|---|---|---|---|
| Polaris | 10.45 | 3,10 | 30 |
| δ Ursae Minoris | 10·45 | 2·18 | 21 |

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

| Time | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | - | - | - | - |
| 18h. | - | - | - | - |
| 01h. | - | - | - | - |
| 07h. | - | - | - | - |

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM. 6th & 7th October, 1922.

| Stations | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6·4<br>6·6 | 11·41<br>11·41 | 5·18<br>5·16 |
| Greenwich | 6·10<br>6·12 | 11·48<br>11·48 | 5·26<br>5·24 |
| Wick | 6·30<br>6·32 | 12·0<br>12·0 | 5·31<br>5·28 |
| Valencia | 6·51<br>6·53 | 12·29<br>12·29 | 6·7<br>6·5 |

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—1000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r$_0$r$_0$ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

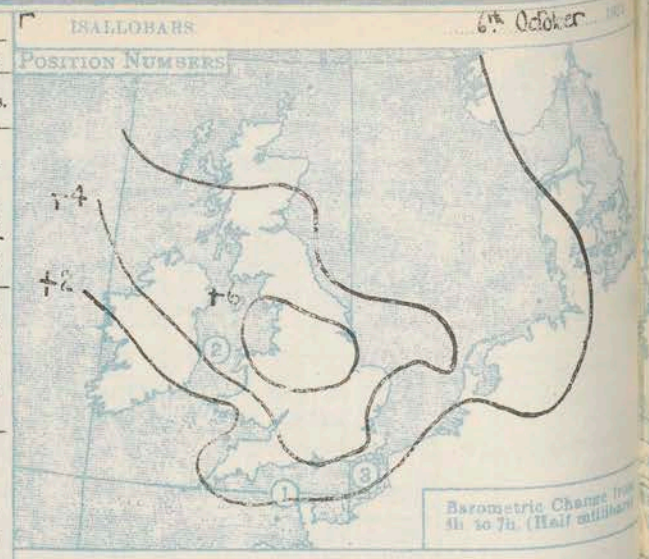
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

## Summaries for the Past 24 Hours.

| Stations. | Weather. 7h.–13h. 5th | 13h.–18h. 5th | 18h. 5th to 1h 6th | 1h.–7h. 6th | Temperature. Max. Day. 7h.–18h. | Min. Night. 18h.–7h. | Min. on Grass | Rainfall.† Day. 7h.–18h. mm. | Night. 18h.–7h. mm. | Precipitation began. | Precipitation began. | Sun. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | bc | bc | bc | bc | 51 | 41 | • | – | – | • | – | • |
| Stornoway | b-bc | p | bbc | ff | 58 | 40 | • | 1 | 1 | – | – | 2.2 |
| Wick | offd | bo | o | bbc | 52 | 47 | • | 0.1 | – | L0800 | – | • |
| Castlebay | cmobm | bFbc | bcoF | Fof | 57 | 52 | • | – | – | – | – | 5.8 |
| Nairn | prcm | cmgo | cbcoc | bu | 59 | 38 | • | 2 | – | 11.00 | – | 0.4 |
| Aberdeen | omrr | omr | om | ombc | 53 | 41 | 38 | 10 | – | L0800 | – | 0.0 |
| Malin Head | c | bcme | od me | offow | 57 | 53 | * | – | Trace | – | – | 7.3 |
| Renfrew | orm | obczo | om | ocw | 60 | 48 | 44 | 2 | – | L0800 | – | 2.2 |
| Edinburgh (Inchkeith) | r-dm | mm | ffo | c | 57 | 49 | 43 | 10 | Trace | 1330 | – | 0.0 |
| Leuchars | omro | r-d | form | form | 56 | 44 | 30 | 13 | Trace | L0800 | <2100 | 0.0 |
| Eskdalemuir | prmo | oo | omoom | bdmoc | 58 | 45 | 41 | 8 | 0.6 | L0800 | <2100 | 0.4 |
| Tynemouth | rm | orrm | iFrr | cm | 64 | 51 | 46 | 5 | 1 | 0900 | <2100 | • |
| Blacksod Point | | | | | | | • | | | | | • |
| Donaghadee | cc | bc | bc | bc | 59 | 54 | • | – | – | – | – | • |
| Birr Castle | colR | cobc | bcco | co | 59 | 47 | 40 | 5 | – | L0800 | – | * |
| Collinstown | oorrm | orpr | bcbo | o | 57 | 49 | * | 6 | Trace | L0800 | <2100 | 2.7 |
| Holyhead | oir | coPc | obcoc | c | 59 | 54 | * | 4 | – | 0900 | – | 1.4 |
| Liverpool (Bidston) | ccR | r-d | co | oo | 55 | 51 | 45 | 4 | – | 0900 | – | 0.3 |
| Chester (Shotwick) | cord | od prm | oopicm | omm | 60 | 49 | 44 | 5 | 0.3 | 0900 | 2200 | • |
| Spurn Head | c | c | F | o | 60 | 53 | * | Trace | 1 | L0800 | 01.30 | 2.2 |
| Nottingham | c | c | cm | ir | 62 | 48 | 43 | 1 | 2 | 11.00 | 02.30 | 5.0 |
| Cranwell | c | of | om | r | 63 | 48 | 44 | Trace | 3 | 13.30 | 03.30 | 4.9 |
| Gorleston | otprc | cpr | c | orq | 65 | 52 | 48 | 1 | 0.1 | 11.00 | 05.30 | 2.3 |
| Valencia (Cahirciveen) | | | c | | | | | | | | | |
| Roches Point | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | oc | cqp | o | oqpcq | 58 | 53 | • | 1 | 2 | 14.30 | <2100 | 4.4 |
| Ross-on-Wye | bccbbc | bcocopo | oromo | omgop | 62 | 51 | 45 | 1 | 2 | 11.00 | <2100 | 4.0 |
| Benson | cop | cp | opc | ofc | 62 | 48 | 43 | 1 | 1 | 11.00 | <2100 | • |
| Andover | opRco | ocopr | opo | opom | 62 | 49 | 42 | 2 | 5 | L0800 | <2100 | 4.9 |
| S. Farnborough | oprobcc | colrcbc | bcorro | bm | 63 | 49 | 44 | 0.1 | 2 | L0800 | <2100 | 4.3 |
| London (Kew Obsy.) | owcpc | copc | oo | omw | 62 | 51 | 47 | 1 | – | L0800 | – | 2.4 |
| Croydon | ocp | opPco | ocm | ocmw | 64 | 50 | 45 | 1 | – | 0900 | – | 3.4 |
| Clacton-on-Sea | oqc | cbc | bc | ccom | 65 | 50 | 44 | – | – | – | – | 2.8 |
| Shoeburyness | cprbcm | cmoPRlc | bm | cm | 65 | 48 | 42 | 5 | Trace | 0900 | – | 1.1 |
| Grain | cpc | copco | ojpc | co | 66 | 49 | 44 | 0.3 | – | L0800 | – | 3.8 |
| Lympne | orqmr | oprc | ocopr | ocbcom | 62 | 49 | 43 | 1 | 2 | 11.00 | <2100 | 2.0 |
| Scilly (St. Mary's) | coqp | ocqo | b | bcc | 58 | 53 | • | 0.5 | Trace | L0800 | 06.30 | 1.9 |
| Falmouth (Pendennis) | omqp | ocmpq | bc | mq | 59 | 55 | • | 0.2 | – | 12.30 | – | 3.9 |
| Plymouth (Cattewater) | octto | oprcor | oorc | cbcb | 60 | 54 | 49 | 1 | 0.3 | L0800 | <2100 | 4.3 |
| Portland Bill | b-bc | cqp | coqp | pobc | 60 | 52 | • | 0.5 | 2 | 1430 | 0230 | • |
| Southampton (Calshot) | c | p | p | c | 63 | 52 | 50 | 0.2 | 1 | 14.30 | <2100 | 5.7 |
| Dungeness | pq | bcpq | o | obc | 63 | 50 | • | 0.5 | – | L08.00 | – | • |
| Jersey | ocoro | ocoro | p | bcopo | 65 | 54 | • | 1 | 4 | 09.00 | 2200 | 5.3 |




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 2 | 5th. 10h. | Anglia | SSW | 4 | o | 55 | 56 |
| 1 | 5th. 12h. | Reindeer | W | 5 | c | 58 | 59 |
| 3 | 6th. 2h. | Arundel | NW | 2 | oR– | 56 | 59 |

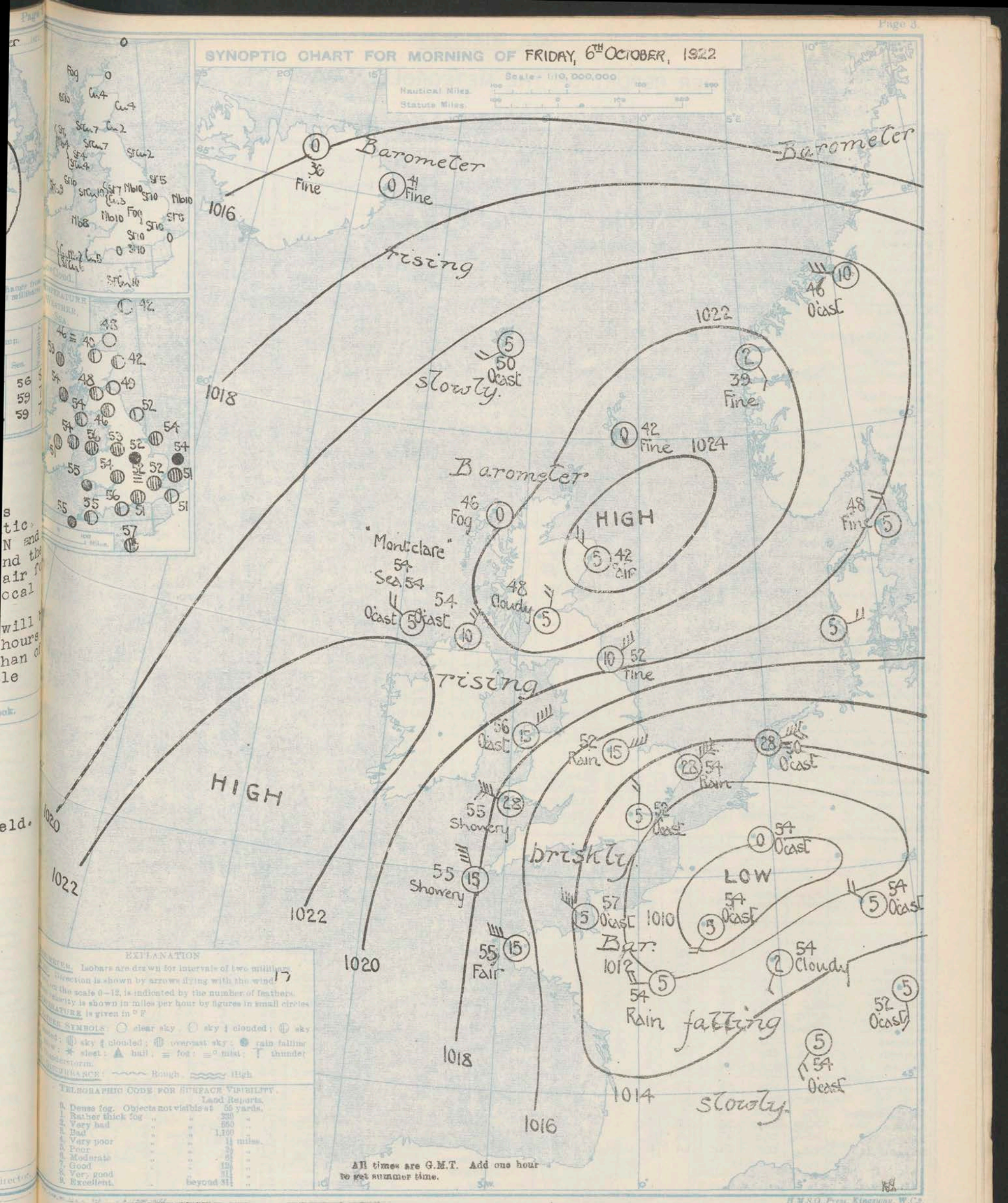
GENERAL INFERENCE.

A wedge of high pressure is spreading in from the Atlantic. Winds will be from between N and E for a time over England and the weather will be cloudy to fair for a day or two after slight local rain, while in Scotland and Ireland fair quiet weather will be maintained for at least 24 hours. Temperature will be lower than of late and some fog is probable inland at night.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 6th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England | Wind between North and East, moderate or fresh at first, decreasing; cloudy, with slight local rain at first, becoming generally fair; some fog at night inland; colder than of late. | With-held. |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Wind light and indefinite; fair; some fog at night inland; rather colder than of late. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930 GMT. G. C. Simpson, F.R.S., Director.

† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION...FRIDAY, 6th OCTOBER.....1922. No. 279.

Observations at 0100 G.M.T....6th.....

| STATIONS | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1020.9 | +3 | – | 0 | b | 44 | 92 | 7 | – | – | 0 | ACu | 1 | • |
| Stornoway ... ... | 1018.8 | +4 | – | 0 | b⁻ | • | • | 7 | • | • | • | • | • | • |
| Wick ... ... ... | 1020.1 | +4 | SE | 3 | bc⁻ | 50 | 92 | 8 | 1500 | St | 5 | – | 5 | • |
| Castlebay ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head ... ... | 1017.5 | +4 | NW'N | 3 | 0 | 55 | 92 | 6 | 1500 | StCu | 10 | – | 10 | • |
| Renfrew ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1017.3 | +5 | E | 3 | o/m | 52 | 92 | 8 | – | St | 10 | – | 10 | • |
| Leuchars ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth ... ... | 1015.0 | +7 | E | 4 | o/r | 53 | 97 | 6 | 4000 | Nb | 10 | – | 10 | • |
| Blacksod Point ... | | | | | | | | | | | | | | • |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | 1017.5 | +5 | NW'W | 4 | o | 53 | 92 | 7 | 1500 | St | 10 | – | 10 | • |
| Holyhead ... ... | 1013.7 | +3 | N | 4 | bc⁻ | 55 | 97 | 8 | 1500 | StCu | 2 | ACu | 5 | • |
| Liverpool (Bidston) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head ... ... | 1010.3 | +2 | ENE | 3 | o/r | 54 | 97 | 6 | 1500 | St | 10 | – | 10 | • |
| Nottingham ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell ... ... | 1010.6 | +3 | NNW | 3 | o | 50 | 92 | 6 | 4000 | St | 10 | – | 10 | • |
| Gorleston ... ... | 1009.5 | 0 | NNW | 1 | c | 52 | 92 | 7 | – | – | 0 | ASt | 7 | • |
| Valencia (Cahirciveen) | 1021.4 | +4 | W'N | 2 | c | 54 | 92 | 8 | – | Cu | 8 | – | 8 | • |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1014.5 | +3 | NW | 5 | o/pr. | 55 | 92 | 7 | 2500 | Nb | 10 | – | 10 | • |
| Ross-on-Wye ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.)... | • | • | • | • | • | 53 | • | • | • | • | • | • | • | • |
| Croydon ... ... | 1010.0 | +1 | WNW | 1 | c⁻ | 51 | 97 | 6 | 4000 | StCu | 7 | – | 7 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne ... ... | 1009.4 | 0 | NW | 1 | o/r | 49 | 97 | 7 | 5700 | StCu | 10 | – | 10 | • |
| Scilly (St. Mary's) ... | 1015.8 | 0 | NW'W | 5 | b⁻ | 55 | 92 | 8 | 4000 | StCu | 1 | – | 1 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1008.7 | -2 | W | 6 | c/r | 57 | 85 | 7 | 1500 | StCu | 8 | – | 8 | • |
| Southampton (Calshot) | 1009.6 | +1 | N | 3 | c⁻ | 54 | 92 | 8 | 2500 | StCu | 8 | – | 8 | • |
| Dungeness ... ... | 1009.3 | -1 | W | 1 | o | 52 | 97 | 8 | 5700 | StCu | 10 | – | 10 | • |
| Jersey 7h } ... ... | 1011.4 | -4 | WSW | 6 | cPR | 55 | 85 | 8 | 5700 | CuNb | 6 | ACu | 8 | • |
| Guernsey 1h } | | | | | | | | | | | | | | |

Observations at 0700 G.M.T.....6th.....

| STATIONS | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1023.9 | +3 | – | 0 | b | 42 | 97 | 7 | – | – | 0 | ACu | 2 | 0 |
| Stornoway ... ... | 1021.9 | +3 | – | 0 | ffo | 46 | 97 | 1 | 450 | St | 10 | – | 10 | 0 |
| Wick ... ... ... | 1023.7 | +3 | S | 1 | b | 48 | 92 | 8 | – | – | 0 | – | 0 | 1 |
| Castlebay ... ... | 1022.5 | +4 | NW | 2 | mmo | 53 | 97 | 6 | 800 | St | 10 | – | 10 | 2 |
| Nairn ... ... ... | 1023.1 | • | – | 0 | bc⁻ | 40 | 85 | 8 | 4000 | Cu | 4 | – | 4 | • |
| Aberdeen ... ... | 1024.5 | +4 | NW'N | 2 | bc⁻ | 42 | 97 | 6 | 2500 | Cu | 4 | – | 4 | 0 |
| Malin Head ... ... | 1021.5 | +5 | NNE | 3 | mo⁻ | 54 | 97 | 5 | 450 | St | 10 | – | 10 | 3 |
| Renfrew ... ... | 1023.4 | +5 | NNE | 2 | c⁻ | 48 | 85 | 8 | 4000 | StCu | 7 | – | 7 | • |
| Edinburgh (Inchkeith) | 1022.6 | +4 | NNE | 3 | b⁻ | 49 | 75 | 8 | | Cu | 2 | – | 2 | • |
| Leuchars ... ... | 1023.2 | +5 | NNW | 2 | c | 45 | 92 | 8 | 2500 | StCu | 8 | – | 8 | • |
| Eskdalemuir ... ... | 1022.7 | +5 | NNE | 3 | c⁻ | 46 | 97 | 7 | 1500 | StCu | 7 | – | 7 | • |
| Tynemouth ... ... | 1020.6 | +4 | NE | 3 | b⁻ | 52 | 85 | 7 | 4000 | StCu | 2 | – | 2 | 2 |
| Blacksod Point ... | | | | | | | | | | | | | | |
| Donaghadee ... ... | 1021.2 | +5 | NE'N | 2 | c+ | 54 | 92 | 8 | 1500 | StCu | 8 | – | 8 | 1 |
| Birr Castle ... ... | 1021.9 | • | NW | 2 | o+ | 51 | 97 | 6 | 1500 | StCu | 9 | – | 9 | • |
| Collinstown ... ... | 1021.3 | +4 | N'W | 3 | o | 54 | 92 | 6 | 1500 | St | 10 | – | 10 | • |
| Holyhead ... ... | 1019.0 | +6 | NE | 4 | o⁻ | 56 | 85 | 8 | 4000 | StCu | 10 | – | 10 | 2 |
| Liverpool (Bidston) ... | 1018.3 | +6 | NE'N | 3 | o+ | 53 | 92 | 5 | 1500 | St | 10 | – | 10 | 4 |
| Chester (Shotwick) ... | 1018.0 | +6 | NNE | 3 | o | 54 | 85 | 6 | 800 | St | 10 | – | 10 | • |
| Spurn Head ... ... | 1016.5 | +6 | ENE | 6 | c | 54 | 85 | 7 | 1500 | St | 5 | ACu | 7 | 6 |
| Nottingham ... ... | 1015.7 | • | ENE | 4 | o/r | 52 | 92 | 7 | 800 | Nb | 10 | – | 10 | • |
| Cranwell ... ... | 1015.7 | +7 | NE | 4 | o/r | 52 | 92 | 6 | 1500 | St | 10 | – | 10 | • |
| Gorleston ... ... | 1013.1 | +3 | NE | 6 | o/r | 54 | 85 | 7 | 2500 | Nb | 10 | – | 10 | 3 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1017.5 | +2 | WNW | 6 | c/p | 55 | 92 | 7 | 2500 | Nb | 8 | – | 8 | 6 |
| Ross-on-Wye ... ... | 1014.9 | +3 | N | 3 | o/r | 54 | 92 | 6 | 1500 | Nb | 10 | – | 10 | • |
| Benson... ... ... | 1012.9 | +3 | NNW | 2 | ffo | 52 | 97 | 2 | – | St | 10 | – | 10 | • |
| Andover ... ... | 1013.3 | +3 | NNE | 3 | o⁻ | 52 | 97 | 4 | 800 | St | 10 | – | 10 | • |
| S. Farnborough ... | 1012.7 | +3 | – | 0 | mmo | 51 | 97 | 4 | 450 | St | 10 | – | 10 | • |
| London (Kew Obsy.)... | 1012.9 | +4 | N | 2 | mo+ | 52 | 92 | 5 | 800 | St | 10 | – | 10 | • |
| Croydon ... ... | 1012.8 | +4 | NNE | 3 | o | 52 | 97 | 4 | 225 | St | 10 | – | 10 | • |
| Clacton-on-Sea ... | 1010.9 | +2 | NNW | 3 | o+ | 51 | 92 | 5 | 2500 | St | 8 | ASt | 10 | 0 |
| Shoeburyness ... ... | 1011.7 | +1 | NW | 2 | cm⁻ | 52 | 92 | 6 | 1500 | St | 6 | ACu | 8 | 0 |
| Grain ... ... ... | 1011.7 | +4 | NNW | 4 | o | 52 | 97 | 6 | 800 | St | 10 | – | 10 | 0 |
| Lympne ... ... | 1010.9 | +3 | N | 4 | o⁻ | 51 | 97 | 6 | 450 | St | 7 | ACu | 9 | • |
| Scilly (St. Mary's) ... | 1018.5 | +1 | N'W | 4 | cpr. | 55 | 85 | 8 | 4000 | StCu | 8 | – | 8 | 5 |
| Falmouth (Pendennis) | 1017.5 | +5 | NNW | 4 | bc | 55 | 85 | 7 | 4000 | Cu | 5 | – | 5 | 0 |
| Plymouth (Cattewater) | 1015.8 | +3 | NNW | 5 | bc⁻ | 55 | 85 | 7 | 1500 | Cu | 6 | – | 6 | 0 |
| Portland Bill ... ... | 1013.9 | +5 | N | 4 | bc⁻ | 56 | 85 | 7 | – | – | 0 | CiCu | 4 | 5 |
| Southampton (Calshot) | 1013.0 | +5 | NNW | 4 | o+ | 53 | 92 | 5 | 800 | St | 10 | – | 10 | 0 |
| Dungeness ... ... | 1010.5 | +2 | NNE | 3 | bc+ | 51 | 97 | 6 | – | – | 0 | ASt | 6 | 4 |
| Jersey 7h } ... ... | 1013.0 | +1 | NW | 4 | o/r | 57 | 85 | 8 | 2500 | StCu | 10 | – | 10 | 3 |
| Guernsey 1h } | | | | | | | | | | | | | | |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR....Thursday, 5th October

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 4th | Temperature. Max. Day. 5th | Rainfall.† Night 17h.-9h. 4th-5th | Rainfall.† Day 9h.-17h. 5th | Sunshine. Sunrise to 17h. 5th | Sunshine. Sunrise to Sunset. 4th |
|---|---|---|---|---|---|---|---|---|
| | | | °F. | °F. | mm. | mm. | hr. | hr. |
| Banff ... ... | odg | gc | 52 | 55 | 1 | 0.1 | 0.0 | 0.0 |
| Montrose ... ... | * | * | 52 | 55 | 2 | 2 | 0.0 | 1.7 |
| Llandudno ... ... | co | ror | 52 | 60 | 1 | 2 | 1.0 | 4.9 |
| Colwyn Bay ... | ocp | cdr | 54 | 59 | 2 | 6 | 1.5 | 6.5 |
| Rhyl... ... ... | crbc | rcbc | 54 | 59 | 2 | 3 | 1.1 | 5.1 |
| Southport ... ... | oporc | cbc | 53 | 59 | - | 3 | 3.7 | 1.7 |
| Blackpool ... ... | o | pc | 55 | 61 | 1 | 0.4 | 2.6 | 0.0 |
| Harrogate ... ... | ocbc | cbp | 52 | 60 | 2 | 2 | 1.1 | 0.3 |
| Skegness ... ... | rocb | bcore | 54 | 64 | 2 | 0.4 | 3.7 | ? |
| Aberystwyth ... | rc | co | 55 | 57 | 6 | 3 | 2.0 | 0.0 |
| Bath ... ... | obcep | bbcep | 56 | 61 | - | - | 6.0 | 0.0 |
| Leamington Spa ... | bc | ocrcb | 55 | 61 | - | 2 | 4.6 | 0.0 |
| Lowestoft ... ... | ocop. | bcp.o | 56 | 65 | 0.3 | 1 | 2.9 | 2.0 |
| Felixstowe ... ... | bcm | bcc | 57 | 65 | 1 | - | 3.9 | 0.7 |
| Southend ... ... | oc | cor | 56 | 64 | 6 | 1 | 3.0 | 1.1 |

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 4th | Temperature. Max. Day. 5th | Rainfall.† Night 17h.-9h. 4th-5th | Rainfall.† Day 9h.-17h. 5th | Sunshine. Sunrise to 17h. 5th | Sunshine. Sunrise to Sunset. 4th |
|---|---|---|---|---|---|---|---|---|
| | | | °F. | °F. | mm. | mm. | hr. | hr. |
| Paignton ... ... | wbcq | bcpqcpq | 56 | 62 | 1 | 2 | 5.9 | 0.8 |
| Ilfracombe ... ... | ocor | or+ | 54 | 58 | 1 | 7 | 3.2 | 0.0 |
| Bude ... ... | ocord | ocdc | 56 | 59 | 2 | 1 | 1.6 | 0.0 |
| Penzance ... ... | cprbc | bc | 55 | 59 | 1 | 1 | 4.2 | 0.0 |
| Falmouth Observatory | cpq | bc | 55 | 59 | 1 | 0.4 | 4.4 | 0.0 |
| Torquay ... ... | bcpc | pbcc | 55 | 62 | 0.3 | 1 | 6.4 | 0.7 |
| Weymouth ... ... | cp | cp'bc | 55 | 64 | 5 | 4 | 4.9 | 0.0 |
| Bournemouth ... | bcb | rc | 56 | 63 | 6 | 7 | 4.2 | 0.1 |
| Portsmouth (S'thsea) | bc | bc | 57 | 64 | 7 | - | 5.8 | 1.2 |
| Worthing ... ... | bc | bcc | 58 | 63 | 11 | - | 6.2 | 11.0 |
| Brighton ... ... | obc | cbo | 58 | 62 | 8 | 0.2 | 6.3 | 0.0 |
| Eastbourne ... ... | cbc | bcc | 58 | 63 | 5 | 0.1 | 5.6 | 0.3 |
| Hastings ... ... | od.oc | cbc | 57 | 64 | 8 | 0.3 | 5.5 | 0.0 |
| Folkestone ... ... | opo | c | 56 | 63 | 5 | 2 | 3.0 | 0.0 |
| Tunbridge Wells ... | ocbc | bcoro | 56 | 65 | 3 | 2 | 3.6 | 0.3 |
| Ramsgate ... ... | obcbr | brbc | 56 | 66 | 8 | 2 | 4.0 | 0.4 |
| Margate ... ... | cbcp | co | 57 | 63 | 8 | 1 | 3.1 | 0.3 |
| Deal ... ... ... | orcp | bccp | 56 | 64 | 5 | 1 | 2.3 | 0.5 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22234 SATURDAY, 7th OCTOBER...1922. 

Observations at 1300 G.M.T. 6th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1025.5 | +1 | SSW | 1 | b | 52 | 85 | 8 | 5700 | StCu | 2 | · | 2 | · |
| Stornoway | 1024.9 | +3 | - | 0 | fo- | 53 | 97 | 3 | 450 | St | 10 | · | 10 | · |
| Wick | 1025.3 | +2 | SW | 3 | b- | 53 | 85 | 8 | - | - | 0 | - | 0 | · |
| Castlebay | 1025.7 | +2 | - | 0 | mmo | 55 | 85 | 6 | 800 | St | 10 | - | 10 | · |
| Nairn | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Aberdeen | 1026.9 | +2 | SE | 2 | b | 58 | 65 | 7 | - | - | 0 | - | 0 | · |
| Malin Head | 1025.1 | +2 | E'S | 3 | bc | 55 | 85 | 7 | 4000 | Cu | 1 | ACu | 4 | · |
| Renfrew | 1026.3 | +2 | NE | 2 | b+ | 54 | 65 | 7 | 5700 | Cu | 3 | · | 3 | · |
| Edinburgh (Inchkeith) | 1026.0 | +3 | E | 3 | b | 58 | 75 | 8 | * | Cu | 2 | · | 2 | · |
| Leuchars | 1026.1 | +3 | NE | 3 | bc | 56 | 75 | 8 | 4000 | StCu | 4 | · | 4 | · |
| Eskdalemuir | 1025.4 | +2 | NE | 4 | bc- | 54 | 65 | 8 | 2500 | StCu | 6 | · | 6 | · |
| Tynemouth | 1024.6 | +4 | E | 3 | b | 54 | 85 | 7 | 4000 | CuNb | 3 | · | 3 | · |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1025.1 | +4 | E | 3 | b+ | 55 | 75 | 8 | · | - | 0 | CiCu | 1 | · |
| Birr Castle | 1023.9 | · | NW | 1 | c- | 56 | 92 | 7 | 4000 | StCu | 8 | · | 8 | · |
| Collinstown | 1025.4 | +3 | NE'N | 3 | o- | 55 | 92 | 7 | 2500 | StCu | 9 | · | 9 | · |
| Holyhead | 1023.3 | +4 | NE | 5 | b- | 56 | 85 | 8 | 2500 | Cu | 3 | · | 3 | · |
| Liverpool (Bidston) | 1022.4 | +3 | NE'E | 3 | b- | 56 | 55 | 7 | 4000 | StCu | 3 | · | 3 | · |
| Chester (Shotwick) | 1022.9 | +4 | NE | 3 | bc | 57 | 65 | 7 | 4000 | StCu | 6 | · | 6 | · |
| Spurn Head | 1021.8 | +5 | NE | 6 | c | 56 | 75 | 7 | 4000 | Cu | 7 | · | 7 | · |
| Nottingham | 1020.7 | · | ENE | 4 | bc | 57 | 65 | 7 | 4000 | Cu | 4 | · | 4 | · |
| Cranwell | 1021.4 | +4 | NE | 5 | c | 56 | 75 | 8 | 2500 | Cu | 7 | · | 7 | · |
| Gorleston | 1019.0 | +6 | ENE | 7 | bc- | 56 | 65 | 7 | 4000 | Cu | 5 | · | 5 | · |
| Valencia (Cahirciveen) | 1024.8 | +3 | N | 2 | o+ | 54 | 85 | 9 | - | - | 0 | ASt | 9 | · |
| Roches Point | | | | | | | | | | | | | | · |
| Pembroke (St. Ann's H.) | 1021.0 | +4 | NNE | 4 | bc- | 60 | 75 | 8 | 4000 | Cu | 4 | · | 4 | · |
| Ross-on-Wye | 1019.6 | +4 | NE | 4 | bc- | 56 | 65 | 7 | 4000 | Cu | 4 | · | 4 | · |
| Benson | 1018.0 | +6 | NNE | 5 | o/f | 54 | 75 | 7 | * | StCu | 10 | · | 10 | · |
| Andover | 1017.4 | +4 | NE | 5 | o | 53 | 85 | 7 | 1500 | St | 10 | · | 10 | · |
| S. Farnborough | 1016.6 | +4 | NNE | 3 | o | 53 | 85 | 7 | 1500 | Nb | 10 | · | 10 | · |
| London (Kew Obsy.) | 1017.1 | +5 | NE'N | 4 | o | 54 | 75 | 6 | 1500 | StCu | 7 | ASt | 10 | · |
| Croydon | 1016.4 | +3 | NE | 5 | odd₀ | 52 | 92 | 6 | 1500 | St | 10 | · | 10 | · |
| Clacton-on-Sea | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Shoeburyness | 1016.1 | +5 | NE | 7 | oPR. | 54 | 85 | 7 | 2500 | St | 10 | · | 10 | · |
| Grain | 1015.5 | +4 | NE | 7 | or. | 55 | 92 | 6 | 800 | Nb | 10 | · | 10 | · |
| Lympne | 1014.0 | +3 | N'E | 3 | o | 56 | 92 | 7 | 1500 | St | 7 | ASt | 9 | · |
| Scilly (St. Mary's) | 1020.3 | +1 | NNW | 3 | c | 58 | 85 | 7 | 4000 | StCu | 8 | · | 8 | · |
| Falmouth (Pendennis) | 1019.2 | 0 | NW | 4 | c | 60 | 85 | 7 | 4000 | CuNb | 7 | · | 7 | · |
| Plymouth (Cattewater) | 1018.1 | +3 | NNE | 4 | c | 59 | 75 | 6 | 2500 | StCu | 8 | · | 8 | · |
| Portland Bill | 1015.5 | +3 | NW'N | 4 | bc+ | 58 | 85 | 6 | · | · | 0 | ACu | 6 | · |
| Southampton (Calshot) | 1017.0 | +5 | NNE | 4 | o | 57 | 85 | 6 | 1500 | StCu | 10 | · | 10 | · |
| Dungeness | 1013.9 | +3 | NNE | 4 | c/r | 57 | 92 | 7 | 2500 | Cu | 8 | · | 8 | · |
| Jersey | 1015.7 | +1 | N | 3 | o | 60 | 85 | 8 | 2500 | StCu | 10 | · | 10 | · |

Observations at 1800 G.M.T. 6th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1025.9 | 0 | SW | 1 | o+ | 48 | 92 | 7 | · | · | 0 | ASt | 10 | 0 |
| Stornoway | 1026.5 | +2 | - | 0 | mo- | 54 | 94 | 4 | 450 | St | 10 | · | 10 | 0 |
| Wick | 1026.1 | +1 | SSW | 2 | bc+ | 48 | 92 | 8 | - | - | 0 | CiSt | 4 | 0 |
| Castlebay | 1027.2 | +3 | NW | 2 | o/f | 54 | 85 | 7 | 800 | St | 10 | · | 10 | 2 |
| Nairn | 1026.1 | · | - | 0 | bc | 48 | 92 | 7 | 4000 | Cu | 2 | ACu | 5 | · |
| Aberdeen | 1027.8 | +2 | S'E | 1 | b | 48 | 85 | 6 | - | · | 0 | · | 0 | 0 |
| Malin Head | 1026.7 | +3 | ESE | 3 | b- | 55 | 75 | 7 | - | - | 0 | ACu | 3 | 1 |
| Renfrew | 1027.7 | +3 | NE | 1 | b | 49 | 85 | 5 | - | · | 0 | · | 0 | · |
| Edinburgh (Inchkeith) | 1027.5 | +3 | E | 1 | b | 50 | 85 | 8 | * | St | 1 | · | 1 | 1 |
| Leuchars | 1027.8 | +3 | · | 0 | b- | 46 | 92 | 8 | - | · | 0 | ASt | 1 | * |
| Eskdalemuir | 1028.0 | +4 | · | 0 | b= | 53 | 85 | 7 | · | · | 0 | · | 0 | · |
| Tynemouth | 1026.3 | +2 | NE | 2 | b | 51 | 85 | 7 | 4000 | CuNb | 3 | - | 3 | 2 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1026.7 | +1 | N | 1 | b | 53 | 85 | 8 | · | · | 0 | · | 0 | 0 |
| Birr Castle | 1026.5 | · | E | 2 | bc- | 53 | 92 | 8 | 2500 | St | 3 | ACu | 5 | · |
| Collinstown | 1027.7 | +3 | NNE | 2 | b | 44 | 85 | 7 | 4000 | StCu | 2 | CiSt | 3 | · |
| Holyhead | 1025.1 | +3 | NNE | 4 | b | 55 | 85 | 8 | - | · | 0 | ASt | 2 | 1 |
| Liverpool (Bidston) | 1024.9 | +3 | NE'E | 3 | bc | 53 | 94 | 6 | 2500 | St | 2 | CiSt | 4 | 4 |
| Chester (Shotwick) | 1025.0 | +3 | NE | 3 | c+ | 52 | 85 | 4 | 4000 | StCu | 7 | · | 7 | · |
| Spurn Head | 1024.4 | +3 | NE | 4 | b | 52 | 85 | 8 | 4000 | Cu | 1 | - | 1 | 5 |
| Nottingham | 1024.2 | · | NNE | 3 | b- | 50 | 85 | 6 | · | · | 0 | · | 0 | · |
| Cranwell | 1024.5 | +4 | NNE | 3 | b- | 48 | 85 | 8 | 4000 | StCu | 3 | · | 3 | · |
| Gorleston | 1021.0 | +2 | NE | 7 | bc- | 54 | 65 | 7 | 4000 | Cu | 4 | · | 4 | 6 |
| Valencia (Cahirciveen) | 1026.8 | +2 | N | 2 | b- | 53 | 92 | 9 | - | StCu | 3 | - | 3 | · |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1023.5 | +3 | NE | 3 | b | 55 | 75 | 8 | 2500 | St | 1 | - | 1 | 3 |
| Ross-on-Wye | 1022.7 | +4 | NE | 3 | b- | 52 | 75 | 7 | 4000 | Cu | 1 | - | 1 | · |
| Benson | 1021.9 | +4 | NE | 4 | b | 49 | 85 | 8 | 4000 | St | 1 | · | 1 | · |
| Andover | 1021.0 | +3 | NE | 3 | b- | 51 | 75 | 8 | 4000 | StCu | 1 | - | 1 | · |
| S. Farnborough | 1020.9 | +5 | NNE | 3 | b- | 50 | 75 | 8 | 4000 | Cu | 3 | · | 3 | · |
| London (Kew Obsy.) | 1021.1 | +5 | NE | 4 | b | 52 | 65 | 5 | 4000 | StCu | 1 | - | 1 | · |
| Croydon | 1020.5 | +5 | NE | 5 | c- | 52 | 75 | 6 | 2500 | StCu | 8 | - | 8 | · |
| Clacton-on-Sea | 1019.8 | +3 | NE | 4 | c | 53 | 75 | 7 | 2500 | Cu | 7 | - | 7 | 4 |
| Shoeburyness | 1020.0 | +5 | NE | 5 | bc/r | 51 | 75 | 8 | 2500 | CuNb | 4 | - | 4 | · |
| Grain | 1019.8 | +5 | NNE | 6 | o- | 53 | 75 | 8 | 2500 | St | 9 | - | 9 | 3 |
| Lympne | 1018.0 | +5 | NNE | 6 | odd₀ | 51 | 92 | 6 | 800 | Nb | 10 | - | 10 | · |
| Scilly (St. Mary's) | 1022.1 | +2 | NNE | 3 | bc- | 56 | 92 | 7 | 2500 | StCu | 5 | · | 5 | 5 |
| Falmouth (Pendennis) | 1022.2 | +5 | NE | 4 | o+ | 57 | 75 | 6 | 4000 | StCu | 9 | · | 9 | 0 |
| Plymouth (Cattewater) | 1021.3 | +3 | NE | 4 | c- | 56 | 75 | 7 | 2500 | StCu | 7 | · | 7 | 0 |
| Portland Bill | 1020.8 | +3 | NW'N | 5 | bc | 58 | 85 | 6 | - | - | 0 | CiCu | 6 | 5 |
| Southampton (Calshot) | 1020.0 | +3 | NNE | 4 | o | 55 | 75 | 7 | 2500 | StCu | 10 | · | 10 | 0 |
| Dungeness | 1017.6 | +4 | NE | 5 | orr | 53 | 94 | 7 | 1500 | Nb | 10 | - | 10 | 5 |
| Jersey | 1016.1 | +1 | NE | 3 | o | 57 | 92 | 8 | 2500 | StCu | 10 | - | 10 | 3 |

LONDON OBSERVATIONS.

| London Observations | Weather Morning | Weather Afternoon | Weather Night | Temperature Max. °F. | Temperature Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 Hours ended 0900 G.M.T. 7th | | | | | | | | Yesterday. | | To-day. |
| Kew | omwoz | ogbm | bmbb | · | · | 41 | - | - | 0.0 | · | · |
| Croydon {24 hours ended 0700 | omdzm | omdzj | cbmwo | · | · | 38 | Tr. | Tr. | 0.0 | · | · |
| Greenwich (Royal Obsy.) | op | oc | bcVb | 56 | 46 | 40 | - | - | 0.0 | 70 | 67 |
| City (Bunhill Row) | · | · | · | · | · | · | · | · | 0.0 | · | · |
| Westminster (St. James' Pk.) | co | co | bcbc | 57 | 48 | · | — | | 0.0 | 67 | 66 |
| Regent's Pk. (Botanic Gdns). | · | · | · | · | · | · | · | · | 0.0 | · | · |
| Camden Square | c | o | · | 55 | 47 | 42 | - | - | · | · | 70 |
| Kensington Palace | o | obc | b | 56 | 47 | 41 | - | - | · | 72(18h) | 69 |
| Hampstead Observatory | od | bc | b | 56 | 45 | 38 | Tr. | - | 0.2 | · | 86 |

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 6th

| | Max. | Time. | Min. | Time. |
|---|---|---|---|---|
| South Kensington | 0.3 | 16-23h.5th | <0.3 | 1-3h 6th |
| | 0.3 | 5-12h.6th | | |
| Kew Observatory | 0.5 | 19h.5th | <0.3 | 24h.5th to 1h.6th |
| | 0.9 | 7h.6th | | |

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate ..............Milliwatts.

Maximum Rate ..............Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 6th 18 h. 30 m. to 7th 05 h. 15 m.

| Stars. | Exposure. h. m. | Record. h. m. | Record. % |
|---|---|---|---|
| Polaris | 10 45 | 9 00 | 84 |
| δ Ursae Minoris | 10 45 | 7.58 | 75 |

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

| Time | Type. | No. per 4 sec. | Stren. | Direc. ° |
|---|---|---|---|---|
| 13h. | $C_1C_2$ | 7 | - | 100 |
| 18h. | $CC_2$ | 7 | - | 80 |
| 01h. | C | 6 | - | 80 |
| 07h. | C | 5 | - | 100 |

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

7th & 8th October 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.6 / 6.8 | 11.41 / 11.41 | 5.16 / 5.14 |
| Greenwich | 6.12 / 6.14 | 11.48 / 11.48 | 5.24 / 5.22 |
| Wick | 6.32 / 6.35 | 12.0 / 12.0 | 5.28 / 5.25 |
| Valencia | 6.53 / 6.55 | 12.29 / 12.29 | 6.5 / 6.3 |

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
$r_or_o$ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

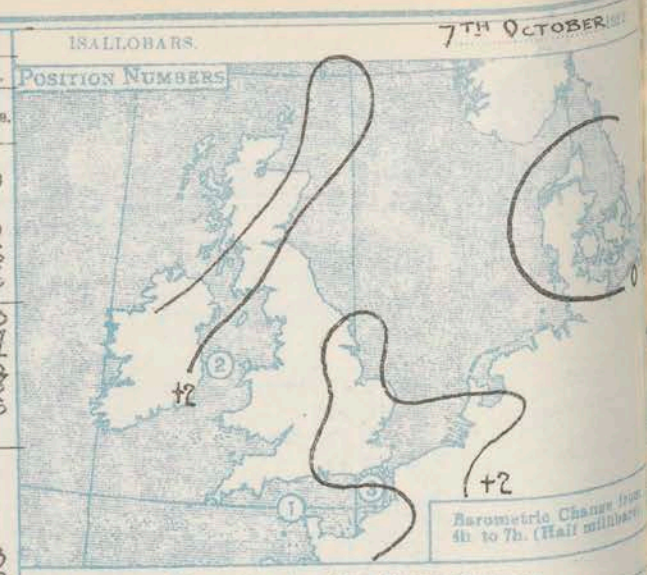
| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

SEA DISTURBANCE.
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

## Summaries for the Past 24 Hours.

| Stations. | Weather. 7h.-13h. 6th | Weather. 13h.-18h. 6th | Weather. 18h. 6th to 1h. 7th | Weather. 1h.-7h. 7th | Temperature. Max. Day. 7h.-18h. | Temperature. Min. Night. 18h.-7h. | Temperature. Min. on Grass | Rainfall.† Day. 7h.-18h. mm. | Rainfall.† Night. 18h.-7h. mm. | Rainfall.† Precipitation began. | Rainfall.† Precipitation began. | Sun. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | bc | bc | c | ofg | 53 | 45 | · | - | — | - | — | · |
| Stornoway ... ... | f-m | f-m | c | o | 55 | 49 | · | - | — | - | — | 0.0 |
| Wick ... ... ... | b-bc | b-bc | o | o | 53 | 43 | · | - | — | - | — | · |
| Castlebay ... ... | off | ofo | o | opo | 55 | 51 | · | - | Trace | - | — | 0.0 |
| Nairn ... ... ... | bcobc | bcm | cgm | cm | 54 | 45 | · | - | — | - | — | 5.6 |
| Aberdeen ... ... | bcmb | bbm | bmw | bmw | 58 | 39 | 30 | - | — | - | — | 8.5 |
| Malin Head ... ... | bcz | bcz | bcz w | bqw | 56 | 41 | · | - | — | - | — | 5.3 |
| Renfrew ... ... | cbcbb | bznkw | bmffx | offe | 56 | 31 | 26 | - | Trace | - | — | 8.7 |
| Edinburgh (Inchkeith) | b-bc | bb | bbc | F | 58 | 41 | 35 | - | Trace | - | 06.30 | 9.5 |
| Leuchars ... ... | b-bc | b-bc | bbc | bbc | 56 | 36 | 24 | - | — | - | — | 9.8 |
| Eskdalemuir ... ... | cbc | bcyb | b | bbx | 55 | 30 | 23 | - | — | - | — | 7.6 |
| Tynemouth ... ... | b-bc | b-bc | bcom | bcm | 54 | 41 | 36 | - | — | - | — | · |
| Blacksod Point ... | | | | | | | | | | | | · |
| Donaghadee ... ... | bc | bc | bc | c | 57 | 42 | · | · | — | · | — | · |
| Birr Castle ... ... | zc | cobc | bc | cffox | 59 | 32 | 29 | - | — | - | — | · |
| Collinstown ... ... | oo | ocbcb | bb | bbcc | 54 | 39 | · | - | — | - | — | 2.3 |
| Holyhead ... ... | ocbc | bcb | bbm | bbmw | 56 | 46 | 41 | - | — | - | — | 8.2 |
| Liverpool (Bidston) ... | cbc | bc | for | m | 57 | 42 | 34 | - | — | - | — | 4.7 |
| Chester (Shotwick) ... | acbcm | bccm | cbhf | bwxff | 59 | 35 | 30 | · | — | - | — | · |
| Spurn Head ... ... | c | b-bc | bbc | bbc | 58 | 50 | · | - | — | · | — | 8.2 |
| Nottingham ... ... | pc | b-bc | b | b | 54 | 44 | 41 | Trace | — | <0800 | — | 5.5 |
| Cranwell ... ... | c | ocbcc | bcb | boc | 54 | 41 | 39 | Trace | — | 09.00 | — | 4.7 |
| Gorleston ... ... | odcq | bccq | bcqfq | cbcq | 54 | 52 | 47 | - | — | - | — | 4.3 |
| Valencia (Cahirciveen) | o | b | bc | | | | | | | | | · |
| Roches Point ... ... | | | | | | | · | | | | | · |
| Pembroke (St. Ann's H.) | oprq | bc | bbc | bbc | 61 | 43 | · | · | — | · | — | 4.5 |
| Ross-on-Wye ... ... | odidtc | bcbcb | bbw | bbco | 54 | 42 | 35 | 0.1 | — | <0800 | — | 4.0 |
| Benson ... ... ... | fro | ocbcb | b | ow | 56 | 34 | 29 | 0.5 | 0.1 | 09.00 | — | · |
| Andover ... ... | omq | oocbc | bbcb | bbcco | 56 | 42 | 39 | - | — | - | — | 0.0 |
| S. Farnborough ... | orzofo | ocbcb | b | ecb | 55 | 45 | 37 | 0.1 | — | 11.00 | — | 0.0 |
| London (Kew Obsy.) ... | omwoz | ozbm | bmbb | bbm | 56 | 47 | 41 | - | — | - | — | 0.0 |
| Croydon ... ... | omqm | omqq | cbm | bbccmw | 55 | 45 | 38 | Trace | Trace | 09.00 | — | 0.0 |
| Clacton-on-Sea ... | op | oc | cbc | bc | 55 | 51 | 46 | 2 | — | 0900 | — | 0.1 |
| Shoeburyness ... ... | p | cmoprcbc | bc | bc | 56 | 46 | 44 | 4 | — | <0800 | — | 0.0 |
| Grain ... ... ... | orrR | oirp | acbcq | bccq | 56 | 49 | 46 | 2 | — | <0800 | — | 0.0 |
| Lympne ... ... | omfrd | orqgm | ocbcbcw | bcbcw | 54 | 47 | 42 | 5 | 0.1 | 0900 | <2100 | 0.1 |
| Scilly (St. Mary's) ... | p | cbc | bcb | bc | 59 | 48 | · | 0.2 | — | 15.30 | — | 3.8 |
| Falmouth (Pendennis) | bccmq | cmqcm | bm | bm | 61 | 46 | · | Trace | — | <0800 | — | 5.3 |
| Plymouth (Cattewater) | oprc | c | cb | b | 62 | 46 | 39 | Trace | — | <0800 | — | 1.5 |
| Portland Bill ... ... | oo | c | bcb | bbc | 60 | 45 | · | - | — | - | — | · |
| Southampton (Calshot) | oo | oo | c | b | 58 | 46 | 43 | - | — | - | — | 0.6 |
| Dungeness ... ... | mirc | oqirr | cq | cq | 60 | 53 | · | 2 | 0.1 | <0800 | <2100 | · |
| Jersey | oco | oco | o | b | 61 | 53 | · | - | — | - | — | 2.8 |




### Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 2 | 6th 10h | Anglia | N'E | 6 | 0 | 55 | 56 |
| 3 | 7th 2h | Dieppe | NE | 5 | 0 | 49 | 59 |

### General Weather.

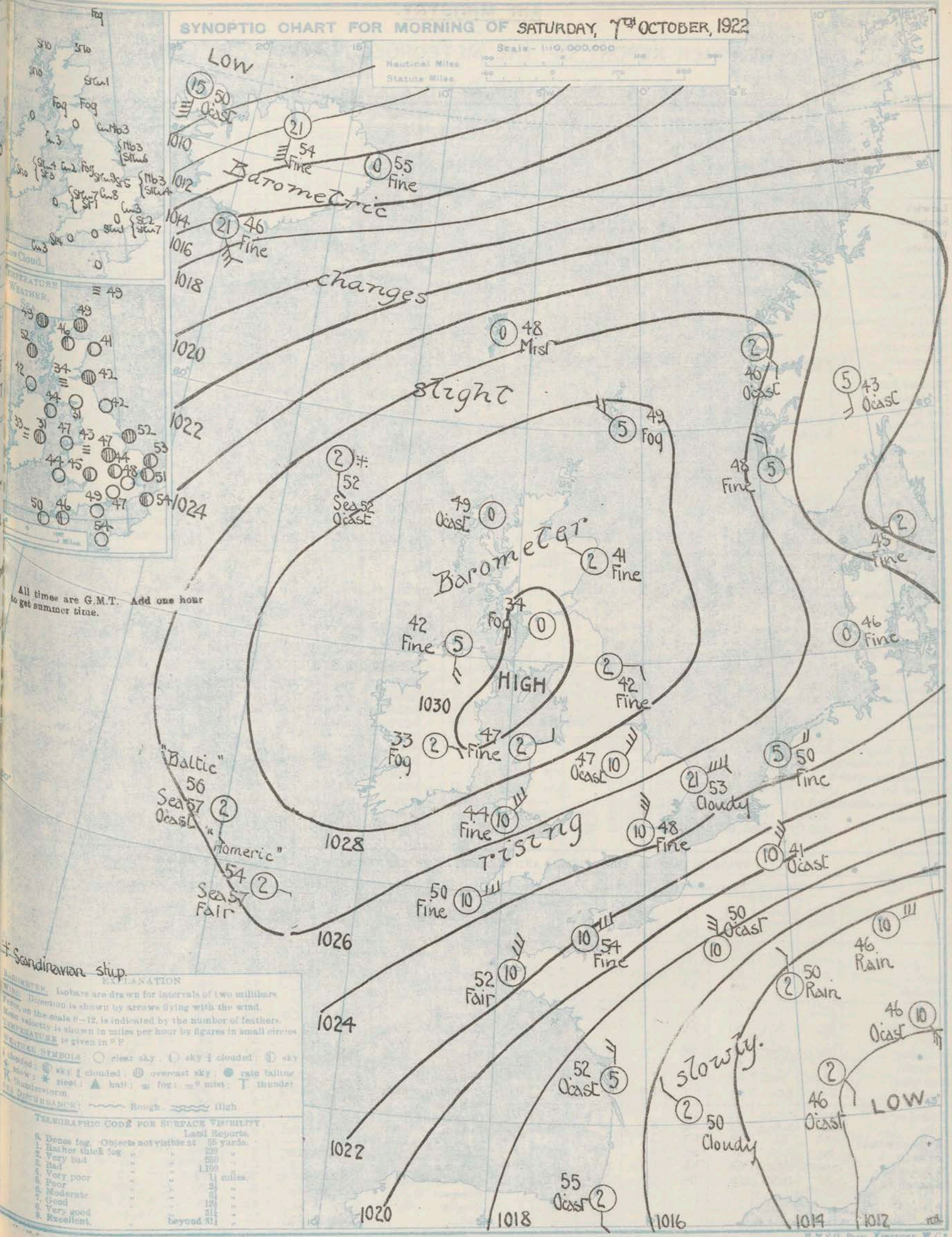
An extensive anticyclone now covers the British Isles and the barometer continues to rise slowly generally. Fine weather is likely with light and indefinite winds in the North and a continuance of northeasterly winds over the southern half of England. Day temperatures will be little below normal but frost is probable at night in many places inland in the North and locally in the South. Settled conditions are likely to continue for a day or two at least.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 7th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England | Wind northeasterly, moderate to fresh, decreasing; fair or fine; visibility good; day temperature moderate, ground frost locally inland at night. | |
| 3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales | Wind northeasterly, light or moderate; fair or fine; visibility good; moderate day temperature, ground frost locally inland at night. | Fair generally. |
| 7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England | Light northeasterly to indefinite winds; fair or fine; morning mist or fog locally; day temperature moderate, frost inland at night in many places. | |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N.&N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Light indefinite breezes; fair or fine; morning mist or fog locally; day temperature moderate; frost inland at night in many places. | ▲ North Cone hoisted 1500 6/10/22. |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0905 GMT. G. C. Simpson, F.R.S., Director.

† For Code see opposite page.

# SYNOPTIC CHART FOR MORNING OF SATURDAY, 7TH OCTOBER, 1922




All times are G.M.T. Add one hour to get summer time.

EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in °F.
WEATHER SYMBOLS: ○ clear sky; ◐ sky ½ clouded; ◐ sky 4 clouded; ◍ sky 7 clouded; ● overcast sky; ● rain falling; ✱ snow; ✱ sleet; ▲ hail; ≡ fog; ≡° mist; T thunder; ⚡ thunderstorm.
SEA DISTURBANCE: ~~~ Rough; ≈≈ High.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

| | | Land Reports. |
|---|---|---|
| 0. Dense fog. | Objects not visible at | 55 yards. |
| 1. Rather thick fog | " " | 220 " |
| 2. Very bad | " " | 550 " |
| 3. Bad | " " | 1,100 " |
| 4. Very poor | " " | 1¼ miles. |
| 5. Poor | " " | 2 " |
| 6. Moderate | " " | 3 " |
| 7. Good | " " | 12 " |
| 8. Very good | " " | 31 " |
| 9. Excellent. | " beyond | 31 " |

H.M.S.O. Press, Kingsway, W.C.2.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION... SATURDAY 7th OCTOBER ......1922. No. 280.

Observations at 0100 G.M.T. ...7th... / Observations at 0700 G.M.T. ...7th...

| STATIONS | Barom. at M.S.L. m.b (0100) | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0-9 | Height of Low Cloud Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea 0-9 | Barom. at M.S.L. m.b (0700) | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0-9 | Height of Low Cloud Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1026.1 | 0 | W | 2 | o+ | 50 | 92 | 7 | – | – | 0 | ASt | 10 | * | 1028.1 | +2 | NW | 2 | f- | 49 | 97 | 1 | 1500 | St | 10 | – | 10 | 1 |
| Stornoway | 1029.6 | +2 | – | 0 | o | * | * | 6 | * | * | * | * | * | * | 1028.9 | +1 | – | 0 | o | 49 | 97 | 5 | 450 | St | 10 | – | 10 | 0 |
| Wick | 1027.4 | 0 | WNW | 2 | o | 48 | 97 | 8 | 5700 | StCu | 9 | – | 9 | * | 1028.4 | +1 | WNW | 1 | mo | 49 | 97 | 4 | 225 | St | 10 | – | 10 | 0 |
| Castlebay | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1029.8 | +1 | NE | 1 | o | 52 | 92 | 7 | 1500 | St | 10 | – | 10 | 1 |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1028.7 | * | – | 0 | c+ | 46 | 97 | 7 | 1500 | St | 8 | – | 8 | * |
| Aberdeen | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1029.3 | +2 | W'N | 1 | b- | 41 | 97 | 4 | 4000 | StCu | 1 | – | 1 | 0 |
| Malin Head | 1028.0 | 0 | SE | 1 | b | 47 | 97 | 7 | – | – | 0 | CiSt | 3 | * | 1029.1 | +1 | S | 2 | b- | 42 | 92 | 7 | – | – | 0 | – | 0 | 1 |
| Renfrew | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1030.5 | +3 | – | 0 | FFo | 34 | 97 | 1 | <150 | St | 10 | – | 10 | * |
| Edinburgh (Inchkeith) | 1029.1 | +1 | W | 1 | mb+ | 45 | 97 | 6 | – | – | 0 | ACu | 1 | * | 1028.6 | +1 | SW | 3 | fo+ | 42 | 97 | 1 | – | Sb | 10 | – | 10 | 1 |
| Leuchars | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1029.1 | +1 | NNE | 1 | b | 38 | 97 | 7 | – | – | 0 | – | 0 | * |
| Eskdalemuir | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1031.0 | 0 | – | 0 | b- | 31 | 97 | 8 | – | – | 0 | – | 0 | * |
| Tynemouth | 1028.5 | 0 | NE | 1 | b- | 45 | 92 | 6 | 4000 | Cu | 3 | – | 3 | * | 1029.0 | 0 | E | 1 | b | 42 | 97 | 6 | 4000 | CuNb | 3 | – | 3 | 1 |
| Blacksod Point | * | | | | | | | | | | | | | * | | | | | | | | | | | | | | |
| Donaghadee | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1029.7 | +2 | W | 1 | b- | 44 | 97 | 7 | 2500 | Cu | 3 | – | 3 | 0 |
| Birr Castle | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1029.1 | * | E | 1 | fo | 33 | 97 | 3 | <150 | St | 10 | – | 10 | * |
| Collinstown | 1029.4 | +1 | – | 0 | b | 43 | 97 | 8 | 4000 | StCu | 2 | – | 2 | * | 1030.4 | +1 | – | 0 | c | 41 | 97 | 6 | 2500 | StCu | 7 | – | 7 | * |
| Holyhead | 1027.6 | +2 | NE | 1 | b | 49 | 92 | 6 | – | – | 0 | – | 0 | * | 1028.6 | +1 | ENE | 1 | b- | 47 | 97 | 6 | 2500 | Cu | 2 | CiSt | 3 | 0 |
| Liverpool (Bidston) | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1029.2 | +1 | NE'E | 1 | F | 43 | 92 | 2 | <150 | St | 10 | – | 10 | 2 |
| Chester (Shotwick) | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1029.3 | +1 | NW | 1 | fb | 35 | 97 | 1 | – | – | 0 | – | 0 | * |
| Spurn Head | 1025.9 | 0 | NE'N | 4 | bc | 50 | 75 | 7 | 4000 | Cu | 5 | – | 5 | * | 1027.3 | +2 | NNE | 4 | o | 52 | 85 | 8 | 4000 | Nb | 9 | – | 9 | 5 |
| Nottingham | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1027.0 | * | NE | 3 | o | 47 | 92 | 6 | 4000 | StCu | 9 | – | 9 | * |
| Cranwell | 1026.3 | +1 | NNE | 3 | b | 43 | 97 | 8 | 4000 | StCu | 2 | – | 2 | * | 1027.2 | +2 | NNE | 3 | c- | 47 | 97 | 7 | 1500 | St | 5 | ACu | 8 | * |
| Gorleston | 1023.6 | +1 | NE | 6 | o | 54 | 85 | 7 | 4000 | StCu | 9 | – | 9 | * | 1024.3 | +1 | ENE | 5 | c+ | 53 | 75 | 7 | 4000 | StCu | 7 | – | 7 | 4 |
| Valencia (Cahirciveen) | 1028.7 | 0 | – | 0 | bc | 52 | 55? | 8 | – | StCu | 4 | – | 4 | * | | | | | | | | | | | | | | |
| Roches Point | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1026.7 | +1 | NE | 3 | b | 47 | 85 | 8 | – | – | 0 | – | 0 | * | 1027.8 | +1 | NE | 3 | b | 44 | 85 | 8 | – | – | 0 | – | 0 | 3 |
| Ross-on-Wye | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1026.7 | +1 | NE'N | 2 | c | 45 | 92 | 6 | 800 | StCu | 8 | – | 8 | * |
| Benson | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1025.2 | +2 | NNE | 2 | c | 44 | 97 | 8 | – | Cu | 8 | – | 9 | * |
| Andover | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1024.9 | +2 | NE | 4 | o- | 47 | 97 | 8 | 4000 | StCu | 9 | – | 9 | * |
| S. Farnborough | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1024.0 | +1 | NNE | 2 | b | 47 | 85 | 8 | – | – | 0 | ACu | 2 | * |
| London (Kew Obsy.) | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1025.0 | +2 | NNE | 3 | b+ | 48 | 75 | 6 | 4000 | Cu | 3 | – | 3 | * |
| Croydon | 1023.1 | +1 | NNE | 3 | b- | 45 | 85 | 6 | – | – | 0 | Ci | 1 | * | 1024.3 | +3 | NE'N | 4 | c+ | 49 | 75 | 6 | 4000 | StCu | 7 | – | 7 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1024.0 | +2 | NE | 4 | bc | 51 | 75 | 7 | 2500 | Cu | 5 | – | 5 | 4 |
| Shoeburyness | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1024.4 | +2 | NE | 6 | bc | 51 | 65 | 8 | 4000 | Cu | 4 | – | 4 | 6 |
| Grain | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1023.6 | +4 | NE | 6 | c- | 52 | 75 | 8 | 2500 | StCu | 7 | – | 7 | * |
| Lympne | 1021.2 | +1 | NNE | 4 | bc | 50 | 97 | 7 | 7200 | Nb | 6 | – | 6 | * | 1022.5 | +2 | NE'N | 4 | o | 49 | 75 | 8 | 2500 | StCu | 9 | – | 9 | |
| Scilly (St. Mary's) | 1024.4 | 0 | ENE | 1 | b- | 50 | 92 | 8 | – | – | 0 | – | 0 | * | 1025.3 | 0 | ENE | 3 | b+ | 50 | 75 | 8 | 4000 | Cu | 3 | – | 3 | 2 |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * | 1025.6 | +1 | NE | 4 | bc | 46 | 92 | 6 | 2500 | St | 4 | – | 4 | 1 |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1024.8 | +1 | NW | 2 | b | 46 | 85 | 7 | – | – | 0 | – | 0 | 0 |
| Portland Bill | 1022.3 | +4 | NE | 6 | b- | 56 | 85 | 7 | – | – | 0 | – | 0 | * | 1023.0 | +1 | NE | 5 | b | 49 | 85 | 7 | – | – | 0 | – | 0 | 3 |
| Southampton (Calshot) | 1023.1 | +1 | N | 4 | b | 46 | 85 | 8 | – | – | 0 | – | 0 | * | 1024.1 | +2 | N'W | 4 | b | 47 | 85 | 7 | 4000 | StCu | 1 | – | 1 | 3 |
| Dungeness | 1020.4 | +2 | NE | 5 | o | 53 | 85 | 8 | 4000 | CuNb | 9 | – | 9 | * | 1021.4 | +1 | NE | 6 | c | 54 | 75 | 8 | 4000 | CuNb | 8 | – | 8 | 6 |
| Jersey 7h / Guernsey 1h | 1020.1 | +2 | NNE | 6 | o | 54 | 85 | 6 | 5700 | Nb | 4 | ASt | 10 | * | 1021.1 | +1 | NE | 3 | b | 54 | 92 | 8 | – | – | 0 | – | 0 | 3 |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR... Friday, 6th October

| STATIONS. | Weather Fore-noon. | Weather After-noon. | Temperature Min. Night. 5th °F. | Temperature Max. Day. 6th °F. | Rainfall† Night 17h.-9h. 5th-6th mm. | Rainfall† Day 9h.-17h. 6th mm. | Sunshine Sunrise to 17h. 6th hr. | Sunshine Sunrise to Sunset. 5th hr. |
|---|---|---|---|---|---|---|---|---|
| Banff | b | b | 32 | 57 | - | - | 9.5 | 0.0 |
| Montrose | * | * | 44 | 55 | - | - | 9.1 | 0.0 |
| Llandudno | ccb | bcb | 47 | 58 | 0.2 | - | 6.2 | 1.0 |
| Colwyn Bay | bc | bc | 51 | 57 | 1 | - | 5.2 | 1.5 |
| Rhyl | | | | | | | | |
| Southport | bbcb | bbc | 52 | 59 | - | - | 8.7 | 3.7 |
| Blackpool | be | b | 52 | 61 | - | - | 7.4 | 2.6 |
| Harrogate | b | bbc | 49 | 55 | 2 | - | 6.1 | 1.1 |
| Skegness | ocb | bco | 49 | 57 | 0.4 | - | 6.4 | 3.7 |
| Aberystwyth | ooc | bbc.co | 51 | 61 | - | - | 6.5 | 2.0 |
| Bath | op | ocbc.b | 52 | 56 | 4 | - | 0.9 | 6.0 |
| Leamington Spa | ob | bc | 49 | 57 | 2 | - | 3.0 | 4.6 |
| Lowestoft | bc | bcc | 51 | 55 | 1 | - | 4.2 | 2.9 |
| Felixstowe | omro | obc | 49 | 55 | 1 | 2 | 1.0 | 3.9 |
| Southend | or | oro | 49 | 55 | 1 | 3 | 0.0 | 3.0 |

| STATIONS. | Weather Fore-noon. | Weather After-noon. | Temperature Min. Night. 5th °F | Temperature Max. Day. 6th °F | Rainfall† Night 17h.-9h. 5th-6th mm. | Rainfall† Day 9h.-17h. 6th mm. | Sunshine Sunrise to 17h. 6th hr. | Sunshine Sunrise to Sunset. 5th hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton | wbccq | bccoq | 53 | 61 | 0.3 | - | 2.1 | 5.9 |
| Ilfracombe | o | c | 55 | 58 | - | - | 1.6 | 3.2 |
| Bude | o | o | 55 | 62 | 5 | - | 2.2 | 1.6 |
| Penzance | bc | bcb | 54 | 63 | - | - | 6.1 | 4.4 |
| Falmouth Observatory | | | | | | | | |
| Torquay | b | o | 51 | 59 | 0.1 | - | 0.8 | 6.4 |
| Weymouth | bcc | pc | 51 | 60 | 6 | 0.3 | 2.2 | 4.9 |
| Bournemouth | oc | co | 50 | 59 | - | - | 0.6 | 4.2 |
| Portsmouth (S'thsea) | obc | cbo | 51 | 59 | 1 | - | 1.4 | 5.8 |
| Worthing | oc | or | 51 | 58 | 0.3 | - | 0.4 | 6.2 |
| Brighton | p | p | 52 | 58 | 1 | 1 | 0.0 | 6.3 |
| Eastbourne | opo | opd | 51 | 58 | 1 | 0.3 | 0.4 | 5.6 |
| Hastings | opdc | copr | 51 | 54 | 0.4 | 1 | 0.2 | 5.5 |
| Folkestone | p | p | 52 | 60 | 3 | 1 | 0.2 | 3.0 |
| Tunbridge Wells | opoc | orfoo | 50 | 58 | 1 | 3 | 0.1 | 3.6 |
| Ramsgate | rocbc | ro | 51 | 58 | 3 | 2 | 0.3 | 4.0 |
| Margate | or | o | 53 | 58 | 2 | 3 | 0.1 | 3.1 |
| Deal | orqrc | rood | 50 | 58 | 9 | 1 | 0.0 | 2.3 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

**AIR MINISTRY.**

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:



**Observations at 1300 G.M.T. 7th**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.† | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1028.2 | 0 | WNW | 2 | o | 50 | 85 | 7 | 5700 | St.Cu | 3 | A.St | 10 | • |
| Stornoway | 1029.9 | +1 | - | 0 | o | 54 | 85 | 5 | 450 | St | 10 | - | 10 | • |
| Wick | 1029.1 | +1 | - | 0 | o/r | 52 | 97 | 8 | 5100 | St.Cu | 10 | - | 10 | • |
| Castlebay | 1030.6 | 0 | NW | 3 | o | 54 | 92 | 7 | 1500 | St | 10 | - | 10 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1029.7 | -1 | - | 0 | b | 59 | 75 | 7 | 2500 | Cu | 3 | - | 3 | • |
| Malin Head | 1029.6 | +1 | ESE | 2 | b- | 55 | 75 | 7 | - | - | 0 | - | 0 | • |
| Renfrew | 1030.2 | -1 | - | 0 | fb- | 48 | 92 | 2 | - | - | 0 | - | 0 | • |
| Edinburgh (Inchkeith) | 1029.7 | -1 | W | 2 | mb- | 55 | 75 | 6 | - | Cu | 1 | - | 1 | • |
| Leuchars | 1029.3 | 0 | - | 0 | b | 58 | 75 | 8 | 4000 | Cu | 1 | - | 1 | • |
| Eskdalemuir | 1029.7 | 0 | E | 2 | b- | 54 | 55 | 8 | 4000 | Cu | 1 | - | 1 | • |
| Tynemouth | 1030.1 | 0 | ENE | 1 | b | 53 | 85 | 7 | 4000 | Cu.Nb | 2 | - | 2 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1030.4 | +1 | E | 1 | b | 53 | 85 | 8 | 4000 | Cu | 1 | - | 1 | • |
| Birr Castle | 1029.9 | • | E | 1 | b- | 51 | 92 | 6 | 4000 | Cu | 3 | - | 3 | • |
| Collinstown | 1030.9 | 0 | NE | 1 | c | 54 | 75 | 7 | 2500 | St.Cu | 7 | • | 7 | • |
| Holyhead | 1029.4 | +1 | NE'N | 3 | c | 53 | 85 | 7 | 2500 | Cu | 5 | A.Cu | 7 | • |
| Liverpool (Bidston) | 1029.2 | 0 | NE'E | 1 | bc- | 52 | 65 | 6 | 2500 | St | 4 | - | 4 | • |
| Chester (Shotwick) | 1029.6 | 0 | ENE | 3 | o+ | 53 | 75 | 6 | 2500 | St | 9 | - | 9 | • |
| Spurn Head | 1028.1 | +1 | NNE | 4 | bc | 52 | 92 | 8 | 4000 | Cu | 5 | - | 5 | • |
| Nottingham | 1027.6 | • | NE | 2 | bc+ | 55 | 65 | 7 | 1500 | Cu | 6 | - | 6 | • |
| Cranwell | 1027.9 | +1 | NE'N | 4 | c- | 54 | 75 | 8 | 4000 | Cu | 8 | - | 8 | • |
| Gorleston | 1025.7 | 0 | NE | 5 | c+ | 55 | 65 | 7 | 4000 | Nb | 8 | - | 8 | • |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | • |
| Roches Point | | | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | 1028.0 | 0 | - | 0 | bc | 56 | 85 | 8 | 4000 | Cu | 4 | - | 4 | • |
| Ross-on-Wye | 1026.5 | 0 | ENE | 3 | o+ | 55 | 75 | 8 7 | 4000 | St.Cu | 9 | - | 9 | • |
| Benson | 1026.3 | 0 | NE | 4 | c | 55 | 65 | 8 | - | Cu | 7 8 | - | 7 8 | • |
| Andover | 1025.6 | +1 | ENE | 5 | c | 56 | 55 | 8 | 4000 | St.Cu | 8 | - | 8 | • |
| S. Farnborough | 1025.3 | 0 | NE | 3 | c- | 55 | 85 | 7 | 4000 | Cu | 7 | - | 7 | • |
| London (Kew Obsy.) | 1025.9 | 0 | NE | 4 | o+ | 55 | 65 | 6 | 4000 | St.Cu | 9 | - | 9 | • |
| Croydon | 1025.3 | 0 | NE | 4 | o+ | 56 | 65 | 7 | 4000 | St.Cu | 9 | - | 9 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1025.4 | +1 | NE | 4 | c+ | 56 | 75 | 8 | 4000 | St.Cu | 6 | A.Cu | 8 | • |
| Grain | 1025.2 | +1 | NE | 5 | c+ | 55 | 75 | 8 | 2500 | St.Cu | 8 | - | 8 | • |
| Lympne | 1024.0 | 0 | NE | 6 | o | 53 | 65 | 9 | 2500 | St.Cu | 10 | - | 10 | • |
| Scilly (St. Mary's) | 1025.5 | 0 | ENE | 4 | b | 59 | 92 | 8 | 4000 | Cu | 2 | - | 2 | • |
| Falmouth (Pendennis) | 1026.6 | 0 | NE | 4 | bc+ | 54 | 75 | 7 | 4000 | Cu | 5 | - | 5 | • |
| Plymouth (Cattewater) | 1025.6 | 0 | ENE | 3 | c+ | 54 | 65 | 7 | 4000 | St.Cu | 8 | - | 8 | • |
| Portland Bill | 1024.3 | +3 | NE | 5 | b+ | 55 | 75 | 7 | - | - | 0 | Ci.St | 3 | • |
| Southampton (Calshot) | 1025.2 | 0 | NE'E | 5 | bc | 56 | 65 | 8 | 2500 | Cu | 5 | - | 5 | • |
| Dungeness | 1023.1 | +2 | ENE | 7 | bc+ | 56 | 75 | 8 | 4000 | Cu | 6 | - | 6 | • |
| Jersey 7h / Guernsey 1h | 1021.2 | 0 | NE | 4 | b | 56 | 85 | 8 | - | - | 0 | A.Cu | 2 | • |

**Observations at 1800 G.M.T. 7th**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.† | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1028.1 | 0 | WNW | 2 | c/r | 48 | 97 | 6 | 4000 | Cu | 8 | - | 8 | 1 |
| Stornoway | 1029.8 | 0 | - | 0 | d | 53 | 92 | 5 | 450 | St | 10 | - | 10 | 0 |
| Wick | 1029.4 | 0 | NW | 1 | odd | 50 | 97 | 8 | 4000 | Nb | 10 | - | 10 | 0 |
| Castlebay | 1030.0 | 0 | E | 1 | mmb | 53 | 92 | 7 | 1500 | St | 3 | - | 3 | 0 |
| Nairn | 1029.3 | • | - | 0 | c | 54 | 85 | 7 | 1500 | St | 8 | - | 8 | • |
| Aberdeen | 1030.3 | +1 | - | 0 | o+ | 52 | 92 | 6 | 1500 | St | 10 | - | 10 | 0 |
| Malin Head | 1029.4 | 0 | - | 0 | bc | 53 | 85 | 7 | - | - | 0 | A.St | 4 | 1 |
| Renfrew | 1029.7 | -1 | - | 0 | fbc+ | 42 | 92 | 2 | - | - | 0 | Ci.St | 4 | • |
| Edinburgh (Inchkeith) | 1029.4 | +1 | - | 0 | d/f | 53 | 75 | 7 | - | - | 0 | Ci.St | 9 | 0 |
| Leuchars | 1029.3 | 0 | - | 0 | bc+ | 49 | 85 | 7 | - | - | 0 | Ci | 4 | * |
| Eskdalemuir | 1030.3 | 0 | N | 1 | b- | 44 | 85 | 8 | - | - | 0 | Ci | 1 | • |
| Tynemouth | 1029.5 | 0 | - | 0 | b | 50 | 85 | 6 | - | - | 0 | A.St | 2 | 0 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1029.6 | 0 | - | 0 | b- | 48 | 92 | 8 | - | - | 0 | • | 0 | 0 |
| Birr Castle | 1028.9 | • | E | 1 | b | 51 | 85 | 6 | 4000 | Cu | 3 | - | 3 | • |
| Collinstown | 1030.7 | 0 | - | 0 | b- | 48 | 85 | 7 | - | - | 0 | A.St | 1 | • |
| Holyhead | 1029.1 | 0 | NE | 3 | b- | 51 | 75 | 7 | - | - | 0 | - | 0 | 0 |
| Liverpool (Bidston) | 1018.9 | 0 | N'E | 2 | b | 50 | 85 | 6 | - | - | 0 | - | 0 | 3 |
| Chester (Shotwick) | 1029.1 | 0 | N | 1 | mb+ | 46 | 92 | 4 | - | - | 0 | - | 0 | • |
| Spurn Head | 1028.0 | 0 | NNE | 5 | bc | 51 | 75 | 8 | 4000 | Cu | 6 | - | 6 | 5 |
| Nottingham | 1028.1 | • | NNE | 2 | b- | 49 | 75 | 6 | 4000 | Cu | 1 | - | 1 | • |
| Cranwell | 1028.6 | +2 | NNE | 3 | b- | 54 | 85 | 8 | 2500 | St.Cu | 3 | - | 3 | • |
| Gorleston | 1024.8 | 0 | NNE | 5 | bc+ | 53 | 65 | 8 | 4000 | St.Cu | 6 | - | 6 | 4 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1028.0 | 0 | NNE | 3 | b | 50 | 75 | 8 | 4000 | St.Cu | 3 | - | 3 | 2 |
| Ross-on-Wye | 1027.1 | 0 | NNE | 2 | b- | 50 | 75 | 6 | 4000 | St.Cu | 1 | - | 1 | • |
| Benson | 1026.7 | 0 | NE | 4 | b- | 48 | 85 | 8 | - | - | 0 | - | 0 | • |
| Andover | 1025.8 | 0 | NE | 3 | b- | 49 | 85 | 8 | 4000 | St.Cu | 3 | - | 3 | • |
| S. Farnborough | 1025.4 | 0 | NNE | 2 | b- | 50 | 85 | 7 | 4000 | Cu | 3 | - | 3 | • |
| London (Kew Obsy.) | 1025.9 | +1 | NNE | 3 | b- | 52 | 75 | 6 | 4000 | St.Cu | 2 | - | 2 | • |
| Croydon | 1025.3 | +1 | NE | 3 | c | 52 | 75 | 5 | 4000 | St.Cu | 7 | A.St | 8 | • |
| Clacton-on-Sea | 1025.1 | 0 | NNE | 3 | bc | 52 | 75 | 7 | 2500 | Cu | 4 | - | 4 | 0 |
| Shoeburyness | 1025.3 | 0 | NNE | 2 | b- | 49 | 85 | 7 | - | - | 0 | - | 0 | • |
| Grain | 1025.1 | +1 | NNE | 5 | bc- | 52 | 75 | 8 | 2500 | St.Cu | 4 | - | 4 | 3 |
| Lympne | 1023.5 | +1 | NNE | 5 | c | 51 | 75 | 8 | 2500 | St.Cu | 7 | - | 7 | • |
| Scilly (St. Mary's) | 1026.1 | 0 | NE'E | 2 | bc+ | 53 | 75 | 8 | 4000 | St.Cu | 5 | - | 5 | 4 |
| Falmouth (Pendennis) | 1026.1 | 0 | NNE | 4 | b | 53 | 85 | 7 | 4000 | Cu | 3 | - | 3 | 0 |
| Plymouth (Cattewater) | 1025.7 | 0 | N | 2 | bc- | 53 | 75 | 7 | 7200 | St.Cu | 5 | - | 5 | 0 |
| Portland Bill | 1024.9 | +1 | NE | 5 | b | 55 | 75 | 7 | - | - | 0 | Ci.St | 3 | 5 |
| Southampton (Calshot) | 1025.4 | +1 | N'E | 3 | c+ | 54 | 75 | 7 | 2500 | St.Cu | 8 | - | 8 | 0 |
| Dungeness | 1023.4 | 0 | NE | 6 | bc | 54 | 85 | 8 | 4000 | Ci.Nb | 6 | - | 6 | 7 |
| Jersey 7h / Guernsey 1h | 1022.3 | 0 | NE | 4 | b | 55 | 85 | 8 | - | - | 0 | A.Cu | 1 | 3 |

**London Observations.**

| London Observations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Max. °F. | Temperature: Min. °F. | Temperature: Min. on Grass °F. | Rainfall mm.: Day | Rainfall mm.: Night | Sunshine to Sunset hrs. | Humidity: 15h. G.M.T. % | Humidity: 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 Hours ended 0900 G.M.T. 8th | | | | | | | | Yesterday. | | To-day. |
| Kew | 2.c2.o2 | c2 bc2bm | bmobcbmw | • | • | 39 | - | - | 6.1 | • | • |
| Croydon {24 hours ended 0700} | bo.o2 | o.c.bcm | cm2 cm | • | • | 37 | - | - | 5.3 | • | • |
| Greenwich (Royal Obsy.) | o | c.o | o b o v. | 59 | 43 | 38 | - | - | 5.2 | 63 | 79 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 6.1 | • | • |
| Westminster (St. James' Pk.) | • | • | • | | | | | | 6.3 | | |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 5.5 | • | • |
| Camden Square. | bw | b | • | 60 | 43 | 41 | - | - | • | • | 79 |
| Kensington Palace | o b | b | • | 58 | 44 | 38 | - | - | • | 75 | 77 |
| Hampstead Observatory | • | • | • | | | • | | | 4.6 | • | |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. ..........

South Kensington

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

Kew Observatory

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .......... joules

Average Rate .......... Milliwatts.

Maximum Rate .......... Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 7th ..... h ..... m. to 8th ..... h ..... m.

| Stars. | Exposure. h. m. | Record h. m. | % |
|---|---|---|---|
| Polaris δ Ursae Minoris | | | |

**Radio Disturbances (Atmospherics) at Croydon.**

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | $C_1C_2$ | 7 | - | 100 |
| 15h. | $C_1C_2$ | 6 | - | 30° |
| 21h. | $C_1C_2$ | 7 | - | 100 |
| 7h. | C | 6 | - | 150 |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.**

8th & 9th OCTOBER, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.8 / 6.9 | 11.41 / 11.40 | 5.14 / 5.11 |
| Greenwich | 6.14 / 6.15 | 11.48 / 11.47 | 5.22 / 5.19 |
| Wick | 6.35 / 6.37 | 12.0 / 11.59 | 5.25 / 5.22 |
| Valencia | 6.55 / 6.56 | 12.29 / 12.28 | 6.3 / 6.0 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, „ 200—1000 m.
F thick fog „ less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—

R = heavy rain.
rr = continuous moderate rain.
$r_or_o$ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**

0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

For explanation see Introduction. * Information for these columns not usually received. † The barometric change is expressed in half millibars. § For code see page 3.

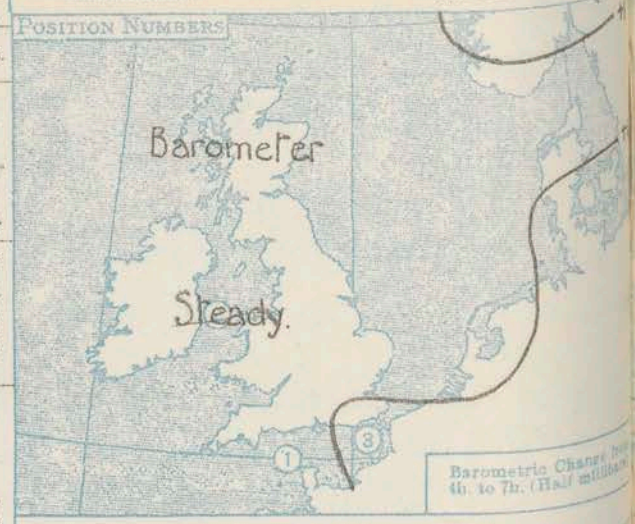
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 7th | 13h.-18h. 7th | 18h. 7th to 1h. 8th | 1h.-7h. 8th | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL.† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | c | omd | cm | oo | 50 | 46 | • | Trace | 0.3 | 1530 | 0130 | • |
| Stornoway ... ... | oo | oo | b.bc | o.c | 55 | 35 | • | – | – | – | – | 0.0 |
| Wick ... ... ... | oidm | dod | oo | oo | 52 | 46 | • | 1 | 0.1 | <0800 | <2100 | • |
| Castlebay ... ... | o | obc | bcm | b.p.bcm | 54 | 48 | • | – | 0.3 | – | – | 1.3 |
| Nairn ... ... ... | bccgo | cgo | cm.o | om | 56 | 49 | • | – | – | – | – | 3.0 |
| Aberdeen ... ... | bmb | bcsm | o.bcm | ompro | 59 | 40 | 39 | – | 0.2 | – | 0530 | 4.4 |
| Malin Head ... ... | b | b | bcw | bw | 57 | 41 | • | – | Trace | – | – | 9.4 |
| Renfrew ... ... | ab Ffe | bmnbcf | b.FFx | offw | 53 | 31 | 28 | – | – | – | – | 0.0 |
| Edinburgh (Inchkeith) | mm | c | m | m | 58 | 46 | 38 | – | – | – | – | 7.5 |
| Leuchars ... ... | bbc | bbc | oo | oo | 59 | 45 | 34 | – | – | – | – | 8.8 |
| Eskdalemuir ... ... | bby | b | bbc | bc.c.ox | 55 | 31 | 27 | – | – | – | – | 9.8 |
| Tynemouth ... ... | bbc | bbc | bcm | cm | 54 | 45 | 42 | – | – | – | – | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | bc | bm | bm | bcmw | 54 | 42 | • | – | Trace | – | – | • |
| Birr Castle ... ... | ffobc | bcz | bc | of.fo. | 52 | 33 | 27 | – | – | – | – | • |
| Collinstown ... ... | c | bcb | b | o.cffo | 55 | 35 | • | – | – | – | – | 7.2 |
| Holyhead ... ... | cobcm | cbcc | b | b.bc.bx | 55 | 44 | 34 | – | – | – | – | 5.3 |
| Liverpool (Bidston) .. | bccm | fgrm | bm | bm | 54 | 43 | 38 | – | – | – | – | 3.4 |
| Chester (Shotwick) .. | bbccoz | ocbcbz | b.bcff | bccffxbc ff | 55 | 29 | 28 | – | – | – | – | • |
| Spurn Head ... ... | bbc | bbc | b.bc. | c | 55 | 47 | • | – | – | – | – | 8.9 |
| Nottingham ... ... | bbc | bbc | b | b | 57 | 46 | 44 | – | – | – | – | 6.4 |
| Cranwell ... ... | oco | obcc | fom | fm | 56 | 39 | 35 | – | – | – | – | 6.7 |
| Gorleston ... ... | cbcqlp | bcqcq | c.bcq | bcq.cq | 58 | 57 | 47 | Trace | – | – | – | 5.8 |
| Valencia (Cahirciveen) | | | | | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | bbc | bbc | bz | b.bc | 57 | 42 | • | – | – | – | – | 9.0 |
| Ross-on-Wye ... ... | ocbcc | cocbz | b | bwmff | 55 | 36 | 29 | – | Trace | – | – | 3.4 |
| Benson... ... ... | c | bcb | b.bcw | c.ofw | 57 | 37 | 29 | – | – | – | – | • |
| Andover ... ... | oc | cbc | bc.c | c.bc.b | 58 | 40 | 38 | – | – | – | – | 6.1 |
| S. Farnborough ... | bbc | cocb | bc.o | b.bc | 56 | 40 | 32 | – | Trace | – | – | 6.1 |
| London (Kew Obsy.)... | zczoz | czbczbw | bm.o.bc | bc.bmw | 58 | 43 | 39 | – | – | – | – | 6.1 |
| Croydon ... ... | bcoz | ocbcm | cmz | cm | 56 | 43 | 37 | – | – | – | – | 5.3 |
| Clacton-on-Sea ... | bcc | cbc | c | c | 57 | 46 | 42 | – | – | – | – | 6.7 |
| Shoeburyness... ... | bcc | cbcb | b.bc. | c.o | 59 | 44 | 40 | – | – | – | – | 5.7 |
| Grain ... ... ... | bbc | cbc | bc.o.bc | bc.c.o | 56 | 46 | 43 | – | – | – | – | 4.9 |
| Lympne ... ... | c | cbcqv | oo | oo | 55 | 47 | 44 | – | – | – | – | 9.1 |
| Scilly (St. Mary's) .. | bcb | bbc | b. | b.bcc | 58 | 47 | • | – | – | – | – | 8.8 |
| Falmouth (Pendennis) | bmbc | bcb | b | b | 56 | 44 | • | – | – | – | – | 6.2 |
| Plymouth (Cattewater) | bc | c | | | | | | – | | – | | |
| Portland Bill ... .. | bbc | bbc | b.bc | b.bc | 56 | 43 | • | – | – | – | – | • |
| Southampton (Calshot) | bbc | bbc | b.bc | b.bc | 57 | 43 | 41 | – | – | – | – | 7.8 |
| Dungeness | cq | cq | cq | oo | 56 | 51 | • | – | – | – | – | • |
| Jersey 7h. .. | bbcb | bbcb | c | b | 58 | 52 | • | – | – | – | – | 4.7 |
| Guernsey 1h. | | | | | | | | | | | | |

ISALLOBARS. October 8th.

POSITION NUMBERS




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 3 | 7th 0200 | Dieppe | NE | 5 | co | 49 | 59 |
| 2 | 7th 1000 | Anglia | NE | 4 | cd | 55 | 57 |
| 1 | 7th 1200 | 2 | NE'E | 6 | co+ | 54 | 58 |

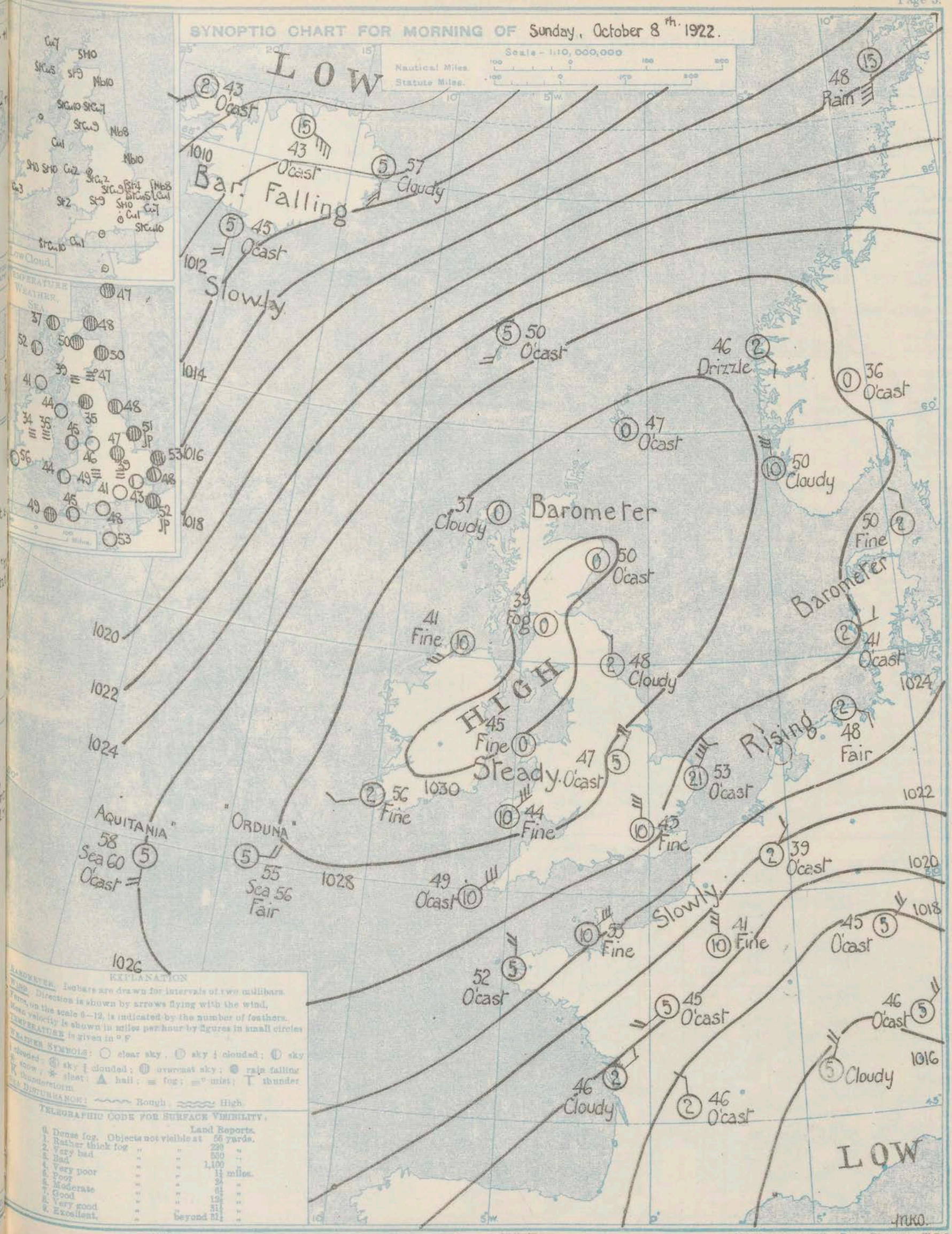
GENERAL INFERENCE.

The anticyclone is maintaining its position, and fair weather is probable generally for the next day or two, perhaps for longer in the south of England, with slight frost inland at night.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 8th, October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England | Wind NE, moderate or fresh at first, decreasing later; fair; visibility good during the day cut some mist inland at night; moderate day temperature, slight frost inland at night | Fair generally, probably for two or three days in the South of England. |
| 6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England | Light North-easterly to indefinite winds; fair; mist or fog at night inland, clearing during the day; moderate day temperature, slight frost inland at night | |
| 11. E. Scotland<br>12. S.W. Scotland | Wind light and indefinite; fair; mist or fog at night inland, but visibility mainly good during the middle of the day; moderate day temperature, slight frost inland at night. | |
| ~~13. Isle of Man~~<br>14. N.&N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland | Light or moderate S to S. winds; fair to cloudy; mist locally; moderate temperature. | |
| 18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | As 11 - 13 | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09 00 GMT G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.




H.M. Stationery Office Press, Kingsway, W.C.2

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:



BRITISH SECTION. SUNDAY, 8TH OCTOBER 1922. No. 281

**Observations at 0100 G.M.T. 8th**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1028.5 | +1 | - | 0 | od | 48 | 97 | 6 | 2500 | Nb | 3 | aSt | 9 | * |
| Stornoway | 1030.6 | 0 | - | 0 | bc- | * | * | 7 | * | * | * | * | * | * |
| Wick | 1029.4 | 0 | W | 1 | 0 | 47 | 97 | 8 | 4000 | StCu | 10 | - | 10 | * |
| Castlebay | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head | 1030.0 | 0 | S | 2 | b- | 45 | 92 | 7 | - | - | 0 | Ci | 1 | * |
| Renfrew | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1029.9 | +1 | W | 2 | mot | 47 | 92 | 5 | - | StCu | 9 | - | 9 | * |
| Leuchars | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth | 1029.6 | 0 | NNW | 1 | 0 | 47 | 97 | 6 | 4000 | StCu | 10 | - | 10 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Collinstown | 1031.5 | 0 | - | 0 | bc+ | 40 | 97 | 8 | 4000 | StCu | 5 | - | 5 | * |
| Holyhead | 1029.6 | 0 | - | 0 | bc+ | 51 | 92 | 8 | 4000 | Cu | 5 | - | 5 | * |
| Liverpool (Bidston) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head | 1028.5 | 0 | NNW | 4 | c | 47 | 92 | 8 | 4000 | Cu | 7 | - | 7 | * |
| Nottingham | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell | 1028.4 | 0 | NNW | 3 | fbc- | 40 | 97 | 2 | 2500 | StCu | 10 | - | 10 | * |
| Gorleston | 1025.5 | 0 | NE'N | 5 | bc- | 52 | 75 | 7 | 4000 | Cu | 5 | - | 5 | * |
| Valencia (Cahireiveen) | | | | | | | | | | | | | | * |
| Roches Point | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Ann's H.) | 1029.0 | 0 | NE | 2 | b | 45 | 85 | 7 | - | - | 0 | - | 0 | * |
| Ross-on-Wye | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.) | * | * | * | * | * | 46 | * | * | * | * | * | * | * | * |
| Croydon | 1026.2 | -1 | NE'N | 3 | c | 47 | 85 | 6 | 4000 | StCu | 5 | aCu | 8 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Grain | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne | 1023.9 | 0 | NNE | 3 | 0 | 51 | 92 | 7 | 4000 | StCu | 10 | - | 10 | * |
| Scilly (St. Mary's) | 1026.6 | 0 | E | 1 | b | 50 | 85 | 8 | - | - | 0 | - | 0 | * |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Portland Bill | 1025.6 | 0 | NE | 5 | b | 52 | 85 | 7 | - | - | 0 | - | 0 | * |
| Southampton (Calshot) | 1026.2 | -1 | N | 3 | b+ | 45 | 85 | 8 | - | - | 0 | Ci | 2 | * |
| Dungeness | 1024.1 | 0 | NNE | 5 | o+ | 53 | 92 | 8 | 4000 | StCu | 10 | - | 10 | * |
| Jersey 7h / Guernsey 1h | 1024.6 | +1 | NE | 7 | c | 53 | 85 | 7 | 7250 | StCu | 7 | - | 7 | * |

**Observations at 0700 G.M.T. 8th**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1028.6 | 0 | .. | 0 | 0 | 47 | 85 | 7 | - | - | 0 | aSt | 10 | 0 |
| Stornoway | 1029.1 | 0 | - | 0 | c- | 37 | 97 | 6 | 4000 | Cu | 7 | - | 7 | 0 |
| Wick | 1029.2 | 0 | SW | 1 | 0 | 48 | 97 | 8 | 800 | St | 10 | - | 10 | 0 |
| Castlebay | 1029.5 | 0 | - | 0 | bc | 52 | 97 | 6 | 1500 | StCu | 5 | - | 5 | 0 |
| Nairn | 1029.6 | * | - | 0 | ot | 50 | 92 | 7 | 1500 | St | 9 | - | 9 | * |
| Aberdeen | 1030.3 | 0 | - | 0 | o/r | 50 | 97 | 6 | 1500 | Nb | 10 | - | 10 | 0 |
| Malin Head | 1029.4 | 0 | SW | 3 | b- | 41 | 92 | 7 | - | - | 0 | - | 0 | 1 |
| Renfrew | 1030.5 | 0 | - | 0 | ffo | 39 | 97 | 3 | 4000 | StCu | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1029.9 | +1 | WSW | 2 | mmo | 47 | 92 | 4 | - | StCu | 7 | - | 7 | 1 |
| Leuchars | 1029.6 | 0 | - | 0 | o | 46 | 92 | 7 | 4000 | StCu | 10 | - | 10 | * |
| Eskdalemuir | 1031.2 | 0 | - | 0 | o- | 35 | 92 | 8 | 4000 | StCu | 9 | - | 9 | * |
| Tynemouth | 1029.7 | 0 | N | 1 | c | 48 | 97 | 6 | 4000 | Nb | 8 | - | 8 | 0 |
| Blacksod Point | 1030.0 | 0 | W | 1 | b | 44 | 97 | 7 | 4000 | Cu | 1 | - | 1 | 0 |
| Donaghadee | 1030.4 | * | E | 1 | ffo | 34 | 97 | 3 | <150 | St | 10 | - | 10 | * |
| Birr Castle | 1031.3 | 0 | - | 0 | ffo | 35 | 97 | 2 | 225 | St | 10 | - | 10 | * |
| Collinstown | 1029.1 | 0 | - | 0 | b- | 45 | 97 | 8 | 4000 | Cu | 2 | - | 2 | 0 |
| Holyhead | 1029.4 | 0 | NE'N | 1 | bm | 46 | 85 | 5 | - | - | 0 | - | 0 | 1 |
| Liverpool (Bidston) | 1030.0 | 0 | - | 0 | ffbc | 41 | 92 | 3 | 4000 | StCu | 2 | aCu | ?4 | 0 |
| Chester (Shotwick) | | | | | | | | | | | | | | |
| Spurn Head | 1027.4 | -1 | NNE | 5 | ojp | 51 | 92 | 7 | 4000 | Nb | 10 | - | 10 | 4 |
| Nottingham | 1027.9 | * | NNE | 2 | o | 47 | 92 | 6 | 2500 | StCu | 9 | - | 9 | * |
| Cranwell | 1028.4 | 0 | NNW | 3 | mo- | 42 | 97 | 5 | 800 | StCu | 9 | - | 9 | * |
| Gorleston | 1025.3 | 0 | NNE | 5 | ot | 53 | 65 | 7 | 4000 | Cu | 9 | - | 9 | 4 |
| Valencia (Cahireiveen) | | | | | | | | | | | | | | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1029.0 | 0 | NE | 3 | b | 44 | 85 | 7 | 2500 | St | 2 | - | 2 | 2 |
| Ross-on-Wye | 1028.9 | 0 | N | 1 | ffo | 37 | 97 | 2 | <150 | St | 9 | - | 9 | * |
| Benson | 1028.6 | +1 | - | 0 | ffo | 39 | 97 | 3 | - | St | 10 | - | 10 | * |
| Andover | 1027.3 | 0 | NNE | 3 | b | 41 | 97 | 7 | - | - | 0 | - | 0 | * |
| S. Farnborough | 1026.8 | 0 | N | 2 | b | 41 | 92 | 6 | - | - | 0 | - | 0 | * |
| London (Kew Obsy.) | 1026.8 | +1 | N | 3 | bt | 43 | 92 | 6 | 2500 | Cu | 1 | CiSt | 2 | * |
| Croydon | 1026.6 | 0 | N'E | 2 | c | 44 | 92 | 6 | 5750 | StCu | 7 | - | 7 | |
| Clacton-on-Sea | 1025.2 | 0 | NNW | 3 | c | 48 | 85 | 7 | 5750 | Cu | 7 | - | 7 | 0 |
| Shoeburyness | 1025.5 | 0 | N | 5 | o | 47 | 85 | 8 | 5750 | StCu | 9 | - | 9 | * |
| Grain | 1025.9 | 0 | N | 5 | o | 48 | 85 | 8 | 4000 | StCu | 10 | - | 10 | 3 |
| Lympne | 1024.4 | 0 | N | 5 | o | 49 | 85 | 8 | 1500 | StCu | 9 | - | 9 | * |
| Scilly (St. Mary's) | 1026.3 | 0 | NE'E | 3 | ot | 49 | 75 | 8 | 4000 | StCu | 10 | - | 10 | 4 |
| Falmouth (Pendennis) | 1027.4 | 0 | NE | 4 | b | 45 | 85 | 8 | 4000 | Cu | 1 | Ci | 3 | 0 |
| Plymouth (Cattewater) | | | | | | | | | | | | | | |
| Portland Bill | 1026.3 | +1 | NE | 5 | b | 48 | 75 | 7 | - | - | 0 | - | 0 | 4 |
| Southampton (Calshot) | 1026.4 | 0 | N'E | 4 | b- | 44 | 85 | 7 | - | - | 0 | - | 0 | 0 |
| Dungeness | 1024.3 | +1 | NNE | 4 | ojp | 52 | 85 | 8 | 4000 | StCu | 10 | - | 10 | 4 |
| Jersey 7h / Guernsey 1h | 1024.1 | 0 | NE | 3 | b | 53 | 85 | 8 | - | - | 0 | - | 0 | 3 |

**WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 7TH OCTOBER**

| Stations | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 6-7h. °F. | Temperature. Max. Day. 7h. °F. | Rainfall.† Night 17h.-9h. 6-7h. mm. | Rainfall.† Day 9h.-17h. 7h. mm. | Sunshine. Sunrise to 17h. 7h. hr. | Sunshine. Sunrise to Sunset. 6h. hr. |
|---|---|---|---|---|---|---|---|---|
| Banff | oc | bcc | 35 | 55 | - | - | 2.3 | 9.7 |
| Montrose | * | * | 40 | 58 | - | - | 7.9 | 9.1 |
| Llandudno | mbmb | omb | 33 | 54 | - | - | 5.1 | 6.2 |
| Colwyn Bay | | | | | | | | |
| Rhyl | bc | bc | 34 | 54 | - | - | 4.0 | 6.6 |
| Southport | mb | b | 37 | 56 | - | - | 9.2 | 8.7 |
| Blackpool | | | | | | | | |
| Harrogate | b | bcb | 39 | 53 | - | - | 8.5 | 6.1 |
| Skegness | obcb | bbc | 52 | 57 | 0.1 | - | 5.8 | 0.0 |
| Aberystwyth | ocb | b | 39 | 57 | - | - | 7.0 | 6.5 |
| Bath | bbc | bbcc | 41 | 58 | - | - | 5.2 | 0.9 |
| Leamington Spa | b | bc | 44 | 57 | - | - | 5.5 | 3.0 |
| Lowestoft | ocbcb | bbcoc | 51 | 56 | 0.2 | - | 5.7 | 4.2 |
| Felixstowe | b | cbbcb | 52 | 57 | - | - | 6.4 | 1.0 |
| Southend | bc | bc | 45 | 58 | - | - | 6.2 | 0.0 |

| Stations | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 6-7h. °F. | Temperature. Max. Day. 7h. °F. | Rainfall.† Night 17h.-9h. 6-7h. mm. | Rainfall.† Day 9h.-17h. 7h. mm. | Sunshine. Sunrise to 17h. 7h. hr. | Sunshine. Sunrise to Sunset. 6h. hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton | bcq | bcobc | 45 | 58 | - | - | 6.1 | 2.1 |
| Ilfracombe | ocbc | bcc | 51 | 56 | - | - | 4.5 | 1.6 |
| Bude | bc | c | 45 | 56 | - | - | 5.7 | 2.2 |
| Penzance | bbc | bcb | 47 | 60 | - | - | 8.0 | 4.9 |
| Falmouth Observatory | bbcc | cbcb | 44 | 58 | - | - | 6.7 | 6.1 |
| Torquay | b | b | 48 | 59 | - | - | 7.3 | 0.8 |
| Weymouth | bc | bc | 44 | 59 | - | - | 7.9 | 2.2 |
| Bournemouth | b | b | 41 | 58 | - | - | 8.2 | 0.6 |
| Portsmouth (S'thsea) | b | b | 46 | 60 | - | - | 7.1 | 1.4 |
| Worthing | bcb | b | 46 | 58 | - | - | 9.3 | 0.4 |
| Brighton | b | b | 46 | ? | - | - | 8.8 | ? |
| Eastbourne | bc | bc | 46 | 59 | - | - | 7.7 | 0.4 |
| Hastings | cbcb | bbcc | 47 | 57 | - | - | 8.5 | 0.2 |
| Folkestone | c | c | 50 | 56 | - | - | ? | 0.2 |
| Tunbridge Wells | bcb | bbc | 44 | 58 | - | - | 7.2 | 0.1 |
| Ramsgate | bcb | bbco | 50 | 55 | - | - | 8.1 | 0.3 |
| Margate | | | | | | | | |
| Deal | cbcb | bbfc | 52 | 56 | trace | - | 8.0 | 0.0 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22236 Monday 9th October 1922. 

Observations at 1300 G.M.T. 8th

| Stations | Barom. at M.S.L. (m.b) | Change in 3 Hours.‡ | Wind Direc. | Wind Force (0-12) | Weather. | Temp. (°F.) | Humidity. (%) | Visibility.§ (0-9) | Height of Low Cloud. (Feet) | Low Cloud Form. | Low Cloud Amt. (0-10) | Upper Form. | Total Amt. (0-10) | Sea. (0-9) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1028.7 | 0 | WSW | 1 | o | 52 | 92 | 7 | - | - | 0 | ASt | 10 | * |
| Stornoway | 1028.7 | 0 | SSE | 2 | o | 54 | 85 | 6 | 800 | St | 10 | - | 10 | * |
| Wick | 1029.1 | 0 | SSW | 2 | o | 53 | 92 | 8 | 5700 | StCu | 10 | - | 10 | * |
| Castlebay | 1029.7 | 0 | SSE | 3 | mbc | 56 | 85 | 6 | 2500 | StCu | 4 | - | 4 | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1030.1 | -1 | E | 1 | o- | 55 | 85 | 8 | 2500 | StCu | 9 | - | 9 | * |
| Malin Head | 1029.5 | 0 | NNE | 2 | b | 54 | 85 | 6 | 4000 | Cu | 1 | - | 1 | * |
| Renfrew | 1030.1 | -1 | - | 0 | o | 52 | 85 | 4 | 5700 | StCu | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1029.7 | -2 | WSW | 1 | mo+ | 52 | 85 | 4 | - | StCu | 10 | - | 10 | * |
| Leuchars | 1029.5 | 0 | SE | 1 | o/m | 54 | 85 | 7 | 5100 | StCu | 10 | - | 10 | * |
| Eskdalemuir | 1029.7 | -1 | NNW | 1 | o | 53 | 65 | 7 | 4000 | StCu | 10 | - | 10 | * |
| Tynemouth | 1029.6 | 0 | NNE | 2 | cjp | 51 | 97 | 7 | 4000 | Nb | 8 | - | 8 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1029.9 | 0 | E | 1 | b | 54 | 85 | 8 | - | - | 0 | - | 0 | * |
| Birr Castle | 1029.4 | * | W | 1 | b/f | 54 | 85 | 6 | 4000 | StCu | 3 | - | 3 | * |
| Collinstown | 1030.6 | -1 | - | 0 | c+ | 55 | 85 | 6 | 2500 | Cu | 7 | - | 7 | * |
| Holyhead | 1029.3 | -1 | NNE | 3 | b- | 56 | 75 | 6 | 2500 | Cu | 1 | Ci | 2 | * |
| Liverpool (Bidston) | 1029.1 | 0 | NE | 2 | bc+ | 52 | 75 | 7 | - | - | 0 | ACu | 4 | * |
| Chester (Shotwick) | 1029.0 | -2 | N | 1 | o+ | 55 | 75 | 6 | 4000 | Cu | 9 | - | 9 | * |
| Spurn Head | 1027.7 | 0 | N'E | 5 | cjp | 54 | 85 | 7 | 4000 | Cu | 8 | - | 8 | * |
| Nottingham | 1027.9 | * | N | 2 | o | 52 | 85 | 6 | 1500 | Nb | 10 | - | 10 | * |
| Cranwell | 1028.0 | -1 | N'E | 4 | $od_0$ | 50 | 92 | 8 | 800 | Nb | 10 | - | 10 | * |
| Gorleston | 1025.1 | 0 | NE | 4 | c- | 55 | 65 | 7 | 4000 | Nb | 8 | - | 8 | * |
| Valencia (Cahirciveen) | 1023.6 | 0 | - | 0 | b | 53 | 92 | 7 | - | - | 0 | ASt | 3 | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1028.6 | -1 | NE | 3 | bc | 55 | 55 | 7 | - | - | 0 | Ci | 4 | * |
| Ross-on-Wye | 1027.4 | -2 | NE | 3 | o | 52 | 65 | 6 | 4000 | StCu | 10 | - | 10 | * |
| Benson | 1026.0 | -2 | NNE | 4 | o | 52 | 65 | 8 | 2500 | St | 10 | - | 10 | * |
| Andover | 1026.4 | 0 | NE | 5 | bc | 53 | 75 | 8 | 2500 | StCu | 3 | CiSt | 6 | * |
| S. Farnborough | 1026.2 | -1 | NNE | 3 | o | 54 | 65 | 7 | 2500 | StCu | 10 | - | 10 | * |
| London (Kew Obsy.) | 1026.1 | -2 | N'E | 3 | c | 55 | 65 | 6 | 5700 | StCu | 5 | ACu | 8 | * |
| Croydon | 1025.4 | -2 | NNE | 4 | o | 55 | 65 | 6 | 4000 | StCu | 10 | - | 10 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | 1025.0 | -1 | NE | 6 | o | 56 | 65 | 7 | 5700 | Cu | 9 | - | 9 | * |
| Grain | 1025.0 | -1 | NNE | 5 | o | 55 | 75 | 8 | 4000 | StCu | 10 | - | 10 | * |
| Lympne | 1024.7 | 0 | N'E | 2 | $or_0$ | 52 | 97 | 7 | 800 | Nb | 10 | - | 10 | * |
| Scilly (St. Mary's) | 1027.4 | +2 | E'N | 2 | bc | 58 | ? | 8 | 4000 | Cu | 4 | - | 4 | * |
| Falmouth (Pendennis) | 1028.0 | 0 | SE | 1 | b- | 55 | 75 | 8 | 4000 | Cu | 2 | - | 2 | * |
| Plymouth (Cattewater) | 1026.5 | -1 | ENE | 2 | b | 55 | 55 | 8 | - | - | 0 | CiSt | 1 | * |
| Portland Bill | 1025.5 | -1 | NE | 5 | bc+ | 56 | 65 | 7 | - | - | 0 | CiCu | 5 | * |
| Southampton (Calshot) | 1025.9 | -2 | N'E | 4 | o+ | 57 | 65 | 7 | 4000 | Cu | 1 | CiSt | 9 | * |
| Dungeness | 1024.6 | 0 | N | 1 | o/r | 54 | 85 | 8 | 2500 | StCu | 10 | - | 10 | * |
| Jersey | 1024.0 | -1 | NE | 5 | o | 56 | 92 | 8 | 4000 | StCu | 10 | - | 10 | * |

Observations at 1800 G.M.T. 8th

| Stations | Barom. at M.S.L. (m.b) | Change in 3 Hours.‡ | Wind Direc. | Wind Force (0-12) | Weather. | Temp. (°F.) | Humidity. (%) | Visibility.§ (0-9) | Height of Low Cloud. (Feet) | Low Cloud Form. | Low Cloud Amt. (0-10) | Upper Form. | Total Amt. (0-10) | Sea. (0-9) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1028.3 | 0 | WSW | 1 | b- | 49 | 92 | 7 | 4000 | StCu | 3 | - | 3 | 0 |
| Stornoway | 1028.5 | 0 | SSE | 2 | o | 52 | 92 | 6 | 800 | St | 10 | - | 10 | 1 |
| Wick | 1029.0 | 0 | - | 0 | o | 53 | 85 | 8 | 5700 | StCu | 10 | - | 10 | 0 |
| Castlebay | 1028.9 | 0 | S | 3 | mb | 54 | 85 | 6 | 2500 | Cu | 2 | - | 2 | 2 |
| Nairn | 1029.6 | * | - | 0 | c | 50 | 92 | 8 | 4000 | StCu | 8 | - | 8 | * |
| Aberdeen | 1030.1 | 0 | - | 0 | o | 50 | 92 | 5 | 4000 | StCu | 10 | - | 10 | 0 |
| Malin Head | 1028.3 | -1 | - | 0 | b | 52 | 88 | 6 | - | - | 0 | ASt | 1 | 1 |
| Renfrew | 1029.3 | -1 | - | 0 | ffo | 50 | 92 | 3 | 225 | St | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1029.2 | -1 | NE | 1 | o/f | 51 | 92 | 7 | - | StCu | 10 | - | 10 | 1 |
| Leuchars | 1029.0 | -1 | - | 0 | o | 51 | 92 | 7 | 5700 | StCu | 10 | - | 10 | * |
| Eskdalemuir | 1029.5 | 0 | NE'E | 2 | o | 49 | 65 | 8 | 1500 | StCu | 10 | - | 10 | * |
| Tynemouth | 1029.1 | 0 | NE | 2 | o | 51 | 97 | 7 | 4000 | Nb | 10 | - | 10 | 0 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1029.0 | 0 | - | 0 | b | 49 | 92 | 8 | - | - | 0 | - | 0 | 0 |
| Birr Castle | 1028.4 | * | E | 1 | bc+ | 49 | 85 | 5 | 4000 | Cu | 5 | - | 5 | * |
| Collinstown | 1030.0 | 0 | - | 0 | b | 47 | 92 | 7 | - | - | 0 | Ci | 1 | * |
| Holyhead | 1028.6 | -1 | NE'N | 3 | bc+ | 53 | 85 | 8 | 5700 | St | 2 | CiSt | 4 | 1 |
| Liverpool (Bidston) | 1028.7 | +1 | NNE | 1 | o+ | 52 | 85 | 6 | 1500 | St | 7 | ASt | 10 | 2 |
| Chester (Shotwick) | 1028.4 | 0 | NNW | 1 | o | 50 | 92 | 4 | 2500 | StCu | 10 | - | 10 | * |
| Spurn Head | 1027.3 | 0 | N'E | 4 | $od_0$ | 52 | 92 | 7 | 1500 | St | 10 | - | 10 | 4 |
| Nottingham | 1027.2 | * | N | 2 | o | 50 | 92 | 6 | 1500 | Nb | 10 | - | 10 | * |
| Cranwell | 1027.4 | -1 | NNE | 3 | o/r | 48 | 97 | 6 | 1500 | St | 10 | - | 10 | * |
| Gorleston | 1025.3 | 0 | NE'N | 4 | c | 54 | 65 | 7 | 2500 | CuNb | 7 | - | 7 | 1 |
| Valencia (Cahirciveen) | 1028.8 | * | SW | 1 | b | 51 | 85 | 8 | * | Cu | 3 | - | 3 | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1028.0 | +1 | NE | 3 | b | 50 | 75 | 7 | - | - | 0 | Ci | 3 | 3 |
| Ross-on-Wye | 1026.8 | -1 | NNE | 2 | o | 50 | 85 | 5 | 1500 | St | 10 | - | 10 | * |
| Benson | 1025.5 | 0 | NNE | 3 | o | 50 | 85 | 8 | - | St | 10 | - | 10 | * |
| Andover | 1026.0 | -1 | NNE | 3 | o+ | 50 | 85 | 6 | 2500 | StCu | 10 | - | 10 | * |
| S. Farnborough | 1025.7 | 0 | N'E | 2 | o | 50 | 85 | 6 | 2500 | StCu | 4 | ACu | 10 | * |
| London (Kew Obsy.) | 1025.5 | 0 | N'E | 3 | o | 52 | 75 | 6 | 2500 | StCu | 10 | - | 10 | * |
| Croydon | 1025.2 | 0 | NNE | 3 | o | 51 | 85 | 4 | 2500 | StCu | 10 | - | 10 | * |
| Clacton-on-Sea | 1024.4 | 0 | N | 3 | c | 52 | 85 | 7 | 1500 | Cu | 3 | ASt | 7 | 0 |
| Shoeburyness | 1024.9 | 0 | NNE | 1 | b | 49 | 85 | 7 | 7200 | StCu | 1 | ACu | 2 | |
| Grain | 1024.8 | 0 | N | 4 | c- | 52 | 85 | 8 | 4000 | StCu | 4 | ASt | 8 | 3 |
| Lympne | 1024.5 | 0 | NNE | 3 | c- | 49 | 85 | 7 | 1500 | Nb | 4 | CiSt | 8 | * |
| Scilly (St. Mary's) | 1026.7 | -1 | NE | 2 | b- | 52 | 75 | 8 | 4000 | StCu | 2 | - | 2 | 3 |
| Falmouth (Pendennis) | 1027.1 | -2 | NE | 3 | bc+ | 55 | 85 | 8 | 4000 | Cu | 2 | Ci | 6 | 0 |
| Plymouth (Cattewater) | 1026.4 | 0 | N | 3 | c+ | 52 | 75 | 6 | 5700 | StCu | 3 | ASt | 7 | 0 |
| Portland Bill | 1025.5 | 0 | NE | 4 | bc | [illegible] | 65 | 7 | - | - | 0 | CiCu | 6 | 4 |
| Southampton (Calshot) | 1025.5 | 0 | N'W | 3 | bc+ | 51 | 85 | 7 | 4000 | StCu | 3 | ASt | 5 | 0 |
| Dungeness | 1023.9 | 0 | ENE | 3 | bc | 53 | 97 | 8 | 2500 | StCu | 6 | - | 6 | 3 |
| Jersey | 1023.7 | 0 | NE | 4 | o | 55 | 92 | 8 | 2500 | StCu | 10 | - | 10 | 4 |

24 Hours ended 0900 G.M.T. 9th

| London Observations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Max. °F. | Temperature: Min. °F. | Temperature: Min. on Grass °F. | Rainfall mm.: Day | Rainfall mm.: Night | Sunshine to Sunset hrs. (Yesterday) | Humidity 15h. G.M.T. % (Yesterday) | Humidity 8h. G.M.T. % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew (24 hours ended 0700) | bcmmc | om | omm | * | * | 43 | - | - | 4.4 | * | * |
| Croydon (24 hours ended 0700) | omg mz | ogm | om.c.bc | * | * | 42 | - | - | 0.3 | * | * |
| Greenwich (Royal Obsy.) | o | o | o.b | 56 | 48 | 42 | - | - | 0.4 | 72 | 66 |
| City (Bunhill Row) | * | * | * | * | * | * | * | * | 1.0 | * | * |
| Westminster (St. James' Pk.) | * | * | * | 56 | 49 | * | - | - | 1.4 | 70 | 63 |
| Regent's Pk. (Botanic Gdns). | * | * | * | * | * | * | * | * | 1.5 | * | * |
| Camden Square | bc | c | * | 56 | 48 | 44 | - | - | * | * | 72 |
| Kensington Palace | c.o | o | * | 55 | 48 | 43 | - | - | * | 85 (18h) | 70 |
| Hampstead Observatory | * | * | * | 53 | 46 | 39 | - | - | 2.4 | * | 61 |

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 8th

| South Kensington: Max. | Time. | Min. | Time. |
|---|---|---|---|
| - | - | - | - |

| Kew Observatory: Max. | Time. | Min. | Time. |
|---|---|---|---|
| - | - | - | - |

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .......... joules

Average Rate .......... Milliwatts

Maximum Rate .......... Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 8th 18 h. 15 m. to 9th 5 h. 15 m.

| Stars. | Exposure h. m. | Record h. m. | % |
|---|---|---|---|
| Polaris | 11 0 | 1 51 | 14 |
| δ Ursae Minoris | 11 0 | 0 40 | 6 |

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

| Time | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | CC 1/2 | 6 | - | 190 |
| 18h. | C | 6 | - | 140 |
| 01h. | C | 6 | - | 100 |
| 07h. | C | 6 | - | 90 |

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

9th & 10th October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.9<br>6.11 | 11.40<br>11.40 | 5.11<br>5.9 |
| Greenwich | 6.15<br>6.17 | 11.47<br>11.47 | 5.19<br>5.17 |
| Wick | 6.37<br>6.39 | 11.59<br>11.59 | 5.22<br>5.19 |
| Valencia | 6.56<br>6.58 | 12.28<br>12.28 | 6.0<br>5.58 |

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail".

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
$r_0r_0$ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0=no swell, 1=mod. swell, 2=heavy swell: Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell: Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

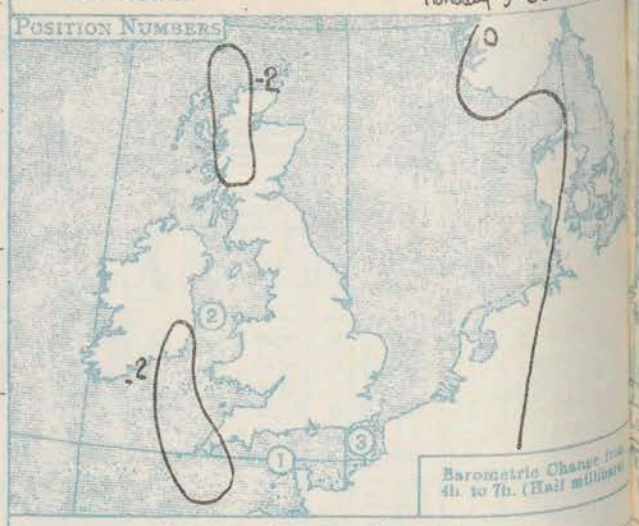
[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 9hr | 13h.-18h. 9hr | 18h. 9hr to 1h. 9hr | 1h.-7h. 9hr | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL.† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | o | c | od | b | ? | 48 | • | — | - | — | - | • |
| Stornoway ... ... | o | o | e | bc | 53 | 38 | • | — | - | — | - | 0·1 |
| Wick ... ... ... | o | o | oo | oo | ? | 49 | • | — | - | — | - | • |
| Castlebay ... ... | bcm | bcom | bc. bm | bm.bc | 56 | 49 | • | — | - | — | - | 9·1 |
| Nairn ... ... ... | og | c | og | cg | 56 | 41 | • | - | - | - | - | 0·0 |
| Aberdeen ... ... | omo | oom | om | om ir | 55 | 47 | 45 | — | Trace | - | - | 0·1 |
| Malin Head ... ... | bc3 | b3 | b3 | bw3 | 54 | 38 | | — | Trace | — | - | 9·6 |
| Renfrew ... ... | ofwm | omff | offw | offw | 54 | 45 | 42 | — | - | - | - | 0·0 |
| Edinburgh (Inchkeith) | form | mim | oo | oo | 54 | 49 | 47 | Trace | - | — | - | 0·0 |
| Leuchars ... ... | o | o | r.d | | 54 | 48 | 45 | — | 2 | — | - | 0·1 |
| Eskdalemuir ... ... | oxo | o | o. om | om. od | 53 | 44 | 43 | — | 0·2 | — | 3·30 | 0·0 |
| Tynemouth ... ... | mirm | o | oir | oid | 52 | 48 | 45 | 0·2 | 0·4 | <0800 | <21·00 | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | bom | bm | bc | c | 55 | 48 | • | — | - | — | - | • |
| Birr Castle ... ... | fo.bc3 | bc3 | bc3 | ff.ox | 54 | 33 | 27 | - | - | - | - | • |
| Collinstown ... ... | bbomc | bcb | bFF | bfeo | 56 | 35 | • | — | - | — | - | 4·9 |
| Holyhead ... ... | bcb3 | bb3 | | oo | 55 | 49 | 44 | — | - | — | - | 9·0 |
| Liverpool (Bidston) ... | bm | cb | om | | 53 | 46 | 35 | — | - | — | - | 4·9 |
| Chester (Shotwick) ... | bffmc3 | o3m | om | om | 56 | 48 | 46 | — | - | — | - | • |
| Spurn Head ... ... | p | c | oo | c | 55 | 49 | • | 0·4 | 1 | <0800 | <21·00 | 0·8 |
| Nottingham ... ... | o | od | oa | od | 52 | 48 | 44 | Trace | 0·2 | 1530 | <21·00 | 0·2 |
| Cranwell ... ... | id | ir | odm | oo | 53 | 47 | 45 | 1 | 0·6 | 11·00 | <21·00 | 0·1 |
| Gorleston ... ... | cgir | cg | c.bc.c | c | 56 | 51 | 43 | Trace | - | 0900 | - | 0·0 |
| Valencia (Cahirciveen) | b | bc | b | | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | bbc | bbc | c | oo | 56 | 47 | • | — | - | — | - | 9·3 |
| Ross-on-Wye ... ... | mbc03 | o3gom | goe | ocd.e | 52 | 44 | 46 | — | 0·2 | — | 04·30 | 2·4 |
| Benson... ... ... | fco | o | op | o | 53 | 44 | 46 | — | 0·3 | — | <21·00 | • |
| Andover ... ... | bbc | bcco | od | o | 54 | 46 | 43 | — | 0·1 | — | <21·00 | 6·4 |
| S. Farnborough ... | bbc | o | o | o | 56 | 46 | 46 | — | - | — | - | 3·8 |
| London (Kew Obsy.) ... | bcmbc | om | om. om | om.omw | 55 | 45 | 43 | — | - | — | - | 4·4 |
| Croydon ... ... | omgm3 | o3m | om | o.c.bcm | 55 | 47 | 42 | — | - | — | - | 0·3 |
| Clacton-on-Sea ... | c | c | c | c.bc | 56 | 46 | 41 | — | - | — | - | 0·5 |
| Shoeburyness ... | o | ocbcb | b | bc | 54 | 43 | 41 | — | - | — | - | 0·4 |
| Grain ... ... ... | o | o | c.bc.b | b | 56 | 48 | 45 | — | - | — | - | 0·0 |
| Lympne ... ... | odyom | oryry | c | bc.cw | 53 | 42 | 33 | 0·3 | Trace | 09·00 | - | 0·0 |
| Scilly (St. Mary's) | bc | bc | b | c.o | 59 | 46 | • | — | - | — | - | 8·2 |
| Falmouth (Pendennis) | bcb | bbc | | bc.com | 59 | 46 | • | — | - | — | - | 9·6 |
| Plymouth (Cattewater) | bbc | bycim | c.bcm | bc.om | 54 | 48 | 42 | — | - | — | - | 9·5 |
| Portland Bill ... .. | c | c | co | o.c | ? | 46 | • | — | - | — | - | • |
| Southampton (Calshot) | bbc | c | c | oo | 54 | 47 | 45 | — | - | — | - | 8·0 |
| Dungeness .. .. | ryo | c | c | c | 55 | 47 | • | 0·1 | - | 09·00 | - | • |
| Jersey 7h } .. | c | og | c | o | 54 | 51 | • | — | - | — | - | 0·0 |
| Guernsey 1h } | | | | | | | | | | | | |

ISALLOBARS. Monday 9th October 1922

POSITION NUMBERS




Barometric Change from 4h. to 7h. (Half millibars)

Observations from Cross Channel Steamers.

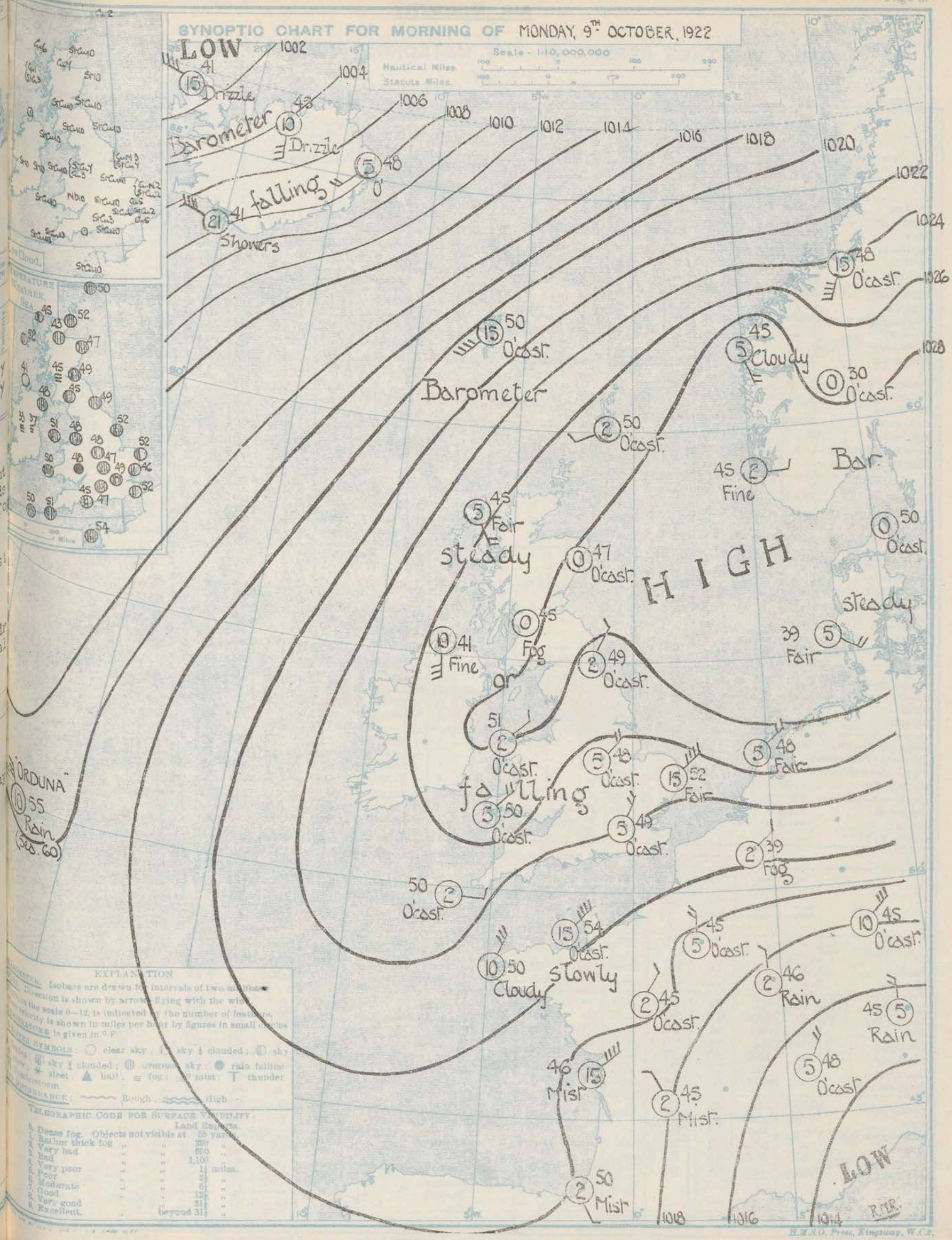
| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. | |
|---|---|---|---|---|---|---|---|---|
| 2 | 8th 1000 | Anglia | N | 4 | bc | 52 | 56 | 4 |
| 3 | 9th 0300 | Dieppe | NE | 4 | of | 52 | 58 | 4 |

GENERAL INFERENCE.

The anticyclone will cause light Easterly to South-easterly winds and fair weather with mist or fog at night over the greater part of the British Isles for the next day or two, but in northwest Ireland and western Scotland cloudy to showery weather with S to SW winds may be expected before long. In SE England fair weather may continue for several days.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Monday 9th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands | Light Easterly breezes; fair; some mist or fog at night; moderate temperature. | Probably fair over SE England throughout Tuesday and Wednesday at least. |
| 5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England<br>11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man | Light indefinite to Southeasterly breezes; fair; some mist or fog at night; moderate temperature. | |
| 14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland | Light Southerly wind, veering to SW and increasing somewhat; fair to cloudy, some showers later; visibility mainly good; rather mild. | |
| 18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | As 5 to 13. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 EVN G. C. SIMPSON, F.R.S., Director.




H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

MONDAY 9th OCTOBER 1922

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:



BRITISH SECTION....Monday,.....9th October.....1922. No. 282.

**Observations at 0100 G.M.T.....9th.....**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1025.5 | 0 | WSW | 1 | 0 | 50 | 94 | 6 | - | - | 0 | A St | 10 | * |
| Stornoway ... ... | 1028.9 | -1 | S | 1 | 0 | * | * | 6 | * | * | * | * | * | * |
| Wick ... ... ... | 1028.3 | 0 | SSW | 1 | 0 | 51 | 92 | 8 | 5400 | St Cu | 10 | - | 10 | * |
| Castlebay ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head ... ... | 1028.1 | -1 | S | 3 | b | 44 | 85 | 6 | - | - | 0 | - | 0 | * |
| Renfrew ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1028.8 | 0 | ESE | 1 | 0 | 50 | 92 | 9 | * | St | 10 | - | 10 | * |
| Leuchars ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth ... ... | 1028.8 | -1 | NE | 1 | 0 | 50 | 85 | 4 | 4000 | St Cu | 10 | - | 10 | * |
| Blacksod Point ... | | | | | | | | | | | | | | * |
| Donaghadee ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Collinstown ... ... | 1029.9 | -1 | - | 0 | FFb | 58 | 94 | 1 | - | - | 0 | A Cu | 3 | * |
| Holyhead ... ... | | | | | | * | * | | | | | | | * |
| Liverpool (Bidston) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head ... ... | 1026.4 | -1 | E'N | 2 | c/r | 50 | 92 | 4 | 4000 | St Cu | 5 | A St | 9 | * |
| Nottingham ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell ... ... | 1026.6 | 0 | NNE | 3 | od | 48 | 94 | 6 | 800 | Nb | 10 | - | 10 | * |
| Gorleston ... ... | 1025.3 | 0 | NE | 3 | 0 | 55 | 85 | 6 | 5400 | St Cu | 9 | - | 9 | * |
| Valencia (Cahirciveen) | 1028.0 | -1 | SE | 1 | b | 44 | 92 | 8 | | | | | | * |
| Roches Point ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Ann's H.) | 1028.1 | 0 | NE | 2 | 0+ | 49 | 85 | 4 | 4000 | St Cu | 9 | - | 9 | * |
| Ross-on-Wye ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.) ... | * | * | * | * | * | 49 | * | * | * | * | * | * | * | * |
| Croydon ... ... | 1025.1 | -1 | NNE | 2 | 0 | 49 | 92 | 6 | 2500 | St Cu | 10 | - | 10 | * |
| Clacton-on-Sea ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Grain ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne ... ... | 1024.4 | 0 | N | 2 | bc | 43 | 94 | 4 | 2500 | Cu | 6 | - | 6 | * |
| Scilly (St. Mary's) ... | 1026.1 | 0 | E | 2 | b | 49 | 85 | 4 | - | - | 0 | - | 0 | * |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * |
| Plymouth (Cattewater) | * | * | * | * | * | - | * | * | * | * | * | * | * | * |
| Portland Bill ... ... | 1025.5 | 0 | NE | 4 | 0+ | ?, | 65 | 4 | - | - | 0 | A St | 10 | * |
| Southampton (Calshot) | 1025.1 | -1 | N | 3 | 0+ | 50 | 92 | 8 | 4000 | St Cu | 10 | - | 10 | * |
| Dungeness ... ... | 1023.4 | 0 | NE | 4 | bc | 52 | 94 | 8 | 1500 | Cu | 6 | - | 6 | * |
| Jersey (7h) ... ... | 1024.4 | 0 | NE | 5 | 0 | 55 | 85 | 4 | 4200 | St Cu | 3 | A Cu | 10 | * |
| Guernsey (1h) | | | | | | | | | | | | | | |

**Observations at 0700 G.M.T.....9th.....**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1024.4 | -1 | WSW | 1 | 0 | 50 | 94 | 4 | 4000 | Cu | 2 | A St | 10 | 0 |
| Stornoway ... ... | 1023.4 | -1 | SE | 2 | bc | 45 | 94 | 3 | 4000 | Cu | 6 | - | 6 | 0 |
| Wick ... ... ... | 1024.1 | -2 | SSW | 2 | 0 | 52 | 85 | 8 | 5400 | St Cu | 10 | - | 10 | 4 |
| Castlebay ... ... | 1026.0 | -1 | S | 4 | bc | 52 | 85 | 6 | 1500 | St Cu | 4 | - | 4 | * |
| Nairn ... ... ... | 1026.9 | * | - | 0 | c | 43 | 85 | 8 | 4000 | Cu | 4 | - | 4 | 0 |
| Aberdeen ... ... | 1028.3 | -1 | - | 0 | 0 | 44 | 94 | 4 | 1500 | St | 10 | - | 10 | 1 |
| Malin Head ... ... | 1026.3 | -1 | S | 3 | b | 41 | 94 | 6 | - | - | 0 | - | 0 | * |
| Renfrew ... ... | 1024.8 | -1 | - | 0 | ffo | 45 | 94 | 2 | 4000 | St Cu | 10 | - | 10 | 1 |
| Edinburgh (Inchkeith) | 1028.1 | -1 | ESE | 1 | 0 | 49 | 85 | 9 | * | St Cu | 10 | - | 10 | * |
| Leuchars ... ... | 1024.5 | -2 | - | 0 | od | 48 | 94 | 4 | 1500 | Nb | 10 | - | 10 | * |
| Eskdalemuir ... ... | 1028.2 | -1 | - | 0 | 0 | 45 | 94 | 8 | 800 | St Cu | 10 | - | 10 | 2 |
| Tynemouth ... ... | 1024.4 | 0 | NNE | 1 | 0 | 49 | 92 | 4 | 4000 | St Cu | 10 | - | 10 | * |
| Blacksod Point ... | | | | | | | | | | | | | | * |
| Donaghadee ... ... | 1026.4 | -1 | W | 1 | 0+ | 48 | 92 | 8 | 4200 | St Cu | 10 | - | 10 | 0 |
| Birr Castle ... ... | 1024.0 | * | E | 1 | ffo | 53 | 94 | 3 | <150 | St | 10 | - | 10 | * |
| Collinstown ... ... | 1024.4 | -2 | - | 0 | ffo | 54 | 94 | 1 | <150 | St | 10 | - | 10 | * |
| Holyhead ... ... | 1026.3 | -1 | ENE | 1 | 0 | 51 | 85 | 4 | 4000 | St Cu | 10 | - | 10 | 2 |
| Liverpool (Bidston) ... | 1026.6 | 0 | NE | 1 | 0+ | 48 | 92 | 5 | 2500 | St Cu | 10 | - | 10 | * |
| Chester (Shotwick) ... | 1026.6 | -1 | NNE | 2 | 0 | 49 | 92 | 3 | 4000 | St Cu | 10 | - | 10 | * |
| Spurn Head ... ... | 1026.6 | 0 | E | 3 | bc | 52 | 75 | 5 | 4000 | St Cu | 6 | - | 6 | 3 |
| Nottingham ... ... | 1025.6 | * | NE | 2 | 0 | 48 | 94 | 6 | 2500 | St Cu | 10 | - | 10 | * |
| Cranwell ... ... | 1026.2 | 0 | NNE | 3 | 0 | 44 | 94 | 6 | 2500 | St Cu | 10 | - | 10 | 1 |
| Gorleston ... ... | 1024.4 | -1 | NE | 4 | bc | 52 | 73 | 4 | 2500 | Cu Nb | 4 | - | 4 | * |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | * |
| Roches Point ... ... | 1026.1 | -1 | NE | 2 | 0 | 50 | 75 | 4 | 4000 | St Cu | 10 | - | 10 | 2 |
| Pembroke (St. Ann's H.) | 1025.4 | -1 | NE'N | 2 | odt | 48 | 94 | 4 | 800 | Nb | 10 | - | 10 | * |
| Ross-on-Wye ... ... | 1024.9 | 0 | NNE | 2 | 0 | 44 | 94 | 6 | 4000 | St Cu | 10 | - | 10 | * |
| Benson... ... ... | 1024.8 | 0 | NE | 2 | 0 | 44 | 94 | 4 | 2500 | St Cu | 10 | - | 10 | * |
| Andover ... ... | 1024.2 | -1 | NNE | 1 | 0 | 44 | 85 | 4 | 4000 | St Cu | 3 | A Cu | 9 | * |
| S. Farnborough ... | 1024.3 | 0 | NNE | 2 | 0 | 49 | 85 | 6 | 4000 | St Cu | 6 | A Cu | 9 | * |
| London (Kew Obsy.) ... | 1024.2 | -1 | NE'N | 2 | bc | 48 | 85 | 5 | 4000 | St Cu | 4 | - | 4 | * |
| Croydon ... ... | 1024.0 | 0 | N | 3 | bc | 46 | 85 | 4 | 2500 | Cu | 5 | - | 5 | 0 |
| Clacton-on-Sea ... | 1023.9 | 0 | NE | 1 | bc | 45 | 85 | 4 | 4000 | Cu | 4 | - | 4 | * |
| Shoeburyness ... ... | 1023.9 | 0 | NNE | 4 | b | 49 | 85 | 8 | 4000 | St Cu | 2 | - | 2 | * |
| Grain ... ... ... | 1023.2 | 0 | N'E | 4 | c | 44 | 85 | 8 | 2500 | Cu | 4 | - | 4 | * |
| Lympne ... ... | | | | | | | | | | | | | | |
| Scilly (St. Mary's) ... | 1024.5 | -2 | E | 1 | 0+ | 50 | 85 | 8 | 4000 | St Cu | 10 | - | 10 | 0 |
| Falmouth (Pendennis) | 1024.4 | -2 | NE | 3 | 0+ | 51 | 45 | 6 | 4000 | St Cu | 10 | - | 10 | 0 |
| Plymouth (Cattewater) | 1024.6 | 0 | NE | 3 | 0 | 50 | 84 | 4 | 5400 | St Cu | 10 | - | 10 | 3 |
| Portland Bill ... ... | 1023.4 | -2 | NE | 4 | bc | ? | ? | 4 | - | - | 0 | A Cu | 4 | * |
| Southampton (Calshot) | 1024.1 | -1 | N | 3 | 0 | 48 | 92 | 6 | 4000 | St Cu | 10 | - | 10 | 4 |
| Dungeness ... ... | 1022.6 | -1 | ENE | 4 | bc | 52 | 94 | 8 | 1500 | Cu | 5 | - | 5 | 4 |
| Jersey (7h) ... ... | 1022.3 | 0 | NE | 4 | 0 | 54 | 85 | 8 | 2500 | St Cu | 10 | - | 10 | * |
| Guernsey (1h) | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR.....8th October.....

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 7½-8 | Temperature. Max. Day. 8½ | Rainfall.† Night 17h.-9h. 7½-8½ | Rainfall.† Day 9h.-17h. 8½ | Sunshine. Sunrise to 17h. 8½ | Sunshine. Sunrise to Sunset. 7½ |
|---|---|---|---|---|---|---|---|---|
| | | | °F. | °F. | mm. | mm. | hr. | hr. |
| Banff ... ... | 0 | 0 | 46 | 55 | 0.6 | - | 0.0 | 2.3 |
| Montrose ... ... | - | - | 42 | 53 | - | - | 0.0 | 7.9 |
| Llandudno ... ... | b | b | 32 | 55 | - | - | 8.4 | 5.1 |
| Colwyn Bay ... | bc | bcc | 37 | 55 | - | - | 7.8 | 6.2 |
| Rhyl... ... ... | bc | bc | 34 | 55 | - | - | 7.4 | 4.0 |
| Southport ... ... | bbc | co | 34 | 55 | - | - | 5.5 | 9.2 |
| Blackpool ... ... | bc | bco | 34 | 57 | - | - | 6.3 | 8.8 |
| Harrogate ... ... | oc | co | 38 | 51 | - | - | 0.0 | 8.5 |
| Skegness ... ... | o | odrod | 41 | 54 | - | 1 | 0.4 | 5.0? |
| Aberystwyth ... | cbb | b | 36 | 56 | - | - | 8.5 | 7.0 |
| Bath ... ... | bcb | bcco | 41 | 54 | - | - | 4.0 | 5.2 |
| Leamington Spa ... | bc | bo | 38 | 52 | - | - | 0.0 | 2.5 |
| Lowestoft ... ... | o | oco | 52 | 56 | - | - | 0.7 | 5.7 |
| Felixstowe ... ... | o | obc | 45 | 57 | - | - | 0.8 | 6.4 |
| Southend ... ... | oc | co | 44 | 56 | - | - | 0.8 | 6.2 |
| Paignton ... ... | bb | cco | 44 | 56 | - | - | 7.9 | 6.7 |
| Ilfracombe ... ... | bbc | bcco | 48 | 55 | - | - | 7.0 | 4.5 |
| Bude ... ... | | | | | | | | 8.2 |
| Penzance ... ... | b | b | 43 | 59 | - | - | 9.7 | 6.7 |
| Falmouth Observatory | b | b | 40 | 59 | - | - | 9.6 | 7.3 |
| Torquay ... ... | b | b | 45 | 56 | - | - | 8.4 | 7.9 |
| Weymouth ... ... | bc | co | 42 | 58 | - | - | 8.0 | |
| Bournemouth ... | bb | bbc | 40 | 57 | - | - | 8.0 | 8.2 |
| Portsmouth (S'thsea) | b | b | 44 | 59 | - | - | 8.0 | 7.1 |
| Worthing ... ... | bc | o | 45 | 57 | - | - | 3.6 | 9.3 |
| Brighton ... ... | c | o | 46 | 57 | - | - | 2.1 | 8.8 |
| Eastbourne ... ... | o | o | 46 | 55 | - | - | 0.0 | 7.7 |
| Hastings ... ... | om | odo | 47 | 54 | - | 0.1 | 0.0 | 8.3 |
| Folkestone ... ... | o | bc | 50 | 58 | 0.4 | - | 0.0 | 0.0 |
| Tunbridge Wells ... | o | co | 43 | 56 | - | - | 1.0 | 7.2 |
| Ramsgate ... ... | oc | cybc | 50 | 56 | - | 0.5 | 6.4 | 5.1 |
| Margate ... ... | o | o | 52 | 55 | - | - | 0.1 | 6.6 |
| Deal ... ... ... | odc | bcc | 51 | 56 | 0.3 | - | 0.5 | 6.0 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22,234 TUESDAY, 10th OCTOBER 1922. 

Observations at 1300 G.M.T. 9th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1025·4 | -2 | S | 3 | o | 50 | 85 | 7 | 4000 | Cu | 4 | ASt | 10 | * |
| Stornoway | 1023·9 | -2 | SSW | 4 | c+ | 54 | 75 | 7 | 4000 | Cu | 8 | - | 8 | * |
| Wick | 1025·4 | -2 | SSE | 3 | o | 52 | 85 | 8 | 5700 | StCu | 9 | - | 9 | * |
| Castlebay | 1024·6 | -1 | SSE | 4 | c+ | 52 | 85 | 7 | 1500 | CuNb | 7 | - | 7 | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1027·4 | -2 | S | 2 | c | 51 | 85 | 6 | 2500 | St | 8 | - | 8 | * |
| Malin Head | 1024·8 | -1 | SW | 3 | mmb | 52 | 75 | 6 | - | - | 0 | CiCu | 1 | * |
| Renfrew | 1026·7 | -2 | Calm | - | mo- | 52 | 85 | 4 | 4000 | St | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1027·0 | -1 | ESE | 1 | o | 52 | 75 | 9 | - | St | 10 | - | 10 | * |
| Leuchars | 1026·7 | -2 | E | 1 | o | 51 | 92 | 8 | 4000 | StCu | 10 | - | 10 | * |
| Eskdalemuir | 1027·0 | -1 | Calm | - | o | 49 | 75 | 8 | 1500 | StCu | 10 | - | 10 | * |
| Tynemouth | 1027·0 | 0 | NE | 1 | bc- | 53 | 85 | 7 | 4000 | CuNb | 1 | ACu | 4 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1026·4 | 0 | E | 2 | o | 53 | 85 | 8 | 5700 | StCu | 5 | ASt | 10 | * |
| Birr Castle | 1025·3 | * | E | 1 | c/f | 53 | 85 | 6 | 4000 | Cu | 5 | CiCu | 8 | * |
| Collinstown | 1026·8 | -1 | NE'N | 1 | o | 50 | 97 | 5 | 1500 | St | 10 | - | 10 | * |
| Holyhead | 1025·4 | -4 | NE'E | 1 | o | 54 | 75 | 6 | 4000 | StCu | 10 | - | 10 | * |
| Liverpool (Bidston) | 1025·0 | -2 | E | 1 | o | 53 | 65 | 4 | 800 | CuNb | 10 | - | 10 | * |
| Chester (Shotwick) | 1025·6 | -2 | ENE | 2 | o | 52 | 85 | 5 | 5700 | StCu | 10 | - | 10 | * |
| Spurn Head | 1025·4 | -1 | NNE | 4 | c | 54 | 85 | 7 | 4000 | St | 8 | - | 8 | * |
| Nottingham | 1024·7 | * | ENE | 2 | o | 56 | 75 | 7 | 800 | Nb | 8 | CiSt | 10 | * |
| Cranwell | 1025·2 | -1 | NE'E | 3 | o | 55 | 65 | 8 | 2500 | StCu | 10 | - | 10 | * |
| Gorleston | 1024·4 | 0 | E'N | 4 | bc | 55 | 75 | 7 | 4000 | Cu | 4 | CiCu | 5 | * |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1025·1 | -2 | ESE | 2 | o | 53 | 75 | 7 | 2500 | StCu | 10 | - | 10 | * |
| Ross-on-Wye | 1024·1 | -2 | NE'E | 3 | o | 53 | 65 | 8 | 4000 | StCu | 10 | - | 10 | * |
| Benson | 1023·5 | -3 | NE | 3 | c | 55 | 65 | 8 | - | Cu | 5 | Ci | 7 | * |
| Andover | 1023·1 | -2 | E | 2 | bc- | 56 | 65 | 7 | 4000 | StCu | 3 | ASt | 6 | * |
| S. Farnborough | 1023·0 | -2 | NE | 2 | o+ | 54 | 75 | 7 | 2500 | Cu | 9 | - | 9 | * |
| London (Kew Obsy.) | 1023·0 | -3 | NE'N | 3 | ojp | 55 | 65 | 6 | 2500 | CuNb | 10 | - | 10 | * |
| Croydon | 1022·9 | -2 | NE | 3 | o+ | 54 | 75 | 6 | 2500 | CuNb | 10 | - | 10 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | 1022·9 | -1 | NE'E | 2 | c+ | 56 | 65 | 8 | 4000 | StCu | 6 | ACu | 8 | * |
| Grain | 1022·8 | -1 | NE | 4 | c+ | 57 | 75 | 8 | 2500 | StCu | 6 | ACu | 7 | * |
| Lympne | 1022·4 | -1 | NE | 4 | c | 55 | 65 | 8 | 2500 | StCu | 5 | ACu | 7 | * |
| Scilly (St. Mary's) | 1024·4 | 0 | E'N | 1 | o | 55 | 75 | 8 | 4000 | StCu | 10 | - | 10 | * |
| Falmouth (Pendennis) | 1023·5 | -1 | NE | 3 | o+ | 54 | 85 | 8 | 4000 | StCu | 9 | - | 9 | * |
| Plymouth (Cattewater) | 1023·6 | -1 | E | 2 | c | 55 | 65 | 8 | 4000 | StCu | 10 | - | 10 | * |
| Portland Bill | 1023·2 | -1 | NE | 5 | bc- | 54 | 75 | 7 | - | - | 0 | CiCu | 3 | * |
| Southampton (Calshot) | 1023·0 | -4 | NNE | 4 | c | 57 | 65 | 7 | 4000 | StCu | 6 | ASt | 8 | * |
| Dungeness | 1021·5 | -2 | ENE | 5 | bc- | 57 | 97 | 8 | 2500 | Cu | 4 | Ci | 6 | * |
| Jersey | 1020·8 | -1 | ENE | 3 | b- | 56 | 75 | 8 | - | - | 0 | ACu | 3 | * |

Observations at 1800 G.M.T. 9th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1024·7 | -2 | S | 3 | o | 49 | 92 | 7 | 4000 | Cu | 2 | ASt | 10 | 2 |
| Stornoway | 1022·8 | -1 | S | 2 | b- | 50 | 85 | 8 | 4000 | Cu | 3 | - | 3 | 1 |
| Wick | 1023·9 | -2 | S | 4 | o | 51 | 85 | 8 | 4000 | Nb | 5 | CiSt | 10 | 3 |
| Castlebay | 1023·4 | -1 | SSE | 4 | o | 52 | 65 | 7 | 800 | CuNb | 9 | - | 9 | 4 |
| Nairn | 1024·3 | * | SW | 1 | c+ | 45 | 85 | 7 | 1500 | St | 8 | - | 8 | * |
| Aberdeen | 1026·4 | -1 | S | 2 | c | 49 | 92 | 5 | 1500 | St | 8 | - | 8 | 0 |
| Malin Head | 1023·5 | -2 | SSW | 1 | mmb | 48 | 85 | 6 | - | - | 0 | ASt | 1 | 1 |
| Renfrew | 1025·6 | -1 | Calm | 0 | o/f | 49 | 92 | 6 | 2500 | StCu | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1025·7 | 0 | ENE | 1 | o | 49 | 97 | 8 | - | StCu | 10 | - | 10 | 1 |
| Leuchars | 1025·7 | -1 | SE | 2 | o | 49 | 92 | 7 | 4000 | StCu | 10 | - | 10 | * |
| Eskdalemuir | 1026·3 | -0 | Calm | 0 | o | 47 | 85 | 7 | 1500 | StCu | 10 | - | 10 | * |
| Tynemouth | 1026·1 | +1 | E | 1 | o | 51 | 85 | 7 | 4000 | StCu | 10 | - | 10 | 1 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1024·6 | -2 | SSE | 1 | o | 52 | 85 | 7 | 2500 | StCu | 10 | - | 10 | 0 |
| Birr Castle | 1024·4 | * | NE | 1 | bc | 48 | 85 | 6 | - | - | 0 | ACu | 5 | * |
| Collinstown | 1025·7 | -1 | Calm | 0 | mmo | 49 | 92 | 5 | 2500 | St | 10 | - | 10 | * |
| Holyhead | 1024·3 | -0 | NE'E | 3 | o | 52 | 85 | 6 | 4000 | StCu | 10 | - | 10 | 0 |
| Liverpool (Bidston) | 1024·3 | -1 | E | 1 | o | 52 | 85 | 5 | 1500 | Cu | 10 | - | 10 | 1 |
| Chester (Shotwick) | 1024·5 | -0 | N | 1 | o | 50 | 92 | 5 | 4000 | StCu | 10 | - | 10 | * |
| Spurn Head | 1024·0 | -1 | NE | 4 | c | 53 | 92 | 7 | 1500 | StCu | 8 | - | 8 | 4 |
| Nottingham | 1024·1 | * | NNE | 2 | o | 52 | 92 | 6 | 1500 | Nb | 10 | - | 10 | * |
| Cranwell | 1024·3 | -0 | NE'E | 2 | o | 51 | 97 | 6 | 1500 | StCu | 10 | - | 10 | * |
| Gorleston | 1023·0 | -1 | E'N | 4 | o+ | 53 | 75 | 7 | 4000 | StCu | 9 | - | 9 | 4 |
| Valencia (Cahirciveen) | 1024·1 | +1 | SE | 2 | c | 53 | 85 | 7 | - | St | 8 | - | 8 | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1023·9 | -2 | ESE | 2 | o | 51 | 75 | 7 | 2500 | StCu | 10 | - | 10 | 2 |
| Ross-on-Wye | 1023·4 | -1 | N | 1 | bc- | 49 | 85 | 8 | 4000 | StCu | 5 | ACu | 6 | * |
| Benson | 1022·0 | -1 | NNE | 3 | o | 51 | 85 | 8 | - | St | 10 | - | 10 | * |
| Andover | 1022·6 | -1 | ENE | 3 | oro | 52 | 85 | 8 | 4000 | St | 10 | - | 10 | * |
| S. Farnborough | 1022·2 | 0 | NE | 2 | o/r | 51 | 92 | 7 | 2500 | StCu | 10 | - | 10 | * |
| London (Kew Obsy.) | 1022·5 | +0 | ENE | 2 | o | 53 | 75 | 4 | 2500 | StCu | 9 | - | 9 | * |
| Croydon | 1022·5 | +1 | ENE | 1 | c/r | 49 | 85 | 5 | 4000 | StCu | 8 | - | 8 | * |
| Clacton-on-Sea | 1022·4 | -1 | NE | 3 | bc | 53 | 75 | 7 | 2500 | Cu | 5 | - | 5 | 1 |
| Shoeburyness | 1022·4 | -1 | Calm | - | b- | 48 | 85 | 8 | 4000 | StCu | 1 | - | 1 | * |
| Grain | 1022·0 | -0 | NE | 4 | bc | 53 | 75 | 8 | 4000 | StCu | 5 | - | 5 | 0 |
| Lympne | 1021·8 | +0 | N'E | 3 | bc | 47 | 92 | 7 | 4000 | StCu | 5 | - | 5 | * |
| Scilly (St. Mary's) | 1023·0 | -1 | NE | 1 | o | 52 | 85 | 7 | 4000 | StCu | 10 | - | 10 | 1 |
| Falmouth (Pendennis) | 1022·6 | -1 | NE | 2 | o | 52 | 92 | 8 | 2500 | StCu | 9 | - | 9 | 0 |
| Plymouth (Cattewater) | 1022·9 | -0 | NE | 1 | b | 51 | 75 | 8 | 5700 | StCu | 2 | - | 2 | 0 |
| Portland Bill | 1022·3 | -1 | NNE | 4 | c+ | 54 | 75 | 7 | - | - | 0 | ACu | 8 | 3 |
| Southampton (Calshot) | 1022·0 | +0 | NNE | 4 | o | 53 | 85 | 6 | 4000 | StCu | 10 | - | 10 | 0 |
| Dungeness | 1021·1 | -1 | ENE | 5 | bcjp | 54 | 97 | 8 | 4000 | CuNb | 5 | - | 5 | 4 |
| Jersey | 1020·5 | 0 | NE | 3 | bc | 53 | 85 | 8 | 4000 | StCu | 4 | - | 4 | 3 |

| London Observations. | Weather Morning. | Weather Afternoon. | Weather Night. | Temperature Max. °F. | Temperature Min. °F. | Min. on Grass. °F. | Rainfall mm. Day. | Rainfall mm. Night. | Sunshine to Sunset. hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 Hours ended 0900 G.M.T. 10th | | | | | | | | Yesterday. | Yesterday. | To-day. |
| Kew (24 hours ended 0700) | b2w ojp | ozup | cm.bc.d | * | * | 30 | - | TR | 4.4 | * | * |
| Croydon (24 hours ended 0700) | b.c, omz | o.bc.md | e.mmd | * | * | 31 | TR | TR | 3.9 | * | * |
| Greenwich (Royal Obsy.) | bc | o.e | o.bjp.c.id | 58 | 43 | 34 | - | 1 | 4.8 | 41 | 93 |
| City (Bunhill Row) | * | * | * | * | * | * | * | * | 4.2 | * | * |
| Westminster (St. James' Pk.) | * | * | * | 59 | 44 | * | | 1 | 4.3 | 43 | 46 |
| Regent's Pk. (Botanic Gdns). | * | * | * | * | * | * | * | * | 4.4 | * | * |
| Camden Square | o | o | * | 59 | 45 | 39 | - | 1 | * | * | 94 |
| Kensington Palace | c.o | o | * | 54 | 45 | 34 | 0.3 | 0.5 | * | 49 | 93 |
| Hampstead Observatory | * | * | * | 56 | 44 | 35 | TR | 1 | 5.5 | | 94 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 9th

| | Max. | Time. | Min. | Time. |
|---|---|---|---|---|
| South Kensington | | | | |
| Kew Observatory | 0.4 | 1400 8th | <0.3 | 2400 8th to 0400 9th |
| | 0.4 | 0800 9th | | |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday. South Kensington.

Total ............ joules

Average Rate ............ Milliwatts.

Maximum Rate ............ Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 9th 18 h. 15 m. to 10th 5 h. 15 m.

| Stars. | Exposure. h. m. | Record. h. m. | % |
|---|---|---|---|
| Polaris | 11 0 | 4 20 | 64 |
| δ Ursae Minoris | 11 0 | 4 4 | 65 |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per 1 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | c, c2 | 4 | - | 125° |
| 18h. | c | 5 | - | 100° |
| 01h. | c | 4 | - | 170° |
| 07h. | c, c2 | 4 | - | 95° |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.** 10th & 11th October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.11 | 11.40 | 5.9 |
| | 6.13 | 11.40 | 5.6 |
| Greenwich | 6.14 | 11.44 | 5.14 |
| | 6.19 | 11.44 | 5.15 |
| Wick | 6.39 | 11.59 | 5.19 |
| | 6.41 | 11.59 | 5.14 |
| Valencia | 6.58 | 12.28 | 5.58 |
| | 7.0 | 12.28 | 5.55 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent: − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
$r_o r_o$ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**

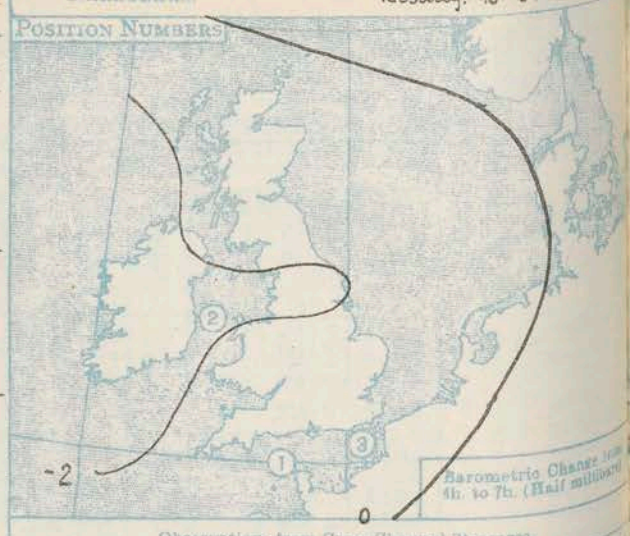
0=no swell, 1=mod. swell, 2=heavy swell — Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell — Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

## Summaries for the Past 24 Hours.

| Stations. | Weather. 7h.–13h. 9th | Weather. 13h.–18h. 9th | Weather. 18h. 9th to 1h. 10th | Weather. 1h.–7h. 10th | Temperature. Max. Day. 7h.–18h. | Temperature. Min. Night. 18h.–7h. | Temperature. Min. on Grass | Rainfall.† Day. 7h.–18h. mm. | Rainfall.† Night. 18h.–7h. mm. | Rainfall.† Precipitation began. | Rainfall.† Precipitation began. | Sun. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | o | o | od | oo | 51 | 44 | • | – | 0·2 | – | <21·00 | • |
| Stornoway ... ... | c | bc | c | oo | 55 | 44 | • | – | – | – | – | 5·2 |
| Wick ... ... ... | o | o | oo | oo | 52 | 48 | • | – | – | – | – | • |
| Castlebay ... ... | bcoc | co | o | om | 52 | 51 | • | – | – | – | – | 4·8 |
| Nairn ... ... ... | cgm | cg | ogm | om | 54 | 43 | • | – | – | – | – | 1·2 |
| Aberdeen ... ... | c | omocm | cm.od | om | 52 | 44 | 38 | – | 0·3 | – | <21·00 | 0·1 |
| Malin Head ... ... | bcm | bm | bme | bcmw | 54 | 42 | • | – | Trace | – | • | 8·4 |
| Renfrew ... ... | offwm | omw | omw | omw | 53 | 42 | 34 | – | – | – | • | 0·0 |
| Edinburgh (Inchkeith) | o | o | oo | oo | 53 | 44 | 40 | – | – | – | • | 0·0 |
| Leuchars ... ... | o | r-d | oo | | 52 | 43 | 34 | trace | – | <0800 | • | 0·1 |
| Eskdalemuir ... ... | oodo | o | oo | | 50 | 42 | 38 | trace | – | <0800 | • | 0·0 |
| Tynemouth ... ... | old | o | oo | c | 54 | 49 | 42 | 0·2 | – | 0900 | • | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | c | co | o | bc | 53 | 46 | • | – | – | – | – | • |
| Birr Castle ... ... | ffob | bcz | ffo | c.off.b | 56 | 33 | 30 | – | – | – | • | • |
| Collinstown ... ... | oom | odom | oo3 | c.bc.by | 51 | ?39 | • | trace | – | 13.30 | – | 0·3 |
| Holyhead ... ... | oo | oom | oo | oom | 55 | 44 | 39 | – | – | – | • | 0·0 |
| Liverpool (Bidston) ... | om | f-m | f.m | | 54 | 44 | 43 | – | – | – | – | 0·2 |
| Chester (Shotwick) ... | om | o | om | c.owm | 54 | 46 | 41 | – | – | – | – | • |
| Spurn Head ... ... | c | c | c | c | 54 | 44 | • | – | 0·3 | – | 06·30 | 3·6 |
| Nottingham ... ... | co | cido | or | oc | 57 | 46 | 42 | trace | 2 | 14.30 | 22·00 | 3·1 |
| Cranwell ... ... | oco | dpr | oprm | oopr | 56 | 43 | 39 | 0·3 | 1 | 13.30 | <21·00 | 1·4 |
| Gorleston ... ... | b-bc | bcc | c.ido | or.cq | 54 | 46 | 46 | – | 0·2 | – | 22·00 | 6·8 |
| Valencia (Cahirciveen) | | cm | cm | | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | o | o | c.bc.b | oo | 54 | ?45 | • | – | – | – | • | 0·0 |
| Ross-on-Wye ... ... | poco | bccoc | c.oidmo | q.om | 55 | 44 | 44 | 0·2 | 0·2 | <0800 | <21·00 | 3·1 |
| Benson ... ... ... | c | bco | o.cp.bc | bc.cf | 57 | 42 | 39 | – | Trace | – | <21·00 | • |
| Andover ... ... | ocbc | bcco | or.c | bc.cfo | 58 | 43 | 39 | – | – | – | • | 4·1 |
| S. Farnborough ... | bo | ogorog | o.c | of.om | 55 | 34 | 38 | trace | – | 14.30 | • | 2·9 |
| London (Kew Obsy.) ... | bzwoujp | ozup | cm.bcm | bmd | 56 | 42 | 30 | – | Trace | – | 06·30 | 4·4 |
| Croydon ... ... | bcbcoftz | obcczmd | c.bcm | omwd | 56 | 38 | 31 | trace | Trace | 13.30 | 06·30 | 3·9 |
| Clacton-on-Sea ... | bc | bc | bc | bcepr | 58 | 44 | 44 | – | 2 | – | 04.30 | 6·9 |
| Shoeburyness ... ... | bcc | cco | b.bc | c.opr.o | 59 | 43 | 39 | – | 2 | – | • | 6·4 |
| Grain ... ... ... | bbcc | opobc | b.bc.o | or.R.o | 54 | 46 | 44 | trace | 3 | 14.30 | 01·30 | 5·4 |
| Lympne ... ... | cbcopr | cb | r.r | oo | 55 | 45 | 39 | – | 1 | – | <21.00 | 8·4 |
| Scilly (St. Mary's) ... | oc | o | o | o.bc.b | 56 | 45 | • | – | – | – | – | 0·0 |
| Falmouth (Pendennis) | omc | co | | bm | 54 | 42 | • | – | – | – | – | 0·4 |
| Plymouth (Cattewater) | c | cbcb | | b.oim | 54 | 42 | 34 | – | – | – | – | 4·4 |
| Portland Bill ... ... | bc | bcc | op.c | c | 56 | 46 | • | – | 0·2 | – | 02·30 | • |
| Southampton (Calshot) | c | o | bm | f.m | 58 | 43 | 41 | – | – | – | – | 3·8 |
| Dungeness ... ... | c | c | oo | c | 54 | 51 | • | – | 1 | – | 22·00 | • |
| Jersey 7h } ... | ocb | bbcb | p | op.o | 54 | 44 | • | – | 2 | – | 22·00 | 2·6 |
| Guernsey 1h } | | | | | | | | | | | | |




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. | |
|---|---|---|---|---|---|---|---|---|
| 2 | 9th 1000 | "Anglia" | ESE | 3 | og | 53 | 56 | Y |
| 3 | 10th 0300 | "Arundel" | NE | 2 | b | 53 | 58 | Y |

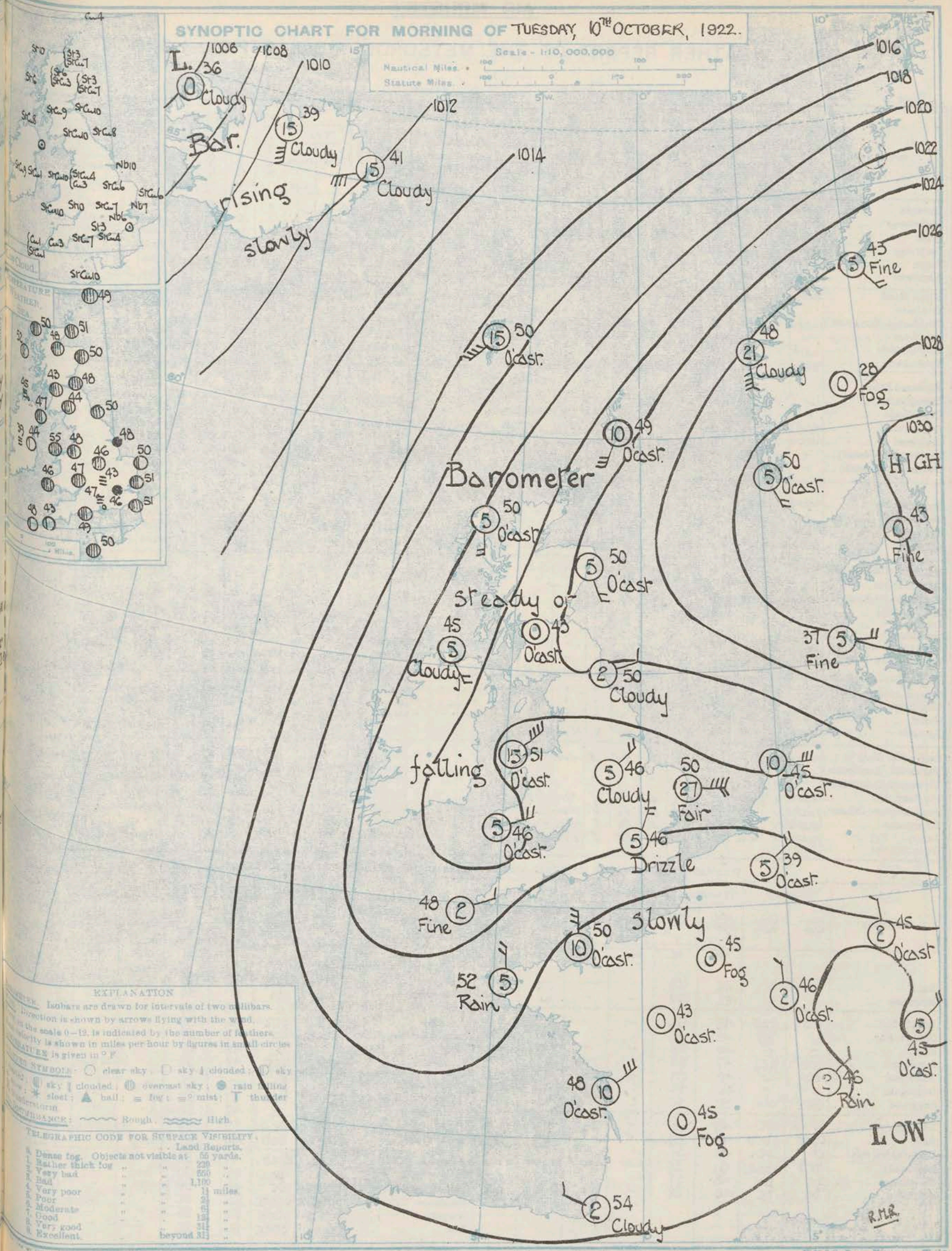
General Inference.

The large anticyclone centred over the Baltic will maintain Easterly winds of moderate strength over England but in the northwestern parts of Scotland and Ireland winds will be S to SW fresh at times. The weather will be mainly cloudy with fairer periods, but local rain or drizzle is likely today in England and western Scotland.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 10th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England | Moderate N.E. to E. winds; cloudy, some fairer periods; local rain or drizzle; visibility mainly good; moderate temperature. | Probably mainly fair over eastern England. |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man | Light or moderate Southerly winds; cloudy, some fairer periods; visibility mainly good; moderate temperature. | |
| 14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland<br>18. N.E. Ireland | Wind S to SW, fresh at times; cloudy, occasional rain locally, some fairer periods; visibility moderate to good; moderate temperature. | |
| 19. S.E. Ireland<br>20. S.W. Ireland | Light indefinite to S.E winds; fair; some mist or fog but day visibility moderate to good; moderate temperature. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09·30. SIR G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION..Tuesday....., 10th October.....1922. No. 263...

### Observations at 0100 G.M.T....10th.....

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1023·8 | 0 | SSW | 3 | ofr | 50 | 85 | 4 | - | - | 0 | A St | 10 | * |
| Stornoway ... ... | 1023·0 | -2 | SSW | 3 | 0 | * | * | 6 | * | * | * | * | * | * |
| Wick ... ... ... | 1023·2 | 0 | SSW | 3 | 0 | 50 | 85 | 8 | 5400 | St Cu | 10 | - | 10 | * |
| Castlebay ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head ... ... | 1022·4 | -3 | SSE | 2 | mb- | 43 | 94 | 6 | - | - | 0 | - | 0 | * |
| Renfrew ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1025·0 | -1 | SSE | 2 | 0 | 49 | 85 | 8 | 5400 | St Cu | 10 | - | 10 | * |
| Leuchars ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth ... ... | 1025·0 | -1 | E | 1 | c- | 51 | 85 | 4 | 4000 | St Cu | 8 | - | 8 | * |
| Blacksod Point ... | | | | | | | | | | | | | | * |
| Donaghadee ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Collinstown ... ... | 1024·2 | -3 | - | 0 | 0 | 49 | 94 | 5 | 1500 | St | 10 | - | 10 | * |
| Holyhead ... ... | 1023·0 | -2 | - | 0 | 0 | 51 | 92 | 8 | 1500 | St Cu | 10 | - | 10 | * |
| Liverpool (Bidston) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head ... ... | 1023·8 | 0 | E | 3 | 0 | 53 | 95 | 8 | 4000 | St Cu | 10 | - | 10 | * |
| Nottingham ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell ... ... | 1023·4 | -1 | NE'E | 3 | ofr | 48 | 92 | 6 | 5400 | St Cu | 10 | - | 10 | * |
| Gorleston ... ... | 1021·8 | -1 | SE'E | 4 | od | 52 | 95 | 4 | 4000 | Nb | 10 | - | 10 | * |
| Valencia (Cahirciveen) | 1022·4 | 0 | SSE | 2 | c+ | 49 | 97 | 6 | * | St Cu | 4 | - | 4 | * |
| Roches Point ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Ann's H.) | 1023·1 | 0 | NE | 3 | b | 46 | 85 | 4 | - | - | 0 | - | 0 | * |
| Ross-on-Wye ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.)... | * | * | * | * | * | 46 | * | * | * | * | * | * | * | * |
| Croydon ... ... | 1021·3 | -1 | - | 0 | bc | 40 | 94 | 5 | 4000 | St Cu | 4 | Ci | 6 | * |
| Clacton-on-Sea ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Grain ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne ... ... | 1019·9 | -1 | NNE | 2 | ofr | 44 | 94 | 4 | 1500 | St Cu | 10 | - | 10 | * |
| Scilly (St. Mary's) ... | 1022·0 | 0 | - | 0 | c | 50 | 94 | 8 | 4000 | St Cu | 10 | - | 10 | * |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Portland Bill ... ... | 1020·0 | 0 | NE | 4 | cpr | 49 | 85 | 4 | 1500 | St Cu | 4 | - | 4 | * |
| Southampton (Calshot) | 1021·1 | -1 | N | 2 | mb- | 48 | 92 | 5 | 4000 | St Cu | 1 | - | 1 | * |
| Dungeness ... ... | 1020·0 | -1 | NE | 4 | 0 | 52 | 94 | 8 | 4000 | Cu Nb | 10 | - | 10 | * |
| Jersey 7h } ... ... | 1020·1 | -1 | NNE | 3 | ofr | 52 | 95 | 8 | 5400 | St Cu | 9 | - | 9 | * |
| Guernsey 1h } | | | | | | | | | | | | | | |

### Observations at 0700 G.M.T.....10th.....

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1023·2 | 0 | SSW | 3 | 0 | 49 | 92 | 4 | 4000 | Cu | 4 | A St | 10 | 2 |
| Stornoway ... ... | 1020·3 | -1 | S | 2 | 0 | 50 | 85 | 6 | 800 | St | 10 | - | 10 | 0 |
| Wick ... ... ... | 1023·4 | 0 | SSW | 2 | 0 | 51 | 95 | 4 | 2500 | St Cu | 10 | - | 10 | 0 |
| Castlebay ... ... | 1020·4 | 0 | S | 4 | bc | 52 | 95 | 6 | 4000 | St | 6 | - | 6 | 4 |
| Nairn ... ... ... | 1022·6 | * | - | 0 | 0 | 48 | 93 | 4 | 1500 | St | 9 | - | 9 | * |
| Aberdeen ... ... | 1024·6 | 0 | S'E | 2 | 0 | 50 | 85 | 6 | 1500 | St Cu | 10 | - | 10 | 0 |
| Malin Head ... ... | 1020·6 | -2 | SSE | 2 | mmc | 45 | 94 | 6 | 5400 | St Cu | 8 | - | 8 | 1 |
| Renfrew ... ... | 1023·4 | 0 | - | 0 | 0- | 43 | 94 | 4 | 5400 | St Cu | 9 | - | 9 | * |
| Edinburgh (Inchkeith) | 1023·8 | 0 | SE | 1 | 0 | 48 | 85 | 4 | * | St Cu | 10 | - | 10 | 1 |
| Leuchars ... ... | 1023·6 | -1 | - | 0 | 0 | 44 | 94 | 4 | 4000 | St Cu | 10 | - | 10 | * |
| Eskdalemuir ... ... | 1023·9 | 0 | N | 1 | 0 | 44 | 92 | 4 | 2500 | St Cu | 10 | - | 10 | * |
| Tynemouth ... ... | 1023·8 | -1 | ENE | 1 | c | 50 | 92 | 4 | 4000 | St Cu | 8 | - | 8 | 1 |
| Blacksod Point ... | | | | | | | | | | | | | | |
| Donaghadee ... ... | 1022·2 | -1 | SSE | 1 | c- | 49 | 94 | 4 | - | - | 0 | A St | 8 | 0 |
| Birr Castle ... ... | 1021·3 | * | W | 1 | f/o | 39 | 94 | 3 | 4000 | St Cu | 9 | - | 9 | * |
| Collinstown ... ... | 1022·4 | -2 | - | 0 | 1b- | 44 | 92 | 6 | 4000 | St Cu | 1 | A St | 2 | 1 |
| Holyhead ... ... | 1021·0 | -1 | NE'E | 4 | 0 | 51 | 92 | 6 | 4000 | St Cu | 10 | - | 10 | 2 |
| Liverpool (Bidston) ... | 1021·5 | -2 | E'N | 3 | c- | 48 | 85 | 5 | 2500 | St Cu | 4 | - | 4 | * |
| Chester (Shotwick) ... | 1021·8 | -2 | NE | 2 | 0 | 48 | 92 | 4 | 4000 | St Cu | 9 | - | 9 | |
| Spurn Head ... ... | 1021·2 | -2 | E | 3 | ot- | 43 | 92 | 4 | 4000 | Nb | 10 | - | 10 | 4 |
| Nottingham ... ... | 1021·4 | * | NE | 2 | c+ | 46 | 92 | 6 | 800 | St Cu | 6 | A Cu | 8 | * |
| Cranwell ... ... | 1021·2 | 0 | ENE | 2 | 0 | 46 | 92 | 4 | 2500 | Nb | 10 | - | 10 | * |
| Gorleston ... ... | 1021·2 | 0 | E | 6 | bc- | 50 | 65 | 4 | 4000 | St Cu | 6 | - | 6 | 4 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1022·4 | 0 | ENE | 2 | ot | 46 | 85 | 4 | 4000 | St Cu | 10 | - | 10 | 3 |
| Ross-on-Wye ... ... | 1020·8 | -1 | - | 0 | 0 | 49 | 94 | 4 | 800 | St | 10 | - | 10 | * |
| Benson... ... ... | 1020·1 | 0 | NE | 1 | cf | 43 | 94 | 2 | * | St Cu | 4 | - | 4 | * |
| Andover ... ... | 1018·3 | -1 | NNE | 2 | 0 | 44 | 94 | 6 | 4000 | St Cu | 3 | A St | 9 | * |
| S. Farnborough ... | 1019·4 | -1 | - | 0 | mo- | 34 | 94 | 4 | 800 | St | 3 | A Cu | 9 | * |
| London (Kew Obsy.)... | 1020·0 | -1 | NNE | 2 | od | 46 | 92 | 6 | 2500 | Nb | 6 | A St | 10 | * |
| Croydon ... ... | 1020·3 | 0 | - | 0 | od | 44 | 94 | 5 | 2500 | St Cu | 6 | A St | 10 | * |
| Clacton-on-Sea ... | 1019·8 | -1 | E | 3 | c | 51 | 95 | 4 | 1500 | Nb | 4 | - | 4 | 1 |
| Shoeburyness ... ... | 1020·0 | -2 | E | 3 | ofr | 48 | 95 | 8 | 4000 | St Cu | 4 | - | 4 | * |
| Grain ... ... ... | 1019·4 | -1 | ENE | 4 | ofr | 51 | 95 | 8 | 800 | Nb | 10 | - | 10 | * |
| Lympne ... ... | 1019·0 | 0 | ENE | 3 | 0- | 44 | 85 | 4 | 1500 | St Cu | 8 | A St | 9 | * |
| Scilly (St. Mary's) ... | 1020·4 | -1 | ENE | 1 | b- | 48 | 85 | 8 | 4000 | St Cu | 2 | - | 2 | 1 |
| Falmouth (Pendennis) | 1019·9 | 0 | NNE | 2 | b | 43 | 92 | 4 | 4000 | Cu | 3 | - | 3 | 0 |
| Plymouth (Cattewater) | 1020·0 | 0 | N | 1 | 0- | 45 | 92 | 6 | 1500 | St Cu | 10 | - | 10 | 0 |
| Portland Bill ... ... | 1018·3 | -3 | NNE | 5 | c | 49 | 85 | 4 | 1500 | St Cu | 4 | - | 4 | 4 |
| Southampton (Calshot) | 1019·5 | -2 | N | 3 | bc+ | 44 | 94 | 4 | 4000 | St Cu | 4 | Ci | 5 | 0 |
| Dungeness ... ... | 1018·4 | -1 | NE | 4 | 0+ | 51 | 94 | 8 | - | - | 0 | A St | 10 | 4 |
| Jersey 7h } ... ... | 1014·8 | -1 | N | 3 | ofr | 50 | 85 | 8 | 1500 | St Cu | 10 | - | 10 | 3 |
| Guernsey 1h } | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR....October....9th.....

| Stations. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 8th-9th. °F. | Temperature. Max. Day. 9th. °F. | Rainfall.† Night 17h.-9h. 8th-9th. mm. | Rainfall.† Day 9h.-17h. 9th. mm. | Sunshine. Sunrise to 17h. 9th. hr. | Sunshine. Sunrise to Sunset. 8th. hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | 0 | 0 | 48 | 52 | - | - | 0·0 | 0·0 |
| Montrose ... ... | - | - | 42 | 52 | - | - | 0·1 | 0·0 |
| Llandudno ... ... | mo | mo | 45 | 54 | - | - | 0·0 | 8·4 |
| Colwyn Bay ... | bc | co | 49 | 53 | - | - | 0·0 | 7·8 |
| Rhyl... ... ... | 0 | 0 | 49 | 55 | - | - | 0·0 | 4·0 |
| Southport ... ... | oco | oco | 47 | 53 | - | - | 0·1 | 5·5 |
| Blackpool ... ... | ac | o | 49 | 55 | - | - | 0·4 | 6·3 |
| Harrogate ... ... | o | o | 46 | 53 | 1 | - | 0·6 | 0·0 |
| Skegness ... ... | bor | obo | 50 | 57 | 1 | 1 | 4·1 | 0·4 |
| Aberystwyth ... | o | oc | 45 | 55 | - | - | 0·0 | 8·5 |
| Bath ... ... | cbco | cbcb | 49 | 56 | - | - | 3·6 | 4·0 |
| Leamington Spa ... | cb | bc | 48 | 57 | 1 | - | 2·7 | 0·0 |
| Lowestoft ... ... | cbcb | bbcco | 50 | 58 | - | - | 6·9 | 0·7 |
| Felixstowe ... ... | bc | bc | 43 | 57 | - | - | 6·3 | 0·8 |
| Southend ... ... | bc | bc | 46 | 58 | - | - | 6·4 | 0·8 |
| Paignton ... ... | cbc | cbcb | 44 | 58 | - | - | 5·3 | 7·9 |
| Ilfracombe ... ... | oo | do | 51 | 54 | - | - | 0·0 | 7·0 |
| Bude ... ... | oemo | o | 53 | 55 | - | - | 0·1 | 9·0 |
| Penzance ... ... | oz | ocz | 46 | 55 | - | - | 0·0 | 10·0 |
| Falmouth Observatory | ozcz | bz | 42 | 57 | - | - | 1·0 | 9·6 |
| Torquay ... ... | b | b | 48 | 57 | - | - | 5·4 | 8·4 |
| Weymouth ... ... | cbc | bcb | 48 | 58 | - | - | 5·2 | 8·0 |
| Bournemouth ... | cbc | bc | 46 | 57 | - | - | 4·2 | 8·3 |
| Portsmouth (S'thsea) | bc | bco | 47 | 59 | - | - | 3·7 | 8·5 |
| Worthing ... ... | bbc | oc | 46 | 56 | - | - | 3·7 | 3·6 |
| Brighton ... ... | c | bcd | 45 | 58 | - | - | 3·6 | 2·1 |
| Eastbourne ... ... | bc | bcb | 44 | 57 | - | - | 3·7 | 0·0 |
| Hastings ... ... | bcc | cbcb | 44 | 58 | - | - | 6·5 | 0·0 |
| Folkestone ... ... | bc | bc | 48 | 56 | - | - | 6·2 | 0·0 |
| Tunbridge Wells ... | bbc | bc | 42 | 59 | - | - | 6·4 | 1·0 |
| Ramsgate ... ... | bbc | bcbbc | 50 | 56 | - | - | 7·3 | 0·4 |
| Margate ... ... | bbcc | cbcb | 52 | 55 | - | - | 6·5 | 0·1 |
| Deal ... ... ... | bccb | bbcc | 51 | 56 | - | - | 7·3 | 0·5 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22,238. WEDNESDAY 11th OCTOBER 1922. 

Observations at 1300 G.M.T. 10th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1022·8 | −1 | SSW | 4 | o | 50 | 85 | 7 | 4000 | Cu | 5 | ASt | 10 | • |
| Stornoway | 1018·7 | −1 | S | 3 | o | 53 | 85 | 6 | 800 | St | 10 | − | 10 | • |
| Wick | 1021·6 | −2 | S | 5 | o | 51 | 85 | 8 | 5700 | StCu | 5 | ACu | 10 | • |
| Castlebay | 1018·5 | −2 | SE | 5 | mmb | 54 | 75 | 6 | 2500 | Cu | 2 | − | 2 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1023·6 | −2 | SSE | 2 | o/r | 51 | 75 | 6 | 1500 | StCu | 9 | − | 9 | • |
| Malin Head | 1018·3 | −3 | SSE | 3 | mmc | 54 | 75 | 6 | 4000 | StCu | 7 | − | 7 | • |
| Renfrew | 1021·0 | −2 | ESE | 2 | mo− | 53 | 75 | 5 | 5700 | StCu | 10 | − | 10 | • |
| Edinburgh (Inchkeith) | 1022·1 | −2 | E | 2 | o | 53 | 75 | 8 | − | StCu | 10 | − | 10 | • |
| Leuchars | 1022·3 | −2 | ESE | 3 | c+ | 53 | 85 | 8 | 4000 | StCu | 4 | ACu | 7 | • |
| Eskdalemuir | 1022·0 | −2 | NE'E | 3 | o | 48 | 85 | 8 | 2500 | StCu | 10 | − | 10 | • |
| Tynemouth | 1022·6 | −2 | SE | 2 | c | 51 | 85 | 8 | 4000 | CuNb | 3 | ACu | 8 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1020·3 | −2 | SSE | 2 | o | 53 | 85 | 8 | 4000 | Cu | 6 | ACu | 9 | • |
| Birr Castle | 1019·3 | • | SE | 1 | c/f | 54 | 85 | 7 | 4000 | StCu | 8 | • | 8 | • |
| Collinstown | 1020·9 | −2 | Calm | 0 | o | 50 | 85 | 6 | 4000 | StCu | 8 | ASt | 10 | • |
| Holyhead | 1019·6 | −2 | ENE | 3 | o | 55 | 75 | 7 | 4000 | Cu | 2 | ASt | 10 | • |
| Liverpool (Bidston) | 1019·8 | −3 | ESE | 2 | c− | 53 | 65 | 5 | 1500 | CuNb | 5 | CiCu | 7 | • |
| Chester (Shotwick) | 1020·2 | −3 | E | 2 | o | 53 | 75 | 6 | 7200 | StCu | 10 | − | 10 | • |
| Spurn Head | 1021·3 | −0 | E | 4 | o | 50 | 65 | 7 | 4000 | Nb | 9 | − | 9 | • |
| Nottingham | 1020·3 | • | E | 1 | o/r | 49 | 85 | 7 | 2500 | StCu | 10 | − | 10 | • |
| Cranwell | 1021·0 | −1 | NE'E | 3 | o | 50 | 75 | 8 | 2500 | StCu | 10 | − | 10 | • |
| Gorleston | 1020·5 | −1 | E | 5 | o+ | 49 | 65 | 7 | 4000 | StCu | 10 | − | 10 | • |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | • |
| Roches Point | | | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | 1020·1 | −2 | ENE | 2 | o | 53 | 85 | 7 | 2500 | StCu | 10 | − | 10 | • |
| Ross-on-Wye | 1019·0 | −3 | ENE | 3 | o | 53 | 65 | 8 | 4000 | CuNb | 10 | − | 10 | • |
| Benson | 1018·7 | −2 | E | 3 | o | 51 | 65 | 7 | − | StCu | 10 | − | 10 | • |
| Andover | 1018·8 | −2 | E | 3 | o | 49 | 85 | 6 | 1500 | St | 8 | ASt | 10 | • |
| S. Farnborough | 1018·7 | −2 | ENE | 1 | o | 49 | 85 | 6 | − | − | 0 | ACu | 10 | • |
| London (Kew Obsy.) | 1018·6 | −2 | NE | 2 | o | 51 | 65 | 6 | 2500 | StCu | 10 | − | 10 | • |
| Croydon | 1018·9 | −3 | E'N | 3 | o/r | 50 | 75 | 6 | 2500 | StCu | 10 | − | 10 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1018·8 | −1 | E'S | 2 | o/r | 50 | 65 | 8 | 2500 | StCu | 7 | ASt | 10 | • |
| Grain | 1018·6 | −2 | ENE | 4 | o | 51 | 65 | 8 | 4000 | StCu | 10 | − | 10 | • |
| Lympne | 1018·4 | −2 | NE | 3 | opr₀ | 48 | 65 | 8 | 2500 | StCu | 10 | − | 10 | • |
| Scilly (St. Mary's) | 1018·9 | −1 | E | 1 | b+ | 61 | 65 | 7 | 4000 | Cu | 3 | − | 3 | • |
| Falmouth (Pendennis) | 1019·2 | −2 | Calm | 0 | o+ | 53 | 92 | 7 | 4000 | CuNb | 10 | − | 10 | • |
| Plymouth (Cattewater) | 1018·3 | −2 | E | 2 | o | 55 | 65 | 7 | 2500 | StCu | 8 | Ci | 10 | • |
| Portland Bill | 1017·7 | −1 | NE'E | 4 | c | 54 | 65 | 7 | 1500 | StCu | 7 | − | 7 | • |
| Southampton (Calshot) | 1018·5 | −2 | ENE | 4 | o | 52 | 75 | 7 | 4000 | StCu | 10 | − | 10 | • |
| Dungeness | 1018·1 | −1 | E | 4 | o | 52 | 55 | 8 | 4000 | Cu | 10 | − | 10 | • |
| Jersey 7h / Guernsey 1h | 1017·6 | 0 | NE | 2 | o | 54 | 75 | 8 | 1500 | StCu | 10 | − | 10 | • |

Observations at 1800 G.M.T. 10th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1021·6 | −1 | SSW | 4 | b− | 49 | 85 | 7 | 4000 | Cu | 1 | ACu | 2 | 3 |
| Stornoway | 1016·8 | −2 | S | 3 | o | 52 | 85 | 6 | 800 | St | 10 | − | 10 | 2 |
| Wick | 1019·7 | −1 | SSE | 5 | bc− | 50 | 75 | 8 | 5700 | StCu | 4 | − | 4 | 3 |
| Castlebay | 1016·7 | −2 | SSE | 4 | mmo | 53 | 85 | 6 | 600 | St | 10 | − | 10 | 5 |
| Nairn | 1018·8 | • | SW | 1 | c | 54 | 85 | 7 | 4000 | StCu | 7 | − | 7 | • |
| Aberdeen | 1022·3 | −1 | SSE | 4 | or₀ | 49 | 85 | 6 | 2500 | Nb | 10 | − | 10 | 0 |
| Malin Head | 1016·9 | −1 | SSE | 3 | bc | 49 | 85 | 7 | 5700 | StCu | 10 | − | 10 | 1 |
| Renfrew | 1019·9 | −0 | E | 1 | ifo | 50 | 85 | 3 | 2500 | St | 10 | − | 10 | • |
| Edinburgh (Inchkeith) | 1020·8 | 0 | E | 3 | d | 49 | 75 | 8 | − | StCu | 10 | − | 10 | 1 |
| Leuchars | 1020·1 | −1 | ESE | 2 | o+ | 48 | 85 | 8 | 2500 | StCu | 9 | − | 9 | * |
| Eskdalemuir | 1020·6 | −1 | Calm | 0 | o | 44 | 85 | 6 | 1500 | StCu | 10 | − | 10 | • |
| Tynemouth | 1020·9 | −2 | SE | 2 | b/r | 48 | 85 | 7 | 4000 | CuNb | 2 | ACu | 3 | 1 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1018·9 | −1 | Calm | 0 | mo | 51 | 92 | 6 | 2500 | StCu | 6 | ACu | 10 | 0 |
| Birr Castle | 1017·5 | • | SE | 1 | bc− | 49 | 85 | 6 | 4000 | St | 5 | − | 5 | • |
| Collinstown | 1019·0 | −1 | Calm | 0 | o | 50 | 85 | 4 | 2500 | St | 10 | − | 10 | • |
| Holyhead | 1017·9 | −3 | ENE | 2 | o | 52 | 85 | 6 | 4000 | StCu | 10 | − | 10 | 1 |
| Liverpool (Bidston) | 1018·7 | −0 | ESE | 3 | o | 50 | 75 | 5 | 2500 | StCu | 10 | − | 10 | 3 |
| Chester (Shotwick) | 1018·0 | −0 | E'S | 2 | o | 48 | 85 | 5 | 2500 | St | 10 | − | 10 | • |
| Spurn Head | 1020·0 | −1 | E | 3 | ojp | 48 | 75 | 7 | 2500 | Nb | 9 | − | 9 | 3 |
| Nottingham | 1019·3 | • | E | 1 | o− | 45 | 85 | 7 | 2500 | StCu | 6 | ACu | 9 | • |
| Cranwell | 1020·1 | 0 | ENE | 1 | mbc | 43 | 85 | 6 | 4000 | StCu | 3 | ACu | 4 | • |
| Gorleston | 1019·5 | −1 | ENE | 4 | o | 48 | 55 | 7 | 5700 | StCu | 10 | − | 10 | 4 |
| Valencia (Cahirciveen) | 1017·0 | −3 | SE | 2 | b | 52 | 55 | 7 | • | Cu | 1 | ACu | 2 | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1018·8 | −1 | ENE | 1 | o | 52 | 75 | 7 | 2500 | StCu | 10 | − | 10 | 2 |
| Ross-on-Wye | 1018·7 | −1 | Calm | 0 | p | 47 | 75 | 8 | 4000 | StCu | 10 | − | 10 | • |
| Benson | 1018·3 | −1 | Calm | 0 | b | 41 | 85 | 7 | − | − | 0 | − | 0 | • |
| Andover | 1018·1 | −1 | NE | 1 | c− | 46 | 92 | 6 | 5700 | StCu | 8 | − | 8 | • |
| S. Farnborough | 1018·4 | +0 | Calm | 0 | mb+ | 42 | 85 | 5 | − | − | 0 | − | 0 | • |
| London (Kew Obsy.) | 1018·2 | 0 | NE | 2 | o | 48 | 75 | 5 | 2500 | St | 10 | − | 10 | • |
| Croydon | 1018·7 | +1 | ENE | 2 | o | 45 | 85 | 5 | 4000 | StCu | 10 | − | 10 | • |
| Clacton-on-Sea | 1018·2 | −1 | NE | 3 | c | 48 | 75 | 7 | 2500 | Nb | 8 | − | 8 | 1 |
| Shoeburyness | 1018·2 | −1 | Calm | 0 | mo+ | 46 | 85 | 5 | 2500 | StCu | 10 | − | 10 | • |
| Grain | 1018·2 | −1 | NNW | 2 | o | 46 | 85 | 8 | 4000 | StCu | 10 | − | 10 | 0 |
| Lympne | 1017·9 | 0 | N | 3 | o | 45 | 92 | 7 | 2500 | StCu | 10 | − | 10 | • |
| Scilly (St. Mary's) | 1017·8 | −1 | Calm | 0 | bc+ | 51 | 85 | 8 | 4000 | Cu | 5 | − | 5 | 0 |
| Falmouth (Pendennis) | 1017·2 | −2 | Calm | 0 | o | 53 | 92 | 7 | 4000 | StCu | 10 | − | 10 | 0 |
| Plymouth (Cattewater) | 1017·7 | −1 | Calm | 0 | o | 53 | 85 | 7 | 2500 | CuNb | 10 | − | 10 | 0 |
| Portland Bill | 1017·3 | −1 | ENE | 4 | o+ | 52 | 65 | 7 | 1500 | StCu | 10 | − | 10 | 3 |
| Southampton (Calshot) | 1018·0 | −0 | N | 1 | o | 49 | 85 | 5 | 5700 | StCu | 10 | − | 10 | 0 |
| Dungeness | 1017·3 | −1 | E | 3 | o | 48 | 75 | 8 | 4000 | StCu | 10 | − | 10 | 3 |
| Jersey 7h / Guernsey 1h | 1015·7 | 0 | E | 2 | o | 53 | 85 | 8 | 1500 | StCu | 10 | − | 10 | 0 |

LONDON OBSERVATIONS.

24 Hours ended 0800 G.M.T. 11th (Weather, Temperature, Rainfall); Sunshine and Humidity 15h.: Yesterday; Humidity 9h.: To-day.

| London Observations | Weather Morning | Weather Afternoon | Weather Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew } 24 hours ended 0700 | id₀ f. oz | ozz.om | om.w | • | • | 34 | 0·2 | − | 0·4 | • | • |
| Croydon } 24 hours ended 0700 | omd fm | ozm | om.w | • | • | 37 | 1 | − | 0·5 | • | • |
| Greenwich (Royal Obsy.) | d | o | ocjpbm | 53 | 40 | 36 | − | − | 0·2 | 64 | 64 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 0·9 | • | • |
| Westminster (St. James' Pk.) | • | • | • | | | | | | 0·6 | | |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 0·9 | • | • |
| Camden Square | o | o | • | 55 | 39 | 37 | − | − | • | • | 75 |
| Kensington Palace | c | c.c | • | 53 | 40 | 36 | − | − | • | 93(184) | 77 |
| Hampstead Observatory | • | • | • | 51 | 40 | 32 | − | − | 1·2 | • | 73 |

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1600 G.M.T. 10th

| South Kensington Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1·3 / 2·0 | 1900 9th / 1000 10th | 0·3 | 0100 10th |

| Kew Observatory Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate .............. Milliwatts.

Maximum Rate .............. Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 10th 18 h. 15 m. to 11th 5 h. 15 m.

| Stars. | Exposure. h. m. | Record. h. m. | % |
|---|---|---|---|
| Polaris | 11 0 | 1 40 | 15 |
| δ Ursae Minoris | 11 0 | 0 51 | 8 |

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | c, c₂ | 7 | − | 130 |
| 18h. | c | 5 | − | 170 |
| 01h. | c | 6 | − | 105 |
| 07h. | c | 6 | − | 160 |

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

11th & 12th Oct., 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6·13 / 6·15 | 11·40 / 11·40 | 5·6 / 5·4 |
| Greenwich | 6·19 / 6·21 | 11·44 / 11·44 | 5·15 / 5·13 |
| Wick | 6·41 / 6·44 | 11·59 / 11·59 | 5·14 / 5·11 |
| Valencia | 7·0 / 7·2 | 12·28 / 12·28 | 5·55 / 5·53 |

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
w unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

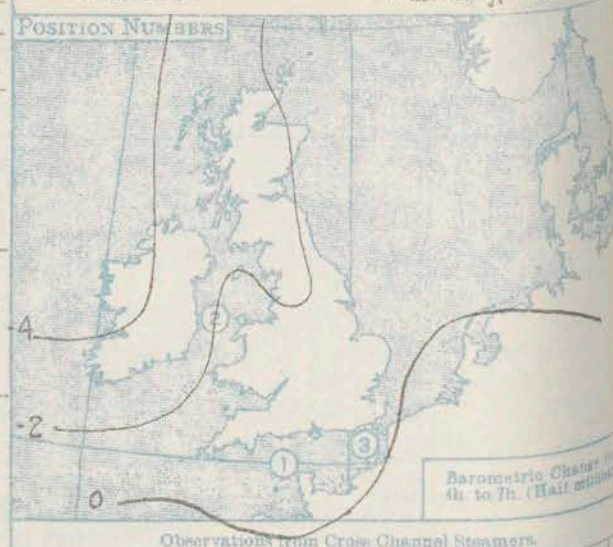
| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

## Summaries for the Past 24 Hours.

| Stations. | Weather. 7h.-13h. 10th | Weather. 13h.-18h. 10th | Weather. 18h. 10th to 1h. 11th | Weather. 1h.-7h. 11th | Temperature. Max. Day. 7h.-18h. | Temperature. Min. Night. 18h.-7h. | Temperature. Min. on Grass | Rainfall† Day. 7h.-18h. mm. | Rainfall† Night. 18h.-7h. mm. | Rainfall† Precipitation began. | Rainfall† Precipitation began. | Sun. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | oo | bc | bc | bc | 51 | 47 | * | – | – | – | – | * |
| Stornoway ... ... | oo | oo | c | bc | 53 | 48 | * | – | – | – | – | 1·6 |
| Wick ... ... ... | oo | c | b. bc | b. bc | 53 | 47 | * | – | – | – | – | * |
| Castlebay ... ... | cmbm | bom | om. bc | bc o f | 55 | 52 | * | – | – | – | – | 8·0 |
| Nairn ... ... ... | cm | obcc | bcx | bx | 56 | 36 | * | – | – | – | – | 3·3 |
| Aberdeen ... ... | obcpro | copro | opr. om | om | 55 | 46 | 41 | trace | 0·3 | 12.30 | <21·00 | 2·8 |
| Malin Head ... ... | cmc | com | bcmw | cfw | 55 | 43 | * | – | trace | – | * | 3·1 |
| Renfrew ... ... | owmfw | ozmfo | om mw | o.cmx | 53 | 34 | 29 | – | . | – | – | 0·0 |
| Edinburgh (Inchkeith) | oo | p | c | oo | 54 | 43 | 35 | trace | trace | – | – | 0·4 |
| Leuchars ... ... | c | co | o | oo | 54 | 40 | 25 | – | – | – | – | 1·2 |
| Eskdalemuir ... ... | oo | oodo | o. bc | bc. bx | 50 | 30 | 24 | 1 | – | 1430 | – | 0·0 |
| Tynemouth ... ... | c | bcpo | bcfo | om | 52 | 43 | 36 | 1 | trace | 13.30 | <21·00 | * |
| Blacksod Point ... | | | | | | | * | | | | | * |
| Donaghadee ... ... | c | om | bc | bc | 54 | 50 | * | – | – | – | – | * |
| Birr Castle ... ... | ffoco | c. bcz | bc | bcx | 55 | 36 | 29 | – | – | – | – | * |
| Collinstown ... ... | bom | oom | o.c.om | o.com | 53 | 41 | * | – | – | – | – | 1·2 |
| Holyhead ... ... | oom | oom | oom | oo | 55 | 46 | 43 | – | – | – | – | 0·0 |
| Liverpool (Bidston) ... | ocm | f-m | fm | cwxff | 54 | 40 | 34 | – | – | – | – | 0·6 |
| Chester (Shotwick) ... | omm | omz | b. bc | | 55 | 33 | 24 | – | – | – | – | * |
| Spurn Head ... ... | c | c | c | c | 52 | 44 | * | 1 | 0·3 | <0800 | <21·00 | 0·2 |
| Nottingham ... ... | cr | oo | b | f.m | 50 | 39 | 35 | 1 | – | 1100 | – | 0·5 |
| Cranwell ... ... | ro | oc | om | oo | 53 | 34 | 32 | 0·1 | – | 11.00 | – | 2·3 |
| Gorleston ... ... | cpro | oo | or. or. o | or. o | 51 | 42 | 39 | – | 0·3 | – | 22·00 | 0·5 |
| Valencia (Cahirciveen) | | b | bc | | | | | | | | | |
| Roches Point ... ... | | | | | | | * | | | | | * |
| Pembroke (St. Ann's H.) | oo | oo | ogjd | opd.o | 55 | 49 | * | – | 0·6 | – | 24·00 | 0·2 |
| Ross-on-Wye ... ... | ombcco | oo | o.c.o | om.bFFx | 53 | 32 | 28 | – | – | – | – | 0·8 |
| Benson ... ... ... | oc | b.bc | b.bc | bcfx | 53 | 31 | 25 | – | – | – | – | * |
| Andover ... ... | oo | oc | c.bc.b | b | 50 | 29 | 24 | – | – | – | – | 0·1 |
| S. Farnborough ... | r-d | ocbcmm | bc.om | o.c bfF | 52 | 34 | 30 | trace | trace | 0900 | – | 0·3 |
| London (Kew Obsy.) ... | bidafgoz | ogzom | om.om | omw | 54 | 42 | 34 | 0·2 | – | <0800 | – | 0·4 |
| Croydon ... ... | omdfm | ozmm | om | om. m | 52 | 40 | 34 | 1 | – | <0800 | – | 0·5 |
| Clacton-on-Sea ... | opdc | co | c | c | 53 | 41 | 41 | 0·1 | – | 12.30 | – | 0·9 |
| Shoeburyness ... ... | r-d | oom | om | cm | 53 | 40 | 39 | 0·1 | trace | 0900 | – | 0·8 |
| Grain ... ... ... | oo | oro o | oo | oo.c | 52 | 40 | 34 | trace | – | 1440 | – | 0·3 |
| Lympne ... ... | c | c | o.c.o | ow | 51 | 40 | 32 | trace | – | 12.30 | – | 3·5 |
| Scilly (St. Mary's) ... | bc | bc | bc | bc | 61 | 34 | * | – | – | – | – | 4·9 |
| Falmouth (Pendennis) | bbcco | oo* | | o | 55 | 48 | * | – | – | – | – | 0·4 |
| Plymouth (Cattewater) | co | oo | | oo | 56 | 46 | 41 | – | – | – | – | 2·3 |
| Portland Bill ... ... | c | co | oo | o.c | 56 | 45 | * | – | – | – | – | * |
| Southampton (Calshot) | oo | oo | om.c.bm | f.m | 53 | 36 | 32 | trace | – | 15.30 | – | 0·1 |
| Dungeness ... ... | c | oo | c | odd | 53 | 44 | * | – | 0·1 | – | 0·30 | * |
| Jersey 7h } Guernsey 1h } | oco | og | cd | o | 53 | 48 | * | – | – | – | – | 0·0 |

ISALLOBARS. Wednesday, 11th October.




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea | |
|---|---|---|---|---|---|---|---|---|
| 2 | 10th 1000 | Anglia | W | 4 | 0 | 53 | 55 | Y |
| 1 | 10th 1100 | Reindeer | ENE | 4 | 0 | 54 | 58 | Y |
| 3 | 11th 0300 | Dieppe | SE | 1 | 0 | 49 | 54 | G |

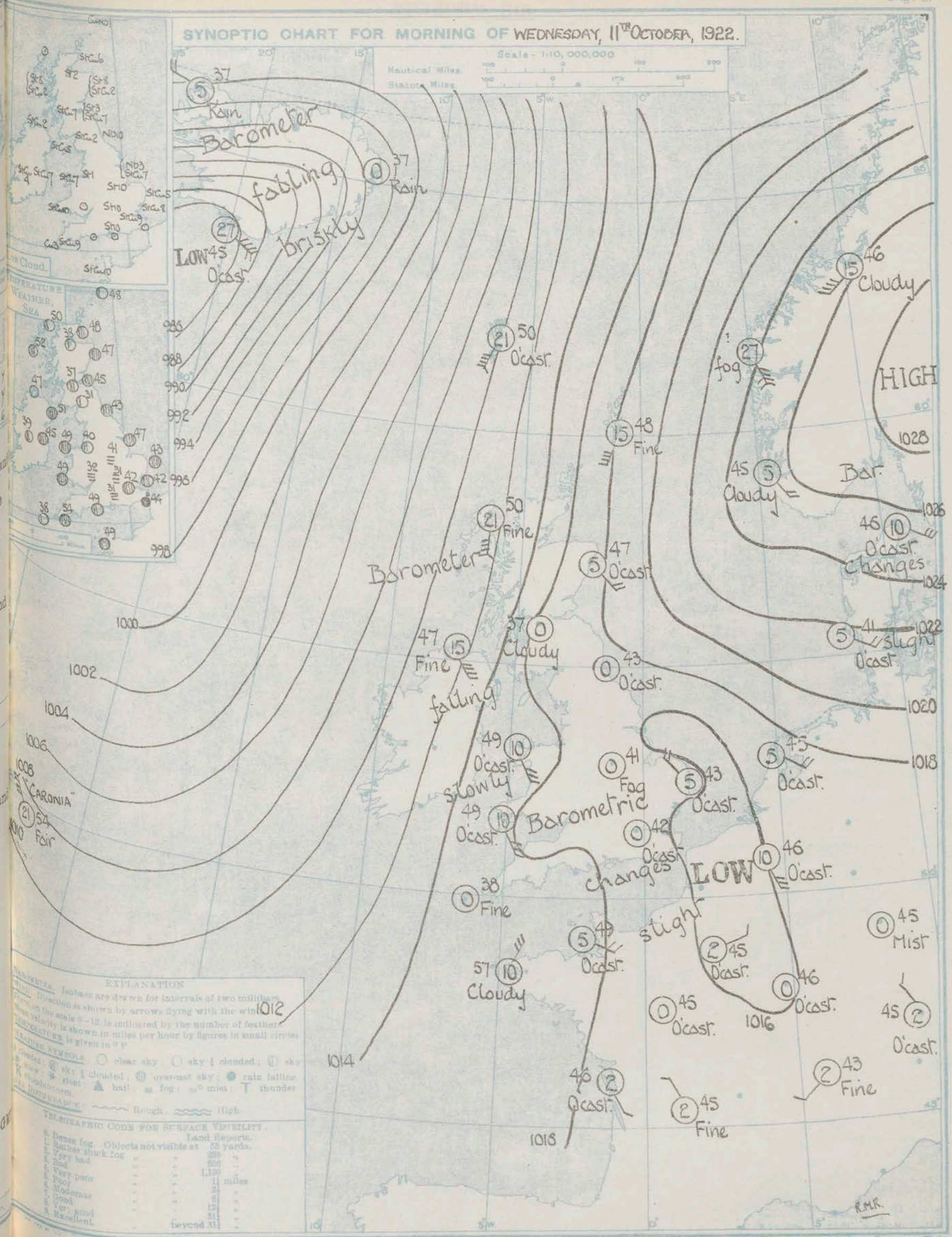
### General Inference.

The depression south of Iceland will cause freshening Southerly winds and dull weather with some rain before long in Scotland, Ireland and NW. England, but in Southeast England winds will be light and indefinite and the weather mainly fair for a time with mist or fog and local ground frost at night.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 11th. October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales | Wind light and indefinite; mainly fair; mist or fog at night, visibility moderate or good during the day; temperature about normal for the time of the year during the day, but risk of slight ground frost at night. | Mainly fair over SE. England |
| 7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England<br>11. E. Scotland | Southerly wind, moderate at first but freshening later; cloudy, some rain or drizzle before long; visibility moderate or good during the day, some mist at night; moderate temperature. | |
| 12. S.W. Scotland<br>13. Isle of Man | Freshening Southerly wind; dull, some rain or drizzle; visibility poor at times; rather mild. | |
| ▼14. N. & N.W. Scotland<br>▼15. Hebrides | Fresh to strong Southerly wind, probably reaching gale force on the coast; dull, some rain or drizzle; visibility poor at times; rather mild. | |
| 16. Orkneys and Shetlands | As 7 to 11. | |
| ▼17. N.W. Ireland | As 14 to 15. | ▼ South Cone hoisted 0845GMT 11.10.22. |
| 18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | As 7 to 11. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930. G. C. Simpson F.R.S., Director.

* For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. WEDNESDAY, 11th OCTOBER 1922. No. 284

### Observations at 0100 G.M.T. 11th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1020·1 | 0 | SSW | 4 | b | 49 | 94 | Y | 4000 | Cu | 1 | - | 1 | * |
| Stornoway ... ... | 1015·4 | -2 | SW | 4 | 0 | * | * | 5 | * | * | * | * | * | * |
| Wick ... ... ... | 1018·0 | -2 | S | 4 | b | 48 | Y5 | 8 | - | - | 0 | - | 0 | * |
| Castlebay ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head ... ... | 1014·1 | -3 | SSE | 4 | mmb | 44 | 92 | 6 | 5400 | St Cu | 3 | - | 3 | * |
| Renfrew ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1019·2 | -2 | SE | 2 | c | 46 | 75 | 2 | - | - | 0 | A Cu | Y | * |
| Leuchars ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth ... ... | 1019·4 | -2 | - | 0 | 0 | 49 | 92 | 5 | 4000 | St Cu | 10 | - | 10 | * |
| Blacksod Point ... | | | | | | | | | | | | | | * |
| Donaghadee ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Collinstown ... ... | 1016·9 | -2 | SE | 1 | 0 | 43 | 92 | 4 | 5400 | St Cu | 9 | - | 9 | * |
| Holyhead ... ... | 1016·2 | -3 | E'S | 1 | 0 | 50 | 85 | 8 | 4000 | St Cu | 10 | - | 10 | * |
| Liverpool (Bidston) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head ... ... | 1014·5 | -2 | E | 2 | c | 44 | 92 | Y | 4000 | Cu Nb | 8 | - | 8 | * |
| Nottingham ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell ... ... | 1020·1 | 0 | NNE | 2 | 0 | 42 | 92 | 6 | 2500 | St Cu | 10 | - | 10 | * |
| Gorleston ... ... | 1018·1 | -1 | ENE | 3 | or, Y | 46 | 92 | Y | 4000 | Nb | 10 | - | 10 | * |
| Valencia (Cahirciveen) | 1014·0 | -2 | SSE | 3 | bc | 51 | 85 | 6 | - | - | 0 | Ci Cu | 6 | * |
| Roches Point ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Ann's H.) | 1016·9 | -2 | E | 3 | od | 49 | 85 | Y | 1500 | St | 9 | - | 9 | * |
| Ross-on-Wye ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.) ... | * | * | * | * | - | 46 | * | * | * | * | * | * | * | * |
| Croydon ... ... | 1014·6 | -1 | - | 0 | 0 | 41 | 92 | 5 | 4000 | St Cu | 10 | - | 10 | * |
| Clacton-on-Sea ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Grain ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne ... ... | 1016·4 | -2 | N | 3 | 0 | 43 | 94 | Y | 2500 | St Cu | 10 | - | 10 | * |
| Scilly (St. Mary's) ... | 1016·5 | -1 | - | 0 | bc | 49 | 85 | 5 | 4000 | St Cu | 2 | A Cu | 4 | * |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Portland Bill ... ... | 1014·3 | 0 | ENE | 5 | 0 | 50 | Y5 | 6 | - | - | 0 | A St | 10 | * |
| Southampton (Calshot) | 1014·5 | -1 | NNW | 3 | mb | 42 | 92 | 6 | - | - | 0 | - | 0 | * |
| Dungeness ... ... | 1016·4 | -2 | N | 3 | c+ | 44 | 92 | Y | - | - | 0 | A St | 8 | * |
| Jersey 7h } ... ... | 1015·4 | 0 | E | 5 | 0 | 52 | Y3 | 6 | 5400 | St | 9 | - | 9 | * |
| Guernsey 1h } | | | | | | | | | | | | | | |

### Observations at 0700 G.M.T. 11th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1018·0 | -2 | SSW | 4 | b | 48 | 94 | Y | 5400 | Cu Nb | 1 | A Cu | 2 | 3 |
| Stornoway ... ... | 1011·4 | -3 | S | 5 | b- | 50 | Y5 | Y | - | - | 0 | A St | 2 | 4 |
| Wick ... ... ... | 1015·6 | -3 | S | 5 | c+ | 48 | Y5 | 8 | 5400 | St Cu | 6 | A Cu | 4 | 4 |
| Castlebay ... ... | 1011·2 | -3 | SE | 6 | mmo | 52 | 85 | 6 | 800 | St | 10 | - | 10 | 6 |
| Nairn ... ... ... | 1015·5 | * | - | 0 | b- | 38 | 85 | 8 | 1500 | St | 2 | - | 2 | * |
| Aberdeen ... ... | 1014·2 | -3 | SE | 2 | 0 | 44 | Y5 | 6 | 1500 | St | 10 | - | 10 | 0 |
| Malin Head ... ... | 1011·0 | -4 | SSE | 4 | mmb | 44 | 92 | 5 | 5400 | St Cu | 2 | Ci Cu | 3 | 1 |
| Renfrew ... ... | 1016·2 | -2 | - | 0 | c- | 34 | 92 | 4 | 5400 | St Cu | 4 | - | 4 | * |
| Edinburgh (Inchkeith) | 1016·5 | -2 | S | 1 | o+ | 43 | Y5 | 8 | * | St Cu | 10 | - | 10 | 2 |
| Leuchars ... ... | 1016·4 | -3 | NW | 1 | o- | 41 | 92 | 4 | 2500 | St Cu | 4 | A Cu | 10 | * |
| Eskdalemuir ... ... | 1014·4 | -2 | N | 2 | b+ | 31 | 94 | 4 | 5400 | St Cu | 2 | - | 2 | * |
| Tynemouth ... ... | 1016·4 | -2 | - | 0 | 0 | 43 | 92 | 5 | 4000 | Nb | 10 | - | 10 | 2 |
| Blacksod Point ... | | | | | | | | | | | | | | |
| Donaghadee ... ... | 1015·2 | -2 | SSE | 3 | o- | 51 | 85 | 8 | 4000 | St Cu | 5 | A Cu | 9 | 2 |
| Birr Castle ... ... | 1012·9 | * | SE | 1 | bc- | 39 | 94 | Y | 4000 | St Cu | 4 | - | 4 | * |
| Collinstown ... ... | 1014·3 | -3 | S | 2 | 0 | 43 | 94 | 5 | 2500 | St Cu | 4 | A St | 9 | * |
| Holyhead ... ... | 1014·6 | -1 | SE'S | 3 | 0 | 49 | Y5 | Y | 4000 | St Cu | 4 | A St | 10 | 1 |
| Liverpool (Bidston) ... | 1015·8 | -2 | ESE | 3 | bc- | 40 | 92 | 4 | 2500 | St | 1 | Ci Cu | 5 | 3 |
| Chester (Shotwick) ... | 1016·6 | -2 | SSE | 2 | FFc | 33 | 94 | 1 | - | - | 0 | A Cu | 4 | * |
| Spurn Head ... ... | 1016·0 | -1 | NNW | 3 | 0 | 44 | 85 | 8 | 4000 | St Cu | 10 | - | 10 | 3 |
| Nottingham ... ... | 1016·5 | * | - | 0 | fo+ | 41 | 94 | 2 | 800 | St | 10 | - | 10 | * |
| Cranwell ... ... | 1016·6 | -2 | WNW | 2 | mo | 40 | 94 | 4 | 2500 | St Cu | 10 | - | 10 | * |
| Gorleston ... ... | 1016·8 | -1 | NW | 2 | 0- | 43 | 92 | 6 | 4000 | St Cu | 5 | A St | 10 | 0 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | 1015·1 | -2 | SSE | 2 | 0 | 49 | 85 | Y | 4000 | St Cu | 3 | - | 10 | 3 |
| Pembroke (St. Ann's H.) | 1014·2 | -1 | - | 0 | Fb- | 32 | 94 | 1 | - | - | 0 | - | 0 | * |
| Ross-on-Wye ... ... | 1016·9 | 0 | - | 0 | Fb | 31 | 94 | 1 | * | - | 0 | - | 0 | * |
| Benson ... ... ... | 1014·2 | -1 | - | 0 | b | 30 | 94 | Y | - | - | 0 | - | 0 | * |
| Andover ... ... | 1016·4 | 0 | - | 0 | ffb | 34 | 94 | 2 | - | - | 0 | - | 0 | * |
| S. Farnborough ... | 1016·4 | 0 | - | 0 | o | 42 | Y5 | 6 | 4000 | St Cu | 9 | - | 9 | * |
| London (Kew Obsy.) ... | 1016·4 | -1 | - | 0 | o- | 40 | 92 | 6 | 4000 | St Cu | 9 | - | 9 | * |
| Croydon ... ... | 1015·9 | 0 | NNW | 2 | c | 42 | 92 | Y | 4000 | St Cu | 8 | - | 8 | 0 |
| Clacton-on-Sea ... | 1016·3 | -1 | NW | 1 | cm- | 41 | 85 | 6 | 4200 | Cu | 8 | - | 4 | * |
| Shoeburyness ... ... | 1016·3 | -1 | WNW | 2 | c- | 40 | 92 | Y | 5400 | St Cu | 4 | - | 10 | 0 |
| Grain ... ... ... | 1015·9 | +1 | NNW | 2 | 0 | 43 | 85 | Y | 2500 | St Cu | 8 | A St | | * |
| Lympne ... ... | | | | | | | | | | | | | | |
| Scilly (St. Mary's) ... | 1015·1 | 0 | - | 0 | b | 38 | 85 | 8 | 4000 | Cu | 3 | - | 3 | 0 |
| Falmouth (Pendennis) | 1015·4 | -1 | - | 0 | 0 | 54 | 85 | Y | 4000 | St Cu | 9 | - | 9 | 0 |
| Plymouth (Cattewater) | 1015·6 | 0 | E | 1 | 0 | 44 | 85 | 6 | 2500 | St Cu | 9 | - | 9 | 3 |
| Portland Bill ... ... | 1015·4 | -2 | ENE | 4 | bc- | 49 | Y5 | 6 | - | - | 0 | A Cu | 0 | 0 |
| Southampton (Calshot) | 1016·6 | -1 | NW | 2 | mb+ | 38 | 94 | 5 | - | - | 0 | - | 0 | 3 |
| Dungeness ... ... | 1014·9 | 0 | N | 2 | od | 44 | 92 | 8 | - | - | 0 | A St | 10 | 0 |
| Jersey 7h } ... ... | 1015·1 | 0 | ESE | 2 | 0 | 49 | 85 | 8 | 2500 | St Cu | 10 | - | 10 | * |
| Guernsey 1h } | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 10th Oct.

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 9h.-10h. °F. | Temperature. Max. Day. 10h. °F. | Rainfall.† Night 17h.-9h. 9h.-10h. mm. | Rainfall.† Day 9h.-17h. 10h. mm. | Sunshine. Sunrise to 17h. 10h. hr. | Sunshine. Sunrise to Sunset. 9h. hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | cbc | bbc | 45 | 55 | - | - | 3·3 | 0·0 |
| Montrose ... ... | * | * | 42 | 54 | - | - | 1·1 | 0·1 |
| Llandudno ... ... | mo | moc | 42 | 54 | - | - | 0·0 | 0·0 |
| Colwyn Bay ... | c | co | 54 | 54 | - | - | 0·0 | 0·0 |
| Rhyl ... ... ... | o | o | 41 | 55 | - | - | 0·0 | 0·0 |
| Southport ... ... | o | oco | 47 | 53 | - | - | 0·0 | 0·1 |
| Blackpool ... ... | po | po | 46 | 54 | 0·2 | - | 0·4 | 0·4 |
| Harrogate ... ... | o | or | 44 | 60 | 3 | 1 | 0·8 | 0·6 |
| Skegness ... ... | ocb | b | 48 | 53 | 1 | - | 4·4 | 4·1 |
| Aberystwyth ... | ooc | o | 41 | 54 | - | - | 0·0 | 0·0 |
| Bath ... ... | cbco | o | 46 | 53 | - | - | 0·6 | 3·6 |
| Leamington Spa ... | op | co | 43 | 54 | - | - | 1·8 | 2·7 |
| Lowestoft ... ... | * | * | 47 | 50 | 1 | - | 0·2 | 6·9 |
| Felixstowe ... ... | bc | amro | 46 | 52 | 1 | 1 | 1·0 | 6·3 |
| Southend ... ... | opc | ocom | 45 | 52 | 1 | - | 0·7 | 6·4 |

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 9h.-10h. °F. | Temperature. Max. Day. 10h. °F. | Rainfall.† Night 17h.-9h. 9h.-10h. mm. | Rainfall.† Day 9h.-17h. 10h. mm. | Sunshine. Sunrise to 17h. 10h. hr. | Sunshine. Sunrise to Sunset. 9h. hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton ... ... | bc | bcc | 47 | 57 | - | - | 7·3 | 5·3 |
| Ilfracombe ... ... | o | o | 45 | 53 | - | - | 0·0 | 0·0 |
| Bude ... ... | wbbco | cooo | 36 | 56 | - | - | 0·1 | 0·1 |
| Penzance ... ... | bbc | co | 41 | 58 | - | - | 3·9 | 0·0 |
| Falmouth Observatory | om | om | 41 | 55 | - | - | 0·5 | 1·0 |
| Torquay ... ... | bc | b | 47 | 57 | - | - | 7·1 | 5·1 |
| Weymouth ... ... | bc | bcc | 47 | 58 | - | - | 4·7 | 5·2 |
| Bournemouth ... | bb | bco | 43 | 54 | - | - | 3·4 | 4·2 |
| Portsmouth (S'thsea) | o | o | 44 | 51 | - | - | 0·0 | 3·7 |
| Worthing ... ... | c | cbc | 45 | 52 | - | - | 0·0 | 3·7 |
| Brighton ... ... | oo | oo | 47 | 55 | - | - | 0·0 | 3·6 |
| Eastbourne ... ... | roc | cocbc | 46 | 53 | 1 | 0·2 | 1·1 | 3·7 |
| Hastings ... ... | ocbcc | co | 46 | 53 | 3 | - | 2·0 | 6·5 |
| Folkestone ... ... | bc | bc | 46 | 53 | - | - | 3·1 | 6·2 |
| Tunbridge Wells ... | ocbc | co | 44 | 53 | 1 | - | 1·0 | 6·4 |
| Ramsgate ... ... | | | | | | | | |
| Margate ... ... | bco | o | 49 | 52 | - | - | 1·7 | 6·5 |
| Deal ... ... ... | bcbc | bcco | 49 | 53 | trace | - | 2·7 | 7·3 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 3. § See footnote page 1.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22239 THURSDAY, 12th OCTOBER 1922. 

Observations at 1300 G.M.T. 12th

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1013·6 | -3 | S | 5 | 0+ | 48 | 75 | 7 | 5700 | CuNb | 4 | ACu | 9 | • |
| Stornoway | 1007·8 | -3 | S | 5 | bc | 51 | 65 | 7 | - | - | 0 | ASt | 4 | • |
| Wick | 1011·8 | -5 | SSE | 5 | c | 49 | 75 | 8 | 4000 | CuNb | 6 | Ci | 8 | • |
| Castlebay | 1007·4 | -4 | SE | 6 | mmo | 52 | 85 | 6 | 800 | St | 10 | - | 10 | • |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1013·9 | -4 | SSE | 2 | o | 50 | 75 | 6 | 2500 | StCu | 9 | - | 9 | • |
| Malin Head | 1006·8 | -5 | S | 5 | mo- | 54 | 75 | 6 | 4000 | Cu | 2 | CiCu | 9 | • |
| Renfrew | 1012·4 | -5 | S | 3 | bc | 53 | 55 | 7 | 5700 | Cu | 1 | ACu | 4 | • |
| Edinburgh (Inchkeith) | 1013·4 | -3 | S | 2 | bc | 53 | 55 | 8 | - | Cu | 4 | - | 4 | • |
| Leuchars | 1013·3 | -5 | SE | 2 | bc- | 51 | 65 | 7 | 7200 | StCu | 5 | - | 5 | • |
| Eskdalemuir | 1013·5 | -4 | S | 3 | b | 50 | 55 | 7 | 4000 | Cu | 3 | - | 3 | • |
| Tynemouth | 1014·5 | -3 | S | 1 | b/r | 49 | 85 | 8 | 4000 | CuNb | 3 | - | 3 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1012·2 | -3 | S | 3 | c- | 52 | 85 | 8 | 2500 | Cu | 5 | ACu | 8 | • |
| Birr Castle | 1010·1 | • | SE | 1 | o+ | 52 | 85 | 7 | 4000 | Cu | 9 | - | 9 | • |
| Collinstown | 1012·1 | -3 | S | 2 | o+ | 54 | 75 | 6 | 2500 | St | 10 | - | 10 | • |
| Holyhead | 1013·2 | -3 | SSE | 3 | or₀ | 51 | 85 | 8 | 2500 | Nb | 7 | ASt | 10 | • |
| Liverpool (Bidston) | 1013·7 | -2 | SE'S | 2 | bc+ | 50 | 65 | 5 | 2500 | StCu | 2 | CiCu | 4 | • |
| Chester (Shotwick) | 1014·5 | -3 | SSE | 2 | c+ | 52 | 65 | 7 | - | - | 0 | ACu | 7 | • |
| Spurn Head | 1014·5 | -2 | WSW | 1 | c | 52 | 92 | 7 | 4000 | StCu | 6 | ACu | 7 | • |
| Nottingham | 1015·0 | • | S | 1 | c- | 50 | 75 | 6 | 1500 | St | 3 | ACu | 7 | • |
| Cranwell | 1015·8 | -2 | WSW | 3 | o | 48 | 85 | 6 | 2500 | StCu | 10 | - | 10 | • |
| Gorleston | 1015·9 | 0 | W | 1 | o- | 50 | 75 | 6 | 4000 | StCu | 10 | - | 10 | • |
| Valencia (Cahirciveen) | 1008·6 | -2 | ? | 3 | or₀ | 53 | 92 | 6 | - | St | 9 | - | 9 | • |
| Roches Point | | | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | 1014·3 | -1 | S | 4 | bcip | 55 | 75 | 7 | 2500 | CuNb | 6 | - | 6 | • |
| Ross-on-Wye | 1015·1 | -2 | SW | 2 | b/f | 52 | 65 | 8 | - | - | 0 | CiCu | 2 | • |
| Benson | 1015·6 | -2 | Calm | 0 | b/f | 52 | 75 | 8 | - | Cu | 1 | - | 1 | • |
| Andover | 1015·8 | -1 | Calm | 0 | b | 53 | 55 | 7 | 4000 | StCu | 1 | - | 1 | • |
| S. Farnborough | 1015·7 | -2 | Calm | 0 | b+ | 54 | 55 | 8 | 4000 | Cu | 2 | - | 2 | • |
| London (Kew Obsy.) | 1015·8 | -3 | W | 1 | b | 51 | 55 | 8 | 4000 | Cu | 1 | - | 1 | • |
| Croydon | 1016·0 | -1 | W | 2 | b | 54 | 55 | 7 | 4000 | Cu | 2 | - | 2 | • |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | 1015·7 | -1 | Calm | 0 | b/f | 53 | 55 | 7 | - | - | 0 | ACu | 1 | • |
| Grain | 1015·6 | -2 | Calm | 0 | b | 51 | 55 | 8 | 4000 | Cu | 1 | - | 1 | • |
| Lympne | 1015·5 | -2 | W | 1 | bc | 52 | 55 | 7 | 4000 | StCu | 6 | - | 6 | • |
| Scilly (St. Mary's) | 1015·1 | 0 | SW'S | 1 | bc | 56 | 75 | 8 | 4000 | StCu | 5 | - | 5 | • |
| Falmouth (Pendennis) | 1015·0 | -2 | S | 3 | bc+ | 56 | 85 | 8 | 2500 | Cu | 6 | - | 6 | • |
| Plymouth (Cattewater) | 1015·0 | -3 | S | 2 | bc- | 56 | 65 | 8 | 7200 | Cu | 5 | - | 5 | • |
| Portland Bill | 1015·7 | 0 | ENE | 4 | b- | 54 | 75 | 6 | - | - | 0 | ACu | 3 | • |
| Southampton (Calshot) | 1016·0 | -1 | Calm | 0 | b/f | 56 | 55 | 7 | - | - | 0 | - | 0 | • |
| Dungeness | 1016·0 | -1 | S | 2 | b | 55 | 55 | 8 | - | - | 0 | ACu | 3 | • |
| Jersey 7h / Guernsey 1h | 1015·2 | 0 | ESE | 2 | o | 55 | 75 | 8 | 2500 | StCu | 10 | - | 10 | • |

Observations at 1800 G.M.T. 11th

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1013·4 | -3 | S | 5 | c | 48 | 75 | 7 | 4000 | Cu | 8 | - | 8 | 4 |
| Stornoway | 1004·6 | -3 | S | 5 | o+ | 51 | 75 | 6 | 800 | St | 10 | - | 10 | 4 |
| Wick | 1008·3 | -4 | SSE | 6 | c | 49 | 75 | 8 | 5700 | StCu | 6 | ACu | 8 | 6 |
| Castlebay | 1003·3 | -4 | ESE | 7 | orr | 51 | 92 | 6 | 450 | Nb | 10 | - | 10 | 7 |
| Nairn | 1007·9 | • | SSW | 1 | c+ | 45 | 75 | 7 | 4000 | Cu | 4 | ACu | 7 | • |
| Aberdeen | 1012·2 | -2 | S | 3 | bc | 48 | 75 | 6 | 2500 | Cu | 1 | CiSt | 5 | 0 |
| Malin Head | 1004·2 | -4 | S | 6 | or | 50 | 92 | 5 | 1500 | St | 10 | - | 10 | 2 |
| Renfrew | 1010·5 | -2 | NE | 2 | o | 48 | 75 | 6 | 4000 | StCu | 9 | ASt | 10 | • |
| Edinburgh (Inchkeith) | 1012·0 | -1 | S | 2 | mo | 49 | 65 | 6 | - | StCu | 10 | - | 10 | 2 |
| Leuchars | 1011·9 | -1 | SE | 2 | c | 45 | 85 | 7 | 5700 | StCu | 1 | Ci | 7 | * |
| Eskdalemuir | 1012·9 | -1 | Calm | 0 | c | 41 | 85 | 7 | 5700 | StCu | 7 | ASt | 8 | • |
| Tynemouth | 1013·7 | -1 | SSW | 2 | bc- | 47 | 85 | 5 | 4000 | StCu | 4 | - | 4 | 2 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1010·3 | -1 | SSW | 2 | opr₀ | 52 | 85 | 7 | 4000 | StCu | 10 | - | 10 | 1 |
| Birr Castle | 1008·1 | • | SE | 1 | or₀+ | 51 | 92 | 6 | 450 | Nb | 10 | - | 10 | • |
| Collinstown | 1010·6 | -1 | S'W | 3 | or₀r₀ | 51 | 85 | 5 | 450 | Nb | 10 | - | 10 | • |
| Holyhead | 1011·9 | -1 | S'W | 4 | o+ | 53 | 85 | 7 | 2500 | StCu | 6 | ACu | 9 | 2 |
| Liverpool (Bidston) | 1013·3 | -0 | SE'E | 3 | c+ | 48 | 75 | 5 | 2500 | StCu | 4 | CiCu | 7 | 3 |
| Chester (Shotwick) | 1013·8 | +0 | SE | 2 | c | 45 | 85 | 5 | - | - | 0 | ACu | 8 | • |
| Spurn Head | 1014·8 | 0 | SSE | 2 | o | 48 | 85 | 6 | 1500 | StCu | 9 | - | 9 | 2 |
| Nottingham | 1015·2 | • | SW | 1 | b- | 42 | 85 | 5 | - | - | 0 | - | 0 | • |
| Cranwell | 1015·9 | +1 | SE | 1 | om | 41 | 92 | 6 | 4000 | St | 10 | - | 10 | • |
| Gorleston | 1016·1 | +0 | W | 1 | b | 46 | 75 | 6 | - | - | 0 | ASt | 2 | 0 |
| Valencia (Cahirciveen) | 1007·1 | -4 | ESE | 5 | or | 55 | 97 | 6 | - | St | 9 | - | 9 | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1013·7 | -1 | S'W | 4 | o | 53 | 75 | 7 | 2500 | St | 10 | - | 10 | 4 |
| Ross-on-Wye | 1015·2 | +0 | SW'S | 1 | o+ | 46 | 75 | 6 | 4000 | StCu | 9 | - | 9 | • |
| Benson | 1016·0 | +1 | Calm | 0 | b | 40 | 85 | 8 | - | St | 1 | - | 1 | • |
| Andover | 1016·1 | 0 | Calm | 0 | o+ | 46 | 85 | 6 | - | - | 0 | ACu | 10 | • |
| S. Farnborough | 1016·4 | +1 | Calm | 0 | fb+ | 42 | 85 | 3 | - | - | 0 | CiSt | 3 | • |
| London (Kew Obsy.) | 1016·4 | +2 | Calm | 0 | mb | 44 | 85 | 4 | - | - | 0 | - | 0 | • |
| Croydon | 1016·6 | +1 | S'W | 2 | b+ | 43 | 85 | 5 | - | - | 0 | CiSt | 3 | • |
| Clacton-on-Sea | 1016·0 | +2 | WNW | 1 | bc | 46 | 75 | 6 | 5700 | StCu | 5 | - | 5 | 0 |
| Shoeburyness | 1016·4 | 0 | Calm | 0 | b- | 40 | 85 | 7 | - | - | 0 | - | 0 | • |
| Grain | 1016·4 | +1 | Calm | 0 | b | 44 | 75 | 7 | - | - | 0 | - | 0 | 0 |
| Lympne | 1016·3 | +1 | SW | 1 | b- | 45 | 85 | 7 | 5700 | StCu | 1 | - | 1 | • |
| Scilly (St. Mary's) | 1013·7 | -2 | SSW | 2 | c | 54 | 85 | 8 | 4000 | StCu | 5 | ACu | 8 | 3 |
| Falmouth (Pendennis) | 1014·7 | +1 | SW | 4 | bc | 53 | 92 | 7 | 4000 | Cu | 4 | CiSt | 6 | 0 |
| Plymouth (Cattewater) | 1015·2 | 0 | S'W | 2 | b- | 53 | 75 | 8 | 2500 | Cu | 3 | - | 3 | 0 |
| Portland Bill | 1015·7 | 0 | ENE | 3 | b | 50 | 75 | 6 | - | - | 0 | CiCu | 3 | 2 |
| Southampton (Calshot) | 1016·3 | +1 | SE'S | 2 | bc/f | 52 | 75 | 7 | 5700 | StCu | 2 | ASt | 4 | 0 |
| Dungeness | 1016·2 | +1 | W | 1 | b | 50 | 65 | 8 | - | - | 0 | - | 0 | 2 |
| Jersey 7h / Guernsey 1h | 1015·0 | 0 | ESE | 2 | o | 54 | 75 | 8 | 4000 | StCu | 10 | - | 10 | 0 |

| London Observations | Weather. Morning. | Weather. Afternoon. | Weather. Night. | Temperature. Max. °F. | Temperature. Min. °F. | Temperature. Min. on Grass °F. | Rainfall. mm. Day. | Rainfall. mm. Night. | Sunshine to Sunset. hrs. | Humidity. 15h. G.M.T. % | Humidity. 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 HOURS ENDED 0900 G.M.T. 12th | | | | | | | | YESTERDAY. | | TO-DAY. |
| Kew | bmby | bybwm | bmfx | * | * | 26 | - | - | 8·1 | * | * |
| Croydon (24 hours ended 0700) | bocmzy | byzm | bmbcm | * | * | 33 | - | - | 8·9 | * | * |
| Greenwich (Royal Obsy.) | boz | bzm | bmx | 55 | 35 | 26 | - | - | 6·2 | 53 | 82 |
| City (Bunhill Row) | * | * | * | * | * | * | * | * | 5·9 | * | * |
| Westminster (St. James' Pk.) | * | * | * | 55 | 37 | * | - | - | 7·3 | 51 | 87 |
| Regent's Pk. (Botanic Gdns.) | * | * | * | * | * | * | * | * | 7·4 | * | * |
| Camden Square | b | b | * | 55 | 35 | 33 | - | - | * | | 98 |
| Kensington Palace | b | b | * | 54 | 36 | 29 | - | - | * | 76(15h) | 98 |
| Hampstead Observatory | * | * | * | 53 | 40 | 27 | - | - | 8·3 | * | 74 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 11th

South Kensington

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1·3 | 10h 19m | 0·3 | 11h 1-4h |
| 2·0 | 11h 8m | | |

Kew Observatory

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1·0 | 10h 19m | <0·3 | 11h 12-15h |
| 0·6 | 11h 8m | | |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 11h 18m to 12h 5m

| Stars. | Exposure. h. m. | Record. h. m. | Record. % |
|---|---|---|---|
| Polaris | 11 0 | 11.00 | 100 |
| δ Ursæ Minoris | 11 0 | 11.00 | 100 |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per sec. | Stren. | Direc. |
|---|---|---|---|---|
| 15h. | C | 7 | - | 120 |
| 18h. | C | 6 | - | 140 |
| 01h. | C | 5 | - | 150 |
| 07h. | C | 5 | - | 140 |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.**

12th & 13th OCTOBER, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6·15 / 6·14 | 11·40 / 11·39 | 5·4 / 5·1 |
| Greenwich | 6·21 / 6·22 | 11·44 / 11·46 | 5·13 / 5·10 |
| Wick | 6·44 / 6·46 | 11·59 / 11·58 | 5·11 / 5·10 |
| Valencia | 7·2 / 7·4 | 12·28 / 12·24 | 5·53 / 5·50 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. EQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight, and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

**Sea Disturbance.**

0=no swell } Calm or slight sea.
1=mod. swell } Calm or slight sea.
2=heavy swell } Calm or slight sea.
3=no swell } Moderate sea.
4=mod. swell } Moderate sea.
5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

[1] For explanation see Introduction.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ For code see page 3.

M.O. Form 2370.

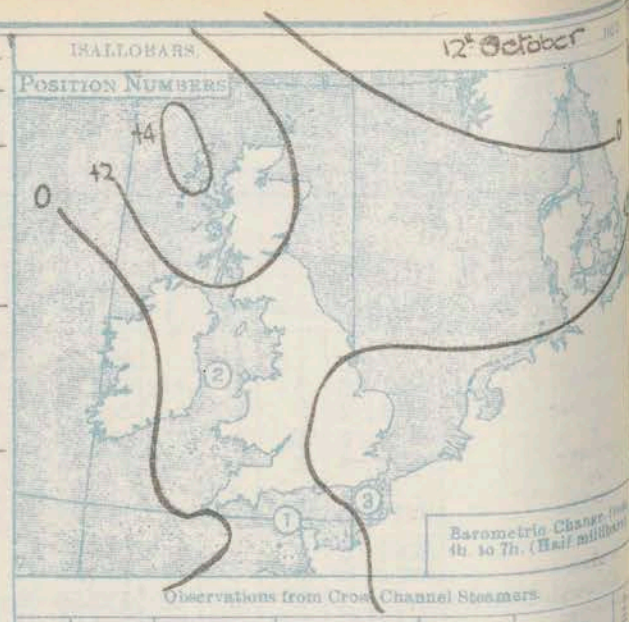


## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.–13h. 11th | 13h.–18h. 11th | 18h. 11th to 1h. 12th | 1h.–7h. 12th | TEMPERATURE. MAX. Day. 7h.–18h. | MIN. Night. 18h.–7h. | MIN. on GRASS | RAINFALL.† Day. 7h.–18h. mm. | Night. 18h.–7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | c | cq | oq | omqr | 49 | 44 | • | 0·1 | 0.3 | 10800 | <2100 | • |
| Stornoway ... ... | F | c | r d | pcbc | 52 | 43 | • | – | 4 | – | – | 7.1 |
| Wick ... ... ... | oo | oq | or₀r₀ | or₀r₀ | 49 | 43 | • | – | 1 | – | 2400 | • |
| Castlebay ... ... | df | ofrr | rrobe | bc | 54 | 46 | • | 1 | 4 | 16.30 | – | 0.3 |
| Nairn ... ... ... | bccm | bbc | bcqc | cprq | 52 | 44 | • | – | 1 | – | 0330 | 8.8 |
| Aberdeen ... ... | orn | obcm | bcbm | cor₀m | 51 | 47 | 38 | – | 0.2 | – | 2400 | 1.3 |
| Malin Head ... ... | fcom | omRr | ddiR | o | 55 | 47 | • | 2 | 4 | 1530 | <2100 | 4.6 |
| Renfrew ... ... | cbmboy | bcyoo | omr₀r₀ | oo | 54 | 46 | 42 | – | 3 | – | <2100 | 4.6 |
| Edinburgh (Inchkeith) | c | oo | p | p | 55 | 46 | 37 | – | 0.6 | – | 0530 | 6.0 |
| Leuchars ... ... | ode | b-bc | oor | omor₀ | 53 | 43 | 34 | – | 0.3 | – | – | 3.9 |
| Eskdalemuir ... ... | bbcby | bybcc | cbcm | cm | 50 | 41 | 37 | – | 13 | – | 2200 | 7.8 |
| Tynemouth ... ... | r₀am | cm | | | 51 | 41 | 37 | 0·2 | – | <0800 | – | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | cp | cq | rr | rr | 55 | 50 | • | trace | 8 | 11.00 | <2100 | • |
| Birr Castle ... ... | bcco | or₀r₀ | orr | orr | 54 | 50 | 48 | 1 | 3 | 14.30 | <2100 | • |
| Collinstown ... ... | bccm | oor₀m | oir₀m | orrm | 56 | 50 | * | 0·2 | 4 | 17.30 | <2100 | 3.0 |
| Holyhead ... ... | oir₀ | obdco | oir₀q | omm | 53 | 50 | 47 | 1 | 1 | 09.00 | <2100 | 0.1 |
| Liverpool (Fidston) ... | b-bc | c | bcm | | 52 | 40 | 35 | – | – | – | – | 3.7 |
| Chester (Shotwick) ... | cfbmc | ccm | cbcm | bccom | 53 | 41 | 37 | – | – | – | – | • |
| Spurn Head ... ... | b-bc | c | bbc | bbc | 54 | 42 | • | – | – | – | – | 1.7 |
| Nottingham ... ... | om | c | b | bbcm | 53 | 37 | 32 | – | – | – | – | 1.6 |
| Cranwell ... ... | ombco | bcm | bbcm | bmm | 48 | 33 | 26 | – | – | – | – | 0.9 |
| Gorleston ... ... | oc | cbcb | b | bxbc | 53 | 38 | 29 | – | – | – | – | 2.7 |
| Valencia (Cahirciveen) | cor | or | op | | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | cp | obcb | oo | ooqb | 55 | 52 | • | 2 | 0.3 | <0800 | 0230 | 3.4 |
| Ross-on-Wye ... ... | ifbzb | bbcc | omcomcb | bmbcm | 53 | 37 | 31 | – | – | – | – | 8.0 |
| Benson ... ... ... | fb | b | bbc | bcx | 55 | 34 | 27 | – | – | – | – | • |
| Andover ... ... | by | bbccom | ocbcbm | bm | 56 | 33 | 27 | – | – | – | – | 8.0 |
| S. Farnborough ... | bfbmby | ybbmf | bf | bff | 56 | 34 | 29 | – | – | – | – | 8.3 |
| London (Kew Obsy.) ... | bmby | bybwm | bmw | bfmfx | 52 | 34 | 26 | – | – | – | – | 8.1 |
| Croydon ... ... | obcmzy | byzm | bm | bbccmm | 54 | 38 | 33 | – | – | – | – | 8.9 |
| Clacton-on-Sea ... | bc | cbc | bcbcx | bxbc | 55 | 42 | 31 | – | – | – | – | 5.6 |
| Shoeburyness ... ... | cmbcby | b | bcm | bf | 55 | 33 | 25 | – | trace | – | – | 6.0 |
| Grain ... ... ... | ocbcb | bczb | bmbmx | bcxm | 53 | 36 | 27 | – | 0.1 | – | – | 5.4 |
| Lympne ... ... | ocbc | b-bc | bw | bmbccm | 53 | 39 | 25 | – | trace | – | – | 5.3 |
| Scilly (St. Mary's) ... | bc | bcc | c | a | 57 | 53 | • | – | – | – | – | 4.9 |
| Falmouth (Pendennis) | obbc | bc | bcc | | 57 | 52 | • | – | – | – | – | 4.5 |
| Plymouth (Cattewater) | c | bbc | bw | bo | 57 | 53 | 44 | – | – | – | – | 5.1 |
| Portland Bill ... ... | cbc | b-bc | c | bbc | 56 | 51 | • | – | – | – | – | • |
| Southampton (Calshot) | bmbby | bbbc | bcmcm | f-m | 57 | 44 | 39 | – | – | – | – | 8.8 |
| Dungeness ... ... | c | b-bc | bbc | bbc | 55 | 52 | • | – | – | – | – | • |
| Jersey Th. ... | 0 | obc0 | o | obw | 58 | 46 | • | – | – | – | – | 24 |
| Guernsey Ih. | | | | | | | | | | | | |

ISALLOBARS. 12th October

POSITION NUMBERS




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 2 | 11th 1000 | Anglia | S | 4 | – | – | 52 |
| 3 | 12 0300 | Arundel | SW | 2 | bc | 54 | 58 |

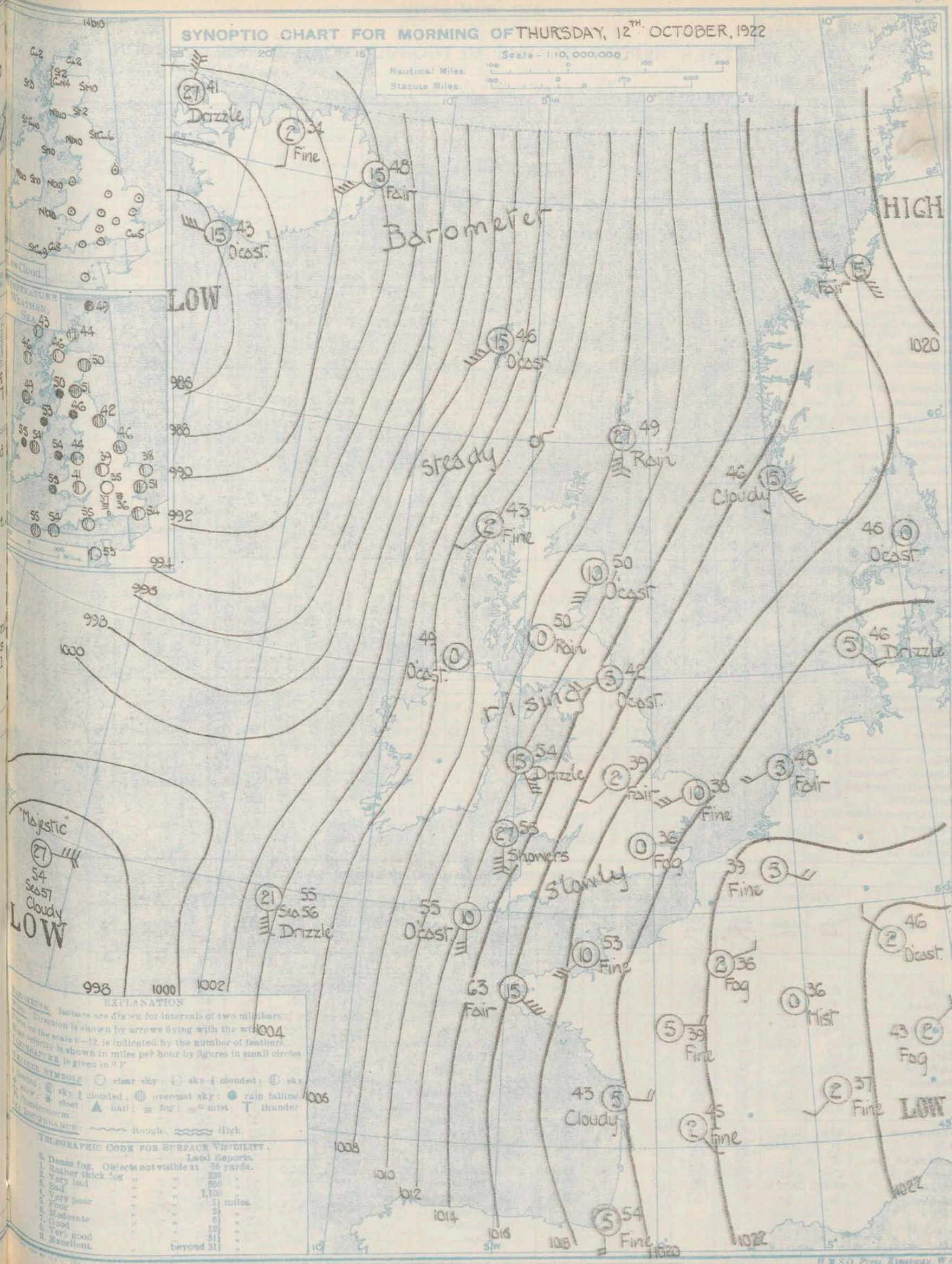
GENERAL INFERENCE.

The deep depression near Iceland is filling up and another is developing over the Atlantic further South, while pressure is high generally over the Continent. This will probably result in Southerly to Southeasterly winds over the British Isles with a continuance of fine weather over most of England, and an improvement in Scotland and North Ireland but in the Southwestern districts of the British Isles weather will be mainly cloudy with occasional rain or drizzle.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 12th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands | Wind South to Southeast, light or moderate; fair or fine; morning mist or fog; ground frost in most places at night. | With-held. |
| 5. S.W. England<br>6. South Wales | Wind Southeasterly fresh or strong at times; mainly cloudy, occasional rain or drizzle; visibility moderate or good; moderate temperature. | |
| 7. North Wales<br>8. N.W. England<br>9. N. Midlands | Wind S. to S.E., light or moderate; cloudy with local rain or drizzle, improving; some morning mist; moderate day temperature, ground frost locally at night. | |
| 10. N.E. England | As Nos. 1 - 4. | |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N.&N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland | Wind Southerly, light or moderate; cloudy, with local rain or showers at first, improving; morning mist locally; day temperature moderate, risk of ground frost at night. | |
| 18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | As Nos. 5 & 6. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.50 GMT. G. C. SIMPSON, F.R.S., Director.

* For Code see opposite page.




## EXPLANATION

**ISOBARS.** Isobars are drawn for intervals of two millibars.

**WIND.** Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Wind velocity is shown in miles per hour by figures in small circles.

**TEMPERATURE** is given in °F.

**WEATHER SYMBOLS.** ○ clear sky; ◐ sky ¼ clouded; ◑ sky ½ clouded; ◒ sky ¾ clouded; ● overcast sky; ● rain falling; ✱ snow; ✱ sleet; ▲ hail; ≡ fog; ≈ mist; T thunderstorm; ⚡ thunderstorm.

**SEA DISTURBANCE:** ~~~ Rough. ≈≈≈ High.

### TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

| | Land Reports. | |
|---|---|---|
| 0. Dense fog. Objects not visible at | 55 | yards. |
| 1. Rather thick fog " " | 220 | " |
| 2. Very bad " " | 550 | " |
| 3. Bad " " | 1,100 | " |
| 4. Very poor " " | 1¼ | miles. |
| 5. Poor " " | 2 | " |
| 6. Moderate " " | 6 | " |
| 7. Good " " | 12 | " |
| 8. Very good " " | 31 | " |
| 9. Excellent. " | beyond 31 | " |

H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. THURSDAY, 12th OCTOBER 1922. No. 285

### Observations at 0100 G.M.T. 12th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1010.4 | -2 | S | 6 | c | 49 | 85 | 7 | 4000 | CuNb | 8 | - | 8 | • |
| Stornoway ... ... | 1004.7 | -1 | SW | 1 | 0- | • | • | 5 | • | • | • | • | • | • |
| Wick ... ... ... | 1006.0 | -2 | S | 7 | 0r.r. | 48 | 75 | 8 | 1500 | Sr | 10 | - | 10 | |
| Castlebay ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head ... ... | 1006.2 | +1 | S | 1 | 0/r | 47 | 97 | 6 | 1500 | Sr. | 10 | - | 10 | • |
| Renfrew ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1010.3 | 0 | SSW | 2 | 0/r | 47 | 85 | 7 | - | SrCu | 10 | - | 10 | • |
| Leuchars ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth ... ... | 1013.2 | -1 | SW | 1 | b (1) | 43 | 92 | 5 | 4000 | SrCu | 3 | - | 3 | • |
| Blacksod Point ... | | | | | | | | | | | | | | • |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | 1010.4 | 0 | SSW | 3 | 0/r | 52 | 85 | 7 | 2500 | Sr | 10 | - | 10 | • |
| Holyhead ... ... | 1011.4 | 0 | SSE | 4 | 0r+ | 53 | 92 | 8 | 800 | Nb | 10 | - | 10 | • |
| Liverpool (Bidston) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head ... ... | 1015.7 | +1 | SSW | 3 | b | 44 | 85 | 7 | - | - | 0 | - | 0 | • |
| Nottingham ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell ... ... | 1016.8 | +1 | SSW | 1 | b+ | 33 | 97 | 6 | 2500 | Sr | 2 | - | 2 | • |
| Gorleston ... ... | 1017.6 | +1 | WSW | 2 | b | 38 | 92 | 7 | - | - | 0 | - | 0 | • |
| Valencia (Cahirciveen) | 1004.8 | -4 | SE | 5 | 0r | 56 | 97 | 6 | - | Sr | 10 | - | 10 | • |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1013.2 | 0 | S | 5 | 0 | 55 | 75 | 8 | 4000 | SrCu | 10 | - | 10 | • |
| Ross-on-Wye ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.) ... | • | • | • | • | • | 37 | • | • | • | • | • | • | • | • |
| Croydon ... ... | 1017.7 | +1 | S | 3 | b+ | 39 | 92 | 6 | - | - | 0 | A.Cu | 1 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne ... ... | 1018.7 | +2 | - | 0 | b | 39 | 97 | 8 | - | - | 0 | - | 0 | • |
| Scilly (St. Mary's) ... | 1013.0 | 0 | S | 3 | c | 55 | 85 | 8 | 4000 | SrCu | 8 | - | 8 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1014.7 | 0 | SSE | 3 | b | 48 | 85 | 7 | - | - | 0 | CiCu | 2 | • |
| Southampton (Calshot) | 1017.2 | 0 | ESE | 1 | mm0 | 49 | 92 | 6 | 4000 | SrCu | 8 | - | 8 | • |
| Dungeness ... ... | 1018.0 | +2 | N | 2 | b | 46 | 97 | 6 | - | - | 0 | - | 0 | • |
| Jersey 7h } ... ... | 1018.5 | +1 | SSW | 3 | b- | 51 | 85 | 8 | 5700 | CuNb | 2 | - | 2 | • |
| Guernsey 1h } | | | | | | | | | | | | | | |

### Observations at 0700 G.M.T. 12th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1009.7 | 0 | S | 6 | 0r. | 49 | 85 | 6 | 4000 | Nb | 10 | - | 10 | 5 |
| Stornoway ... ... | 1007.5 | +5 | SW | 1 | b- | 43 | 92 | 6 | 4000 | Cu | 2 | - | 2 | 0 |
| Wick ... ... ... | 1008.3 | +3 | WSW | 2 | c/r | 44 | 92 | 8 | 4000 | Cu | 2 | Ci | 7 | 4 |
| Castlebay ... ... | 1008.8 | +3 | - | 0 | bc | 46 | 85 | 7 | 2500 | Sr | 3 | A.Sr | 6 | 1 |
| Nairn ... ... ... | 1009.1 | • | - | 0 | bc/r | 46 | 92 | 8 | 1500 | CuNb | 6 | - | 6 | • |
| Aberdeen ... ... | 1011.0 | +2 | SSW | 3 | 0 | 50 | 85 | 6 | 1500 | Sr | 10 | - | 10 | 0 |
| Malin Head ... ... | 1007.7 | +2 | - | 0 | 0 | 49 | 85 | 7 | 5700 | SrCu | 10 | - | 10 | 4 |
| Renfrew ... ... | 1010.2 | +2 | - | 0 | 0r.r. | 50 | 97 | 5 | 1500 | Nb | 10 | - | 10 | • |
| Edinburgh (Inchkeith) | 1010.8 | +1 | SSW | 2 | 0/r | 51 | 85 | 7 | - | Sr | 2 | A.Sr | 10 | 1 |
| Leuchars ... ... | 1010.9 | +2 | - | 0 | 0 | 49 | 92 | 6 | 4000 | Sr | 8 | A.Sr | 10 | • |
| Eskdalemuir ... ... | 1012.8 | +1 | SSW | 3 | 0r.r. | 46 | 97 | 6 | 1500 | Nb | 10 | - | 10 | • |
| Tynemouth ... ... | 1014.1 | +1 | WSW | 2 | 0 | 42 | 92 | 4 | 4000 | SrCu | 6 | A.Sr | 10 | 0 |
| Blacksod Point ... | | | | | | | | | | | | | | |
| Donaghadee ... ... | 1009.6 | 0 | WSW | 2 | 0rr | 53 | 97 | 7 | 2500 | Sr | 10 | - | 10 | • |
| Birr Castle ... ... | 1006.7 | • | SSE | 2 | 0rr | 54 | 97 | 6 | 450 | Nb | 10 | - | 10 | • |
| Collinstown ... ... | 1010.1 | 0 | SSE | 2 | 0/r | 54 | 92 | 6 | 800 | Sr | 10 | - | 10 | 2 |
| Holyhead ... ... | 1012.0 | +1 | SSE | 4 | 0d. | 54 | 92 | 6 | 1500 | Nb | 10 | - | 10 | 3 |
| Liverpool (Bidston) ... | 1014.2 | 0 | SE'S | 3 | bc | 44 | 85 | 5 | - | - | 0 | CiCu | 4 | • |
| Chester (Shotwick) ... | 1014.9 | +2 | SE | 2 | 0+ | 42 | 97 | 5 | 7200 | SrCu | 3 | CiSr | 9 | • |
| Spurn Head ... ... | 1017.6 | +2 | SSW | 4 | bc | 46 | 92 | 6 | - | - | 0 | CiSr | 5 | 3 |
| Nottingham ... ... | 1017.4 | • | SW | 1 | bc | 39 | 97 | 5 | - | - | 0 | Ci | 5 | • |
| Cranwell ... ... | 1018.4 | +2 | S'E. | 2 | c | 36 | 97 | 6 | 4000 | Sr | 2 | CiSr | 7 | • |
| Gorleston ... ... | 1019.8 | +1 | WSW | 3 | b | 38 | 92 | 6 | - | - | 0 | CiSr | 3 | 0 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | | | | | | | | | | | | | | 6 |
| Pembroke (St. Ann's H.) | 1013.7 | +1 | S | 6 | ojp | 55 | 85 | 7 | 2500 | Nb | 10 | - | 10 | • |
| Ross-on-Wye ... ... | 1017.4 | +2 | S | 1 | bc | 41 | 97 | 6 | - | - | 0 | Ci | 6 | • |
| Benson... ... ... | 1018.6 | +2 | - | 0 | b | 35 | 97 | 6 | - | - | 0 | - | 0 | • |
| Andover ... ... | 1019.0 | +2 | - | 0 | b | 33 | 97 | 4 | - | - | 0 | CiSr | 2 | • |
| S. Farnborough ... | 1018.9 | +2 | - | 0 | mb- | 37 | 97 | 4 | - | - | 0 | CiSr | 3 | • |
| London (Kew Obsy.) ... | 1019.4 | +3 | - | 0 | fb+ | 36 | 97 | 2 | - | - | 0 | CiSr | 5 | • |
| Croydon ... ... | 1019.3 | +2 | S | 2 | b+ | 42 | 97 | 7 | 1500 | SrCu | 1 | CiSr | 5 | 0 |
| Clacton-on-Sea ... | 1019.4 | +3 | S | 3 | bc+ | 51 | 75 | 7 | - | - | 0 | Ci | 4 | • |
| Shoeburyness ... ... | 1019.9 | +2 | - | 0 | mbc | 43 | 92 | 6 | - | - | 0 | CiSr | 8 | 0 |
| Grain ... ... ... | 1019.7 | +2 | SSE | 2 | c+ | 44 | 92 | 6 | 4000 | Cu | 1 | CiSr | 8 | • |
| Lympne ... ... | 1019.6 | +1 | S'W | 2 | cpr | 50 | 92 | 6 | 1500 | CuNb | 6 | A.Sr | | |
| Scilly (St. Mary's) ... | 1013.5 | 0 | S | 3 | 0 | 55 | 92 | 7 | 4000 | SrCu | 9 | - | 9 | 5 |
| Falmouth (Pendennis) | 1015.3 | 0 | SW | 5 | c+ | 54 | 97 | 7 | 2500 | Cu | 4 | A.Cu | 7 | 1 |
| Plymouth (Cattewater) | 1015.4 | +1 | S | 4 | 0 | 55 | 85 | 8 | 2500 | Sr | 9 | - | 9 | 0 |
| Portland Bill ... ... | 1017.2 | +2 | SSW | 4 | bc+ | 55 | 75 | 6 | - | - | 0 | A.Cu | 4 | 3 |
| Southampton (Calshot) | 1018.8 | +1 | N | 1 | mb- | 45 | 97 | 5 | - | - | 0 | Ci | 1 | 0 |
| Dungeness ... ... | 1020.4 | +3 | WSW | 3 | bc+ | 54 | 85 | 7 | 4000 | Cu | 5 | - | 5 | 2 |
| Jersey 7h } ... ... | 1018.4 | 0 | SW | 3 | b- | 53 | 85 | 8 | - | - | 0 | A.Cu | 2 | 0 |
| Guernsey 1h } | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 11th Oct.

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 10th-11th | Temperature. Max. Day. 11th | Rainfall.† Night 17h.-9h. 10th-11th | Rainfall.† Day 9h.-17h. 11th | Sunshine. Sunrise to 17h. 11th | Sunshine. Sunrise to Sunset. 10th |
|---|---|---|---|---|---|---|---|---|
| | | | °F. | °F. | mm. | mm. | hr. | hr. |
| Banff ... ... | Co | rc | 36 | 49 | - | 1 | 0.4 | 5.3 |
| Montrose ... ... | * | * | 44 | 51 | 2 | 0.1 | 1.7 | 1.1 |
| Llandudno ... ... | cbc | cc | 39 | 54 | - | - | 2.3 | 0.0 |
| Colwyn Bay ... | bc | bcc | 45 | 54 | - | - | 0.0 | 0.0 |
| Rhyl... ... ... | bc | o | 40 | 55 | - | - | 4.5 | 0.0 |
| Southport ... ... | fbbc | bcco | 36 | 53 | - | - | 5.4 | 0.0 |
| Blackpool ... ... | bc | bo | 37 | 53 | - | - | 6.4 | 0.4 |
| Harrogate ... ... | b | b | 39 | 49 | - | - | 1.2 | 0.8 |
| Skegness ... ... | bbc | bco | 42 | 52 | - | - | 2.5 | 4.4 |
| Aberystwyth ... ... | ocb | bccoo | 42 | 53 | - | - | 3.5 | 0.0 |
| Bath ... ... ... | b | bbcco | 33 | 55 | - | - | 5.5 | 0.6 |
| Leamington Spa ... | bf | b | 30 | 53 | - | - | 6.1 | 1.8 |
| Lowestoft ... ... | o | ocb | 42 | 53 | 1 | - | 3.5 | 0.2 |
| Felixstowe ... ... | ombm | bmcm | 40 | 55 | - | - | 4.1 | 1.0 |
| Southend ... ... | bc | bc | 41 | 57 | - | - | 5.4 | 0.7 |

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 10th-11th | Temperature. Max. Day. 11th | Rainfall.† Night 17h.-9h. 10th-11th | Rainfall.† Day 9h.-17h. 11th | Sunshine. Sunrise to 17h. 11th | Sunshine. Sunrise to Sunset. 10th |
|---|---|---|---|---|---|---|---|---|
| | | | °F. | °F. | mm. | mm. | hr. | hr. |
| Paignton ... ... | cbc | cbcm | 44 | 58 | 0.2 | - | 3.9 | 7.3 |
| Ilfracombe ... ... | o | oc | 46 | 53 | 0.1 | - | 0.4 | 0.0 |
| Bude ... ... | wobcc | bcbc | 45 | 57 | 1 | - | 2.6 | 0.1 |
| Penzance ... ... | bc | bcc | 47 | 57 | - | - | 5.0 | 3.9 |
| Falmouth Observatory | bccbc | bcc | 46 | 58 | - | - | 5.3 | 0.5 |
| Torquay ... ... | bc | bc | 48 | 57 | 1 | - | 3.7 | 7.1 |
| Weymouth ... ... | bcb | bc | 41 | 57 | - | - | 6.5 | 4.2 |
| Bournemouth ... | bb | bbf | 34 | 55 | - | - | 7.8 | 3.4 |
| Portsmouth (S'thsea) | b | b | 37 | 56 | - | - | 9.0 | 0.0 |
| Worthing ... ... | b | b | 39 | 56 | - | - | 9.4 | 0.0 |
| Brighton ... ... | b | b | 41 | 54 | - | - | 9.4 | 0.0 |
| Eastbourne ... ... | b | b | 39 | 56 | - | - | 9.3 | 1.1 |
| Hastings ... ... | bcbbc | bcb | 42 | 56 | - | - | 8.1 | 2.0 |
| Folkestone ... ... | bc | bc | 43 | 55 | - | - | 4.9 | 3.1 |
| Tunbridge Wells ... | b | b | 35 | 56 | - | - | 9.2 | 1.0 |
| Ramsgate ... ... | bcbc | bcb | 44 | 55 | 0.3 | - | 5.5 | 2.3 |
| Margate ... ... | bc | b | 47 | | - | - | 6.5 | 1.7 |
| Deal ... ... ... | cmbc | bb | 42 | 54 | 1 | - | 4.7 | 2.7 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 3. § See footnote page 1.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. · No. B 22240 FRIDAY, 13TH OCTOBER 1922. 

**Observations at 1300 G.M.T. 12**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sun. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1012·2 | +3 | WSW | 4 | bc- | 53 | 75 | 7 | 4000 | Cu | 3 | ACu | 4 | * |
| Stornoway | 1010·7 | +3 | - | 0 | c+ | 52 | 75 | 6 | 4000 | Cu | 7 | - | 7 | * |
| Wick | 1011·9 | +4 | SSW | 3 | c | 53 | 85 | 8 | 4000 | Cu | 2 | Ci | 8 | * |
| Castlebay | 1010·8 | 0 | NE | 2 | 0 | 52 | 85 | 8 | 2500 | StCu | 10 | - | 10 | * |
| Stornoway | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1013·0 | +1 | SW | 2 | opr0 | 52 | 85 | 6 | 1500 | St | 10 | - | 10 | * |
| Malin Head | 1008·0 | 0 | ENE | 2 | mmo | 53 | 97 | 5 | 800 | St | 10 | - | 10 | * |
| Renfrew | 1011·1 | +1 | S | 3 | odd | 55 | 97 | 5 | 1500 | Nb | 8 | ASt | 10 | * |
| Edinburgh (Inchkeith) | 1012·2 | +1 | SSW | 3 | o/r | 53 | 85 | 7 | - | St | 4 | ASt | 10 | * |
| Leuchars | 1012·8 | +1 | S | 3 | 0 | 53 | 85 | 7 | 2500 | StCu | 8 | ASt | 10 | * |
| Eskdalemuir | 1014·0 | +1 | SE | 3 | odo0 | 48 | 97 | 5 | 1500 | Nb | 10 | - | 10 | * |
| Tynemouth | 1015·3 | +1 | SSW | 3 | mo- | 51 | 85 | 4 | 4000 | StCu | 10 | - | 10 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1010·6 | +1 | SW | 2 | o/r | 56 | 92 | 7 | 4000 | St | 10 | - | 10 | * |
| Birr Castle | 1010·1 | * | S | 1 | or0 | 56 | 75 | 7 | 4000 | Nb | 9 | - | 9 | * |
| Collinstown | 1013·0 | +4 | S | 4 | 0 | 57 | 85 | 7 | 1500 | St | 10 | - | 10 | * |
| Holyhead | 1014·5 | +2 | SW | 4 | oDD | 55 | 97 | 5 | 4150 | Nb | 10 | - | 10 | * |
| Liverpool (Bidston) | 1016·1 | +1 | SES | 3 | o/r | 55 | 85 | 5 | 1500 | Nb | 10 | - | 10 | * |
| Chester (Shotwick) | 1016·4 | +1 | SE | 3 | odd | 53 | 92 | 5 | 2500 | St | 10 | - | 10 | * |
| Spurn Head | 1019·0 | +2 | SSW | 3 | c+ | 57 | 75 | 6 | - | - | 0 | GSt | 8 | * |
| Nottingham | 1018·3 | * | SW | 3 | bc+ | 57 | 65 | 7 | 2500 | Cu | 2 | ACu | 6 | * |
| Cranwell | 1019·1 | 0 | SSW | 5 | c | 59 | 65 | 7 | 4000 | Cu | 4 | ACu | 8 | * |
| Gorleston | 1020·8 | +1 | SW | 4 | b- | 57 | 75 | 6 | - | - | 0 | GSt | 2 | * |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1019·1 | +3 | SW | 6 | c- | 57 | 85 | 8 | 4000 | StCu | 8 | - | 8 | * |
| Ross-on-Wye | 1017·8 | +1 | SSW | 4 | c@ | 56 | 85 | 8 | 4000 | Cu | 2 | Ci | 7 | * |
| Benson | 1019·0 | 0 | S | 4 | bc+ | 59 | 65 | 7 | - | Cu | 4 | Ci | 5 | * |
| Andover | 1019·7 | +1 | S | 4 | c | 56 | 75 | 8 | 4000 | StCu | 5 | GSt | 7 | * |
| S. Farnborough | 1019·8 | +1 | SSW | 4 | bc | 60 | 65 | 8 | 4000 | Cu | 4 | ACu | 5 | * |
| London (Kew Obsy.) | 1020·1 | 0 | SSW | 2 | bc | 58 | 65 | 8 | 4000 | Cu | 3 | GSt | 4 | * |
| Croydon | 1020·1 | 0 | SSW | 3 | bc | 57 | 75 | 7 | 4000 | Cu | 4 | ACu | 5 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | 1021·1 | +1 | S | 2 | bc | 61 | 75 | 7 | 4000 | Cu | 2 | Ci | 4 | * |
| Grain | 1020·8 | +1 | S | 3 | c+ | 60 | 65 | 8 | 4000 | Cu | 5 | Ci | 8 | * |
| Lympne | 1021·2 | 0 | SSW | 2 | 0+ | 55 | 65 | 7 | 2500 | St | 9 | - | 9 | * |
| Scilly (St. Mary's) | 1014·8 | 0 | SSE | 3 | bc+ | 59 | 85 | 6 | 4000 | StCu | 1 | Ci | 5 | * |
| Falmouth (Pendennis) | 1017·3 | 0 | SSW | 5 | c+ | 57 | 92 | 8 | 4000 | St | 3 | ACu | 8 | * |
| Plymouth (Cattewater) | 1017·8 | +1 | S | 4 | bc- | 58 | 85 | 8 | 2500 | StCu | 3 | ACu | 6 | * |
| Portland Bill | 1018·0 | +1 | SSW | 4 | bc | 58 | 75 | 7 | 800 | Cu | 4 | - | 4 | * |
| Southampton (Calshot) | 1020·4 | +2 | SW | 4 | b- | 60 | 65 | 8 | 4000 | StCu | 1 | ACu | 2 | * |
| Dungeness | 1021·1 | +2 | WSW | 3 | bc+ | 59 | 75 | 8 | 4000 | Cu | 6 | - | 6 | * |
| Jersey 7h / Guernsey 1h | 1019·7 | 0 | SE | 3 | bc | 58 | 75 | 8 | 4000 | StCu | 1 | Ci | 4 | * |

**Observations at 1800 G.M.T. 12**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sun. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1014·5 | +3 | WSW | 1 | b | 49 | 85 | 7 | - | - | 0 | CCu | 3 | 0 |
| Stornoway | 1012·0 | +1 | - | 0 | 0 | 43 | 92 | 6 | 800 | St | 10 | - | 10 | 0 |
| Wick | 1012·4 | +1 | ESE | 2 | 0+ | 51 | 92 | 8 | 5700 | Nb | 10 | - | 10 | 1 |
| Castlebay | 1011·2 | +1 | NE | 3 | 0 | 52 | 75 | 7 | 2500 | St | 10 | - | 10 | 2 |
| Stornoway | 1011·5 | * | - | 0 | 0+ | 50 | 92 | 7 | 1500 | St | 9 | - | 9 | * |
| Aberdeen | 1014·0 | +2 | SW | 2 | o/r | 52 | 92 | 6 | 1500 | St | 10 | - | 10 | 0 |
| Malin Head | 1009·6 | +2 | SW | 4 | odo0 | 55 | 97 | 6 | 1500 | St | 10 | - | 10 | 4 |
| Renfrew | 1012·6 | +4 | SSW | 4 | odd | 55 | 92 | 4 | 800 | Nb | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1013·3 | +1 | SW | 3 | 0 | 55 | 85 | 6 | - | St | 10 | | 10 | 2 |
| Leuchars | 1012·9 | +1 | SSE | 3 | 0 | 53 | 92 | 7 | 2500 | St | 5 | ASt | 10 | * |
| Eskdalemuir | 1015·2 | +2 | SSW | 5 | orr | 52 | 85 | 4 | 4150 | Nb | 10 | - | 10 | * |
| Tynemouth | 1016·7 | +2 | SW | 3 | orr0 | 52 | 97 | 4 | 4000 | Nb | 10 | - | 10 | 1 |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1013·6 | +3 | SW | 3 | orr | 55 | 92 | 7 | 2500 | St | 10 | - | 10 | 3 |
| Birr Castle | 1011·9 | * | S | 2 | c- | 54 | 85 | 6 | 4000 | StCu | 7 | - | 7 | * |
| Collinstown | 1015·3 | +3 | S | 4 | o- | 55 | 75 | 6 | 4000 | StCu | 7 | ASt | 10 | * |
| Holyhead | 1016·7 | +4 | SSW | 3 | 0 | 56 | 85 | 7 | 2500 | StCu | 7 | ASt | 10 | 2 |
| Liverpool (Bidston) | 1018·1 | +2 | SES | 2 | o/r | 53 | 92 | 4 | 1500 | Nb | 10 | - | 10 | 2 |
| Chester (Shotwick) | 1018·2 | +3 | SE | 2 | o- | 52 | 85 | 4 | 5700 | StCu | 9 | - | 9 | * |
| Spurn Head | 1020·0 | +1 | S | 4 | c | 53 | 85 | 6 | 2500 | St | 2 | ACu | 8 | 4 |
| Nottingham | 1020·1 | * | SSE | 1 | b | 50 | 85 | 6 | 2500 | StCu | 1 | Ci | 2 | * |
| Cranwell | 1020·6 | +2 | - | 0 | bc- | 45 | 97 | 6 | 4000 | StCu | 3 | CCu | 4 | * |
| Gorleston | 1021·5 | +1 | SSW | 2 | b+ | 52 | 92 | 6 | - | - | 0 | GSt | 3 | 0 |
| Valencia (Cahirciveen) | 1006·7 | 0 | ESE | 6 | c+ | 56 | 92 | 6 | - | CuNb | 6 | ASt | 8 | |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1016·5 | +1 | SW | 5 | b- | 56 | 85 | 8 | - | - | 0 | ASt | 3 | 5 |
| Ross-on-Wye | 1015·1 | +2 | SW | 2 | bc- | 52 | 85 | 8 | - | - | 0 | CCu | 4 | * |
| Benson | 1021·1 | +2 | S | 3 | b- | 47 | 85 | 7 | - | - | 0 | - | 0 | * |
| Andover | 1021·0 | +2 | - | 0 | b- | 49 | 92 | 7 | 4000 | StCu | 1 | Ci | 3 | * |
| S. Farnborough | 1021·6 | +2 | S | 1 | mbt | 50 | 85 | 6 | - | - | 0 | Ci | 3 | * |
| London (Kew Obsy.) | 1021·9 | +3 | SE | 1 | mb | 52 | 75 | 7 | - | - | 0 | CCu | 2 | * |
| Croydon | 1021·9 | +3 | SE | 1 | b- | 49 | 85 | 6 | 5700 | StCu | 1 | Ci | 3 | * |
| Clacton-on-Sea | 1022·0 | +3 | SSE | 3 | bc | 55 | 92 | 6 | - | - | 0 | ASt | 4 | 1 |
| Shoeburyness | 1022·4 | +3 | S | 1 | b- | 50 | 85 | 7 | 2500 | Cu | 1 | - | 1 | * |
| Grain | 1021·6 | +3 | S | 3 | bc- | 52 | 85 | 7 | - | - | 0 | Ci | 5 | 0 |
| Lympne | 1022·8 | +2 | SE | 2 | bc | 49 | 75 | 7 | - | - | 0 | CSt | 4 | * |
| Scilly (St. Mary's) | 1016·3 | +2 | SE | 4 | bc | 55 | 97 | 6 | 4000 | StCu | 4 | - | 4 | 6 |
| Falmouth (Pendennis) | 1017·1 | 0 | SE | 5 | c | 56 | 92 | 8 | 4000 | Cu | 5 | ACu | 8 | 1 |
| Plymouth (Cattewater) | 1018·1 | +1 | SE | 3 | b | 55 | 85 | 7 | - | - | 0 | ACu | 1 | 0 |
| Portland Bill | 1018·9 | +1 | SW | 4 | bc | 56 | 75 | 7 | - | - | 0 | CCu | 4 | |
| Southampton (Calshot) | 1021·2 | +1 | SE | 3 | b- | 54 | 75 | 7 | 4000 | StCu | 1 | ASt | 2 | 0 |
| Dungeness | 1022·5 | +3 | SW | 2 | b- | 55 | 75 | 7 | - | - | 0 | CCu | 3 | 3 |
| Jersey 7h / Guernsey 1h | 1019·2 | 0 | SE | 3 | b | 58 | 75 | 8 | - | - | 0 | - | 0 | 3 |

| London Observations | Weather. Morning. | Weather. Afternoon. | Weather. Night. | Temperature. Max. °F. | Temperature. Min. °F. | Temperature. Min. on Grass °F. | Rainfall. mm. Day. | Rainfall. mm. Night. | Sunshine to Sunset. hrs. | Humidity. 15h. G.M.T. % | Humidity. 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 HOURS ENDED 0900 G.M.T. 13 | | | | | | | | YESTERDAY. | TO-DAY. | |
| Kew | bfwbcw | bcwf | bfwm | * | * | 29 | - | - | 8.1 | * | * |
| Croydon (24 hours ended 0700) | cbcm | bcbm | bmbcw | * | * | 32 | - | - | 5.1 | * | * |
| Greenwich (Royal Obsy.) | bbc | b | bw | 62 | 42 | 29 | - | - | 6.7 | 59 | 84 |
| City (Bunhill Row) | * | * | * | * | * | * | * | * | 5.6 | * | * |
| Westminster (St. James' Pk.) | * | * | * | 62 | 47 | * | - | - | 7.0 | 56 | 73 |
| Regent's Pk. (Botanic Gdns.) | * | * | * | * | * | * | * | * | 4.9 | * | * |
| Camden Square | mw | bc | * | 61 | 40 | 38 | - | trace | * | * | 89 |
| Kensington Palace | b | bcb | * | 61 | 45 | 44 | - | - | * | 77 (84) | 82 |
| Hampstead Observatory | * | * | * | 60 | 45 | 34 | - | - | 7.3 | * | 58 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 12

| South Kensington Max. | Time. | Min. | Time. |
|---|---|---|---|
| 2 | 11h 20m | 0.3 | 12h 11m |
| 2.5 | 12h 9m | | |

| Kew Observatory Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1.1 | 11h 22m | <0.3 | 12h – 13-16h |
| 1.3 | 12h 9m | | |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 12h 18m 15s to 13h 05m 15s

| Stars. | Exposure. h. m. | Exposure. h. m. | Record. % |
|---|---|---|---|
| Polaris | 11.00 | 11.0 | 100 |
| γ Ursæ Minoris | 11.00 | 11.0 | 100 |

**Radio Disturbances (Atmospherics) at Croydon.**

| Time. | Type. | No. per sec. | Strength. | Direc. |
|---|---|---|---|---|
| 13h. | C | 5 | - | 160 |
| 16h. | C | 5 | - | 10 |
| 01h. | C | 6 | - | 110 |
| 07h. | C | 6 | - | 100 |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.** 13th & 14th Oct., 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.17 / 6.19 | 11.39 / 11.39 | 5.1 / 4.59 |
| Greenwich | 6.22 / 6.24 | 11.46 / 11.46 | 5.10 / 5.8 |
| Wick | 6.46 / 6.48 | 11.58 / 11.58 | 5.11 / 5.8 |
| Valencia | 7.9 / 7.6 | 12.27 / 12.27 | 5.50 / 5.48 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
p precipitation within sight of station.
p passing showers r rain.
s snow. ra sleet t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing". h(r) = "hail" or "rain and hail"

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
rofo = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

**Sea Disturbance.**

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

* For explanation see Introduction.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ For code see page 3.

M.O. Form 2370.

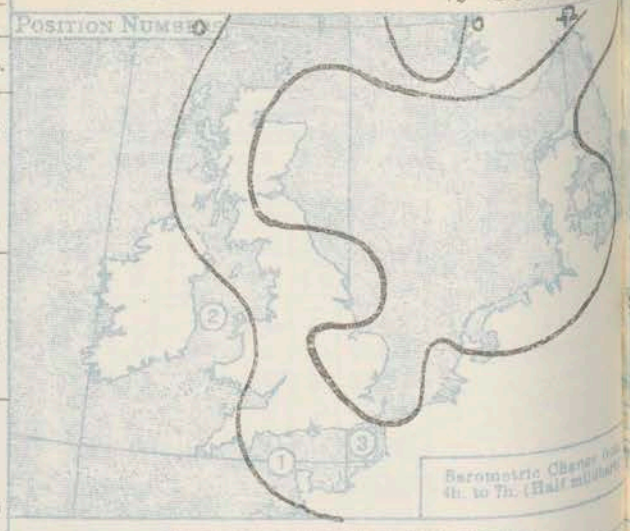
## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 12* | 13h.-18h. 12* | 18h. 12 to 1h. 13 | 1h.-7h. 13* | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... | bc | bc | fd | fr | 53 | 46 | . | 0·3 | 1 | 0900 | 2400 | . |
| Stornoway ... | c | oo | f-d | p | 54 | 41 | . | - | 4 | - | - | 5.0 |
| Wick ... | c | c | oir | oir r | 54 | 48 | . | - | 2 | - | <2100 | . |
| Castlebay ... | co | o | r r | r r o | 52 | 49 | . | - | 2 | - | - | 1.0 |
| Nairn ... | cdom | odq | odg | cm | 52 | 47 | . | 0·3 | 0.2 | 1230 | 2200 | 0.3 |
| Aberdeen ... | ompr | omd r | oirm | oirom | 53 | 50 | 44 | 0·3 | 4 | 12.30 | <2100 | 0.0 |
| Malin Head ... | ffoid | urmd | d dco | coz | 56 | 51 | . | 1 | 0.5 | 11.00 | - | 0.0 |
| Renfrew ... | omr dd | omdd | omr o | om | 56 | 43 | 36 | 5 | 1 | <0800 | <2100 | 0.0 |
| Edinburgh (Inchkeith) | irid | oo | rr | c | 56 | 52 | 46 | 3 | - | 1530 | - | 0.9 |
| Leuchars ... | oo | oo | r-d | | 55 | 46 | 34 | trace | 1 | <0800 | <2100 | 0.0 |
| Eskdalemuir ... | Rod | odorm | orodm | om | 52 | 40 | 36 | 17 | 5 | <0800 | <2100 | 0.0 |
| Tynemouth ... | oif | ororm | or r m | cm | 53 | 47 | 41 | 2 | 0.6 | 1530 | <2100 | . |
| Blacksod Point ... | | | | | | | . | | | | | . |
| Donaghadee ... | ir | or | bc | bc | 56 | 52 | . | 3 | 0.5 | <0800 | <2100 | . |
| Birr Castle ... | circ | coir | co | co | 58 | 52 | 47 | 1 | - | <0800 | - | . |
| Collinstown ... | oom | oirm | ococm | cocm | 58 | 53 | . | 1 | - | <0800 | - | 0.0 |
| Holyhead ... | cDrrRRm | oDoDdm | ocbc | bcb | 57 | 51 | 53 | 8 | trace | <0800 | - | 0.3 |
| Liverpool (Bidston) | bcmp | r-d | bc | | 54 | 44 | . | 1 | - | 11.00 | - | 0.2 |
| Chester (Shotwick) | omr r | orr orm | obcz | bcm | 55 | 43 | 36 | 3 | - | 11.00 | - | . |
| Spurn Head ... | b-bc | c | b.bc | b.bc | 59 | 46 | . | - | - | - | - | 4.0 |
| Nottingham ... | b-bc | b-bc | b | bbcm | 60 | 41 | 35 | - | - | - | - | 6.4 |
| Cranwell ... | c | cbc | bccm | F | 59 | 35 | 32 | - | - | - | - | 6.3 |
| Gorleston ... | bcb | bbcm | bzw | bme | 57 | 48 | 43 | - | trace | - | - | 6.5 |
| Valencia (Cahirciveen) | | of | o | o | | | | | | | | |
| Roches Point ... | | | | | | | . | | | | | . |
| Pembroke (St. Ann's H.) | cqp | c | ocbc | b.bc | 58 | 54 | . | - | - | - | - | 3.9 |
| Ross-on-Wye ... | bcobcc | bccobc | b'bw | bwbcm | 62 | 45 | 41 | - | - | - | - | 6.1 |
| Benson ... | bbc | bcb | bc | bcw | 60 | 44 | 35 | - | - | - | - | . |
| Andover ... | bccm | cmbcb | bmw | bmw | 60 | 41 | 33 | - | trace | - | - | 7.9 |
| S. Farnborough ... | b-bc | bcybm | b.bccw | | 61 | 38 | 29 | trace | - | - | - | 8.4 |
| London (Kew Obsy.) | bwbcw | bcwbcf | bfwbm | bcmw | 60 | 42 | 29 | - | - | - | - | 8.1 |
| Croydon ... | cbcm | bcbm | bmm | bccmw | 60 | 42 | 32 | - | - | - | - | 9.1 |
| Clacton-on-Sea ... | bcz | bcz | bbc | bc | 58 | 53 | 50 | - | - | - | - | 8.2 |
| Shoeburyness ... | b-bc | b | b | bm | 63 | 44 | 32 | - | trace | - | - | 8.7 |
| Grain ... | cmbcc | cbc | bcbb | bbcwm | 61 | 46 | 40 | - | 0.1 | - | - | 8.[illegible] |
| Lympne ... | c | b-bc | b.bc | bwm | 58 | 45 | 32 | trace | trace | 12.30 | - | 7.0 |
| Scilly (St. Mary's) | cbcm | bcm | bcoq | bcq | 60 | 53 | . | - | - | - | - | 8.6 |
| Falmouth (Pendennis) | bcc | c | b | bc | 59 | 55 | . | - | - | - | - | 7.5 |
| Plymouth (Cattewater) | c | b-bc | b | bw | 59 | 52 | 47 | - | - | - | - | 5.5 |
| Portland Bill ... | c | c | b.bc | bbc | 59 | 53 | . | - | - | - | - | . |
| Southampton (Calshot) | bc | bbcb | b | bbc | 61 | 52 | 51 | - | - | - | - | 8.5 |
| Dungeness | c | c | bbc | bbc | 60 | 52 | . | - | - | - | - | . |
| Jersey 7h. / Guernsey 7h. | b | b | b | b | 59 | 52 | . | - | - | - | - | 9.5 |

ISALLOBARS

13th October

POSITION NUMBER




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force | Weather. | Temp. Air. | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 2 | 12th 1005 | Anglia | S | 7 | omd | 55 | 56 |
| 1 | 12th 1100 | Reindeer | S | 4 | o. | 62 | 59 |
| 3 | 13th 0300 | Dieppe | SE | 3 | b | 52 | 58 |

GENERAL INFERENCE.

The deep depression between the Azores and Ireland is practically stationary and will maintain S to SE winds, fresh to strong at times and fair weather over the British Isles. There is a risk of rain or drizzle later in the West but over E and SE England the weather seems unlikely to change during the next day or two.

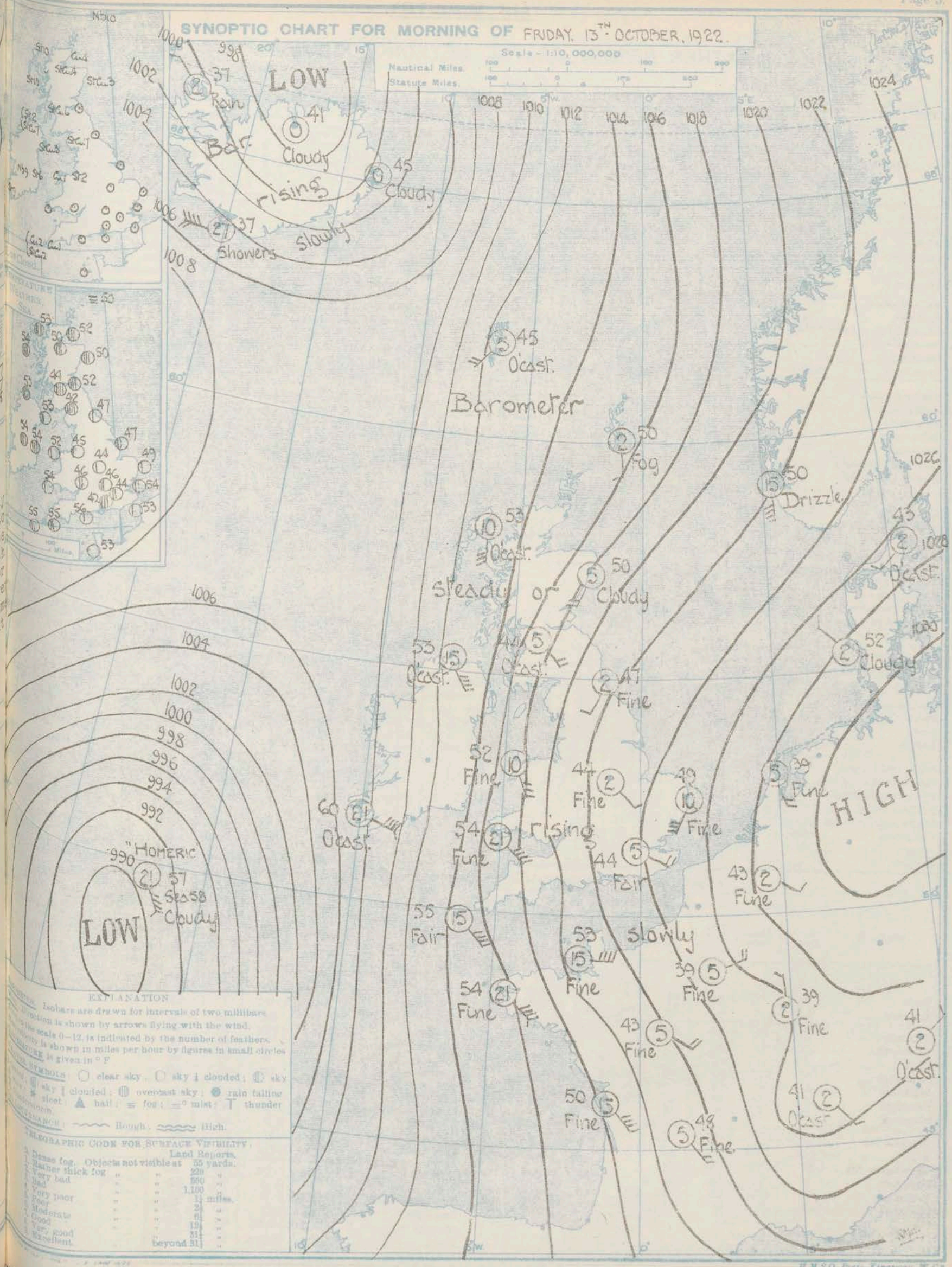
| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 13th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands | Wind S to SE, fresh or strong at times ; fair; visibility good during the day, but some mist inland at night; rather mild. | With-held. |
| 5. S.W. England<br>6. South Wales | Wind SE, strong at times; fair at first, risk of rain or drizzle later; visibility moderate or good; rather mild. | |
| 7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England<br>11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | As 1 to 4. | |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | As 5 to 6. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0915 GMT.

E.V.N.

C. Simpson, F.R.S., Director.

* For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION ... FRIDAY 13TH OCTOBER ..... 1922. No. 286...

### Observations at 0100 G.M.T. 13th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.‡ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1014.5 | 0 | E | 1 | fo | 48 | 97 | 3 | 1500 | Nb | 10 | - | 10 | • |
| Stornoway ... ... | 1014.0 | +1 | - | 0 | rf | • | • | 4 | • | • | • | • | • | • |
| Wick ... ... ... | 1012.8 | 0 | SSW | 2 | oc | 51 | 97 | 6 | 4000 | Nb | 7 | A.Sr | 10 | • |
| Castlebay ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head ... ... | 1012.2 | +1 | S | 5 | O- | 53 | 85 | 7 | 2500 | SrCu | 9 | - | 9 | • |
| Renfrew ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Irchkeith) | 1016.9 | +4 | SW | 4 | o/r | 54 | 75 | 8 | - | Sr | 10 | - | 10 | • |
| Leuchars ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth ... ... | 1020.0 | +2 | S | 1 | o/r | 52 | 92 | 4 | 4000 | Nb | 4 | A.Sr | 10 | • |
| Blacksod Point ... | | | | | | | | | | | | | | • |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | 1016.6 | 0 | S | 4 | C- | 54 | 85 | 7 | 2500 | SrCu | 8 | - | 8 | • |
| Holyhead ... ... | 1018.3 | +2 | S'E | 4 | bc- | 55 | 85 | 8 | 4000 | Cu | 1 | A.Sr | 4 | • |
| Liverpool (Bidston) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head ... ... | 1022.6 | +1 | SSW | 3 | bc | 48 | 92 | 6 | 4000 | SrCu | 1 | A.Cu | 5 | • |
| Nottingham ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell ... ... | 1023.6 | +3 | S'E | 3 | O+ | 43 | 97 | 6 | 1500 | SrCu | 6 | A.Cu | 10 | • |
| Gorleston ... ... | 1024.7 | +1 | S'W | 2 | b | 49 | 92 | 6 | - | - | 0 | - | 0 | • |
| Valencia (Cahirciveen) | 1007.9 | -2 | ESE | 5 | O+ | 57 | 85 | 6 | - | Cu | 9 | - | 9 | • |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1016.8 | -1 | SE | 5 | b | 55 | 85 | 8 | - | - | 0 | Ci | 2 | • |
| Ross-on-Wye ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.) ... | • | • | • | • | • | 45 | • | • | • | • | • | • | • | • |
| Croydon ... ... | 1023.4 | +1 | SSE | 2 | b | 47 | 97 | 6 | - | - | 0 | Ci | 2 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne ... ... | 1024.3 | +2 | SSE | 4 | b | 49 | 92 | 8 | - | - | 0 | - | 0 | • |
| Scilly (St. Mary's) ... | 1019.3 | -2 | SSE | 4 | O | 55 | 85 | 7 | 4000 | SrCu | 10 | - | 10 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1020.6 | +2 | S | 5 | b | 55 | 85 | 7 | - | - | 0 | CuCu | 3 | • |
| Southampton (Calshot) | 1022.2 | +1 | SE | 4 | b | 55 | 85 | 8 | - | - | 0 | - | 0 | • |
| Dungeness ... ... | 1023.6 | +1 | S | 4 | b- | 53 | 92 | 7 | - | - | 0 | CuCu | 1 | • |
| Jersey (7h.) ... ... | 1020.1 | 0 | SE | 6 | b | 55 | 85 | 8 | - | - | 0 | CuSr | 3 | • |
| Guernsey (1h.) | | | | | | | | | | | | | | |

### Observations at 0700 G.M.T. 13th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.‡ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1014.5 | +1 | S | 1 | fo | 50 | 97 | 3 | 2500 | Nb | 10 | - | 10 | 0 |
| Stornoway ... ... | 1012.9 | 0 | S | 3 | o/r | 53 | 92 | 6 | 450 | Sr | 10 | - | 10 | 2 |
| Wick ... ... ... | 1014.6 | +3 | SSW | 2 | c/r | 52 | 85 | 8 | 4000 | Cu | 4 | A.Cu | 8 | 1 |
| Castlebay ... ... | 1012.9 | 0 | SE | 5 | o/r | 54 | 85 | 6 | 1500 | Sr | 10 | - | 10 | 6 |
| Nairn ... ... ... | 1015.4 | • | - | 0 | c | 50 | 85 | 7 | 4000 | SrCu | 4 | CuCu | 7 | 0 |
| Aberdeen ... ... | 1016.6 | +3 | SSW | 2 | c- | 50 | 92 | 6 | 4000 | SrCu | 3 | CuSr | 1 | • |
| Malin Head ... ... | 1022.2 | 0 | SSE | 4 | o | 53 | 85 | 7 | 2500 | SrCu | 9 | - | 10 | 4 |
| Renfrew ... ... | 1017.9 | +2 | SE | 3 | o | 54 | 97 | 6 | 4000 | SrCu | 9 | - | 10 | • |
| Edinburgh (Irchkeith) | 1018.5 | +2 | SSW | 2 | c+ | 52 | 85 | 7 | - | - | 0 | CuCu | 8 | • |
| Leuchars ... ... | 1018.8 | +3 | SSW | 2 | bc | 49 | 92 | 7 | - | - | 0 | CuSr | 9 | • |
| Eskdalemuir ... ... | 1020.1 | +1 | - | 0 | o | 42 | 92 | 6 | 1500 | SrCu | 7 | CuCu | 8 | 1 |
| Tynemouth ... ... | 1020.9 | +1 | SSW | 1 | b | 47 | 85 | 5 | - | - | 0 | CuCu | 10 | • |
| Blacksod Point ... | 1017.2 | 0 | SSW | 2 | bc- | 53 | 92 | 8 | 7200 | SrCu | 3 | A.Cu | 6 | • |
| Donaghadee ... ... | 1011.7 | • | SE | 3 | o+ | 54 | 92 | 7 | 4000 | Nb | 9 | - | 9 | • |
| Birr Castle ... ... | 1015.6 | -1 | S'E | 5 | c | 54 | 92 | 6 | 800 | Sr | 10 | Cu | 10 | • |
| Collinstown ... ... | 1017.6 | 0 | SSE | 3 | b- | 52 | 85 | 8 | 4000 | Cu | 1 | A.Sr | 4 | • |
| Holyhead ... ... | 1020.1 | 0 | SE'E | 3 | b- | 45 | 92 | 5 | 2500 | Sr | 2 | - | 4 | • |
| Liverpool (Bidston) ... | 1020.7 | 0 | SE | 2 | bc | 43 | 97 | 4 | 100 | Sr | 3 | Cu | 3 | • |
| Chester (Shotwick) ... | | | | | | | | | | | | | | |
| Spurn Head ... ... | 1023.8 | +1 | S | 4 | b | 47 | 97 | 6 | - | - | 0 | Cu | 3 | 4 |
| Nottingham ... ... | 1023.2 | • | SE | 1 | b | 44 | 97 | 6 | - | - | 0 | Cu | 3 | • |
| Cranwell ... ... | 1024.6 | +2 | SE'E | 1 | fo- | 38 | 97 | 1 | <150 | Sr | 10 | Ci | 10 | 0 |
| Gorleston ... ... | 1025.4 | +1 | SSW | 3 | b+ | 49 | 92 | 6 | - | - | 0 | | | |
| Valencia (Cahirciveen) | 1007.3 | -3 | ESE | 5 | o | 60 | 85 | 9 | - | Sr | 9 | - | 9 | • |
| Roches Point ... ... | 1016.7 | -1 | SE | 5 | b | 54 | 85 | 8 | - | - | 0 | Cu | 3 | • |
| Pembroke (St. Ann's H.) | 1020.4 | +1 | SE | 2 | bc- | 46 | 92 | 6 | - | - | 0 | Cu | 6 | • |
| Ross-on-Wye ... ... | 1023.0 | +1 | SE'E | 3 | bc | 46 | 92 | 6 | - | - | 0 | Cu | 7 | • |
| Benson ... ... ... | 1021.7 | 0 | ESE | 3 | b | 45 | 97 | 5 | - | - | 0 | Cu | 8 | • |
| Andover ... ... | 1023.4 | +1 | ESE | 2 | c+ | 42 | 97 | 5 | - | - | 0 | Cu | 7 | • |
| S. Farnborough ... | 1024.4 | +1 | ESE | 2 | mbc | 44 | 97 | 5 | - | - | 0 | Cu | | • |
| London (Kew Obsy.) ... | 1024.1 | +1 | SSE | 2 | c+ | 49 | 97 | 6 | - | - | 0 | Cu | 5 | • |
| Croydon ... ... | 1025.3 | +2 | SSE | 4 | bc | 54 | 85 | 6 | - | - | 0 | CuSr | 4 | • |
| Clacton-on-Sea ... | 1025.0 | +2 | SSE | 2 | mb- | 50 | 85 | 6 | - | - | 0 | CuSr | 2 | • |
| Shoeburyness ... ... | 1025.3 | +2 | ESE | 3 | bc- | 47 | 97 | 6 | - | - | 0 | | | |
| Grain ... ... ... | 1026.1 | +1 | SE'S | 4 | b | 50 | 85 | 6 | - | - | 0 | | | |
| Lympne ... ... | 1014.5 | 0 | SE | 4 | bc- | 55 | 92 | 7 | 4000 | Cu | 4 | - | 4 | 6 |
| Scilly (St. Mary's) ... | 1017.4 | 0 | SE | 6 | bc | 55 | 92 | 7 | 4000 | Cu | 1 | Cu | 5 | 1 |
| Falmouth (Pendennis) | 1018.4 | +1 | E | 3 | b | 52 | 92 | 6 | - | - | 0 | Cu | 2 | 0 |
| Plymouth (Cattewater) | 1019.7 | -1 | SE | 6 | b | 56 | 85 | 7 | - | - | 0 | CuCu | 4 | 4 |
| Portland Bill ... ... | 1022.6 | 0 | SE'E | 4 | bc | 55 | 75 | 7 | - | - | 0 | Cu | 1 | 3 |
| Southampton (Calshot) | 1024.5 | +1 | S | 4 | b | 53 | 85 | 8 | - | - | 0 | CuCu | 0 | |
| Dungeness ... ... | 1023.1 | 0 | E | 4 | b | 53 | 85 | 8 | - | - | 0 | - | | |
| Jersey (7h.) ... ... | | | | | | | | | | | | | | |
| Guernsey (1h.) | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Thurs. 12th

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night 11-12 | Temperature. Max. Day. 12 | Rainfall.† Night 17h.-9h. 11-12 | Rainfall.† Day 9h.-17h. 12 | Sunshine. Sunrise to 17h. 12 | Sunshine. Sunrise to Sunset. 11 |
|---|---|---|---|---|---|---|---|---|
| | | | °F. | °F. | mm. | mm. | hr. | hr. |
| Banff ... ... | o | ro | 42 | 53 | 1 | 0·2 | 0·0 | 0·4 |
| Montrose ... ... | * | | 47 | 53 | 0·4 | 0·2 | 0·0 | 0·0 |
| Llandudno ... ... | ro | oc | 44 | 58 | - | 1 | 0·1 | 2·3 |
| Colwyn Bay ... | cpc | c | 49 | 57 | - | 1 | 0·0 | 3·5 |
| Rhyl ... ... ... | r | r | 45 | 57 | - | 4 | 0·0 | 4·5 |
| Southport ... ... | o | ro | 42 | 54 | - | 1 | 0·0 | 5·4 |
| Blackpool ... ... | o | or | 43 | 54 | - | 1 | 0·0 | 6·4 |
| Harrogate ... ... | c | cro | 37 | 61 | - | 0·2 | 1·5 | 1·2 |
| Skegness ... ... | mb | b | 39 | 58 | - | - | 7·2 | 2·5 |
| Aberystwyth ... | ooc | o | 46 | 58 | - | - | 0·0 | 3·5 |
| Bath ... ... | bbc | bbc | 35 | 60 | - | - | 6·8 | 5·5 |
| Leamington Spa ... | b | bm | 32 | 56 | - | - | 5·7 | 6·7 |
| Lowestoft ... ... | b | b | 38 | 58 | - | - | 8·5 | 3·5 |
| Felixstowe ... ... | bm | bz | 39 | 57 | - | - | 8·5 | 4·1 |
| Southend ... ... | b | b | 41 | 63 | - | - | 7·5 | 5·4 |
| Paignton ... ... | wcbc | bc | 40 | 61 | - | - | 7·4 | 3·8 |
| Ilfracombe ... ... | ocbc | bc | ? | 62 | 1 | - | 5·7 | 0·4 |
| Bude ... ... | wc | bc | 45 | 60 | - | - | 5·7 | 2·6 |
| Penzance ... ... | bc | bbc | 51 | 59 | - | - | 6·3 | 5·0 |
| Falmouth Observatory | bcb | b | 47 | 61 | - | - | 7·1 | 5·3 |
| Torquay ... ... | b | b | 44 | 60 | - | - | 7·7 | 5·7 |
| Weymouth ... ... | bc | bc | 48 | 62 | - | - | 7·8 | 6·6 |
| Bournemouth ... | b | b | 36 | 61 | - | - | 7·5 | 7·8 |
| Portsmouth (S'thsea) | b | b | 43 | 62 | - | - | 8·8 | 5·0 |
| Worthing ... ... | bcb | b | 40 | 61 | 0·2 | - | 7·5 | 9·4 |
| Brighton ... ... | bcc | b | 39 | 59 | - | - | 7·4 | 9·5 |
| Eastbourne ... ... | bb | cb | 38 | 60 | - | - | 8·5 | |
| Hastings ... ... | bcc | bc | 43 | 59 | - | - | 6·3 | 8·1 |
| Folkestone ... ... | b | b | 38 | 60 | - | - | 7·5 | 4·9 |
| Tunbridge Wells ... | bbc | b | 36 | 61 | - | - | 8·6 | 5·2 |
| Ramsgate ... ... | bc | b | 40 | 59 | - | - | 7·9 | 5·5 |
| Margate ... ... | bcbc | bbc | 42 | 60 | - | - | 4·7 | 6·5 |
| Deal ... ... ... | mbb | bbm | 35 | 58 | - | - | 7·2 | 4·7 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 2. ‡ See footnote page 1.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22241 SATURDAY, 14TH OCTOBER 1922. 

**Observations at 1300 G.M.T. 13**

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1015·3 | 0 | SW | 3 | o | 52 | 92 | 7 | 5700 | StCu | 2 | ASt | 10 | • |
| Stornoway | 1012·3 | -1 | S | 4 | ado | 54 | 92 | 6 | 450 | St | 10 | - | 10 | • |
| Wick | 1014·7 | -2 | S | 4 | o | 54 | 85 | 8 | - | - | 0 | CiSt | 9 | • |
| Castlebay | 1012·4 | 0 | SE | 6 | orr | 54 | 92 | 6 | 450 | Nb | 10 | - | 10 | • |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1018·5 | +0 | S | 3 | bc+ | 56 | 85 | 6 | - | - | 0 | ASt | 4 | • |
| Malin Head | 1011·7 | -1 | SSE | 5 | o | 59 | 85 | 7 | 5700 | StCu | 7 | ACu | 9 | • |
| Renfrew | 1018·1 | -1 | SE | 3 | o | 56 | 72 | 6 | 4000 | St | 7 | ASt | 10 | • |
| Edinburgh (Inchkeith) | 1018·8 | 0 | SW | 1 | mo- | 58 | 65 | 6 | - | - | 0 | ASt | 10 | • |
| Leuchars | 1018·8 | 0 | S | 2 | .o+ | 58 | 65 | 7 | - | - | 0 | ASt | 9 | • |
| Eskdalemuir | 1019·6 | +1 | S'W | 3 | c | 57 | 65 | 6 | 4000 | StCu | 1 | CiSt | 8 | • |
| Tynemouth | 1021·1 | -1 | SW | 4 | b | 57 | 75 | 6 | - | - | 0 | CiCu | 3 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1016·7 | +1 | S | 2 | c+ | 58 | 75 | 8 | - | - | 0 | ASt | 6 | • |
| Birr Castle | 1012·0 | • | SE | 3 | c- | 58 | 85 | 8 | 4000 | Nb | 8 | • | 8 | • |
| Collinstown | 1016·4 | -0 | S'E | 4 | c | 57 | 85 | 6 | 1500 | St | 8 | - | 8 | • |
| Holyhead | 1017·6 | -1 | SSE | 4 | c- | 63 | 65 | 8 | 5700 | St | 4 | CiSt | 7 | • |
| Liverpool (Bidston) | 1019·4 | +1 | SE | 4 | bc+ | 57 | 75 | 5 | 4000 | St | 3 | CiSt | 4 | • |
| Chester (Shotwick) | 1020·3 | -1 | SSE | 3 | b- | 62 | 65 | 6 | 4000 | StCu | 2 | - | 2 | • |
| Spurn Head | 1023·8 | 0 | SSE | 5 | b | 59 | 85 | 7 | - | - | 0 | CiCu | 1 | • |
| Nottingham | 1022·9 | • | S | 3 | b | 61 | 65 | 7 | - | - | 0 | Ci | 1 | • |
| Cranwell | 1023·8 | -2 | SE'S | 5 | b | 60 | 65 | 7 | - | - | 0 | ACu | 1 | • |
| Gorleston | 1026·4 | +1 | S | 4 | b | 57 | 75 | 6 | - | - | 0 | Ci | 2 | • |
| Valencia (Cahirciveen) | 1008·3 | 0 | SW | 5 | orr | 59 | 97 | 6 | - | St | 10 | - | 10 | • |
| Roches Point | | | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | 1017·5 | 0 | ESE | 5 | bc+ | 59 | 75 | 7 | 4000 | StCu | 2 | Ci | 5 | • |
| Ross-on-Wye | 1020·5 | -1 | SSE | 4 | b | 62 | 55 | 8 | - | - | 0 | Ci | 1 | • |
| Benson | 1022·7 | -1 | SSE | 4 | b | 60 | 55 | 8 | - | - | 0 | - | 0 | • |
| Andover | 1022·3 | 0 | S | 4 | b | 61 | 65 | 7 | - | - | 0 | - | 0 | • |
| S. Farnborough | 1022·2 | -0 | SE | 4 | b | 61 | 55 | 7 | - | - | 0 | - | 0 | • |
| London (Kew Obsy.) | 1023·8 | -2 | SSE | 4 | b | 60 | 55 | 8 | - | - | 0 | - | 0 | • |
| Croydon | 1023·7 | -1 | S | 4 | b- | 60 | 55 | 7 | - | - | 0 | Ci | 3 | • |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | • |
| Shoeburyness | 1025·1 | -1 | ESE | 3 | b/f | 59 | 65 | 7 | - | - | 0 | Ci | 3 | • |
| Grain | 1025·0 | -2 | SSE | 4 | b | 59 | 65 | 8 | - | - | 0 | Ci | 3 | • |
| Lympne | 1024·9 | -2 | SE | 4 | bc+ | 57 | 65 | 6 | - | - | 0 | CiSt | 5 | • |
| Scilly (St. Mary's) | 1015·2 | +1 | SE | 4 | c- | 58 | 85 | 7 | 4000 | StCu | 7 | - | 7 | • |
| Falmouth (Pendennis) | 1017·3 | -1 | E | 6 | bc | 59 | 85 | 7 | 4000 | Cu | 1 | ACu | 4 | • |
| Plymouth (Cattewater) | 1018·5 | 0 | ESE | 4 | b | 62 | 65 | 7 | - | - | 0 | Ci | 1 | • |
| Portland Bill | 1019·7 | 0 | ESE | 6 | b | 56 | 85 | 7 | - | - | 0 | CiSt | 2 | • |
| Southampton (Calshot) | 1022·6 | -0 | ESE | 6 | b | 59 | 75 | 7 | - | - | 0 | - | 0 | • |
| Dungeness | 1024·9 | 0 | S | 4 | bc+ | 59 | 65 | 8 | - | - | 0 | CiCu | 6 | • |
| Jersey 7h | 1019·6 | 0 | ESE | 4 | b | 63 | 75 | 8 | - | - | 0 | - | 0 | • |
| Guernsey 1h | | | | | | | | | | | | | | |

**Observations at 1800 G.M.T. 13**

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1014·5 | -1 | SW | 3 | ododo | 51 | 92 | 5 | 2500 | Nb | 10 | - | 10 | 2 |
| Stornoway | 1011·7 | -1 | S | 5 | orororo | 54 | 92 | 6 | 450 | St | 10 | - | 10 | 4 |
| Wick | 1014·0 | +0 | SSW | 4 | mo | 53 | 92 | 6 | 4000 | Nb | 5 | ASt | 5 | 4 |
| Castlebay | 1011·5 | 0 | SE | 6 | orr | 54 | 92 | 5 | 450 | Nb | 10 | - | 10 | 7 |
| Nairn | 1014·6 | • | W | 1 | o | 57 | 75 | 7 | 4000 | StCu | 9 | - | 9 | • |
| Aberdeen | 1018·5 | +0 | S'W | 3 | bc- | 53 | 92 | 6 | - | - | 0 | ASt | 5 | 0 |
| Malin Head | 1012·1 | 0 | SSE | 4 | oro | 57 | 85 | 6 | 2500 | Nb | 10 | - | 10 | 4 |
| Renfrew | 1018·2 | +1 | ESE | 2 | o | 53 | 85 | 6 | 5700 | StCu | 6 | CiSt | 10 | • |
| Edinburgh (Inchkeith) | 1019·2 | +2 | E | 1 | mo- | 55 | 75 | 7 | - | St | 4 | ASt | 9 | 1 |
| Leuchars | 1018·9 | +1 | SSE | 1 | c | 49 | 92 | 6 | - | - | 0 | ASt | 7 | * |
| Eskdalemuir | 1020·4 | 0 | - | 0 | 0 | 46 | 85 | 5 | - | - | 0 | ASt | 9 | • |
| Tynemouth | 1020·4 | +1 | SSW | 4 | c | 55 | 85 | 5 | 2500 | St | 5 | ACu | 7 | 1 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1016·9 | +1 | S'E | 1 | bc- | 55 | 85 | 7 | 2500 | Cu | 3 | ACu | 5 | 1 |
| Birr Castle | 1013·2 | • | SE | 4 | c | 57 | 85 | 7 | 4000 | StCu | 8 | - | 8 | • |
| Collinstown | 1017·0 | +1 | E'S | 3 | o | 55 | 85 | 6 | 2500 | St | 7 | CiSt | 9 | • |
| Holyhead | 1017·5 | -0 | S'E | 3 | bc- | 57 | 75 | 8 | 4000 | St | 3 | Ci | 5 | 2 |
| Liverpool (Bidston) | 1019·9 | +2 | SE | 4 | b | 55 | 75 | 5 | - | - | 0 | ASt | 3 | 4 |
| Chester (Shotwick) | 1020·3 | +1 | SE | 3 | bc- | 54 | 75 | 6 | - | - | 0 | Ci | 6 | • |
| Spurn Head | 1023·6 | -0 | SSE | 6 | b | 54 | 75 | 7 | 1500 | St | 2 | Ci | 3 | 4 |
| Nottingham | 1022·9 | • | E | 1 | b | 51 | 75 | 7 | 2500 | StCu | 1 | Ci | 2 | • |
| Cranwell | 1023·6 | +0 | SE | 4 | bc | 49 | 85 | 7 | - | - | 0 | ASt | 5 | • |
| Gorleston | 1025·3 | -1 | SSE | 5 | b | 55 | 75 | 6 | - | - | 0 | Ci | 2 | 4 |
| Valencia (Cahirciveen) | 1010·3 | +2 | SSE | 5 | c/r | 61 | 85 | 7 | - | - | 0 | ASt | 8 | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1017·6 | +1 | E'S | 5 | bc | 57 | 75 | 7 | 2500 | StCu | 6 | - | 6 | 5 |
| Ross-on-Wye | 1021·2 | +1 | SE'S | 2 | bc | 53 | 75 | 7 | - | - | 0 | - | 0 | • |
| Benson | 1022·9 | +1 | E | 3 | b | 47 | 65 | 8 | - | - | 0 | Ci | 1 | • |
| Andover | 1022·5 | 0 | SE | 3 | b | 49 | 85 | 6 | - | - | 0 | Ci | 3 | • |
| S. Farnborough | 1023·3 | +1 | - | 0 | mb+ | 48 | 85 | 4 | - | - | 0 | Ci | 1 | • |
| London (Kew Obsy.) | 1023·7 | +1 | SSE | 2 | mb | 53 | 65 | 4 | - | - | 0 | Ci | 1 | • |
| Croydon | 1023·6 | +1 | ESE | 2 | b+ | 50 | 85 | 6 | - | - | 0 | Ci | 1 | • |
| Clacton-on-Sea | 1024·9 | 0 | SE | 4 | bc | 56 | 85 | 6 | - | - | 0 | ASt | 4 | 2 |
| Shoeburyness | 1024·6 | -1 | SE | 2 | b | 54 | 85 | 7 | 4000 | St | 1 | ASt | 3 | • |
| Grain | 1024·6 | +0 | ESE | 3 | b | 54 | 75 | 7 | - | - | 0 | Ci | 1 | 0 |
| Lympne | 1024·7 | +1 | SE | 4 | b | 53 | 75 | 6 | - | - | 0 | CiSt | 2 | • |
| Scilly (St. Mary's) | 1015·6 | +1 | ESE | 3 | c | 56 | 92 | 7 | 4000 | StCu | 8 | - | 8 | 6 |
| Falmouth (Pendennis) | 1017·2 | +1 | E | 6 | o+ | 57 | 85 | 7 | 5700 | StCu | 9 | - | 9 | 2 |
| Plymouth (Cattewater) | 1018·0 | +1 | E | 3 | b | 56 | 85 | 7 | 5700 | StCu | 1 | Ci | 2 | 1 |
| Portland Bill | 1019·7 | 0 | ESE | 6 | b | 56 | 85 | 7 | - | - | 0 | - | 0 | 5 |
| Southampton (Calshot) | 1022·1 | +0 | E'N | 4 | b | 56 | 85 | 7 | - | - | 0 | ASt | 1 | 6 |
| Dungeness | 1024·1 | -2 | S | 3 | b- | 57 | 75 | 7 | - | - | 0 | CiCu | 3 | 4 |
| Jersey 7h | 1018·6 | 0 | ESE | 4 | b | 60 | 85 | 8 | - | - | 0 | - | 0 | 3 |
| Guernsey 1h | | | | | | | | | | | | | | |

### London Observations

| | Weather. Morning. | Weather. Afternoon. | Weather. Night. | Temperature. Max. °F. | Temperature. Min. °F. | Temperature. Min. on Grass. °F. | Rainfall. mm. Day. | Rainfall. mm. Night. | Sunshine to Sunset. hrs. | Humidity. 15h. G.M.T. % | Humidity. 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 Hours ended 0900 G.M.T. 14 | | | | | | | | Yesterday. | To-day. | |
| Kew | bmwy | bybz | bzmwf | • | • | 27 | - | - | 9·1 | • | • |
| Croydon } 24 hours ended 0700 | cbcmz | byz | bmbfw | • | • | 28 | - | - | 9·5 | • | • |
| Greenwich (Royal Obsy.) | b | b | bmx | 62 | 39 | 23 | - | - | 9·4 | 55 | 88 |
| City (Bunhill Row) | • | • | | • | • | • | • | • | 7·9 | • | • |
| Westminster (St. James' Pk.) | • | • | • | 64 | 46 | • | - | - | 8·8 | 48 | 80 |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 7·8 | • | • |
| Camden Square | b'bw | bc | • | 64 | 40 | 34 | - | - | • | • | 98 |
| Kensington Palace | b | b | • | 62 | 44 | 32 | - | - | • | 72 (8h) | 86 |
| Hampstead Observatory | • | • | • | 61 | 43 | 33 | - | - | 8·3 | • | 86 |

### Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1000 G.M.T. 13

| South Kensington Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1·0 | 13h 9h | <0·3 | 13 1-3h |
| 0·6 | 13h 8h | | |

| Kew Observatory Max. | Time. | Min. | Time. |
|---|---|---|---|
| 0·7 | 12h 18h | <0·3 | 13h 2-5h |
| 1·0 | 13h 9h | | |

### Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... Joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

### Pole Star Record at Greenwich Obsy.

Exposure from 13h 18h 15m to 14h 5h 15m

| Stars. | Exposure. h. m. | Exposure. h. m. | Record. h. m. | Record. % |
|---|---|---|---|---|
| Polaris | 11·0 | 11·0 | 100 | |
| δ Ursae Minoris | 11·0 | 11·0 | 100 | |

### Radio Disturbances (Atmospherics) at Croydon.[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 18h. | C | 6 | - | 110 |
| 18b. | C | 6 | - | 70 |
| 01h. | C | 3 | - | 150 |
| 07b. | $C_1C_2$ | 5 | - | 140 |

### Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

14th & 15th Oct. 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.19 / 6.21 | 11.39 / 11.39 | 4.59 / 4.57 |
| Greenwich | 6.24 / 6.26 | 11.46 / 11.46 | 5.8 / 5.6 |
| Wick | 6.48 / 6.50 | 11.58 / 11.58 | 5.8 / 5.6 |
| Valencia | 7.6 / 7.8 | 12.27 / 12.27 | 5.48 / 5.46 |

### Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
i lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—

R = heavy rain.
rr = continuous moderate rain.
ororo = continuous light rain.

### Sea Disturbance.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

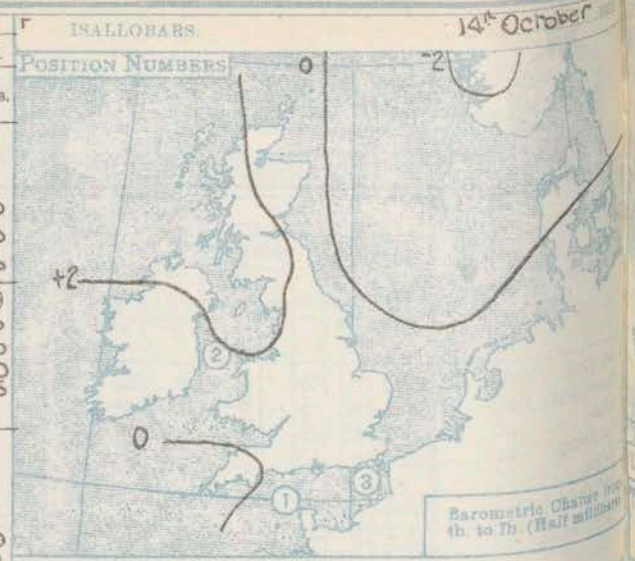
| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

## Summaries for the Past 24 Hours.

| Stations. | Weather. 7h.-13h. 13th | 13h.-18h. 13th | 18h. 13th to 1h. 14th | 1h.-7h. 14th | Temperature. Max. Day. 7h.-18h. | Min. Night. 18h.-7h. | Min. on Grass | Rainfall.† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | Sun. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | oo | om | omr | omr | 54 | 50 | • | 0·1 | 17 | 17.30 | <2100 | • |
| Stornoway | r-d | r-d | r-d | rr | 54 | 53 | • | 4 | 13 | - | <2100 | 0.0 |
| Wick | oo | oo | orr | oo | 54 | 52 | • | - | 2 | - | <2100 | • |
| Castlebay | orr | rr | rr | rrom | 54 | 54 | • | 5 | 2 | 1330 | - | 0.0 |
| Nairn | om | com | ogc | cq | 57 | 55 | • | - | - | - | - | 0.0 |
| Aberdeen | b-bc | ombc | om | om | 56 | 51 | 47 | - | - | - | - | 2·6 |
| Malin Head | coz | omir | coir | coz | 59 | 55 | • | 0·3 | 0.6 | 14.30 | - | 0.9 |
| Renfrew | omz | owzm | oc | oz | 58 | 49 | 41 | trace | - | - | - | 0.3 |
| Edinburgh (Inchkeith) | m | m | izz | oo | 59 | 51 | 41 | - | - | - | - | 3.6 |
| Leuchars | c | com | com | | 59 | 43 | 33 | - | - | - | - | 4.0 |
| Eskdalemuir | cm | czom | ombm | bmbcm | 57 | 36 | 32 | - | - | - | - | 4.5 |
| Tynemouth | bcmq | cm | cm | bbcm | 58 | 43 | 39 | - | - | - | - | • |
| Blacksod Point | | | | | | | • | | | | | • |
| Donaghadee | c | bc | bc | bc | 59 | 52 | • | - | - | - | - | • |
| Birr Castle | co | co | co | coz | 59 | 53 | 45 | - | - | - | - | • |
| Collinstown | ocm | cmo | ocbcm | bccm | 59 | 52 | • | - | - | - | - | 2.0 |
| Holyhead | cbc | cbc | bcb | bbw.y | 64 | 51 | 46 | - | trace | - | - | 7.1 |
| Liverpool (Bidston) | b-bc | b-bc | f-m | m | 59 | 43 | 40 | - | - | - | - | 5.9 |
| Chester (Shotwick) | bcmbm | bccbcm | bm | bwf | 63 | 41 | 38 | - | - | - | - | • |
| Spurn Head | b-bc | b-bc | b-bc | bmw | 59 | 47 | • | - | trace | - | - | 8.0 |
| Nottingham | b-bc | b-bc | b | f-m | 61 | 31 | 31 | - | - | - | - | 7.6 |
| Cranwell | bfbm | b-bc | bcbm | F | 60 | 33 | 30 | - | - | - | - | 6.4 |
| Gorleston | bqz | bqz | bzq | bqwz | 58 | 50 | 43 | - | - | - | - | 8.7 |
| Valencia (Cahirciveen) | or | opqm | op | | | | | | | | | |
| Roches Point | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | b-bc | c | bbc | b.bc | 60 | 53 | • | - | - | - | - | 6.9 |
| Ross-on-Wye | bb | bybbc | bmw | bwFFx | 63 | 34 | 30 | - | - | - | - | 9.0 |
| Benson | b | b | b | bbw | 61 | 41 | 31 | - | - | - | - | • |
| Andover | bmb | b | b | bmbw | 61 | 39 | 32 | - | 02 | - | - | 9.3 |
| S. Farnborough | cbcby | b-bc | bmbf | ocfxw | 61 | 35 | 28 | - | - | - | - | 8.9 |
| London (Kew Obsy.) | bmwy | bybz | bzbmw | bmwbf | 61 | 41 | 27 | - | - | - | - | 9.1 |
| Croydon | cbcmzby | byz | bm | bffmwx | 61 | 36 | 28 | - | - | - | - | 9.5 |
| Clacton-on-Sea | bcz | bcz | bcz | bcz | 56 | 52 | 49 | - | - | - | - | 6.2 |
| Shoeburyness | bmb | b | b | bm | 60 | 46 | 37 | - | trace | - | - | 7.9 |
| Grain | bwmb | b-bc | b | bmw | 60 | 47 | 42 | - | trace | - | - | 9.7 |
| Lympne | b-bc | b-bc | bm | bm | 57 | 48 | 42 | - | - | - | - | 10.0 |
| Scilly (St. Mary's) | cq | bcc | b | b | 59 | 54 | • | - | - | - | - | 4.2 |
| Falmouth (Pendennis) | bcb | bco | bc | | 59 | 55 | • | - | - | - | - | 8.7 |
| Plymouth (Cattewater) | b-bc | b | bw | | 63 | 53 | 48 | - | - | - | - | 9.1 |
| Portland Bill | b-bc | bcb | c | b.bc | 58 | 54 | • | - | - | - | - | • |
| Southampton (Calshot) | bb | bb | b.bc | f-m | 59 | 49 | 47 | - | - | - | - | 9.4 |
| Dungeness | c | c | bbc | b.bc | 60 | 51 | • | - | - | - | - | • |
| Jersey 7h / Guernsey 1h | b | b | bw | bw | 66 | 49 | • | - | - | - | - | 9.8 |




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea |
|---|---|---|---|---|---|---|---|
| 2 | 13th 1000 | Anglia | S'E | 5 | c | 56 | 56 |
| 3 | 14th 0300 | Arundel | SE | 2 | b | 53 | 58 |

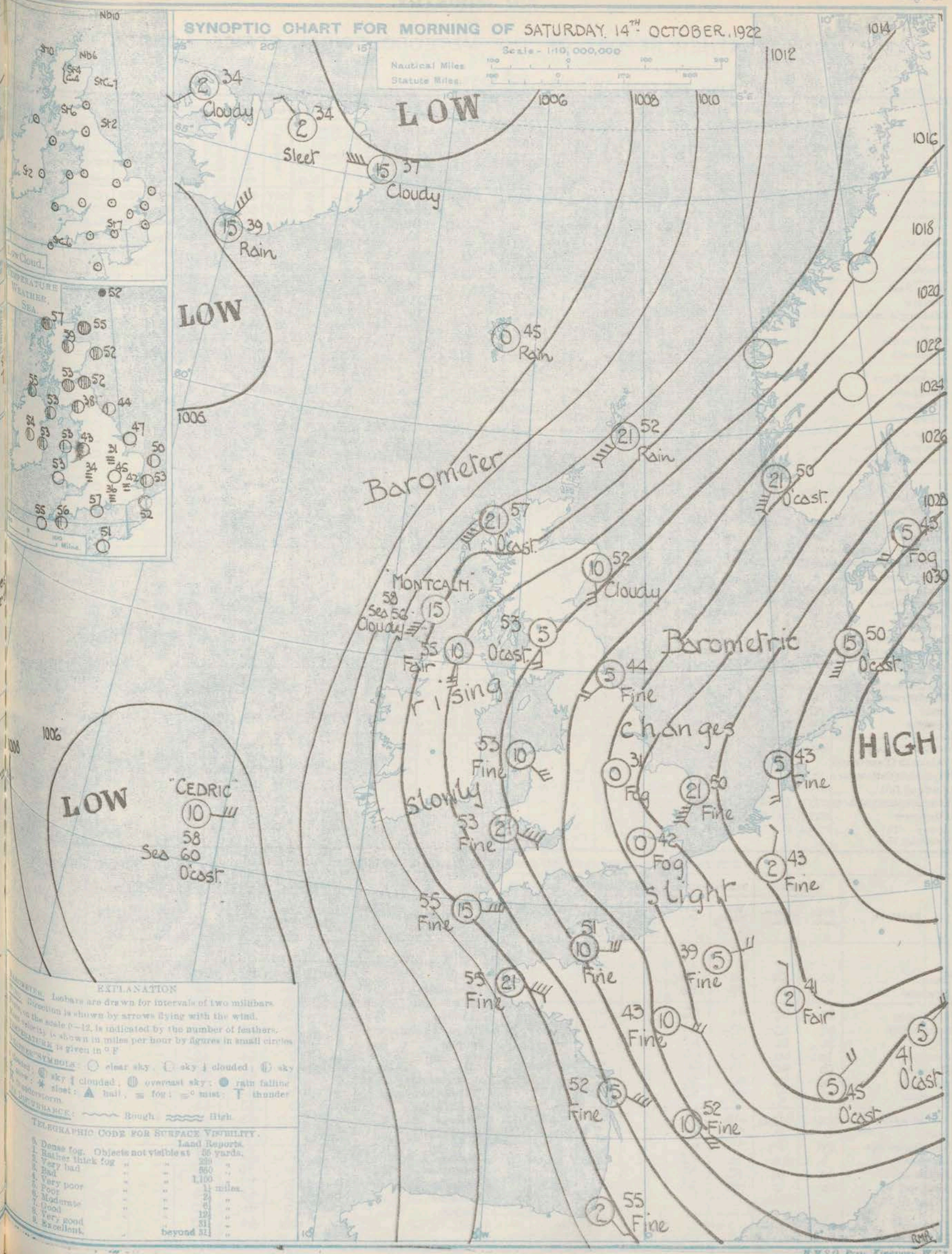
GENERAL INFERENCE.

The Continental anticyclone continues to develop while the Atlantic depression is becoming much less deep. Southerly to Southeasterly winds will be maintained over the British Isles with generally fair weather apart from occasional light rain or drizzle in Ireland and Western Scotland.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Saturday 14th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England | Moderate or fresh SE wind; fair; visibility good during the day, mist or fog inland at night; moderate day temperature, and slight ground frost at night. | Probably fair for more than 24 hours over Eastern England with a slightly lower temperature than of late. |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man | Moderate Southerly wind; cloudy to fair; visibility good during the day, some mist inland at night; moderate temperature. | |
| 14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands<br>17. N.W. Ireland | Moderate or fresh S or SW winds; cloudy, occasional rain or drizzle; visibility moderate or good; rather mild. | |
| 18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Moderate S or SE wind; cloudy with some fair periods, occasional light rain or drizzle; visibility moderate to good; rather mild. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0915. G. C. Simpson, F.R.S., Director.

† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION. Saturday, 14th October 1922. No. 287.

**Observations at 0100 G.M.T. 14th**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0–12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0–9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0–10 | Cloud Upper Form. | Cloud Total Amt. 0–10 | Sea. 0–9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1012·1 | -2 | SW | 5 | orr | 52 | 92 | 6 | 2500 | Nb | 10 | - | 10 | • |
| Stornoway | 1011·4 | 0 | SW | 5 | rr | • | • | 4 | • | • | • | • | • | • |
| Wick | 1012·1 | -3 | SSW | 5 | o/r | 53 | 92 | 8 | 800 | Sr | 10 | - | 10 | • |
| Castlebay | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head | 1012·1 | 0 | SSE | 6 | bc/r | 58 | 85 | 7 | 5700 | Sr.Cu | 3 | A.Cu | 5 | • |
| Renfrew | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1018·2 | -1 | S | 1 | mc- | 53 | 75 | 6 | - | Sr.Cu | 2 | A.Cu | 7 | • |
| Leuchars | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth | 1021·0 | 0 | SSW | 3 | b | 49 | 85 | 6 | - | - | 0 | - | 0 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown | 1017·9 | +1 | SE | 5 | bc- | 55 | 85 | 6 | 2500 | Sr.Cu | 6 | • | 6 | • |
| Holyhead | 1018·5 | 0 | S | 3 | b | 57 | 75 | 8 | - | - | 0 | A.Cu | 3 | • |
| Liverpool (Bidston) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head | 1023·9 | -1 | SSE | 5 | b | 49 | 92 | 8 | - | - | 0 | Ci | 3 | • |
| Nottingham | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell | 1024·7 | +1 | SE | 2 | b- | 40 | 97 | 3 | - | - | 0 | A.Sr | 2 | • |
| Gorleston | 1024·8 | 0 | S | 4 | b | 54 | 92 | 7 | - | - | 0 | - | 0 | • |
| Valencia (Cahirciveen) | 1013·0 | +7 | E | 4 | or̥ | 59 | 97 | 5 | - | Sr | 10 | - | 10 | • |
| Roches Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1018·3 | 0 | E'S | 5 | b | 54 | 85 | 8 | - | - | 0 | - | 0 | • |
| Ross-on-Wye | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.) | • | • | • | • | • | 47 | • | • | • | • | • | • | • | • |
| Croydon | 1023·5 | 0 | S'E | 2 | b | 49 | 92 | 6 | - | - | 0 | - | 0 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne | 1024·6 | 0 | SE | 4 | b | 50 | 85 | 8 | - | - | 0 | - | 0 | • |
| Scilly (St. Mary's) | 1015·6 | 0 | SE'S | 3 | b | 56 | 92 | 7 | - | - | 0 | - | 0 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill | 1019·7 | +1 | ESE | 5 | b | 55 | 85 | 7 | - | - | 0 | - | 0 | • |
| Southampton (Calshot) | 1022·3 | 0 | NE'E | 3 | b | 50 | 92 | 7 | - | - | 0 | - | 0 | • |
| Dungeness | 1023·7 | -1 | SE | 4 | b | 53 | 92 | 7 | - | - | 0 | - | 0 | • |
| Jersey 7h / Guernsey 1h | 1019·4 | 0 | SE | 5 | b | 56 | 85 | 8 | - | - | 0 | - | 0 | • |

**Observations at 0700 G.M.T. 14th**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0–12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0–9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0–10 | Cloud Upper Form. | Cloud Total Amt. 0–10 | Sea. 0–9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1011·3 | 0 | SW | 5 | orr | 52 | 92 | 6 | 2500 | Nb | 10 | - | 10 | 4 |
| Stornoway | 1010·9 | +3 | SW | 5 | o/r | 57 | 92 | 5 | 450 | Sr | 10 | - | 10 | 4 |
| Wick | 1011·8 | +1 | SSW | 3 | o | 55 | 85 | 7 | 4000 | Nb | 6 | A.Sr | 10 | 4 |
| Castlebay | 1013·9 | +1 | SW | 4 | o/r | 56 | 92 | 6 | 800 | Sr | 10 | - | 10 | 4 |
| Nairn | 1013·6 | • | W | 3 | c | 59 | 75 | 8 | 1500 | Sr | 8 | - | 8 | • |
| Aberdeen | 1017·5 | +1 | S | 3 | c- | 52 | 85 | 6 | 4000 | Sr.Cu | 7 | A.Cu | 8 | 0 |
| Malin Head | 1015·1 | +3 | S | 4 | bc | 55 | 85 | 7 | - | - | 0 | A.Cu | 6 | 4 |
| Renfrew | 1018·8 | +1 | S | 2 | o | 53 | 75 | 6 | 2500 | Sr | 6 | Ci | 9 | • |
| Edinburgh (Inchkeith) | 1018·5 | +2 | WSW | 1 | o | 52 | 75 | 7 | - | - | 0 | Ci.Sr | 9 | • |
| Leuchars | 1018·1 | 0 | NW | 1 | o | 50 | 85 | 6 | - | - | 0 | Ci | 9 | • |
| Eskdalemuir | 1021·7 | +2 | - | 0 | bc | 38 | 92 | 5 | - | - | 0 | Ci-Sr | 5 | • |
| Tynemouth | 1020·5 | 0 | SW | 2 | b | 44 | 92 | 5 | 2500 | Sr | 2 | Ci.Cu | 3 | 1 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1018·5 | +1 | S'E | 2 | bc | 53 | 92 | 8 | - | - | 0 | A.Cu | 5 | 1 |
| Birr Castle | 1016·3 | • | SE | 3 | bc- | 54 | 85 | 6 | 4000 | Sr | 2 | Ci.Cu | 6 | • |
| Collinstown | 1018·6 | +1 | S | 3 | c+ | 53 | 92 | 6 | - | - | 0 | A.Sr | 7 | • |
| Holyhead | 1019·4 | +2 | ESE | 3 | b | 53 | 85 | 9 | - | - | 0 | A.Sr | 2 | 0 |
| Liverpool (Bidston) | 1020·3 | +1 | SE'E | 4 | b | 43 | 97 | 5 | - | - | 0 | - | 0 | 6 |
| Chester (Shotwick) | 1021·1 | 0 | SE | 4 | b | 41 | 97 | 3 | - | - | 0 | - | 0 | • |
| Spurn Head | 1023·3 | 0 | SSE | 4 | b | 47 | 97 | 6 | - | - | 0 | - | 0 | 3 |
| Nottingham | 1023·8 | • | - | 0 | FFo | 31 | 97 | 1 | 225 | Sr | 10 | - | 10 | • |
| Cranwell | 1024·6 | 0 | SE'S | 1 | ffb | 34 | 97 | 2 | - | - | 0 | - | 0 | • |
| Gorleston | 1024·6 | 0 | S'W | 5 | b | 50 | 85 | 6 | - | - | 0 | Ci | 1 | 4 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1018·7 | 0 | E'S | 5 | b | 53 | 85 | 6 | - | - | 0 | - | 0 | 5 |
| Ross-on-Wye | 1022·4 | +1 | - | 0 | FFo | 34 | 97 | 1 | <150 | Sr | 10 | - | 10 | • |
| Benson | 1022·6 | +1 | SE | 3 | b | 45 | 97 | 6 | - | - | 0 | - | 0 | • |
| Andover | 1022·4 | 0 | E | 1 | b | 41 | 97 | 6 | - | - | 0 | - | 0 | • |
| S. Farnborough | 1022·9 | 0 | - | 0 | fc- | 36 | 97 | 2 | 450 | Sr | 7 | - | 7 | • |
| London (Kew Obsy.) | 1023·5 | 0 | - | 0 | fb- | 42 | 97 | 2 | - | - | 0 | - | 0 | • |
| Croydon | 1023·5 | 0 | - | 0 | b/f | 39 | 97 | 5 | - | - | 0 | - | 0 | • |
| Clacton-on-Sea | 1024·2 | 0 | SE | 4 | bc | 53 | 85 | 6 | - | - | 0 | A.Cu | 4 | 2 |
| Shoeburyness | 1024·5 | 0 | SE | 2 | mb- | 49 | 85 | 5 | - | - | 0 | - | 0 | 0 |
| Grain | 1024·3 | 0 | E | 3 | b | 49 | 85 | 6 | - | - | 0 | - | 0 | 0 |
| Lympne | 1024·5 | 0 | SE | 4 | b | 49 | 75 | 6 | - | - | 0 | - | 0 | • |
| Scilly (St. Mary's) | 1014·8 | -1 | E | 4 | b | 55 | 92 | 7 | - | - | 0 | - | 0 | 5 |
| Falmouth (Pendennis) | 1017·4 | 0 | E | 5 | bc | 56 | 92 | 7 | 4000 | Sr.Cu | 6 | - | 6 | 2 |
| Plymouth (Cattewater) | 1018·1 | -1 | E | 4 | b | 55 | 85 | 7 | - | - | 0 | - | 0 | 1 |
| Portland Bill | 1019·7 | 0 | ESE | 5 | b | 57 | 85 | 7 | - | - | 0 | - | 0 | 4 |
| Southampton (Calshot) | 1022·1 | 0 | ENE | 3 | mmb | 51 | 92 | 6 | - | - | 0 | - | 0 | 0 |
| Dungeness | 1023·1 | 0 | S | 4 | b | 52 | 85 | 7 | - | - | 0 | - | 0 | 4 |
| Jersey 7h / Guernsey 1h | 1018·2 | 0 | E | 3 | b | 51 | 85 | 8 | - | - | 0 | - | 0 | 3 |

**WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Fri., 13th**

| Stations | Weather Forenoon | Weather Afternoon | Temperature Min. Night 12–13th °F. | Temperature Max. Day 13th °F. | Rainfall Night 17h.–9h. 12–13th mm. | Rainfall Day 9h.–17h. 13th mm. | Sunshine | Sunshine Sunrise to Sunset 13th hr. |
|---|---|---|---|---|---|---|---|---|
| Banff | co | co | 50 | 58 | 1 | - | | 3·3 |
| Montrose | • | * | 49 | 58 | 1 | - | | 2·4 |
| Llandudno | bc | bc | 44 | 66 | - | - | | 8·6 |
| Colwyn Bay | bc | bc | 43 | 64 | - | - | | 9·0 |
| Rhyl | bc | bc | 47 | 63 | - | - | | 7·9 |
| Southport | bc | bcc | 45 | 60 | - | - | | 6·9 |
| Blackpool | cb | cc | 45 | 60 | - | - | | 5·6 |
| Harrogate | bc | bc | 40 | 58 | - | - | | 5·0 |
| Skegness | wb | b | 49 | 59 | - | - | | 8·5 |
| Aberystwyth | occ | bcbco | 48 | 65 | - | - | | 7·8 |
| Bath | b | b | 43 | 62 | - | - | | 9·0 |
| Leamington Spa | bw | b | 41 | 62 | - | - | | 7·8 |
| Lowestoft | b | b | 50 | 59 | - | - | | 9·2 |
| Felixstowe | bz | bz | 52 | 58 | - | - | | 9·2 |
| Southend | b | b | 48 | 63 | - | - | | 9·7 |

| Stations | Weather Forenoon | Weather Afternoon | Temperature Min. Night 12–13th °F. | Temperature Max. Day 13th °F. | Rainfall Night 17h.–9h. 12–13th mm. | Rainfall Day 9h.–17h. 13th mm. | Sunshine | Sunshine Sunrise to Sunset 13th hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton | wb | bb | 55 | 61 | - | - | | 9·4 |
| Ilfracombe | b | b | 52 | 63 | - | - | | 9·3 |
| Bude | wbcbb | bb | 52 | 65 | - | - | | 9·6 |
| Penzance | b | bbc | 55 | 62 | - | - | | 8·8 |
| Falmouth Observatory | b | b | 54 | 62 | - | - | | 8·9 |
| Torquay | b | b | 55 | 63 | - | - | | 9·7 |
| Weymouth | b | b | 54 | 62 | - | - | | 9·5 |
| Bournemouth | b | b | 52 | 59 | - | - | | 9·7 |
| Portsmouth (S'thsea) | b | b | 54 | 61 | - | - | | 9·6 |
| Worthing | b | b | 53 | 60 | - | - | | 9·8 |
| Brighton | b | b | 53 | 59 | - | - | | 9·6 |
| Eastbourne | b | b | 53 | 58 | - | - | | 10·3 |
| Hastings | b | b | 52 | 58 | - | - | | 9·8 |
| Folkestone | b | b | 48 | 59 | - | - | | 9·0 |
| Tunbridge Wells | b | b | 44 | 59 | - | - | | 9·5 |
| Ramsgate | b | b | 50 | 60 | - | - | | 9·5 |
| Margate | b | b | 41 | 59 | - | - | | 8·1 |
| Deal | bb | bb | 44 | 59 | - | - | | 9·3 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22742. SUNDAY, 15TH OCTOBER 1922. 

Observations at 1300 G.M.T. 14th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0–12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0–9 | Height of Low Cloud Feet | Low Cloud Form. | Low Cloud Amt. 0–10 | Upper Form. | Total Amt. 0–10 | Sea 0–9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1011·3 | 0 | WSW | 6 | or/r | 54 | 97 | 6 | 2500 | Nb | 10 | — | 10 | * |
| Stornoway | 1013·6 | +3 | SW | 5 | o/r | 57 | 93 | 5 | 450 | St | 10 | - | 10 | * |
| Wick | 1013·2 | +2 | SSW | 4 | o | 59 | 86 | 7 | 4000 | Nb | 7 | a Cu | 10 | * |
| Castlebay | 1015·8 | +1 | S | 3 | mmo | 55 | 93 | 6 | 1500 | St | 10 | - | 10 | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1016·6 | -1 | SSW | 4 | o | 60 | 75 | 6 | - | St Cu | 8 | Ci St | 9 | * |
| Malin Head | 1016·1 | 0 | SSE | 4 | o | 64 | 75 | 7 | 5750 | St Cu | 9 | - | 9 | * |
| Renfrew | 1019·5 | 0 | - | 0 | c- | 61 | 75 | 6 | 5750 | St Cu | 6 | Ci | 8 | * |
| Edinburgh (Inchkeith) | 1019·0 | -1 | WSW | 2 | imo | 63 | 65 | 6 | - | - | 0 | Ci St | 10 | * |
| Leuchars | 1018·6 | 0 | SW | 3 | o | 64 | 65 | 6 | - | - | 0 | a St | 9 | * |
| Eskdalemuir | 1020·2 | 0 | S | 2 | b | 62 | 55 | 6 | - | - | 0 | Ci St | 3 | * |
| Tynemouth | 1020·6 | 0 | SW | 3 | b | 60 | 75 | 5 | 2500 | St | 2 | - | 2 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1019·2 | 0 | S'E | 2 | b- | 58 | 85 | 7 | - | - | 0 | Ci Cu | 2 | * |
| Birr Castle | 1016·8 | * | SE | 2 | bc- | 65 | 65 | 8 | 4000 | Cu | 1 | a Cu | 4 | * |
| Collinstown | 1018·9 | -1 | SSE | 3 | b | 61 | 75 | 6 | - | - | 0 | - | 0 | * |
| Holyhead | 1018·7 | -2 | NE'N | 1 | b | 62 | 85 | 8 | - | - | 0 | a St | 1 | * |
| Liverpool (Bidston) | 1019·8 | -1 | SE | 3 | b | 57 | 75 | 5 | - | - | 0 | - | 0 | * |
| Chester (Shotwick) | 1020·6 | -2 | SE | 3 | b | 61 | 65 | 6 | - | - | 0 | - | 0 | * |
| Spurn Head | 1023·0 | 0 | SSE | 4 | b | 49 | 75 | 5 | - | - | 0 | - | 0 | * |
| Nottingham | 1022·3 | * | SSE | 2 | b | 64 | 55 | 7 | - | - | 0 | - | 0 | * |
| Cranwell | 1023·2 | -1 | SE | 3 | b- | 58 | 75 | 6 | - | - | 0 | - | 0 | * |
| Gorleston | 1024·7 | 0 | SSE | 3 | b | 58 | 76 | 6 | - | - | 0 | Ci Cu | 2 | * |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1018·3 | -1 | E'S | 5 | b | 59 | 65 | 7 | - | - | 0 | - | 0 | * |
| Ross-on-Wye | 1020·6 | -2 | ESE | 2 | b | 60 | 65 | 7 | - | - | 0 | - | 0 | * |
| Benson | 1021·5 | -3 | SE | 4 | b- | 63 | 55 | 6 | - | - | 0 | - | 0 | * |
| Andover | 1021·1 | -1 | SE | 4 | b | 63 | 65 | 7 | - | - | 0 | - | 0 | * |
| S. Farnborough | 1021·6 | -2 | ESE | 2 | b- | 64 | 45 | 7 | - | - | 0 | - | 0 | * |
| London (Kew Obsy.) | 1022·5 | -3 | E | 3 | b | 62 | 55 | 6 | - | - | 0 | - | 0 | * |
| Croydon | 1022·3 | -1 | ESE | 2 | b | 65 | 45 | 7 | - | - | 0 | - | 0 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | 1023·7 | -2 | E'S | 4 | mmb | 58 | 65 | 6 | - | - | 0 | - | 0 | * |
| Grain | 1023·3 | -2 | ENE | 4 | b | 56 | 75 | 6 | - | - | 0 | - | 0 | * |
| Lympne | 1023·0 | -3 | E'N | 3 | b | 58 | 55 | 6 | - | - | 0 | Ci St | 1 | * |
| Scilly (St. Mary's) | 1014·2 | 0 | E'S | 5 | b+ | 50 | 65 | 7 | - | - | 0 | Ci Cu | 1 | * |
| Falmouth (Pendennis) | 1018·2 | +1 | E | 6 | b | 59 | 85 | 7 | - | - | 0 | Ci Cu | 3 | * |
| Plymouth (Cattewater) | 1017·7 | 0 | E | 5 | b | 59 | 75 | 7 | - | - | 0 | - | 0 | * |
| Portland Bill | 1018·7 | 0 | ESE | 5 | b | 58 | 85 | 7 | - | - | 0 | - | 0 | * |
| Southampton (Calshot) | 1020·9 | -2 | E'S | 5 | b | 59 | 75 | 7 | - | - | 0 | - | 0 | * |
| Dungeness | 1023·1 | +1 | E | 3 | b | 58 | 65 | 7 | - | - | 0 | - | 0 | * |
| Jersey 7h / Guernsey 1h | 1017·9 | -1 | ESE | 5 | b | 58 | 75 | 7 | - | - | 0 | - | 0 | * |

Observations at 1800 G.M.T. 14th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0–12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0–9 | Height of Low Cloud Feet | Low Cloud Form. | Low Cloud Amt. 0–10 | Upper Form. | Total Amt. 0–10 | Sea 0–9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1013·0 | +3 | W | 6 | o | 53 | 93 | 6 | - | - | 0 | a St | 10 | 5 |
| Stornoway | 1015·5 | +2 | SW | 3 | o | 56 | 97 | 5 | 450 | St | 10 | - | 10 | 2 |
| Wick | 1015·3 | +2 | SW | 2 | o | 59 | 85 | 8 | 4000 | Cu | 5 | a Cu | 9 | 0 |
| Castlebay | 1017·0 | +1 | - | 0 | mmo | 56 | 85 | 6 | 1500 | St | 10 | - | 10 | 2 |
| Nairn | 1016·5 | * | W | 1 | bc- | 57 | 85 | 7 | 4000 | Cu | 3 | Ci Cu | 6 | * |
| Aberdeen | 1018·5 | +2 | S'W | 2 | b- | 56 | 85 | 6 | 5750 | St Cu | 1 | Ci St | 2 | 0 |
| Malin Head | 1015·7 | 0 | SSE | 2 | b- | 62 | 85 | 7 | - | - | 0 | a Cu | 2 | 2 |
| Renfrew | 1019·3 | +1 | - | 0 | fb+ | 52 | 85 | 5 | - | - | 0 | - | 0 | * |
| Edinburgh (Inchkeith) | 1019·0 | +2 | S | 1 | mmb | 61 | 65 | 5 | - | - | 0 | - | 0 | 1 |
| Leuchars | 1018·8 | +1 | - | 0 | c | 54 | 93 | 6 | - | - | 0 | Ci St | 8 | - |
| Eskdalemuir | 1020·3 | 0 | - | 0 | b- | 49 | 85 | 6 | - | - | 0 | - | 0 | * |
| Tynemouth | 1020·6 | 0 | SSW | 2 | b | 55 | 85 | 4 | 2500 | St | 2 | - | 2 | 0 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1018·9 | -1 | SE | 1 | mb+ | 55 | 93 | 5 | - | - | 0 | - | 0 | 0 |
| Birr Castle | 1016·0 | * | ESE | 1 | bc | 59 | 75 | 6 | 4000 | Cu | 1 | Ci Cu | 4 | * |
| Collinstown | 1019·1 | +1 | E'N | 2 | b | 52 | 93 | 6 | - | - | 0 | - | 0 | * |
| Holyhead | 1018·4 | 0 | - | 0 | b- | 58 | 85 | 8 | - | - | 0 | - | 0 | 0 |
| Liverpool (Bidston) | 1019·6 | +1 | SE | 4 | b | 55 | 75 | 6 | - | - | 0 | - | 0 | 4 |
| Chester (Shotwick) | 1020·3 | +1 | SE | 2 | b | 49 | 85 | 4 | - | - | 0 | - | 0 | * |
| Spurn Head | 1022·8 | -1 | SE | 2 | b | 52 | 93 | 7 | - | - | 0 | - | 0 | 3 |
| Nottingham | 1022·0 | * | E | 1 | b | 52 | 85 | 6 | - | - | 0 | - | 0 | * |
| Cranwell | 1022·8 | 0 | ESE | 2 | b | 53 | 75 | 6 | - | - | 0 | - | 0 | * |
| Gorleston | 1023·9 | -1 | SE'E | 3 | b | 54 | 93 | 6 | - | - | 0 | Ci | 1 | 1 |
| Valencia (Cahirciveen) | 1012·3 | +3 | SE'E | 3 | b | 58 | 65 | 8 | | | | | | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1017·4 | 0 | E'S | 5 | b | 58 | 65 | 7 | - | - | 0 | - | 0 | 5 |
| Ross-on-Wye | 1020·1 | 0 | NE | 1 | b | 52 | 85 | 6 | - | - | 0 | - | 0 | * |
| Benson | 1020·9 | 0 | - | 0 | b- | 50 | 75 | 7 | - | - | 0 | - | 0 | * |
| Andover | 1020·3 | -1 | ESE | 3 | b | 51 | 75 | 6 | - | - | 0 | - | 0 | * |
| S. Farnborough | 1021·2 | 0 | E | 1 | b+ | 48 | 75 | 5 | - | St | 1 | - | 1 | * |
| London (Kew Obsy.) | 1021·5 | -1 | E | 2 | b | 55 | 75 | 4 | - | - | 0 | - | 0 | * |
| Croydon | 1021·9 | 0 | - | 0 | b | 47 | 85 | 6 | - | - | 0 | - | 0 | * |
| Clacton-on-Sea | 1022·7 | -1 | E | 3 | mb | 55 | 93 | 5 | - | - | 0 | a St | 3 | 2 |
| Shoeburyness | 1022·6 | -1 | E | 1 | mb+ | 54 | 85 | 5 | - | - | 0 | - | 0 | * |
| Grain | 1022·0 | -1 | ESE | 3 | mb | 54 | 93 | 5 | - | - | 0 | Ci | 1 | 0 |
| Lympne | 1022·1 | -1 | E | 4 | b | 53 | 65 | 5 | - | - | 0 | Ci St | 1 | * |
| Scilly (St. Mary's) | 1013·6 | 0 | ESE | 5 | b | 56 | 93 | 7 | 4000 | Cu | 2 | - | 2 | 6 |
| Falmouth (Pendennis) | 1015·8 | -3 | E | 6 | b+ | 56 | 85 | 5 | 5750 | Cu | 1 | - | 1 | 5 |
| Plymouth (Cattewater) | | | | | | | | | | | | | | |
| Portland Bill | 1018·0 | -1 | ESE | 6 | b | 57 | 85 | 7 | - | - | 0 | - | 0 | 4 |
| Southampton (Calshot) | 1020·4 | 0 | E | 4 | b | 55 | 75 | 6 | - | - | 0 | - | 0 | 3 |
| Dungeness | 1021·7 | -1 | E | 2 | b | 57 | 85 | 6 | - | - | 0 | - | 0 | 3 |
| Jersey 7h / Guernsey 1h | 1016·4 | 0 | E | 4 | b | 60 | 75 | 8 | - | - | 0 | - | 0 | 3 |

**LONDON OBSERVATIONS.** (24 Hours ended 0900 G.M.T. 15th)

| London Observations | Weather: Morning | Weather: Afternoon | Weather: Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. (Yesterday) | Humidity 15h. G.M.T. % (Yesterday) | Humidity 9h. G.M.T. % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | b.bzw | bzw.b | bmw bfe | * | * | 25 | - | Tr | 8·8 | * | * |
| Croydon (24 hours ended 0700) | bmy | bzy | bmwx | * | * | 26 | - | Tr | 9·4 | * | * |
| Greenwich (Royal Obsy.) | b | bm | bmwx | 64 | 37 | 28 | - | Tr | 9·5 | 63 | 88 |
| City (Bunhill Row) | * | * | * | * | * | * | * | * | 6·9 | * | * |
| Westminster (St. James' Pk.) | * | * | * | | | | | | 8·6 | | |
| Regent's Pk. (Botanic Gdns). | * | * | * | * | * | * | * | * | 6·0 | * | * |
| Camden Square | bw | bc | * | 65 | 39 | 32 | - | Tr | * | * | 98 |
| Kensington Palace | b | b | * | 65 | 41 | 29 | - | 0·3 | * | 69(18h) | 84 |
| Hampstead Observatory | * | * | * | | | * | | | 3·2 | * | |

**ATMOSPHERIC POLLUTION.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. ..........

| South Kensington | | | |
|---|---|---|---|
| Max. | Time. | Min. | Time. |
| | | | |

| Kew Observatory | | | |
|---|---|---|---|
| Max. | Time. | Min. | Time. |
| | | | |

**SOLAR RADIATION.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate ..............Milliwatts.

Maximum Rate ..............Milliwatts.

**POLE STAR RECORD at Greenwich Obsy.**

Exposure from 14 18 h. 15 m. to 15 05 h. 15 m.

| Stars. | Exposure h. m. | Record h. m. | Record % |
|---|---|---|---|
| Polaris | 11.0 | | |
| δ Ursae Minoris | 11.0 | | |

**RADIO DISTURBANCES (Atmospherics) AT CROYDON.**[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | C | 5 | - | 130 |
| 19h. | C | 5 | - | 25 |
| 01h. | C | 5 | - | 160 |
| 07h. | C | 4 | - | 135 |

**TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.** 15th & 16th Oct, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.21 / 6.22 | 11.39 / 11.39 | 4.57 / 4.55 |
| Greenwich | 6.26 / 6.27 | 11.46 / 11.46 | 5.6 / 5.4 |
| Wick | 6.50 / 6.52 | 11.58 / 11.58 | 5.6 / 5.3 |
| Valencia | 7.8 / 7.9 | 1227 / 1227 | 546 / 544 |

**BEAUFORT NOTATION OF WEATHER.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. tl thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—

R = heavy rain.
rr = continuous moderate rain.
$r_or_o$ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**SEA DISTURBANCE.**

0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

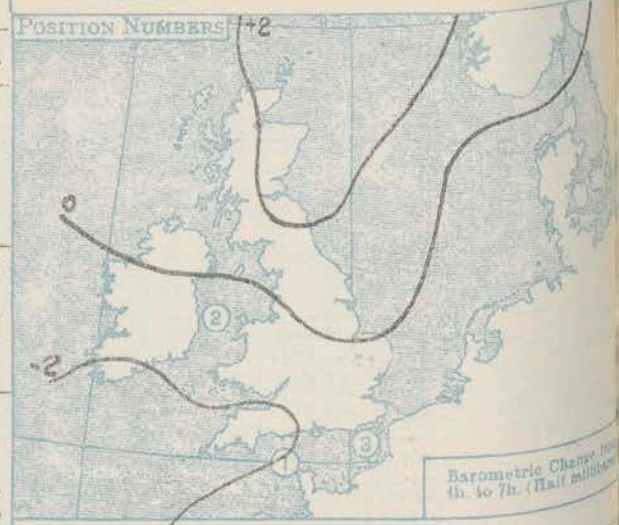
| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction.  * Information for these columns not usually received.  ‡ The barometric change is expressed in half millibars.  § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 14° | 13h.-18h. 14° | 16h. 14° to 1h. 15° | 1h.-7h. 15° | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL.† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | amr | amq | c | Fd | 55 | 40 | • | 3 | 1 | 20800 | <21·00 | • |
| Stornoway ... ... | r | oo | c | f.m | 58 | 43 | • | 1 | - | - | - | 2·3 |
| Wick ... ... ... | oo | oo | b.bc | c | 60 | 51 | • | - | - | - | - | • |
| Castlebay ... ... | am | am | am bm | bmbf | 56 | 54 | • | - | - | - | - | 0·0 |
| Nairn ... ... ... | cqbc | bcm | bcx | bx | 64 | 44 | • | - | - | - | - | 1·8 |
| Aberdeen ... ... | cm | b-bc | bmw | b.bc | 62 | 43 | 36 | - | - | - | - | 1·1 |
| Malin Head ... ... | coz | bcm | b | f.m | 66 | 53 | • | - | - | - | - | 3·5 |
| Renfrew ... ... | omc | cbcbbm | bm fpc | bbfpx | 66 | 31 | 24 | - | - | - | - | 3·4 |
| Edinburgh (Inchkeith) | fm | z | m | f.m | 66 | 44 | 34 | - | - | - | - | 4·3 |
| Leuchars ... ... | com | bccz | fm | | 66 | 36 | 28 | - | - | - | - | 4·8 |
| Eskdalemuir ... ... | bmby | byb | b.bm.bx | bx | 63 | 34 | 24 | - | - | - | - | 9·0 |
| Tynemouth ... ... | mb-bc | bcm | b.bcm | b.bcm | 61 | 42 | 36 | - | - | - | - | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | bcm | bcm | bf | bm | 60 | 50 | • | - | - | - | - | • |
| Birr Castle ... ... | cobc | bcz | be | be | 67 | 51 | 41 | - | - | - | - | • |
| Collinstown ... ... | bbz | bm | c | b.bm | 62 | 48 | • | - | - | - | - | 8·4 |
| Holyhead ... ... | bb | bb | b.bv | b.bm | 60 | 46 | 44 | - | - | - | - | 9·4 |
| Liverpool (Bidston) ... | b-bc | bm | | | 59 | 42 | 36 | - | - | - | - | 8·5 |
| Chester (Shotwick) ... | bmz | bzb | bmf bmy | bwff | 63 | 34 | 30 | - | - | - | - | • |
| Spurn Head ... ... | b-bc | b-bc | b.bc | cbfw | 60 | 45 | • | - | 0·2 | - | <21·00 | 9·0 |
| Nottingham ... ... | Fb-bc | b-bc | bm | f.m | 65 | 38 | 31 | - | - | - | - | 4·4 |
| Cranwell ... ... | Fbm | bz | bmfo | obf | 61 | 38 | 35 | - | - | - | - | 8·5 |
| Gorleston ... ... | bzb | bzw | bw | bw.bmc | 58 | 52 | 40 | - | Trace | - | - | 9·4 |
| Valencia (Cahirciveen) | b | b | b | b | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | bzb | b-bc | b.bc | b.bz | 59 | 51 | • | - | - | - | - | 4·9 |
| Ross-on-Wye ... ... | fbzb | bybz | | bmfbx | 62 | 30 | 26 | - | - | - | - | 8·0 |
| Benson ... ... ... | b | b | b | bw | 69 | 34 | 28 | - | Trace | - | - | • |
| Andover ... ... | bmwb | b | b | bmw | 65 | 31 | 31 | - | 0·1 | - | - | 9·6 |
| S. Farnborough ... | cfby | bzbm | bm | o.c | 66 | 30 | 25 | - | - | - | - | 8·0 |
| London (Kew Obsy.) ... | bbwbzw | bzwbm | bmw bm | bfc bfwx | 64 | 40 | 25 | - | Trace | - | - | 8·8 |
| Croydon ... ... | bmy | bym | bm.mw | bmwx | 65 | 38 | 26 | - | Trace | - | - | 9·4 |
| Clacton-on-Sea ... | bcbz | bzbcm | bc bm | bmbcz | 58 | 52 | 49 | - | - | - | - | 9·1 |
| Shoeburyness ... ... | bmbz | bzb | bmc | f.m | 58 | 42 | 36 | - | 0·1 | - | - | 9·8 |
| Grain ... ... ... | bm | bzbm | | bwm | 54 | 45 | 35 | - | 0·1 | - | - | 9·6 |
| Lympne ... ... | bz | bzy | b.bc | b.bc | | 44 | 32 | - | - | - | - | 9·9 |
| Scilly (St. Mary's) ... | bq | bcq | bq | bq | 60 | 54 | • | - | - | - | - | 8·0 |
| Falmouth (Pendennis) | bcb | bbc | | bf | 59 | 55 | • | - | - | - | - | 9·0 |
| Plymouth (Cattewater) | b-bc | | | | | | | | | | | |
| Portland Bill ... ... | b-bc | b-bc | b.bc | b.bc | 59 | 53 | • | - | - | - | - | • |
| Southampton (Calshot) | b-bc | bz | bm.b | b.bm | 59 | 50 | 48 | - | - | - | - | 9·2 |
| Dungeness ... ... | b-bc | b-bc | b.bc | bq | 64 | 51 | • | - | - | - | - | • |
| Jersey 7h } ... | b-bc | b | b.bc | bbw | 65 | 49 | • | - | - | - | - | 10·2 |
| Guernsey 1h } | | | | | | | | | | | | |

ISALLOBARS 15th October




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 2 | 14th 1000 | "Scotia" | S | 3 | 6 | 55 | 55 |
| 1 | " 1100 | Reindeer | ESE | 6 | 3 | 58 | 59 |
| 3 | 15th 0300 | Dieppe | SE | 3 | 0+ | 52 | 58 |

GENERAL INFERENCE.

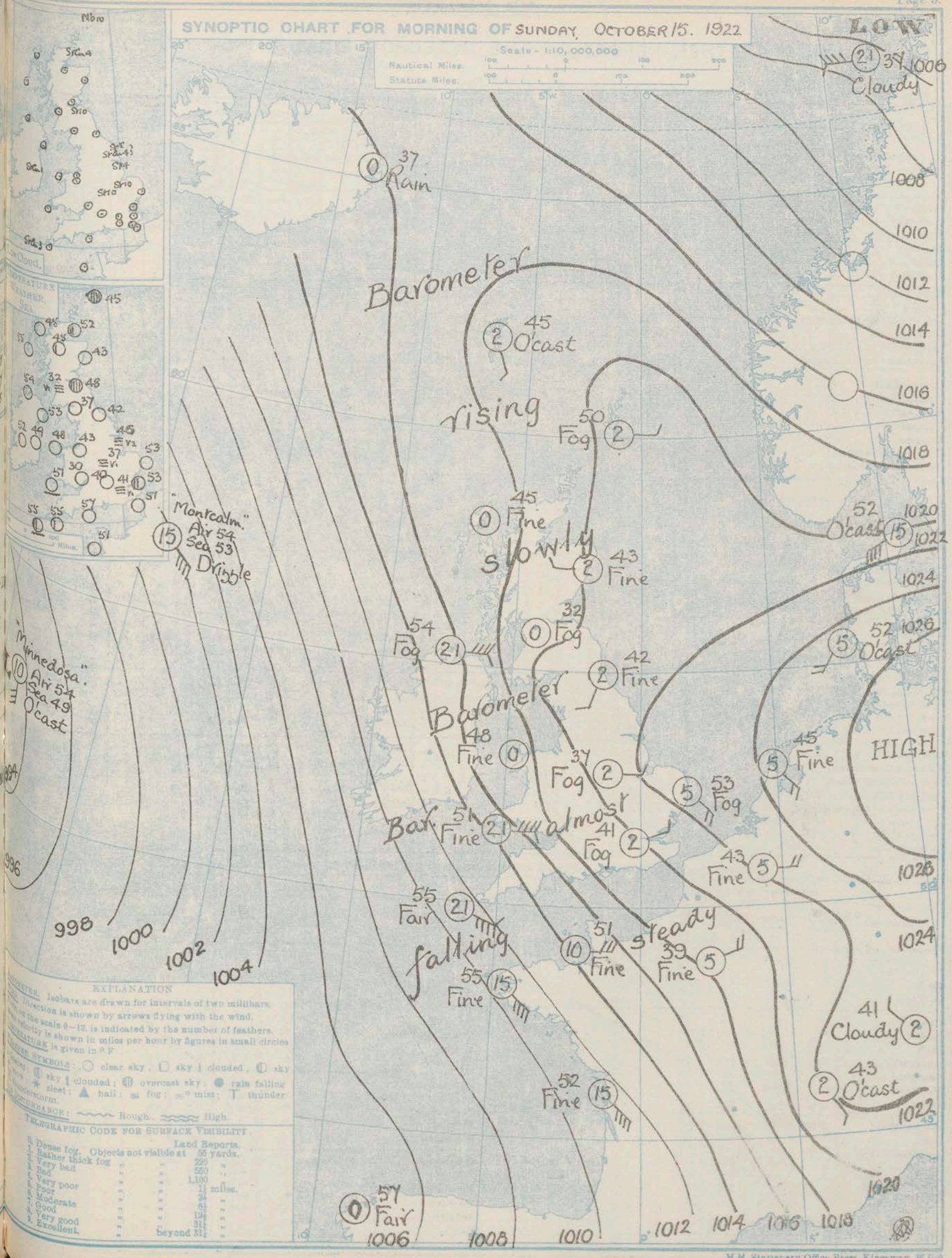
Pressure continues high over Germany and the Baltic area while the depression between Ireland and the Azores remains stationary. The dry southeasterly wind current will maintain fine weather with moderately high day temperature during the next day or two.

| Districts. | Forecasts for the 24 hours commencing 15 h. G.M.T. Sunday 15th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales | Wind SE, moderate or fresh, strong at times on the coasts; fine; rather mild during the day with good visibility; some mist or fog and ground frost inland at night. | Continuing fine in Eastern districts; outlook doubtful for the West. |
| 7. North Wales<br>8. N.W. England<br>9. N. Midlands | Wind SE, moderate; fine; rather mild during the day with good visibility, some mist or fog and ground frost inland at night. | |
| 10. N.E. England<br>11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | Wind SE to S, light or moderate; fair generally; mild during day, cold at night with some mist or fog. | |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | As for 1 to 6 | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.

# SYNOPTIC CHART FOR MORNING OF SUNDAY, OCTOBER 15. 1922




H.M. Stationery Office Press, Kingsway, W.C.2

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Page 4. BRITISH SECTION Sunday, 15th October 1922. No. 288

**Observations at 0100 G.M.T. 15**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1014.4 | +4 | - | 0 | 0 | 51 | 94 | 6 | - | - | 0 | A St | 10 | • |
| Stornoway ... ... | 1018.4 | +1 | SW | 3 | 0 | • | • | 5 | • | • | • | • | • | • |
| Wick ... ... ... | 1014.6 | +2 | SW | 3 | 0+ | 56 | 92 | 8 | 4000 | St Cu | 9 | - | 9 | • |
| Castlebay ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head ... ... | 1016.1 | 0 | ESE | 2 | b | 54 | 66 | 4 | - | - | 0 | - | 0 | • |
| Renfrew ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1019.4 | +1 | ENE | 1 | mb- | 51 | 94 | 6 | 4 | - | 0 | - | 0 | • |
| Leuchars ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth ... ... | 1020.9 | 0 | SSW | 1 | b | 49 | 92 | 6 | - | - | 0 | - | 0 | • |
| Blacksod Point ... | | | | | | | | | | | | | | • |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | 1014.1 | -2 | SE | 3 | b | 52 | 85 | 4 | - | - | 0 | - | 0 | • |
| Holyhead ... ... | 1014.1 | -2 | - | 0 | b | 51 | 94 | 9 | - | - | 0 | - | 0 | • |
| Liverpool (Bidston) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head ... ... | 1021.9 | -1 | SE | 2 | imb | 49 | 92 | 4 | - | - | 0 | - | 0 | • |
| Nottingham ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell ... ... | 1025.0 | 0 | SE'S | 1 | Fo+ | 42 | 94 | 1 | <150 | St | 10 | - | 10 | • |
| Gorleston ... ... | 1023.0 | 0 | SE'S | 3 | b | 53 | 92 | 6 | - | - | 0 | - | 0 | • |
| Valencia (Cahirciveen) | 1011.8 | -3 | SE'E | 3 | b | 54 | 92 | 8 | | | | | | • |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1014.0 | -1 | E | 4 | b | 52 | 85 | 4 | - | - | 0 | - | 0 | • |
| Ross-on-Wye ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Croydon ... ... | 1021.2 | -2 | SE'S | 2 | b | 45 | 92 | 5 | - | - | 0 | - | 0 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne ... ... | 1021.2 | -1 | E | 4 | b | 50 | 94 | 8 | - | - | 0 | - | 0 | • |
| Scilly (St. Mary's) ... | 1013.5 | -1 | ESE | 4 | b | 55 | 92 | 4 | - | - | 0 | - | 0 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1018.0 | 0 | ESE | 5 | b | 56 | 85 | 4 | - | - | 0 | - | 0 | • |
| Southampton (Calshot) | 1019.4 | -1 | E'N | 4 | b | 52 | 85 | 8 | - | - | 0 | - | 0 | • |
| Dungeness ... ... | 1021.5 | -1 | E | 3 | b | 55 | 94 | 4 | - | - | 0 | - | 0 | • |
| Jersey 7h } ... ... | 1016.2 | 0 | ESE | 5 | b | 54 | 85 | 6 | - | - | 0 | Ci St | 1 | • |
| Guernsey 1h } | | | | | | | | | | | | | | |

**Observations at 0700 G.M.T. 15**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1020.4 | +3 | E | 1 | FFo | 50 | 94 | 1 | 1500 | Ni | 10 | - | 10 | 0 |
| Stornoway ... ... | 1014.5 | +1 | - | 0 | mb- | 45 | 94 | 4 | - | - | 0 | - | 0 | 0 |
| Wick ... ... ... | 1019.3 | +1 | S | 2 | bc- | 52 | 94 | 4 | 5400 | St Cu | 4 | - | 4 | 0 |
| Castlebay ... ... | 1016.9 | 0 | E | 3 | mmb | 55 | 45 | 6 | - | - | 0 | - | 0 | 2 |
| Nairn ... ... ... | 1018.9 | • | • | 0 | b- | 45 | 92 | 8 | - | - | 0 | Ci | 2 | • |
| Aberdeen ... ... | 1020.5 | +2 | W | 1 | b- | 43 | 94 | 4 | - | - | 0 | - | 0 | 0 |
| Malin Head ... ... | 1015.1 | -1 | E | 3 | mmb | 54 | 85 | 5 | - | - | 0 | - | 0 | 2 |
| Renfrew ... ... | 1020.0 | 0 | - | 0 | FFb | 52 | 94 | 1 | - | - | 0 | - | 0 | • |
| Edinburgh (Inchkeith) | 1019.4 | +2 | NE | 1 | fo+ | 48 | 94 | 3 | • | St | 10 | - | 10 | 1 |
| Leuchars ... ... | 1019.8 | 0 | N | 1 | ffb | 38 | 94 | 2 | - | - | 0 | - | 0 | • |
| Eskdalemuir ... ... | 1020.9 | 0 | NNW | 2 | fb | 34 | 45 | 4 | - | - | 0 | - | 0 | • |
| Tynemouth ... ... | 1021.3 | +1 | SSW | 1 | b | 42 | 94 | 4 | - | - | 0 | - | 0 | 0 |
| Blacksod Point ... | | | | | | | | | | | | | | |
| Donaghadee ... ... | 1014.8 | 0 | SSE | 3 | mmb | 53 | 85 | 5 | - | - | 0 | - | 0 | 3 |
| Birr Castle ... ... | 1012.9 | • | ESE | 1 | b | 52 | 85 | 4 | 4000 | St Cu | 3 | - | 3 | • |
| Collinstown ... ... | 1016.4 | -1 | SSE | 1 | b | 49 | 92 | 6 | 5400 | St Cu | 1 | - | 1 | • |
| Holyhead ... ... | 1016.3 | 0 | - | 0 | b | 45 | 92 | 8 | - | - | 0 | - | 0 | 0 |
| Liverpool (Bidston) ... | 1018.2 | 0 | ESE | 4 | b | 43 | 85 | 3 | - | - | 0 | - | 0 | 4 |
| Chester (Shotwick) ... | 1019.2 | 0 | SE | 3 | b- | 38 | 94 | 2 | - | - | 0 | - | 0 | • |
| Spurn Head ... ... | 1022.0 | +1 | SE | 1 | fbc+ | 46 | 94 | 2 | 800 | St | 4 | - | 4 | 3 |
| Nottingham ... ... | 1020.9 | • | E | 1 | FFo | 34 | 94 | 1 | 225 | St | 10 | - | 10 | • |
| Cranwell ... ... | 1022.0 | 0 | ES | 1 | FFo | 38 | 94 | 1 | <150 | St | 10 | - | 10 | • |
| Gorleston ... ... | 1022.1 | -1 | SE | 2 | mb- | 53 | 92 | 5 | - | - | 0 | - | 0 | 1 |
| Valencia (Cahirciveen) | 1008.9 | -2 | SE'E | 4 | b | 56 | 94 | 8 | • | Cu | 2 | - | 2 | |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | 6 |
| Pembroke (St. Ann's H.) | 1015.4 | -1 | E | 5 | b | 51 | 85 | 4 | - | - | 0 | - | 0 | • |
| Ross-on-Wye ... ... | 1019.5 | -1 | - | 0 | FFb | 50 | 94 | 1 | <150 | St | 10 | - | 10 | • |
| Benson... ... ... | 1019.1 | 0 | - | 0 | b | 40 | 92 | 6 | - | - | 0 | - | 0 | • |
| Andover ... ... | 1019.2 | -1 | ESE | 3 | b | 40 | 94 | 4 | - | - | 0 | - | 0 | • |
| S. Farnborough ... | 1019.6 | 0 | - | 0 | FFo | 31 | 94 | 0 | <1500 | St | 10 | - | 10 | • |
| London (Kew Obsy.) ... | 1019.9 | +1 | ENE | 1 | fb- | 41 | 94 | 2 | - | - | 0 | - | 0 | • |
| Croydon ... ... | 1020.4 | 0 | EN | 1 | b | 38 | 94 | 1 | - | - | 0 | - | 0 | 0 |
| Clacton-on-Sea ... | 1020.8 | -1 | ESE | 4 | b | 53 | 85 | 6 | - | - | 0 | Ci St | 3 | 2 |
| Shoeburyness ... | 1021.2 | 0 | SE | 1 | mb- | 49 | 85 | 6 | - | - | 0 | - | 0 | • |
| Grain ... ... ... | 1020.0 | -1 | ESE | 3 | b | 44 | 92 | 6 | - | - | 0 | - | 0 | • |
| Lympne ... ... | 1020.6 | 0 | E | 3 | b | 44 | 85 | 6 | - | - | 0 | Ci | 1 | • |
| Scilly (St. Mary's) ... | 1010.8 | -1 | ESE | 4 | b | 55 | 85 | 4 | 4000 | Cu | 3 | - | 3 | 6 |
| Falmouth (Pendennis) | 1012.4 | -3 | ESE | 4 | b | 55 | 85 | 5 | - | - | 0 | Ci Cu | 1 | 2 |
| Plymouth (Cattewater) | | | | | | | | | | | | | | |
| Portland Bill ... ... | 1015.4 | -2 | ESE | 6 | b | 54 | 85 | 4 | - | - | 0 | - | 0 | 4 |
| Southampton (Calshot) | 1018.2 | -1 | ESE | 4 | b | 50 | 92 | 6 | - | - | 0 | A Cu | 1 | 0 |
| Dungeness ... ... | 1019.8 | -1 | SE | 3 | b | 51 | 85 | 8 | - | - | 0 | - | 0 | 4 |
| Jersey 7h } ... ... | 1014.3 | 0 | E | 3 | b | 51 | 45 | 8 | - | - | 0 | - | 0 | 3 |
| Guernsey 1h } | | | | | | | | | | | | | | |

**WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 14th Oct.**

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 13-14 °F. | Temperature. Max. Day. 14 °F. | Rainfall.† Night 17h.-9h. 13-14 mm. | Rainfall.† Day 9h.-17h. 14 mm. | | Sunshine. Sunrise to Sunset. 14 hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | oc | cbcb | 50 | 63 | 2.8 | - | | 0.2 |
| Montrose ... ... | | | 49 | 65 | - | - | | 3.3 |
| Llandudno ... ... | b | b | 45 | 70 | - | - | | 9.9 |
| Colwyn Bay ... | bc | bc | 44 | 69 | - | - | | 9.5 |
| Rhyl... ... ... | bc | bc | 46 | 67 | - | - | | 10.0 |
| Southport ... ... | b | b | 44 | 63 | - | - | | 8.1 |
| Blackpool ... ... | b | b | 46 | 62 | - | - | | 8.6 |
| Harrogate ... ... | f | mb | 37 | 59 | - | - | | 6.5 |
| Skegness ... ... | wb | b | 49 | 59 | - | - | | 9.3 |
| Aberystwyth ... | cbb | b | 49 | 68 | - | - | | 9.8 |
| Bath ... ... | b | b | 42 | 64 | - | - | | 9.5 |
| Leamington Spa ... | ofw | b | 32 | 63 | - | - | | 7.7 |
| Lowestoft ... ... | b | b | 52 | 60 | - | - | | 9.8 |
| Felixstowe ... ... | b | bm | 53 | 58 | - | - | | 9.6 |
| Southend ... ... | b | b | 48 | 60 | - | - | | 9.5 |

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 13-14 °F. | Temperature. Max. Day. 14 °F. | Rainfall.† Night 17h.-9h. 13-14 mm. | Rainfall.† Day 9h.-17h. 14 mm. | | Sunshine. Sunrise to Sunset. 14 hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton ... ... | b | bcb | 49 | 59 | - | - | | 9.7 |
| Ilfracombe ... ... | | | | | | | | 9.8 |
| Bude ... ... | wb | b | 50 | 65 | - | - | | 9.7 |
| Penzance ... ... | b | bz | 56 | 62 | - | - | | 9.4 |
| Falmouth Observatory | b | bz | 54 | 61 | - | - | | 9.7 |
| Torquay ... ... | b | b | 55 | 60 | - | - | | 9.6 |
| Weymouth ... ... | b | b | 55 | 60 | - | - | | 9.9 |
| Bournemouth ... | b | b | 48 | 60 | - | - | | 9.6 |
| Portsmouth (S'thsea) | b | b | 48 | 61 | - | - | | 10.0 |
| Worthing ... ... | b | b | 49 | 59 | - | - | | 9.5 |
| Brighton ... ... | b | b | 49 | 62 | - | - | | 9.8 |
| Eastbourne ... ... | bb | b | 52 | 60 | - | - | | 10.9 |
| Hastings ... ... | b | b | 51 | 59 | - | - | | 9.8 |
| Folkestone ... ... | b | b | 49 | 58 | - | - | | 9.3 |
| Tunbridge Wells ... | b | b | 44 | 62 | - | - | | 9.5 |
| Ramsgate ... ... | b | b | 49 | 57 | - | - | | 9.3 |
| Margate ... ... | b | b | 47 | 59 | - | - | | 9.5 |
| Deal ... ... ... | bb | bbm | 49 | 59 | - | - | | |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 22,243 MONDAY, 16th OCTOBER 1922. 

Observations at 1300 G.M.T. 15th

| Stations | Barom. at M.S.L. (m.b) | Change in 3 Hours.‡ | Wind Direc. | Wind Force (0-12) | Weather. | Temp. °F. | Humidity. % | Visibility.§ (0-9) | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. (0-10) | Upper Form. | Total Amt. (0-10) | Sea. (0-9) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1023·0 | +2 | E | 1 | if₀ | 50 | 94 | 3 | 1500 | Nb | 10 | - | 10 | • |
| Stornoway | 1017·2 | 0 | - | 0 | b | 61 | 85 | 8 | - | - | 0 | - | 0 | • |
| Wick | 1019·8 | 0 | - | 0 | b | 56 | 85 | 6 | - | - | 0 | - | 0 | • |
| Castlebay | 1016·4 | 0 | E | 4 | mmb | 60 | 65 | 6 | - | - | 0 | - | 0 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1020·6 | 0 | S'W | 2 | b | 60 | 65 | 6 | - | - | 0 | - | 0 | • |
| Malin Head | 1014·4 | -1 | E | 4 | mb | 59 | 75 | 5 | - | - | 0 | A Cu | 1 | • |
| Renfrew | 1018·8 | -2 | NE | 3 | b | 60 | 65 | 5 | - | - | 0 | - | 0 | • |
| Edinburgh (Inchkeith) | 1019·4 | -1 | ENE | 2 | Ffb | 49 | 94 | 1 | - | - | 0 | - | 0 | • |
| Leuchars | 1020·0 | 0 | - | 0 | mb | 53 | 94 | 4 | - | - | 0 | - | 0 | • |
| Eskdalemuir | 1017·8 | 0 | SSE | 3 | b | 64 | 55 | 4 | - | - | 0 | - | 0 | • |
| Tynemouth | 1021·0 | 0 | SSE | 1 | mb | 53 | 92 | 5 | - | - | 0 | - | 0 | • |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1014·0 | 0 | SE | 3 | mb | 54 | 85 | 6 | - | - | 0 | - | 0 | • |
| Birr Castle | 1011·5 | • | ESE | 2 | bc* | 62 | 75 | 8 | 4000 | StCu | 4 | Ci | 6 | • |
| Collinstown | 1015·4 | -2 | E'N | 4 | b | 60 | 75 | 6 | - | - | 0 | A St | 1 | • |
| Holyhead | 1015·0 | -2 | ENE | 2 | b | 62 | 75 | 8 | - | - | 0 | - | 0 | • |
| Liverpool (Bidston) | 1017·6 | -1 | SE | 3 | b | 58 | 55 | 6 | - | - | 0 | - | 0 | • |
| Chester (Shotwick) | 1015·5 | -1 | ESE | 4 | b | 61 | 55 | 6 | - | - | 0 | - | 0 | • |
| Spurn Head | 1020·9 | -2 | ESE | 2 | b | 54 | 92 | 6 | - | - | 0 | - | 0 | • |
| Nottingham | 1019·6 | • | ENE | 2 | b | 54 | 75 | 4 | - | - | 0 | - | 0 | • |
| Cranwell | 1020·4 | -1 | E'S | 3 | b/m | 59 | 75 | 6 | - | - | 0 | - | 0 | • |
| Gorleston | 1021·6 | -1 | SE | 2 | b | 58 | 85 | 4 | - | - | 0 | - | 0 | • |
| Valencia (Cahirciveen) | 1008·2 | -1 | SE'E | 4 | o+ | 61 | 85 | 7 | - | - | 0 | CiCu | 9 | • |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1011·9 | -3 | E | 3 | b | 58 | 65 | 4 | - | - | 0 | - | 0 | • |
| Ross-on-Wye | 1016·9 | -3 | E | 2 | b | 58 | 60 | 6 | - | - | 0 | - | 0 | • |
| Benson | 1017·5 | -3 | E | 3 | b | 62 | 65 | 6 | - | - | 0 | - | 0 | • |
| Andover | 1014·0 | -2 | E | 4 | b | 60 | 75 | 5 | - | - | 0 | - | 0 | • |
| S. Farnborough | 1017·5 | -2 | E | 3 | b/f | 63 | 55 | 6 | - | - | 0 | - | 0 | • |
| London (Kew Obsy.) | 1018·1 | -3 | E'N | 4 | b | 58 | 65 | 4 | - | - | 0 | - | 0 | • |
| Croydon | 1018·4 | -2 | NE'E | 3 | b | 57 | 75 | 6 | - | - | 0 | - | 0 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1020·0 | -1 | E'S | 4 | b | 56 | 75 | 6 | - | - | 0 | - | 0 | • |
| Grain | 1019·4 | -1 | E | 4 | b | 55 | 75 | 6 | - | - | 0 | - | 0 | • |
| Lympne | 1017·4 | -4 | ENE | 3 | b | 54 | 65 | 4 | - | - | 0 | | | • |
| Scilly (St. Mary's) | 1009·1 | -1 | ESE | 5 | bc+ | 59 | 85 | 4 | 4000 | StCu | 3 | - | 5 | • |
| Falmouth (Pendennis) | 1011·2 | -2 | E | 4 | b | 54 | 85 | 4 | - | - | 0 | CiCu | 1 | • |
| Plymouth (Cattewater) | 1012·4 | 0 | E | 5 | b | 59 | 75 | 4 | - | - | 0 | - | 0 | • |
| Portland Bill | 1014·1 | -2 | ENE | 4 | b | 58 | 85 | 4 | - | - | 0 | - | 0 | • |
| Southampton (Calshot) | 1016·6 | -3 | ESE | 4 | b | 58 | 75 | 6 | - | - | 0 | - | 0 | • |
| Dungeness | 1018·6 | -1 | E | 4 | b | 56 | 75 | 4 | - | - | 0 | - | 0 | • |
| Jersey 7h / Guernsey 1h | 1011·8 | -1 | E | 4 | b | 62 | 65 | 8 | - | - | 0 | - | 0 | • |

Observations at 1800 G.M.T. 15th

| Stations | Barom. at M.S.L. (m.b) | Change in 3 Hours.‡ | Wind Direc. | Wind Force (0-12) | Weather. | Temp. °F. | Humidity. % | Visibility.§ (0-9) | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. (0-10) | Upper Form. | Total Amt. (0-10) | Sea. (0-9) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1024·1 | +2 | ESE | 2 | ro- | 49 | 97 | 6 | 3500 | Nb | 10 | - | 10 | 1 |
| Stornoway | 1016·6 | 0 | - | 0 | b- | 49 | 97 | 7 | - | - | 0 | - | 0 | 0 |
| Wick | 1020·0 | +2 | ESE | 2 | b+ | 52 | 97 | 6 | 225 | St | 2 | - | 2 | 0 |
| Castlebay | 1016·0 | 0 | E | 4 | mmb | 58 | 65 | 6 | 4000 | StCu | 1 | - | 1 | 3 |
| Nairn | 1018·9 | • | - | 0 | b | 49 | 92 | 7 | - | - | 0 | - | 0 | • |
| Aberdeen | 1021·9 | +2 | S | 1 | b- | 49 | 97 | 4 | - | - | 0 | - | 0 | 0 |
| Malin Head | 1013·4 | -1 | SSE | 4 | mmb | 55 | 65 | 5 | - | - | 0 | ACu | 2 | 2 |
| Renfrew | 1018·2 | 0 | E | 2 | b | 55 | 75 | 4 | - | - | 0 | - | 0 | • |
| Edinburgh (Inchkeith) | 1019·3 | -1 | NE | 3 | mb- | 53 | 85 | 6 | - | St | 10 | - | 10 | 2 |
| Leuchars | 1020·3 | +2 | E | 2 | mb+ | 47 | 97 | 5 | - | - | 0 | - | 0 | • |
| Eskdalemuir | 1019·7 | 0 | N | 2 | b | 47 | 65 | 7 | - | - | 0 | - | 0 | • |
| Tynemouth | 1021·2 | 0 | S | 2 | o/f | 51 | 97 | 5 | 9000 | StCu | 10 | - | 10 | 0 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1015·9 | -1 | SSE | 3 | b/f | 57 | 75 | 7 | - | - | 0 | - | 0 | 3 |
| Birr Castle | 1011·6 | • | ESE | 1 | bc | 51 | 85 | 6 | 2500 | ? | 2 | ACu | 4 | • |
| Collinstown | 1014·7 | 0 | E'N | 2 | mb | 50 | 92 | 5 | 4000 | StCu | 2 | - | 2 | • |
| Holyhead | 1013·9 | 0 | E'N | 4 | b | 56 | 75 | 7 | - | - | 0 | - | 0 | 2 |
| Liverpool (Bidston) | 1017·1 | 0 | ESE | 3 | b | 55 | 65 | 3 | - | - | 0 | - | 0 | 3 |
| Chester (Shotwick) | 1017·3 | -1 | SE | 3 | b | 51 | 85 | 4 | - | - | 0 | - | 0 | • |
| Spurn Head | 1020·0 | 0 | SE'E | 3 | b | 52 | ? | 6 | - | - | 0 | - | 0 | 3 |
| Nottingham | 1019·0 | • | ENE | 2 | b | 52 | 85 | 6 | - | - | 0 | - | 0 | • |
| Cranwell | 1020·2 | -1 | ENE | 3 | mb | 52 | 92 | 5 | - | - | 0 | - | 0 | • |
| Gorleston | 1020·5 | -1 | E'N | 4 | b | 53 | 85 | 7 | - | - | 0 | - | 0 | 0 |
| Valencia (Cahirciveen) | 1006·7 | 0 | SW | 5 | bcPR | 59 | ? | 8 | - | St | 6 | - | 6 | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1012·0 | -1 | E | 5 | b | 58 | 65 | 7 | - | - | 0 | - | 0 | 5 |
| Ross-on-Wye | 1016·0 | -1 | E | 1 | b | 53 | 85 | 6 | - | - | 0 | - | 0 | • |
| Benson | 1016·5 | 0 | E | 1 | b | 53 | 65 | 6 | - | - | 0 | - | 0 | • |
| Andover | 1015·7 | -1 | ENE | 3 | b | 52 | 85 | 4 | - | - | 0 | - | 0 | • |
| S. Farnborough | 1016·8 | 0 | E | 3 | b+ | 51 | 85 | 6 | - | St | 1 | - | 1 | • |
| London (Kew Obsy.) | 1017·7 | 0 | E'N | 3 | mmb | 53 | 75 | 4 | - | - | 0 | - | 0 | • |
| Croydon | 1018·0 | +1 | ENE | 3 | b | 50 | 92 | 6 | - | - | 0 | - | 0 | • |
| Clacton-on-Sea | 1018·6 | -2 | ENE | 4 | b | 55 | 85 | 6 | - | - | 0 | Ci | 3 | 2 |
| Shoeburyness | 1018·5 | -1 | ENE | 3 | b | 52 | 85 | 6 | - | - | 0 | - | 0 | • |
| Grain | 1018·0 | -2 | ENE | 4 | b | 54 | 85 | 6 | - | - | 0 | Ci | 1 | 0 |
| Lympne | 1017·7 | 0 | ENE | 4 | b | 50 | 75 | 6 | - | - | 0 | CiSt | 1 | • |
| Scilly (St. Mary's) | 1008·9 | -1 | ESE | 4 | bc | 59 | 92 | 6 | 4000 | StCu | 6 | - | 6 | 6 |
| Falmouth (Pendennis) | 1010·0 | -4 | E | 7 | b | 56 | 92 | 7 | 4000 | Cu | 1 | CiCu | 2 | 2 |
| Plymouth (Cattewater) | 1014·9 | -1 | E | 6 | b | 56 | 75 | 6 | - | - | 0 | - | 0 | 6 |
| Portland Bill | 1013·0 | -2 | E | 7 | b | 57 | 85 | 7 | - | - | 0 | - | 0 | 6 |
| Southampton (Calshot) | 1011·6 | 0 | E | 8 | b- | 55 | 85 | 7 | 2500 | StCu | 1 | - | 1 | 0 |
| Dungeness | 1015·0 | -1 | E | 4 | b | 56 | 85 | 7 | - | - | 0 | - | 0 | 4 |
| Jersey 7h / Guernsey 1h | 1010·9 | -1 | E | 4 | b | 61 | 75 | 8 | - | - | 0 | - | 0 | 3 |

London Observations*

24 Hours ended 0900 G.M.T. 16th

| Station | Weather Morning | Weather Afternoon | Weather Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. (Yesterday) | Humidity 15h. G.M.T. % (Yesterday) | Humidity 9h. G.M.T. % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | bfwzw | 2bsbmw | bmbwsw | • | • | 37 | Tr. | Tr. | 8.5 | • | • |
| Croydon {24 hours ended 0700} | bmg | bzm | bmwswm | • | • | 28 | - | Tr. | 9.7 | • | • |
| Greenwich (Royal Obsy.) | b | b | bw | 59 | 44 | 35 | - | Tr. | 8.6 | 66 | 78 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 7.8 | • | • |
| Westminster (St. James' Pk.) | bmbm | bm | bm | 61 | 47 | • | - | - | 8.7 | 71 | 76 |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 7.5 | • | • |
| Camden Square | bw | bc/ | • | 62 | 49 | 37 | - | - | • | • | 20 |
| Kensington Palace | b | b | • | 60 | 46 | 38 | - | 0.2 | • | 79(18h) | 84 |
| Hampstead Observatory | • | • | • | • | • | • | • | • | 9.1 | • | • |

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre

24 Hr. ended 1800 G.M.T. 15th

| South Kensington Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

| Kew Observatory Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ............ joules

Average Rate ............ Milliwatts.

Maximum Rate ............ Milliwatts.

Pole Star Record at Greenwich Obsy.

Exposure from 15th 18 h 00 m. to 16th 05 h 30 m.

| Stars. | Exposure. h. m. | Record. h. m. | % |
|---|---|---|---|
| Polaris | 11.30 | 11.30 | 100 |
| δ Ursae Minoris | 11.30 | 11.30 | 100 |

Radio Disturbances (Atmospherics) at Croydon.†

| Date | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| [illegible] | C | 4 | - | 145 |
| [illegible] | C | 4 | - | 130 |
| [illegible] | CC | 5 | - | 15 |
| [illegible] | C | 4 | ~ | ~ |

Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom. 16th & 14th Oct. 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6·22 / 6·23 | 11·39 / 11·38 | 4·55 / 4·55 |
| Greenwich | 6·17 / 6·28 | 11·46 / 11·45 | 5·4 / 5·2 |
| Wick | 6·52 / 6·54 | 11·54 / 11·56 | 5·5 / 5·1 |
| Valencia | 7·9 / 7·10 | 12·27 / 12·26 | 5·44 / 5·41 |

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, „ 200—1000 m.
F thick fog „ less than 200 m.
jp precipitation within sight of station.
p passing showers. r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—

R = heavy rain.
rr = continuous moderate rain.
$r_o r_o$ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.

0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

† For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

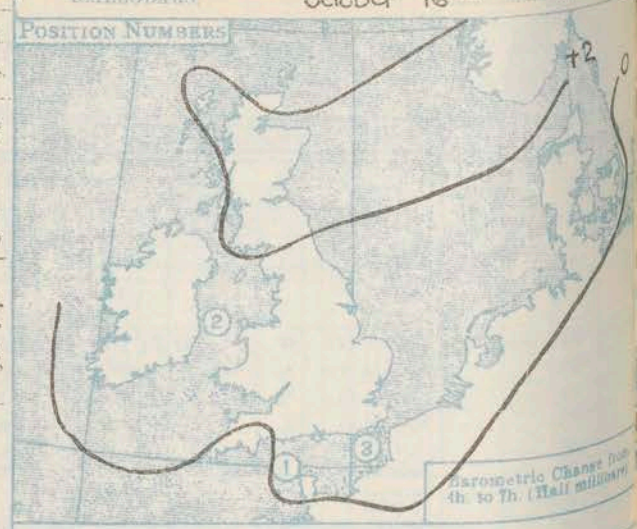
M.O. Form 2370.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 15h. | 13h.-18h. 15h. | 18h. 15h. to 1h. 16h. | 1h.-7h. 16h. | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL. Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | fd | fd | c | b | 52 | 46 | • | 0.2 | 0.1 | 09.00 | 42.00 | • |
| Stornoway ... ... | f b.b | b | bbc | b | 64 | 50 | • | - | - | - | - | 7.8 |
| Wick ... ... ... | f-m | bm | bbc | c | 56 | 47 | • | - | - | - | - | • |
| Castlebay ... ... | bm.f | bm.f | bfm | b | 60 | 54 | • | - | - | - | - | 3.2 |
| Nairn ... ... ... | bw | | bxm | bxm | 55 | 32 | • | - | - | - | - | 8.0 |
| Aberdeen ... ... | b.bm | bmmw | mff | c | 60 | 46 | 33 | - | - | - | - | 5.3 |
| Malin Head ... ... | f | f | w | form | 59 | 52 | | - | - | - | - | 9.4 |
| Renfrew ... ... | bf/z | bcfm | bmw | bmfbb | 61 | 45 | 40 | - | Trace | - | 06.30 | 6.2 |
| Edinburgh (Inchkeith) | ff | ffm | b | b | 56 | 47 | 41 | Trace | Trace | - | 06.30 | 7.6 |
| Leuchars ... ... | bcf | f-m | bm | bm | 55 | 47 | 41 | - | - | - | - | 4.2 |
| Eskdalemuir ... ... | b.bc | by | bbc | bbc | 63 | 34 | 7 | - | - | - | - | 9.6 |
| Tynemouth ... ... | bf/m | bcffm | cif | offf | 54 | 44 | 43 | - | - | - | - | • |
| Blackrod Point ... | | | | | | | • | | • | | | • |
| Donaghadee ... ... | bm | bm | bmq | bmq | 53 | 52 | • | - | - | - | - | • |
| Birr Castle ... ... | cb3 | cbbc3 | bc3 | bbc | 63 | 47 | 35 | - | - | - | - | • |
| Collinstown ... ... | b.bcz | bz | bbc | bbmm | 61 | 45 | • | - | - | - | - | 9.7 |
| Holyhead ... ... | b | b | bb | bb | 65 | 50 | 41 | - | - | - | - | 9.6 |
| Liverpool (Bidston) ... | b.bc | b.bc | bmf | bfefe | 60 | 43 | 38 | - | - | - | - | 9.3 |
| Chester (Shotwick) ... | bf.bx | bzbm | bff | | 60 | 33 | 26 | - | Trace | - | - | • |
| Spurn Head ... ... | b.bc | bmw | bbc | bw | 57 | 51 | • | Trace | 0.2 | - | - | 6.0 |
| Nottingham ... ... | f.m | b.bc | b | o | 59 | 44 | 36 | - | - | - | - | 5.4 |
| Cranwell ... ... | fm | bm | bfm | mfe | 61 | 43 | 35 | - | 0.6 | - | - | 5.5 |
| Gorleston ... ... | bm.b3 | b.bc | bbc | bbc | 58 | 53 | 48 | - | - | - | - | 9.0 |
| Valencia (Cahirciveen) | c | b | b | | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | b.bc | bqz | b3 | b3 | 59 | 49 | • | - | - | - | - | 7.7 |
| Ross-on-Wye ... ... | Fbz | bz | bmbw | wc | 61 | 43 | 38 | - | - | - | - | 6.0 |
| Benson... ... ... | b | b | b | bw | 63 | 46 | 37 | - | Trace | - | - | • |
| Andover ... ... | bm | bm | bmbcco | om | 62 | 44 | 33 | - | 0.1 | - | - | 4.1 |
| S. Farnborough ... | of bfzy | bzybm | bwm | | 65 | 41 | 32 | - | Trace | - | - | 8.6 |
| London (Kew Obsy.) ... | bfwbzw | zwbm | bm | bwwbw | 59 | 46 | 37 | Trace | Trace | - | - | 8.5 |
| Croydon ... ... | bmz | bzm | bmwbm | bmwbm | 61 | 37 | 28 | - | Trace | - | - | 9.7 |
| Clacton-on-Sea ... | bcbz | bbc | bc3b | bbc | 57 | 52 | 49 | - | - | - | - | 9.1 |
| Shoeburyness ... ... | b | bw | bw | bw | 57 | 48 | 44 | Trace | Trace | - | - | 9.9 |
| Grain ... ... ... | bw.b | b | bbm | bmbw | 55 | 45 | 44 | - | Trace | - | - | 9.9 |
| Lympne ... ... | b | bbc | bbc | bbc | 57 | 46 | 39 | - | - | - | - | 9.9 |
| Scilly (St. Mary's) ... | bcq | bccmq | bcq | bmq | 59 | 53 | • | - | - | - | - | 4.0 |
| Falmouth (Pendennis) | cm | bm | bcm | | 57 | 55 | • | - | - | - | - | 8.7 |
| Plymouth (Cattewater) | c | bbz | b | b | 60 | 54 | 49 | - | - | - | - | 9.2 |
| Portland Bill ... ... | b.bc | bbc | bbc | bbco | 59 | 52 | • | - | - | - | - | • |
| Southampton (Calshot) | bwz | bbc | bb | bbcm | 59 | 47 | 45 | - | - | - | - | 8.3 |
| Dungeness ... ... | b.bc | bbc | bbc | bbc | 57 | 48 | • | - | - | - | - | • |
| Jersey 7h. ... | b | b | bbc | bw | 64 | 43 | • | - | - | - | - | 9.9 |
| Guernsey 1h. | | | | | | | | | | | | |

ISALLOBARS. October 16th.

POSITION NUMBERS




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea. | Visibility. |
|---|---|---|---|---|---|---|---|---|
| 2 | 15th. 10h. | Scotia | E | 3 | b | 57 | 56 | 9 |
| 3 | 16th. 3h. | Arundel | ESE | 5 | b | 52 | 57 | 7 |

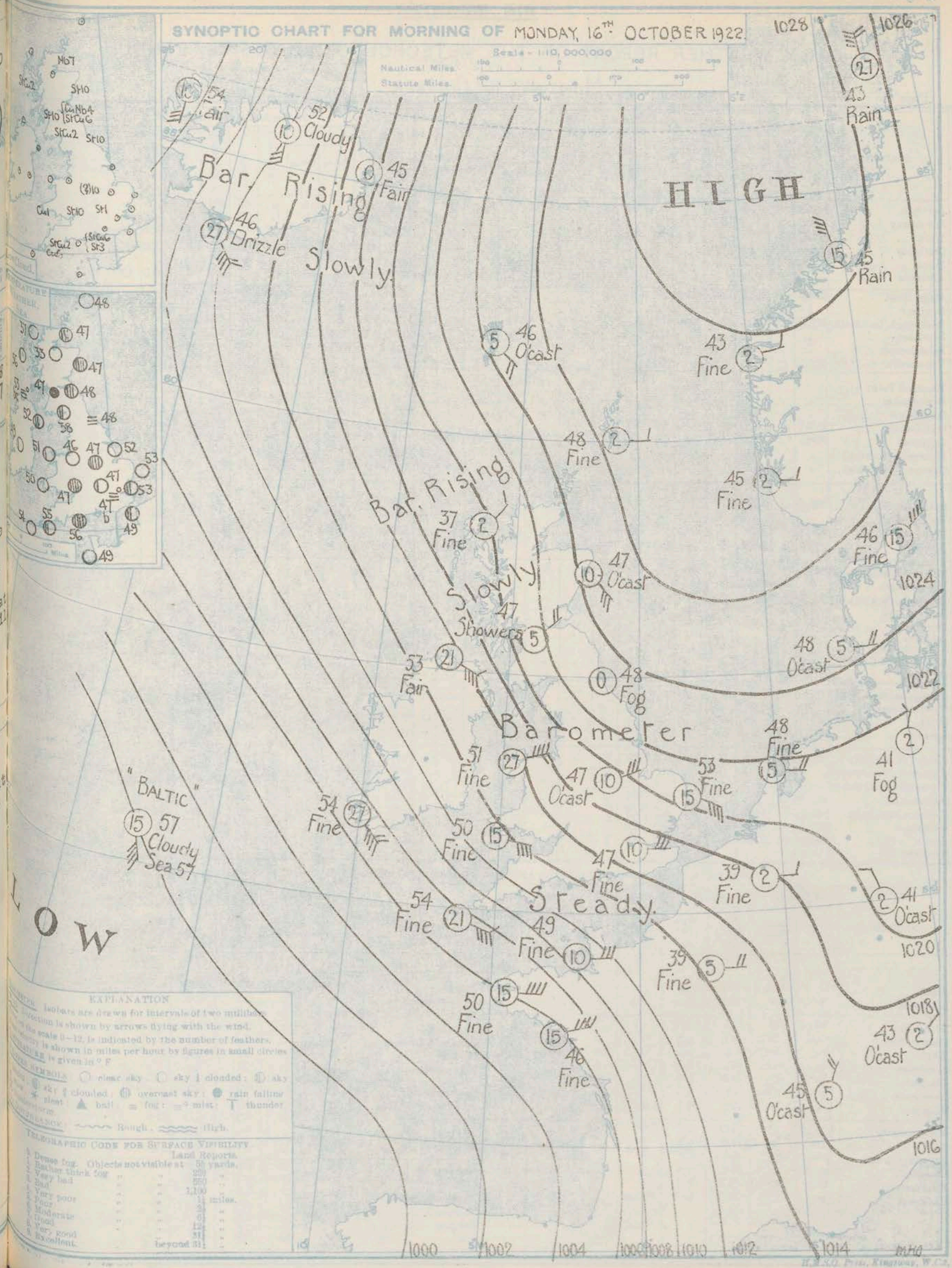
GENERAL INFERENCE.

The anticyclone has moved northwestward and now covers southern Scandinavia and the Northern North Sea. Winds will be southeasterly in Scotland and easterly elsewhere. Weather is likely to continue fair in most districts for the next 24 hours at least, but the day temperature will be lower than of late.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 16th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands | Wind easterly moderate or fresh; fine; some mist at night, day visibility good; rather cold. | Continuing dry but colder generally. |
| 5. S.W. England | Wind easterly fresh to strong; fine; rather cold. | |
| 6. South Wales<br>7. North Wales | As for 1 - 4. | |
| 8. N.W. England<br>9. N. Midlands<br>10. N.E. England<br>11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | Wind E. to S.E. moderate; fair generally; mist in places; rather cold. | |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Wind E to S.E. moderate or fresh; fair generally; visibility mainly good; rather cold. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.30 G. C. SIMPSON, F.R.S., Director.

For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF MONDAY, 16TH OCTOBER 1922.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
HIGH
LOW
"BALTIC"
Bar. Rising Slowly
Bar. Rising Slowly
Barometer Steady.
1028
1026
1024
1022
1020
1018
1016
1014
1012
1010
1008
1006
1004
1002
1000
54 Fair
52 Cloudy
45 Fair
46 Drizzle
43 Rain
45 Rain
46 O'cast
43 Fine
48 Fine
45 Fine
37 Fine
47 O'cast
46 Fine
47 Showers
48 O'cast
53 Fair
48 Fog
48 Fine
41 Fog
51 Fine
47 O'cast
53 Fine
54 Fine
50 Fine
47 Fine
39 Fine
41 O'cast
54 Fine
49 Fine
39 Fine
50 Fine
46 Fine
43 O'cast
45 O'cast
57 Cloudy Sea 57
EXPLANATION
Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind.
Velocity is shown in miles per hour by figures in small circles.
Temperature is given in ° F
Cloud symbols: clear sky; sky ¼ clouded; sky ½ clouded; overcast sky; rain falling; sleet; hail; fog; mist; thunder
Rough; High.
TELEGRAPHIC CODE FOR SURFACE VISIBILITY
Land Reports.
0. Dense fog. Objects not visible at 55 yards.
1. Rather thick fog " " 220 "
2. Very bad " " 550 "
3. Bad " " 1,100 "
4. Very poor " " ¼ miles.
5. Poor " " ½ "
6. Moderate " " 1 "
7. Good " " 2 "
8. Very good " " 5 "
9. Excellent. beyond 5 "
H.M.S.O. Pub. Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE LONDON:

 BRITISH SECTION Monday, 16th October 1922. No. 289.

### Observations at 0100 G.M.T. 16th

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.† | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1026·3 | +2 | ESE | 3 | b | 53 | 92 | 7 | 4000 | StCu | 2 | ASt | 9 | . |
| Stornoway ... ... | 1022 | +2 | – | 0 | b | . | . | 6 | . | . | . | . | . | . |
| Wick ... ... ... | 1022·3 | +2 | SE | 2 | b | 50 | 92 | 7 | – | – | 0 | – | 0 | . |
| Castlebay ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Nairn ... ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Aberdeen ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Malin Head ... ... | 1014·8 | -3 | ESE | 4 | mbr | 54 | 85 | 6 | | | 0 | – | 0 | . |
| Renfrew ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Edinburgh (Inchkeith) | 1021·3 | +3 | E | 2 | b/m | 48 | 92 | 7 | – | . | 0 | – | 0 | . |
| Leuchars ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Eskdalemuir ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Tynemouth ... ... | 1023·6 | 0 | S | 1 | b | 50 | 97 | 8 | – | – | 0 | ASt | 2 | . |
| Blacksod Point ... | | | | | | | | | | | | | | . |
| Donaghadee ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Birr Castle ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Collinstown ... ... | 1015·7 | 0 | – | 0 | b | 49 | 92 | 6 | – | – | 0 | – | 0 | . |
| Holyhead ... ... | 1014·7 | +1 | E'N | 3 | b | 54 | 78 | 8 | – | – | 0 | – | 0 | . |
| Liverpool (Bidston) ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Chester (Shotwick) ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Spurn Head ... ... | 1020·4 | 0 | SE'S | 3 | b | 52 | 92 | 7 | – | – | 0 | – | 0 | . |
| Nottingham ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Cranwell ... ... | 1020·5 | 0 | E'N | 3 | mb | 48 | 97 | 4 | – | – | 0 | – | 0 | . |
| Gorleston ... ... | 1020·1 | 0 | SE'S | 4 | b | 54 | 85 | 7 | – | . | 0 | – | 0 | . |
| Valencia (Cahirciveen) | 1017·5 | 0 | E | 3 | b | 54 | 92 | 8 | – | St | 1 | – | 1 | . |
| Roches Point ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Pembroke (St. Ann's H.) | 1012·3 | 0 | E | 3 | b | 52 | 95 | 6 | – | – | 0 | – | 0 | . |
| Ross-on-Wye ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Benson... ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Andover ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| S. Farnborough ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| London (Kew Obsy.) ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Croydon ... ... | 1017·4 | 0 | – | 0 | mb | 45 | 97 | 5 | – | – | 0 | – | 0 | . |
| Clacton-on-Sea ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Shoeburyness ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Grain ... ... ... | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Lympne ... ... | 1017·0 | 0 | E | 4 | b | 48 | 97 | 7 | – | – | 0 | – | 0 | . |
| Scilly (St. Mary's) ... | 1015·6 | 0 | ESE | 4 | b | 55 | 92 | 7 | – | – | 0 | – | 0 | . |
| Falmouth (Pendennis) | | | | | | | | | | | | | | . |
| Plymouth (Cattewater) | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Portland Bill ... ... | 1024 | 0 | E | 7 | b | 56 | 85 | 7 | – | – | 0 | – | 0 | . |
| Southampton (Calshot) | 1014·8 | -1 | ENE | 5 | b | 52 | 95 | 7 | – | – | 0 | – | 0 | . |
| Dungeness ... ... | 1015·4 | +1 | ESE | 4 | b | 52 | 92 | 7 | – | – | 0 | – | 0 | . |
| Jersey -7h ... ... | 1022 | 0 | ESE | 5 | mb | 53 | 92 | 7 | – | – | 0 | – | 0 | . |
| Guernsey 1h | | | | | | | | | | | | | | |

### Observations at 0700 G.M.T. 16th

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.† | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1027·0 | 0 | E | 1 | b | 48 | 85 | 7 | – | – | 0 | – | 0 | 0 |
| Stornoway ... ... | 1019·7 | +3 | NE | 1 | b | 37 | 97 | 6 | – | – | 0 | – | 0 | 4 |
| Wick ... ... ... | 1023·5 | +1 | SE | 5 | c | 47 | 97 | 7 | 4000 | Nb | 7 | – | 7 | 3 |
| Castlebay ... ... | 1018·2 | +1 | E | 4 | b | 56 | 65 | 8 | 4000 | StCu | 1 | – | 2 | . |
| Nairn ... ... ... | 1022·2 | . | – | 0 | b/m | 33 | 92 | 7 | – | – | 0 | – | 0 | 0 |
| Aberdeen ... ... | 1025·2 | +3 | SE | 3 | b | 47 | 97 | 6 | 1500 | St | 10 | – | 10 | . |
| Malin Head ... ... | 1015·1 | 0 | SSE | 5 | mbc | 53 | 65 | 6 | – | – | 0 | AcCu | 4 | 4 |
| Renfrew ... ... | 1021·9 | +2 | NE | 2 | c/p | 47 | 92 | 5 | 1500 | St | 10 | – | 10 | . |
| Edinburgh (Inchkeith) | 1022·8 | +2 | E | 3 | o/1 | 48 | 92 | 7 | – | CuNb | 10 | – | 10 | . |
| Leuchars ... ... | 1023·5 | +2 | NNE | 2 | 0 | 48 | 92 | 6 | 2500 | StCu | 9 | – | 9 | . |
| Eskdalemuir ... ... | 1020·0 | +2 | NE'N | 3 | bc | 38 | 97 | 5 | 4000 | StCu | 2 | CiSt | 4 | 1 |
| Tynemouth ... ... | 1022·2 | +1 | – | 0 | Ffo | 48 | 97 | 1 | 2500 | St | 10 | – | 10 | . |
| Blacksod Point ... | | | | | | | | | | | | | | . |
| Donaghadee ... ... | 1017·7 | +1 | ESE | 4 | bc | 52 | 85 | 8 | – | – | 0 | CiCu | 5 | 3 |
| Birr Castle ... ... | 1012·3 | . | ESE | 2 | b | 48 | 78 | 6 | – | – | 0 | AcCu | 2 | . |
| Collinstown ... ... | 1015·9 | 0 | ENE | 3 | b | 50 | 92 | 6 | – | – | 0 | Ci | 1 | 4 |
| Holyhead ... ... | 1014·8 | 0 | ENE | 6 | b | 51 | 92 | 8 | – | – | 0 | ASt | 2 | 2 |
| Liverpool (Bidston) ... | 1018·1 | 0 | SE'E | 1 | bf | 46 | 92 | 3 | – | – | 0 | – | 0 | . |
| Chester (Shotwick) ... | 1018·4 | 0 | – | 0 | Ffb | 35 | 97 | 0 | – | – | 0 | – | 0 | |
| Spurn Head ... ... | 1020·4 | 0 | E | 3 | b | 52 | 97 | 6 | – | – | 0 | – | 0 | 3 |
| Nottingham ... ... | 1019·0 | . | ENE | 3 | o | 47 | 97 | 5 | 1500 | St | 10 | – | 10 | . |
| Cranwell ... ... | 1020·4 | 0 | NE | 3 | Ffo | 45 | 97 | 2 | – | – | 0 | Ci | 1 | . |
| Gorleston ... ... | 1020·4 | 0 | E'S | 4 | b | 53 | 85 | 6 | – | – | 0 | – | 0 | 4 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | | | | | | | | | | | | | | 4 |
| Pembroke (St. Ann's H.) | 1012·6 | 0 | E'S | 4 | b | 50 | 85 | 7 | 4000 | Cu | 1 | – | 1 | . |
| Ross-on-Wye ... ... | 1010·7 | 0 | ENE | 3 | o | 47 | 92 | 6 | 500 | St | 10 | – | 10 | . |
| Benson... ... ... | 1016·0 | 0 | ENE | 3 | b | 47 | 95 | 6 | – | St | 10 | – | 2 | . |
| Andover ... ... | 1014·9 | +1 | ESE | 4 | mb | 45 | 97 | 4 | 500 | St | 10 | – | 10 | . |
| S. Farnborough ... | 1016·0 | 0 | – | 0 | mb | 48 | 97 | 4 | – | – | 0 | – | 0 | . |
| London (Kew Obsy.) ... | 1017·1 | +1 | E'N | 3 | mb | 47 | 85 | 5 | – | – | 0 | Ci | 2 | . |
| Croydon ... ... | 1017·4 | +1 | E | 3 | b | 46 | 92 | 6 | – | – | 0 | Ci | 1 | . |
| Clacton-on-Sea ... | 1017·5 | 0 | E | 3 | bc | 53 | 95 | 7 | – | – | 0 | Ci | 4 | 2 |
| Shoeburyness ... ... | 1017·5 | 0 | N'E | 4 | b | 51 | 75 | 7 | – | – | 0 | Ci | 2 | 0 |
| Grain ... ... ... | 1017·4 | 0 | ESE | 4 | b | 49 | 85 | 6 | – | – | 0 | Ci | 2 | . |
| Lympne ... ... | 1016·3 | 0 | E'S | 4 | b | 46 | 85 | 6 | – | – | 0 | Ci | | |
| Scilly (St. Mary's) ... | 1007·2 | 0 | SSE | 3 | b | 54 | 97 | 6 | – | – | 0 | – | 0 | 6 |
| Falmouth (Pendennis) | 1008·0 | 0 | ENE | 3 | bc | 53 | 92 | 7 | 4000 | Ci | 6 | – | 6 | 2 |
| Plymouth (Cattewater) | 1010·5 | 0 | E | 4 | b | 54 | 92 | 7 | 2500 | StCu | 2 | – | 2 | 6 |
| Portland Bill ... ... | 1012·4 | -1 | ENE | 7 | o | 56 | 85 | 6 | – | – | 0 | ASt | 10 | 4 |
| Southampton (Calshot) | 1013·4 | +1 | ENE | 4 | o/b | 48 | 92 | 6 | 1500 | StCu | 9 | – | 9 | 4 |
| Dungeness ... ... | 1018·2 | 0 | E | 4 | bc | 49 | 92 | 7 | – | – | 0 | Ci | 4 | 4 |
| Jersey -7h ... ... | 1016·2 | 0 | E | 3 | b | 49 | 92 | 8 | – | – | 0 | – | 0 | 3 |
| Guernsey 1h | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 15th Oct.

| Stations. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night 14th-15th °F. | Temperature. Max. Day 15th °F. | Rainfall.† Night 17h.-9h. 14th-15th mm. | Rainfall.† Day 9h.-17h. 15th mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset 15th hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... | b | bz | 44 | 63 | – | – | | 9.3 |
| Montrose ... ... | * | * | 41 | 56 | 0.1 | – | | 8.5 |
| Llandudno ... | b | b | 44 | 57 | – | – | | 9.6 |
| Colwyn Bay ... | cb | cc | 42 | 67 | – | – | | 9.5 |
| Rhyl... ... | bc | bc | 45 | 65 | – | – | | 9.4 |
| Southport ... ... | b | mb | 43 | 63 | – | – | | 9.0 |
| Blackpool ... ... | b | b | 42 | 64 | – | – | | 8.5 |
| Harrogate ... ... | f | bm | 33 | 50 | – | – | | ? |
| Skegness ... ... | fb | b | 37 | 57 | – | – | | 4.5 |
| Aberystwyth ... | cbb | b | 50 | 67 | – | – | | 10.0 |
| Bath ... ... | b | b | 40 | 63 | – | – | | 7.6 |
| Leamington Spa ... | bm | bz | 34 | 59 | – | – | | 7.7 |
| Lowestoft ... ... | b | b | 48 | 59 | – | – | | 9.4 |
| Felixstowe ... ... | b | b | 52 | 57 | – | – | | 9.6 |
| Southend ... ... | b | b | 47 | 60 | – | – | | 9.8 |

| Stations. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night 14th-15th °F. | Temperature. Max. Day 15th °F. | Rainfall.† Night 17h.-9h. 14th-15th mm. | Rainfall.† Day 9h.-17h. 15th mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset 15th hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton ... ... | wba | bacsa | 55 | 60 | – | – | | 8.5 |
| Ilfracombe ... ... | b | b | 55 | 65 | – | – | | 8.9 |
| Bude ... ... | wbb | b | 45 | 65 | – | – | | 8.4 |
| Penzance ... ... | b | bbc | 54 | 61 | – | – | | 8.7 |
| Falmouth Observatory | b | b | 54 | 61 | – | – | | 8.9 |
| Torquay ... | b | b | 55 | 60 | – | – | | 9.1 |
| Weymouth ... | b | b | 51 | 61 | – | – | | |
| Bournemouth ... | b | b | 47 | 59 | – | – | | 9.3 |
| Portsmouth (S'thsea) | b | b | 47 | 62 | – | – | | 8.6 |
| Worthing ... | b | b | 45 | 61 | – | – | | 9.1 |
| Brighton ... | b | b | 46 | 63 | – | – | | 9.6 |
| Eastbourne ... | b | b | 51 | 59 | – | – | | 9.6 |
| Hastings ... ... | b | b | 50 | 58 | – | – | | 9.4 |
| Folkestone ... ... | b | b | 47 | 57 | – | – | | 9.6 |
| Tunbridge Wells ... | b | b | 44 | 62 | – | – | | 9.7 |
| Ramsgate ... ... | b | b | 47 | 56 | – | – | | 9.0 |
| Margate ... ... | b | b | 49 | 56 | – | – | | 9.0 |
| Deal ... ... ... | b | b | 40 | 57 | – | – | | 9.7 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22244 Tuesday, 17th October 1922. 

### Observations at 1300 G.M.T. 16th

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1027.7 | 0 | E | 2 | b | 51 | 85 | 7 | - | - | 0 | - | 0 | * |
| Stornoway | 1021.0 | +1 | - | 0 | b | 58 | 75 | 7 | - | - | 0 | - | 0 | * |
| Wick | 1024.8 | +1 | SE | 4 | bc | 50 | 92 | 6 | 225 | st. | 5 | - | 5 | * |
| Castlebay | 1019.6 | 0 | ENE | 4 | b | 61 | 55 | 8 | 4000 | st.Cu | 1 | - | 1 | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1025.5 | 0 | ESE | 1 | bc | 51 | 85 | 6 | 1500 | st. | 5 | - | 5 | * |
| Malin Head | 1017.0 | +3 | E | 6 | mb- | 57 | 65 | 6 | - | - | 0 | Ci.Cu | 1 | * |
| Renfrew | 1022.6 | 0 | E | 4 | b | 53 | 75 | 5 | - | - | 0 | Ci | 1 | * |
| Edinburgh (Inchkeith) | 1023.4 | +1 | ENE | 2 | 0- | 52 | 85 | 7 | - | Cu | 9 | - | 9 | * |
| Leuchars | 1024.3 | +1 | ENE | 3 | 0- | 50 | 85 | 7 | 1500 | st.Cu | 9 | - | 9 | * |
| Eskdalemuir | 1022.7 | -1 | NE'E | 4 | b | 53 | 75 | 7 | - | - | 0 | - | 0 | * |
| Tynemouth | 1023.1 | 0 | E | 1 | c/f | 52 | 85 | 6 | 4000 | st.Cu | 8 | - | 8 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1018.7 | +1 | E | 3 | b | 56 | 85 | 8 | - | - | 0 | Ci.Cu | 1 | * |
| Birr Castle | 1012.7 | * | SE | 1 | b | 62 | 65 | 8 | - | - | 0 | - | 0 | * |
| Collinstown | 1016.2 | +1 | NE'E | 6 | b | 57 | 85 | 5 | - | - | 0 | - | 0 | * |
| Holyhead | 1015.5 | +1 | ENE | 4 | b | 57 | 75 | 8 | - | - | 0 | - | 0 | * |
| Liverpool (Bidston) | 1017.4 | -1 | E | 5 | b | 59 | 65 | 5 | - | - | 0 | - | 0 | * |
| Chester (Shotwick) | 1017.9 | -1 | E | 3 | b | 62 | 55 | 6 | - | - | 0 | - | 0 | * |
| Spurn Head | 1021.2 | +1 | ENE | 3 | b | 58 | 85 | 6 | - | - | 0 | - | 0 | * |
| Nottingham | 1018.9 | * | ENE | 3 | b | 61 | 65 | 7 | - | - | 0 | - | 0 | * |
| Cranwell | 1019.9 | -0 | ENE | 4 | b | 60 | 75 | 6 | - | - | 0 | - | 0 | * |
| Gorleston | 1020.0 | 0 | E | 3 | b | 57 | 75 | 6 | - | - | 0 | - | 0 | * |
| Valencia (Cahirciveen) | 1008.1 | +1 | S | 6 | b | 59 | 65 | 6 | - | Cu | 3 | - | 3 | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1011.7 | -2 | E'S | 7 | b | 57 | 65 | 7 | - | - | 0 | - | 0 | * |
| Ross-on-Wye | 1016.2 | -1 | ENE | 4 | b | 58 | 65 | 7 | - | - | 0 | - | 0 | * |
| Benson | 1015.8 | 0 | ENE | 4 | b | 62 | 65 | 6 | - | - | 0 | - | 0 | * |
| Andover | 1015.4 | 0 | E | 4 | b | 59 | 65 | 7 | - | - | 0 | - | 0 | * |
| S. Farnborough | 1016.1 | 0 | ENE | 3 | b | 61 | 65 | 6 | - | - | 0 | - | 0 | * |
| London (Kew Obsy.) | 1016.7 | 0 | E | 4 | b | 59 | 65 | 6 | - | - | 0 | - | 0 | * |
| Croydon | 1016.7 | -1 | ENE | 4 | b | 57 | 75 | 6 | - | - | 0 | - | 0 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | 1018.1 | 0 | ENE | 6 | b | 57 | 75 | 7 | - | - | 0 | - | 0 | * |
| Grain | 1017.6 | 0 | ENE | 5 | b | 56 | 85 | 7 | - | - | 0 | - | 0 | * |
| Lympne | 1016.7 | -1 | NE | 4 | b | 57 | 65 | 6 | - | - | 0 | Ci.St | 1 | * |
| Scilly (St. Mary's) | 1007.0 | 0 | ESE | 5 | bc | 60 | 85 | 6 | 4000 | st.Cu | 6 | - | 6 | * |
| Falmouth (Pendennis) | 1009.4 | 0 | SE | 7 | Ct | 57 | 92 | 6 | 5700 | Cu | 8 | - | 8 | * |
| Plymouth (Cattewater) | 1010.9 | 0 | E | 6 | bc | 57 | 85 | 7 | 1500 | Cu | 5 | - | 5 | * |
| Portland Bill | 1012.1 | 0 | E'N | 7 | bc- | 56 | 85 | 6 | - | - | 0 | Ci.Cu | 5 | * |
| Southampton (Calshot) | 1015.1 | 0 | E'N | 5 | b | 59 | 65 | 7 | - | - | 0 | - | 0 | * |
| Dungeness | 1016.4 | +1 | E | 4 | b | 56 | 75 | 7 | - | - | 0 | - | 0 | * |
| Jersey | 1009.9 | 0 | E | 5 | b | 60 | 75 | 8 | - | - | 0 | - | 0 | * |

### Observations at 1800 G.M.T. 16th

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1027.3 | -1 | E | 1 | b | 48 | 92 | 7 | - | - | 0 | A.Cu | 2 | 0 |
| Stornoway | 1021.5 | 0 | - | 0 | b | 46 | 97 | 7 | - | - | 0 | - | 0 | 0 |
| Wick | 1024.7 | 0 | SE | 4 | 0+ | 49 | 92 | 7 | 450 | st. | 10 | - | 10 | 3 |
| Castlebay | 1019.6 | 0 | NE | 4 | b | 60 | 55 | 8 | - | - | 0 | - | 0 | 4 |
| Nairn | 1023.3 | * | - | 0 | mb | 46 | 97 | 7 | - | - | 0 | - | 0 | * |
| Aberdeen | 1025.9 | +1 | - | 0 | fo | 48 | 97 | 3 | 800 | st. | 10 | - | 10 | 0 |
| Malin Head | 1016.5 | 0 | ESE | 6 | mb- | 57 | 85 | 6 | - | - | 0 | Ci.Cu | 1 | 4 |
| Renfrew | 1023.3 | +2 | E | 3 | bc+ | 48 | 85 | 4 | 800 | st. | 2 | Ci | 5 | * |
| Edinburgh (Inchkeith) | 1023.6 | +1 | NE | 2 | o | 47 | 85 | 7 | - | CuNb | 9 | - | 9 | 1 |
| Leuchars | 1024.4 | 0 | E | 2 | imo | 48 | 92 | 6 | 1500 | st. | 10 | - | 10 | * |
| Eskdalemuir | 1023.3 | +1 | N | 2 | 0+ | 45 | 85 | 6 | 1500 | st. | 10 | - | 10 | * |
| Tynemouth | 1023.5 | 0 | ENE | 2 | o | 48 | 92 | 6 | 4000 | Nb | 10 | - | 10 | 1 |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1018.1 | 0 | E | 2 | bc+ | 56 | 85 | 8 | - | - | 0 | Ci.Cu | 4 | 2 |
| Birr Castle | 1013.2 | * | SE | 1 | b+ | 55 | 65 | 6 | - | - | 0 | A.Cu | 1 | * |
| Collinstown | 1016.3 | 0 | E'N | 4 | mb | 55 | 85 | 5 | - | - | 0 | Ci.Cu | 2 | * |
| Holyhead | 1015.1 | +1 | ENE | 6 | b | 57 | 85 | 6 | - | - | 0 | A.St | 1 | 6 |
| Liverpool (Bidston) | 1017.6 | +1 | SE'E | 5 | fb+ | 56 | 65 | 2 | - | - | 0 | - | 0 | 6 |
| Chester (Shotwick) | 1018.0 | +2 | E | 2 | b+m | 51 | 85 | 4 | - | - | 0 | A.Cu | 2 | * |
| Spurn Head | 1020.8 | -1 | NE | 3 | b | 52 | 97 | 6 | - | - | 0 | - | 0 | 3 |
| Nottingham | 1019.2 | * | ENE | 2 | b | 52 | 85 | 6 | - | - | 0 | - | 0 | * |
| Cranwell | 1020.3 | 0 | NE'E | 3 | b | 51 | 92 | 6 | - | - | 0 | - | 0 | * |
| Gorleston | 1019.7 | 0 | ENE | 3 | b | 54 | 85 | 6 | - | - | 0 | - | 0 | 1 |
| Valencia (Cahirciveen) | 1008.1 | +1 | SSE | 4 | b | 56 | 85 | 7 | - | CuNb | 1 | - | 1 | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1012.6 | +2 | ENE | 4 | b | 56 | 75 | 6 | - | - | 0 | Ci.St | 3 | 4 |
| Ross-on-Wye | 1015.8 | +1 | E'N | 4 | b | 54 | 75 | 7 | - | - | 0 | Ci | 1 | * |
| Benson | 1016.2 | +1 | ENE | 3 | b | 52 | 75 | 6 | - | - | 0 | - | 0 | * |
| Andover | 1015.5 | +1 | E | 3 | b | 50 | 85 | 6 | - | - | 0 | - | 0 | * |
| S. Farnborough | 1015.9 | 0 | E | 2 | b | 52 | 85 | 6 | - | - | 0 | - | 0 | * |
| London (Kew Obsy.) | 1016.7 | 0 | ENE | 3 | b | 55 | 75 | 5 | - | - | 0 | - | 0 | * |
| Croydon | 1016.7 | +1 | ENE | 3 | b | 51 | 85 | 5 | - | - | 0 | - | 0 | * |
| Clacton-on-Sea | 1017.5 | -1 | NE | 3 | b | 55 | 85 | 6 | - | - | 0 | - | 0 | 2 |
| Shoeburyness | 1017.1 | -2 | NE | 4 | mb+ | 52 | 85 | 4 | - | - | 0 | - | 0 | * |
| Grain | 1017.0 | 0 | ENE | 4 | b | 54 | 92 | 6 | - | - | 0 | - | 0 | 3 |
| Lympne | 1016.2 | 0 | ENE | 4 | b | 51 | 85 | 6 | - | - | 0 | - | 0 | * |
| Scilly (St. Mary's) | 1007.9 | +1 | ESE | 5 | b | 55 | 92 | 6 | 4000 | st.Cu | 2 | - | 2 | 6 |
| Falmouth (Pendennis) | 1009.0 | 0 | E | 7 | bc | 56 | 92 | 6 | 4000 | Cu | 6 | - | 6 | 5 |
| Plymouth (Cattewater) | 1011.2 | 0 | ENE | 5 | b | 55 | 85 | 7 | - | - | 0 | - | 0 | 0 |
| Portland Bill | 1012.1 | 0 | ENE | 7 | b | 56 | 85 | 6 | - | - | 0 | - | 0 | 6 |
| Southampton (Calshot) | 1014.9 | +1 | ENE | 4 | b | 55 | 75 | 6 | - | - | 0 | - | 0 | 3 |
| Dungeness | 1015.7 | 0 | E | 5 | b | 55 | 85 | 7 | - | - | 0 | - | 0 | 4 |
| Jersey | 1009.5 | 0 | E | 5 | b | 58 | 75 | 8 | - | - | 0 | - | 0 | 4 |

### London Observations

| | Weather. Morning. | Weather. Afternoon. | Weather. Night. | Temperature. Max. °F. | Temperature. Min. °F. | Temperature. Min. on Grass. °F. | Rainfall. mm. Day. | Rainfall. mm. Night. | Sunshine to Sunset. hrs. | Humidity. 15h. G.M.T. % | Humidity. 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 hours ended 0200 G.M.T. 17th | | | | | | | | Yesterday. | To-day. | |
| Kew | bmbg | formb | bom | * | * | 45 | Tr. | - | 8.5 | * | * |
| Croydon } 24 hours ended 0700 | bmg | bbc | bmsom | * | * | 43 | - | Tr. | 9.3 | * | * |
| Greenwich (Royal Obsy.) | b | b | bomo | 59 | 48 | 42 | - | - | 9.2 | 63 | 73 |
| City (Bunhill Row) | * | * | * | * | * | * | * | * | 7.3 | * | * |
| Westminster (St. James' Pk.) | bme | bmv | bom | 61 | 50 | 48 | - | - | 8.5 | 61 | 69 |
| Regent's Pk. (Botanic Gdns). | * | * | * | * | * | * | * | * | 7.1 | * | * |
| Camden Square | bw | bc | * | 63 | 47 | 43 | - | a3 | * | * | 74 |
| Kensington Palace | b | b | o | 60 | 49 | 43 | - | - | * | 75 (18h) | 75 |
| Hampstead Observatory | b | b | * | 58 | 48 | 43 | - | - | 8.5 | * | 75 |

### Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 16th

| South Kensington Max. | Time. | Min. | Time. |
|---|---|---|---|
| 0.6 | 18h. 15m | 0.3 | 5h. 16m |
| 1.0 | 9h. 16m | | |

| Kew Observatory Max. | Time. | Min. | Time. |
|---|---|---|---|
| 0.7 | 21h. 15m | 0.3 | 2h. 16m |
| 1.0 | 10h. 16m | | |

### Solar Radiation. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

### Pole Star Record at Greenwich Obsy.

Exposure from 16th 18h. 0m. to 17th 03h. 30m.

| Stars. | Exposure. h. m. | Record. h. m. | Record. % |
|---|---|---|---|
| Polaris | 11.50 | 8.4 | 70 |
| δ Ursae Minoris | 11.30 | 7.46 | 68 |

### Radio Disturbances (Atmospherics) at Croydon.[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | C | 5 | - | - |
| 18h. | $C_1C_2$ | 6 | - | 60 |
| 01h. | $C_1C_2$ | 6 | - | 10 |
| 07h. | $C_1C_2$ | 6 | - | 160 |

### Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

17th & 18th October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.23 / 6.25 | 11.38 / 11.38 | 4.53 / 4.51 |
| Greenwich | 6.28 / 6.30 | 11.45 / 11.45 | 5.2 / 5.0 |
| Wick | 6.54 / 6.56 | 11.57 / 11.57 | 5.1 / 4.58 |
| Valencia | 7.10 / 7.12 | 12.26 / 12.26 | 5.42 / 5.40 |

### Beaufort Notation of Weather

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; — = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
$r_0r_0r_0$ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

### Sea Disturbance.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

For explanation see introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

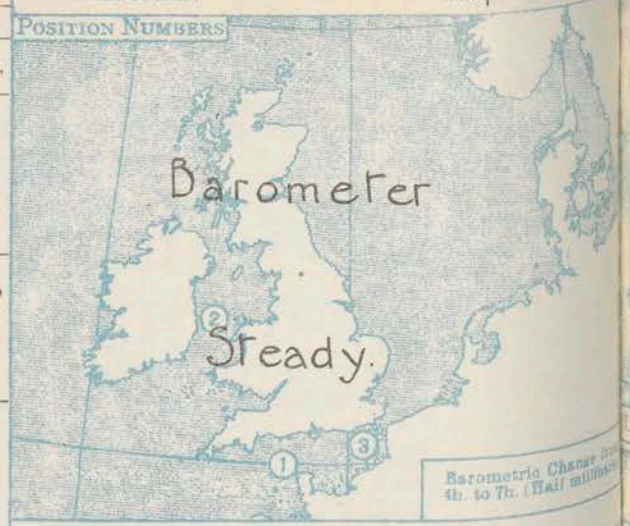
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 16th | 13h.-18h. 16th | 18h. 16th to 1h. 17th | 1h.-7h. 17th | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL.† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | b | bc | b | bc | 51 | 45 | • | - | – | - | – | • |
| Stornoway ... ... | b.bc | b.bc | bbc | bbc | 59 | 35 | • | - | – | - | – | 7.7 |
| Wick ... ... ... | omm | oo | bbc | bbc | 50 | 47 | • | - | – | - | – | • |
| Castlebay ... ... | b | b | b | b | 61 | 52 | • | - | – | - | – | 9.2 |
| Nairn ... ... ... | b | bm | bmc | bcm | 51 | 40 | • | - | 0.2 | - | <2100 | 9.0 |
| Aberdeen ... ... | ombc | cmf | off | o | 52 | 45 | 41 | • | – | - | – | 3.0 |
| Malin Head ... ... | m | form | m | m | 59 | 48 | • | - | – | - | – | 8.8 |
| Renfrew ... ... | obcbm3 | b3bcm | omc | cbc | 54 | 46 | 42 | - | – | - | – | 6.0 |
| Edinburgh (Inchkeith) | oo | oo | id | o | 54 | 46 | 43 | Trace | – | - | – | 3.9 |
| Leuchars ... ... | om | b.bc | od | m | 51 | 45 | 38 | - | 0.1 | - | <2100 | 0.8 |
| Eskdalemuir ... ... | cmb | bom | com | om | 55 | 45 | 41 | - | – | - | – | 8.5 |
| Tynemouth ... ... | cifm | m | od | bbc | 53 | 47 | 45 | - | 0.4 | - | <2100 | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | bcm | bx | bm | bc | 57 | 50 | • | - | – | - | – | • |
| Birr Castle ... ... | bc | bc3 | | | 62 | | | - | | - | | |
| Collinstown ... ... | b.bmm | b.bm | bm | bomm | 57 | 51 | • | - | – | - | - | 9.0 |
| Holyhead ... ... | b | ccm | bb | bb | 59 | 50 | 46 | - | – | - | - | 9.3 |
| Liverpool (Bidston) ... | b.bc | form | fmc | | 61 | 46 | 39 | - | – | - | - | 7.4 |
| Chester (Shotwick) ... | bfbmb3 | b3 | bm | bbccm | 63 | 40 | 31 | - | – | - | – | • |
| Spurn Head ... ... | b.bc | b.bc | o | c | 58 | 51 | • | - | – | - | - | 9.2 |
| Nottingham ... ... | bmc | b.bc | bc | c | 61 | 50 | 45 | - | – | - | - | 6.2 |
| Cranwell ... ... | focb | b.bc | omm | oco | 60 | 47 | 42 | - | Trace | - | – | 8.2 |
| Gorleston ... ... | b.bc | b.bc | oq | ocbq | 58 | 51 | 47 | • | – | - | - | 9.3 |
| Valencia (Cahirciveen) | bqm | b | b | | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | bq3 | bi3 | bq3 | bi3 | 59 | 47 | • | - | – | - | – | 8.6 |
| Ross-on-Wye ... ... | omcb | b | bw | bwbco | 60 | 47 | 42 | - | – | - | – | 6.5 |
| Benson... ... ... | b | b | b | o | 63 | 44 | 41 | - | – | - | – | • |
| Andover ... ... | ocbc | bm | bmbccom | c | 60 | 45 | 39 | - | Trace | - | – | 8.6 |
| S. Farnborough ... | bmb3 | bm | bb ccom | | 61 | 48 | 38 | - | Trace | - | - | 8.9 |
| London (Kew Obsy.) ... | bmb3 | form | bb | om | 59 | 50 | 45 | Trace | – | - | - | 8.5 |
| Croydon ... ... | bm3 | b.bc | bmwo | om | 58 | 47 | 43 | - | Trace | - | - | 9.3 |
| Clacton-on-Sea .. | bcb3 | b3 | bcmo | omo | 58 | 52 | 50 | - | – | - | - | 8.0 |
| Shoeburyness ... ... | b.bcb | bbm | bmc | o | 58 | 50 | 47 | - | – | - | – | 9.6 |
| Grain ... ... ... | b.bc | b.bc | bm | bbcco | 56 | 51 | 49 | - | – | - | – | 9.5 |
| Lympne ... ... | bm | b3 | bbc | bbccom | 57 | 49 | 43 | - | – | - | – | 9.8 |
| Scilly (St. Mary's) ... | bccmq | bmq | bq | bmq | 60 | 53 | • | - | – | - | – | 8.0 |
| Falmouth (Pendennis) | bccmq | bcmq | bcomq | | 57 | 54 | • | - | – | - | – | 5.0 |
| Plymouth (Cattewater) | bcq | bcqb | bq | bmq | 58 | 52 | 49 | - | – | - | – | 7.0 |
| Portland Bill ... .. | c | b.bc | bc | c | 58 | 52 | • | - | – | - | – | • |
| Southampton (Calshot) | b.bc | b | bbw | bm | 60 | 50 | 47 | - | – | - | – | 8.3 |
| Dungeness .. | b.bc | b.bc | bbc | coq | 58 | 51 | • | - | – | - | – | • |
| Jersey .. | b | b | bbc | bw | 61 | 50 | • | - | – | - | – | 9.8 |

ISALLOBARS. 17th October

POSITION NUMBERS




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea |
|---|---|---|---|---|---|---|---|
| 3 | 17th 3h | Dieppe | SE | 2 | b | 52 | 57 |

GENERAL INFERENCE.

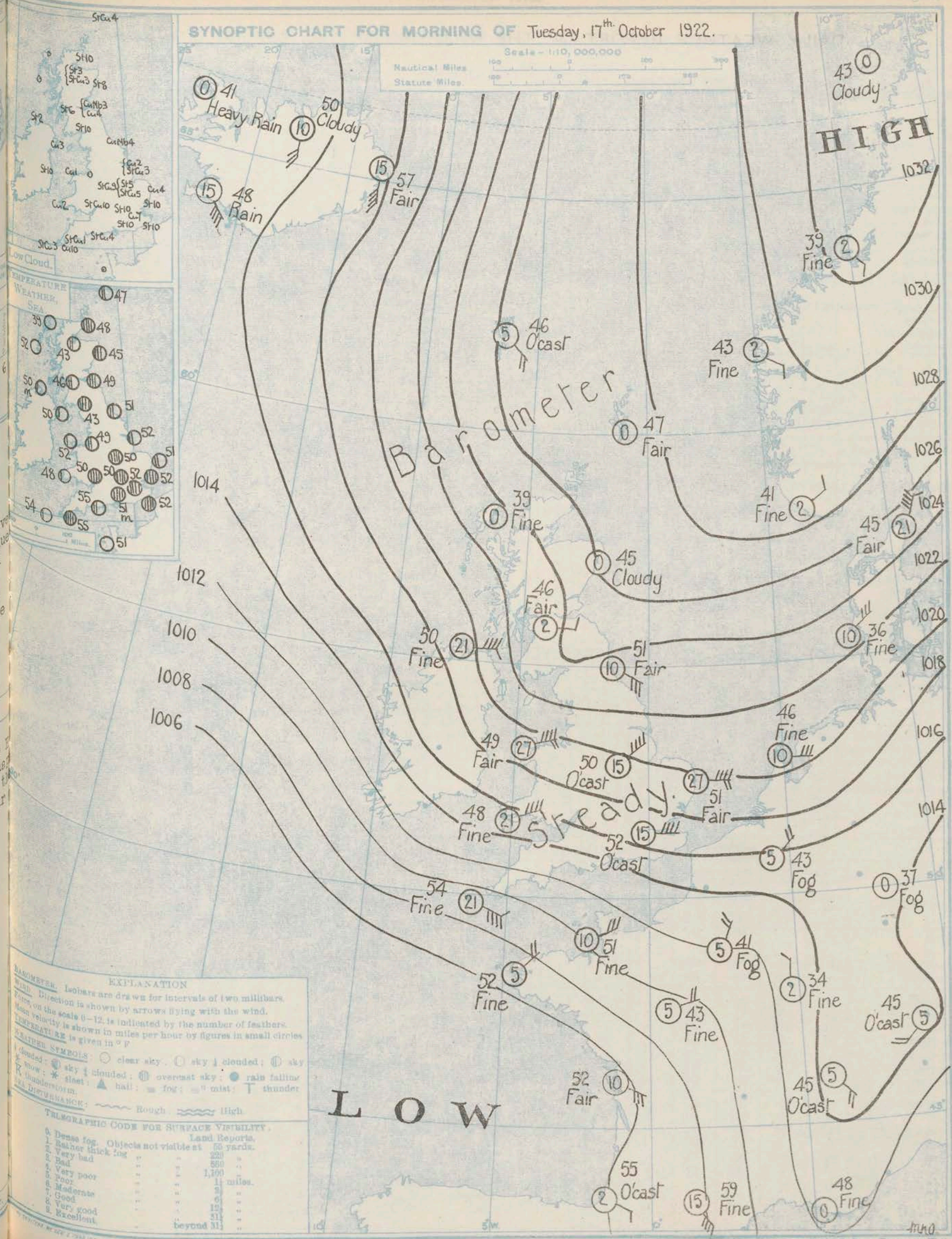
The large anticyclone remains over Scandinavia and pressure continues low to southwest of the British Isles. Winds will be mainly Easterly strong at times in the south. Weather is likely to be less fair than of late in the southeast districts.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 17th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands | Wind Easterly fresh, strong at times on the coast; cloudy; visibility moderate to good; moderate temperature. | Cloudy in the E and SE with perhaps some drizzle on the East coast; fair elsewhere. |
| 4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales | Wind Easterly fresh, strong at times on the coast; fair generally; visibility moderate to good; moderate temperature. | |
| 8. N.W. England<br>9. N. Midlands | Wind Easterly moderate; fair generally; visibility moderate to good; moderate temperature. | |
| 10. N.E. England<br>11. E. Scotland | Wind Easterly moderate; cloudy; visibility moderate to good; moderate temperature. | |
| 12. S.W. Scotland<br>13. Isle of Man | As for 8 - 9. | |
| 14. N.&N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | Light to moderate SE or E wind; fair generally; visibility mainly good; moderate temperature. | |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | As for 4 - 7. | |

248

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1015. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:



BRITISH SECTION.....Tuesday, 17th October.....1922. No. 290

| STATIONS. | Observations at 0100 G.M.T. 17th | | | | | | | | | | | | | | Observations at 0700 G.M.T. 17th | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
| Lerwick ... ... | 1027.8 | 0 | ENE | 2 | b⁻ | 47 | 92 | 7 | - | - | 0 | - | 0 | * | 1027.3 | 0 | - | 0 | bc | 47 | 92 | 7 | 5700 | StCu | 4 | - | 4 | 0 |
| Stornoway ... ... | 1023.5 | +2 | - | 0 | b⁻ | * | * | 6 | * | * | * | * | * | * | 1022.3 | 0 | - | 0 | b⁻ | 39 | 97 | 7 | - | - | 0 | - | 0 | 0 |
| Wick ... ... ... | 1025.1 | 0 | SE | 2 | b | 49 | 92 | 8 | 800 | St | 3 | - | 3 | * | 1025.0 | 0 | SE | 3 | o⁺ | 48 | 92 | 8 | 800 | St | 10 | - | 10 | 0 |
| Castlebay ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1021.2 | 0 | E | 2 | b | 52 | 65 | 8 | - | - | 0 | - | 0 | 1 |
| Nairn ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1024.8 | * | - | 0 | bclm | 43 | 97 | 7 | 4000 | St | 6 | - | 6 | * |
| Aberdeen ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1026.0 | +1 | - | 0 | c⁻ | 45 | 91 | 6 | 1500 | St | 8 | - | 8 | 0 |
| Malin Head ... ... | 1018.6 | +1 | E | 7 | bmw | 53 | 85 | 6 | - | - | 0 | - | 0 | * | 1018.9 | 0 | E | 5 | mb⁻ | 50 | 97 | 6 | 2500 | St | 2 | - | 2 | 4 |
| Renfrew ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1023.7 | 0 | E | 1 | bc | 46 | 92 | 7 | 1500 | St | 6 | - | 6 | * |
| Edinburgh (Inchkeith) | 1024.2 | 0 | E | 2 | o/r | 47 | 97 | 8 | - | St | 10 | - | 10 | * | 1023.6 | +1 | ENE | 3 | c⁻ | 49 | 92 | 8 | - | Cu | 7 | - | 7 | * |
| Leuchars ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1024.5 | 0 | NE | 1 | o | 45 | 97 | 8 | 1500 | St | 10 | - | 10 | * |
| Eskdalemuir ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1024.1 | 0 | N'E | 2 | o | 43 | 92 | 8 | 2500 | St | 10 | - | 10 | 1 |
| Tynemouth ... ... | 1023.6 | 0 | ENE | 1 | b/r | 49 | 97 | 7 | 4000 | CuNb | 2 | - | 2 | * | 1023.7 | 0 | ESE | 3 | bc | 51 | 92 | 7 | 4000 | CuNb | 4 | - | 4 | |
| Blacksod Point ... | | | | | | | | | | | | | | * | | | | | | | | | | | | | | |
| Donaghadee ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1020.6 | 0 | SE | 3 | b⁺ | 50 | 85 | 8 | 5700 | Cu | 3 | - | 3 | 3 |
| Birr Castle ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | * |
| Collinstown ... ... | 1018.0 | +1 | ENE | 5 | b⁻ | 52 | 92 | 5 | - | - | 0 | - | 0 | * | 1017.9 | 0 | ENE | 5 | o⁺ | 52 | 92 | 5 | 800 | St | 10 | - | 10 | * |
| Holyhead ... ... | 1017.1 | +2 | ENE | 6 | b | * | * | 7 | - | - | 0 | - | 0 | * | 1017.3 | 0 | ENE | 6 | b | 52 | 85 | 8 | 4000 | Cu | 1 | ASt | 2 | 3 |
| Liverpool (Bidston) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1019.3 | +1 | E | 3 | bc⁻ | 49 | 85 | 4 | - | - | 0 | CiSt | 5 | 3 |
| Chester (Shotwick) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1019.3 | 0 | ESE | 1 | o | 47 | 85 | 6 | 2500 | StCu | 9 | - | 9 | * |
| Spurn Head ... ... | 1020.7 | -1 | E | 4 | o | 53 | 85 | 7 | 1500 | St | 9 | - | 9 | * | 1021.0 | +1 | E | 5 | bc | 52 | 85 | 7 | 4000 | StCu | 5 | - | 5 | 4 |
| Nottingham ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1019.3 | * | NE | 4 | o | 50 | 85 | 7 | 1500 | StCu | 9 | - | 9 | * |
| Cranwell ... ... | 1020.0 | 0 | ENE | 4 | o | 51 | 92 | 6 | 800 | St | 10 | - | 10 | * | 1020.0 | 0 | NE'E | 3 | o⁻ | 49 | 85 | 8 | 1500 | St | 10 | - | 10 | * |
| Gorleston ... ... | 1019.6 | 0 | E | 5 | o | 53 | 85 | 7 | 4000 | StCu | 4 | CiSt | 10 | * | 1019.7 | 0 | E | 6 | bc⁻ | 51 | 75 | 7 | 5700 | Cu | 4 | - | 4 | 6 |
| Valencia (Cahirciveen) | 1008.7 | 0 | E | 4 | b | 55 | 92 | 7 | - | - | 0 | - | 0 | * | | | | | | | | | | | | | | |
| Roches Point ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1013.9 | +1 | E | 6 | b | 52 | 75 | 7 | - | - | 0 | - | 0 | * | 1014.2 | 0 | ENE | 5 | b | 48 | 85 | 7 | 4000 | Cu | 2 | - | 2 | 4 |
| Ross-on-Wye ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1017.1 | 0 | ENE | 4 | o⁺ | 50 | 85 | 8 | 1500 | StCu | 10 | - | 10 | * |
| Benson ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1016.5 | 0 | ENE | 4 | o⁺ | 50 | 85 | 7 | - | St | 10 | - | 10 | * |
| Andover ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1015.5 | 0 | ENE | 5 | o | 50 | 92 | 5 | 450 | St | 10 | - | 10 | * |
| S. Farnborough ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1015.8 | 0 | E | 4 | mwo | 51 | 92 | 6 | 1500 | StCu | 10 | - | 10 | * |
| London (Kew Obsy.) ... | * | * | * | * | * | 53 | * | * | * | * | * | * | * | * | 1016.3 | 0 | E'N | 4 | o | 52 | 75 | 6 | 2500 | Cu | 7 | ASt | 10 | * |
| Croydon ... ... | 1016.7 | 0 | ENE | 3 | o | 51 | 92 | 5 | 2500 | StCu | 10 | - | 10 | * | 1016.4 | 0 | ENE | 3 | o | 50 | 85 | 6 | 1500 | StCu | 10 | - | 10 | * |
| Clacton-on-Sea ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1016.9 | 0 | NE | 6 | o | 52 | 75 | 6 | 1500 | St | 10 | - | 10 | 5 |
| Shoeburyness ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1016.9 | -1 | ENE | 6 | o | 52 | 75 | 7 | 4000 | StCu | 9 | - | 9 | - |
| Grain ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1016.4 | 0 | ENE | 6 | o | 53 | 85 | 7 | 1500 | St | 10 | - | 10 | 6 |
| Lympne ... ... | 1015.9 | 0 | NE'E | 4 | b | 50 | 97 | 7 | - | - | 0 | - | 0 | * | 1016.2 | 0 | ENE | 5 | o | 49 | 85 | 6 | 800 | St | 10 | - | 10 | * |
| Scilly (St. Mary's) ... | 1008.9 | +1 | ESE | 5 | b | 55 | 92 | 7 | - | - | 0 | - | 0 | * | 1008.8 | 0 | ESE | 5 | b | 54 | 92 | 6 | 4000 | StCu | 3 | - | 3 | 6 |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * | 1009.4 | 0 | E | 7 | o⁺ | 55 | 92 | 5 | 4000 | Cu | 10 | - | 10 | 4 |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1011.4 | 0 | ENE | 5 | b⁻ | 52 | 92 | 6 | 1500 | StCu | 1 | - | 1 | 0 |
| Portland Bill ... ... | 1012.6 | 0 | ENE | 7 | bc⁺ | 55 | 85 | 6 | - | - | 0 | CiCu | 4 | * | 1012.0 | -1 | ENE | 7 | bc | 55 | 85 | 6 | 1500 | StCu | 4 | - | 4 | 6 |
| Southampton (Calshot) | 1015.2 | 0 | NE | 4 | b | 50 | 97 | 7 | - | - | 0 | - | 0 | * | 1014.6 | 0 | NE'E | 5 | b⁺ | 51 | 85 | 6 | 1500 | St | 1 | ACu | 3 | 6 |
| Dungeness ... ... | 1015.7 | 0 | E | 5 | b | 52 | 97 | 7 | - | - | 0 | - | 0 | * | 1014.6 | -1 | E | 5 | o | 52 | 85 | 6 | 1500 | St | 10 | - | 10 | 5 |
| Jersey 7h } ... ... | 1012.2 | 0 | ENE | 4 | b | 53 | 92 | 7 | - | - | 0 | - | 0 | * | 1010.2 | 0 | ENE | 3 | b | 51 | 92 | 7 | - | - | 0 | Ci | 1 | 3 |
| Guernsey 1h } | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Monday, 16th Oct.

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 15th. °F. | Temperature. Max. Day. 16th. °F. | Rainfall.† Night 17h.-9h. 15th-16th. mm. | Rainfall.† Day 9h.-17h. 16th. mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. 16th. hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | cbc | c | 42 | 54 | - | - | | 7.1 |
| Montrose ... ... | x | x | 40 | 50 | - | - | | 2.7 |
| Llandudno ... ... | b | b | 43 | 61 | - | - | | 7.3 |
| Colwyn Bay ... | bc | bc | 47 | 60 | - | - | | 7.7 |
| Rhyl ... ... | bc | bc | 47 | 63 | - | - | | 7.4 |
| Southport ... ... | b | b | 43 | 61 | - | - | | 8.4 |
| Blackpool ... ... | b | bc | 41 | 60 | - | - | | 9.3 |
| Harrogate ... ... | fob | b | 41 | 57 | - | - | | 4.7 |
| Skegness ... ... | wb | b | 52 | 57 | 0.3 | - | | 9.1 |
| Aberystwyth ... | ccb | b | 49 | 67 | - | - | | 9.8 |
| Bath ... ... | b | b | 45 | 61 | - | - | | 9.0 |
| Leamington Spa ... | ocb | b | 41 | 62 | - | - | | 6.5 |
| Lowestoft ... ... | b | b | 52 | 58 | - | - | | 9.4 |
| Felixstowe ... ... | b3 | bm | 50 | 57 | - | - | | 9.2 |
| Southend ... ... | b | b | 48 | 58 | - | - | | 9.2 |
| Paignton ... ... | oq | bcqb q | 53 | 58 | - | - | | 3.5 |
| Ilfracombe ... ... | b | b3 | 50 | 59 | - | - | | 8.8 |
| Bude ... ... | wb | b | 49 | 62 | - | - | | 9.2 |
| Penzance ... ... | bcb | b3 | 55 | 59 | - | - | | 8.2 |
| Falmouth Observatory | bcc3 | bc3 | 55 | 59 | - | - | | 4.8 |
| Torquay ... ... | c | b | 53 | 59 | - | - | | 4.5 |
| Weymouth ... ... | cb | b | 48 | 60 | - | - | | 6.8 |
| Bournemouth ... | cbb | b | 45 | 60 | - | - | | 7.5 |
| Portsmouth (S'thsea) | b | b | 46 | 62 | - | - | | 8.1 |
| Worthing ... ... | b | b | 45 | 61 | - | - | | 8.7 |
| Brighton ... ... | bcb | b | 46 | 63 | - | - | | 8.0 |
| Eastbourne ... ... | bcb | b | 50 | 58 | - | - | | 8.0 |
| Hastings ... ... | cbcb | b | 48 | 57 | - | - | | 9.0 |
| Folkestone ... ... | b | b | 48 | 57 | - | - | | 9.4 |
| Tunbridge Wells ... | b | b | 43 | 60 | - | - | | 9.5 |
| Ramsgate ... ... | b | b | 48 | 56 | - | - | | 9.0 |
| Margate ... ... | b | b | 49 | 56 | - | - | | 8.5 |
| Deal ... ... ... | b | bm | 48 | 57 | - | - | | 9.2 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22245 Wednesday, 18th October 1922. 

### Observations at 1300 G.M.T. 17th

| STATIONS. | Barom. at M.S.L. mb | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1028.0 | 0 | S | 2 | 0+ | 48 | 85 | 7 | 4000 | Cu | 3 | A.Cu | 9 | * |
| Stornoway | 1022.5 | 0 | - | 0 | b | 56 | 75 | 9 | - | - | 0 | - | 0 | * |
| Wick | 1025.7 | 0 | SE | 5 | b | 52 | 85 | 8 | 5700 | Cu | 1 | - | 1 | * |
| Castlebay | 1022.1 | 0 | E | 4 | b | 57 | 65 | 8 | - | - | 0 | - | 0 | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1027.2 | +1 | SE'S | 3 | bc+ | 54 | 75 | 7 | 1500 | St. | 6 | - | 6 | |
| Malin Head | 1019.7 | +1 | E | 6 | b/f | 53 | 97 | 7 | - | - | 0 | A.Cu | 1 | * |
| Renfrew | 1023.9 | 0 | ENE | 3 | b | 55 | 65 | 6 | 1500 | St. | 2 | - | 2 | * |
| Edinburgh (Inchkeith) | 1024.5 | +1 | E | 3 | b | 55 | 75 | 8 | - | Cu | 2 | - | 2 | * |
| Leuchars | 1025.7 | +1 | ESE | 3 | bc | 53 | 85 | 8 | 2500 | St.Cu | 5 | - | 5 | * |
| Eskdalemuir | 1023.4 | 0 | E'N | 6 | b | 52 | 65 | 8 | 4000 | Cu | 2 | - | 2 | * |
| Tynemouth | 1024.7 | 0 | ESE | 4 | bc | 52 | 85 | 8 | 4000 | Cu Nb | 4 | - | 4 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1020.3 | +1 | E | 4 | b | 54 | 85 | 8 | - | - | 0 | - | 0 | * |
| Birr Castle | 1014.9 | * | ESE | 1 | c+ | 56 | 75 | 8 | 4000 | St Cu | 7 | - | 7 | * |
| Collinstown | 1019.0 | +2 | E'N | 5 | b | 55 | 75 | 6 | 1500 | St. | 1 | - | 1 | * |
| Holyhead | 1017.7 | 0 | E'N | 6 | b | 55 | 75 | 7 | 5700 | Cu | 1 | - | 1 | * |
| Liverpool (Bidston) | 1018.9 | -1 | E | 5 | b | 55 | 55 | 6 | 4000 | St.Cu | 3 | - | 3 | * |
| Chester (Shotwick) | 1019.2 | -1 | E | 5 | b | 57 | 65 | 8 | 4000 | St.Cu | 3 | - | 3 | * |
| Spurn Head | 1021.3 | 0 | E | 6 | o | 54 | 92 | 7 | 4000 | Cu | 9 | - | 9 | * |
| Nottingham | 1019.9 | * | E | 4 | bc | 54 | 65 | 7 | 2500 | Cu | 6 | - | 6 | * |
| Cranwell | 1021.0 | 0 | E'N | 4 | c | 53 | 75 | 8 | 4000 | St.Cu | 8 | - | 8 | * |
| Gorleston | 1020.1 | 0 | E | 6 | bc+ | 50 | 75 | 7 | 5700 | Cu | 5 | - | 5 | * |
| Valencia (Cahireiveen) | 1011.0 | 0 | SE | 5 | c | 56 | 85 | 7 | - | Cu | 7 | - | 7 | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | | | | | | | | | | | | | | * |
| Ross-on-Wye | 1013.6 | 0 | ENE | 6 | b | 55 | 65 | 6 | - | - | 0 | Ci.st | 3 | * |
| Benson | 1016.5 | -1 | E'N | 5 | b | 54 | 65 | 8 | 4000 | Cu | 3 | - | 3 | * |
| Andover | 1016.5 | -1 | ENE | 5 | b | 57 | 65 | 8 | - | Cu | 2 | - | 2 | * |
| S. Farnborough | 1015.4 | 0 | E | 5 | b | 55 | 75 | 6 | - | - | 0 | - | 0 | * |
| London (Kew Obsy.) | 1016.0 | 0 | E'N | 6 | mb | 55 | 65 | 6 | 2500 | Cu | 3 | - | 3 | * |
| Croydon | 1016.8 | -1 | ENE | 6 | bc | 54 | 65 | 7 | 2500 | Cu | 5 | - | 5 | * |
| | 1016.7 | -1 | ENE | 6 | c- | 53 | 65 | 7 | 4000 | St.Cu | 8 | - | 8 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | 1018.3 | +1 | ENE | 7 | b | 54 | 75 | 8 | 5700 | Cu | 2 | - | 2 | * |
| Grain | 1017.2 | 0 | ENE | 6 | bc- | 53 | 75 | 8 | 4000 | St.Cu | 5 | - | 5 | * |
| Lympne | 1016.4 | 0 | NE | 6 | 0 | 50 | 75 | 7 | 1500 | St.Cu | 10 | - | 10 | * |
| Scilly (St. Mary's) | 1009.3 | 0 | E'S | 5 | bc | 59 | 85 | 6 | - | Cu | 0 | Ci | 2 | * |
| Falmouth (Pendennis) | 1011.2 | +2 | E | 7 | o | 55 | 85 | 6 | 4000 | Cu | 9 | - | 9 | * |
| Plymouth (Cattewater) | 1012.2 | +3 | E | 6 | c | 54 | 85 | 6 | 1500 | Cu | 7 | - | 7 | * |
| Portland Bill | 1012.9 | +2 | ENE | 7 | bc+ | 55 | 85 | 6 | 1500 | St.Cu | 6 | - | 6 | * |
| Southampton (Calshot) | 1014.8 | +1 | NE'E | 6 | b | 57 | 65 | 7 | 1500 | Cu | 1 | - | 1 | * |
| Dungeness | 1014.6 | -0 | E | 6 | 0 | 52 | 97 | 6 | 1500 | St. | 10 | - | 10 | * |
| Jersey 7h | 1010.0 | 0 | ENE | 4 | bc+ | 57 | 85 | 8 | - | - | 0 | A.Cu | 4 | * |
| Guernsey 1h | | | | | | | | | | | | | | |

### Observations at 1800 G.M.T. 17th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1029.1 | +1 | SSW | 2 | b | 50 | 85 | 7 | 5700 | St.Cu | 1 | A.St | 3 | 1 |
| Stornoway | 1023.2 | 0 | - | 0 | b | 45 | 92 | 7 | - | - | 0 | - | 0 | 0 |
| Wick | 1026.5 | +2 | SE | 5 | b | 51 | 85 | 8 | - | - | 0 | - | 0 | 3 |
| Castlebay | 1022.9 | +1 | ESE | 4 | b | 55 | 65 | 8 | - | - | 0 | - | 0 | 4 |
| Nairn | 1025.0 | * | - | 0 | b | 46 | 85 | 8 | - | - | 0 | - | 0 | * |
| Aberdeen | 1027.9 | +2 | SE | 3 | bc+ | 49 | 75 | 6 | 1500 | St. | 4 | - | 4 | 0 |
| Malin Head | 1019.6 | 0 | E | 5 | b | 55 | 65 | 7 | - | - | 0 | - | 0 | 4 |
| Renfrew | 1024.5 | +2 | ENE | 3 | b | 49 | 85 | 6 | - | - | 0 | - | 0 | * |
| Edinburgh (Inchkeith) | 1025.0 | +2 | ESE | 3 | b | 50 | 75 | 8 | - | Cu | 2 | - | 2 | 2 |
| Leuchars | 1026.0 | +2 | E | 3 | b | 48 | 85 | 8 | 2500 | St.Cu | 5 | - | 5 | * |
| Eskdalemuir | 1024.5 | +1 | ENE | 2 | 0+ | 45 | 85 | 8 | 2500 | St.Cu | 10 | - | 10 | * |
| Tynemouth | 1024.8 | 0 | ESE | 4 | 0 | 51 | 75 | 7 | 4000 | St.Cu | 9 | - | 9 | 3 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1020.9 | +1 | E | 4 | b+ | 53 | 85 | 7 | 800 | St. | 2 | - | 2 | 4 |
| Birr Castle | 1015.5 | * | SE | 3 | bc | 51 | 85 | 6 | - | - | 0 | ASt | 4 | * |
| Collinstown | 1013.2 | 0 | E | 5 | b | 52 | 75 | 5 | 2500 | St.Cu | 1 | - | 1 | * |
| Holyhead | 1017.8 | +2 | E | 6 | b | 53 | 75 | 7 | - | - | 0 | - | 0 | 4 |
| Liverpool (Bidston) | 1020.0 | +2 | E | 5 | fb+ | 51 | 65 | 3 | - | - | 0 | - | 0 | 6 |
| Chester (Shotwick) | 1020.0 | +2 | E | 3 | b | 47 | 75 | 6 | 2500 | St. | 3 | - | 3 | * |
| Spurn Head | 1021.8 | 0 | E | 6 | bc | 51 | 85 | 7 | 4000 | Cu Nb | 4 | - | 4 | 6 |
| Nottingham | 1020.5 | * | E | 2 | 0+ | 49 | 75 | 6 | 1500 | St.Cu | 4 | A.Cu | 9 | * |
| Cranwell | 1022.0 | +2 | E'N | 3 | 0+ | 49 | 75 | 8 | 2500 | St. | 10 | - | 10 | * |
| Gorleston | 1020.9 | 0 | E | 6 | bc | 50 | 75 | 7 | 4000 | Cu | 5 | - | 5 | 6 |
| Valencia (Cahireiveen) | | | | | | | | | | | | | | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | | | | | | | | | | | | | | |
| Ross-on-Wye | 1014.5 | +1 | E'N | 4 | b | 53 | 75 | 6 | - | - | 0 | - | 0 | 4 |
| Benson | 1017.5 | +1 | NE'E | 4 | b | 48 | 65 | 8 | - | - | 0 | - | 0 | * |
| Andover | 1017.8 | +3 | ENE | 4 | b | 47 | 75 | 7 | - | Cu | 1 | - | 1 | * |
| S. Farnborough | 1016.6 | +1 | E | 4 | b | 46 | 85 | 6 | - | - | 0 | - | 0 | * |
| London (Kew Obsy.) | 1019.9 | +1 | E | 3 | b+ | 47 | 75 | 6 | 1500 | St.Cu | 1 | - | 1 | * |
| Croydon | 1017.8 | +2 | NE | 5 | b | 49 | 65 | 5 | 4000 | St.Cu | 1 | - | 1 | * |
| | 1017.8 | +2 | NE'E | 4 | bc+ | 47 | 75 | 6 | 4000 | St.Cu | 4 | - | 4 | * |
| Clacton-on-Sea | 1018.6 | +2 | NE | 6 | bc | 51 | 75 | 7 | 2500 | Cu | 5 | - | 5 | 5 |
| Shoeburyness | 1018.7 | 0 | E'N | 7 | b+ | 49 | 75 | 8 | 4000 | St.Cu | 3 | - | 3 | * |
| Grain | 1018.1 | +1 | ENE | 7 | b | 50 | 75 | 8 | 4000 | St. | 3 | - | 3 | ? |
| Lympne | 1017.1 | +2 | NE | 5 | b | 45 | 85 | 7 | 1500 | St.Cu | 1 | - | 1 | * |
| Scilly (St. Mary's) | 1009.0 | 0 | E | 6 | b | 54 | 85 | 6 | 4000 | St.Cu | 2 | Ci | 3 | 6 |
| Falmouth (Pendennis) | 1010.1 | 0 | E | | | 55 | 85 | 6 | 4000 | St.Cu | 9 | - | 9 | 6 |
| Plymouth (Cattewater) | 1011.8 | -1 | E | 6 | b | 54 | 85 | 6 | 1500 | St.Cu | 1 | A.Cu | 2 | 0 |
| Portland Bill | 1012.9 | 0 | E | 7 | bc | 54 | 85 | 6 | 1500 | St.Cu | 6 | - | 6 | 6 |
| Southampton (Calshot) | 1015.9 | +3 | NE'E | 5 | b | 50 | 92 | 7 | - | - | 0 | - | 0 | 3 |
| Dungeness | 1014.8 | 0 | ENE | 7 | bc | 51 | 85 | 7 | 4000 | Cu | 4 | - | 4 | 7 |
| Jersey 7h | 1010.2 | 0 | ENE | 5 | 0 | 53 | 85 | 7 | 1500 | St. | 10 | - | 10 | 4 |
| Guernsey 1h | | | | | | | | | | | | | | |

### LONDON OBSERVATIONS

| | Weather. Morning. | Weather. Afternoon. | Weather. Night. | Temperature. Max. °F. | Temperature. Min. °F. | Temperature. Min. on Grass. °F. | Rainfall. mm. Day. | Rainfall. mm. Night. | Sunshine to Sunset. hrs. | Humidity. 15h. G.M.T. % | Humidity. 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 HOURS ENDED 0900 G.M.T. 18th | | | | | | | | YESTERDAY. | TO-DAY. | |
| Kew } 24 hours ended 0700 | ambcq | bcq | bq,bcc | * | * | 42 | - | - | 4.4 | * | * |
| Croydon } 24 hours ended 0700 | om3 | bbc3 | bc3b | * | * | 35 | - | Tr. | 5.9 | * | * |
| Greenwich (Royal Obsy.) | c | bcb | cbid | 56 | 46 | 39 | - | - | 5.8 | 64 | 78 |
| City (Bunhill Row) | * | * | * | * | * | * | * | * | 5.1 | * | * |
| Westminster (St. James' Pk.) | bc | bc | ombcp | 56 | 49 | 44 | * | * | 4.6 | 60 | 75 |
| Regent's Pk. (Botanic Gdns.) | * | * | * | * | * | * | * | * | 5.7 | * | * |
| Camden Square | bcw | bc | * | 59 | 46 | 41 | - | - | | * | 81 |
| Kensington Palace | bc | b | * | 55 | 47 | 41 | - | - | * | 78(8h) | 73 |
| Hampstead Observatory | bc | b | * | 53 | 45 | 39 | - | - | 5.9 | * | 67 |

### ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 17th

South Kensington

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| 0.6 | 18h.16m | <0.3 | 1-4h.17m |
| 0.6 | 8h.17m | | |

Kew Observatory

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| - | - | - | - |

### SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

### POLE STAR RECORD at Greenwich Obsy.

Exposure from 17th. 18h.00m. to 18th. 04h.30m.

| Stars. | Exposure. h. m. | Record. h. m. | Record. % |
|---|---|---|---|
| Polaris | 10.30 | 5.00 | 43 |
| δ Ursae Minoris | 16.30 | 4.31 | 39 |

### RADIO DISTURBANCES (Atmospherics) AT CROYDON.†

| Time. | Type. | No. per 1 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 12h. | $C_1C_2$ | 6 | - | 145 |
| 16h. | $C_1C_2$ | 6 | - | 155 |
| 01h. | $C_1C_2$ | 6 | - | 15 |
| 07h. | C | 5 | - | 145 |

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

18th and 19th October, 1922.

| STATIONS. | Sunrise. | Noon. | Sunset. |
|---|---|---|---|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth | 6.25 | 11.38 | 4.51 |
| | 6.26 | 11.38 | 4.50 |
| Greenwich | 6.30 | 11.45 | 5.0 |
| | 6.31 | 11.45 | 4.59 |
| Wick | 6.56 | 11.57 | 4.58 |
| | 6.58 | 11.57 | 4.56 |
| Valencia | 7.12 | 12.06 | 5.40 |
| | 7.13 | 12.06 | 5.38 |

### BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—be/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—
R = heavy rain.
rr = continuous moderate rain.
$r_0r_0$ = continuous light rain.

### SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

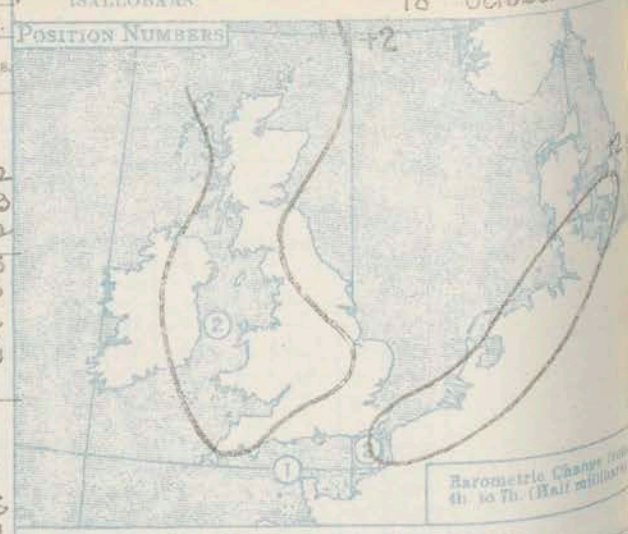
† For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 17th. | 13h.-18h. 17th. | 18h. 17th to 1h. 18th. | 1h.-7h. 18th. | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS. | RAINFALL.† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | c | bc | bc | bc | 51 | 45 | • | - | - | - | - | • |
| Stornoway ... ... | b.bc | b.bc | bbc | b | 56 | 34 | • | - | - | - | - | 7.9 |
| Wick ... ... ... | b.bc | b.bc | bbc | c | 52 | 49 | • | - | - | - | - | • |
| Castlebay ... ... | bcz | b3b | b | bc | 57 | 50 | • | - | - | - | - | 9.2 |
| Nairn ... ... ... | cbcm | b | bbcc | cq | 48? | 38 | • | - | - | - | - | 8.3 |
| Aberdeen ... ... | cmb | b.bc | bc | c | 56 | 48 | 42 | - | - | - | - | 6.2 |
| Malin Head ... ... | m | bc3 | b3 | c | 55 | 43 | • | - | - | - | - | 8.5 |
| Renfrew ... ... | bcobmz | bzz | o | o | 56 | 44 | 38 | - | - | - | - | 5.6 |
| Edinburgh (Inchkeith) | bc | b.bc | c | cd₀ | 55 | 47 | 41 | - | 0.1 | - | 06.30 | 9.1 |
| Leuchars ... ... | ocbc | | o | o | | 46 | 41 | | 0.1 | | 06.30 | 7.5 |
| Eskdalemuir ... ... | ocbc | bo | o | o | 53 | 41 | 38 | - | - | - | - | 7.3 |
| Tynemouth ... ... | b.bc | c | c | cmp | 53 | 49 | 45 | - | 0.1 | - | 06.30 | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | b.bc | b | c | o | 55 | 51 | • | - | - | - | - | • |
| Birr Castle ... ... | co | copb3 | bcco | co | 53 | 45 | 36 | - | - | - | - | • |
| Collinstown ... ... | cbcbm | bm | bbco | oo | 56 | 47 | • | - | - | - | - | 7.6 |
| Holyhead ... ... | b | b | bb | bbcco | 55 | 46 | 41 | - | - | - | - | 8.9 |
| Liverpool (Bidston) ... | bcbm | bmf | com | | 55 | 46 | 40 | - | - | - | - | 7.2 |
| Chester (Shotwick) ... | ombz | b.b3 | bmb | bcoc | 57 | 41 | 30 | - | - | - | - | • |
| Spurn Head ... ... | c | b.bc | c | c | 53 | 43 | • | - | 0.4 | - | 01.30 | 4.3 |
| Nottingham ... ... | c | c | c | cd₀ | 55 | 44 | 39 | - | 0.3 | - | 01.30 | 6.4 |
| Cranwell ... ... | b.bc | bcoco | or₀o | or₀o | 55 | 44 | 41 | - | 0.2 | - | 24.00 | 5.7 |
| Gorleston ... ... | bcq | bcq | bcq bq | cq bc | 53 | 50 | 48 | • | - | - | - | 8.6 |
| Valencia (Cahirciveen) | c | | c | o | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | bc3 | b3 | bbc | bbc | 56 | 46 | • | - | - | - | - | 7.4 |
| Ross-on-Wye ... ... | obcbc | bcybq | bbccb | bcco | 55 | 42 | 38 | - | - | - | - | 7.0 |
| Benson ... ... ... | ocbcb | b | b | oc | 58 | 39 | 35 | - | - | - | - | • |
| Andover ... ... | ocbcm | bm | bmbcc | coc | 55 | 31 | 30 | - | - | - | - | 6.7 |
| S. Farnborough ... | omcbcb3 | bzbm | bm | bbcc | 55 | 40 | 29 | - | - | - | - | 6.2 |
| London (Kew Obsy.) ... | ombcq | bcq | bqbc | bcc | 55 | 47 | 42 | - | - | - | - | 4.4 |
| Croydon ... ... | om3 | cbbc3 | bc3b | bcop₀ | 54 | 44 | 35 | - | Trace | - | 06.30 | 5.9 |
| Clacton-on-Sea ... | ocbc | bc | bc | bcop | 54 | 49 | 46 | - | 2? | - | 06.30 | 7.2 |
| Shoeburyness ... ... | ocbcb | b.bq | bbcq | bcbq | 56 | 48 | 45 | - | - | - | - | 6.4 |
| Grain ... ... | ocbc | b.bc | bbcc | bbc | 55 | 49 | 46 | - | - | - | - | 5.3 |
| Lympne ... ... | omcq | ocbcq | bbc | bccq | 53 | 45 | 40 | - | - | - | - | 5.2 |
| Scilly (St. Mary's) ... | bcmq | bcmq | omq | omq | 59 | 51 | • | - | - | - | - | 1.7 |
| Falmouth (Pendennis) | omq | omq | omq | | 55 | 50 | • | - | - | - | - | 1.1 |
| Plymouth (Cattewater) | bcmq | co.omq | bc | bbcc | 55 | 48 | 46 | - | - | - | - | 3.2 |
| Portland Bill ... ... | bcc | c | c | bbc | 57 | 45 | • | - | - | - | - | • |
| Southampton (Calshot) | c | b | bb | bb | 57 | 44 | 42 | - | - | - | - | 5.7 |
| Dungeness ... ... | b.bc | qz | bq | cq | 55 | 47 | • | - | - | - | - | • |
| Jersey 7h. ... | bc | bcco | c | oc | 60 | 46 | • | - | - | - | - | 5.5 |
| Guernsey 1h. | | | | | | | | | | | | |

ISALLOBARS 18th October




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea | Visibility |
|---|---|---|---|---|---|---|---|---|
| 2 | 17th 10h. | Scotia | E'N | 6 | b | 54 | 54 | 5 |
| 1 | 17th 13h. | Reindeer | E'N | 7 | o | 55 | 58 | 6 |
| 3 | 18th 3½ | Arundel | E | 6 | b | 47 | 57 | 7 |

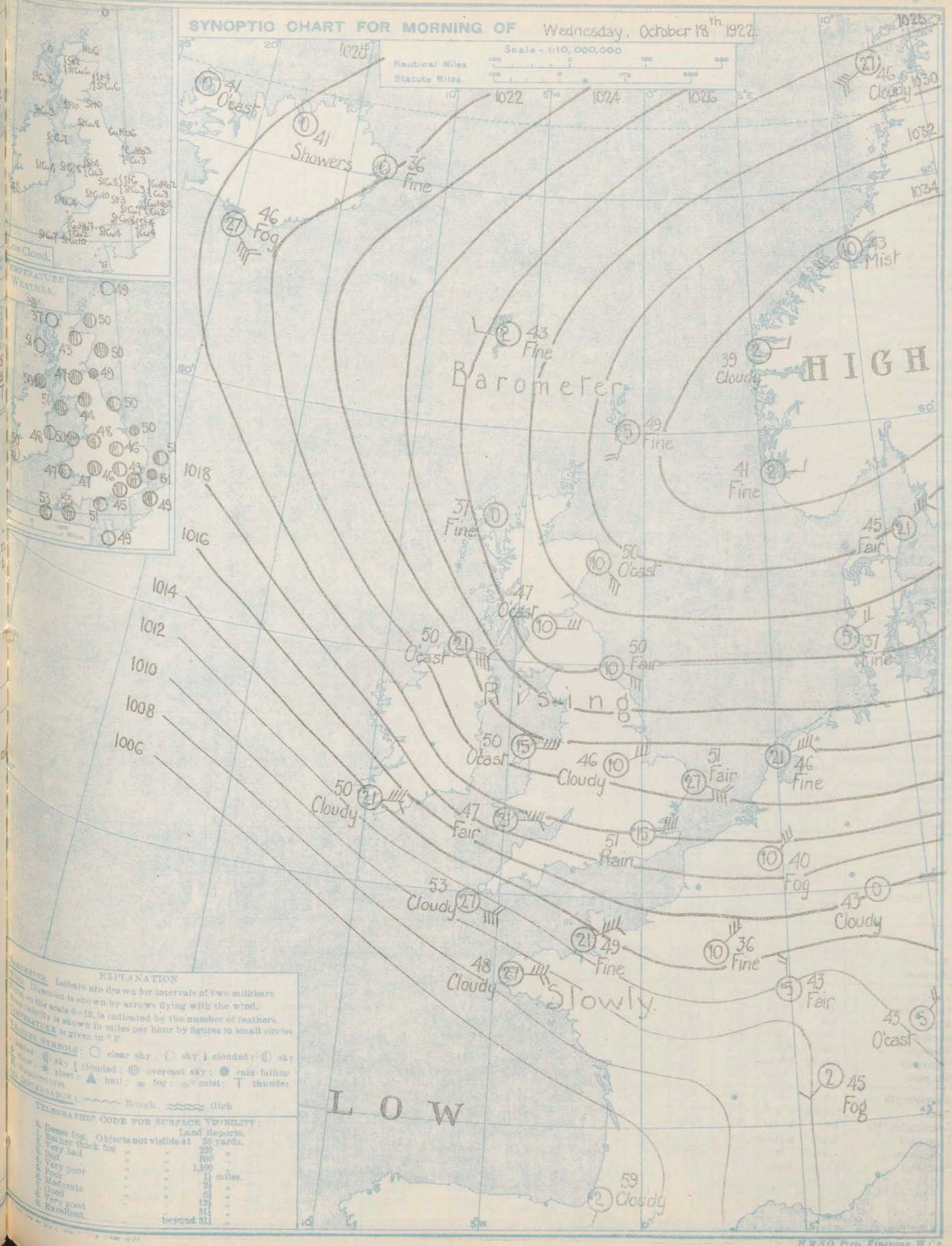
GENERAL INFERENCE.

The anticyclone persists over Scandinavia and the east to southeast wind current over the British Isles will be maintained. Showers will occur in the eastern districts especially on the coast but elsewhere weather will continue fine.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 18th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands | Wind Easterly fresh or strong; cloudy, showers in places; visibility moderate to good; moderate temperature. | Similar conditions will probably continue beyond the 24 hours. |
| 4. W. Midlands<br>5. S.W. England<br>6. South Wales | Wind Easterly fresh or strong; fair generally; visibility mainly good; moderate temperature. | |
| 7. North Wales<br>8. N.W. England<br>9. N. Midlands | Wind E to SE moderate or fresh; fair generally; visibility mainly good; moderate temperature. | |
| 10. N.E. England<br>11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man | Wind E to SE moderate, fresh at times; cloudy, showers in places; visibility mainly good; moderate temperature. | |
| 14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | Wind SE to S moderate or fresh; fair generally; visibility mainly good; moderate temperature. | |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Wind E to SE fresh or strong; fair generally; visibility mainly good; moderate temperature. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0915 G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.




EXPLANATION

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND. Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Wind-velocity is shown in miles per hour by figures in small circles.

TEMPERATURE is given in ° F.

WEATHER SYMBOLS: ○ clear sky; ◐ sky 1/2 clouded; ◐ sky 3/4 clouded; ◍ overcast sky; ● rain falling; ✱ snow; ✱ sleet; ▲ hail; ≡ fog; ≡° mist; T thunder; ⚡ thunderstorm.

SEA CONDITIONS: Rough; Slight.

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

| | | Land Reports. |
|---|---|---|
| 0 | Dense fog. Objects not visible at | 55 yards. |
| 1 | Rather thick fog " " | 220 " |
| 2 | Very bad " " | 550 " |
| 3 | Bad " " | 1,100 " |
| 4 | Very poor " " | 1 mile. |
| 5 | Poor " " | 2 " |
| 6 | Moderate " " | 6 " |
| 7 | Good " " | 13 " |
| 8 | Very good " " | 31 " |
| 9 | Excellent " | beyond 31 " |

H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Wednesday, 18th October ....1922. No. 291.

### Observations at 0100 G.M.T. ....18th.....

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1031.7 | 0 | SSW | 2 | b | 48 | 85 | 7 | - | - | 0 | - | 0 | • |
| Stornoway ... ... | 1028.9 | +2 | SE | 2 | b⁻ | • | • | 6 | • | • | • | • | • | • |
| Wick ... ... ... | 1029.5 | +2 | SSE | 5 | bc | 49 | 75 | 8 | 4000 | Cu | 4 | - | 4 | • |
| Castlebay ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head ... ... | 1022.9 | +1 | E | 6 | b⁺ | 50 | 75 | 7 | 5700 | StCu | 3 | - | 3 | • |
| Renfrew ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1027.7 | +2 | ESE | 4 | cd. | 49 | 75 | 9 | - | St | 8 | - | 8 | • |
| Leuchars ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth ... .. | 1026.6 | +1 | SE | 4 | c | 51 | 85 | 7 | 4000 | StCu | 8 | - | 8 | • |
| Blacksod Point ... | | | | | | | | | | | | | | • |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | 1021.1 | +2 | S'N | 5 | o⁺ | 49 | 85 | 5 | 2500 | StCu | 9 | - | 9 | • |
| Holyhead ... ... | 1020.2 | +2 | E'S | 5 | b | 49 | 75 | 8 | - | - | 0 | - | 0 | • |
| Liverpool (Bidston) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head ... ... | 1023.6 | +1 | E | 6 | c | 52 | 75 | 8 | 4000 | StCu | 8 | - | 8 | • |
| Nottingham ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell ... ... | 1023.1 | +2 | E'N | 4 | ov. | 49 | 85 | 7 | 1500 | Nb | 10 | - | 10 | • |
| Gorleston ... ... | 1021.5 | +1 | E'S | 6 | c⁺ | 50 | 75 | 7 | 5700 | Cu | 7 | - | 7 | • |
| Valencia (Cahirciveen) | 1013.6 | +1 | SE'S | 4 | bc | 54 | 92 | 7 | - | Cu | 6 | - | 6 | • |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1016.6 | +2 | E'N | 6 | b | 47 | 75 | 8 | - | - | 0 | - | 0 | • |
| Ross-on-Wye ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.) ... | • | • | • | • | • | 49 | • | • | • | • | • | • | • | • |
| Croydon ... ... | 1019.5 | +2 | E | 3 | b | 44 | 75 | 8 | 5700 | StCu | 2 | - | 2 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne ... ... | 1017.1 | 0 | ENE | 6 | bc | 46 | 75 | 8 | 4000 | StCu | 4 | - | 4 | • |
| Scilly (St. Mary's) ... | 1009.3 | 0 | SE'E | 6 | o | 55 | 85 | 6 | 2500 | StCu | 10 | - | 10 | • |
| Falmouth (Pendeanis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1014.2 | 0 | E | 8 | bc | 53 | 85 | 6 | 1500 | StCu | 4 | - | 4 | • |
| Southampton (Calshot) | 1018.4 | +2 | NE | 4 | b | 46 | 75 | 8 | - | - | 0 | - | 0 | • |
| Dungeness ... ... | 1017.4 | +1 | E | 8 | b | 49 | 75 | 8 | - | - | 0 | - | 0 | • |
| Jersey ·7h } ... ... | 1012.8 | +3 | ENE | 7 | o⁺ | 48 | 97 | 5 | - | - | 0 | ACu | 10 | • |
| Guernsey 1h } | | | | | | | | | | | | | | |

### Observations at 0700 G.M.T. .....18th.....

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1033.2 | +2 | SSW | 2 | b⁺ | 49 | 75 | 7 | - | - | 0 | CiCu | 3 | 1 |
| Stornoway ... ... | 1028.5 | +3 | - | 0 | b⁻ | 37 | 92 | 8 | - | - | 0 | - | 0 | 0 |
| Wick ... ... ... | 1031.0 | +2 | SSE | 5 | c⁺ | 50 | 75 | 8 | 4000 | Nb | 6 | Ci | 7 | 3 |
| Castlebay ... ... | 1027.4 | +1 | SE | 5 | b⁺ | 51 | 75 | 8 | 1500 | StCu | 3 | - | 3 | 5 |
| Nairn ... ... ... | 1030.3 | • | - | 0 | c⁺ | 43 | 85 | 8 | 1500 | StCu | 8 | - | 8 | • |
| Aberdeen ... ... | 1031.4 | +2 | SE | 3 | o | 50 | 85 | 6 | 1500 | StCu | 10 | - | 10 | 0 |
| Malin Head ... ... | 1023.8 | +2 | ESE | 5 | o | 50 | 75 | 7 | 5700 | StCu | 9 | - | 9 | 4 |
| Renfrew ... ... | 1028.4 | +3 | E | 3 | o | 47 | 85 | 5 | 2500 | St | 10 | - | 10 | • |
| Edinburgh (Inchkeith) | 1028.0 | +2 | E | 4 | od. | 49 | 85 | 8 | - | St | 10 | - | 10 | 3 |
| Leuchars ... ... | 1028.4 | +2 | E | 3 | o | 48 | 85 | 7 | 1500 | StCu | 10 | - | 10 | • |
| Eskdalemuir ... ... | 1028.3 | +1 | ENE | 2 | o | 44 | 85 | 8 | 4000 | StCu | 8 | ASt | 9 | • |
| Tynemouth ... .. | 1027.7 | +1 | ESE | 3 | bc⁻ | 50 | 85 | 7 | 2500 | CuNb | 6 | - | 6 | 3 |
| Blacksod Point ... | 1024.4 | +2 | SE | 4 | o⁻ | 51 | 85 | 7 | 4000 | StCu | 7 | ACu | 9 | 3 |
| Donaghadee ... ... | 1019.9 | • | SE | 2 | c⁺ | 47 | 75 | 7 | 4000 | Cu | 8 | - | 8 | • |
| Birr Castle ... ... | 1022.9 | +2 | E'N | 4 | bc⁻ | 46 | 75 | 8 | 1500 | StCu | 4 | - | 4 | • |
| Collinstown ... ... | 1022.9 | +2 | E'N | 4 | o⁻ | 50 | 85 | 7 | 4000 | StCu | 8 | ASt | 9 | 2 |
| Holyhead ... ... | 1022.3 | +2 | E'N | 4 | fc⁻ | 48 | 75 | 3 | 2500 | St | 7 | - | 7 | 4 |
| Liverpool (Bidston) ... | 1023.2 | +2 | E | 2 | c⁻ | 45 | 85 | 8 | 1500 | St | 7 | - | 7 | • |
| Chester (Shotwick) ... | | | | | | | | | | | | | | |
| Spurn Head ... ... | 1024.4 | +1 | E'S | 6 | bcfq | 50 | 85 | 7 | 4000 | Cu | 6 | - | 6 | 6 |
| Nottingham ... ... | 1023.5 | • | ENE | 3 | c | 46 | 85 | 7 | 1500 | StCu | 8 | - | 8 | • |
| Cranwell ... ... | 1024.3 | +2 | NE'E | 3 | o/v | 45 | 92 | 7 | 1500 | St | 9 | - | 9 | • |
| Gorleston ... ... | 1022.6 | +1 | E'S | 6 | bc | 51 | 75 | 7 | 2500 | Cu | 5 | - | 5 | 6 |
| Valencia (Cahirciveen) | 1013.9 | +2 | E | 5 | c⁺ | 50 | 85 | 9 | - | St | 8 | - | 8 | |
| Roches Point ... ... | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1018.5 | +2 | E | 5 | bc | 47 | 75 | 8 | 4000 | StCu | 4 | - | 4 | 4 |
| Ross-on-Wye ... ... | 1020.6 | +1 | ENE | 3 | o | 47 | 75 | 8 | 4000 | StCu | 10 | - | 10 | • |
| Benson... ... ... | 1020.3 | +2 | NE | 3 | bc⁻ | 46 | 75 | 8 | - | St | 3 | ACu | 5 | • |
| Andover ... ... | 1019.6 | 0 | E | 3 | c⁻ | 42 | 92 | 7 | 1500 | St | 7 | ACu | 8 | • |
| S. Farnborough ... | 1019.3 | +1 | E'N | 3 | c⁺ | 49 | 85 | 7 | 4000 | StCu | 8 | - | 8 | • |
| London (Kew Obsy.) ... | 1020.4 | +1 | E'N | 4 | c | 49 | 65 | 6 | 4000 | StCu | 7 | - | 7 | • |
| Croydon ... ... | 1020.0 | 0 | ENE | 3 | o/v | 47 | 85 | 7 | 4000 | StCu | 9 | - | 9 | • |
| Clacton-on-Sea ... | 1020.7 | +1 | E | 6 | ov. | 51 | 85 | 6 | 1500 | Nb | 10 | - | 10 | 5 |
| Shoeburyness ... ... | 1021.4 | 0 | E | 6 | bc⁻ | 50 | 75 | 8 | 2500 | Cu | 4 | - | 4 | • |
| Grain ... ... ... | 1020.7 | +1 | E | 6 | c⁻ | 50 | 75 | 8 | 1500 | St | 8 | - | 8 | 6 |
| Lympne ... ... | 1019.6 | +3 | ENE | 5 | c | 45 | 92 | 8 | 1500 | Cu | 8 | - | 8 | • |
| Scilly (St. Mary's) ... | 1010.6 | +1 | ESE | 6 | c⁻ | 53 | 75 | 6 | 4000 | StCu | 7 | - | 7 | 7 |
| Falmouth (Pendeanis) | 1012.4 | +2 | E | 8 | o | 53 | 85 | 7 | 4000 | StCu | 10 | - | 10 | 6 |
| Plymouth (Cattewater) | 1014.8 | +2 | E | 6 | o⁻ | 48 | 85 | 8 | 2500 | CuNb | 9 | - | 9 | 1 |
| Portland Bill ... ... | 1016.6 | +2 | E | 8 | bcq | 51 | 85 | 7 | 1500 | StCu | 4 | - | 4 | 6 |
| Southampton (Calshot) | 1018.8 | +1 | ENE | 5 | b⁺ | 46 | 85 | 8 | 4000 | StCu | 2 | - | 2 | 6 |
| Dungeness ... ... | 1018.1 | +2 | E | 8 | c⁺ | 49 | 75 | 8 | 4000 | Cu | 7 | - | 7 | 7 |
| Jersey ·7h } ... ... | 1013.1 | 0 | ENE | 5 | b | 49 | 75 | 8 | - | - | 0 | - | 0 | 4 |
| Guernsey 1h } | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR... Tuesday, 17th October.

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 16th. °F. | Temperature. Max. Day. 17th. °F. | Rainfall.† Night 17h.-9h. 16th-17th. mm. | Rainfall.† Day 9h.-17h. 17th. mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. 17th. hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | b | b | 43 | 56 | - | - | | 9.1 |
| Montrose ... ... | * | * | 43 | 54 | - | - | | 7.2 |
| Llandudno ... ... | b | b | 46 | 57 | - | - | | 8.4 |
| Colwyn Bay ... | bc | bcc | 49 | 56 | - | - | | 6.6 |
| Rhyl... ... ... | bc | bc | 47 | 57 | - | - | | 8.6 |
| Southport ... ... | b | b | 45 | 56 | - | - | | 8.4 |
| Blackpool .. ... | cb | bcc | 48 | 56 | - | - | | 9.3 |
| Harrogate ... ... | b.bcb | b.bco | 44 | 52 | - | - | | 5.6 |
| Skegness ... ... | bc | bco | 52 | 55 | - | - | | 6.9 |
| Aberystwyth ... | cb | b | 49 | 57 | - | - | | 8.8 |
| Bath ... ... | ocbcb | b | 44 | 57 | - | - | | 6.1 |
| Leamington Spa ... | bc | bcb | 49 | 56 | - | - | | 7.7 |
| Lowestoft ... ... | b.bc | bcbco | 50 | 54 | - | - | | 8.5 |
| Felixstowe ... ... | cbc | bc | 51 | 54 | - | - | | 7.0 |
| Southend ... ... | cbcq | bcq | 50 | 55 | - | - | | 6.5 |

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 16th. °F. | Temperature. Max. Day. 17th. °F. | Rainfall.† Night 17h.-9h. 16th-17th. mm. | Rainfall.† Day 9h.-17h. 17th. mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. 17th. hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton ... ... | oqocq | oq | 53 | 56 | - | - | | 0.0 |
| Ilfracombe ... ... | coc | cbcb | 50 | 56 | - | - | | 4.0 |
| Bude ... ... | wccbc | b | 49 | 58 | - | - | | 9.2 |
| Penzance ... ... | co | co | 54 | 58 | - | - | | 0.5 |
| Falmouth Observatory | ocm | cmom | 54 | 57 | - | - | | 1.2 |
| Torquay ... ... | o | o | 52 | 56 | - | - | | 0.6 |
| Weymouth ... | cbcb | b | 48 | 58 | - | - | | 5.9 |
| Bournemouth ... | bcb | b | 46 | 57 | - | - | | 6.7 |
| Portsmouth (S'thsea) | b | b | 49 | 58 | - | - | | 7.2 |
| Worthing ... | bbc | b | 49 | 57 | - | - | | 7.9 |
| Brighton ... | bcb | b | 49 | 57 | - | - | | 7.2 |
| Eastbourne ... | oc | cbc | 47 | 55 | - | - | | 1.9 |
| Hastings ... ... | cbcc | cobcb | 49 | 54 | - | - | | 4.8 |
| Folkestone ... ... | o | bc | 49 | 55 | - | - | | 4.0 |
| Tunbridge Wells ... | ocb | b | 49 | 56 | - | - | | 6.0 |
| Ramsgate ... ... | cbc | bc | 49 | 55 | - | - | | 5.2 |
| Margate ... ... | oc | bcb | 49 | 54 | - | - | | 3.9 |
| Deal ... ... ... | oc | bcb | 50 | 56 | - | - | | 5.1 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 3. § See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22246 Thursday, 19th October 1922. 

Observations at 1300 G.M.T. 18th.

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility§ 0-9 | Height of Low Cloud Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1035.3 | +1 | S | 2 | bc+ | 51 | 75 | 7 | 5700 | Cu Nb | 4 | - | 4 | * |
| Stornoway | 1030.6 | +2 | ESE | 2 | b+ | 53 | 75 | 7 | 4000 | Cu | 3 | - | 3 | * |
| Wick | 1032.8 | +1 | SE | 5 | bc | 51 | 85 | 9 | 4000 | Cu | 2 | A.Cu | 4 | * |
| Castlebay | 1029.1 | +1 | E | 5 | bc+ | 53 | 65 | 8 | 2500 | St.Cu | 6 | - | 6 | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1033.0 | +2 | SE'S | 4 | bc | 51 | 85 | 8 | 2500 | Cu | 4 | - | 4 | * |
| Malin Head | 1025.5 | +1 | E | 6 | c | 53 | 85 | 7 | 4000 | Cu | 8 | - | 8 | * |
| Renfrew | 1028.5 | +1 | E | 3 | o+ | 52 | 65 | 7 | 2500 | St.Cu | 9 | - | 9 | * |
| Edinburgh (Inchkeith) | 1029.7 | +1 | ESE | 4 | od₀ | 51 | 75 | 8 | - | St.Cu | 9 | - | 9 | * |
| Leuchars | 1030.7 | +2 | E | 4 | bc | 53 | 75 | 8 | 2500 | St.Cu | 5 | - | 5 | * |
| Eskdalemuir | 1029.1 | +1 | E | 5 | opr₀ | 48 | 75 | 8 | 1500 | St.Cu | 10 | - | 10 | * |
| Tynemouth | 1029.1 | 0 | ESE | 4 | bc | 51 | 85 | 7 | 4000 | Cu Nb | 3 | A.Cu | 5 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1025.7 | +1 | ESE | 4 | c- | 53 | 85 | 8 | 4000 | St.Cu | 7 | - | 7 | * |
| Birr Castle | 1020.7 | * | SE | 2 | c- | 53 | 65 | 8 | 4000 | Cu | 7 | - | 7 | * |
| Collinstown | 1024.1 | +1 | E'N | 6 | c | 53 | 75 | 7 | 5700 | Cu | 8 | - | 8 | * |
| Holyhead | 1022.7 | -1 | E'N | 6 | b | 54 | 75 | 8 | 4000 | Cu | 2 | - | 2 | * |
| Liverpool (Bidston) | 1024.0 | -1 | E'N | 6 | bc | 52 | 65 | 5 | 2500 | Cu | 4 | - | 4 | * |
| Chester (Shotwick) | 1024.2 | 0 | E | 4 | c+ | 53 | 75 | 8 | 4000 | St.Cu | 8 | - | 8 | * |
| Spurn Head | 1025.8 | +1 | E | 6 | opr₀ | 50 | 85 | 7 | 4000 | Cu Nb | 9 | - | 9 | * |
| Nottingham | 1023.9 | * | E | 4 | c | 50 | 75 | 7 | 1500 | Cu Nb | 4 | A.Cu | 7 | * |
| Cranwell | 1024.8 | +1 | E'N | 5 | o | 41 | 92 | 8 | 2500 | St.Cu | 9 | - | 9 | * |
| Gorleston | 1024.3 | +1 | E'S | 6 | c- | 50 | 75 | 7 | 2500 | St.Cu | 7 | - | 7 | * |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1019.5 | +1 | E | 6 | c+ | 53 | 65 | 8 | 2500 | Cu Nb | 8 | - | 8 | * |
| Ross-on-Wye | 1020.6 | -1 | E'N | 5 | c | 52 | 65 | 8 | 4000 | St.Cu | 7 | - | 7 | * |
| Benson | 1021.1 | 0 | ENE | 6 | c | 51 | 65 | 9 | - | Cu Nb | 7 | - | 7 | * |
| Andover | 1019.5 | +1 | E | 6 | bc | 52 | 65 | 5 | 4000 | Cu | 6 | - | 6 | * |
| S. Farnborough | 1019.9 | 0 | E | 4 | c- | 55 | 65 | 7 | 4000 | Cu | 7 | - | 7 | * |
| London (Kew Obsy.) | 1020.8 | 0 | ENE | 6 | bc/r | 50 | 65 | 6 | 2500 | Cu Nb | 4 | A.Cu | 5 | * |
| Croydon | 1020.5 | 0 | E | 6 | bc/r | 49 | 75 | 7 | 4000 | St.Cu | 6 | - | 6 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | 1021.7 | 0 | E'S | 6 | bcpr₀ | 52 | 75 | 8 | 2500 | Cu | 5 | - | 5 | * |
| Grain | 1021.2 | 0 | ENE | 6 | c | 52 | 75 | 8 | 2500 | St.Cu | 8 | - | 8 | * |
| Lympne | 1020.3 | -1 | NE'E | 6 | c | 48 | 75 | 8 | 2500 | St.Cu | 9 | - | 9 | * |
| Scilly (St. Mary's) | 1013.1 | +1 | E'S | 6 | c | 54 | 75 | 7 | 4000 | Cu | 8 | - | 8 | * |
| Falmouth (Pendennis) | ? | -2 | E | 10 | bc- | 54 | 75 | 7 | 4000 | Cu | 5 | - | 5 | * |
| Plymouth (Cattewater) | 1015.4 | -1 | E | 7 | c- | 52 | 75 | 8 | 4000 | Cu | 8 | - | 8 | * |
| Portland Bill | 1016.6 | 0 | E | 8 | c+ | 52 | 85 | 7 | 1500 | St.Cu | 7 | - | 7 | * |
| Southampton (Calshot) | 1018.8 | -1 | ENE | 6 | bc | 52 | 65 | 8 | 4000 | St.Cu | 5 | - | 5 | * |
| Dungeness | 1018.9 | +1 | E | 6 | bc+ | 51 | 75 | 8 | 4000 | Cu | 5 | - | 5 | * |
| Jersey 7h / Guernsey 1h | 1013.2 | 0 | ENE | 6 | b | 52 | 65 | 8 | 4000 | St.Cu | 1 | - | 1 | * |

Observations at 1800 G.M.T. 18th.

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility§ 0-9 | Height of Low Cloud Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1035.3 | 0 | S | 1 | b | 48 | 75 | 8 | 5700 | St.Cu | 1 | - | 1 | 0 |
| Stornoway | 1030.9 | 0 | - | 0 | b- | 45 | 92 | 7 | 4000 | Cu | 3 | - | 3 | 0 |
| Wick | 1033.4 | +1 | SE | 4 | b | 50 | 75 | 8 | 4000 | Cu | 1 | - | 1 | 3 |
| Castlebay | 1029.4 | +1 | E | 5 | bc | 52 | 75 | 8 | 2500 | St.Cu | 6 | - | 6 | 4 |
| Nairn | 1032.4 | * | - | 0 | bc- | 43 | 85 | 8 | 4000 | Cu | 4 | - | 4 | * |
| Aberdeen | 1033.7 | +1 | SE'E | 3 | b- | 48 | 85 | 8 | 2500 | Cu | 3 | - | 3 | 3 |
| Malin Head | 1026.3 | +1 | ESE | 5 | b | 53 | 75 | 4 | 5400 | Nb | 1 | A.Cu | 3 | 4 |
| Renfrew | 1030.3 | +2 | E | 3 | o | 50 | 75 | 6 | 4000 | St.Cu | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1030.8 | +2 | ESE | 3 | b | 48 | 75 | 8 | - | Cu | 2 | - | 2 | 3 |
| Leuchars | 1031.4 | +1 | E | 4 | c- | 48 | 75 | 8 | 1500 | St.Cu | 7 | - | 7 | 5 |
| Eskdalemuir | 1030.1 | +1 | NE | 3 | b | 43 | 85 | 8 | 2500 | St.Cu | 3 | - | 3 | * |
| Tynemouth | 1029.2 | 0 | E | 5 | o/r | 50 | 85 | 7 | 4000 | St.Cu | 10 | - | 10 | 6 |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1025.9 | +1 | ESE | 6 | bc | 53 | 85 | 8 | 4000 | Cu | 3 | A.Cu | 5 | 6 |
| Birr Castle | 1021.1 | * | SE | 3 | bc | 50 | 75 | 6 | 4000 | Cu | 5 | - | 5 | * |
| Collinstown | 1024.6 | +1 | E | 5 | c | 51 | 85 | 6 | 1500 | St.Cu | 8 | - | 8 | * |
| Holyhead | 1023.9 | +2 | E'N | 4 | bc+ | 51 | 85 | 7 | 4000 | Cu | 3 | A.St | 4 | 3 |
| Liverpool (Bidston) | 1024.6 | +1 | ENE | 5 | o+ | 50 | 75 | 4 | 2500 | Cu | 10 | - | 10 | 6 |
| Chester (Shotwick) | 1024.7 | +1 | E'N | 2 | o+ | 48 | 75 | 7 | 4000 | St.Cu | 9 | - | 9 | * |
| Spurn Head | 1026.4 | +1 | E | 6 | cpr₀ | 50 | 75 | 8 | 4000 | Nb | 5 | A.St | 8 | 6 |
| Nottingham | 1024.8 | * | NE | 2 | bc- | 47 | 85 | 6 | 1500 | Nb | 5 | A.Cu | 6 | * |
| Cranwell | 1025.4 | +1 | NE'E | 3 | bc/r | 47 | 92 | 7 | 1500 | St.Cu | 4 | - | 4 | * |
| Gorleston | 1023.8 | 0 | E | 6 | c | 50 | 75 | 7 | 4000 | Cu | 7 | - | 7 | 6 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1019.6 | +2 | E | 5 | b | 51 | 65 | 8 | 4000 | Cu | 2 | - | 2 | 5 |
| Ross-on-Wye | 1021.6 | +2 | ENE | 4 | b | 47 | 75 | 8 | - | - | 0 | - | 0 | * |
| Benson | 1021.8 | +2 | ENE | 5 | bc | 47 | 75 | 8 | - | Cu | 5 | - | 5 | * |
| Andover | 1020.3 | +1 | E | 4 | o+ | 47 | 75 | 7 | 2500 | St.Cu | 10 | - | 10 | * |
| S. Farnborough | 1020.5 | +2 | E | 3 | cr₀ | 46 | 85 | 7 | 4000 | Nb | 8 | - | 8 | * |
| London (Kew Obsy.) | 1021.0 | +1 | ENE | 4 | c | 49 | 75 | 5 | 4000 | St.Cu | 8 | - | 8 | * |
| Croydon | 1020.8 | 0 | E'N | 3 | o/r | 47 | 85 | 6 | 4000 | St.Cu | 9 | - | 9 | * |
| Clacton-on-Sea | 1021.8 | +1 | E | 6 | c/r | 50 | 75 | 7 | 2500 | Cu Nb | 7 | - | 7 | 5 |
| Shoeburyness | 1021.7 | 0 | ESE | 7 | bcpr₀ | 49 | 75 | 8 | 2500 | Cu | 4 | - | 4 | * |
| Grain | 1021.2 | +1 | ENE | 7 | c- | 50 | 65 | 8 | 4000 | St.Cu | 8 | - | 8 | 6 |
| Lympne | 1020.3 | 0 | ENE | 6 | bc- | 46 | 75 | 8 | 2500 | St.Cu | 5 | - | 5 | * |
| Scilly (St. Mary's) | 1013.1 | 0 | ESE | 6 | b | 52 | 75 | 7 | 4000 | Cu | 3 | - | 3 | 7 |
| Falmouth (Pendennis) | 1013.4 | +2 | E | 8 | c+ | 53 | 75 | 6 | 5700 | St.Cu | 8 | - | 8 | 6 |
| Plymouth (Cattewater) | 1016.3 | +2 | E | 6 | c- | 51 | 75 | 8 | 2500 | Cu | 8 | - | 8 | 1 |
| Portland Bill | 1016.6 | 0 | E | 8 | c+ | 52 | 85 | 7 | 1500 | St.Cu | 7 | - | 7 | 7 |
| Southampton (Calshot) | 1019.5 | +2 | NE | 5 | c | 49 | 75 | 8 | 4000 | St.Cu | 7 | - | 7 | 6 |
| Dungeness | 1018.3 | -1 | E | 7 | bc | 50 | 85 | 8 | 4000 | Cu | 6 | - | 6 | 7 |
| Jersey 7h / Guernsey 1h | 1013.0 | 0 | ENE | 6 | b | 52 | 75 | 8 | 4000 | St.Cu | 1 | - | 1 | 6 |

London Observations (Weather, Temperature, Rainfall: 24 Hours ended 0900 G.M.T. 19th; Sunshine and Humidity 13h: Yesterday; Humidity 9h: To-day)

| London Observations | Weather Morning | Weather Afternoon | Weather Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. | Humidity 13h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | orp,eq | op,zq | bcp.bm | * | * | 38 | 0.1 | 0.3 | 3.2 | * | * |
| Croydon (24 hours ended 0700) | o.c.bcp | bc.opr | op.cmo | * | * | 39 | 0.3 | 1 | 6.1 | * | * |
| Greenwich (Royal Obsy.) | o.c.id | bcid | o.bc.id | 54 | 45 | 36 | · | 1 | 3.8 | 68 | 62 |
| City (Bunhill Row) | * | * | * | * | * | * | * | * | 4.1 | * | * |
| Westminster (St. James' Pk.) | * | * | * | 55 | 44 | 40 | 0.9 | | 3.9 | 66 | 63 |
| Regent's Pk. (Botanic Gdns). | * | * | * | * | * | * | * | * | 4.0 | * | * |
| Camden Square | bc | b | * | 55 | 40 | 36 | 0.3 | - | * | * | 66 |
| Kensington Palace | c.b | c.b | * | 54 | 41 | 35 | 0.9 | 0.3 | * | 76 (18h) | 64 |
| Hampstead Observatory | * | * | * | 50 | 40 | 35 | 0.3 | - | 3.5 | * | 64 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 18th.

| Station | Max. | Time. | Min. | Time. |
|---|---|---|---|---|
| South Kensington | 0.6<br>0.6 | 18h.17th<br>9h.18th | <0.3 | 1-3h.18th |
| Kew Observatory | 0.7<br>0.7 | 20h.17th<br>9h.18th | <0.3 | 3h.18th |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate .............. Milliwatts.

Maximum Rate .............. Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 18th 18 h. 0 m. to 19th 5 h. 30 m.

| Stars. | Exposure h. m. | Record h. m. | Record % |
|---|---|---|---|
| Polaris | 11 30 | 6 5 | 55 |
| δ Ursae Minoris | 11 30 | 4 36 | 40 |

**Radio Disturbances (Atmospherics) at Croydon.**

| Time. | Type. | No. per 1 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | C | 6 | - | 145 |
| 18h. | C | 6 | - | 155 |
| 01h. | C, C2 | 6 | - | 45 |
| 07h. | C C2 | 6 | - | 100 |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.**

19th & 20th October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.26<br>6.28 | 11.38<br>11.38 | 4.50<br>4.48 |
| Greenwich | 6.31<br>6.33 | 11.45<br>11.45 | 4.59<br>4.57 |
| Wick | 6.58<br>7.0 | 11.57<br>11.57 | 4.56<br>4.54 |
| Valencia | 7.13<br>7.15 | 12.26<br>12.26 | 5.38<br>5.36 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**

0=no swell, 1=mod. swell, 2=heavy swell: Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell: Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

For explanation see introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

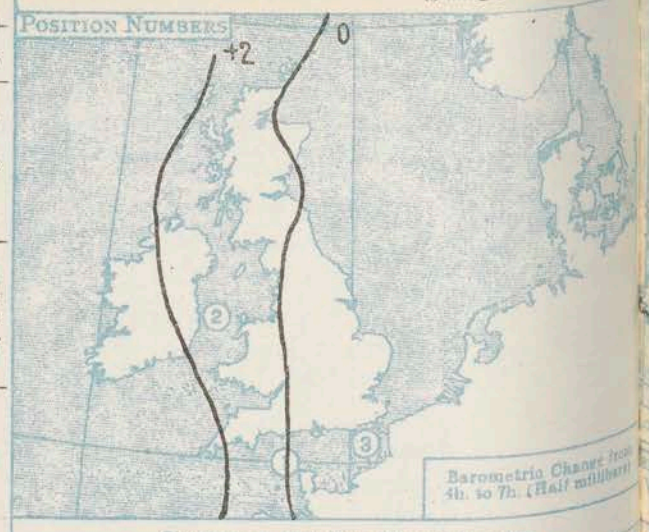


SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 18th | WEATHER. 13h.-18h. 18th | WEATHER. 18h. 18th to 1h. 19th | WEATHER. 1h.-7h. 19th | TEMPERATURE. MAX. Day. 7h.-18h. | TEMPERATURE. MIN. Night. 18h.-7h. | TEMPERATURE. MIN. on GRASS | RAINFALL.† Day. 7h.-18h. mm. | RAINFALL.† Night. 18h.-7h. mm. | RAINFALL.† Precipitation began. | RAINFALL.† Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | bc | bc | b | b | 53 | 41 | * | - | - | - | - | * |
| Stornoway ... ... | b.bc | b.bc | b | b | 54 | 33 | * | - | - | - | - | 5.9 |
| Wick ... ... ... | c | b.bc | b.bc | b.bc | 52 | 44 | * | - | - | - | - | * |
| Castlebay ... ... | bc | c | c.b | bc | 55 | 46 | * | - | - | - | - | 5.4 |
| Nairn ... ... ... | cbcq | bc | bc.bx | bc | 53 | 33 | * | - | - | - | - | 1.8 |
| Aberdeen ... ... | prbc | bccb | bc | b.bc | 53 | 46 | 38 | Trace | - | 1230 | - | 2.2 |
| Malin Head ... ... | c | c | b.bc | b.bc | 54 | 48 | * | - | - | - | - | 3.0 |
| Renfrew ... ... | ombco | op.o | oz.bc | om | 53 | 43 | 36 | - | - | - | - | 3.1 |
| Edinburgh (Inchkeith) | id. | c | oo | cir | 53 | 44 | 40 | Trace | trace | 1730 | 06.30 | 2.5 |
| Leuchars ... ... | obcpr | oo | oo | o8 | 54 | 43 | 40 | Trace | trace | L0800 | - | 2.8 |
| Eskdalemuir ... ... | opo | orpb | b.bc | o.c.o | 49 | 34 | 34 | Trace | - | 1100 | - | 0.4 |
| Tynemouth ... ... | c | oir. | c | cp. | 54 | 44 | 43 | 0.3 | trace | 1430 | 01.30 | * |
| Blacksod Point ... | | | | | | | * | | | | | * |
| Donaghadee ... ... | c | bcq | bcq.F | bcq | 55 | 44 | * | - | - | - | - | * |
| Birr Castle ... ... | co | cobc3 | c.oz | c.obx | 55 | 40 | 33 | - | - | - | - | * |
| Collinstown ... ... | bccq | cocq | c.bczq | oo | 54 | 44 | * | - | - | - | - | 6.0 |
| Holyhead ... ... | ocbbc | bbc | bc.c.b | b.bc.co | 54 | 44 | 43 | - | - | - | - | 8.0 |
| Liverpool (Bidston) ... | bcbm | bcm | cm | | 54 | 43 | 36 | - | - | * | - | 6.4 |
| Chester (Shotwick) ... | cbcc | cp.rbcco | o.bbwz | b.bc.wz | 55 | 40 | 33 | Trace | - | 1330 | * | * |
| Spurn Head ... ... | c | c | p | p | 54 | 45 | * | 0.2 | 1 | L0800 | 22.00 | 3.0 |
| Nottingham ... ... | p | p | p | p | 53 | 43 | 42 | 1 | 2 | L0800 | 22.00 | 5.2 |
| Cranwell ... ... | cojo | ocp | tR | c.or.p | 52 | 41 | 34 | 1 | 6 | L0800 | 22.00 | 4.5 |
| Gorleston ... ... | bcpcq | cq | bcq.pr | bcq | 53 | 44 | 44 | Trace | trace | 0900 | 22.00 | 3.0 |
| Valencia (Cahirciveen) | | | bc | bc | | | | | | | | |
| Roches Point ... ... | | | | | | | * | | | | | * |
| Pembroke (St. Ann's H.) | cqg | bcq | b.bc | b.bc | 54 | 43 | * | - | - | * | - | 5.2 |
| Ross-on-Wye ... ... | cbbcccq | bccmbcb | b | bw.bc.b | 54 | 41 | 34 | - | - | * | - | 6.4 |
| Benson... ... ... | oco | bc | bc.b | b | 55 | 38 | 35 | - | - | - | - | * |
| Andover ... ... | oo | bcqco | o.bc.bc.b | b.bc.co8 | 54 | 39 | 33 | - | 0.1 | - | - | 4.6 |
| S. Farnborough ... | cgcq | cprbcpqcjp | c.o.c | cir | 56 | 41 | 35 | Trace | 0.2 | 1330 | L21.00 | 5.9 |
| London (Kew Obsy.) ... | orpcq | opbcc3jcB | b.bcp.bc | b.bcm | 54 | 42 | 38 | 0.1 | 0.3 | 0900 | 24.00 | 3.2 |
| Croydon ... ... | ocbcp. | bcopr | op.cmo | o.o.c.c | 53 | 44 | 39 | 0.3 | 1 | 0900 | L21.00 | 6.1 |
| Clacton-on-Sea ... | ocp | cp | cp | c | 52 | 44 | 43 | 0.4 | 0.1 | L0800 | L21.00 | 4.9 |
| Shoeburyness ... ... | bcwcqpr. | bcq.pr | bcq.pr. | bcq | 53 | 44 | 43 | 0.4 | 0.3 | 0900 | L21.00 | 4.3 |
| Grain ... ... ... | opoc | copqc | c.bmpq | c.o.bq | 52 | 46 | 44 | 0.6 | 0.3 | L0800 | L21.00 | 4.6 |
| Lympne ... ... | cpr. | ocqprc | c | bc.cbq | 51 | 43 | 40 | Trace | - | 0900 | - | 2.9 |
| Scilly (St. Mary's) ... | cq | c | c | c | 55 | 45 | * | - | - | - | - | 2.9 |
| Falmouth (Pendennis) | ombcq | cmcmq | | o.c.g.bc | 55 | 44 | * | - | - | - | - | 5.3 |
| Plymouth (Cattewater) | co | cq | bc.b | bq | 53 | 48 | 41 | - | - | - | - | 4.6 |
| Portland Bill ... ... | bccd | cq | c.o | o.c | 53 | 44 | * | - | - | - | - | * |
| Southampton (Calshot) | c | bcq | b.bw | bwbcco | 54 | 45 | 40 | - | - | - | - | 6.4 |
| Dungeness ... ... | c | oo | cq | cq | 54 | 45 | * | - | - | - | - | * |
| Jersey 7h. ... | b. | bcb | f.m. | b.o | 54 | 44 | * | - | - | - | - | 9.0 |
| Guernsey 1h. | | | | | | | | | | | | |

ISALLOBARS. 19th October 1922

POSITION NUMBERS




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. | Visibility. |
|---|---|---|---|---|---|---|---|---|
| 2 | 18th 1010 | Scotia | E'N | 6 | bc | 55 | 58 | 4 |
| 3 | 19th 0300 | Dieppe | E'N | 5 | bc | 48 | 54 | 4 |

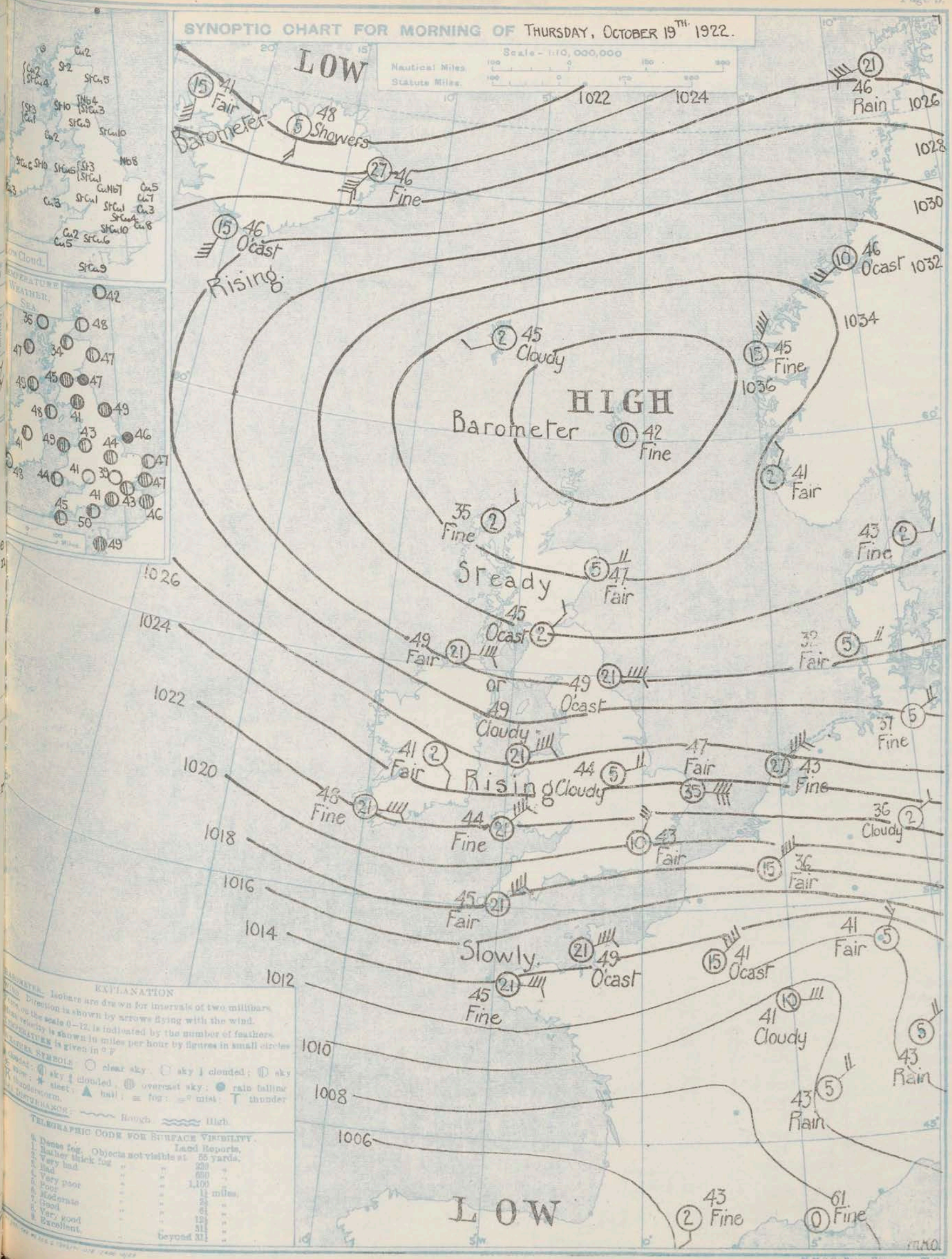
GENERAL INFERENCE.

The anticyclone over Scandinavia and the depression between S.W. England and the Azores maintain their positions with little change. Winds will continue mainly from an easterly point, strong at times, and weather fair apart from showers in places.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 19th October, 1922. | Further Outlook. |
|---|---|---|
| ▼1. S.E. England<br>▼2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>▼5. S.W. England<br>▼6. South Wales<br>▼7. North Wales<br>▼8. N.W. England<br>9. N. Midlands<br>▼10. N.E. England | Wind easterly fresh or strong; mainly fair but showers in places; visibility good; moderate temperature. | Similar conditions appear likely to continue two or three days.<br><br>▼ South Cone Hoisted 1600 G.M.T. Yesterday |
| 11. E. Scotland<br>12. S.W. Scotland<br>▼13. Isle of Man | Wind easterly moderate or fresh; mainly fair but showers in places; visibility good; moderate temperature. | |
| 14. N.&N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | Wind E. to S.E. light or moderate; fair but local showers; visibility good; moderate temperature. | |
| ▼17. N.W. Ireland<br>18. N.E. Ireland<br>▼19. S.E. Ireland<br>▼20. S.W. Ireland | Fresh easterly wind, strong at times; mainly fair but showers in places; visibility good; moderate temperature. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at [illegible] G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF THURSDAY, OCTOBER 19TH 1922.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
Barometer
15 41 Fair
5 48 Showers
27 46 Fine
15 46 O'cast
Rising
21 46 Rain
10 46 O'cast
1022
1024
1026
1028
1030
1032
1034
1036
HIGH
Barometer
0 42 Fine
2 45 Cloudy
15 45 Fine
2 41 Fair
35 2 Fine
43 2 Fine
Steady
5 47 Fair
45 O'cast 2
49 Fair 21
or
49 O'cast
49 Cloudy 21
32 Fair 5
37 Fine 5
41 2 Fair
Rising
44 5 Cloudy
47 Fair
21 43 Fine
48 Fine 21
44 21 Fine
35
36 Cloudy 2
10 43 Fair
15 36 Fair
45 21 Fair
Slowly.
21 49 O'cast
15 41 O'cast
41 5 Fair
45 21 Fine
10 41 Cloudy
5 43 Rain
43 5 Rain
1024
1022
1020
1018
1016
1014
1012
1010
1008
1006
LOW
2 43 Fine
0 61 Fine
EXPLANATION
BAROMETER. Isobars are drawn for intervals of two millibars.
WIND. Direction is shown by arrows flying with the wind.
Wind velocity on the scale 0–12, is indicated by the number of feathers.
TEMPERATURE is shown in miles per hour by figures in small circles.
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunderstorm; thunder.
SEA. DISTURBANCE: Rough; High.
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
Land Reports.
0. Dense fog. Objects not visible at 55 yards.
1. Rather thick fog " " 220 "
2. Very bad " " 660 "
3. Bad " " 1,100 "
4. Very poor " " 1 mile.
5. Poor " " 2 "
6. Moderate " " 6 "
7. Good " " 12 "
8. Very good " " 31 "
9. Excellent. " beyond 31 "

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION ... Thursday, 19th October ... 1922. No. 292.

**Observations at 0100 G.M.T. ... 19th ...**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1036·3 | 0 | - | 0 | b | 43 | 92 | 4 | - | - | 0 | - | 0 | * |
| Stornoway ... ... | 1034·2 | 0 | SE | 1 | b | * | * | 6 | * | * | * | * | * | * |
| Wick ... ... ... | 1035·6 | 0 | SE | 3 | b | 49 | 65 | 8 | - | - | 0 | - | 0 | * |
| Castlebay ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head ... ... | 1029·4 | +2 | ESE | 6 | b | 49 | 75 | 4 | * | Cu Nb | 2 | - | 2 | * |
| Renfrew ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1031·5 | +1 | E | 3 | c+ | 48 | 76 | 8 | * | St | 8 | - | 8 | * |
| Leuchars ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth ... ... | 1030·4 | 0 | E | 5 | b | 49 | 85 | 4 | 11000 | Cu | 2 | - | 2 | * |
| Blacksod Point ... | | | | | | | | | | | | | | * |
| Donaghadee ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Collinstown ... ... | 1027·1 | +2 | E | 5 | o+ | 49 | 75 | 6 | 2500 | St Cu | 9 | - | 9 | * |
| Holyhead ... ... | 1025·8 | +1 | E | 5 | b | 48 | 92 | 8 | - | - | 0 | - | 0 | * |
| Liverpool (Bidston) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head ... ... | 1025·9 | -1 | E | 4 | cpr | 49 | 85 | 4 | 4000 | Cu Nb | 8 | - | 8 | * |
| Nottingham ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell ... ... | 1025·7 | 0 | NE | 3 | bc+r | 44 | 92 | 4 | 1500 | St Cu | 5 | - | 5 | * |
| Gorleston ... ... | 1024·2 | 0 | E'S | 4 | b+ | 50 | 65 | 4 | 2500 | Cu | 3 | - | 3 | * |
| Valencia (Cahirciveen) | 1019·6 | +1 | E | 5 | b | 51 | 55 | 4 | * | St Cu | 4 | - | 4 | * |
| Roches Point ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Ann's H.) | 1021·9 | +2 | ENE | 5 | b | 45 | 75 | 8 | - | - | 0 | - | 0 | * |
| Ross-on-Wye ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.) ... | * | * | * | * | * | 45 | * | * | * | * | * | * | * | * |
| Croydon ... ... | 1021·2 | 0 | NE'E | 4 | d+r | 45 | 75 | 8 | 2500 | St Cu | 10 | - | 10 | * |
| Clacton-on-Sea ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Grain ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne ... ... | 1020·0 | 0 | NE'E | 6 | bc | 45 | 85 | 5 | 2500 | St Cu | 6 | - | 6 | * |
| Scilly (St. Mary's) ... | 1016·0 | +1 | E | 5 | bc | 51 | 85 | 4 | 4000 | St | 4 | - | 4 | * |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Portland Bill ... ... | 1018·2 | +2 | ENE | 4 | o+ | 49 | 85 | 6 | - | - | 0 | A St | 10 | * |
| Southampton (Calshot) | 1020·1 | 0 | N'E | 3 | b | 44 | 85 | 8 | - | - | 0 | - | 0 | * |
| Dungeness ... ... | 1018·9 | 0 | E | 4 | bc+ | 49 | 75 | 8 | 4000 | Cu | 6 | - | 6 | * |
| Jersey 7h ... ... | 1014·6 | 0 | NE | 4 | 0 | 51 | 85 | 6 | 5400 | St | 10 | - | 10 | * |
| Guernsey 1h | | | | | | | | | | | | | | |

**Observations at 0700 G.M.T. ... 19th ...**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1036·4 | 0 | - | 0 | b+ | 42 | 92 | 8 | - | - | 0 | A Cu | 2 | 0 |
| Stornoway ... ... | 1034·2 | +2 | NE | 1 | b | 55 | 85 | 4 | - | - | 0 | - | 0 | 0 |
| Wick ... ... ... | 1035·5 | 0 | SE | 2 | b | 48 | 75 | 8 | 4000 | Cu | 2 | Ci | 3 | 0 |
| Castlebay ... ... | 1033·5 | +1 | E | 3 | bc | 44 | 75 | 8 | 2500 | St Cu | 6 | - | 6 | 3 |
| Nairn ... ... ... | 1034·8 | * | - | 0 | bc | 54 | 85 | 8 | 1500 | St | 2 | Ci Cu | 4 | * |
| Aberdeen ... ... | 1035·1 | +1 | ENE | 2 | b+ | 44 | 75 | 4 | 2500 | St Cu | 5 | - | 5 | 0 |
| Malin Head ... ... | 1030·4 | +1 | E | 5 | bc | 49 | 75 | 4 | 4000 | St | 4 | - | 4 | 4 |
| Renfrew ... ... | 1032·2 | +1 | NE | 1 | o | 45 | 85 | 6 | 2500 | St | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1032·1 | +1 | E | 4 | cpr | 44 | 85 | 8 | * | Nb | 4 | - | 4 | 3 |
| Leuchars ... ... | 1037·8 | 0 | E | 4 | o- | 48 | 65 | 8 | 1500 | St Cu | 10 | - | 10 | * |
| Eskdalemuir ... ... | 1031·8 | 0 | NNE | 3 | o | 41 | 85 | 8 | 2500 | St Cu | 9 | - | 9 | 4 |
| Tynemouth ... ... | 1030·3 | 0 | E | 5 | o/r | 49 | 75 | 4 | 4000 | St Cu | 10 | - | 10 | |
| Blacksod Point ... | | | | | | | | | | | | | | |
| Donaghadee ... ... | 1029·1 | +2 | SE | 4 | bc+ | 43 | 92 | 8 | 4000 | Cu | 2 | A Cu | 4 | 4 |
| Birr Castle ... ... | 1025·4 | * | SE | 1 | bc+ | 41 | 92 | 4 | 4000 | St Cu | 6 | - | 6 | * |
| Collinstown ... ... | 1027·5 | 0 | E | 5 | or | 49 | 75 | 4 | 450 | St | 10 | - | 10 | 4 |
| Holyhead ... ... | 1026·5 | +1 | ENE | 3 | c- | 49 | 85 | 8 | 2500 | St Cu | 5 | A Cu | 4 | 4 |
| Liverpool (Bidston) ... | 1026·9 | 0 | NE | 3 | bc | 45 | 85 | 6 | 2500 | St | 4 | | 4 | * |
| Chester (Shotwick) ... | 1026·4 | 0 | NNE | 3 | b- | 45 | 85 | 6 | 4000 | St Cu | 3 | | 3 | |
| Spurn Head ... ... | 1025·6 | 0 | E | 4 | cPR | 46 | 92 | 4 | 4000 | Nb | 8 | - | 8 | 6 |
| Nottingham ... ... | 1025·5 | * | ENE | 2 | c | 44 | 80 | 6 | 1500 | Cu Nb | 4 | - | 4 | * |
| Cranwell ... ... | 1026·0 | 0 | NNE | 3 | cpr | 45 | 94 | 4 | 800 | Nb | 9 | - | 9 | |
| Gorleston ... ... | 1024·0 | 0 | E'S | 4 | bc+ | 44 | 65 | 4 | 2500 | Cu | 5 | - | 5 | 6 |
| Valencia (Cahirciveen) | 1022·1 | +5 | E | 5 | b | 48 | 85 | 9 | * | Cu | 3 | - | 3 | |
| Roches Point ... ... | | | | | | | | | | | | | | 4 |
| Pembroke (St. Ann's H.) | 1021·6 | -1 | NE | 5 | b | 44 | 75 | 8 | 4000 | Cu | 3 | - | 3 | * |
| Ross-on-Wye ... ... | 1020·4 | 0 | NE | 3 | b- | 41 | 85 | 8 | 5400 | St Cu | 1 | - | 1 | * |
| Benson ... ... ... | 1021·8 | 0 | NE | 4 | b | 39 | 85 | 9 | * | Cu | 2 | - | 2 | * |
| Andover ... ... | 1020·4 | 0 | ENE | 5 | b- | 41 | 85 | 8 | 2500 | St Cu | 2 | - | 2 | * |
| S. Farnborough ... | 1020·6 | +1 | ENE | 4 | c- | 41 | 85 | 6 | 2500 | St Cu | 4 | A Cu | 4 | * |
| London (Kew Obsy.) ... | 1021·3 | 0 | NNE | 3 | bc+ | 43 | 75 | 6 | 2500 | St Cu | 4 | - | 4 | |
| Croydon ... ... | 1020·8 | +1 | NE | 5 | c- | 44 | 75 | 4 | 2500 | St Cu | 4 | - | 4 | 6 |
| Clacton-on-Sea ... | 1021·8 | +1 | ENE | 4 | c | 44 | 65 | 4 | 2500 | Cu | 4 | - | 3 | 4 |
| Shoeburyness ... ... | 1021·4 | -1 | ENE | 4 | b | 45 | 75 | 4 | 2500 | Cu | 3 | - | 3 | * |
| Grain ... ... ... | 1020·9 | 0 | ENE | 8 | c | 46 | 75 | 8 | 2500 | St Cu | 8 | - | 10 | * |
| Lympne ... ... | 1019·6 | 0 | NE | 6 | o | 45 | 75 | 8 | 1500 | St Cu | 10 | - | | |
| Scilly (St. Mary's) ... | 1017·0 | +1 | E | 4 | bc | 46 | 85 | 4 | 4000 | Cu | 6 | - | 6 | 4 |
| Falmouth (Pendennis) | 1018·0 | +2 | NE | 5 | bc- | 45 | 85 | 4 | 4000 | Cu | 5 | - | 5 | 2 |
| Plymouth (Cattewater) | 1018·5 | 0 | ENE | 6 | b | 46 | 75 | 9 | 4000 | Cu | 2 | - | 2 | 0 |
| Portland Bill ... ... | 1017·0 | -2 | ENE | 4 | bc- | 50 | 85 | 6 | 1500 | St Cu | 6 | - | 6 | 6 |
| Southampton (Calshot) | 1019·4 | 0 | NNE | 5 | o | 45 | 75 | 8 | 2500 | St Cu | 10 | - | 10 | 3 |
| Dungeness ... ... | 1017·9 | 0 | E | 4 | c | 46 | 75 | 8 | 2500 | Cu | 8 | - | 8 | 4 |
| Jersey 7h ... ... | 1017·6 | 0 | ENE | 5 | o | 49 | 75 | 8 | 4000 | St Cu | 9 | - | 9 | 6 |
| Guernsey 1h | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Wednesday, 18th October.

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 17th. °F. | Temperature. Max. Day. 18th. °F. | Rainfall.† Night 17h.-9h. 17th.-18th. mm. | Rainfall.† Day 9h.-17h. 18th. mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. 18th. hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | cbc | cb | 41 | 53 | - | - | | 2·2 |
| Montrose ... ... | * | * | 48 | 53 | 0·2 | - | | 5·7 |
| Llandudno ... ... | cbcc | cbc | 43 | 54 | - | - | | 3·2 |
| Colwyn Bay ... | bc | c | 46 | 53 | - | - | | 2·5 |
| Rhyl ... ... ... | bc | bco | 45 | 55 | - | - | | 5·9 |
| Southport ... ... | bc | bcbc | 45 | 54 | - | - | | 6·0 |
| Blackpool ... ... | cbc | c | 44 | 54 | - | - | | 5·0 |
| Harrogate ... ... | b.bc | bcco | 43 | 53 | 0·3 | - | | 2·9 |
| Skegness ... ... | cp | cbcc | 48 | 53 | 2 | 1 | | 4·5 |
| Aberystwyth ... | c | b | 46 | 56 | - | - | | 9·2 |
| Bath ... ... | bcc | pobbc | 40 | 54 | - | - | | 4·8 |
| Leamington Spa ... | bc | bc | 43 | 54 | - | - | | 6·9 |
| Lowestoft ... ... | cbcoc | cocbc | 50 | 53 | - | - | | 4·0 |
| Felixstowe ... ... | c | c | 50 | 53 | 0·2 | - | | 5·3 |
| Southend ... ... | cbcq | bccpq | 47 | 54 | 0·2 | 0·1 | | 4·5 |

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 17th. °F | Temperature. Max. Day. 18th. °F | Rainfall.† Night 17h.-9h. 17th.-18th. mm. | Rainfall.† Day 9h.-17h. 18th. mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. 18th. hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton ... ... | ccq | coq | 49 | 54 | - | - | | 0·6 |
| Ilfracombe ... ... | b.bcc | cbcb | 44 | 55 | - | - | | 6·4 |
| Bude ... ... | cb | b | 43 | 55 | - | - | | 8·9 |
| Penzance ... ... | bc | bcco | 52 | 57 | - | - | | 5·3 |
| Falmouth Observatory | bc | bccq | 52 | 56 | - | - | | 5·2 |
| Torquay ... ... | o | o | 48 | 54 | - | - | | 1·6 |
| Weymouth ... ... | bc | bcb | 44 | 55 | - | - | | 2·9 |
| Bournemouth ... | b | b | 40 | 54 | - | - | | 7·0 |
| Portsmouth (S'thsea) | b.bc | b.bc | 43 | 55 | - | - | | 6·2 |
| Worthing ... ... | c | c | 42 | 54 | - | - | | 3·7 |
| Brighton ... ... | b.bc | bcc | 42 | 54 | - | - | | 4·4 |
| Eastbourne ... ... | c | co | 48 | 53 | - | - | | 1·7 |
| Hastings ... ... | oco | o | 46 | 52 | - | - | | 2·0 |
| Folkestone ... ... | o | o | 47 | 51 | - | - | | 4·0 |
| Tunbridge Wells ... | b.bc | bcco | 41 | 53 | - | - | | 6·0 |
| Ramsgate ... ... | c | c | 47 | 55 | - | - | | 4·5 |
| Margate ... ... | cbc | bcc | 48 | 53 | - | - | | 3·2 |
| Deal ... ... ... | cbc | bcco | 47 | 57 | - | - | | 4·5 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22247 FRIDAY, 20th OCTOBER 1922. 

Observations at 1800 G.M.T. 19th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1038·4 | -1 | - | 0 | c+ | 51 | 75 | 8 | - | - | 0 | ACu | 7 | * |
| Stornoway | 1034·5 | 0 | ESE | 3 | b | 52 | 75 | 7 | - | - | 0 | - | 0 | * |
| Wick | 1035·2 | +1 | ENE | 1 | bc | 50 | 75 | 9 | 4000 | Cu | 4 | Ci | 2 | * |
| Castlebay | 1033·9 | 0 | NE | 3 | b | 51 | 75 | 8 | - | - | 0 | ASt | 2 | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1034·7 | -1 | ENE | 3 | o+ | 50 | 75 | 8 | 1500 | Cu | 9 | - | 9 | * |
| Malin Head | 1030·7 | 0 | E | 5 | b | 51 | 75 | 7 | 4000 | Cu | 2 | Ci | 3 | * |
| Renfrew | 1032·0 | -2 | NE | 3 | c- | 50 | 65 | 8 | 5700 | StCu | 6 | - | 6 | * |
| Edinburgh (Inchkeith) | 1031·5 | -2 | ENE | 4 | bc- | 53 | 75 | 8 | - | Cu | 4 | - | 4 | * |
| Leuchars | 1032·7 | -1 | ENE | 3 | o\|r | 48 | 85 | 7 | 2500 | StCu | 10 | - | 10 | * |
| Eskdalemuir | 1030·6 | -2 | NE'E | 3 | opr₀ | 47 | 85 | 7 | 1500 | Nb | 10 | - | 10 | * |
| Tynemouth | 1030·4 | 0 | E | 4 | c | 51 | 75 | 7 | 4000 | Cu,Nb | 8 | - | 8 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1029·4 | -1 | ESE | 4 | bc | 51 | 85 | 8 | 4000 | Cu | 3 | Ci | 4 | * |
| Birr Castle | 1026·0 | * | SE | 3 | c+ | 53 | 65 | 8 | 4000 | StCu | 7 | - | 7 | * |
| Collinstown | 1028·0 | 0 | ENE | 5 | c | 50 | 65 | 7 | 2500 | Cu | 7 | - | 7 | * |
| Holyhead | 1026·1 | -2 | ENE | 5 | o+ | 51 | 75 | 8 | 2500 | StCu | 9 | - | 9 | * |
| Liverpool (Bidston) | 1025·8 | -3 | ENE | 4 | o+ | 49 | 65 | 5 | 1500 | StCu | 10 | - | 10 | * |
| Chester (Shotwick) | 1024·1 | -1 | ENE | 3 | opr₀ | 47 | 85 | 7 | 1500 | St | 10 | - | 10 | * |
| Spurn Head | 1025·0 | 0 | E | 6 | opr₀ | 48 | 92 | 7 | 4000 | Nb | 9 | - | 9 | * |
| Nottingham | 1024·5 | * | ENE | 4 | bc- | 48 | 75 | 7 | 1500 | CuNb | 3 | ACu | 4 | * |
| Cranwell | 1025·5 | -2 | NE | 4 | opr₀ | 46 | 92 | 7 | 2500 | StCu | 10 | - | 10 | * |
| Gorleston | 1023·6 | -1 | E | 8 | bc | 47 | 65 | 7 | 4000 | Cu | 5 | - | 5 | * |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1022·4 | -1 | NE | 5 | bc | 50 | 65 | 8 | 4000 | Cu | 4 | - | 4 | * |
| Ross-on-Wye | 1022·3 | -2 | E'N | 5 | bc- | 50 | 55 | 8 | 4000 | Cu | 4 | - | 4 | * |
| Benson | 1021·5 | -2 | NE | 5 | bc | 48 | 55 | 8 | * | Cu | 5 | - | 5 | * |
| Andover | 1019·8 | -1 | ENE | 6 | bc- | 49 | 55 | 8 | 4000 | Cu | 4 | - | 4 | * |
| S. Farnborough | 1019·9 | -1 | ENE | 4 | c | 49 | 55 | 6 | 2500 | StCu | 8 | - | 8 | * |
| London (Kew Obsy.) | 1020·6 | -1 | NE | 6 | o | 48 | 55 | 6 | 2500 | StCu | 9 | - | 9 | * |
| Croydon | 1020·3 | -1 | ENE | 5 | o | 46 | 65 | 7 | 4000 | StCu | 9 | - | 9 | * |
| Clacton-on-Sea | * | * | * | | * | * | * | * | * | * | | * | | * |
| Shoeburyness | 1020·8 | -2 | NE'E | 7 | bc+ | 48 | 75 | 8 | 2500 | Cu | 6 | - | 6 | * |
| Grain | 1020·3 | -2 | ENE | 7 | c | 47 | 75 | 8 | 2500 | StCu | 8 | - | 8 | * |
| Lympne | 1018·5 | -2 | NE | 6 | o | 44 | 75 | 8 | 800 | St | 10 | - | 10 | * |
| Scilly (St. Mary's) | | | | | | | | | | | | | | * |
| Falmouth (Pendennis) | 1017·8 | 0 | NE | 7 | c+ | 46 | 85 | 7 | 4000 | Cu | 7 | - | 7 | * |
| Plymouth (Cattewater) | 1018·6 | 0 | ENE | 5 | bc | 49 | 85 | 8 | 4000 | Cu | 5 | - | 5 | * |
| Portland Bill | 1017·7 | +1 | ENE | 7 | bc | 50 | 75 | 7 | 1500 | Cu | 6 | - | 6 | * |
| Southampton (Calshot) | 1018·7 | -2 | NE | 7 | bc | 50 | 65 | 7 | 2500 | Cu | 5 | - | 5 | * |
| Dungeness | | | | | | | | | | | | | | * |
| Jersey 7h | 1017·8 | 0 | ENE | 7 | o | 47 | 85 | 8 | 2500 | Cu | 9 | - | 9 | * |
| Guernsey 1h | 1014·2 | 0 | NE | 6 | o | 48 | 75 | 8 | 4000 | StCu | 10 | - | 10 | * |

Observations at 1800 G.M.T. 19th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1033·7 | -3 | NNW | 1 | c | 47 | 75 | 7 | 5700 | CuNb | 2 | ACu | 8 | 0 |
| Stornoway | 1033·5 | -1 | - | 0 | b | 40 | 92 | 7 | - | - | 0 | - | 0 | 0 |
| Wick | 1034·0 | -1 | NE | 2 | c+ | 48 | 75 | 8 | 4000 | Cu | 7 | - | 7 | 0 |
| Castlebay | 1032·7 | 0 | N | 4 | b | 48 | 75 | 8 | 2500 | Cu | 1 | - | 1 | 3 |
| Nairn | 1033·3 | * | E | 1 | c+ | 47 | 85 | 8 | 4000 | StCu | 8 | - | 8 | * |
| Aberdeen | 1033·1 | -1 | NE | 3 | o | 49 | 75 | 8 | 1500 | Cu | 10 | - | 10 | 0 |
| Malin Head | 1029·9 | -1 | E'N | 4 | mbc- | 51 | 75 | 6 | 5700 | StCu | 5 | ACu | 6 | 4 |
| Renfrew | 1031·0 | 0 | ENE | 3 | b\|r | 46 | 85 | 6 | - | - | 0 | - | 0 | * |
| Edinburgh (Inchkeith) | 1029·8 | -1 | ENE | 3 | bc\|r | 49 | 75 | 8 | - | CuNb | 6 | · | 6 | 3 |
| Leuchars | 1031·5 | -1 | ENE | 3 | o | 48 | 75 | 8 | 1500 | StCu | 9 | - | 9 | * |
| Eskdalemuir | 1029·8 | -2 | NNE | 4 | c | 43 | 85 | 8 | 2500 | StCu | 7 | · | 7 | * |
| Tynemouth | 1028·5 | -2 | E | 5 | bc | 49 | 75 | 7 | 4000 | CuNb | 4 | · | 4 | 6 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1028·3 | -1 | E | 5 | bc- | 49 | 97 | 8 | 4000 | Cu | 5 | ACu | 6 | 6 |
| Birr Castle | 1025·5 | * | NE | 2 | c+ | 47 | 85 | 7 | 4000 | StCu | 8 | · | 8 | * |
| Collinstown | 1027·0 | -1 | ENE | 4 | c | 48 | 75 | 6 | 2500 | St | 7 | · | 7 | * |
| Holyhead | 1025·1 | 0 | ENE | 5 | o+ | 50 | 75 | 8 | 2500 | StCu | 9 | · | 9 | 3 |
| Liverpool (Bidston) | 1025·1 | 0 | ENE | 3 | c | 47 | 65 | 6 | 2500 | St | 8 | - | 8 | 4 |
| Chester (Shotwick) | 1024·9 | 0 | ENE | 4 | od₀ | 47 | 75 | 7 | 1500 | St | 10 | · | 10 | * |
| Spurn Head | 1023·7 | -2 | E | 6 | cpr₀ | 46 | 85 | 8 | 1500 | St | 7 | · | 7 | 6 |
| Nottingham | 1023·5 | * | ENE | 3 | o | 45 | 92 | 6 | 1500 | Nb | 10 | · | 10 | * |
| Cranwell | 1024·4 | 0 | ENE | 3 | o\|r | 44 | 92 | 8 | 2500 | Nb | 10 | · | 10 | * |
| Gorleston | 1022·4 | -1 | E'S | 7 | c+ | 47 | 65 | 7 | 4000 | CuNb | 7 | · | 7 | 7 |
| Valencia (Cahirciveen) | 1023·4 | +1 | E | 3 | b- | 49 | 75 | 8 | - | - | 0 | · | 0 | * |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1021·6 | -1 | NNE | 5 | b | 46 | 75 | 8 | 4000 | StCu | 3 | · | 3 | 4 |
| Ross-on-Wye | 1021·5 | 0 | ENE | 3 | b- | 45 | 65 | 8 | 4000 | Cu | 3 | · | 3 | * |
| Benson | 1020·5 | 0 | NE | 3 | c | 43 | 75 | 8 | 4000 | StCu | 8 | · | 8 | * |
| Andover | 1019·0 | 0 | ? | ? | o+ | 43 | 75 | 8 | 2500 | StCu | 10 | · | 10 | * |
| S. Farnborough | 1018·9 | -1 | ENE | 3 | o+ | 44 | 75 | 6 | 1500 | StCu | 10 | · | 10 | * |
| London (Kew Obsy.) | 1019·6 | -1 | NE | 5 | o | 46 | 65 | 6 | 2500 | StCu | 10 | · | 10 | * |
| Croydon | 1019·4 | -1 | NE'E | 5 | o | 44 | 75 | 6 | 4000 | StCu | 10 | - | 10 | * |
| Clacton-on-Sea | 1019·5 | 0 | ENE | 6 | o+ | 47 | 75 | 7 | 2500 | Cu | 10 | - | 10 | 5 |
| Shoeburyness | 1019·6 | -2 | NE | 7 | opr₀ | 47 | 75 | 8 | 2500 | Cu | 9 | · | 9 | · |
| Grain | 1019·9 | -1 | E | 7 | o | 48 | 75 | 8 | 4000 | Nb | 10 | - | 10 | 1 |
| Lympne | | | | | | | | | | | | | | |
| Scilly (St. Mary's) | | | | | | | | | | | | | | |
| Falmouth (Pendennis) | 1018·7 | +2 | NE | 5 | c | 47 | 85 | 7 | 4000 | Cu | 7 | · | 7 | 2 |
| Plymouth (Cattewater) | 1018·4 | +1 | NE | 3 | c+ | 47 | 65 | 8 | 4000 | StCu | 7 | · | 7 | 0 |
| Portland Bill | 1017·0 | +1 | NE | 6 | o+ | 48 | 75 | 6 | - | - | 0 | ASt | 10 | 6 |
| Southampton (Calshot) | 1018·3 | +1 | NNE | 5 | o+ | 47 | 75 | 7 | 4000 | StCu | 10 | · | 10 | 6 |
| Dungeness | | | | | | | | | | | | | | |
| Jersey 7h | 1016·6 | -1 | ENE | 6 | o | 48 | 85 | 8 | 2500 | Nb | 10 | · | 10 | 7 |
| Guernsey 1h | 1014·2 | 0 | NE | 5 | o | 47 | 85 | 8 | 4000 | StCu | 10 | · | 10 | 6 |

## London Observations

24 Hours ended 0900 G.M.T. 20th (Sunshine and Humidity 15h.: Yesterday; Humidity 9h.: To-day)

| London Observations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Max. °F. | Temperature: Min. °F. | Min. on Grass °F. | Rainfall mm.: Day | Rainfall mm.: Night | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | cqz c y | ozy c.o | oz omr | * | * | 39 | - | 3 | 2·9 | * | * |
| Croydon (24 hours ended 0700) | bcq.o | o.c.q | oq r md | * | * | 33 | - | 6 | 3·9 | * | * |
| Greenwich (Royal Obsy.) | c | c.o | oidrm | 50 | 40 | 39 | - | 6 | 5·2 | 63 | 94 |
| City (Bunhill Row) | * | * | * | * | * | * | * | * | 4·2 | * | * |
| Westminster (St. James' Pk.) | * | * | * | 50 | 41 | 40 | 5 | | 3·6 | 63 | 92 |
| Regent's Pk. (Botanic Gdns.) | * | * | * | * | * | * | * | * | 3·8 | * | * |
| Camden Square | c | bc | * | 51 | 40 | 40 | - | 1 | * | * | 94 |
| Kensington Palace | o | o | * | 50 | 40 | 39 | - | 5 | * | 69 (18h) | 94 |
| Hampstead Observatory | * | * | * | 48 | 38 | 38 | - | 6 | 6·4 | * | 94 |

## Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 19th

| South Kensington: Max. | Time. | Min. | Time. |
|---|---|---|---|
| 0·6 / 0·6 | 1800 18th / 0800 19th | <0·3 | 0100 - 0300 18th |

| Kew Observatory: Max. | Time. | Min. | Time. |
|---|---|---|---|
| 0·9 / 0·7 | 2000 (18) / 0800 (19) | <0·3 | 0100 - 0500 19th |

## Solar Radiation.
Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate .............. Milliwatts.

Maximum Rate .............. Milliwatts.

## Pole Star Record at Greenwich Obsy.

Exposure from 19th 18 h 0 m. to 20th 5 h 30 m.

| Stars. | Exposure. h. m. | Record. h. m. | % |
|---|---|---|---|
| Polaris | 11 30 | nil | 0 |
| δ Ursae Minoris | 11 30 | nil | 0 |

## Radio Disturbances (Atmospherics) at Croydon.

| Time. | Type. | No. per 4 sec. | Stren. | Dirn. |
|---|---|---|---|---|
| 15h. | c | 5 | - | 135 |
| 18h. | c | 6 | - | 130 |
| 01h. | c | 6 | - | 65 |
| 07h. | c | 5 | - | 55 |

## Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.

20th & 21st Oct. 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6·28 / 6·30 | 11·38 / 11·38 | 4·48 / 4·46 |
| Greenwich | 6·35 / 6·36 | 11·45 / 11·45 | 4·54 / 4·53 |
| Wick | 7·0 / 7·3 | 11·54 / 11·54 | 4·54 / 4·51 |
| Valencia | 7·15 / 7·14 | 12·26 / 12·26 | 5·36 / 5·34 |

## Beaufort Notation of Weather.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
;r = continuous moderate rain.
r₀r₀ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

## Sea Disturbance.

0=no swell, 1=mod. swell, 2=heavy swell — Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell — Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

For explanation see introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

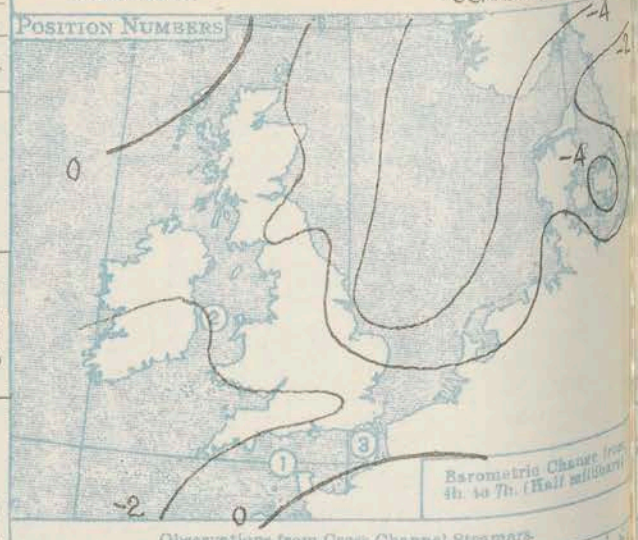
## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 19th | 13h.-18h. 19th | 18h. 19th to 1h. 20th | 1h.-7h. 20th | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL.† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | bc | c | o | or | 53 | 43 | * | - | trace | - | 06.30 | * |
| Stornoway ... ... | b or bc | b-bc | b.bc | c | 52 | 35 | * | - | - | - | - | 4.6 |
| Wick ... ... ... | c | c | c | c | 50 | 44 | * | - | - | - | - | * |
| Castlebay ... ... | c b | b | b | bc | 52 | 45 | * | - | - | - | - | 9.0 |
| Nairn ... ... ... | bccq | cq | cq | cqq | 50 | 45 | * | - | - | - | - | 2.2 |
| Aberdeen ... ... | bc c | co | o | oo | 53 | 46 | 44 | - | - | - | - | 2.0 |
| Malin Head ... ... | bc 3 | bcm | m.bc | b-bc | 52 | 47 | * | - | - | - | - | 7.8 |
| Renfrew ... ... | o3 c bc | bcp.b | cm.bc | c.o | 52 | 41 | 35 | - | - | - | - | 4.2 |
| Edinburgh (Inchkeith) | bc | p | p | r | 54 | 44 | 43 | trace | 1 | 1730 | 0430 | 6.3 |
| Leuchars ... ... | co r | copr. | oo | | 53 | 45 | 41 | 1 | - | 11.00 | - | 3.5 |
| Eskdalemuir ... ... | co pr | opepc | c.b | bc.od | 48 | 40 | 38 | 0.1 | 1 | 0900 | 01.30 | 4.3 |
| Tynemouth ... ... | c | b-bc | bc | b.bc | 51 | 46 | 41 | - | - | - | - | * |
| Blacksod Point ... | | | | | | | * | | | | | * |
| Donaghadee ... ... | bcq | bcq | bcq | bcpq | 52 | 48 | * | - | trace | - | 03.30 | * |
| Birr Castle ... ... | co | co | c.opt | c.o | 54 | 40 | 34 | - | 0.2 | - | <21.00 | * |
| Collinstown ... ... | cc | coc | c | bc.c | 52 | 41 | * | trace | 0.6 | <0800 | <21.00 | 4.2 |
| Holyhead ... ... | cbcc | cor.o | o.c.o | o.or.p. | 51 | 45 | 42 | trace | 0.2 | 1630 | 03.30 | 2.0 |
| Liverpool (Bidston) ... | bc cm | om | oo | | 50 | 41 | 38 | - | - | - | - | 1.2 |
| Chester (Shotwick) ... | bop r. | ood. | oir. | opr. om | 50 | 42 | 39 | trace | 1 | 1630 | <21.00 | * |
| Spurn Head ... ... | p | p | p | cq pr | 50 | 43 | * | 5 | 2 | <0800 | <21.00 | 0.9 |
| Nottingham ... ... | p | c | o.c | p. | 49 | 41 | 34 | 2 | 0.1 | <0800 | 06.30 | 3.6 |
| Cranwell ... ... | p | oeiro | ir.o | or. | 48 | 34 | 34 | 3 | 1 | <0800 | 22.00 | 1.5 |
| Gorleston ... ... | bcq | bcqcq | oq | or.oq | 50 | 41 | 40 | - | 1 | - | 02.30 | 8.4 |
| Valencia (Cahirciveen) | | b | c | | | | | | | | | |
| Roches Point ... ... | | | | | | | * | | | | | * |
| Pembroke (St. Ann's H.) | bor bc | b-bc | b.bc | c | 52 | 41 | * | - | - | - | - | 8.1 |
| Ross-on-Wye ... ... | b bc.cy | bbcycq | qb.bc.o | c.or | 51 | 38 | 30 | - | 0.3 | - | 06.30 | 4.0 |
| Benson... ... ... | bc | bbc | bc.c | or. | 52 | 38 | 39 | - | 3 | - | 05.30 | * |
| Andover ... ... | c.cbcqy | bcyqc | o | oorr | 50 | 34 | 36 | - | 0.2 | - | 05.30 | 9.6 |
| S. Farnborough ... | c q c | cqco | o.b.o | rr or. | 50 | 38 | 35 | - | 4 | - | 02.30 | 4.8 |
| London (Kew Obsy.) ... | cq3cqy | ozyczy | oz.oo | o our | 49 | 40 | 39 | - | 3 | - | 24.00 | 2.9 |
| Croydon ... ... | bcqo | ocbq | oz oq rrm | orrm d. | 47 | 40 | 35 | - | 6 | - | <21.00 | 3.9 |
| Clacton-on-Sea ... | c | co | oq | oqr.d | 48 | 44 | 41 | - | 3 | - | 02.30 | 3.4 |
| Shoeburyness ... ... | b | bcbcopr. | or | orrod. | 51 | 41 | 41 | trace | 5 | 1630 | <21.00 | 6.1 |
| Grain ... ... ... | c | coq | oR | oR rq. | 48 | 42 | 41 | trace | 9 | <0800 | <21.00 | 4.0 |
| Lympne ... ... | ocq | oo | r.d | omrr | 49 | 40 | 39 | - | 5 | - | 22.00 | 2.5 |
| Scilly (St. Mary's) ... | | | | | | | * | | | | | |
| Falmouth (Pendennis) | bc cq | cq | | b | 50 | 40 | * | - | - | - | - | 6.2 |
| Plymouth (Cattewater) | bcq | bcbq | bc.b | b.bc | 50 | 41 | 33 | - | - | - | - | 4.0 |
| Portland Bill ... ... | c | co | c.bc | bc.c | 50 | 41 | * | - | - | - | - | * |
| Southampton (Calshot) | bcq | c | b.bc | r.d | 51 | 39 | 38 | - | 0.4 | - | <21.00 | 6.2 |
| Dungeness ... ... | cq | cqoq | oq irr | or | 48 | 43 | * | - | 4 | - | <21.00 | * |
| Jersey 7h } Guernsey 1h } | ocb | ocb | r.d | o | 50 | 42 | * | - | Trace | - | 22.00 | 1.3 |

## ISALLOBARS.

October 20th

POSITION NUMBERS




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 2 | 19th 1000 | "Scotia" | ENE | 6 | bq | 52 | 55 |
| 1 | " 1200 | Sark | ENE | 8 | R | 44 | 58 |

## GENERAL INFERENCE.

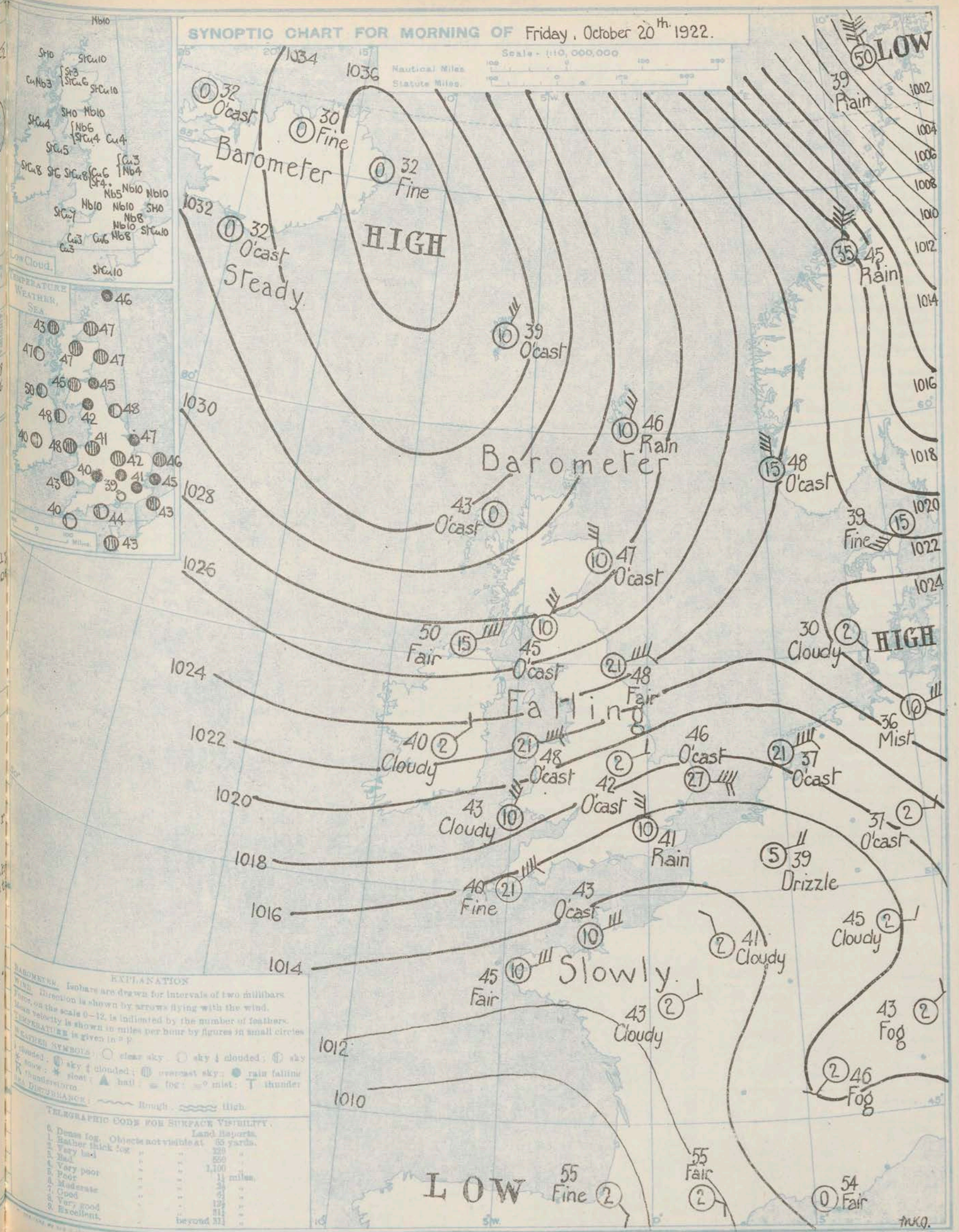
The anticyclone has moved north-westwards to Iceland and the barometer is falling in Denmark and Scandinavia. Winds are becoming more northerly over our area and weather will be cloudy with a rather low temperature and rain or drizzle at times especially in the eastern districts.

## Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 20th October, 1922.

| Districts. | Forecast | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands | Wind N.E fresh, strong at times; much cloud, rain or drizzle at times; visibility moderate; rather cold. | Northerly or northeasterly winds and rather cold unsettled weather especially in the eastern districts. |
| 4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England | Wind N.E. fresh, strong at times; much cloud, drizzle or slight rain in places; visibility good to moderate; rather cold. | |
| 9. N. Midlands<br>10. N.E. England<br>11. E. Scotland | Wind N.E. to N. moderate, stronger later; much cloud, rain or drizzle at times; visibility good to moderate; rather cold. | North Cone still flying. |
| 12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides | Wind N.E. to N. moderate, stronger later; much cloud, drizzle or slight rain in places; visibility good to moderate. | Correction to yesterday's report. |
| 16. Orkneys and Shetlands | As for 9 - 11. | North Cone hoisted 16th. 18th. |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Wind N.E moderate, fresh at times; cloudy, drizzle or slight rain in places; visibility mainly good. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.20. G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

AIR MINISTRY.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION... FRIDAY, 20th OCTOBER ...1922. No. 293...

Observations at 0100 G.M.T. 20th

| Stations | Barom. at M.S.L. (m.b) | Change in 3 Hours.‡ | Wind Direc. | Wind Force (0-12) | Weather | Temp. (°F.) | Humidity (%) | Visibility.§ (0-9) | Height of Low Cloud (Feet) | Cloud Low Form. | Cloud Low Amt. (0-10) | Cloud Upper Form. | Cloud Total Amt. (0-10) | Sea (0-9) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1031.7 | -2 | NW | 1 | o | 46 | 75 | 7 | - | - | 0 | A St | 10 | * |
| Stornoway | 1032.8 | -1 | - | 0 | b | * | * | 6 | * | * | * | * | * | * |
| Wick | 1031.7 | -2 | NW | 1 | bc | 46 | 92 | 9 | 5700 | Cu | 6 | - | 6 | * |
| Castlebay | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head | 1029.2 | -1 | ENE | 5 | b | 50 | 75 | 7 | 5700 | St Cu | 2 | - | 2 | * |
| Renfrew | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1027.2 | -3 | ENE | 5 | o+ | 49 | 75 | 8 | * | St | 10 | - | 10 | * |
| Leuchars | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth | 1027.4 | -1 | E | 5 | b | 48 | 75 | 4 | 4000 | Cu Nb | 3 | - | 3 | * |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Collinstown | 1026.0 | -1 | ENE | 5 | bc- | 47 | 75 | 7 | 2500 | St Cu | 4 | - | 4 | * |
| Holyhead | 1023.9 | -1 | ENE | 5 | o | 48 | 65 | 8 | 2500 | St Cu | 9 | - | 9 | * |
| Liverpool (Bidston) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head | 1022.1 | -1 | E'S | 6 | bcPR | 45 | 85 | 7 | 4000 | Nb | 6 | - | 6 | * |
| Nottingham | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell | 1022.6 | -3 | NE | 3 | ofr | 43 | 75 | 7 | 1500 | St | 10 | - | 10 | * |
| Gorleston | 1020.5 | -2 | E'S | 7 | o | 46 | 75 | 7 | 4000 | St Cu | 10 | - | 10 | * |
| Valencia (Cahirciveen) | 1024.1 | -1 | E | 4 | b | 46 | 65 | 7 | | | | | | |
| Roches Point | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Ann's H.) | 1021.7 | -2 | NE | 4 | b | 42 | 75 | 8 | - | - | 0 | - | 0 | * |
| Ross-on-Wye | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Croydon | 1017.8 | -2 | NE | 4 | orr | 42 | 97 | 6 | 1500 | Nb | 10 | - | 10 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Grain | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne | 1016.6 | -1 | NE | 4 | orr | 41 | 97 | 5 | 450 | Nb | 10 | - | 10 | * |
| Scilly (St. Mary's) | | | | | | | | | | | | | | |
| Falmouth (Pendennis) | | | | | | | | | | | | | | |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Portland Bill | 1016.1 | -1 | NE | 6 | b | 45 | 85 | 7 | - | - | 0 | Ci Cu | 3 | * |
| Southampton (Calshot) | 1017.6 | -1 | NNE | 5 | bc+ | 44 | 65 | 7 | 2500 | St Cu | 5 | - | 5 | * |
| Dungeness | | | | | | | | | | | | | | |
| Jersey 7h / Guernsey 1h | 1016.0 | 0 | NE | 2 | or | 45 | 92 | 7 | 4000 | Nb | 10 | - | 10 | * |

Observations at 0700 G.M.T. 20th

| Stations | Barom. at M.S.L. (m.b) | Change in 3 Hours.‡ | Wind Direc. | Wind Force (0-12) | Weather | Temp. (°F.) | Humidity (%) | Visibility.§ (0-9) | Height of Low Cloud (Feet) | Cloud Low Form. | Cloud Low Amt. (0-10) | Cloud Upper Form. | Cloud Total Amt. (0-10) | Sea (0-9) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1028.9 | -3 | NNE | 3 | or | 46 | 97 | 7 | 4000 | Nb | 10 | - | 10 | 2 |
| Stornoway | 1030.9 | 0 | - | 0 | o+ | 43 | 92 | 7 | 450 | St | 10 | - | 10 | 0 |
| Wick | 1029.6 | -2 | N | 1 | o+ | 47 | 75 | 8 | 5700 | St Cu | 10 | - | 10 | 0 |
| Castlebay | 1029.3 | -1 | NE | 4 | b+ | 47 | 73 | 8 | 1300 | Cu Nb | 3 | - | 3 | 3 |
| Nairn | 1029.2 | * | ENE | 3 | o | 47 | 85 | 8 | 1500 | St Cu | 9 | - | 9 | * |
| Aberdeen | 1028.6 | -2 | N | 3 | o | 47 | 85 | 8 | 2500 | St Cu | 10 | - | 10 | 6 |
| Malin Head | 1027.0 | -1 | ENE | 4 | bc+ | 50 | 75 | 7 | 5700 | St Cu | 4 | A Cu | 6 | 4 |
| Renfrew | 1027.0 | -1 | NNE | 3 | c | 45 | 85 | 8 | 2500 | St | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | ?1026.0 | 0 | ENE | 4 | od | 43 | 97 | 6 | * | Nb | 10 | - | 10 | 3 |
| Leuchars | 1026.9 | -1 | N | 4 | o | 46 | 85 | 8 | 1500 | St Cu | 10 | - | 10 | * |
| Eskdalemuir | 1025.3 | -2 | NE'N | 4 | od | 42 | 92 | 7 | 1500 | Nb | 10 | - | 10 | * |
| Tynemouth | 1024.3 | -1 | ENE | 5 | bc | 48 | 85 | 7 | 4000 | Cu | 4 | - | 4 | 6 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1025.1 | -1 | E | 3 | bc | 48 | 85 | 8 | 5700 | St Cu | 5 | - | 3 | 3 |
| Birr Castle | 1023.6 | * | NE | 1 | c | 40 | 92 | 7 | 4000 | St Cu | 8 | - | 8 | * |
| Collinstown | 1023.9 | -2 | NE'E | 4 | c | 43 | 85 | 7 | 800 | St | 6 | A St | 8 | * |
| Holyhead | 1021.7 | -1 | ENE | 5 | ofr | 48 | 75 | 8 | 2500 | St Cu | 8 | A St | 9 | 4 |
| Liverpool (Bidston) | 1021.7 | -1 | NE | 3 | o+ | 41 | 92 | 8 | 1500 | Cu | 10 | - | 10 | 3 |
| Chester (Shotwick) | 1021.4 | -1 | N | 2 | ofr | 42 | 92 | 6 | 2500 | St | 9 | - | 9 | * |
| Spurn Head | 1018.9 | -4 | E'N | 6 | cjp | 47 | 92 | 7 | 4000 | Nb | 8 | - | 8 | 6 |
| Nottingham | 1019.5 | * | ENE | 1 | o | 42 | 92 | 6 | 1500 | Nb | 7 | A St | 10 | * |
| Cranwell | 1019.8 | -2 | NE'E | 4 | or+ | 42 | 85 | 7 | 1500 | Nb | 10 | - | 10 | * |
| Gorleston | 1017.3 | -2 | E'S | 6 | o+ | 46 | 75 | 7 | 2500 | Nb | 10 | | 10 | 7 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1019.6 | -2 | NNE | 3 | c+ | 43 | 75 | 8 | 4000 | St Cu | 7 | - | 7 | 3 |
| Ross-on-Wye | 1019.0 | 0 | NE | 3 | or+ | 40 | 85 | 6 | 2500 | Nb | 10 | - | 10 | * |
| Benson | 1016.2 | -1 | NNE | 4 | or | 39 | 97 | 7 | * | Nb | 10 | - | 10 | * |
| Andover | 1016.6 | -2 | NE | 4 | orr | 38 | 97 | 7 | 450 | St | 10 | - | 10 | * |
| S. Farnborough | 1015.6 | -2 | NNE | 1 | orr | 39 | 97 | 6 | 1500 | Nb | 10 | - | 10 | * |
| London (Kew Obsy.) | 1015.7 | -1 | N | 3 | orr | 41 | 97 | 6 | 2500 | Nb | 8 | A St | 10 | * |
| Croydon | 1015.8 | -2 | NE'N | 2 | orr | 41 | 97 | 4 | 450 | Nb | 10 | - | 10 | * |
| Clacton-on-Sea | 1015.4 | -1 | E | 4 | od | 43 | 92 | 6 | 1500 | St | 10 | - | 10 | 2 |
| Shoeburyness | 1015.3 | -1 | E | 2 | od | 45 | 85 | 7 | 1500 | St Cu | 10 | - | 10 | 0 |
| Grain | 1015.5 | -1 | - | 0 | orr | 43 | 97 | 6 | 800 | Nb | 10 | - | 10 | * |
| Lympne | 1014.7 | -1 | NE | 2 | ofr | 40 | 97 | 5 | 225 | St | 10 | - | 10 | |
| Scilly (St. Mary's) | | | | | | | | | | | | | | |
| Falmouth (Pendennis) | 1015.3 | -2 | NE | 3 | b | 40 | 92 | 8 | 4000 | Cu | 3 | - | 3 | 2 |
| Plymouth (Cattewater) | 1016.6 | 0 | NNE | 4 | b- | 42 | 75 | 8 | 2500 | St Cu | 3 | - | 3 | 0 |
| Portland Bill | 1015.4 | -2 | NNE | 6 | bc+ | 44 | 85 | 7 | 4000 | Cu | 6 | - | 6 | 7 |
| Southampton (Calshot) | 1015.9 | -2 | N'E | 3 | or r | 40 | 92 | 7 | 1500 | Nb | 8 | A St | 10 | 0 |
| Dungeness | 1015.0 | -1 | NE | 3 | ofr | 43 | 97 | 6 | 4000 | St Cu | 10 | - | 10 | 3 |
| Jersey 7h / Guernsey 1h | 1013.9 | 0 | ENE | 3 | ofr | 43 | 92 | 8 | 2500 | St Cu | 10 | - | 10 | 3 |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR... 19th October

| Stations | Weather Forenoon | Weather Afternoon | Temperature Min. Night 18th-19th (°F.) | Temperature Max. Day 19th (°F.) | Rainfall.† Night 17h.-9h. 18th-19th (mm.) | Rainfall.† Day 9h.-17h. 19th (mm.) | Sunshine (hr.) | Sunshine Sunrise to Sunset 19th (hr.) |
|---|---|---|---|---|---|---|---|---|
| Banff | co | oco | 34 | 51 | – | – | | 1.6 |
| Montrose | | | 48 | 52 | 0.3 | – | | 3.5 |
| Llandudno | bc c | bc.o.c | 43 | 52 | – | – | | 3.0 |
| Colwyn Bay | bc | c | 44 | 50 | – | – | | 1.0 |
| Rhyl | o | o | 44 | 50 | – | – | | 2.1 |
| Southport | b bcb | b.bc.b | 42 | 52 | 0.2 | – | | 5.0 |
| Blackpool | bc. | c | 42 | 53 | – | – | | 7.0 |
| Harrogate | b bcb | b.bc | 40 | 49 | 0.2 | – | | 2.9 |
| Skegness | bopc | pc bc | 45 | 53 | 3 | 0.6 | | 3.5 |
| Aberystwyth | o | o | 45 | 52 | – | – | | 4.5 |
| Bath | b | b | 40 | 51 | – | – | | 9.2 |
| Leamington Spa | bc | bc | 39 | 51 | – | – | | 6.3 |
| Lowestoft | c.o.c | coco | 45 | 50 | – | – | | 2.0 |
| Felixstowe | b | bc.c.o | 47 | 49 | – | – | | 4.3 |
| Southend | bc | cq | 42 | 49 | 0.2 | – | | 6.4 |

| Stations | Weather Forenoon | Weather Afternoon | Temperature Min. Night 18th-19th (°F.) | Temperature Max. Day 19th (°F.) | Rainfall.† Night 17h.-9h. 18th-19th (mm.) | Rainfall.† Day 9h.-17h. 19th (mm.) | Sunshine (hr.) | Sunshine Sunrise to Sunset 19th (hr.) |
|---|---|---|---|---|---|---|---|---|
| Paignton | bcq | ocq | 46 | 50 | – | – | | 3.5 |
| Ilfracombe | obc | bc c | 47 | 52 | – | – | | 5.8 |
| Bude | bc.b b | b bc | 43 | 56 | – | – | | 9.5 |
| Penzance | b.bc | b.c | 41 | 53 | – | – | | 5.0 |
| Falmouth Observatory | b.bc cq | c bc c | 43 | 51 | – | – | | 6.5 |
| Torquay | bc | c | 45 | 51 | – | – | | 4.5 |
| Weymouth | bc | bc b | 42 | 51 | – | – | | 7.0 |
| Bournemouth | b | b | 41 | 51 | – | – | | 6.5 |
| Portsmouth (S'thsea) | b | b | 43 | 52 | – | – | | 6.6 |
| Worthing | ocbc | bc.o | 45 | 51 | – | – | | 5.1 |
| Brighton | c bc. | o | 45 | 51 | – | – | | 5.3 |
| Eastbourne | o | c.o | 45 | 49 | – | – | | 0.5 |
| Hastings | oco | o | 44 | 46 | – | – | | 0.8 |
| Folkestone | o | c | 44 | 50 | – | – | | 0.4 |
| Tunbridge Wells | b bc c | cod | 43 | 47 | – | – | | 2.5 |
| Ramsgate | b.bc.c | bc.c.o | 43 | 53 | – | – | | 3.8 |
| Margate | c | co | 44 | 47 | – | – | | 0.5 |
| Deal | cbc | c o | 44 | 49 | – | – | | 2.0 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# AIR MINISTRY.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22248. SATURDAY, 21st OCTOBER 1922. Page 1.

**Observations at 1300 G.M.T. 20th**

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1027.7 | -3 | NE | 4 | o | 45 | 75 | 7 | 4000 | St.Cu | 10 | - | 10 | * |
| Stornoway | 1029.4 | -2 | ENE | 3 | o+ | 49 | 85 | 6 | 800 | St. | 10 | - | 10 | * |
| Wick | 1027.6 | -2 | NNE | 5 | ojp | 47 | 85 | 8 | 2500 | Cu.Nb | 10 | - | 10 | * |
| Castlebay | 1028.4 | -1 | NE | 4 | c | 51 | 65 | 8 | 1500 | Cu.Nb | 6 | - | 6 | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1027.0 | -2 | N'E | 2 | o | 48 | 85 | 8 | 2500 | St.Cu | 10 | - | 10 | * |
| Malin Head | 1025.9 | -1 | NE | 4 | o | 51 | 75 | 8 | 4000 | St.Cu | 3 | - | 8 | * |
| Renfrew | 1025.7 | -2 | NE | 3 | o | 50 | 75 | 8 | 4000 | St.Cu | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1023.3 | -3 | ENE | 4 | o/r | 45 | 92 | 8 | - | St. | 10 | - | 10 | * |
| Leuchars | 1025.6 | 0 | NNE | 4 | o | 48 | 75 | 8 | 1500 | St. | 10 | - | 10 | * |
| Eskdalemuir | 1023.9 | -2 | NE | 5 | cjp | 45 | 92 | 8 | 800 | St.Cu | 10 | - | 10 | * |
| Tynemouth | 1022.9 | -1 | ENE | 5 | bc | 50 | 75 | 8 | 4000 | Cu | 2 | A.Cu | 4 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1023.9 | -1 | ENE | 4 | c | 49 | 85 | 8 | 4000 | Cu.Nb | 8 | - | 8 | * |
| Birr Castle | 1022.5 | * | NE | 2 | c- | 52 | 65 | 8 | 4000 | Cu | 7 | - | 7 | * |
| Collinstown | 1023.3 | -1 | NE | 5 | c- | 50 | 75 | 8 | 1500 | Cu | 7 | - | 7 | * |
| Holyhead | 1021.0 | -1 | NE'E | 5 | c | 49 | 75 | 8 | 2500 | Cu | 7 | A.Cu | 8 | * |
| Liverpool (Bidston) | 1020.1 | -2 | NE'E | 5 | bc- | 49 | [illegible] | 5 | 2500 | St.Cu | 3 | Ci.Cu | 5 | * |
| Chester (Shotwick) | 1020.3 | -2 | ENE | 4 | od₀ | 47 | 75 | 6 | 2500 | St.Cu | 10 | - | 10 | * |
| Spurn Head | 1017.2 | -1 | ENE | 6 | opr₀ | 49 | 85 | 7 | 4000 | Nb | 10 | - | 10 | * |
| Nottingham | 1018.3 | * | ENE | 3 | or₀ | 45 | 85 | 6 | 2500 | Nb | 10 | - | 10 | * |
| Cranwell | 1018.6 | -2 | NNE | 4 | or₀ | 45 | 85 | 7 | 1500 | Nb | 7 | A.St | 10 | * |
| Gorleston | 1016.1 | -1 | EIN | 5 | o | 44 | 92 | 5 | 2500 | Nb | 10 | - | 10 | * |
| Valencia (Cahirciveen) | 1019.9 | -2 | E | 4 | bc | 50 | 75 | 9 | - | Cu | 6 | - | 6 | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1019.3 | -1 | NE | 4 | bc | 47 | 65 | 8 | 2500 | Cu | 4 | - | 4 | * |
| Ross-on-Wye | 1017.9 | -1 | NNE | 3 | mmo | 45 | 85 | 6 | 1500 | St. | 10 | [illegible] | 10 | * |
| Benson | 1015.8 | -1 | NNE | 4 | or₀ | 43 | 92 | 6 | * | Nb | 10 | - | 10 | * |
| Andover | 1015.7 | -0 | NE | 4 | o/r | 44 | 92 | 7 | 800 | Nb | 10 | - | 10 | * |
| S. Farnborough | 1015.1 | -1 | N'E | 2 | mmo | 44 | 92 | 6 | 1500 | St.Cu | 10 | - | 10 | * |
| London (Kew Obsy.) | 1015.1 | -1 | NNE | 3 | od₀d₀ | 44 | 85 | 5 | 2500 | Nb | 8 | A.St | 10 | * |
| Croydon | 1015.2 | 0 | NNE | 3 | od₀d₀ | 44 | 92 | 4 | 450 | St. | 10 | - | 10 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | 1014.3 | -2 | NNE | 2 | odd | 44 | 92 | 5 | 800 | Nb | 10 | - | 10 | * |
| Grain | 1014.6 | -1 | NNE | 4 | od₀ | 45 | 97 | 6 | 800 | Nb | 10 | - | 10 | * |
| Lympne | 1014.1 | -1 | N | 2 | mo+ | 44 | 85 | 6 | 800 | St. | 5 | A.St | 10 | * |
| Scilly (St. Mary's) | | | | | | | | | | | | | | * |
| Falmouth (Pendennis) | 1016.9 | -2 | ENE | 4 | bc+ | 47 | 85 | 7 | 4000 | Cu | 5 | - | 5 | * |
| Plymouth (Cattewater) | 1016.5 | 0 | NE | 3 | o+ | 45 | 75 | 7 | 1500 | St.Cu | 9 | - | 9 | * |
| Portland Bill | 1014.8 | -1 | NNE | 5 | bc+ | 45 | 85 | 7 | 1500 | St.Cu | 6 | - | 6 | * |
| Southampton (Calshot) | 1015.3 | -1 | N'E | 3 | o/r | 45 | 85 | 7 | 1500 | St.Cu | 10 | - | 10 | * |
| Dungeness | 1014.3 | -1 | E | 2 | o | 45 | 92 | 6 | 1500 | St. | 10 | - | 10 | * |
| Jersey 7h / Guernsey 1h | 1013.6 | 0 | NE | 3 | bc,r | 52 | 75 | 8 | 4000 | St.Cu | 4 | - | 4 | |

**Observations at 1800 G.M.T. 20th**

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1027.6 | 0 | NE | 5 | o | 43 | 75 | 7 | 4000 | St.Cu | 9 | - | 9 | 4 |
| Stornoway | 1028.9 | -1 | ENE | 4 | o/r | 45 | 85 | 6 | 450 | St | 10 | - | 10 | 3 |
| Wick | 1027.6 | 0 | NNE | 4 | o/r | 46 | 75 | 8 | 2500 | Nb | 10 | - | 10 | 3 |
| Castlebay | 1026.9 | 0 | NE | 3 | o | 50 | 75 | 8 | 1500 | St | 10 | - | 10 | 2 |
| Nairn | 1027.1 | * | ENE | 4 | c/r | 46 | 75 | 8 | 4000 | St.Cu | 8 | * | 8 | * |
| Aberdeen | 1025.7 | 0 | N'E | 3 | o | 45 | 85 | 8 | 2500 | St.Cu | 9 | - | 9 | 1 |
| Malin Head | 1024.8 | -2 | NE | 5 | o | 50 | 85 | 8 | 5700 | St.Cu | 10 | - | 10 | 4 |
| Renfrew | 1024.7 | 0 | * | 0 | o | 47 | 85 | 6 | 4000 | St.Cu | 9 | - | 9 | * |
| Edinburgh (Inchkeith) | 1023.7 | -2 | NE | 4 | bc- | 47 | 75 | 8 | * | St.Cu | 4 | - | 4 | 4 |
| Leuchars | 1024.5 | -1 | NNE | 2 | o | 44 | 85 | 8 | 2500 | St.Cu | 10 | - | 10 | * |
| Eskdalemuir | 1023.3 | 0 | NNE | 4 | c/r | 42 | 85 | 7 | 1500 | St.Cu | 8 | - | 8 | * |
| Tynemouth | 1021.5 | -1 | NE | 5 | od+ | 47 | 97 | 7 | 2500 | Nb | 10 | - | 10 | 5 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1022.9 | -1 | E | 3 | c | 49 | 75 | 8 | 7200 | St.Cu | 8 | - | 8 | 3 |
| Birr Castle | 1020.9 | * | NE | 2 | c | 47 | 75 | 7 | 4000 | St.Cu | 7 | - | 7 | * |
| Collinstown | 1022.4 | 0 | NE | 5 | bc- | 47 | 85 | 7 | 1500 | St | 4 | - | 4 | * |
| Holyhead | 1020.3 | 0 | NE'E | 4 | bc- | 48 | 75 | 8 | 4000 | St.Cu | 4 | - | 4 | 3 |
| Liverpool (Bidston) | 1020.5 | +1 | NE | 2 | bc | 44 | 75 | 5 | 2500 | St | 4 | - | 4 | 3 |
| Chester (Shotwick) | 1020.1 | +1 | N | 3 | b- | 43 | 85 | 4 | - | - | 0 | A.Cu | 3 | * |
| Spurn Head | 1014.2 | 0 | ENE | 6 | c | 48 | 85 | 7 | ? | ? | ? | ? | ? | 6 |
| Nottingham | 1018.0 | * | NNE | 3 | o- | 45 | 75 | 6 | 2500 | Nb | 8 | A.Cu | 9 | * |
| Cranwell | 1018.3 | 0 | NNE | 3 | o/r | 43 | 92 | 7 | 2500 | St.Cu | 10 | - | 10 | * |
| Gorleston | 1015.5 | -1 | ENE | 4 | or | 45 | 85 | 7 | 4000 | Nb | 10 | - | 10 | 4 |
| Valencia (Cahirciveen) | 1018.8 | 0 | E | 4 | b | 47 | 85 | 9 | - | Cu | 1 | - | 1 | * |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1018.5 | 0 | NE | 4 | b | 46 | 75 | 7 | 4000 | Cu | 3 | - | 3 | 3 |
| Ross-on-Wye | 1014.7 | 0 | NE | 3 | bc- | 43 | 75 | 6 | 2500 | St | 5 | A.Cu | 6 | * |
| Benson | 1015.6 | 0 | NNE | 5 | o | 42 | 85 | 8 | * | St | 10 | - | 10 | * |
| Andover | 1015.8 | 0 | NE | 4 | o | 42 | 92 | 7 | 800 | Nb | 10 | - | 10 | * |
| S. Farnborough | 1015.3 | 0 | N | 1 | mmo | 42 | 97 | 6 | 1500 | St.Cu | 10 | - | 10 | * |
| London (Kew Obsy.) | 1015.1 | 0 | N | 2 | odd₀ | 44 | 85 | 5 | 1500 | Nb | 8 | A.St | 10 | * |
| Croydon | 1015.2 | +1 | N'E | 3 | od₀ | 43 | 92 | 4 | 450 | St | 10 | - | 10 | * |
| Clacton-on-Sea | 1013.3 | -1 | NNW | 3 | o/r | 44 | 97 | 5 | 1500 | St | 10 | - | 10 | 0 |
| Shoeburyness | 1014.0 | 0 | N'E | 1 | or₀+ | 44 | 85 | 6 | 800 | Nb | 10 | - | 10 | * |
| Grain | 1014.5 | +1 | N | 4 | odd₀ | 44 | 97 | 6 | 800 | Nb | 10 | - | 10 | 0 |
| Lympne | 1013.4 | -1 | NNW | 3 | o/r | 43 | 92 | 5 | 450 | St | 9 | - | 9 | * |
| Scilly (St. Mary's) | | | | | | | | | | | | | | |
| Falmouth (Pendennis) | 1015.0 | 0 | NE | 4 | o+ | 46 | 65 | 7 | 4000 | Cu | 10 | - | 10 | 1 |
| Plymouth (Cattewater) | 1016.0 | 0 | NE | 2 | o | 45 | 75 | 6 | 2500 | St.Cu | 10 | - | 10 | 0 |
| Portland Bill | 1014.8 | 0 | NNE | 5 | o+ | 45 | 85 | 7 | 1500 | St.Cu | 10 | - | 10 | 4 |
| Southampton (Calshot) | 1015.7 | +1 | N | 3 | o | 45 | 85 | 6 | 1500 | St.Cu | 10 | - | 10 | 0 |
| Dungeness | 1013.1 | -2 | N | 3 | o- | 44 | 97 | 6 | - | - | 0 | A.St | 9 | 3 |
| Jersey 7h / Guernsey 1h | 1013.8 | 0 | NE | 3 | o | 50 | 75 | 8 | 4000 | St.Cu | 10 | - | 10 | 3 |

**London Observations.** (Weather, Temperature, Rainfall: 24 Hours ended 0900 G.M.T. 21st Oct. Sunshine and Humidity 15h.: Yesterday. Humidity 9h.: To-day.)

| London Observations. | Weather Morning. | Weather Afternoon. | Weather Night. | Max. °F. | Min. °F. | Min. on Grass °F. | Rainfall mm. Day. | Rainfall mm. Night. | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew } 24 hours ended 0700 | omd₀ | omd₀ | c.o.b.bcm | * | * | 29 | 0.6 | Tr | 0.0 | * | * |
| Croydon } 24 hours ended 0700 | omr₀d | omdr | dr₀f | * | * | 28 | 1 | Tr | 0.0 | * | * |
| Greenwich (Royal Obsy.) | otrm | idm | o.b.d.d | 48 | 38 | 32 | 0.3 | - | 0.0 | 90 | 46 |
| City (Bunhill Row) | * | * | * | * | * | * | * | * | 0.0 | * | * |
| Westminster (St. James' Pk.) | * | * | * | 48 | 41 | 36 | 0.5 | | 0.0 | 88 | 92 |
| Regent's Pk. (Botanic Gdns). | * | * | * | * | * | * | * | * | 0.0 | * | * |
| Camden Square | 0 | 0 | * | 44 | 39 | 34 | 2 | - | * | * | 49 |
| Kensington Palace | odr | odr | * | 44 | 39 | 29 | 0.5 | - | * | 89 (18h) | 49 |
| Hampstead Observatory | * | * | * | 45 | 38 | 31 | 1 | - | 0.0 | * | 85 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 1800 G.M.T. 20th

| South Kensington | | | |
|---|---|---|---|
| Max. | Time. | Min. | Time. |
| 0.6 / 0.6 | 17h.19th / 11h.20th | <0.3 | 1-4h.20th |
| **Kew Observatory** | | | |
| Max. | Time. | Min. | Time. |
| 0.4 / 0.5 | 17h.19th / 9h.20th | <0.3 | 21-6h.20th |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ............ joules

Average Rate ............ Milliwatts.

Maximum Rate ............ Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 20th 17 h. 0 m. to 21st 4 h. 30 m.

| Stars. | Exposure. h. m. | Record. h. m. | % |
|---|---|---|---|
| Polaris | 11 30 | 5 42 | 50 |
| δ Ursae Minoris | 11 30 | 5 26 | 44 |

**Radio Disturbances (Atmospherics) at Croydon.**

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | - | - | - | - |
| 18h. | C | 5 | · | 135° |
| 01h. | C, C₂ | 7 | - | 40° |
| 07h. | C, C₂ | 6 | - | 70° |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.** 21st & 22nd October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.30 / 6.32 | 11.38 / 11.38 | 4.46 / 4.43 |
| Greenwich | 6.36 / 6.38 | 11.45 / 11.45 | 4.55 / 4.52 |
| Wick | 7.3 / 7.6 | 11.54 / 11.54 | 4.51 / 4.48 |
| Valencia | 7.19 / 7.20 | 12.26 / 12.26 | 5.34 / 5.32 |

**BEAUFORT NOTATION OF WEATHER.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**SEA DISTURBANCE.**

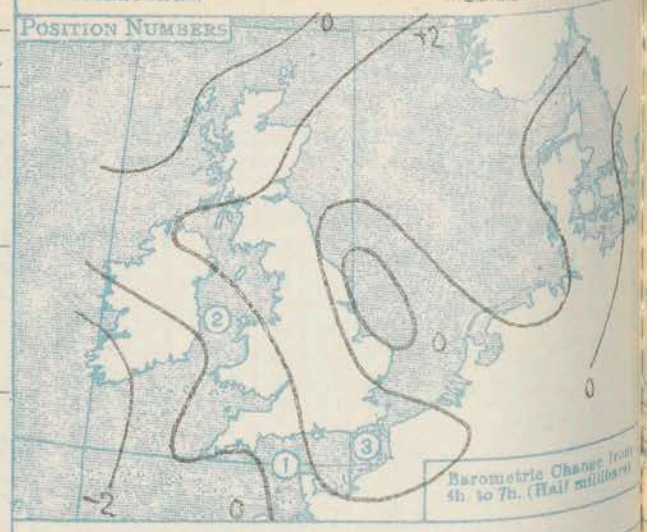
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 5.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.–13h. 20th | 13h.–18h. 20th | 18h. 20th to 1h. 21st | 1h.–7h. 21st | TEMPERATURE. MAX. Day. 7h.–18h. | MIN. Night. 18h.–7h. | MIN. on GRASS | RAINFALL.† Day. 7h.–18h. mm. | Night. 18h.–7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | oqp | cqp | opq | oq | 46 | 39 | " | Trace | 0.2 | L0800 | L21.00 | " |
| Stornoway ... ... | c | p | c | oo | 51 | 43 | " | 0.3 | - | - | - | 0.9 |
| Wick ... ... ... | opq | ojpop | oo | op | 50 | 44 | " | 3 | - | 1100 | - | " |
| Castlebay ... ... | c | cbco | o.c.b | b | 51 | 45 | " | - | - | - | - | 4.0 |
| Nairn ... ... ... | cg | cirg | c.o | ogq | 50 | 42 | " | 1 | - | 1530 | - | 0.4 |
| Aberdeen ... ... | ir.o | obopr | oir. | oo | 50 | 44 | 40 | 0.5 | 0.1 | L0800 | L21.00 | 1.0 |
| Malin Head ... ... | c | cov | c.ov.bc | bqv | 51 | 46 | " | - | | - | - | 1.9 |
| Renfrew ... ... | od.o | op.mo | o.be | oo | 50 | 41 | 28 | - | - | - | - | 0.2 |
| Edinburgh (Inchkeith) | dd | id. | oo | oo | 48 | 44 | 41 | 1 | - | 1530 | - | 0.0 |
| Leuchars ... ... | ? | obo | oq | | 48 | 42 | 34 | 0.1 | - | L0800 | - | 0.1 |
| Eskdalemuir ... ... | odmop | oir.c | c.oid | od.md | 46 | 38 | 36 | 2 | 0.5 | L0800 | L21.00 | 0.0 |
| Tynemouth ... ... | b.bc | oidq | o.c.idq | oidq | 50 | 46 | 42 | 1 | 0.5 | 1430 | L21.00 | " |
| Blacksod Point ... | | | | | | | " | | | | | " |
| Donaghadee ... ... | cq | cp | deq | e | 50 | 46 | " | 0.2 | - | 1100 | - | " |
| Birr Castle ... ... | co | co | | | 52 | | | - | | - | | |
| Collinstown ... ... | oc | p | be.c.oq | oo | 51 | 46 | " | Trace | - | 1630 | " | 3.3 |
| Holyhead ... ... | ococ | obc | be.o.c.o | oo | 50 | 44 | 43 | - | - | - | - | 4.5 |
| Liverpool (Bidston) ... | bcocm | bcm | oq | | 50 | 41 | 36 | - | - | - | - | 2.4 |
| Chester (Shotwick) ... | or.dom | omm | omb.r.m | o.o.p.m | 49 | 38 | 28 | Trace | Trace | 1230 | 15.30 | " |
| Spurn Head ... ... | cq.pr | cq | p | oo | 49 | 46 | " | Trace | Trace | L0800 | L21.00 | 0.0 |
| Nottingham ... ... | r.r. | ir. | c.b | oo | 46 | 41 | 36 | 1 | - | L0800 | - | 0.0 |
| Cranwell ... ... | ir.ir | r.ord | b.be | oo | 45 | 34 | 32 | 2 | - | L0800 | - | 0.0 |
| Gorleston ... ... | ogrm | roro | or.bcq | bc.cq | 46 | 45 | 45 | 3 | 4 | L0800 | L21.00 | 0.0 |
| Valencia (Cahirciveen) | bc | b | b | b | | | | | | | | |
| Roches Point ... ... | | | | | | | " | | | | | " |
| Pembroke (St. Ann's H.) | cbc | b.bc | b.bc | b.bc.c.o | 49 | 40 | " | - | - | - | - | 5.8 |
| Ross-on-Wye ... ... | r.om | cmocm | bm.c | bq.op | 47 | 38 | 29 | 1 | 0.1 | L0800 | 06.30 | 0.5 |
| Benson ... ... ... | oir. | o | o.bc | or.d | 44 | 34 | 29 | 1 | 0.5 | - | 05.30 | " |
| Andover ... ... | or. | oo | o | oo.d | 44 | 35 | 32 | 0.2 | Trace | L0800 | 06.30 | 0.0 |
| S. Farnborough ... | o.or.m | ood.p.m | m.o.m.c.bc | bc.c.or. | 44 | 33 | 28 | 1 | 0.1 | L0800 | 06.30 | 0.0 |
| London (Kew Obsy.) ... | omd. | omd. | c.o.b | b.bcmw | 44 | 39 | 29 | 0.6 | Trace | L0800 | - | 0.0 |
| Croydon ... ... | omrr.rd | omd.r. | omd.c | omr.f | 44 | 34 | 28 | 1 | Trace | L0800 | 05.30 | 0.0 |
| Clacton-on-Sea ... | ogr | ogrrog | op.bcm | bcm.oq | 46 | 39 | 35 | 6 | 0.3 | L0800 | L21.00 | 0.0 |
| Shoeburyness ... ... | odd | oddor. | or.c | bcm | 46 | 31 | 29 | 3 | 0.2 | L0800 | L21.00 | 0.0 |
| Grain ... ... ... | irom | od.r. | omiro | omiro | 45 | 41 | 34 | 1 | 0.5 | L0800 | L21.00 | 0.0 |
| Lympne ... ... | omm | omd.r. | r.d | orr.pr. | 45 | 39 | 34 | Trace | 2 | 1730 | L22.00 | 0.0 |
| Scilly (St. Mary's) ... | | | | | | | " | | | | | |
| Falmouth (Pendennis) | bc | bcco | | b.bcq | 48 | 45 | " | - | - | - | - | 6.0 |
| Plymouth (Cattewater) | c | oo | o.b | b.bc.e | 44 | 43 | 39 | - | - | - | - | 4.3 |
| Portland Bill ... ... | c | co | oo | o.bc | 46 | 46 | " | - | - | - | - | " |
| Southampton (Calshot) | r.o | oo | oo | c | 46 | 38 | 35 | Trace | - | L0800 | - | 0.0 |
| Dungeness ... ... | om. | om | omc.bc | bc.oir | 46 | 40 | " | - | 0.4 | - | 2.00 | " |
| Jersey 7h ... | opbc | bco | o | o | 55 | 46 | " | 0.1 | - | 0900 | - | 2.8 |
| Guernsey 1h | | | | | | | | | | | | |




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea. | Position. |
|---|---|---|---|---|---|---|---|---|
| 1 | 20th 0800 | Arundel | E | 2 | co+ | 44 | 56 | 1 |
| 2 | " 1010 | Scotia | NE | 6 | cq | 55 | 55 | 2 |
| 3 | 21st 0300 | Alippe | NE | 4 | b | 52 | 56 | 3 |

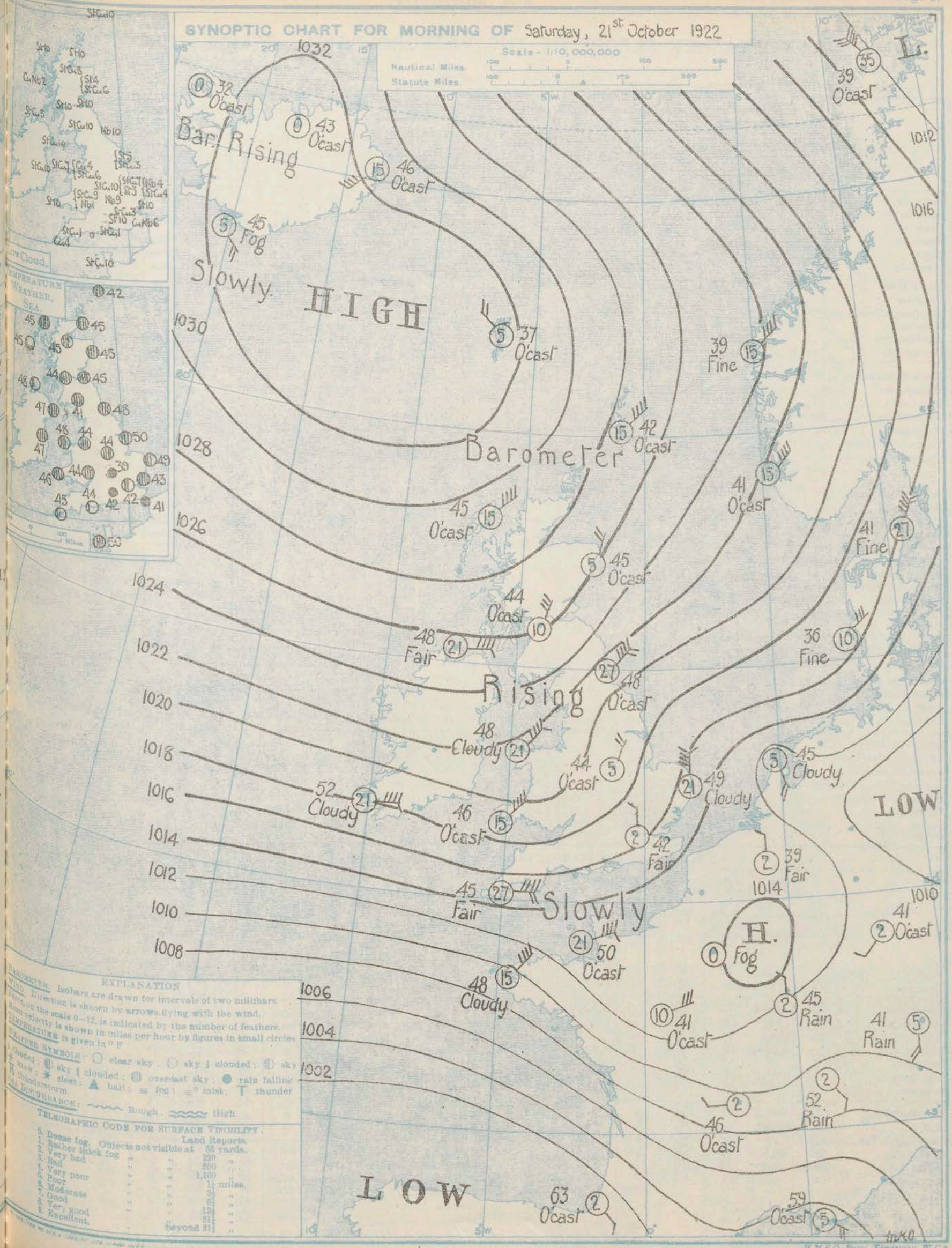
GENERAL INFERENCE.

The anticyclone persists over Iceland and winds will continue from a north-easterly point. There will be much cloud generally and a risk of showers but considerable fair periods are probable.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Saturday 21st October, 1922. | Further Outlook. |
|---|---|---|
| ▲1. S.E. England<br>▲2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>▲5. S.W. England<br>▲6. South Wales<br>▲7. North Wales<br>▲8. N.W. England<br>9. N. Midlands<br>▲10. N.E. England<br>▲11. E. Scotland<br>12. S.W. Scotland<br>▲13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides<br>▲16. Orkneys and Shetlands<br>▲17. N.W. Ireland<br>18. N.E. Ireland<br>▲19. S.E. Ireland<br>▲20. S.W. Ireland | Wind mainly N.E. moderate or fresh, strong at times on the coast; cloudy, probably some showers or drizzle in places; fairer intervals; visibility mainly good; rather cold.<br><br>663 | Similar conditions likely to continue beyond 24 hours.<br><br>---------<br><br>▲ North Cone flying.<br><br>------- |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.15 G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF Saturday, 21st October 1922
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
HIGH
Bar. Rising
Slowly
Barometer
Rising
Slowly
LOW
LOW
H.
L.
1032
1030
1028
1026
1024
1022
1020
1018
1016
1014
1012
1010
1008
1006
1004
1002
1014
1012
1016
1010
32 O'cast
43 O'cast
46 O'cast
45 Fog
37 O'cast
39 O'cast
39 Fine
42 O'cast
41 O'cast
41 Fine
45 O'cast
45 O'cast
44 O'cast
48 Fair
48 O'cast
36 Fine
48 Cloudy
44 O'cast
45 Cloudy
52 Cloudy
46 O'cast
49 Cloudy
42 Fair
39 Fair
45 Fair
50 O'cast
41 O'cast
48 Cloudy
Fog
45 Rain
41 Rain
41 O'cast
52 Rain
46 O'cast
63 O'cast
59 O'cast
EXPLANATION
BAROMETER: Isobars are drawn for intervals of two millibars.
WIND: Direction is shown by arrows flying with the wind.
Force on the scale 0—12, is indicated by the number of feathers.
Mean velocity is shown in miles per hour by figures in small circles.
TEMPERATURE is given in °F.
WEATHER SYMBOLS: clear sky; sky ¼ clouded; sky ½ clouded; sky ¾ clouded; overcast sky; rain falling; snow; sleet; hail; fog; mist; thunder; thunderstorm.
SEA DISTURBANCE: Rough. High.
TELEGRAPHIC CODE FOR SURFACE VISIBILITY.
Land Reports.
0. Dense fog. Objects not visible at 55 yards.
1. Rather thick fog " " 220 "
2. Very bad " " 550 "
3. Bad " " 1,100 "
4. Very poor " " 1 mile.
5. Poor " " 3 "
6. Moderate " " 6 "
7. Good " " 12 "
8. Very Good " " 31 "
9. Excellent. " " Beyond 31 "

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. SATURDAY, 21st OCTOBER 1922. No. 294.

Observations at 0100 G.M.T. 21st

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.† | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1028.0 | 0 | NE | 5 | bc/r | 42 | 75 | 7 | 5000 | St-Cu | 6 | - | 6 | * |
| Stornoway | 1030.3 | 0 | E | 3 | 0 | * | * | 5 | * | * | * | * | * | * |
| Wick | 1024.4 | 0 | NNE | 6 | 0 | 46 | 75 | 8 | 800 | St | 10 | - | 10 | * |
| Castlebay | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head | 1024.5 | 0 | NE | 6 | b | 49 | 85 | 8 | 5000 | St-Cu | 3 | - | 3 | * |
| Renfrew | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1023.7 | 0 | NNE | 5 | 0 | 44 | 75 | 8 | * | St | 10 | - | 10 | * |
| Leuchars | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth | 1021.2 | 0 | NE | 6 | c/r | 48 | 85 | 7 | 4000 | St | 8 | - | 8 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Collinstown | 1022.2 | 0 | NE | 5 | 0 | 49 | 85 | 7 | 2500 | St-Cu | 10 | - | 10 | * |
| Holyhead | 1020.2 | 0 | NE'E | 4 | 0 | 50 | 75 | 8 | 2500 | St-Cu | 9 | - | 9 | * |
| Liverpool (Bidston) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head | 1017.1 | 0 | NE | 7 | or | 47 | 85 | 6 | 4000 | Nb | 10 | - | 10 | * |
| Nottingham | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell | 1018.6 | +1 | N | 5 | bc | 43 | 94 | 8 | 1500 | St | 4 | - | 4 | * |
| Gorleston | 1015.5 | 0 | NE | 6 | br | 49 | 75 | 8 | 5000 | Cu | 2 | - | 2 | * |
| Valencia (Cahirciveen) | 1020.5 | ? | E | 3 | b | 45 | 92 | 8 | - | - | 0 | A Cu | 1 | * |
| Roches Point | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Ann's H.) | 1018.7 | 0 | NE | 4 | b | 41 | 75 | 7 | - | - | 0 | - | 0 | * |
| Ross-on-Wye | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.) | * | * | * | * | * | 50 | * | * | * | * | * | * | * | * |
| Croydon | 1015.7 | 0 | NNE | 3 | c | 42 | 92 | 6 | 1500 | St-Cu | 6 | Ci St | 8 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | * | * | * | * | * | * | * | * | * | - | * | * | * | * |
| Grain | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne | 1013.9 | 0 | N | 5 | o/r | 44 | 94 | 7 | 1500 | St | 10 | - | 10 | * |
| Scilly (St. Mary's) | | | | | | | | | | | | | | * |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Portland Bill | 1014.8 | 0 | NE | 5 | 0 | 43 | 85 | 7 | - | - | 0 | A St | 10 | * |
| Southampton (Calshot) | 1015.9 | 0 | NNE | 3 | c | 46 | 85 | 8 | 4000 | St-Cu | 8 | - | 8 | * |
| Dungeness | 1013.5 | 0 | N | 3 | bcr | 43 | 94 | 8 | * | Cu Nb | 4 | - | 4 | * |
| Jersey (7h.) / Guernsey (1h.) | 1014.7 | +1 | NE | 5 | bc | 46 | 85 | 8 | 5000 | St-Cu | 6 | - | 6 | * |

Observations at 0700 G.M.T. 21st

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.† | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1027.8 | 0 | NE | 4 | 0 | 42 | 75 | 7 | 5000 | St-Cu | 10 | - | 10 | 3 |
| Stornoway | 1029.1 | +1 | NE | 4 | 0 | 45 | 75 | 7 | 800 | St | 10 | - | 10 | 3 |
| Wick | 1027.5 | +1 | NNE | 4 | 0 | 45 | 75 | 8 | 800 | St | 10 | - | 10 | 3 |
| Castlebay | 1028.4 | 0 | NE | 4 | b | 45 | 75 | 8 | 2500 | Cu Nb | 2 | - | 2 | * |
| Nairn | 1028.0 | * | ENE | 5 | c | 45 | 75 | 8 | 4000 | St-Cu | 8 | - | 8 | * |
| Aberdeen | 1026.4 | +2 | NNE | 2 | 0 | 45 | 75 | 7 | 1500 | St-Cu | 10 | - | 10 | 0 |
| Malin Head | 1025.9 | +2 | E | 5 | bc | 48 | 75 | 8 | 5000 | St-Cu | 5 | - | 5 | 4 |
| Renfrew | 1026.2 | +2 | NNE | 3 | 0 | 44 | 75 | 8 | 4000 | St | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1025.9 | +2 | NNE | 5 | 0 | 45 | 75 | 8 | * | St | 10 | - | 10 | 4 |
| Leuchars | 1023.7 | +2 | NNE | 3 | 0 | 44 | 75 | 7 | 2500 | St-Cu | 10 | - | 10 | * |
| Eskdalemuir | 1024.5 | +2 | N'E | 3 | o/r | 41 | 85 | 6 | 2500 | St-Cu | 10 | - | 10 | 5 |
| Tynemouth | 1021.6 | 0 | NE | 6 | r | 48 | 75 | 7 | 4000 | Nb | 10 | - | | |
| Blacksod Point | | | | | | | | | | | | | 10 | 2 |
| Donaghadee | 1024.6 | +2 | ENE | 5 | or | 47 | 75 | 8 | 5000 | St-Cu | 10 | - | | * |
| Birr Castle | | | | | | | | | | | | | 10 | * |
| Collinstown | 1022.0 | +1 | NE | 5 | 0 | 47 | 75 | 7 | 2500 | St-Cu | 10 | - | 7 | 5 |
| Holyhead | 1021.4 | +2 | NE'E | 5 | c | 48 | 75 | 8 | 4000 | St-Cu | 7 | - | 10 | 5 |
| Liverpool (Bidston) | 1021.9 | +2 | NNE | 2 | 0 | 44 | 75 | 8 | 2500 | St-Cu | 10 | - | 10 | * |
| Chester (Shotwick) | 1021.5 | +3 | NW | 3 | 0 | 45 | 75 | 6 | 1500 | St | 10 | - | | |
| Spurn Head | 1017.7 | 0 | N | 6 | c | 50 | 75 | 7 | 4000 | St | 8 | - | 8 | 6 |
| Nottingham | 1018.5 | * | NNE | 2 | 0 | 44 | 85 | 6 | 4000 | St-Cu | 10 | - | 10 | * |
| Cranwell | 1019.2 | +2 | N'W | 5 | 0 | 48 | 85 | 7 | 1500 | St-Cu | 10 | - | 8 | 2 |
| Gorleston | 1015.1 | 0 | N | 5 | c | 49 | 65 | 7 | 4000 | Ni | 8 | - | | |
| Valencia (Cahirciveen) | 1018.0 | -3 | E | 5 | c | 52 | 92 | 8 | * | Cu Ni | 7 | - | 7 | |
| Roches Point | | | | | | | | | | | | | 10 | 3 |
| Pembroke (St. Ann's H.) | 1018.8 | 0 | NE | 4 | 0 | 46 | 75 | 7 | 2500 | St | 10 | - | 10 | * |
| Ross-on-Wye | 1019.0 | +1 | NE'N | 4 | o/r | 44 | 85 | 7 | 4000 | St-Cu | 10 | - | 9 | * |
| Benson | 1016.7 | +1 | NNE | 1 | 0 | 50 | 94 | 6 | * | Nb | 9 | - | 10 | * |
| Andover | 1017.1 | 0 | NE | 4 | 0 | 48 | 94 | 6 | 800 | Nb | 10 | - | 10 | * |
| S. Farnborough | 1017.2 | +2 | N | 2 | 0 | 42 | 94 | 6 | 800 | St | 10 | - | 5 | * |
| London (Kew Obsy.) | 1016.8 | +3 | N | 1 | bc/r | 42 | 92 | 6 | 2500 | St-Cu | 3 | Ci St | 10 | |
| Croydon | 1017.8 | +2 | NNW | 1 | fog | 40 | 94 | 3 | <150 | St | 10 | - | | |
| Clacton-on-Sea | 1015.0 | +1 | NNW | 3 | 0 | 43 | 94 | 7 | 4000 | St | 10 | - | 10 | 0 |
| Shoeburyness | 1016.0 | +2 | NW | 2 | m bc | 43 | 85 | 6 | 4000 | St-Cu | 6 | - | 6 | 0 |
| Grain | 1016.4 | +2 | NNW | 3 | o/r | 43 | 94 | 7 | 2500 | St | 7 | A St | 10 | * |
| Lympne | 1015.3 | +3 | NNW | 4 | c/r | 41 | 92 | 8 | 800 | Nb | 7 | A Cu | 8 | |
| Scilly (St. Mary's) | | | | | | | | | | | | | 6 | 1 |
| Falmouth (Pendennis) | 1014.7 | +1 | E | 6 | bc | 45 | 92 | 7 | 2500 | Cu | 4 | Ci Cu | 8 | 0 |
| Plymouth (Cattewater) | 1015.2 | +1 | E | 5 | c | 44 | 75 | 8 | 4000 | St-Cu | 1 | A Cu | 5 | 4 |
| Portland Bill | 1014.8 | 0 | NE | 5 | b | 44 | 85 | 7 | - | - | 0 | Ci Cu | 3 | 0 |
| Southampton (Calshot) | 1016.5 | +1 | N | 2 | b | 40 | 92 | 8 | 5000 | St-Cu | 1 | A Cu | 6 | 3 |
| Dungeness | 1014.6 | +2 | NNE | 3 | bcr | 41 | 94 | 8 | * | Ci Nb | 6 | - | 10 | 4 |
| Jersey (7h.) / Guernsey (1h.) | 1015.4 | 0 | ENE | 5 | 0 | 50 | 85 | 8 | 4000 | St-Cu | 10 | | | |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20th Oct.

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 19th-20th °F. | Temperature. Max. Day. 20th °F | Rainfall.† Night 17h.-9h. 19th-20th mm. | Rainfall.† Day 9h.-17h. 20th mm. | Sunshine. | Sunshine. Sunrise to Sunset. 20th hr. |
|---|---|---|---|---|---|---|---|---|
| Banff | 0 | 0 or 0 | 48 | 51 | - | 1 | | 0.5 |
| Montrose | * | * | 44 | 49 | - | - | | 0.7 |
| Llandudno | c c b | c c b | 42 | 50 | - | - | | 2.7 |
| Colwyn Bay | c | b c c | 45 | 49 | - | - | | 1.4 |
| Rhyl | b c o | o u | 44 | 51 | - | - | | 1.7 |
| Southport | b c | b. b c o p o | 42 | 51 | - | 0.1 | | 4.2 |
| Blackpool | c | c | 43 | 52 | - | - | | 4.8 |
| Harrogate | o c | b c c o | 39 | 48 | 0.3 | - | | 2.4 |
| Skegness | r o p | p o | 45 | 48 | 1 | 2 | | 0.0 |
| Aberystwyth | o c b | b c c d | 42 | 50 | - | - | | 4.7 |
| Bath | o | o c b c | 39 | 46 | - | - | | 0.0 |
| Leamington Spa | o d p | o p | 40 | 45 | 1 | 2 | | 0.0 |
| Lowestoft | b | or, o r, o | 43 | 50 | 2 | 3 | | 0.0 |
| Felixstowe | o m r | o m r | 44 | 47 | 5 | 5 | | 0.0 |
| Southend | o r | o d | 41 | 44 | 9 | 1 | | 0.0 |

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 19th-20th °F | Temperature. Max. Day. 20th °F | Rainfall.† Night 17h.-9h. 19th-20th mm. | Rainfall.† Day 9h.-17h. 20th mm. | Sunshine. hr. | Sunrise to Sunset. 20th hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton | b c | o | 39 | 46 | - | - | | 0.3 |
| Ilfracombe | o | o | 45 | 49 | - | - | | 0.0 |
| Bude | c | c | 34 | 47 | - | - | | 2.3 |
| Penzance | b | b c c c | 39 | 52 | - | - | | 5.8 |
| Falmouth Observatory | b | b c c | 37 | 51 | - | - | | 6.5 |
| Torquay | b c | o | 41 | 46 | - | - | | 0.6 |
| Weymouth | c o | o | 39 | 46 | - | - | | 0.0 |
| Bournemouth | o | o | 38 | 46 | - | - | | 0.0 |
| Portsmouth (S'thsea) | o | o | 39 | 46 | 1 | - | | 0.1 |
| Worthing | o | o | 40 | 45 | 1 | - | | 0.0 |
| Brighton | o | o | 41 | 47 | 2 | - | | 0.0 |
| Eastbourne | o | o | 41 | 47 | 4 | - | | 0.0 |
| Hastings | o m | o g f | 40 | 46 | 4 | - | | 0.0 |
| Folkestone | f o | o c | 41 | 47 | 5 | - | | 0.0 |
| Tunbridge Wells | o d m o | o d m | 39 | 45 | 5 | 0.3 | | 0.0 |
| Ramsgate | o e | e o r | 41 | 52 | 3 | 0.3 | | 0.0 |
| Margate | o | o r | 43 | 46 | 2 | 2 | | 0.0 |
| Deal | o m o | o m | 42 | 48 | 3 | - | | 0.0 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

AIR MINISTRY.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B22.249. Sunday, 22nd October 1922. Page 1.

| Stations | 1300 Barom. at M.S.L. mb | 1300 Change in 3 Hours‡ | 1300 Wind Direc. | 1300 Wind Force 0-12 | 1300 Weather | 1300 Temp. °F. | 1300 Humidity % | 1300 Visibility§ 0-9 | 1300 Height of Low Cloud Feet | 1300 Low Form. | 1300 Low Amt. 0-10 | 1300 Upper Form. | 1300 Total Amt. 0-10 | 1300 Sea 0-9 | 1800 Barom. at M.S.L. mb | 1800 Change in 3 Hours‡ | 1800 Wind Direc. | 1800 Wind Force 0-12 | 1800 Weather | 1800 Temp. °F. | 1800 Humidity % | 1800 Visibility§ 0-9 | 1800 Height of Low Cloud Feet | 1800 Low Form. | 1800 Low Amt. 0-10 | 1800 Upper Form. | 1800 Total Amt. 0-10 | 1800 Sea 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Observations at 1300 G.M.T. 21st | | | | | | | | | | | | | | Observations at 1800 G.M.T. 21st | | | | | | | | | | | | | |
| Lerwick | 1028.0 | 0 | NNE | 2 | o- | 41 | 75 | 7 | 5700 | StCu | 5 | ASt | 10 | • | 1025.3 | -3 | NNW | 3 | o | 43 | 85 | 7 | 5700 | StCu | 6 | ASt | 10 | 2 |
| Stornoway | 1029.8 | 0 | NE | 4 | o | 46 | 75 | 7 | 800 | St | 10 | - | 10 | • | 1029.8 | 0 | ENE | 3 | o | 43 | 85 | 7 | 800 | St | 10 | - | 10 | 2 |
| Wick | 1028.6 | 0 | NNE | 4 | o | 45 | 75 | 8 | 5700 | StCu | 10 | - | 10 | • | 1027.2 | -1 | NW | 2 | o | 43 | 75 | 8 | 4000 | StCu | 10 | - | 10 | 3 |
| Castlebay | 1028.7 | 0 | NE | 4 | bc | 49 | 65 | 8 | 4000 | StCu | 4 | - | 4 | • | 1027.9 | 0 | NE | 4 | c+ | 45 | 85 | 8 | 1500 | StCu | 8 | - | 8 | 3 |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 1028.0 | • | ENE | 2 | o | 44 | 75 | 8 | 4000 | StCu | 9 | - | 9 | • |
| Aberdeen | 1028.0 | 0 | NNE | 2 | o | 47 | 75 | 8 | 1500 | StCu | 9 | - | 9 | • | 1027.4 | 0 | NNW | 3 | o | 43 | 85 | 8 | 1500 | StCu | 10 | - | 10 | 0 |
| Malin Head | 1026.5 | +1 | ENE | 5 | c | 48 | 75 | 8 | 5700 | StCu | 9 | - | 8 | • | 1025.5 | -1 | ENE | 5 | o | 45 | 85 | 7 | 5700 | StCu | 9 | - | 9 | 4 |
| Renfrew | 1027.1 | 0 | NE | 4 | o | 49 | 65 | 8 | 4000 | StCu | 10 | - | 10 | • | 1026.7 | -1 | NE | 2 | c | 43 | 75 | 8 | 4000 | StCu | 7 | - | 7 | • |
| Edinburgh (Inchkeith) | 1025.7 | +1 | NE | 4 | $op_o$ | 45 | 85 | 7 | - | St | 10 | - | 10 | • | 1025.2 | -1 | NNE | 4 | o | 46 | 75 | 8 | - | St | 10 | - | 10 | 3 |
| Leuchars | 1026.8 | 0 | NNE | 3 | o | 45 | 75 | 8 | 4000 | StCu | 10 | - | 10 | • | 1026.3 | 0 | NNE | 3 | o | 45 | 75 | 8 | 2500 | StCu | 10 | - | 10 | * |
| Eskdalemuir | 1025.3 | 0 | NE | 5 | c | 46 | 75 | 7 | 4000 | StCu | 7 | - | 7 | • | 1025.6 | 0 | NE'N | 4 | o | 42 | 75 | 8 | 2500 | StCu | 10 | - | 10 | • |
| Tynemouth | 1024.2 | +2 | NE | 5 | bc | 50 | 75 | 7 | 4000 | Cu | 3 | - | 3 | • | 1024.2 | 0 | NE | 5 | o | 48 | 85 | 7 | 4000 | StCu | 10 | - | 10 | 6 |
| Blacksod Point | | | | | | | | | | | | | | • | | | | | | | | | | | | | | • |
| Donaghadee | 1024.8 | -1 | ENE | 3 | o- | 50 | 75 | 8 | 7200 | StCu | 8 | - | 8 | • | 1024.1 | -1 | ESE | 4 | c+ | 50 | 85 | 8 | 5700 | StCu | 3 | - | 8 | 5 |
| Birr Castle | | • | | | | | | | | | | | | • | | • | | | | | | | | | | | | • |
| Collinstown | 1023.6 | -1 | NE'N | 5 | o | 49 | 75 | 7 | 2500 | StCu | 10 | - | 10 | • | 1022.7 | 0 | NNE | 4 | o | 49 | 75 | 7 | 2500 | StCu | 10 | - | 10 | • |
| Holyhead | 1021.6 | -2 | NE'E | 6 | c | 51 | 75 | 8 | 2500 | StCu | 7 | - | 7 | • | 1020.9 | 0 | NE'E | 6 | bc- | 50 | 75 | 8 | 2500 | Cu | 3 | - | 3 | 6 |
| Liverpool (Bidston) | 1021.3 | -2 | NE'E | 4 | o | 49 | 65 | 5 | 1500 | CuNb | 9 | - | 9 | • | 1021.8 | +2 | ENE | 4 | b | 47 | 65 | 6 | - | - | 0 | - | 0 | 4 |
| Chester (Shotwick) | 1021.7 | 0 | NE | 4 | o | 50 | 75 | 6 | 2500 | StCu | 4 | ACu | 9 | • | 1021.7 | +1 | ENE | 2 | c+ | 43 | 75 | 5 | - | - | 0 | ACu | 7 | • |
| Spurn Head | 1020.5 | +3 | NE'N | 6 | c- | 52 | 65 | 7 | 4000 | Cu | 6 | - | 6 | • | 1021.7 | +1 | ENE | 5 | bc | 48 | 65 | 7 | 4000 | Cu | 4 | - | 4 | 6 |
| Nottingham | 1019.8 | • | ENE | 4 | c | 53 | 55 | 7 | 2500 | Cu | 6 | - | 6 | • | 1020.8 | • | E | 2 | c | 45 | 75 | 6 | 2500 | StCu | 5 | ACu | 6 | • |
| Cranwell | 1020.6 | +1 | NE | 5 | c- | 51 | 85 | 7 | 4000 | StCu | 6 | - | 6 | • | 1021.7 | +1 | NE | 3 | bc | 50 | 85 | 7 | 2500 | StCu | 5 | - | 5 | • |
| Gorleston | 1016.8 | +1 | E'N | 6 | $cp_o$ | 52 | 85 | 7 | 4000 | CuNb | 9 | - | 9 | • | 1019.0 | +2 | ENE | 6 | c- | 48 | 75 | 7 | 4000 | StCu | 6 | - | 6 | 5 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | • | | | | | | | | | | | | | | |
| Roches Point | | | | | | | | | | | | | | • | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1018.7 | 0 | NE | 4 | c | 50 | 65 | 7 | 2500 | Cu | 6 | - | 6 | • | 1017.7 | +1 | ENE | 4 | c | 48 | 65 | 7 | 2500 | Cu | 6 | - | 6 | 3 |
| Ross-on-Wye | 1013.2 | -2 | NE'E | 4 | c- | 51 | 65 | 8 | 4000 | Cu | 5 | Ci | 6 | • | 1015.7 | +2 | ENE | 5 | o | 48 | 65 | 9 | 2500 | StCu | 10 | - | 10 | • |
| Benson | 1017.3 | -3 | NE | 5 | c | 50 | 75 | 8 | - | Cu | 7 | - | 7 | • | 1017.8 | +2 | ENE | 4 | c | 47 | 85 | 8 | 2500 | StCu | 8 | - | 8 | • |
| Andover | 1016.5 | -1 | E'N | 5 | o | 50 | 75 | 7 | 2500 | StCu | 9 | - | 9 | • | 1016.0 | 0 | ENE | 5 | c+ | 47 | 85 | 7 | 1500 | StCu | 8 | - | 8 | • |
| S. Farnborough | 1016.5 | -2 | NE | 5 | bc | 51 | 75 | 7 | 7200 | StCu | 3 | Ci | 4 | • | 1016.1 | +1 | ENE | 3 | o | 48 | 85 | 6 | 2500 | StCu | 10 | - | 10 | • |
| London (Kew Obsy.) | 1016.5 | -3 | NE | 4 | bc | 52 | 65 | 6 | 4000 | Cu | 3 | - | 3 | • | 1017.4 | +3 | ENE | 4 | bcm | 50 | 85 | 7 | 4000 | Cu | 4 | - | 4 | • |
| Croydon | 1016.7 | -1 | NNE | 5 | c/f | 52 | 65 | 6 | 2500 | StCu | 7 | - | 7 | • | 1017.2 | +3 | NE'E | 4 | o/r | 47 | 85 | 6 | 4000 | StCu | 10 | - | 10 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • | 1017.? | +3 | ENE | 4 | c | 50 | 75 | 7 | 4000 | Cu | 7 | - | 7 | 2 |
| Shoeburyness | 1016.0 | 0 | NW | 4 | $cp_o$ | 54 | 75 | 8 | 2500 | Cu | 5 | ACu | 6 | • | 1017.0 | +3 | ENE | 3 | o | 48 | 75 | 7 | 2500 | St | 3 | - | 3 | • |
| Grain | 1016.0 | -1 | NE | 4 | c | 52 | 75 | 3 | 4000 | StCu | 5 | ACu | 7 | • | 1017.5 | +3 | ENE | 6 | bc | 49 | 75 | 8 | 4000 | StCu | 3 | - | 3 | 3 |
| Lympne | 1015.0 | 0 | N'E | 5 | c | 52 | 85 | 7 | 2500 | Cu | 5 | ACu | 6 | • | 1014.8 | +4 | NE | 5 | bc | 46 | 75 | 7 | 1500 | Cu | 4 | - | 4 | • |
| Scilly (St. Mary's) | | | | | | | | | | | | | | • | 1014.3 | -1 | E | 5 | o | 51 | 75 | 7 | 4000 | StCu | 10 | - | 10 | 7 |
| Falmouth (Pendennis) | 1012.7 | -2 | E | 8 | o | 50 | 75 | 7 | 2500 | Cu | 9 | - | 9 | • | 1011.5 | -2 | E | 3 | o | 51 | 85 | 7 | 2500 | Cu | 10 | - | 10 | 6 |
| Plymouth (Cattewater) | 1014.1 | -2 | ENE | 6 | c- | 50 | 75 | 9 | 2500 | Cu | 6 | - | 6 | • | 1013.8 | 0 | ENE | 5 | bc | 50 | 75 | 8 | 4000 | Cu | 3 | - | 3 | 0 |
| Portland Bill | 1014.8 | 0 | NE | 6 | bc | 51 | 75 | 7 | - | - | 0 | CiCu | 3 | • | 1013.4 | -2 | NE | 7 | bc | 50 | 75 | 7 | - | - | 0 | CiCu | 3 | 5 |
| Southampton (Calshot) | 1016.5 | -1 | NE | 5 | c+ | 53 | 65 | 7 | 4000 | StCu | 6 | - | 6 | • | 1015.2 | +1 | NNE | 4 | c | 49 | 85 | 7 | 4000 | StCu | 6 | - | 6 | 3 |
| Dungeness | | | | | | | | | | | | | | • | 1015.1 | +1 | E | 7 | cr | 49 | 75 | 8 | 4000 | Cu | 6 | - | 6 | 6 |
| Jersey 7h / Guernsey 1h | 1012.0 | 0 | - | 0 | c | 50 | 65 | 8 | 4000 | StCu | 6 | - | 6 | • | 1010.2 | -1 | ENE | 5 | o | 53 | 75 | 8 | 4000 | StCu | 10 | - | 10 | 4 |

| London Observations | Weather Morning | Weather Afternoon | Weather Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 Hours ended 0900 G.M.T. 22nd Oct. | | | | | | | | Yesterday. | | To-day. |
| Kew | bcmw bz | bz.cz.bcz | $ed_o$ o.cm | • | • | 37 | - | 0.2 | 3.1 | • | • |
| Croydon (24 hours ended 0700) | offmzz | c.ozmp | $or_o$rmbcb | • | • | 35 | tr | 2 | 3.3 | • | • |
| Greenwich (Royal Obsy.) | c.b | bc.crd | or.o.bcod | 54 | 40 | 35 | 1 | 1 | 4.5 | 75 | 79 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 3.3 | • | • |
| Westminster (St. James' Pk.) | • | • | • | | | | | | | | |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 3.8 | • | • |
| Camden Square. | c | c | • | 56 | 41 | 36 | 1 | 1 | • | • | 80 |
| Kensington Palace | bc | bc.b | • | 54 | 42 | 35 | - | 0.5 | • | 79 (18h) | 80 |
| Hampstead Observatory | • | • | • | | | • | | | 4.4 | • | |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. ............

| South Kensington Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

| Kew Observatory Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate

..............Milliwatts.

Maximum Rate

..............Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from ........................h......m. to ........................h......m.

| Stars. | Exposure h. m. | Record h. m. | % |
|---|---|---|---|
| Polaris | | | |
| δ Ursae Minoris | | | |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | $C_1C_2$ | 7 | - | 35 |
| 18h. | C | 6 | ~ | 180 |
| 01h. | $C_1C_2$ | 6 | - | 65 |
| 07h. | $C_1C_2$ | 6 | - | 85 |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.**

22nd & 23rd October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.32 / 6.34 | 11.38 / 11.37 | 4.43 / 4.40 |
| Greenwich | 6.38 / 6.39 | 11.45 / 11.44 | 4.52 / 4.49 |
| Wick | 7.6 / 7.8 | 11.57 / 11.58 | 4.48 / 4.45 |
| Valencia | 7.19 / 7.21 | 12.26 / 12.25 | 5.32 / 5.30 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
$r_or_o$ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**

0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. • Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

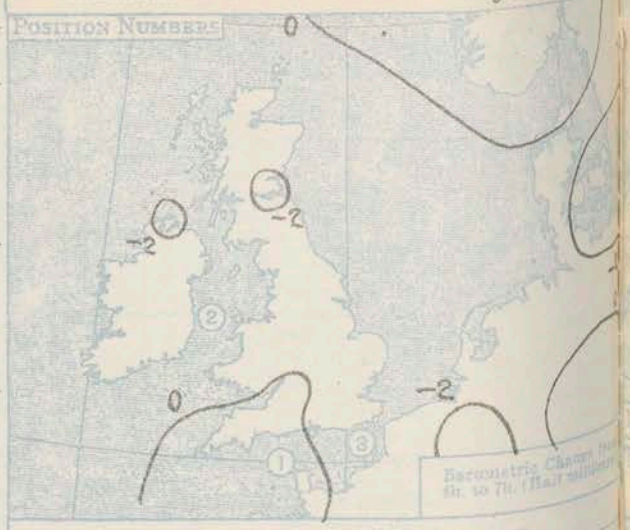
## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 21st | 13h.-18h. 21st | 18h. 21st to 1h. 22nd | 1h.-7h. 22nd | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | c | c | cq | c | 44 | 38 | * | – | 0·4 | – | <2100 | * |
| Stornoway ... ... | o | oo | b or bc | oo | 46 | 35 | * | – | 0·3 | – | – | 0·0 |
| Wick ... ... ... | o | oo | c | op. | 48 | 38 | * | – | trace | – | <2100 | * |
| Castlebay ... ... | dc | bco | o.bc.o | o.c.b | 49 | 43 | * | – | – | – | – | 6·8 |
| Nairn ... ... ... | og | cgq | og.o. | cg | 47 | 40 | * | – | – | – | – | 0·0 |
| Aberdeen ... ... | o | c | o | o.oir | 47 | 40 | 36 | – | 0·5 | – | 0430 | 0·2 |
| Malin Head ... ... | cov | c | c | c | 49 | 45 | * | – | – | – | – | 3·6 |
| Renfrew ... ... | op. | ooc | oo | oo | 50 | 38 | 21 | – | – | – | – | 1·7 |
| Edinburgh (Inchkeith) | p | oo | bc | c | 47 | 40 | 37 | trace | trace | – | – | 0·4 |
| Leuchars ... ... | p | oo | oo | oo | 48 | 34 | 26 | trace | – | 0300 | – | 0·5 |
| Eskdalemuir ... ... | oc | co | o.bc.op | o.c.b | 47 | 35 | 32 | – | 0·5 | – | 2200 | 1·9 |
| Tynemouth ... ... | bcq | cq | id. | cq | 50 | 44 | 39 | – | 0·1 | – | <2100 | * |
| Blacksod Point ... | | | | | | | * | | | | | * |
| Donaghadee ... ... | c | cq | bcq | cq | 50 | 45 | * | – | – | – | – | * |
| Birr Castle ... ... | | | | | | | | | | | | |
| Collinstown ... ... | ooq | oo | oo | oo | 50 | 46 | * | – | – | – | – | 0·3 |
| Holyhead ... ... | coc | cobcb | bc. c. b.o | c.o.oτ | 51 | 45 | 42 | – | trace | – | 0630 | 3·3 |
| Liverpool (Bidston) ... | obccm | cbm | c.o | | 51 | 40 | 34 | – | – | – | – | 2·3 |
| Chester (Shotwick) ... | omcb3 bcco2 | czbccm | bx | c.od. | 52 | 34 | 22 | – | trace | – | 0630 | * |
| Spurn Head ... ... | c | c | c | c | 53 | 44 | * | 0·2 | 0·3 | 0800 | 1030 | 5·9 |
| Nottingham ... ... | op. | c | bc | c | 54 | 40 | 36 | trace | – | 0800 | – | 6·2 |
| Cranwell ... ... | mbc | bc | oip.o | c | 52 | 35 | 31 | – | trace | – | 2300 | 7·3 |
| Gorleston ... ... | cqp | cqpr | bcqτ.o | o.cqo | 53 | 46 | 41 | 1 | 1 | 0800 | <2100 | 3·8 |
| Valencia (Cahirciveen) | | | | | | | | | | | | |
| Roches Point ... ... | | | | | | | * | | | | | * |
| Pembroke (St. Ann's H.) | coq | c | oo | b or bc | 53 | 39 | * | – | – | – | – | 6·7 |
| Ross-on-Wye ... ... | obcc | obcyco | o.bc | c.o | 52 | 40 | 36 | – | – | – | – | 3·2 |
| Benson ... ... ... | c | oc | d.o | o | 53 | 37 | 34 | trace | 0·1 | – | <2100 | * |
| Andover ... ... | oq.co | ocbc | bc.b | bw | 53 | 38 | 24 | – | – | – | – | 4·4 |
| S. Farnborough ... | c | c | τ.od | | 54 | 38 | 31 | – | 0·6 | – | <2100 | 4·2 |
| London (Kew Obsy.) ... | bcmwbz | bzczbcz | od.o.cm | o.c.c | 54 | 40 | 37 | – | 0·2 | – | <2100 | 3·1 |
| Croydon ... ... | offmcz | cozmpo | o.τm.bc | bc | 53 | 40 | 35 | trace | 2 | 1730 | 0600 | 3·3 |
| Clacton-on-Sea ... | ogbcb | bcc | cp.bc | b.bcop | 54 | 43 | 40 | – | 2 | – | <2100 | 3·4 |
| Shoeburyness ... ... | bcmzbc | p | cp.τ.bc | c.op.τ | 55 | 42 | 41 | trace | 0·1 | 1530 | <2100 | 4·3 |
| Grain ... ... ... | obcc | cbocb | b.bc.op | o.c.o | 52 | 44 | 42 | – | 0·3 | – | <2100 | 4·4 |
| Lympne ... ... | cozm cq | bcqprc | bwbc | bwbc | 52 | 41 | 36 | 0·1 | – | <0800 | – | 5·7 |
| Scilly (St. Mary's) ... | | oq | oq | oq | 52 | 42 | * | – | – | – | – | 0·3 |
| Falmouth (Pendennis) | bccoq | cq | | oq | 52 | 46 | * | – | – | – | – | 0·4 |
| Plymouth (Cattewater) | cq | bbc | | | | | | – | | – | | |
| Portland Bill ... | b.bc | bbc | bc.cq | c.bcq | 53 | 42 | * | – | – | – | – | * |
| Southampton (Calshot) | cq | bc | c | c | 46 | 40 | 37 | trace | – | 0900 | – | 5·2 |
| Dungeness ... ... | | qp | c | bq | 55 | 44 | * | 0·5 | 0·2 | 0900 | <2100 | * |
| Jersey 7h. ... | occc | oco | c | o | 56 | 41 | * | – | – | – | – | 1·8 |
| Guernsey 1h. | | | | | | | | | | | | |

† For Code see opposite page.

ISALLOBARS

Sunday, 22nd Oct.




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 2 | 21st 1300 | – | ENE | 6 | cq | 50 | 54 |
| 1 | 21st 1615 | 1bex | SE | 7 | co+ | 49 | 57 |

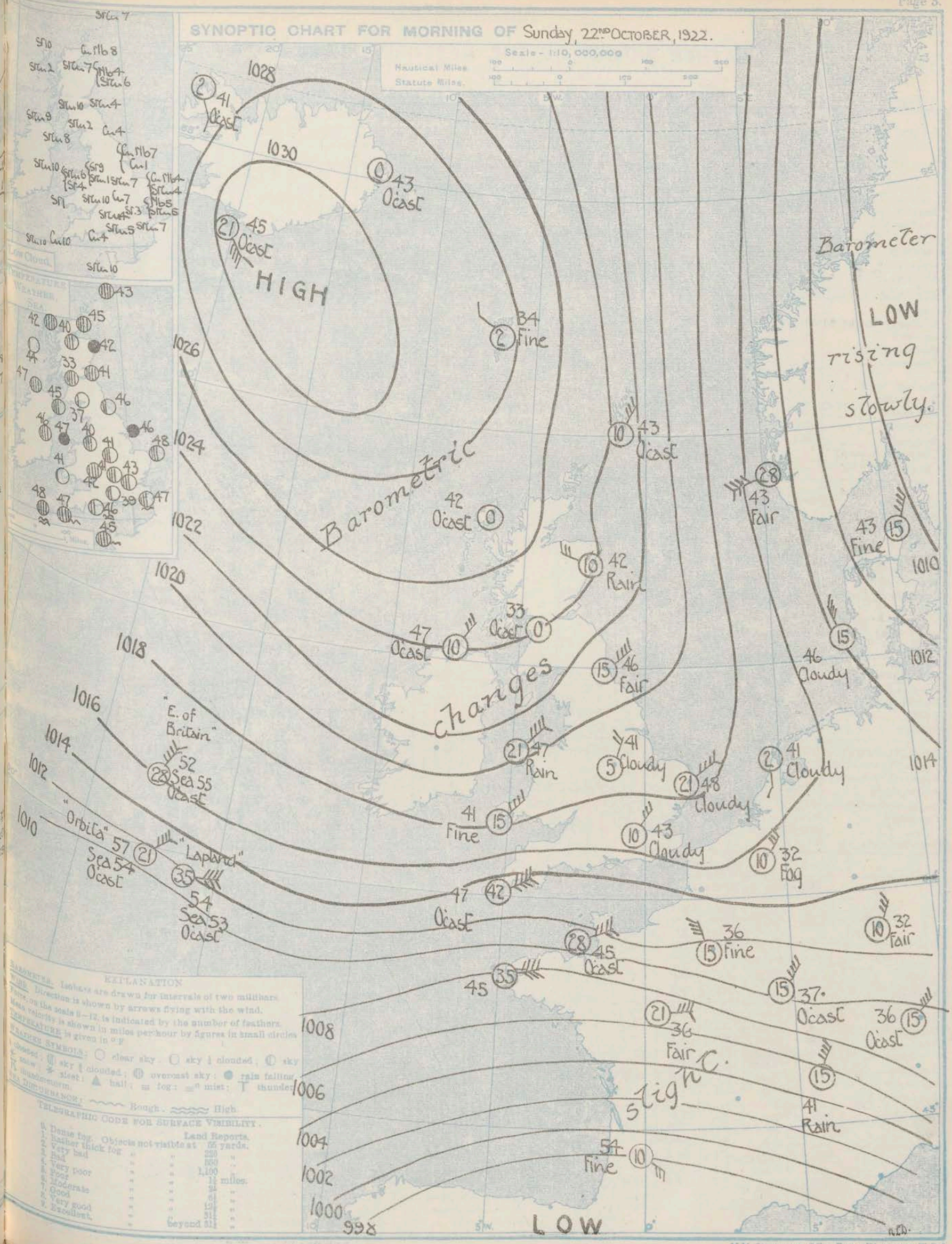
GENERAL INFERENCE.

The distribution of pressure is undergoing little change. Winds will be from NE, strong to a gale locally on the eastern and southern coasts of England, and the weather will be cold and unsettled generally, but with considerable fair periods in the west.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 22nd October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England | Wind NE. fresh to strong at times, reaching gale force locally on the coast; mainly cloudy, occasional rain or drizzle; visibility moderate or good; rather cold. | Rather cold NE winds will continue for more than 24 hours generally, with unsettled weather especially in the eastern districts. |
| 3. E. Midlands<br>4. W. Midlands | Wind NE, fresh or strong at times; mainly cloudy, occasional rain or drizzle; visibility moderate or good; rather cold. | |
| 5. S.W. England | Same as 1-2 | |
| 6. South Wales<br>7. North Wales<br>8. N.W. England | Wind NE, fresh to strong at times; occasional rain or drizzle but considerable fair periods; visibility moderate or good; rather cold. | |
| 9. N. Midlands<br>10. N.E. England | Same as 3-4. | |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N.&N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | Moderate N or NE winds; cloudy, occasional rain or drizzle; visibility mainly good; rather cold. | |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Moderate or fresh NE winds, occasional rain or drizzle, but considerable fair periods. visibility moderate or good; rather cold. | |

C.Y.N.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1145. G. C. SIMPSON, F.R.S., Director.




H.M. Stationery Office Press, Kingsway, W.C.2

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Sunday 22nd October 1922. No. 295.

### Observations at 0100 G.M.T. 22nd

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1023·5 | 0 | NNW | 3 | bc | 42 | 75 | 7 | 5750 | St Cu | 6 | - | 6 | • |
| Stornoway ... ... | 1029·5 | 0 | NE | 1 | bc | • | • | 6 | • | • | • | • | • | • |
| Wick ... ... ... | 1025·6 | -2 | NNW | 3 | o+ | 42 | 97 | 8 | 4000 | Cu | 2 | a St | 9 | • |
| Castlebay ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head ... ... | 1025·1 | 0 | ENE | 5 | o | 47 | 75 | 7 | 5750 | St Cu | 10 | - | 10 | • |
| Renfrew ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1024·7 | +1 | NNE | 3 | b- | 41 | 85 | 8 | — | St Cu | 2 | - | 2 | • |
| Leuchars ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth ... ... | 1023·1 | -2 | NE | 4 | b/r | 46 | 75 | 7 | 4000 | St | 2 | - | 2 | • |
| Blacksod Point ... | | | | | | | | | | | | | | • |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | 1022·8 | 0 | NE | 4 | o | 48 | 75 | 7 | 1500 | St | 10 | — | 10 | • |
| Holyhead ... ... | 1021·7 | +1 | ENE | 4 | c+ | 48 | 75 | 8 | 2500 | St Cu | 7 | - | 7 | • |
| Liverpool (Bidston) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head ... ... | 1020·5 | -1 | ENE | 4 | bc | 46 | 85 | 7 | 1500 | St | 5 | - | 5 | • |
| Nottingham ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell ... ... | 1021·3 | 0 | NNE | 3 | o | 42 | 85 | 7 | 1500 | St Cu | 10 | - | 10 | • |
| Gorleston ... ... | 1019·6 | 0 | E'N | 5 | o+r | 47 | 75 | 8 | 2500 | Cu Nb | 10 | - | 10 | • |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | • |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1018·5 | 0 | NE | 5 | b | 42 | 85 | 8 | 4000 | Cu | 3 | - | 3 | • |
| Ross-on-Wye ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.)... | • | • | • | • | • | 44 | • | • | • | • | • | • | • | • |
| Croydon ... ... | 1017·3 | -1 | ENE | 3 | b/r | 43 | 92 | 8 | - | - | 0 | a St | 3 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne ... ... | 1016·6 | 0 | ENE | 4 | b | 43 | 85 | 8 | - | - | 0 | - | 0 | • |
| Scilly (St. Mary's) ... | 1012·3 | 0 | E | 5 | o | 50 | 75 | 7 | 4000 | St Cu | 10 | - | 10 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1013·4 | 0 | E | 8 | bc | 47 | 75 | 7 | 1500 | St Cu | 6 | - | 6 | • |
| Southampton (Calshot) | 1016·4 | -1 | ENE | 6 | o+ | 47 | 75 | 8 | 2500 | St Cu | 10 | - | 10 | • |
| Dungeness ... ... | 1015·5 | 0 | E | 6 | b | 45 | 85 | 8 | - | - | 0 | - | 0 | • |
| Jersey ·7h} ... ... | 1010·8 | -2 | NE | 8 | bc | 48 | 85 | 6 | 5750 | St Cu | 6 | — | 6 | • |
| Guernsey 1h} | | | | | | | | | | | | | | |

### Observations at 0700 G.M.T. 22nd

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1023·9 | 0 | NNE | 3 | o+ | 43 | 65 | 7 | 5700 | St Cu | 7 | a St | 10 | 2 |
| Stornoway ... ... | 1026·6 | -1 | - | 0 | o- | 42 | 92 | 6 | 800 | St | 10 | - | 10 | 0 |
| Wick ... ... ... | 1024·0 | -1 | N | 4 | o | 45 | 75 | 8 | 4000 | Cu Nb | 8 | a St | 10 | 4 |
| Castlebay ... ... | 1026·4 | 0 | NNE | 2 | b- | 44 | 75 | 8 | 2500 | St Cu | 2 | - | 2 | 1 |
| Nairn ... ... ... | 1025·2 | • | - | 0 | c | 40 | 85 | 8 | 4000 | St Cu | 7 | - | 7 | • |
| Aberdeen ... ... | 1024·0 | -1 | NW | 3 | o+r | 42 | 97 | 6 | 1500 | St Cu | 10 | - | 10 | 0 |
| Malin Head ... ... | 1024·0 | -2 | NE | 3 | o | 47 | 75 | 8 | 5700 | St Cu | 9 | - | 9 | 3 |
| Renfrew ... ... | 1024·8 | +1 | - | 0 | o | 33 | 92 | 8 | 4000 | St Cu | 10 | - | 10 | • |
| Edinburgh (Inchkeith) | 1023·7 | -2 | N | 2 | o+ | 41 | 75 | 8 | - | St Cu | 4 | a St | 10 | 2 |
| Leuchars ... ... | 1023·6 | -2 | NW | 2 | o | 37 | 92 | 8 | 4000 | St Cu | 10 | - | 10 | • |
| Eskdalemuir ... ... | 1023·8 | -1 | - | 0 | b | 37 | 92 | 8 | 2500 | St Cu | 2 | - | 2 | • |
| Tynemouth ... ... | 1021·9 | 0 | NE | 4 | bc | 46 | 85 | 7 | 4000 | Cu | 4 | - | 4 | 5 |
| Blacksod Point ... | 1023·4 | -1 | ESE | 3 | c | 45 | 85 | 8 | 5700 | St Cu | 8 | - | 8 | 5 |
| Donaghadee ... ... | | | | | | | | | | | | | | • |
| Birr Castle ... ... | | | | | | | | | | | | | | • |
| Collinstown ... ... | 1022·4 | 0 | ENE | 4 | o | 46 | 75 | 8 | 2500 | St Cu | 10 | - | 10 | 4 |
| Holyhead ... ... | 1020·7 | -1 | NE'E | 5 | o+o | 47 | 85 | 8 | 2500 | St Cu | 10 | - | 8 | 3 |
| Liverpool (Bidston) ... | 1021·1 | 0 | NE'E | 2 | c | 40 | 92 | 7 | 2500 | St Cu | 8 | - | 10 | • |
| Chester (Shotwick) ... | 1022·1 | 0 | N | 3 | od₀ | 42 | 92 | 5 | 4000 | St | 10 | - | | |
| Spurn Head ... ... | 1019·0 | -1 | NE | 5 | cPR | 46 | 85 | 7 | 4000 | Cu Nb | 8 | c- | 8 | 5 |
| Nottingham ... ... | 1019·5 | • | NNE | 2 | c | 41 | 92 | 7 | 2500 | St Cu | 7 | Ci | 8 | • |
| Cranwell ... ... | 1020·1 | -1 | N'E | 3 | bc | 40 | 97 | 7 | 2500 | St Cu | 5 | - | 5 | • |
| Gorleston ... ... | 1019·8 | -1 | NE'E | 5 | c- | 43 | 65 | 7 | 4000 | Cu Nb | 8 | - | 8 | 4 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | | | | | | | | | | | | | | 3 |
| Pembroke (St. Ann's H.) | 1018·2 | 0 | NE | 4 | b | 41 | 75 | 8 | 2500 | St | 1 | - | 1 | • |
| Ross-on-Wye ... ... | 1018·4 | -1 | NE | 3 | o | 42 | 75 | 7 | 2500 | St Cu | 10 | - | 10 | • |
| Benson... ... ... | 1017·6 | 0 | NNE | 3 | c | 41 | 85 | 8 | - | Cu | 7 | - | 7 | • |
| Andover ... ... | 1016·5 | 0 | ENE | 3 | b | 39 | 92 | 8 | 2500 | St Cu | 3 | - | 3 | • |
| S. Farnborough ... | 1016·3 | -1 | NE | 2 | bc+ | 39 | 92 | 8 | 4000 | St Cu | 4 | a Cu | 6 | • |
| London (Kew Obsy.)... | 1017·2 | -1 | NE | 3 | c | 43 | 85 | 7 | 2500 | St Cu | 8 | - | 8 | • |
| Croydon ... ... | 1016·7 | -1 | NE | 3 | bc+ | 41 | 92 | 7 | 800 | St | 3 | a St | 5 | • |
| Clacton-on-Sea ... | 1016·7 | -1 | N | 3 | c/r | 44 | 92 | 7 | 2500 | Nb | 7 | - | 7 | 0 |
| Shoeburyness... ... | 1016·8 | -1 | NW | 3 | opr₀ | 44 | 85 | 7 | 1500 | St Cu | 9 | - | 9 | 3 |
| Grain ... ... ... | 1016·8 | 0 | NE | 4 | o | 45 | 92 | 8 | 1500 | St Cu | 10 | - | 10 | • |
| Lympne ... ... | 1015·6 | 0 | NE'E | 4 | c+ | 44 | 75 | 8 | 4000 | St Cu | 8 | - | 8 | • |
| Scilly (St. Mary's) ... | 1012·1 | 0 | E'N | 5 | o | 48 | 75 | 7 | 4000 | St Cu | 10 | - | 10 | 7 |
| Falmouth (Pendennis) | 1012·7 | +1 | ENE | 8 | o | 47 | 75 | 7 | 4000 | Cu | 10 | - | 10 | 6 |
| Plymouth (Cattewater) | | | | | | | | | | | | | 4 | 7 |
| Portland Bill ... ... | 1013·4 | 0 | ENE | 8 | bc- | 46 | 75 | 7 | 1500 | Cu | 4 | - | 5 | 0 |
| Southampton (Calshot) | 1015·7 | 0 | NE'N | 4 | bc- | 43 | 85 | 7 | 4000 | St Cu | 5 | - | 7 | 6 |
| Dungeness ... ... | 1014·9 | -3 | E | 6 | c+ | 47 | 85 | 8 | 5700 | St Cu | 7 | - | 10 | 6 |
| Jersey ·7h} ... ... | 1010·9 | +1 | ENE | 6 | o | 45 | 85 | 8 | 4000 | St Cu | 10 | | | |
| Guernsey 1h} | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 21st Oct.

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 20th-21st °F. | Temperature. Max. Day. 21st °F. | Rainfall.† Night 17h.-9h. 20th-21st mm. | Rainfall.† Day 9h.-17h. 21st mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. 21st hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | cpc | oip | 45 | 49 | - | - | | 0·8 |
| Montrose ... ... | | | 43 | 48 | - | - | | 1·6 |
| Llandudno ... ... | ccb | cbc | 44 | 52 | - | - | | 2·2 |
| Colwyn Bay ... | c | c | 47 | 50 | - | - | | 2·1 |
| Rhyl... ... ... | bc | bcc | 44 | 52 | - | - | | 2·4 |
| Southport ... ... | cbc | bccbc | 43 | 52 | - | - | | 4·2 |
| Blackpool ... ... | c | o | 43 | 52 | - | - | | 3·1 |
| Harrogate ... ... | bbc | bbc | 41 | 48 | 0·3 | 0·2 | | 3·2 |
| Skegness ... ... | b | b | 46 | 52 | 1 | - | | 4·7 |
| Aberystwyth ... | occbb | cco | 42 | 54 | - | - | | 6·7 |
| Bath ... ... | bccb | bcco | 35 | 53 | - | - | | 4·5 |
| Leamington Spa ... | c | c | 38 | 54 | - | - | | 4·0 |
| Lowestoft ... ... | bcoir | cocir | 43 | 53 | 3 | 1 | | 3·3 |
| Felixstowe ... ... | obc | cbc | 38 | 54 | 4 | - | | 4·6 |
| Southend ... ... | cbc | bc | 37 | 54 | 0·2 | - | | 5·0 |

| STATIONS. | Weather. Fore-noon. | Weather. After-noon. | Temperature. Min. Night. 20th-21st °F. | Temperature. Max. Day. 21st °F. | Rainfall.† Night 17h.-9h. 20th-21st mm. | Rainfall.† Day 9h.-17h. 21st mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. 21st hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton ... ... | bcqc | obcq | 42 | 53 | - | - | | 4·9 |
| Ilfracombe ... ... | ocbc | bcc | 45 | 53 | - | - | | 4·4 |
| Bude ... ... | | | | | | | | 0·6 |
| Penzance ... ... | bcc | o | 41 | 52 | - | - | | 1·9 |
| Falmouth Observatory | c | o | 43 | 51 | - | - | | 5·7 |
| Torquay ... ... | b | b | 42 | 54 | - | - | | 4·5 |
| Weymouth ... ... | cb | cb | 39 | 53 | - | - | | 5·1 |
| Bournemouth ... | bc | bc | 35 | 53 | - | - | | 5·0 |
| Portsmouth (S'thsea) | cbb | bbc | 39 | 55 | - | - | | 5·0 |
| Worthing ... ... | bb | cc | 40 | 55 | - | - | | 5·6 |
| Brighton ... ... | c | c | 40 | 55 | - | - | | 6·3 |
| Eastbourne ... ... | cbc | bcco | 39 | 56 | 0·1 | - | | 6·3 |
| Hastings ... ... | bcb | bbcco | 40 | 55 | 0·2 | - | | 8·7 |
| Folkestone ... ... | bc | ogedo | 41 | 53 | 2 | 0·1 | | 4·1 |
| Tunbridge Wells ... | ocb | cc | 37 | 54 | 0·1 | - | | 3·8 |
| Ramsgate ... ... | bcbcc | bbcc | 42 | 53 | 4 | - | | 3·2 |
| Margate ... ... | obc | bcc | 44 | 53 | 1 | - | | 2·6 |
| Deal ... ... ... | cbc | bcco | 40 | 54 | 3 | - | | |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 3. § See footnote page 1.

**AIR MINISTRY.**

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22250 Monday, 23rd October 1922. 

Observations at 1300 G.M.T. 22nd

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1024.0 | 0 | N | 3 | o | 42 | 65 | 7 | 4000 | St.Cu | 9 | - | 9 | • |
| Stornoway | 1025.4 | -1 | NW | 2 | o\|r | 45 | 92 | 6 | 1500 | Nb | 10 | - | 10 | • |
| Wick | 1024.3 | 0 | N | 3 | o | 45 | 75 | 8 | 5700 | St.Cu | 10 | - | 10 | • |
| Castlebay | 1025.3 | -1 | NE | 2 | c | 49 | 75 | 8 | 2500 | St.Cu | 7 | - | 7 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1024.0 | 0 | NNE | 3 | o+ | 47 | 65 | 7 | 1500 | St | 10 | - | 10 | • |
| Malin Head | 1023.5 | -1 | ENE | 3 | b- | 47 | 75 | 8 | 4000 | Cu | 1 | - | 1 | • |
| Renfrew | 1023.4 | -2 | NE | 2 | o | 49 | 65 | 8 | 5700 | St.Cu | 10 | - | 10 | • |
| Edinburgh (Inchkeith) | 1023.0 | -2 | N | 3 | o | 45 | 85 | 8 | - | St.Cu | 9 | - | 9 | • |
| Leuchars | 1023.0 | -1 | N | 3 | o | 48 | 75 | 8 | 4000 | St.Cu | 10 | - | 10 | • |
| Eskdalemuir | 1022.4 | -1 | NNE | 4 | o | 44 | 85 | 8 | 2500 | St.Cu | 10 | - | 10 | • |
| Tynemouth | 1020.9 | -1 | NE | 4 | obr0 | 49 | 85 | 7 | 4000 | Nb | 9 | - | 9 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1022.8 | -1 | E | 3 | bc | 48 | 85 | 8 | 4000 | Cu | 4 | - | 4 | • |
| Birr Castle | 1020.2 | • | SE | 2 | c- | 47 | 75 | 8 | 4000 | St.Cu | 8 | - | 8 | • |
| Collinstown | 1021.6 | -2 | NE'E | 4 | c- | 48 | 75 | 8 | 2500 | St.Cu | 7 | - | 7 | • |
| Holyhead | 1020.1 | -1 | ENE | 5 | bc | 48 | 75 | 8 | 4000 | St.Cu | 6 | - | 6 | • |
| Liverpool (Bidston) | 1019.5 | -1 | E'N | 3 | bc- | 48 | 65 | 6 | 2500 | Cu | 3 | ACu | 4 | • |
| Chester (Shotwick) | 1019.7 | -2 | NE | 4 | c | 48 | 75 | 5 | 4000 | St.Cu | 8 | - | 8 | • |
| Spurn Head | 1017.7 | -2 | NE | 5 | cpr0 | 48 | 85 | 7 | 4000 | Nb | 8 | - | 8 | • |
| Nottingham | 1018.3 | • | ENE | 3 | o+ | 49 | 75 | 7 | 1500 | St.Cu | 8 | ASt | 10 | • |
| Cranwell | 1019.6 | -1 | NNE | 4 | o\|r | 47 | 85 | 8 | 2500 | St.Cu | 10 | - | 10 | • |
| Gorleston | 1017.9 | -1 | NE'N | 4 | bc- | 49 | 75 | 7 | 4000 | CuNb | 5 | - | 5 | • |
| Valencia (Cahirciveen) | 1017.7 | -2 | E | 3 | bc | 49 | 75 | 9 | - | Cu | 3 | - | 3 | • |
| Roches Point | | | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | 1017.9 | -2 | NE | 5 | o | 48 | 65 | 8 | 4000 | St.Cu | 10 | - | 10 | • |
| Ross-on-Wye | 1017.3 | -2 | NE'E | 3 | o- | 47 | 75 | 7 | 4000 | St.Cu | 9 | - | 9 | • |
| Benson | 1015.5 | -2 | NE | 4 | o+ | 48 | 75 | 8 | 4000 | St.Cu | 9 | - | 9 | • |
| Andover | 1014.8 | -2 | NE | 5 | c | 50 | 65 | 8 | 2500 | St.Cu | 8 | - | 8 | • |
| S. Farnborough | 1015.2 | -2 | ENE | 2 | o | 49 | 65 | 6 | 2500 | St.Cu | 10 | - | 10 | • |
| London (Kew Obsy.) | 1015.5 | -3 | NE | 4 | o\|r | 50 | 55 | 6 | 4000 | St.Cu | 5 | ACu | 9 | • |
| Croydon | 1015.7 | -2 | ENE | 4 | c\|r | 47 | 75 | 6 | 2500 | St.Cu | 5 | ACu | 8 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1015.7 | -1 | E | 2 | o | 47 | 75 | 7 | 2500 | St | 9 | - | 9 | • |
| Grain | 1015.3 | -2 | ENE | 4 | cr0 | 47 | 85 | 8 | 800 | St.Cu | 8 | - | 8 | • |
| Lympne | 1014.7 | -2 | NE | 4 | bc- | 46 | 65 | 8 | 2500 | Cu | 6 | - | 6 | • |
| Scilly (St. Mary's) | | | | | | | | | | | | | | • |
| Falmouth (Pendennis) | 1013.4 | 0 | E | 8 | o | 48 | 85 | 7 | 4000 | Cu | 10 | - | 10 | • |
| Plymouth (Cattewater) | 1013.7 | -1 | E | 5 | o | 47 | 75 | 8 | 2500 | St.Cu | 10 | - | 10 | • |
| Portland Bill | 1012.8 | -1 | ENE | 8 | o+ | 46 | 75 | 7 | 1500 | St.Cu | 10 | - | 10 | • |
| Southampton (Calshot) | 1014.8 | -2 | NE'E | 5 | o | 48 | 75 | 7 | 4000 | St.Cu | 9 | - | 9 | • |
| Dungeness | 1014.0 | -2 | E | 5 | bc | 49 | 75 | 8 | 2500 | Cu | 6 | - | 6 | • |
| Jersey 7h / Guernsey 1h | 1009.5 | -1 | NE | 6 | b | 50 | 85 | 8 | - | - | 0 | - | 0 | • |

Observations at 1800 G.M.T. 22nd

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1022.8 | -2 | N | 3 | or0 | 40 | 75 | 7 | 2500 | Nb | 3 | ASt | 10 | 2 |
| Stornoway | 1024.8 | -1 | NE | 2 | o | 43 | 92 | 6 | 1500 | Nb | 10 | - | 10 | |
| Wick | 1023.1 | -1 | N | 3 | o | 44 | 75 | 8 | 4000 | St.Cu | 10 | - | 10 | 0 |
| Castlebay | 1023.7 | -1 | NE | 2 | o | 47 | 75 | 7 | 1500 | St.Cu | 10 | - | 10 | 2 |
| Nairn | 1024.0 | • | NNE | 2 | c | 44 | 75 | 8 | 4000 | CuNb | 8 | - | 8 | • |
| Aberdeen | 1023.4 | -1 | NNW | 3 | c | 43 | 85 | 7 | 2500 | St.Cu | 8 | - | 8 | 0 |
| Malin Head | 1022.1 | -2 | NE | 4 | bc | 48 | 85 | 8 | 4000 | St.Cu | 3 | - | 3 | 3 |
| Renfrew | 1022.5 | -1 | NE | 1 | o | 46 | 75 | 4 | 4000 | St.Cu | 10 | - | 10 | • |
| Edinburgh (Inchkeith) | 1021.5 | -2 | NE | 4 | o | 46 | 75 | 8 | - | St.Cu | 10 | - | 10 | 3 |
| Leuchars | 1022.1 | -1 | N | 2 | o | 44 | 75 | 8 | 4000 | St.Cu | 9 | - | 9 | 4 |
| Eskdalemuir | 1021.6 | 0 | NNE | 4 | opr0 | 41 | 85 | 7 | 1500 | St.Cu | 10 | - | 10 | • |
| Tynemouth | 1020.3 | 0 | NE | 5 | bc | 46 | 92 | 7 | 4000 | Cu | 6 | - | 6 | 0 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1020.1 | -2 | ENE | 3 | b | 48 | 85 | 7 | - | - | 0 | - | 0 | 3 |
| Birr Castle | 1019.3 | • | E | 1 | bc- | 44 | 85 | 7 | 2500 | Cu | 6 | - | 6 | • |
| Collinstown | 1020.6 | 0 | - | 0 | bc- | 44 | 85 | 7 | 2500 | St.Cu | 3 | - | 3 | • |
| Holyhead | 1018.8 | -1 | NE'N | 5 | or0 | 50 | 85 | 8 | 1500 | Nb | 10 | - | 10 | 4 |
| Liverpool (Bidston) | 1018.9 | +1 | NE | 3 | c+ | 46 | 75 | 5 | 1500 | Cu | 8 | - | 8 | 3 |
| Chester (Shotwick) | 1018.5 | 0 | NE | 3 | o | 47 | 85 | 4 | 4000 | St.Cu | 10 | - | 10 | • |
| Spurn Head | 1016.4 | -1 | NE | 6 | bc | 47 | 92 | 7 | 1500 | St | 5 | - | 5 | 5 |
| Nottingham | 1017.2 | • | ENE | 1 | bc- | 45 | 75 | 6 | 2500 | St.Cu | 3 | ACu | 6 | • |
| Cranwell | 1017.9 | -2 | NNE | 3 | o+ | 45 | 92 | 8 | 2500 | St.Cu | 9 | - | 9 | • |
| Gorleston | 1015.8 | -1 | NE | 4 | bc | 49 | 75 | 7 | 4000 | CuNb | 4 | - | 4 | 4 |
| Valencia (Cahirciveen) | 1017.5 | 0 | E | 1 | c | 47 | 55 | 8 | - | St.Cu | 8 | - | 8 | * |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1016.7 | -1 | NE | 4 | bc- | 44 | 75 | 8 | 4000 | St.Cu | 3 | - | 3 | 3 |
| Ross-on-Wye | 1016.4 | -1 | NE | 2 | c+ | 44 | 85 | 7 | 2500 | St | 8 | - | 8 | • |
| Benson | 1015.1 | 0 | NE | 3 | bc | 43 | 85 | 8 | 4000 | St | 5 | - | 5 | • |
| Andover | 1014.2 | -2 | N | 3 | b- | 43 | 85 | 8 | 2500 | St.Cu | 2 | - | 2 | • |
| S. Farnborough | 1014.5 | 0 | NE | 2 | bc- | 42 | 85 | 6 | 4000 | St.Cu | 3 | - | 3 | • |
| London (Kew Obsy.) | 1014.5 | 0 | NNE | 2 | bcm | 46 | 75 | 4 | 4000 | St.Cu | 4 | ACu | 5 | • |
| Croydon | 1015.0 | 0 | NE | 3 | b | 42 | 92 | 5 | - | - | 0 | - | 0 | • |
| Clacton-on-Sea | 1014.4 | -2 | NNE | 3 | bc | 47 | 85 | 7 | 2500 | Cu | 5 | - | 5 | 0 |
| Shoeburyness | 1014.3 | -1 | NE | 1 | c | 44 | 85 | 7 | 2500 | Cu | 7 | - | 7 | • |
| Grain | 1014.2 | -1 | NNE | 5 | bc\|r | 47 | 85 | 8 | 4000 | St.Cu | 4 | - | 4 | 3 |
| Lympne | 1013.4 | 0 | NNE | 3 | bc+ | 42 | 85 | 7 | 4000 | St.Cu | 3 | - | 3 | • |
| Scilly (St. Mary's) | | | | | | | | | | | | | | |
| Falmouth (Pendennis) | 1012.8 | -2 | NE | 5 | o- | 48 | 85 | 7 | 4000 | Cu | 9 | - | 9 | 6 |
| Plymouth (Cattewater) | 1013.1 | -1 | NE | 3 | bc- | 47 | 65 | 8 | 2500 | St.Cu | 3 | - | 3 | 0 |
| Portland Bill | 1012.0 | -1 | ENE | 7 | bc- | 46 | 75 | 7 | - | - | 0 | CiCu | 3 | 7 |
| Southampton (Calshot) | 1013.5 | 0 | NNE | 3 | b- | 45 | 85 | 7 | 4000 | St.Cu | 1 | - | 1 | 0 |
| Dungeness | 1012.2 | -3 | E | 6 | c+ | 49 | 75 | 8 | 2500 | Cu | 7 | - | 7 | 6 |
| Jersey 7h / Guernsey 1h | 1008.2 | 0 | NE | 6 | bc+ | 48 | 75 | 8 | 4000 | St.Cu | 6 | - | 6 | 6 |

**London Observations.** 24 Hours ended 0900 G.M.T. 23rd (Kew and Croydon: 24 hours ended 0700). Humidity: 15h. G.M.T. — Yesterday; 9h. G.M.T. — To-day.

| London Observations | Weather Morning | Weather Afternoon | Weather Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | bp0bmy | cmbcm | bwcm | • | • | 38 | tra | - | 1.9 | • | • |
| Croydon | ocmp0 | cobczm | omcm | • | • | 32 | 0.1 | 0.1 | 2.3 | • | • |
| Greenwich (Royal Obsy.) | op | o.bc | bjp.op | 51 | 42 | 34 | - | 0.3 | 1.8 | 74 | 78 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 1.8 | • | • |
| Westminster (St. James' Pk.) | • | • | • | 51 | 43 | 40 | - | - | • | 58 | 76 |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 1.8 | • | • |
| Camden Square | c | c | • | 54 | 41 | 37 | - | - | • | • | 79 |
| Kensington Palace | ocbc | bc | • | 51 | 43 | 36 | - | - | • | 76(18h) | 77 |
| Hampstead Observatory | • | • | • | 50 | 40 | 36 | - | - | 4.2 | • | 78 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 1600 G.M.T. 23rd

South Kensington

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

Kew Observatory

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate ..............Milliwatts.

Maximum Rate ..............Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 17 h. 45 m. to 5 h. 45 m.

| Stars. | Exposure h. m. | Record h. m. | Record % |
|---|---|---|---|
| Polaris | 12 0 | 5 54 | 50 |
| δ Ursae Minoris | 12 0 | 4 34 | 38 |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | C | 6 | - | 145 |
| 18h. | C | 6 | - | 160 |
| 01h. | CC2 | 6 | - | 150 |
| 07h. | C1C2 | 6 | - | 130 |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.** 23rd + 24th October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.34 / 6.36 | 11.37 / 11.37 | 4.40 / 4.38 |
| Greenwich | 6.39 / 6.41 | 11.44 / 11.44 | 4.49 / 4.47 |
| Wick | 7.8 / 7.10 | 11.56 / 11.56 | 4.45 / 4.42 |
| Valencia | 7.21 / 7.23 | 12.25 / 12.25 | 5.30 / 5.26 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
r0r0 = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

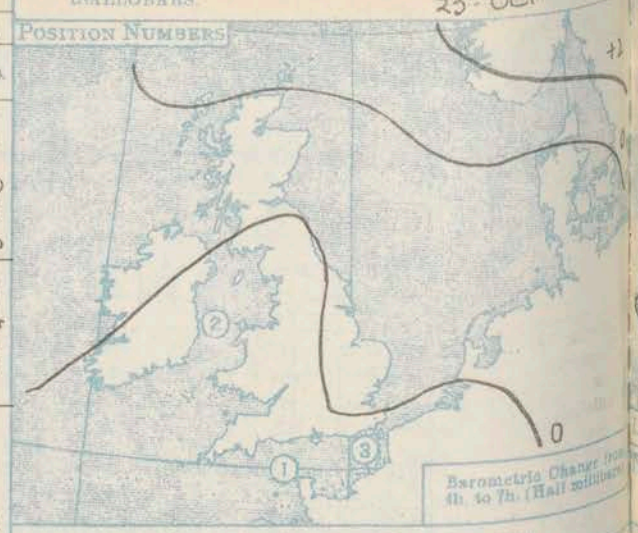
| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1-3 |
| 2 | 4-7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. • Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 22 | WEATHER. 13h.-18h. 22 | WEATHER. 18h. 22 to 1h 23 | WEATHER. 1h.-7h. 23 | TEMPERATURE. MAX. Day. 7h.-18h. | TEMPERATURE. MIN. Night. 18h.-7h. | TEMPERATURE. MIN. on GRASS | RAINFALL.† Day. 7h.-18h. mm. | RAINFALL.† Night. 18h.-7h. mm. | RAINFALL.† Precipitation began. | RAINFALL.† Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | cp | c | o | cp | 44 | 38 | • | trace | 02 | 0900 | <2100 | • |
| Stornoway ... ... | p | oo | c | oo | 49 | 36 | • | 1 | - | - | - | 1.4 |
| Wick ... ... ... | oo | oo | op | oo | 45 | 37 | • | - | trace | - | 2200 | • |
| Castlebay ... ... | bopc | co | o | o | 49 | 43 | • | - | - | - | - | 3.0 |
| Nairn ... ... ... | bcg | cg | cgo | og | 47 | 39 | • | 1 | - | 0900 | - | 0.2 |
| Aberdeen ... ... | c | c | copr | copr | 48 | 38 | 33 | - | 02 | - | <2100 | 0.6 |
| Malin Head ... ... | b or bc | b or bc | bbc | c | 49 | 43 | • | - | - | - | - | 1.1 |
| Renfrew ... ... | obo | om | oc | bc | 50 | 39 | 26 | trace | - | <0800 | - | 0.1 |
| Edinburgh (Inchkeith) | oo | oo | c | bc | 47 | 39 | 36 | - | - | - | - | 0.4 |
| Leuchars ... ... | oo | oo | b | bc | 48 | 33 | 19 | trace | - | 0900 | - | 0.1 |
| Eskdalemuir ... ... | bco | bcop | go | dc | 45 | 35 | 32 | 0.1 | 0.1 | 1330 | <2100 | 0.5 |
| Tynemouth ... ... | cpoqs | poqs | iooq | cp | 50 | 45 | 39 | 0.5 | 0.3 | 1100 | <2100 | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | cqbcqs | bcqs | cog | cg | 53 | 45 | • | - | - | - | - | • |
| Birr Castle ... ... | co | co | co | co | 48 | 34 | 26 | - | - | - | - | |
| Collinstown ... ... | oirc | cbcb | oir | oo | 48 | 42 | • | trace | trace | 0900 | 0130 | 1.3 |
| Holyhead ... ... | oocbc | bbor | rcbo | oo | 50 | 46 | 43 | trace | trace | 1100 | <2100 | 5.5 |
| Liverpool (Bidston) ... | pc | c | op | | 50 | 40 | 39 | - | - | - | - | 4.2 |
| Chester (Shotwick) ... | oocm | com | om | oopcm | 51 | 41 | 34 | trace | 0.1 | <0800 | 0530 | • |
| Spurn Head ... ... | p | c | oqpd | oqpd | 49 | 44 | • | 0.3 | 04 | <0800 | <2100 | 0.9 |
| Nottingham ... ... | c | p | bc | cp | 50 | 41 | 37 | 0.1 | 0.3 | 1630 | 2400 | 2.4 |
| Cranwell ... ... | p | co | opoc | oco | 49 | 40 | 37 | 0.1 | 1 | 0900 | <2100 | 2.6 |
| Gorleston ... ... | bcqpr | bcqpr | cqpr | coqpr | 52 | 47 | 45 | trace | 1 | <0800 | - | 6.6 |
| Valencia (Cahirciveen) | bc | bc | o | c | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | c | c | bbc | bbc | 49 | 41 | • | - | - | - | - | 3.6 |
| Ross-on-Wye ... ... | oco | pobcocb | ompbc | oco | 48 | 41 | 37 | 0.1 | - | 1330 | - | 2.2 |
| Benson... ... ... | co | cbc | bcb | ocw | 50 | 36 | 32 | - | - | - | - | • |
| Andover ... ... | bbcc | bcb | bbcco | ocbc | 51 | 39 | 36 | - | - | - | - | 3.0 |
| S. Farnborough ... | bccom | ococbcb | o | bco | 49 | 39 | 31 | - | trace | - | - | 1.1 |
| London (Kew Obsy.) ... | obbm | cmbcm | bncmo | oncm | 51 | 42 | 38 | trace | - | <0800 | - | 1.9 |
| Croydon ... ... | ocmp | cobcbzm | comrpo | orbcom | 49 | 41 | 32 | 0.1 | 0.1 | 0900 | 2200 | 2.3 |
| Clacton-on-Sea ... | cpc | cbc | bccpo | og | 51 | 43 | 40 | 0.3 | 3 | 0900 | <2100 | 3.3 |
| Shoeburyness ... ... | r or d | p | copr | cprbc | 50 | 41 | 39 | 0.1 | 2 | 1430 | <2100 | 2.8 |
| Grain ... ... ... | oldc | crbc | bcompo | orr | 48 | 43 | 41 | 0.3 | 2 | <0800 | <2100 | 3.0 |
| Lympne ... ... | cqs | bccqs | c | odcm | 48 | 36 | 28 | - | 0.1 | - | 0630 | 6.4 |
| Scilly (St. Mary's) .. | | | | | | | • | | | | | |
| Falmouth (Pendennis) | oqs | ocmqs | oc | c | 49 | 43 | • | - | - | - | - | 1.2 |
| Plymouth (Cattewater) | oo | oo | | | | | | - | | - | | |
| Portland Bill ... ... | bbcqs | cbcqs | bbc | c | 49 | 42 | • | - | - | - | - | • |
| Southampton (Calshot) | oo | bcb | bbc | c | 50 | 41 | 38 | - | - | - | - | 3.6 |
| Dungeness ... ... | bqs | c | c | bc | 50 | 45 | • | - | trace | - | 0530 | • |
| Jersey (Th) ... | ob | bc | b | c | 51 | 43 | • | - | - | - | - | 8.5 |
| Guernsey (Th) | | | | | | | | | | | | |

BALLOBARS.




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 3 | 22nd 1010 | Scotia | E'N | 5 | cpqr | 54 | 48 |
| 3 | 23rd 0300 | Dieppe | E'N | 3 | cjp | 45 | 65 |

GENERAL INFERENCE.

Pressure is still high between Scotland and Iceland while large depressions continue SW of the British Isles and over Russia. Wind will be from between N and E for the next day or two, fresh to strong on the eastern and southern coasts of England, and the weather will be mainly cloudy and cold, with occasional rain or drizzle, but considerable fair periods in Ireland and the west of England.

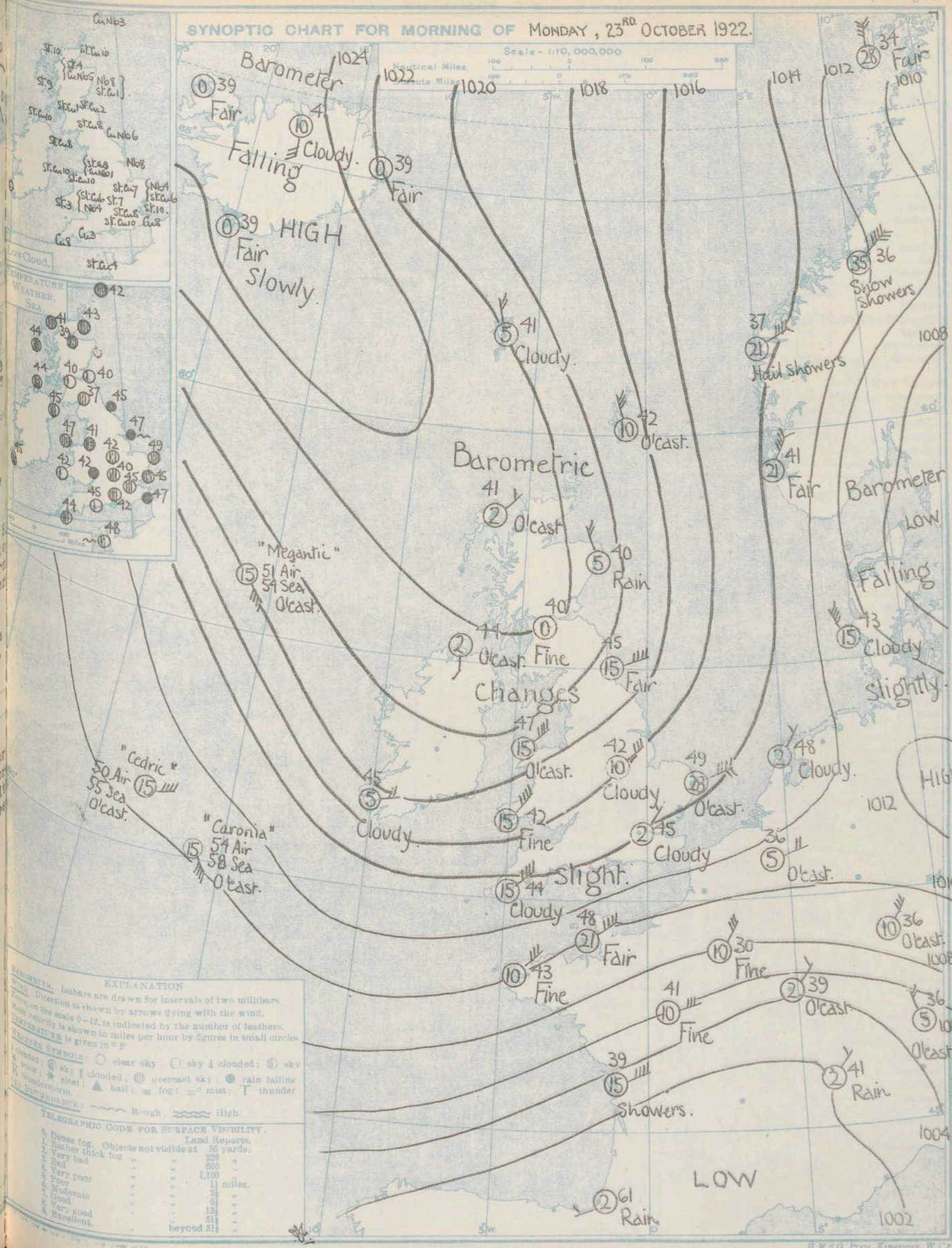
Forecasts for the 24 hours commencing 15h. G.M.T. **Monday**, 23rd October, 1922.

| Districts. | Forecasts | Further Outlook. |
|---|---|---|
| ♠ 1. S.E. England<br>♠ 2. E. England | Wind NE, fresh or strong on the coast; mainly cloudy, occasional rain or drizzle; visibility moderate or good; cold. | Cold and rather unsettled weather generally for more than 24 hours with winds from between N and E. |
| 3. E. Midlands<br>4. W. Midlands | Wind NE, moderate or fresh; mainly cloudy, occasional rain or drizzle; visibility moderate or good; cold. | |
| ♠ 5. N.W. England<br>♠ 6. South Wales<br>7. North Wales | Wind between E and NE, fresh or strong on the coast; occasional rain or drizzle, but considerable fair periods; visibility moderate or good; cold. | |
| 8. N.W. England | Moderate NE wind; occasional rain or drizzle, but considerable fair periods, visibility moderate or good; cold. | |
| 9. N. Midlands | As 3 - 4. | |
| 10. N.E. England | As 1 - 2. | |
| 11. E. Scotland<br>12. S.W. Scotland | Light or moderate winds from between E and N; mainly cloudy, occasional rain or drizzle; visibility moderate or good; cold. | |
| 13. Isle of Man | As 7 - 8. | |
| 14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | As 11 - 12. | ♠ North Cone still flying. |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Moderate E or NE winds; mainly fair, but occasional rain or drizzle locally; visibility moderate or good; cold. | |

L.V.N



† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION... Monday, 23rd October 1922. No. 296.

Observations at 0100 G.M.T. 23rd

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0–12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0–9 | Height of Low Cloud. Feet | Low Cloud Form. | Low Cloud Amt. 0–10 | Upper Form. | Total Amt. 0–10 | Sea. 0–9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1019.7 | -2 | NNW | 3 | o | 44 | 75 | 7 | - | - | 0 | A.Sr | 10 | • |
| Stornoway | 1025.0 | -2 | NE | 2 | o | • | • | 5 | • | • | • | • | • | • |
| Wick | 1022.1 | -2 | NNW | 3 | o | 43 | 92 | 8 | 4000 | Cu | 4 | A.Sr | 9 | • |
| Castlebay | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head | 1021.4 | -1 | NE | 3 | bc. | 48 | 85 | 8 | 8700 | StCu | 4 | - | 4 | • |
| Renfrew | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1021.9 | 0 | N | 3 | b- | 41 | 85 | 8 | - | - | 0 | A.Cu | 3 | • |
| Leuchars | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth | 1020.2 | 0 | NE | 4 | od₀ | 47 | 75 | 7 | 4000 | Nb | 10 | - | 10 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown | 1020.2 | -1 | NE | 4 | or₀ | 46 | 92 | 7 | 1500 | Sr | 10 | - | 10 | • |
| Holyhead | 1018.7 | 0 | NE'E | 4 | o | 47 | 85 | 8 | 2500 | StCu | 10 | - | 10 | • |
| Liverpool (Bidston) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head | 1016.9 | -1 | NE | 5 | od₀+ | 47 | 75 | 6 | - | - | 0 | A.Sr | 10 | • |
| Nottingham | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell | 1017.5 | 0 | NNE | 3 | od₀ | 42 | 97 | 7 | 1500 | Sr | 10 | - | 10 | • |
| Gorleston | 1015.4 | 0 | NE | 5 | c- | 48 | 75 | 7 | 4000 | StCu | 8 | - | 8 | • |
| Valencia (Cahirciveen) | 1017.3 | -1 | E | 1 | b+ | 45 | 85 | 8 | - | - | 0 | - | 0 | • |
| Roches Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1017.1 | -2 | NE | 4 | b | 42 | 85 | 8 | - | - | 0 | - | 0 | • |
| Ross-on-Wye | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.) | • | • | • | • | • | 44 | • | • | • | • | • | • | • | • |
| Croydon | 1014.5 | -1 | NE | 3 | or₀r₀- | 43 | 97 | 6 | 1500 | Nb | 10 | - | 10 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne | 1012.6 | -1 | N | 2 | o | 39 | 92 | 8 | 4000 | StCu | 9 | - | 9 | • |
| Scilly (St. Mary's) | | | | | | | | | | | | | | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill | 1012.4 | 0 | NE | 6 | b | 44 | 85 | 6 | - | - | 0 | C.Sr | 3 | • |
| Southampton (Calshot) | 1013.6 | -2 | NNE | 3 | c+ | 44 | 92 | 7 | 2500 | Sr | 7 | - | 7 | • |
| Dungeness | 1012.1 | ? | E | 4 | bc- | 47 | 85 | 8 | 5700 | Cu | 5 | -- | 5 | • |
| Jersey ·7h / Guernsey 1h | 1009.8 | 0 | NE | 7 | b- | 47 | 85 | 7 | 5700 | Cu | 1 | C.Sr | 2 | • |

Observations at 0700 G.M.T. 23rd

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0–12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0–9 | Height of Low Cloud. Feet | Low Cloud Form. | Low Cloud Amt. 0–10 | Upper Form. | Total Amt. 0–10 | Sea. 0–9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1018.7 | 0 | NNW | 3 | o/r | 42 | 85 | 7 | 4000 | CuNb | 3 | A.Sr | 9 | 2 |
| Stornoway | 1023.1 | 0 | NE | 1 | o | 41 | 92 | 5 | 800 | Sr | 10 | - | 10 | 0 |
| Wick | 1020.7 | -1 | NW | 3 | o | 43 | 85 | 8 | 5700 | StCu | 10 | - | 10 | 0 |
| Castlebay | 1022.5 | 0 | E | 2 | o | 44 | 75 | 8 | 1500 | Sr | 9 | - | 9 | 1 |
| Nairn | 1022.0 | • | - | 0 | o+ | 39 | 92 | 8 | 1500 | CuNb | 9 | - | 9 | • |
| Aberdeen | 1021.2 | -1 | NW'N | 2 | or | 40 | 97 | 7 | 1500 | Nb | 9 | - | 9 | 1 |
| Malin Head | 1021.0 | -1 | S | 1 | o | 44 | 85 | 7 | 5700 | StCu | 10 | - | 10 | 3 |
| Renfrew | 1022.0 | -1 | - | 0 | b | 40 | 85 | 8 | 7200 | StCu | 1 | - | 1 | • |
| Edinburgh (Inchkeith) | 1021.0 | +1 | NNW | 2 | b | 40 | 85 | 8 | - | StCu | 2 | - | 2 | 2 |
| Leuchars | 1021.4 | -1 | NNW | 2 | c | 34 | 92 | 8 | 5700 | StCu | 8 | - | 8 | • |
| Eskdalemuir | 1021.2 | 0 | N | 3 | c | 37 | 85 | 7 | 2500 | StCu | 8 | - | 8 | • |
| Tynemouth | 1019.1 | 0 | NE | 4 | bcp₀ | 45 | 85 | 7 | 4000 | CuNb | 6 | - | 6 | 5 |
| Blacksod Point | 1021.3 | 0 | E | 2 | c- | 45 | 92 | 7 | 5700 | StCu | 8 | - | 8 | 2 |
| Donaghadee | 1019.4 | * | E | 1 | o+ | 42 | 92 | 7 | 2500 | Cu | 9 | - | 9 | • |
| Birr Castle | 1020.4 | 0 | NE | 3 | o | 46 | 85 | 7 | 2500 | StCu | 10 | - | 10 | • |
| Collinstown | 1018.9 | 0 | NE'E | 4 | o | 47 | 85 | 8 | 2500 | StCu | 10 | - | 10 | 2 |
| Holyhead | 1019.0 | 0 | NE | 1 | o | 41 | 92 | 7 | 2500 | StCu | 10 | - | 10 | 2 |
| Liverpool (Bidston) | 1019.1 | 0 | N | 2 | o/r | 42 | 92 | 6 | 4000 | StCu | 10 | - | 10 | • |
| Chester (Shotwick) | | | | | | | | | | | | | | |
| Spurn Head | 1016.0 | 0 | NNE | 6 | cjp | 47 | 92 | 7 | 4000 | Nb | 8 | - | 8 | 6 |
| Nottingham | 1017.4 | • | NE | 3 | c | 42 | 97 | 6 | 1500 | StCu | 7 | A.Cu | 8 | • |
| Cranwell | 1017.4 | 0 | N'E | 3 | odd | 41 | 97 | 6 | 800 | St | 10 | - | 10 | • |
| Gorleston | 1014.8 | -1 | NE | 6 | o | 49 | 75 | 7 | 2500 | StCu | 10 | - | 10 | 4 |
| Valencia (Cahirciveen) | 1018.5 | +1 | E | 2 | c | 45 | 75 | 8 | - | - | 0 | A.Cu | 7 | 3 |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1016.9 | 0 | NNE | 4 | b | 42 | 85 | 8 | 2500 | Sr | 3 | - | 3 | • |
| Ross-on-Wye | 1016.3 | +1 | NE'N | 4 | ojp | 42 | 85 | 6 | 2500 | StCu | 10 | - | 10 | • |
| Benson | 1014.7 | +1 | NNE | 3 | c | 40 | 97 | 7 | - | StCu | 7 | - | 7 | • |
| Andover | 1014.2 | 0 | N | 4 | bc- | 40 | 97 | 8 | 800 | StCu | 2 | C.Cu | 4 | • |
| S. Farnborough | 1014.1 | +1 | NNE | 2 | o- | 42 | 85 | 7 | 4000 | StCu | 10 | - | 10 | • |
| London (Kew Obsy.) | 1014.0 | +1 | NNE | 1 | c | 45 | 75 | 6 | 5700 | StCu | 8 | - | 8 | • |
| Croydon | 1014.0 | +1 | NE'N | 3 | o/r | 44 | 85 | 6 | 1500 | StCu | 10 | - | 10 | • |
| Clacton-on-Sea | 1013.1 | 0 | N | 3 | o | 45 | 85 | 7 | 2500 | Sr | 10 | - | 10 | 0 |
| Shoeburyness | 1013.5 | 0 | N'E | 3 | bc/r | 44 | 85 | 7 | 4000 | StCu | 6 | - | 6 | • |
| Grain | 1013.3 | 0 | NNE | 4 | o/r | 45 | 85 | 8 | 4000 | Sr | 10 | - | 10 | • |
| Lympne | 1012.8 | 0 | N'E | 2 | odd | 43 | 92 | 6 | 450 | Nb | 10 | - | 10 | |
| Scilly (St. Mary's) | 1013.6 | 0 | NE | 4 | c- | 44 | 92 | 7 | 4000 | Cu | 8 | - | 8 | 1 |
| Falmouth (Pendennis) | | | | | | | | | | | | | | |
| Plymouth (Cattewater) | | | | | | | | | | | | | | |
| Portland Bill | 1012.4 | 0 | NE | 6 | b | 45 | 85 | 7 | ? | Cu | 3 | - | 3 | 4 |
| Southampton (Calshot) | 1013.6 | 0 | N'E | 3 | o | 44 | 85 | 7 | 4000 | StCu | 9 | - | 9 | 0 |
| Dungeness | 1012.6 | +1 | E | 3 | cr | 47 | 85 | 8 | 2500 | Cu | 8 | - | 8 | 4 |
| Jersey ·7h / Guernsey 1h | 1009.8 | 0 | NE | 5 | bc | 48 | 85 | 8 | 4000 | StCu | 4 | - | 4 | 6 |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22nd October

| STATIONS. | Weather Fore-noon. | Weather After-noon. | Temp. Min. Night 21st–22nd °F. | Temp. Max. Day 22nd °F. | Rainfall† Night 17h.–9h. 21st–22nd mm. | Rainfall† Day 9h.–17h. 22nd mm. | Sunshine hr. | Sunshine Sunrise to Sunset 22nd hr. |
|---|---|---|---|---|---|---|---|---|
| Banff | c | oo | 43 | 48 | 1 | - | | 0.7 |
| Montrose | | | 38 | 49 | 0.1 | - | | 0.9 |
| Llandudno | ccb | cbc | 40 | 50 | - | - | | 3.5 |
| Colwyn Bay | c | c | 42 | 49 | - | - | | 3.4 |
| Rhyl | bc | bc | 41 | 51 | - | - | | 3.8 |
| Southport | bbc | bcco | 40 | 52 | - | - | | 6.4 |
| Blackpool | bc | c | 39 | 52 | - | - | | 4.9 |
| Harrogate | bbcc | cbo | 40 | 48 | 0.3 | 0.3 | | 3.7 |
| Skegness | bcp | co | 45 | 51 | 2 | 2 | | 2.4 |
| Aberystwyth | oco | cbbco | 40 | 50 | - | - | | 3.0 |
| Bath | cbcb | cobcb | 37 | 50 | - | - | | 5.1 |
| Leamington Spa | | | 40 | 51 | - | - | | 5.3 |
| Lowestoft | cbc | bcbcc | 45 | 51 | 1 | - | | 5.5 |
| Felixstowe | cp | b | 42 | 51 | 4 | - | | 5.0 |
| Southend | opc bc | b.bc.c | 42 | 49 | - | 2 | | 2.4 |

| STATIONS. | Weather Fore-noon. | Weather After-noon. | Temp. Min. Night 21st–22nd °F. | Temp. Max. Day 22nd °F. | Rainfall† Night 17h.–9h. 21st–22nd mm. | Rainfall† Day 9h.–17h. 22nd mm. | Sunshine hr. | Sunshine Sunrise to Sunset 22nd hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton | oq₂bco | ocq₂ | 45 | 50 | - | - | | 0.4 |
| Ilfracombe | ocbcc | cbc | 48 | 49 | - | - | | 0.8 |
| Bude | bbc | bc | ? | 52 | - | - | | 5.5 |
| Penzance | obc | bc | 45 | 50 | - | - | | 1.0 |
| Falmouth Observatory | cq₂ | oc | 46 | 49 | - | - | | 1.0 |
| Torquay | bc | bc | 44 | 50 | - | - | | 1.2 |
| Weymouth | | | 40 | 49 | - | - | | 0.7 |
| Bournemouth | bc | bc | ?40 | 48 | - | - | | 2.2 |
| Portsmouth (S'thsea) | oc | bbc | 40 | 50 | - | - | | 2.4 |
| Worthing | cbc | b | 41 | 49 | - | - | | 3.7 |
| Brighton | bcc | cbc | 41 | 50 | - | - | | 5.2 |
| Eastbourne | c | cbcb | 44 | 49 | - | - | | 5.2 |
| Hastings | b | b | 44 | 50 | - | - | | 6.5 |
| Folkestone | bc | bcb | 40 | 48 | - | - | | 3.7 |
| Tunbridge Wells | bbc | bcbbc | 44 | 53 | 0.4 | - | | 4.8 |
| Ramsgate | c | c | 44 | 49 | - | - | | 3.9 |
| Margate | bcc | bbc | 44 | 49 | - | - | | 6.1 |
| Deal | | | | | | | | |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22251. TUESDAY, 24th OCTOBER 1922. Page 1.

Observations at 1300 G.M.T. 23rd

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather.* | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1013·0 | 0 | NNE | 2 | cpr0 | 44 | 85 | 7 | 4000 | Nb | 8 | – | 8 | • |
| Stornoway | 1022·9 | 0 | NE | 2 | o/r | 47 | 85 | 5 | 800 | St | 10 | | 10 | • |
| Wick | 1020·2 | –1 | NW | 2 | opr0 | 45 | 92 | 8 | 4000 | CuNb | 7 | ASt | 10 | • |
| Castlebay | 1023·2 | 0 | NE | 2 | c | 46 | 65 | 8 | 1500 | Cu | 7 | – | 7 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1021·1 | 0 | NW'N | 2 | c | 47 | 85 | 7 | 1500 | StCu | 5 | ASt | 8 | • |
| Malin Head | 1021·5 | 0 | S | 1 | 0 | 46 | 85 | 7 | 5700 | StCu | 10 | – | 10 | • |
| Renfrew | 1022·0 | 0 | N | 1 | 0+ | 48 | 65 | 5 | 4000 | St | 9 | | 9 | • |
| Edinburgh (Inchkeith) | 1021·2 | 0 | E | 3 | 0+ | 47 | 75 | 8 | – | StCu | 5 | ACu | 9 | • |
| Leuchars | 1020·9 | –1 | NW | 2 | ct | 49 | 65 | 8 | 4000 | StCu | 8 | – | 8 | • |
| Eskdalemuir | 1020·9 | 0 | NNE | 4 | 0 | 44 | 75 | 7 | 2500 | StCu | 9 | – | 9 | • |
| Tynemouth | 1020·0 | +1 | NNE | 3 | bcpr0 | 48 | 85 | 8 | 4000 | CuNb | 6 | – | 6 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1021·7 | 0 | E'N | 2 | c | 47 | 85 | 8 | 5700 | StCu | 8 | – | 8 | • |
| Birr Castle | 1019·7 | • | E | 1 | c– | 48 | 75 | 8 | 4000 | Cu | 8 | – | 8 | • |
| Collinstown | | | | | | | | | | | | | | • |
| Holyhead | 1019·7 | +1 | NE'E | 4 | 0 | 49 | 75 | 8 | 4000 | StCu | 10 | – | 10 | • |
| Liverpool (Bidston) | 1019·3 | 0 | NNE | 1 | 0 | 46 | 75 | 7 | 2500 | CuNb | 9 | – | 9 | • |
| Chester (Shotwick) | 1019·1 | 0 | N | 3 | 0 | 46 | 85 | 4 | 4000 | StCu | 10 | – | 10 | • |
| Spurn Head | 1017·3 | +1 | NNE | 4 | opr0 | 47 | 85 | 7 | 4000 | CuNb | 9 | – | 9 | • |
| Nottingham | 1017·5 | • | NE | 2 | b | 47 | 75 | 6 | 1500 | StCu | 10 | – | 10 | • |
| Cranwell | 1017·5 | 0 | NNE | 4 | 0 | 47 | 85 | 8 | 2500 | StCu | 9 | – | 9 | • |
| Gorleston | 1015·3 | 0 | NE | 6 | 0 | 49 | 75 | 7 | 2500 | Nb | 9 | – | 9 | • |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | • |
| Roches Point | | | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | 1017·5 | 0 | ENE | 3 | c+ | 47 | 65 | 8 | 4000 | StCu | 8 | – | 8 | • |
| Ross-on-Wye | 1017·2 | 0 | NE | 3 | mmo | 46 | 75 | 6 | 1500 | St | 10 | A | 10 | • |
| Benson | 1015·7 | 0 | NNE | 4 | od0 | 46 | 85 | 7 | – | Nb | 10 | | 10 | • |
| Andover | 1014·6 | 0 | N | 4 | 0+ | 48 | 85 | 8 | 2500 | StCu | 7 | ASt | 10 | • |
| S. Farnborough | 1014·3 | 0 | NE | 3 | 0 | 49 | 65 | 7 | 2500 | StCu | 10 | – | 10 | • |
| London (Kew Obsy.) | 1011·4 | –1 | NE | 4 | 0 | 51 | 65 | 6 | 2500 | StCu | 10 | – | 10 | • |
| Croydon | 1014·5 | 0 | NE'E | 4 | 0 | 49 | 75 | 6 | 1500 | StCu | 10 | – | 10 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1014·1 | 0 | NE'N | 5 | opr0 | 50 | 75 | 8 | 2500 | StCu | 10 | – | 10 | • |
| Grain | 1014·2 | +1 | NNE | 6 | 0 | 50 | 85 | 8 | 4000 | StCu | 10 | – | 10 | • |
| Lympne | 1012·8 | –1 | NE'N | 5 | o/p | 50 | 92 | 8 | 2500 | StCu | 9 | – | 9 | • |
| Scilly (St. Mary's) | | | | | | | | | | | | | | • |
| Falmouth (Pendennis) | 1015·2 | 0 | NE | 4 | bc– | 50 | 85 | 7 | 4000 | Cu | 5 | – | 5 | • |
| Plymouth (Cattewater) | 1014·3 | 0 | ENE | 3 | 0 | 50 | 65 | 8 | 4000 | StCu | 10 | – | 10 | • |
| Portland Bill | 1013·7 | +2 | NNE | 6 | c+ | 52 | 85 | 7 | – | – | 0 | ACu | 6 | • |
| Southampton (Calshot) | 1014·1 | –1 | NE'N | 5 | 0 | 51 | 75 | 7 | 2500 | StCu | 10 | – | 10 | • |
| Dungeness | 1012·7 | 0 | E | 3 | cr | 48 | 75 | 8 | 2500 | Cu | 8 | – | 8 | • |
| Jersey | 1011·1 | 0 | NE | 4 | c | 49 | 85 | 8 | 4000 | StCu | 7 | – | 7 | • |

Observations at 1800 G.M.T. 23rd

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1018·4 | –1 | NNW | 2 | opr0 | 39 | 85 | 7 | 2500 | Nb | 10 | – | 10 | 1 |
| Stornoway | 1022·4 | 0 | N | 3 | 0 | 45 | 85 | 5 | 800 | St | 10 | – | 10 | 2 |
| Wick | 1019·8 | 0 | NW | 3 | o/r | 43 | 92 | 8 | 5700 | StCu | 9 | – | 9 | 0 |
| Castlebay | 1022·4 | 0 | N | 2 | bc | 46 | 75 | 7 | 1500 | StCu | 6 | – | 6 | 1 |
| Nairn | 1021·4 | • | – | 0 | c | 44 | 85 | 8 | 4000 | StCu | 8 | – | 8 | • |
| Aberdeen | 1021·0 | 0 | NW'N | 2 | or | 43 | 92 | 7 | 1500 | Nb | 9 | – | 9 | 1 |
| Malin Head | 1021·1 | –0 | SSE | 1 | 0 | 45 | 85 | 6 | 5700 | StCu | 10 | – | 10 | 1 |
| Renfrew | 1021·7 | 0 | – | 0 | 0 | 45 | 75 | 6 | 4000 | StCu | 10 | – | 10 | • |
| Edinburgh (Inchkeith) | 1021·2 | +1 | N | 1 | 0+ | 47 | 65 | 8 | – | StCu | 10 | – | 10 | 1 |
| Leuchars | 1020·6 | 0 | NW | 1 | 0 | 46 | 75 | 8 | 4000 | StCu | 10 | – | 10 | – |
| Eskdalemuir | 1021·4 | 0 | – | 0 | c– | 41 | 85 | 7 | 2500 | StCu | 7 | – | 7 | • |
| Tynemouth | 1019·7 | 0 | NNE | 4 | o/r | 48 | 85 | 7 | 4000 | CuNb | 8 | ASt | 10 | 4 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1021·2 | 0 | NE | 2 | 0+ | 47 | 92 | 7 | 5700 | StCu | 10 | – | 10 | 1 |
| Birr Castle | 1020·1 | • | NE | 2 | 0+ | 45 | 85 | 6 | 2500 | StCu | 10 | – | 10 | • |
| Collinstown | | | | | | | | | | | | | | • |
| Holyhead | 1019·9 | +1 | NE'E | 3 | 0 | 48 | 75 | 8 | 4000 | StCu | 10 | – | 10 | 1 |
| Liverpool (Bidston) | 1019·8 | +1 | NNE | 1 | 0 | 45 | 75 | 5 | 2500 | St | 10 | – | 10 | 2 |
| Chester (Shotwick) | 1019·5 | +1 | NNE | 1 | 0 | 45 | 85 | 4 | 4000 | StCu | 10 | – | 10 | • |
| Spurn Head | 1018·3 | +1 | N | 5 | bc | 48 | 75 | 7 | 2500 | Cu | 4 | – | 4 | 5 |
| Nottingham | 1018·4 | • | NNE | 1 | b– | 44 | 85 | 6 | 2500 | StCu | 1 | ACu | 3 | • |
| Cranwell | 1019·0 | +2 | N'E | 3 | bc | 39 | 97 | 6 | 4000 | StCu | 5 | – | 5 | • |
| Gorleston | 1016·1 | +1 | NNE | 4 | bcPR | 47 | 85 | 7 | 2500 | CuNb | 4 | – | 4 | 2 |
| Valencia (Cahirciveen) | 1018·7 | +1 | E | 3 | c | 49 | 85 | 9 | – | – | 0 | ACu | 7 | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1018·1 | 0 | ENE | 3 | 0 | 46 | 75 | 8 | 4000 | StCu | 10 | – | 10 | 3 |
| Ross-on-Wye | 1017·9 | +1 | NNE | 3 | mmo | 45 | 75 | 6 | 1500 | St | 10 | – | 10 | • |
| Benson | 1016·9 | +2 | NNE | 3 | c | 44 | 85 | 8 | 4000 | St | 8 | – | 8 | • |
| Andover | 1016·2 | +2 | NE | 4 | 0 | 45 | 85 | 8 | 1500 | StCu | 10 | – | 10 | • |
| S. Farnborough | 1016·0 | +2 | NE | 2 | 0 | 45 | 85 | 7 | 4000 | StCu | 10 | – | 10 | • |
| London (Kew Obsy.) | 1016·1 | +2 | NE | 3 | 0 | 47 | 75 | 6 | 4000 | St | 10 | – | 10 | • |
| Croydon | 1015·9 | +2 | NE | 3 | 0 | 46 | 85 | 5 | 2500 | StCu | 10 | – | 10 | • |
| Clacton-on-Sea | 1015·3 | +2 | NNW | 3 | c | 46 | 85 | 7 | 5700 | StCu | 7 | – | 7 | 1 |
| Shoeburyness | 1015·4 | +1 | NNE | 3 | b– | 46 | 85 | 8 | 4000 | StCu | 3 | – | 3 | • |
| Grain | 1015·6 | +2 | NNE | 5 | 0+ | 47 | 85 | 8 | 4000 | StCu | 9 | – | 9 | 3 |
| Lympne | 1014·5 | +2 | NNE | 5 | o/r | 46 | 75 | 8 | 1600 | StCu | 10 | – | 10 | • |
| Scilly (St. Mary's) | | | | | | | | | | | | | | |
| Falmouth (Pendennis) | 1015·4 | +4 | NE | 4 | 0+ | 48 | 85 | 7 | 4000 | Cu | 10 | – | 10 | 1 |
| Plymouth (Cattewater) | 1015·6 | +2 | ENE | 2 | 0 | 48 | 75 | 8 | 2500 | StCu | 10 | – | 10 | 0 |
| Portland Bill | 1015·0 | +2 | NE | 5 | 0+ | 49 | 85 | 7 | – | – | 0 | ASt | 10 | 5 |
| Southampton (Calshot) | 1015·7 | +4 | N'E | 4 | 0 | 48 | 85 | 7 | 4000 | StCu | 10 | – | 10 | 0 |
| Dungeness | 1013·4 | +2 | ENE | 4 | od | 48 | 92 | 8 | – | – | 0 | ASt | 10 | 5 |
| Jersey | 1011·4 | 0 | NE | 4 | 0 | 50 | 85 | 8 | 4000 | StCu | 10 | – | 10 | 6 |

| London Observations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Max. °F. | Temperature: Min. °F. | Temperature: Min. on Grass °F. | Rainfall mm.: Day | Rainfall mm.: Night | Sunshine to Sunset hrs. (Yesterday) | Humidity 15h. G.M.T. % (Yesterday) | Humidity 9h. G.M.T. % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 Hours ended 0900 G.M.T. 24th | | | | | | | | | | |
| Kew (24 hours ended 0700) | ocd maz | oz | oz.bxcw | • | • | 24 | - | Tr | 0·0 | • | • |
| Croydon (24 hours ended 0700) | omz | ozm | o.cm b.m | • | • | 29 | - | • | 0·0 | • | • |
| Greenwich (Royal Obsy.) | 0 | o | bc b/p.c | 50 | 34 | 29 | - | - | 0·0 | 73 | 86 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 0·0 | • | • |
| Westminster (St. James' Pk.) | • | • | • | 52 | 42 | 35 | - | - | 0·0 | 41 | 82 |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 0·0 | • | • |
| Camden Square | c | 0 | • | 51 | 40 | 36 | - | • | • | • | 84 |
| Kensington Palace | 0 | 0 | • | 51 | 41 | 34 | - | - | • | 44 (18h) | 85 |
| Hampstead Observatory | • | • | • | 48 | 38 | 34 | - | Tr | 0·0 | • | 92 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 23rd

| | Max. | Time. | Min. | Time. |
|---|---|---|---|---|
| South Kensington | 0·6 | 1600-(22) / 0800-1100 | <0·3 | 0100-0400 (23) |
| Kew Observatory | 1·1 / 1·0 | 1800 (22nd) / 0300 (23) | <0·3 | 0300-0500 (23rd) |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate .............. Milliwatts.

Maximum Rate .............. Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 23rd 17 h. 45 m. to 24th 5 h. 45 m.

| Stars. | Exposure. h. m. | Record. h. m. | Record. % |
|---|---|---|---|
| Polaris | 12 0 | 10 36 | 88 |
| δ Ursae Minoris | 12 0 | 10 4 | 84 |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | - | - | - | - |
| 18h. | C, C2 | 6 | - | 155 |
| 01h. | C, C2 | 6 | - | 140 |
| 07h. | C | 6 | - | 115 |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.**

24th & 25th October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6·36 / 6·34 | 11·34 / 11·34 | 4·38 / 4·36 |
| Greenwich | 6·41 / 6·42 | 11·44 / 11·44 | 4·44 / 4·43 |
| Wick | 7·10 / 7·12 | 11·56 / 11·56 | 4·42 / 4·39 |
| Valencia | 7·23 / 7·24 | 12·25 / 12·25 | 5·28 / 5·26 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, „ 200—1000 m.
F thick fog „ less than 200 m.
ip precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
$r_o r_o$ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**

0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

M.O. Form 2370.

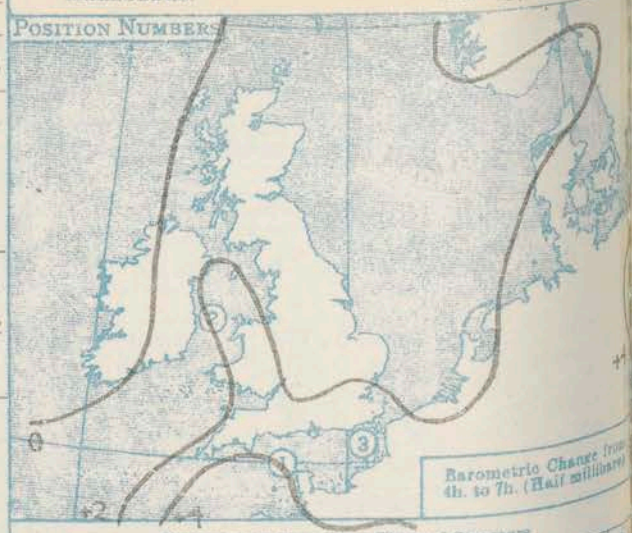


## Summaries for the Past 24 Hours.

| Stations. | Weather. 7h.–13h. 23rd | 13h.–18h. 23rd | 18h. 23rd to 1h. 24th | 1h.–7h. 24th | Temperature. Max. Day. 7h.–18h. | Min. Night. 18h.–7h. | Min. on Grass | Rainfall.† Day. 7h.–18h. mm. | Night. 18h.–7h. mm. | Precipitation began. | Precipitation began. | Sun. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | cp | o | bc | bc | 46 | 36 | * | 1 | 1 | <0800 | <21·00 | * |
| Stornoway | p | o | c | oo | 55 | 41 | * | 0·3 | - | - | - | 1·4 |
| Wick | o p₀ | cp₀ | cp. bc | c | 44 | 37 | * | 1 | 0·4 | 11·00 | <21·00 | * |
| Castlebay | obcse | bbc | c.o | op | 46 | 43 | * | - | 1 | - | - | 6·0 |
| Nairn | oq | ogc | oq | oq | 46 | 41 | * | - | - | - | - | 0·0 |
| Aberdeen | cpr | copr₀ | pr | pr | 48 | 41 | 38 | 1 | 3 | <0800 | <21·00 | 1·2 |
| Malin Head | o | come | m.c. op | c.oez | 46 | 42 | * | - | - | - | - | 0·0 |
| Renfrew | bbco | ozo | | om | 49 | 41 | 34 | - | - | - | - | 4·3 |
| Edinburgh (Inchkeith) | c | c | oo | oo | 44 | 43 | 42 | - | Trace | - | - | 6·1 |
| Leuchars | cbmc | o | oo | | 50 | 40 | 43 | - | - | - | - | 3·4 |
| Eskdalemuir | cbo | co | c.o | o | 46 | 34 | 32 | - | - | - | - | 1·1 |
| Tynemouth | bcp₀ | cqp₀ | o.cir | oirm | 49 | 42 | 40 | 0·4 | 2 | <0800 | <21·00 | * |
| Blacksod Point | | | | | | | * | | | | | * |
| Donaghadee | c | om | o | o | 48 | 46 | * | - | - | - | - | * |
| Birr Castle | co | co | co | co | 48 | 42 | 40 | - | - | - | - | * |
| Collinstown | | | | | | | | | | | | |
| Holyhead | oo | oo | oo | oor | 49 | 43 | 41 | - | Trace | - | 06·30 | 0·0 |
| Liverpool (Bidston) | ocm | oo | oo | | 44 | 41 | 39 | - | - | - | - | 0·2 |
| Chester (Shotwick) | oo | om | om | om | 47 | 42 | 36 | - | - | - | - | * |
| Spurn Head | c | c | b. bc | p | 50 | 43 | * | 0·2 | 0·3 | <0800 | 24·00 | 2·1 |
| Nottingham | oo | ood | b.o | om | 47 | 41 | 34 | trace | - | 15·30 | - | 0·6 |
| Cranwell | oq | c | o. bc | om | 48 | 38 | 34 | 0·3 | Trace | 11·00 | - | 0·9 |
| Gorleston | cqpr | bcqpr | bcqpr | bcqpr | 50 | 44 | 43 | 1 | 0·2 | <0800 | <21·00 | 1·2 |
| Valencia (Cahirciveen) | | c | o | . | | | | | | | | |
| Roches Point | | | | | | | * | | | | | * |
| Pembroke (St. Ann's H.) | bqc | co | oo | oo | 49 | 43 | * | - | - | - | - | 2·9 |
| Ross-on-Wye | dom | omgom | gom. bc | o.c.o | 47 | 38 | 29 | trace | - | <0800 | - | 0·0 |
| Benson | co | oc | bc.b | o.cvd | 49 | 39 | 29 | - | - | - | - | * |
| Andover | cdqo | oo | o.c. bq.b | b. bc.cvd | 49 | 36 | 31 | - | - | - | - | 0·4 |
| S. Farnborough | oo | oo | o.c.b | bc.omx | 50 | 29 | 25 | - | - | - | - | 0·0 |
| London (Kew Obsy.) | oidrcs | oz | oz. b.b | b.bc.omx | 51 | 39 | 29 | - | Trace | - | - | 0·0 |
| Croydon | omz | ozm | o.com | b.omx | 50 | 36 | 29 | - | - | - | - | 0·0 |
| Clacton-on-Sea | c | ogc | b. bc | bc.c. bc | 50 | 41 | 38 | - | - | - | - | 3·6 |
| Shoeburyness | | opt.cb | b.bc | c | 51 | 38 | 35 | 0·2 | - | 09·00 | - | 0·2 |
| Grain | oo | oco | o.c. bq.b | b.bc | 50 | 42 | 39 | - | - | - | - | 6·5 |
| Lympne | omdr₀ | ocod₀ | oir, hqbr | b.cpr.ir₀ | 52 | 42 | 39 | 1 | 1 | <0800 | <21·00 | 1·2 |
| Scilly (St. Mary's) | | | | | | | * | | | | | |
| Falmouth (Pendennis) | cbc | bcco | | bc | 51 | 42 | * | - | - | - | - | 1·9 |
| Plymouth (Cattewater) | c | oo | o.b | b.o | 50 | 43 | 38 | - | - | - | - | 2·0 |
| Portland Bill | c | bco | c | c.b | 53 | 40 | * | - | - | - | - | * |
| Southampton (Calshot) | oo | oo | c | b.bc | 52 | 39 | 36 | - | - | - | - | 1·3 |
| Dungeness | ir | troid. | o.cir | p | 52 | 45 | * | 0·2 | 0·6 | <0800 | - | * |
| Jersey | bc | b | c | ocd | 53 | 48 | * | - | 0·6 | - | 0330 | 6·0 |
| ~~Guernsey~~ Inf. | | | | | | | | | | | | |

## Isallobars.

24th Oct. 1922




## Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. | Remarks. |
|---|---|---|---|---|---|---|---|---|
| 2 | 23rd 1000 | Scotia | ENE | 4 | cp | 50 | 54 | |
| 3 | 24th 0300 | Arundel | NE | 5 | PR | 49 | 55 | |

## General Inference.

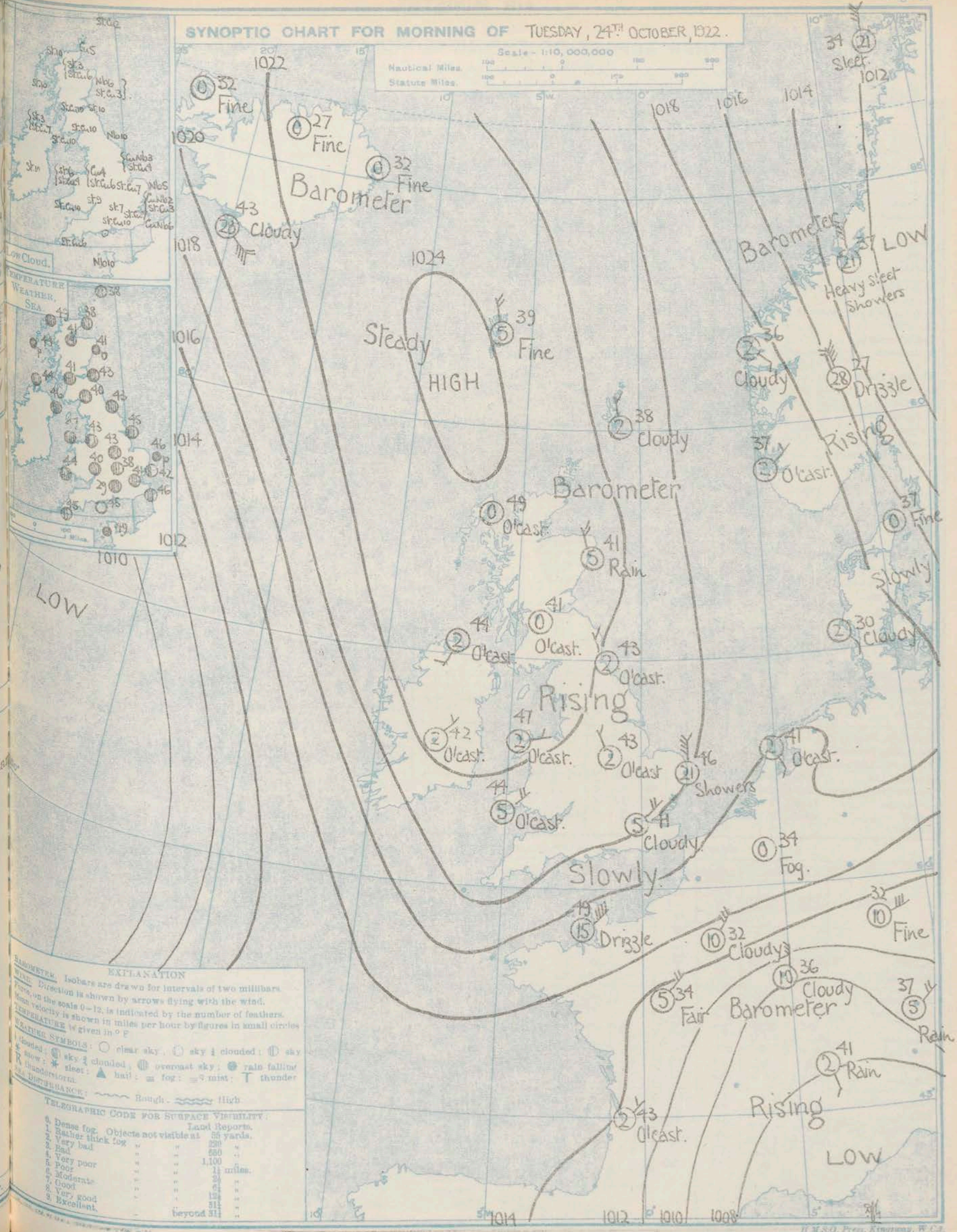
Pressure will be highest over the northern part of the North Sea before long and the supply of polar air to the British Isles should therefore cease. Winds will be light or moderate from E and SE, with fair weather, and although slight frosts may occur inland at night rather warmer afternoons than of late are likely.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 24th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England | Moderate to light NE to E winds; fair; visibility moderate or good during the day but some mist at night; rather warmer by day than of late, but risk of slight frost at night. | Fair generally with higher day temperatures than of late. |
| ~~11. E. Scotland~~<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N.& N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | Wind light and indefinite; cloudy to fair; visibility moderate or good apart from some mist at night; moderate temperature | |
| ~~17. N.W. Ireland~~<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Wind E to SE, light or moderate; cloudy to fair; visibility moderate or good apart from some mist at night; moderate temperature. | |

EVN

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930. G. C. Simpson, F.R.S., Director.

† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Tuesday, 24th October 1922. No. 294.

### Observations at 0100 G.M.T. 24th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1019.9 | +2 | NNW | 1 | b- | 39 | 85 | 4 | - | - | 0 | A Cu | 2 | • |
| Stornoway | 1023.0 | 0 | N | 2 | co. | • | • | 3 | • | • | • | • | • | • |
| Wick | 1020.9 | +1 | WNW | 1 | b | 39 | 92 | 8 | 5000 | Cu | 3 | - | 3 | • |
| Castlebay | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head | 1022.0 | 0 | S | 2 | c | 44 | 85 | 4 | 4000 | St Cu | 10 | - | 10 | • |
| Renfrew | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1022.1 | +1 | WSW | 1 | b | 43 | 95 | 8 | * | St | 4 | A St | 10 | • |
| Leuchars | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth | 1020.9 | +1 | N | 2 | or | 45 | 92 | 4 | 4000 | Nb | 9 | - | 9 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown | | | | | | | | | | | | | | • |
| Holyhead | 1021.2 | +1 | E | 1 | 0 | 48 | 95 | 8 | 2500 | St Cu | 10 | - | 10 | • |
| Liverpool (Bidston) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head | 1019.5 | +1 | NNE | 4 | c | 46 | 94 | 4 | 2500 | St | 3 | A St | 4 | • |
| Nottingham | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell | 1020.9 | +2 | NNW | 3 | b- | 40 | 94 | 4 | 2500 | St | 2 | - | 2 | • |
| Gorleston | 1019.5 | +1 | NNE | 4 | c+ | 44 | 92 | 4 | 2500 | Cu Nb | 8 | - | 8 | • |
| Valencia (Cahirciveen) | 1020.5 | 0 | E | 2 | 0 | 44 | 85 | 8 | * | St | 10 | - | 10 | • |
| Roches Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1020.3 | +2 | NE | 3 | 0 | 45 | 95 | 8 | 4000 | St Cu | 10 | - | 10 | • |
| Ross-on-Wye | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.) | • | • | • | • | • | 40 | • | • | • | • | • | • | • | • |
| Croydon | 1018.3 | +2 | NE | 2 | b | 39 | 94 | 5 | - | - | 0 | - | 0 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne | 1016.6 | +5 | N | 4 | b- | 43 | 94 | 8 | 4000 | St Cu | 2 | - | 2 | • |
| Scilly (St. Mary's) | | | | | | | | | | | | | | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill | 1016.9 | 0 | NE | 5 | bc- | 46 | 85 | 4 | 1500 | St Cu | 6 | - | 6 | • |
| Southampton (Calshot) | 1018.1 | +2 | N | 3 | b | 48 | 92 | 8 | - | - | 0 | | 0 | • |
| Dungeness | 1016.2 | +2 | N | 3 | bcr | 45 | 94 | 8 | - | - | 0 | A St | 6 | • |
| Jersey (7h.) / Guernsey (1h.) | 1018.1 | +2 | NNE | 4 | 0 | 50 | 92 | 4 | 5000 | Cu Nb | 10 | - | 10 | • |

### Observations at 0700 G.M.T. 24th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1021.1 | +1 | NNW | 1 | c+ | 38 | 85 | 4 | 5000 | St Cu | 2 | A St | 8 | 1 |
| Stornoway | 1023.2 | +1 | - | 0 | 0 | 49 | 92 | 6 | 800 | St | 10 | - | 10 | 0 |
| Wick | 1022.0 | +1 | W | 1 | c+ | 38 | 94 | 9 | 5000 | Cu | 5 | Ci | 4 | 0 |
| Castlebay | 1023.4 | 0 | - | 0 | ofr. | 45 | 85 | 8 | 1500 | St | 10 | - | 10 | 0 |
| Nairn | 1022.3 | • | - | 0 | 0 | 41 | 92 | 8 | 1500 | St Cu | 9 | - | 9 | • |
| Aberdeen | 1022.5 | +2 | NNW | 2 | or | 41 | 94 | 4 | 1500 | Nb | 9 | - | 9 | 0 |
| Malin Head | 1022.9 | 0 | SSW | 1 | 0 | 44 | 85 | 4 | 2500 | St Cu | 10 | - | 10 | 1 |
| Renfrew | 1023.3 | +1 | - | 0 | 0 | 41 | 85 | 5 | 4000 | St Cu | 10 | - | 10 | • |
| Edinburgh (Inchkeith) | 1022.5 | +1 | WSW | 2 | 0 | 43 | 85 | 4 | * | St | 10 | - | 10 | 2 |
| Leuchars | 1022.4 | +1 | - | 0 | 0 | 42 | 85 | 8 | 4000 | St Cu | 10 | - | 10 | • |
| Eskdalemuir | 1023.1 | +1 | NNW | 1 | 0 | 40 | 95 | 8 | 2500 | St Cu | 10 | - | 10 | 3 |
| Tynemouth | 1022.9 | +2 | NW | 1 | ofp | 43 | 92 | 6 | 4000 | Nb | 10 | | | |
| Blacksod Point | 1022.2 | +2 | WNW | 1 | 0 | 46 | 85 | 8 | 4000 | St Cu | 10 | - | 10 | 0 |
| Donaghadee | 1023.3 | • | NE | 1 | 0+ | 42 | 85 | 4 | 450 | St | 10 | - | 10 | • |
| Birr Castle | | | | | | | | | | | | | 10 | 0 |
| Collinstown | 1022.8 | +2 | E | 1 | ofr | 44 | 85 | 8 | 2500 | St | 10 | - | 10 | 2 |
| Holyhead | 1022.9 | +1 | NNE | 1 | 0 | 43 | 85 | 4 | 1500 | St Cu | 10 | - | 10 | • |
| Liverpool (Bidston) | 1022.4 | +3 | NW | 2 | ofp | 42 | 94 | 4 | 4000 | St | 10 | | | |
| Chester (Shotwick) | | | | | | | | | | | | | | |
| Spurn Head | 1020.6 | +1 | NW | 4 | cfr | 45 | 92 | 4 | 4000 | St Cu | 4 | - | 4 | 5 |
| Nottingham | 1021.8 | • | NNW | 1 | 0 | 43 | 92 | 4 | 2500 | St Cu | 4 | A Cu | 10 | • |
| Cranwell | 1021.8 | +1 | NNW | 3 | 0 | 40 | 94 | 5 | 4000 | St | 10 | - | 10 | • |
| Gorleston | 1019.2 | +1 | N | 5 | bofr. | 46 | 85 | 4 | 4000 | Nb | 5 | - | 5 | 1 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point | 1021.4 | +1 | NE | 2 | 0 | 44 | 95 | 4 | 4000 | St Cu | 10 | - | 10 | 3 |
| Pembroke (St. Ann's H.) | 1021.8 | +2 | - | 0 | 0 | 40 | 92 | 6 | 2500 | St | 9 | - | 9 | • |
| Ross-on-Wye | 1020.6 | +2 | NNE | 3 | c- | 37 | 92 | 6 | * | St | 4 | - | 4 | • |
| Benson | 1020.8 | +1 | NE'N | 4 | c+ | 40 | 92 | 8 | 2500 | St Cu | 4 | - | 4 | • |
| Andover | 1020.5 | +3 | N | 1 | 0- | 29 | 94 | 5 | 4000 | St Cu | 10 | - | 10 | • |
| S. Farnborough | 1020.4 | +3 | NNE | 2 | c | 41 | 94 | 6 | 2500 | St Cu | 4 | - | 4 | • |
| London (Kew Obsy.) | 1019.8 | +2 | NNW | 1 | 0 | 40 | 94 | 4 | 800 | St | 10 | - | 10 | • |
| Croydon | 1018.8 | +2 | NNW | 3 | bc | 42 | 94 | 4 | 2500 | St Cu | 5 | - | 5 | 0 |
| Clacton-on-Sea | 1019.4 | +2 | N | 2 | c | 44 | 85 | 5 | 5000 | Cu | 4 | - | 4 | * |
| Shoeburyness | 1019.5 | +3 | NNE | 5 | c- | 43 | 92 | 8 | 4000 | St Cu | 4 | - | 4 | 0 |
| Grain | | | | | | | | | | | | | | • |
| Lympne | 1018.2 | +2 | N | 4 | 0c | 44 | 94 | 6 | 800 | Nb | 9 | | | |
| Scilly (St. Mary's) | 1020.4 | +4 | NNE | 3 | bc | 43 | 85 | 4 | 4000 | St Cu | 6 | - | 6 | 1 |
| Falmouth (Pendennis) | 1020.3 | +2 | E | 3 | 0 | 43 | 85 | 8 | 5000 | St Cu | 10 | - | 10 | 0 |
| Plymouth (Cattewater) | 1018.4 | +3 | NE | 5 | b- | 45 | 85 | 4 | - | - | 0 | - | 0 | 4 |
| Portland Bill | 1019.9 | +3 | NNW | 3 | b | 40 | 92 | 6 | 4000 | St | 1 | - | 1 | 0 |
| Southampton (Calshot) | 1018.4 | +2 | NE | 4 | cfr | 46 | 94 | 8 | 800 | St | 2 | A Cu | 4 | 4 |
| Dungeness | 1014.4 | +1 | NE | 4 | bodd | 49 | 92 | 4 | 1500 | Nb | 10 | - | 10 | 6 |
| Jersey (7h.) / Guernsey (1h.) | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 23rd Oct.

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 22nd-23rd °F. | Temperature. Max. Day. 23rd °F. | Rainfall.† Night 17h.-9h. 22nd-23rd mm. | Rainfall.† Day 9h.-17h. 23rd mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset 23rd hr. |
|---|---|---|---|---|---|---|---|---|
| Banff | c.opo | opo | 42 | 49 | 2 | 1 | | 0.4 |
| Montrose | | | 37 | 51 | - | - | | 2.4 |
| Llandudno | c | c | 41 | 48 | - | - | | 0.1 |
| Colwyn Bay | c | c | 44 | 47 | - | - | | 0.5 |
| Rhyl | bc | bc | 44 | 48 | - | - | | 0.0 |
| Southport | oc o | oco | 41 | 47 | - | - | | 0.5 |
| Blackpool | qo | o | 41 | 52 | - | - | | 2.5 |
| Harrogate | b | b | 39 | 48 | 1 | - | | 3.3 |
| Skegness | o.cbc | bcb | 45 | 50 | 0.3 | - | | 2.8 |
| Aberystwyth | oc | o | 42 | 48 | - | - | | 0.0 |
| Bath | oc | co | 39 | 50 | - | - | | 0.9 |
| Leamington Spa | ocb | cbo | 41 | 48 | - | - | | 0.3 |
| Lowestoft | oc.o | c.o.c | 47 | 51 | 1 | 1 | | 1.1 |
| Felixstowe | o | cpo | 42 | 51 | 3 | 0.2 | | 2.1 |
| Southend | o | o | 42 | 50 | 1 | - | | 0.4 |

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 22nd-23rd °F. | Temperature. Max. Day. 23rd °F. | Rainfall.† Night 17h.-9h. 22nd-23rd mm. | Rainfall.† Day 9h.-17h. 23rd mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset 23rd hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton | bc | coq | 45 | 53 | - | - | | 3.1 |
| Ilfracombe | o | o | 46 | 50 | - | - | | 0.0 |
| Bude | o | o | 54 | 59 | - | - | | 0.2 |
| Penzance | bc c | o | 43 | 50 | - | - | | 0.8 |
| Falmouth Observatory | c | c3 | 41 | 53 | - | - | | 2.5 |
| Torquay | b | o | 45 | 52 | - | - | | 4.2 |
| Weymouth | cbc | bcc | 41 | 53 | - | - | | 2.7 |
| Bournemouth | c | c | 37 | 52 | - | - | | 2.2 |
| Portsmouth (S'thsea) | oc | bcb | 41 | 53 | - | - | | 1.3 |
| Worthing | co | cbc | 41 | 51 | - | - | | 0.6 |
| Brighton | oc.b | bc | 41 | 52 | 1 | - | | 0.5 |
| Eastbourne | ro | c | 38 | 51 | - | Trace | | 0.4 |
| Hastings | roc | ed | 43 | 50 | 1 | 0.2 | | 1.4 |
| Folkestone | oc | o | 40 | 52 | 1 | - | | 0.2 |
| Tunbridge Wells | b.bco | o.cbc.r | 48 | 53 | 1 | 1 | | 0.7 |
| Ramsgate | o | o | 44 | 52 | 2 | - | | 0.0 |
| Margate | cp | cod | 46 | 51 | Trace | Trace | | 0.7 |
| Deal | | | | | | | | |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22252 WEDNESDAY 25th October 1922. 

**Observations at 1300 G.M.T. 24th**

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1023·0 | +1 | NNE | 1 | bc+ | 42 | 75 | 7 | 4000 | CuNb | 4 | – | 4 | • |
| Stornoway | 1024·6 | +1 | – | 0 | 0– | 48 | 75 | 6 | 800 | St | 9 | – | 9 | • |
| Wick | 1023·8 | +1 | NNW | 3 | c | 46 | 75 | 8 | 2500 | StCu | 8 | – | 8 | • |
| Castlebay | 1024·7 | 0 | NE | 1 | 0 | 49 | 65 | 8 | 1500 | St | 10 | – | 10 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1022·9 | +1 | NW'N | 3 | crs | 44 | 85 | 7 | 1500 | Nb | 7 | – | 7 | • |
| Malin Head | 1024·1 | +1 | – | 0 | 0 | 49 | 75 | 7 | 5700 | StCu | 10 | – | 10 | • |
| Renfrew | 1024·5 | 0 | WNW | 1 | 0 | 49 | 65 | 6 | 5700 | StCu | 10 | – | 10 | • |
| Edinburgh (Inchkeith) | 1024·0 | 0 | WSW | 1 | mo– | 46 | 75 | 6 | – | StCu | 10 | – | 10 | • |
| Leuchars | 1024·0 | 0 | NW | 2 | 0 | 47 | 75 | 8 | 5700 | StCu | 10 | – | 10 | • |
| Eskdalemuir | 1024·2 | 0 | N | 2 | 0 | 46 | 65 | 8 | 4000 | StCu | 10 | – | 10 | • |
| Tynemouth | 1023·3 | 0 | N | 3 | 0 | 47 | 85 | 7 | 4000 | CuNb | 4 | ASt | 9 | • |
| Blacksod Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Donaghadee | 1024·6 | +2 | E | 1 | 0 | 49 | 75 | 8 | 4000 | StCu | 10 | – | 10 | • |
| Birr Castle | 1023·7 | • | NE | 1 | 0 | 46 | 85 | 8 | 450 | St | 10 | – | 10 | • |
| Collinstown | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Holyhead | 1024·1 | 0 | ENE | 1 | 0+ | 50 | 75 | 8 | 4000 | StCu | 7 | ACu | 10 | • |
| Liverpool (Bidston) | 1023·6 | 0 | NNE | 1 | C+ | 49 | 55 | 6 | 1500 | CuNb | 7 | – | 7 | • |
| Chester (Shotwick) | 1023·7 | 0 | NW | 3 | 0 | 49 | 75 | 6 | 5700 | StCu | 10 | – | 10 | • |
| Spurn Head | 1022·3 | +2 | N | 3 | cjp | 50 | 75 | 7 | 4000 | CuNb | 8 | – | 8 | • |
| Nottingham | 1022·5 | • | NNE | 3 | 0 | 50 | 75 | 6 | 2500 | StCu | 8 | ACu | 10 | • |
| Cranwell | 1023·1 | +1 | NNW | 3 | c | 48 | 85 | 6 | 1500 | Cu | 7 | ACu | 8 | • |
| Gorleston | 1021·0 | +1 | NE'N | 4 | bc | 50 | 65 | 7 | 4000 | Cu | 4 | – | 4 | • |
| Valencia (Cahirciveen) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Roches Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1022·9 | +1 | ENE | 3 | 0 | 48 | 65 | 7 | 4000 | StCu | 10 | – | 10 | • |
| Ross-on-Wye | 1022·2 | 0 | NE | 2 | mmo | 48 | 75 | 6 | 2500 | St | 10 | – | 10 | • |
| Benson | 1021·9 | 0 | NE | 3 | 0+ | 49 | 75 | 7 | * | Cu | 10 | – | 10 | • |
| Andover | 1021·1 | +1 | NE | 4 | 0 | 48 | 65 | 8 | 2500 | StCu | 9 | – | 9 | • |
| S. Farnborough | 1021·2 | +1 | NE | 3 | b+ | 50 | 65 | 7 | 4000 | Cu | 3 | – | 3 | • |
| London (Kew Obsy.) | 1021·2 | 0 | NE | 3 | bc | 51 | 55 | 7 | 4000 | Cu | 6 | – | 6 | • |
| Croydon | 1020·9 | –1 | NE'E | 4 | c | 50 | 65 | 6 | 2500 | Cu | 8 | – | 8 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1020·7 | +1 | NE'N | 3 | c | 51 | 75 | 8 | 4000 | Cu | 7 | – | 7 | • |
| Grain | 1020·9 | +1 | NE | 5 | c | 50 | 75 | 8 | 4000 | StCu | 7 | – | 7 | • |
| Lympne | 1019·9 | 0 | NNE | 6 | bc r₀ | 47 | 85 | 8 | 1500 | Nb | 5 | – | 5 | • |
| Scilly (St. Mary's) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Falmouth (Pendennis) | 1022·0 | 0 | E | 5 | bc– | 50 | 85 | 7 | 4000 | Cu | 5 | – | 5 | • |
| Plymouth (Cattewater) | 1021·2 | 0 | E | 3 | c | 49 | 65 | 7 | 4000 | StCu | 8 | – | 8 | • |
| Portland Bill | 1018·7 | 0 | NE | 5 | b+ | 46 | 85 | 7 | 800 | Cu | 3 | – | 3 | • |
| Southampton (Calshot) | 1021·1 | 0 | NNE | 4 | bc+ | 52 | 65 | 7 | 4000 | StCu | 4 | – | 4 | • |
| Dungeness | 1019·1 | +1 | E | 5 | C+ | 51 | 75 | 8 | 7200 | – | 0 | ACu | 7 | • |
| Jersey 7h | 1018·6 | +1 | NE | 4 | ofr | 50 | 92 | 4 | 1500 | Nb | 10 | – | 10 | • |
| Guernsey 1h | | | | | | | | | | | | | | |

**Observations at 1800 G.M.T. 24th**

| Stations. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1023·9 | +2 | NNW | 1 | b | 39 | 85 | 4 | 4000 | Cu | 1 | A Cu | 3 | 0 |
| Stornoway | 1025·2 | 0 | – | 0 | c– | 43 | 85 | 6 | 800 | St | 8 | – | 8 | 0 |
| Wick | 1024·3 | +1 | NNW | 2 | 0 | 41 | 94 | 8 | 2500 | Cu | 9 | – | 9 | 0 |
| Castlebay | 1024·8 | 0 | N | 2 | bc | 46 | 85 | 4 | 2500 | Cu | 4 | – | 4 | 1 |
| Nairn | 1025·1 | • | – | 0 | bc– | 54 | 85 | 8 | 4000 | Cu | 5 | – | 5 | • |
| Aberdeen | 1024·5 | +1 | NNW | 2 | b– | 40 | 85 | 4 | 4000 | StCu | 1 | – | 1 | 0 |
| Malin Head | 1024·2 | 0 | SSW | 1 | c | 42 | 85 | 6 | 5400 | StCu | 8 | – | 8 | 1 |
| Renfrew | 1024·8 | +1 | NW'W | 1 | 0+ | 43 | 95 | 6 | 5400 | StCu | 10 | – | 10 | • |
| Edinburgh (Inchkeith) | 1024·3 | 0 | WNW | 1 | of z | 46 | 95 | 6 | * | StCu | 10 | – | 10 | 1 |
| Leuchars | 1024·5 | +1 | NNE | 2 | 0– | 42 | 85 | 8 | 4000 | StCu | 9 | – | 9 | 4 |
| Eskdalemuir | 1025·3 | 0 | N | 2 | 0 | 41 | 95 | 6 | 4000 | StCu | 10 | – | 10 | • |
| Tynemouth | 1025·9 | 0 | N | 3 | 0PR+ | 46 | 95 | 4 | 4000 | Nb | 10 | – | 10 | 2 |
| Blacksod Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Donaghadee | 1024·8 | +1 | E | 1 | 0 | 48 | 85 | 8 | 4000 | StCu | 10 | – | 10 | 0 |
| Birr Castle | 1023·4 | • | ENE | 1 | 0 | 45 | 92 | 6 | 450 | St | 10 | – | 10 | • |
| Collinstown | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Holyhead | 1024·1 | 0 | ENE | 3 | 0 | 48 | 95 | 8 | 4000 | StCu | 9 | – | 9 | 1 |
| Liverpool (Bidston) | 1023·9 | +1 | N'E | 1 | 0 | 46 | 75 | 5 | 2500 | StCu | 10 | – | 10 | 2 |
| Chester (Shotwick) | 1023·4 | 0 | NW | 1 | 0 | 45 | 95 | 4 | 4000 | StCu | 10 | – | 10 | • |
| Spurn Head | 1023·5 | +1 | NNW | 4 | cjp | 46 | 85 | 4 | 4000 | CuNb | 8 | – | 8 | 0 |
| Nottingham | 1023·2 | • | N | 1 | 0 | 46 | 85 | 6 | – | – | 0 | A St | 10 | • |
| Cranwell | 1023·9 | +2 | N'W | 2 | 0 | 44 | 94 | 6 | 1500 | StCu | 10 | – | 10 | • |
| Gorleston | 1021·3 | 0 | NNW | 2 | bc+ | 45 | 85 | 6 | 4000 | StCu | 6 | – | 6 | 1 |
| Valencia (Cahirciveen) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Roches Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1022·9 | 0 | ENE | 3 | 0 | 44 | 95 | 4 | 4000 | StCu | 10 | – | 10 | 2 |
| Ross-on-Wye | 1022·9 | +1 | – | 0 | mmo | 46 | 85 | 5 | 1500 | St | 10 | – | 10 | • |
| Benson | 1022·6 | +2 | NE | 2 | 0 | 45 | 85 | 4 | 4 | St | 10 | – | 10 | • |
| Andover | 1022·1 | +1 | NNE | 1 | 0 | 44 | 86 | 8 | 4000 | StCu | 9 | – | 9 | • |
| S. Farnborough | 1022·4 | +2 | – | 0 | 0 | 42 | 92 | 4 | – | – | 0 | ACu | 9 | • |
| London (Kew Obsy.) | 1022·4 | +2 | NE | 2 | b | 46 | 75 | 5 | 4000 | StCu | 1 | – | 1 | • |
| Croydon | 1022·2 | +2 | NNE | 2 | c+ | 45 | 85 | 5 | 4000 | StCu | 4 | – | 4 | • |
| Clacton-on-Sea | 1021·5 | +2 | NNE | 2 | bc | 46 | 95 | 4 | 2500 | Cu | 5 | – | 5 | 1 |
| Shoeburyness | 1021·4 | 0 | – | 0 | mb | 41 | 92 | 6 | – | – | 0 | – | 0 | • |
| Grain | 1021·8 | +2 | NNE | 4 | b | 44 | 85 | 8 | 4000 | StCu | 3 | – | 3 | 0 |
| Lympne | 1021·2 | +1 | NNE | 3 | b | 39 | 94 | 8 | 4000 | StCu | 2 | – | 2 | • |
| Scilly (St. Mary's) | 1021·0 | +1 | E | 2 | 0 | 50 | 95 | 8 | 4000 | StCu | 10 | – | 10 | 4 |
| Falmouth (Pendennis) | 1021·3 | 0 | ENE | 3 | c+ | 48 | 85 | 4 | 4000 | Cu | 4 | – | 4 | 1 |
| Plymouth (Cattewater) | 1021·4 | 0 | NNE | 2 | 0 | 49 | 95 | 6 | 4000 | StCu | 9 | – | 9 | 0 |
| Portland Bill | 1020·6 | +2 | NE | 4 | b– | 46 | 85 | 4 | – | – | 0 | – | 0 | 4 |
| Southampton (Calshot) | 1021·9 | +2 | NNE | 3 | b– | 44 | 95 | 4 | 5400 | StCu | 2 | – | 2 | 0 |
| Dungeness | 1020·4 | +2 | N | 2 | bc– | 44 | 94 | 8 | – | – | 0 | A Cu | 4 | 4 |
| Jersey 7h | 1018·8 | 0 | NE | 3 | ofr | 50 | 85 | 8 | 1500 | StCu | 10 | – | 10 | 4 |
| Guernsey 1h | | | | | | | | | | | | | | |

| London Observations. | Weather. Morning. | Weather. Afternoon. | Weather. Night. | Temperature. Max. °F. | Temperature. Min. °F. | Temperature. Min. on Grass. °F. | Rainfall. mm. Day. | Rainfall. mm. Night. | Sunshine to Sunset. hrs. | Humidity. 15h. G.M.T. % | Humidity. 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 hours ended 0900 G.M.T. 25th | | | | | | | | Yesterday. | To-day. | |
| Kew } 24 hours ended 0700 | bmwbcy | bbc | bcmw | • | • | 26 | – | – | 5.9 | • | • |
| Croydon } 24 hours ended 0700 | obcfz | cbczm | bmFm | • | • | 25 | – | – | 4.5 | • | • |
| Greenwich (Royal Obsy.) | bc'b | bcb | bwob | 53 | 38 | 29 | – | – | 5.6 | 67 | 81 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 5.0 | • | • |
| Westminster (St. James' Pk.) | • | • | • | 53 | 42 | 37 | – | – | 4.3 | 66 | 80 |
| Regent's Pk. (Botanic Gdns.) | • | • | • | • | • | • | • | • | 4.5 | • | • |
| Camden Square | bw | b | • | 51 | 41 | 35 | – | – | • | • | 86 |
| Kensington Palace | bc | bcb | • | 52 | 39 | 29 | – | – | • | 80(13h) | 80 |
| Hampstead Observatory | • | • | • | 50 | 39 | 34 | – | – | 5.9 | • | 95 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 24th

South Kensington

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

Kew Observatory

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| 0·9 | 1900 25th | <0·3 | 0200 |
| 1·0 | 0900 24th | | 24th |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 24th 17h 45m to 25th 5h 45m

| Stars. | Exposure. h. m. | Record. h. m. | Record. % |
|---|---|---|---|
| Polaris | 12 0 | 6.36 | 55 |
| δ Ursæ Minoris | 12 0 | 5.22 | 45 |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | – | – | – | – |
| 18h. | C | 6 | – | 140° |
| 01h. | C | 6 | – | 65 |
| 07h. | C,C | 6 | – | 155 |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.**

25th & 26th October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6·34 / 6·34 | 11·34 / 11·34 | 4·36 / 4·35 |
| Greenwich | 6·42 / 6·44 | 11·44 / 11·44 | 4·45 / 4·44 |
| Wick | 7·12 / 7·14 | 11·56 / 11·56 | 4·39 / 4·37 |
| Valencia | 7·24 / 7·26 | 12·25 / 12·25 | 5·26 / 5·24 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
$r_0r_0$ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

**Sea Disturbance.**

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

[1] For explanation see Introduction.

* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

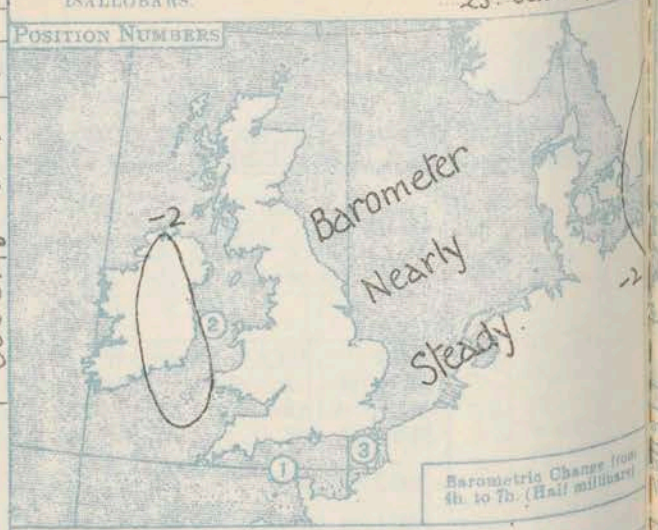
§ For code see page 3.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 24th | 13h.-18h. 24th | 18h. 24th to 1h. 25th | 1h.-7h. 25th | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | bc | bc | bcp | bc | 43 | 38 | • | Trace | 1 | <0800 | 2400 | • |
| Stornoway ... ... | oo | c | bbc | b | 49 | 28 | • | – | – | – | – | 0.6 |
| Wick ... ... ... | c | c | bbc | b.bc | 47 | 31 | • | – | – | – | – | • |
| Castlebay ... ... | opo | d bc | bcoco | opo | 49 | 45 | • | Trace | 1 | – | – | 0.0 |
| Nairn ... ... ... | bc | bc | bcx | bcb | 47 | 28 | • | – | – | – | – | 3.1 |
| Aberdeen ... ... | prprs | p.rbc | bw | bmw | 47 | 36 | 32 | 1 | – | <0800 | – | 2.6 |
| Malin Head ... ... | couz | cdz | com | com | 49 | 40 | | 1 | – | 1230 | – | 0.2 |
| Renfrew ... ... | omzo | ozo | ombc | bcbffx | 50 | 24 | 17 | – | – | – | – | 0.0 |
| Edinburgh (Inchkeith) | m | z | b | b | 47 | 38 | 31 | – | – | – | – | 0.0 |
| Leuchars ... ... | oo | c | b-bc | | 48 | 30 | 18 | – | – | – | – | 0.0 |
| Eskdalemuir ... ... | oo | oo | oc | cbcx | 46 | 27 | 21 | – | – | – | – | 0.0 |
| Tynemouth ... ... | cm | cp.q | oir | ir. | 47 | 41 | 36 | Trace | 1 | 1530 | <2100 | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | o | om | om | co | 49 | 48 | • | – | – | – | – | • |
| Birr Castle ... ... | oc | coz | coz | coz | 47 | 42 | 40 | – | – | – | – | * |
| Collinstown ... ... | | | | | | | | | | | | |
| Holyhead ... ... | oov | oo | oo | oom | 51 | 45 | 41 | – | – | – | – | 0.5 |
| Liverpool (Bidston) ... | ocbcm | bco | oo | | 49 | 42 | 37 | – | – | – | – | 0.6 |
| Chester (Shotwick) ... | omz | ozz | om | om | 49 | 39 | 36 | – | – | – | – | • |
| Spurn Head ... ... | c | p | b.bc | b | 50 | 41 | • | 1 | 1 | <0800 | 0330 | 1.1 |
| Nottingham ... ... | p.cb | oo | oc | bc.e | 50 | 39 | 36 | Trace | – | <0800 | – | 1.3 |
| Cranwell ... ... | obcc | id. | ocoz | mm | 49 | 36 | 34 | 0.2 | – | 1430 | – | 1.8 |
| Gorleston ... ... | bcqpr | bc e | bccprc | cp.hr | 52 | 40 | 30 | Trace | 6 | <0800 | <2100 | 7.1 |
| Valencia (Cahirciveen) | | | c | | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | oo | oo | oo | ozg | 49 | 44 | • | – | – | – | – | 0.0 |
| Ross-on-Wye ... ... | obcqu | comq | gom | gom | 51 | 41 | 39 | – | – | – | – | 2.7 |
| Benson... ... ... | bcco | o | cbc | o | 50 | 40 | 39 | – | – | – | – | • |
| Andover ... ... | bcbbc | oco | ocbc.c | cod.o | 50 | 37 | 29 | – | trace | – | 0630 | 6.2 |
| S. Farnborough ... | ocb | oo | obm | bom | 53 | 36 | 24 | – | – | – | – | 4.2 |
| London (Kew Obsy.) ... | bmwbu | borbc | bcmwbm | bmwom | 51 | 37 | 26 | – | – | – | – | 5.9 |
| Croydon ... ... | obc f3' | cbczm | cbm | bofm | 51 | 33 | 25 | – | – | – | – | 4.5 |
| Clacton-on-Sea ... | c | bc | bcb | bbc | 52 | 37 | 33 | – | – | – | – | 5.2 |
| Shoeburyness ... ... | c | cbcbm | bm | b | 53 | 34 | 30 | – | – | – | – | 5.7 |
| Grain ... ... ... | cbcc | cbcb | bb | bbc | 51 | 40 | 36 | – | – | – | – | 5.8 |
| Lympne ... ... | ocbr. | ocbr | bbccpr dr. | ocbpr dd | 51 | 37 | 30 | 0.2 | 1 | 1100 | <2100 | 2.2 |
| Scilly (St. Mary's) ... | | co | o | oc | 56 | 45 | • | – | – | – | – | 6.2 |
| Falmouth (Pendennis) | bcz | bczc | oc | bcm | 51 | 41 | • | – | – | – | – | 3.8 |
| Plymouth (Cattewater) | c | com | om | obxm | 51 | 38 | 30 | – | – | – | – | 3.8 |
| Portland Bill ... ... | c | borbc | bbc | c | 50 | 40 | • | – | – | – | – | • |
| Southampton (Calshot) | b.bc | bcb | bbc | bbc | 52 | ? | 37 | – | – | – | – | 7.2 |
| Dungeness ... ... | c | op | bbc | r.r.c | 51 | 41 | • | 0.1 | 0.2 | 1530 | 2200 | • |
| Jersey 7h | odpco | opco | obco | oco | 51 | 45 | • | 1 | – | <0800 | – | 0.5 |

## ISALLOBARS.

25th October, 1922




## Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea | Visibility |
|---|---|---|---|---|---|---|---|---|
| 2 | 24th 1000 | Scotia | E'N | – | 0 | 52 | 53 | 9 |
| 1 | 24th 1200 | Ibex | NE | 6 | b | 52 | 56 | 7 |
| 3 | 25th 0300 | Dieppe | E | 2 | 0 | 46 | 55 | 7 |

## GENERAL INFERENCE.

The anticyclone extending from Iceland to Holland will cause fair weather with light winds generally, but showers will occur in places on the east coast of England. Day temperature will be moderate but there is a risk of frost at night.

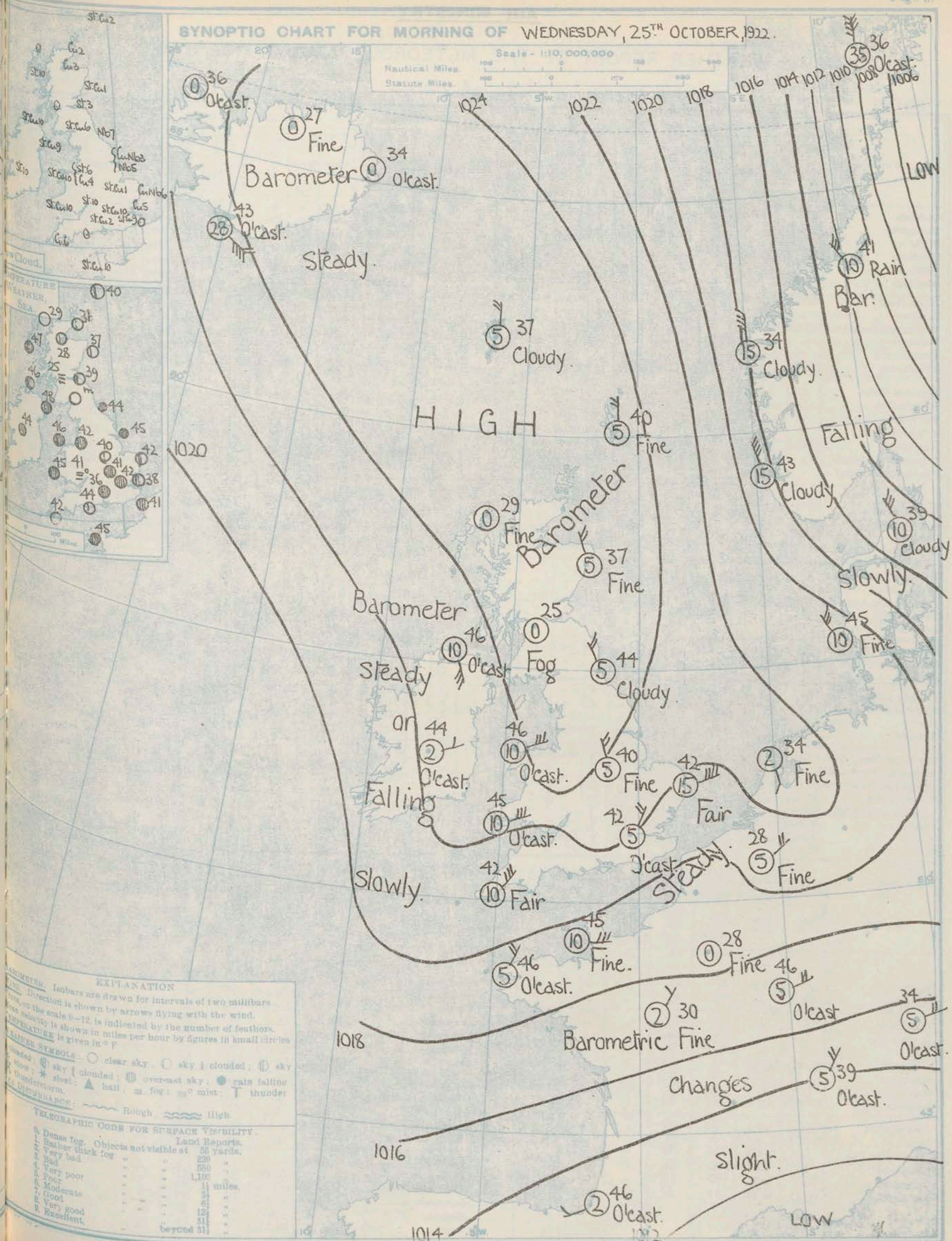
## Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday 25th October, 1922.

| Districts. | Forecasts | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England | Light or moderate NE winds; fair apart from local showers at first on the coast; some mist at night with slight frost inland. | Fair generally. |
| 3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands | Light or moderate NE to E winds; fair; visibility good apart from morning mist; moderate day temperature, slight frost at night. | |
| 10. N.E. England | As 1 - 2. | |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N.&N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | Wind light and indefinite; fair; visibility good apart from morning mist; moderate day temperature, frost inland at night. | |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Light Easterly wind; mainly cloudy, visibility good apart from morning mist; moderate day temperature, slight frost inland at night. E.V.N. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0920.

G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:



BRITISH SECTION. Wednesday, 25th October 1922. No. 298.

**Observations at 0100 G.M.T. 25th**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1024.1 | 0 | NNW | 3 | bcpr | 40 | 92 | 7 | 4000 | Nb | 4 | - | 4 | • |
| Stornoway ... ... | 1026.9 | 0 | - | 0 | b | • | • | 6 | • | • | • | • | • | • |
| Wick ... ... ... | 1025.6 | +1 | W | 2 | b | 34 | 97 | 8 | 4000 | Cu | 2 | - | 2 | • |
| Castlebay ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head ... ... | 1024.4 | 0 | S | 1 | 0 | 44 | 85 | 6 | 5700 | StCu | 10 | - | 10 | • |
| Renfrew ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1025.4 | +1 | N | 1 | b- | 41 | 75 | 8 | - | - | 0 | - | 0 | • |
| Leuchars ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth ... ... | 1024.5 | 0 | NNW | 2 | bcr | 41 | 92 | 6 | 4000 | Nb | 6 | - | 6 | • |
| Blacksod Point ... | | | | | | | | | | | | | | • |
| Donaghadee ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Collinstown ... ... | | | | | | | | | | | | | | • |
| Holyhead ... ... | 1023.1 | -1 | ESE | 1 | 0 | 47 | 75 | 7 | 1500 | Sr | 10 | - | 10 | • |
| Liverpool (Bidston) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head ... ... | 1022.8 | -1 | N | 2 | b | 43 | 92 | 7 | 1500 | Sr | 1 | - | 1 | • |
| Nottingham ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell ... ... | 1024.3 | 0 | N'W | 3 | 0 | 41 | 97 | 6 | 2500 | Sr | 10 | - | 10 | • |
| Gorleston ... ... | 1022.1 | 0 | NW | 2 | bcr | 40 | 92 | 5 | 4000 | Nb | 6 | - | 6 | • |
| Valencia (Cahirciveen) | 1022.6 | 0 | ESE | 2 | 0 | 46 | 85 | 8 | - | - | 0 | A.Sr | 9 | • |
| Roches Point ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1023.3 | 0 | NE | 3 | 0 | 45 | 75 | 8 | 4000 | StCu | 10 | - | 10 | • |
| Ross-on-Wye ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.) ... | • | • | • | • | • | 38 | • | • | • | • | • | • | • | • |
| Croydon ... ... | 1021.9 | -2 | - | 0 | b | 37 | 97 | 4 | - | - | 0 | - | 0 | • |
| Clacton-on-Sea ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain ... ... ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne ... ... | 1021.1 | 0 | N | 1 | o/r | 41 | 97 | 7 | 1500 | Sr | 10 | - | 10 | • |
| Scilly (St. Mary's) ... | 1021.1 | 0 | E | 3 | 0 | 50 | 75 | 7 | 4000 | StCu | 10 | - | 10 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill ... ... | 1021.6 | +2 | NE | 4 | b | 43 | 85 | 6 | - | - | 0 | - | 0 | • |
| Southampton (Calshot) | 1022.2 | 0 | N | 2 | b | 40 | 97 | 7 | - | - | 0 | - | 0 | • |
| Dungeness ... ... | 1021.0 | 0 | NNE | 1 | od | 46 | 85 | 8 | - | - | 0 | A.Sr | 10 | • |
| Jersey ·7h } ... ... | 1020.2 | 0 | NE | 4 | or | 50 | 85 | 8 | 5700 | Nb | 5 | A.Sr | 10 | • |
| Guernsey 1h } | | | | | | | | | | | | | | |

**Observations at 0700 G.M.T. 25th**

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1024.1 | 0 | N | 2 | b | 40 | 85 | 7 | 5700 | StCu | 2 | - | 2 | 1 |
| Stornoway ... ... | 1024.9 | 0 | - | 0 | b | 29 | 97 | 7 | - | - | 0 | - | 0 | 0 |
| Wick ... ... ... | 1025.1 | 0 | W | 2 | b | 31 | 97 | 8 | 4000 | Cu | 2 | - | 2 | 0 |
| Castlebay ... ... | 1023.6 | 0 | ENE | 2 | 0 | 47 | 75 | 7 | 1500 | Sr | 10 | - | 10 | • |
| Nairn ... ... ... | 1025.4 | • | - | 0 | b- | 25 | 75 | 8 | 4000 | Cu | 3 | - | 3 | 0 |
| Aberdeen ... ... | 1025.4 | 0 | NNW | 2 | b | 37 | 92 | 6 | 4000 | StCu | 1 | - | 1 | 1 |
| Malin Head ... ... | 1023.0 | -2 | SSE | 3 | 0 | 46 | 85 | 6 | 5700 | StCu | 10 | - | 10 | 0 |
| Renfrew ... ... | 1026.2 | 0 | - | 0 | ffb | 25 | 97 | 2 | - | - | 0 | - | 0 | • |
| Edinburgh (Inchkeith) | 1024.1 | -1 | W | 2 | mb | 39 | 92 | 6 | - | Sr | 3 | - | 3 | • |
| Leuchars ... ... | 1025.5 | -1 | N | 2 | b | 31 | 92 | 8 | 4000 | StCu | 1 | - | 1 | • |
| Eskdalemuir ... ... | 1026.2 | 0 | - | 0 | bc | 28 | 97 | 8 | 2500 | StCu | 6 | - | 6 | 2 |
| Tynemouth ... ... | 1024.8 | 0 | NW | 2 | cjp | 44 | 97 | 6 | 4000 | Nb | 7 | - | 7 | • |
| Blacksod Point ... | 1023.9 | 0 | SSE | 2 | 0 | 48 | 85 | 8 | 4000 | StCu | 9 | - | 9 | 0 |
| Donaghadee ... ... | 1022.5 | • | ENE | 1 | 0 | 44 | 92 | 6 | 450 | Sr | 10 | - | 10 | • |
| Birr Castle ... ... | | | | | | | | | | | | | | • |
| Collinstown ... ... | 1023.4 | -1 | E'N | 3 | 0 | 46 | 85 | 6 | 4000 | StCu | 10 | - | 10 | 1 |
| Holyhead ... ... | 1024.1 | 0 | ENE | 1 | 0 | 42 | 75 | 4 | 2500 | Sr | 10 | - | 10 | 2 |
| Liverpool (Bidston) ... | 1024.1 | 0 | - | 0 | 0 | 40 | 97 | 4 | 5700 | StCu | 10 | - | 10 | • |
| Chester (Shotwick) ... | | | | | | | | | | | | | | • |
| Spurn Head ... ... | 1022.8 | 0 | N'E | 5 | cpr | 45 | 85 | 7 | 4000 | Nb | 8 | - | 8 | A |
| Nottingham ... ... | 1023.2 | • | NNW | 2 | b | 40 | 92 | 5 | 2500 | StCu | 1 | - | 1 | • |
| Cranwell ... ... | 1023.5 | -1 | NNW | 3 | cjp | 37 | 97 | 5 | 2500 | StCu | 6 | ACu | 7 | • |
| Gorleston ... ... | 1021.7 | 0 | ENE | 4 | bc | 42 | 92 | 7 | 4000 | CuNb | 6 | - | 6 | 0 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | 1022.0 | -2 | ENE | 3 | 0 | 45 | 75 | 6 | 4000 | StCu | 10 | - | 10 | • |
| Pembroke (St. Ann's H.) | 1023.2 | 0 | N'E | 1 | mmo | 41 | 85 | 5 | 800 | Sr | 10 | - | 10 | • |
| Ross-on-Wye ... ... | 1022.1 | 0 | NE | 3 | 0 | 41 | 97 | 6 | - | StCu | 10 | - | 10 | • |
| Benson... ... ... | 1021.9 | 0 | NNE | 3 | 0 | 41 | 92 | 7 | 2500 | StCu | 10 | - | 9 | • |
| Andover ... ... | 1022.0 | 0 | NNW | 1 | 0- | 36 | 97 | 5 | 2500 | StCu | 2 | ACu | 9 | • |
| S. Farnborough ... | 1021.9 | 0 | N'E | 2 | 0 | 42 | 85 | 6 | 5700 | StCu | 9 | - | 10 | • |
| London (Kew Obsy.) ... | 1021.6 | -1 | - | 0 | o/f | 39 | 97 | 4 | 4000 | StCu | 10 | - | 10 | • |
| Croydon ... ... | 1021.2 | 0 | N | 3 | bc | 38 | 97 | 7 | 2500 | Cu | 3 | - | 3 | 0 |
| Clacton-on-Sea ... | 1021.6 | -1 | NE | 1 | b | 38 | 85 | 8 | 7200 | StCu | 1 | ACu | 4 | 0 |
| Shoeburyness ... ... | 1021.3 | 0 | N | 4 | bc | 41 | 92 | 7 | 4000 | Cu | 9 | - | 9 | • |
| Grain ... ... ... | 1020.5 | -1 | N'E | 2 | odd | 40 | 97 | 6 | 800 | Nb | 9 | - | 9 | • |
| Lympne ... ... | | | | | | | | | | | | | | |
| Scilly (St. Mary's) ... | 1021.3 | 0 | E | 2 | c | 48 | 92 | 7 | 4000 | StCu | 7 | - | 7 | 4 |
| Falmouth (Pendennis) | 1021.8 | 0 | NNE | 3 | bc | 42 | 92 | 7 | 4000 | Cu | 6 | - | 6 | 1 |
| Plymouth (Cattewater) | 1021.8 | 0 | NE | 1 | b | 39 | 92 | 6 | 4000 | StCu | 1 | - | 1 | 0 |
| Portland Bill ... ... | 1020.6 | -1 | NE | 4 | b+ | 44 | 85 | 7 | - | - | 0 | ACu | 3 | 0 |
| Southampton (Calshot) | 1021.8 | -1 | N'W | 3 | bc+ | 41 | 92 | 6 | 5700 | StCu | 6 | - | 6 | 3 |
| Dungeness ... ... | 1020.3 | -1 | NNE | 2 | c | 41 | 97 | 8 | - | - | 0 | ASr | 8 | 3 |
| Jersey ·7h } ... ... | 1019.6 | 0 | E | 3 | 0 | 45 | 85 | 8 | 4000 | StCu | 10 | - | 10 | 2 |
| Guernsey 1h } | | | | | | | | | | | | | | |

**WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 24th October**

| Stations | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 23h.-24h. °F. | Temperature. Max. Day. 24h. °F. | Rainfall.† Night 17h.-9h. 23h.-24h. mm. | Rainfall.† Day 9h.-17h. 24h. mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. 24h. hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | c. | bcp | 41 | 48 | 1 | 0·2 | | 1·4 |
| Montrose ... ... | * | * | 40 | 49 | - | - | | 0·4 |
| Llandudno ... ... | 0 | 0 | 39 | 50 | - | - | | 0·0 |
| Colwyn Bay ... | C | C | 44 | 49 | - | - | | 0·0 |
| Rhyl... ... ... | 0 | 0 | 41 | 50 | - | - | | 0·0 |
| Southport ... ... | oc.bc | bc.co | 41 | 50 | - | - | | 1·6 |
| Blackpool ... ... | 0 c. | 0 | 40 | 51 | - | - | | 0·5 |
| Harrogate ... ... | c | c | 39 | 47 | 0·2 | - | | 0·0 |
| Skegness ... ... | orrcbc | bco | 40 | 50 | 1 | - | | 2·7 |
| Aberystwyth ... | 0 | 0 | 39 | 49 | - | - | | 0·5 |
| Bath ... ... | mbc.b | b.bcco | 31 | 51 | - | - | | 3·6 |
| Leamington Spa ... | c | c.bo | 38 | 50 | - | - | | 2·7 |
| Lowestoft ... ... | b | b | 45 | 51 | 1 | - | | 6·9 |
| Felixstowe ... ... | bc | bz | 40 | 52 | - | - | | 6·5 |
| Southend ... ... | bc.b | b.bc | 39 | 52 | - | - | | 6·2 |

| Stations | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 23h.-24h. °F. | Temperature. Max. Day. 24h. °F. | Rainfall.† Night 17h.-9h. 23h.-24h. mm. | Rainfall.† Day 9h.-17h. 24h. mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. 24h. hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton ... ... | bc.c.o | bc.c.o | 44 | 51 | - | - | | 3·3 |
| Ilfracombe ... ... | c.bc | c.bc.c.o | 44 | 51 | - | - | | 2·8 |
| Bude ... ... | co | cco | 39 | 50 | - | - | | 1·6 |
| Penzance ... ... | b.bc | bc c | 41 | 53 | - | - | | 6·2 |
| Falmouth Observatory | b.by | bc.oz | 39 | 54 | - | - | | 5·5 |
| Torquay ... ... | b | bc.co | 43 | 52 | - | - | | 3·2 |
| Weymouth ... ... | b.bc | bc.b | 38 | 54 | - | - | | 6·2 |
| Bournemouth ... | b | b | 35 | 53 | - | - | | 8·5 |
| Portsmouth (S'thsea) | b | b | 40 | 53 | - | - | | 6·9 |
| Worthing ... ... | b.bc | bc | 40 | 53 | - | - | | 6·4 |
| Brighton ... ... | bc.b | c.bc | 41 | 56 | - | - | | 4·7 |
| Eastbourne ... ... | † | bc | 40 | 54 | - | - | | 3·0 |
| Hastings ... ... | c bc | c bc | 44 | 52 | 4 | 1 | | 2·7 |
| Folkestone ... ... | co bc | bc c | 38 | 54 | - | - | | 4·3 |
| Tunbridge Wells ... | bc.b | b.bc.c | 45 | 54 | 1 | 1 | | 2·0 |
| Ramsgate ... ... | c.bc | c | 46 | 51 | 1 | - | | 3·4 |
| Margate ... ... | oqrc | bc.cbc | 46 | 52 | 5 | 1 | | 1·4 |
| Deal ... ... ... | | | | | | | | |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22253 THURSDAY, 26TH OCTOBER 1922. 

Observations at 1300 G.M.T. 25

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1024·2 | 0 | NNE | 1 | c | 44 | 65 | 7 | 5700 | Cu | 4 | ACu | 6 | * |
| Stornoway | 1024·2 | 0 | E | 2 | b | 48 | 75 | 7 | – | – | 0 | – | 0 | * |
| Wick | 1024·6 | 0 | WNW | 1 | bc | 47 | 75 | 9 | 5700 | Cu | 4 | – | 4 | * |
| Castlebay | 1023·4 | 0 | SW | 4 | $o_or_o$ | 47 | 85 | 6 | 800 | St | 10 | – | 10 | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1025·2 | -1 | N | 1 | b | 47 | 75 | 8 | 4000 | StCu | 2 | – | 2 | * |
| Malin Head | 1022·9 | 0 | SSE | 4 | o | 47 | 85 | 6 | 5700 | StCu | 10 | – | 10 | * |
| Renfrew | 1025·3 | -2 | – | 0 | ffb | 32 | 92 | 2 | – | – | 0 | – | 0 | * |
| Edinburgh (Inchkeith) | 1024·6 | -2 | – | 0 | b/f | 46 | 65 | 7 | – | Cu | 2 | – | 2 | * |
| Leuchars | 1024·9 | -1 | – | 0 | o/f | 49 | 65 | 8 | 5700 | StCu | 2 | Ci St | 3 | * |
| Eskdalemuir | 1025·2 | +2 | ENE | 2 | o | 43 | 85 | 8 | 2500 | StCu | 9 | – | 9 | * |
| Tynemouth | 1024·3 | 0 | NNW | 1 | bc/r | 45 | 85 | 8 | 4000 | CuNb | 3 | CiCu | 6 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1023·8 | 0 | ESE | 3 | o | 47 | 75 | 8 | 4000 | StCu | 10 | – | 10 | * |
| Birr Castle | 1021·8 | * | SW | 1 | o | 47 | 75 | 6 | 450 | St | 10 | – | 10 | * |
| Collinstown | Observations ceased | | | | | | | | | | | | | * |
| Holyhead | 1023·5 | -1 | ES | 1 | bc | 52 | 65 | 8 | 4000 | Cu | 2 | ACu | 6 | * |
| Liverpool (Bidston) | 1023·0 | -1 | – | 0 | bc+ | 47 | 65 | 4 | 1500 | CuNb | 6 | – | 6 | * |
| Chester (Shotwick) | 1023·2 | -2 | NNE | 1 | bc | 47 | 75 | 4 | 4000 | Cu | 6 | – | 6 | * |
| Spurn Head | 1022·6 | 0 | N'E | 4 | bc | 51 | 92 | 8 | 4000 | Cu | 5 | – | 5 | * |
| Nottingham | 1022·2 | * | NE | 2 | o+ | 47 | 75 | 7 | 2500 | StCu | 9 | ACu | 10 | * |
| Cranwell | 1022·7 | -2 | NNE | 3 | bc+ | 49 | 75 | 7 | 2500 | Cu | 5 | – | 5 | * |
| Gorleston | 1021·6 | 0 | ESE | 3 | c+ | 49 | 65 | 7 | 4000 | CuNb | 7 | – | 7 | * |
| Valencia (Cahirciveen) | 1018·1 | -2 | ESE | 2 | bc | 51 | 85 | 9 | * | - | 0 | ACu | 5 | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1022·1 | 0 | ENE | 3 | bc- | 50 | 55 | 7 | 4000 | StCu | 5 | – | 5 | * |
| Ross-on-Wye | 1022·0 | -3 | NE | 2 | bc | 49 | 65 | 6 | 4000 | Cu | 5 | – | 5 | * |
| Benson | 1021·2 | -2 | NE | 3 | bc- | 50 | 65 | 8 | – | Cu | 5 | – | 5 | * |
| Andover | 1021·3 | -1 | NE | 3 | bc- | 47 | 65 | 8 | 4000 | Cu | 5 | – | 5 | * |
| S. Farnborough | 1021·1 | -1 | NE | 2 | bc | 48 | 65 | 7 | 4000 | Cu | 5 | – | 5 | * |
| London (Kew Obsy.) | 1020·9 | -2 | NE | 3 | bc | 49 | 65 | 6 | 4000 | Cu | 6 | – | 6 | * |
| Croydon | 1020·9 | -2 | NE'E | 3 | c | 47 | 65 | 6 | 4000 | Cu | 8 | – | 8 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | 1021·2 | -1 | NE | 1 | $cd_o$ | 49 | 75 | 7 | 2500 | StCu | 8 | – | 8 | * |
| Grain | 1020·3 | -2 | ENE | 3 | o/p | 47 | 85 | 8 | 4000 | StCu | 9 | – | 9 | * |
| Lympne | 1019·9 | -2 | NE | 3 | bc | 48 | 75 | 7 | 2500 | CuNb | 4 | CiCu | 5 | * |
| Scilly (St. Mary's) | | | | | | | | | | | | | | * |
| Falmouth (Pendennis) | 1021·4 | -1 | E | 4 | bc | 51 | 75 | 7 | 4000 | Cu | 6 | – | 6 | * |
| Plymouth (Cattewater) | 1021·2 | +1 | NE | 3 | bc | 49 | 65 | 8 | 5700 | StCu | 6 | – | 6 | * |
| Portland Bill | 1020·6 | 0 | NNE | 4 | bc+ | 48 | 85 | 7 | – | – | 0 | ACu | 6 | * |
| Southampton (Calshot) | 1021·3 | -2 | NNE | 4 | bc+ | 50 | 65 | 7 | 2500 | StCu | 6 | – | 6 | * |
| Dungeness | 1020·0 | -1 | E | 2 | bc- | 50 | 75 | 8 | 4000 | Cu | 3 | ACu | 6 | * |
| Jersey | 1019·3 | 0 | ENE | 3 | o | 50 | 85 | 8 | 4000 | StCu | 10 | · | 10 | * |

Observations at 1800 G.M.T. 25

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1024·1 | -1 | NNW | 1 | bc | 40 | 85 | 4 | 5700 | StCu | 2 | ASt | 4 | 0 |
| Stornoway | 1023·1 | -1 | · | 0 | b | 35 | 94 | 4 | · | · | 0 | · | 0 | 0 |
| Wick | 1023·8 | -1 | WNW | 1 | bc | 39 | 92 | 8 | 2500 | CuNb | 3 | Ci | 5 | 0 |
| Castlebay | 1022·3 | 0 | E | 3 | bc· | 48 | 45 | 4 | 2500 | StCu | 6 | · | 6 | 3 |
| Nairn | 1023·9 | * | · | 0 | b | 38 | 85 | 8 | 4000 | Cu | 2 | · | 2 | * |
| Aberdeen | 1024·6 | 0 | N | 2 | o+ | 43 | 92 | 4 | 4000 | StCu | 10 | · | 10 | 0 |
| Malin Head | 1021·4 | -2 | SE | 4 | o | 45 | 85 | 6 | 5700 | StCu | 10 | – | 10 | 1 |
| Renfrew | 1023·8 | 0 | · | 0 | ffb | 35 | 92 | 2 | · | · | 0 | · | 0 | * |
| Edinburgh (Inchkeith) | 1024·1 | -1 | SW | 1 | b | 43 | 85 | 8 | * | St | 1 | · | 1 | 1 |
| Leuchars | 1024·0 | -1 | – | 0 | b- | 33 | 97 | 8 | – | – | – | Ci | 1 | * |
| Eskdalemuir | 1024·4 | -1 | N | 1 | o | 39 | 85 | 7 | 2500 | StCu | 10 | · | 10 | * |
| Tynemouth | 1024·1 | -1 | W | 1 | bcjp | 43 | 85 | 6 | 4000 | CuNb | 4 | – | 4 | 0 |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1022·4 | -1 | SE | 1 | o | 47 | 75 | 8 | 4000 | StCu | 10 | – | 10 | 0 |
| Birr Castle | 1020·3 | * | SSE | 2 | o | 47 | 75 | 5 | 450 | St | 10 | – | 10 | * |
| Collinstown | | | | | | | | | | | | | | * |
| Holyhead | 1022·2 | -1 | ENE | 3 | bc | 47 | 85 | 8 | 4000 | Cu | 2 | ACu | 6 | 1 |
| Liverpool (Bidston) | 1022·7 | +1 | ENE | 2 | o | 46 | 75 | 3 | 2500 | St | 10 | · | 10 | 2 |
| Chester (Shotwick) | 1022·4 | 0 | ENE | 1 | o+ | 42 | 85 | 4 | 5700 | StCu | 7 | ACu | 9 | * |
| Spurn Head | 1022·4 | 0 | NE | 3 | bc | 45 | 92 | 8 | 1500 | CuNb | 4 | – | 4 | 3 |
| Nottingham | 1022·3 | * | ENE | 2 | c- | 44 | 92 | 6 | 2500 | StCu | 6 | ACu | 8 | * |
| Cranwell | 1023·3 | 0 | NNE | 3 | bc | 41 | 92 | 7 | 4000 | StCu | 5 | · | 5 | * |
| Gorleston | 1022·0 | 0 | E'N | 3 | b- | 46 | 75 | 7 | 4000 | Cu | 3 | · | 3 | 0 |
| Valencia (Cahirciveen) | 1017·1 | 0 | SE'E | 1 | o+ | 48 | 92 | 8 | * | StCu | 10 | · | 10 | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1021·1 | -2 | ENE | 3 | c+ | 48 | 65 | 7 | 4000 | StCu | 8 | · | 8 | 3 |
| Ross-on-Wye | 1021·9 | 0 | · | 0 | b- | 41 | 85 | 6 | 1500 | St | 1 | · | 1 | * |
| Benson | 1021·2 | +1 | – | 0 | b | 38 | 92 | 7 | 4000 | St | 2 | – | 2 | * |
| Andover | 1021·2 | 0 | NNE | 2 | b | 39 | 85 | 8 | – | – | 0 | – | 0 | * |
| S. Farnborough | 1021·0 | +1 | - | 0 | mb+ | 42 | 85 | 6 | - | - | 0 | · | 0 | * |
| London (Kew Obsy.) | 1021·4 | +2 | NE'E | 2 | m/b | 46 | 75 | 5 | – | – | 0 | – | 0 | * |
| Croydon | 1021·4 | +1 | NE'E | 2 | b- | 43 | 85 | 4 | – | – | 0 | – | 0 | * |
| Clacton-on-Sea | 1020·9 | +1 | NE | 2 | b- | 45 | 75 | 4 | 2500 | Cu | 2 | – | 2 | 0 |
| Shoeburyness | 1021·2 | 0 | – | 0 | b- | 39 | 75 | 7 | – | – | 0 | – | 0 | * |
| Grain | 1020·9 | +3 | NE | 4 | b- | 47 | 75 | 7 | 4000 | St | 1 | – | 1 | 0 |
| Lympne | 1020·9 | +1 | NNE | 3 | b | 36 | 85 | 6 | 2500 | Cu | 1 | – | 1 | * |
| Scilly (St. Mary's) | | | | | | | | | | | | | | * |
| Falmouth (Pendennis) | 1020·5 | -1 | E | 4 | c+ | 48 | 85 | 7 | 4000 | StCu | 8 | – | 8 | 1 |
| Plymouth (Cattewater) | 1020·7 | 0 | – | 0 | b- | 45 | 75 | 7 | 4000 | StCu | 1 | – | 1 | 0 |
| Portland Bill | 1020·6 | 0 | NE | 4 | b- | 46 | 75 | 7 | – | – | 0 | CiCu | 2 | 3 |
| Southampton (Calshot) | 1020·9 | 0 | N | 2 | b- | 45 | 75 | 6 | 4000 | StCu | 1 | - | 1 | 0 |
| Dungeness | 1019·4 | 0 | E | 4 | b- | 45 | 75 | 7 | – | – | 0 | CiCu | 2 | 3 |
| Jersey | 1018·6 | 0 | NE | 3 | c- | 47 | 85 | 7 | 4000 | StCu | 7 | · | 7 | 3 |

LONDON OBSERVATIONS. (Weather, Temperature, Rainfall: 24 HOURS ENDED 0900 G.M.T. 26. Sunshine and Humidity 15h.: YESTERDAY. Humidity 9h.: TO-DAY.)

| Stations | Weather Morning | Weather Afternoon | Weather Night | Temp. Max. °F. | Temp. Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew } 24 hours ended 0700 | bmw.bz | c.o.b$p_o$d | bmwfr | * | * | 22 | - | - | 5·0 | * | * |
| Croydon } 24 hours ended 0700 | c.bcmz | c.o$p_o$$d_o$ | bmxF | * | * | 19 | Tr | - | 3·7 | * | * |
| Greenwich (Royal Obsy.) | bc | ocd | bxmf | 51 | 24 | 20 | - | - | 4·4 | 71 | 93 |
| City (Bunhill Row) | * | * | * | * | * | * | * | * | 3·8 | * | * |
| Westminster (St. James' Pk.) | * | * | * | 51 | 29 | 25 | - | - | 4·3 | 64 | 92 |
| Regent's Pk. (Botanic Gdns). | * | * | * | * | * | * | * | * | 4·2 | * | * |
| Camden Square | b | b | * | 52 | 30 | 26 | - | - | * | * | 94 |
| Kensington Palace | c.o | o | * | 50 | 29 | 21 | - | - | * | 81 (18h) | 94 |
| Hampstead Observatory | * | * | * | 48 | 33 | 25 | - | - | 5·1 | * | 44 |

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 25

| South Kensington Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

| Kew Observatory Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1·0 | 1900 24th 0900 25th | 0·3 | 0600 25th |

SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate ..............Milliwatts.

Maximum Rate ..............Milliwatts.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 25 17 h. 45 m. to 26 5 h. 45 m.

| Stars. | Exposure. h. m. | Record. h. m. | Record % |
|---|---|---|---|
| Polaris | 12 0 | 12 0 | 100 |
| δ Ursae Minoris | 12 0 | 12 0 | 100 |

RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | - | - | - | - |
| 18h. | - | - | - | - |
| 01h. | - | - | - | - |
| 07h. | - | - | - | - |

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

26th & 27th Oct, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6.39<br>6.41 | 11.37<br>11.37 | 4.35<br>4.33 |
| Greenwich | 6.44<br>6.46 | 11.44<br>11.44 | 4.44<br>4.42 |
| Wick | 7.14<br>7.17 | 11.56<br>11.56 | 4.37<br>4.35 |
| Valencia | 7.26<br>7.28 | 12.25<br>12.25 | 5.24<br>5.22 |

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail":

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—

R = heavy rain.
rr = continuous moderate rain.
$r_or_o$ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

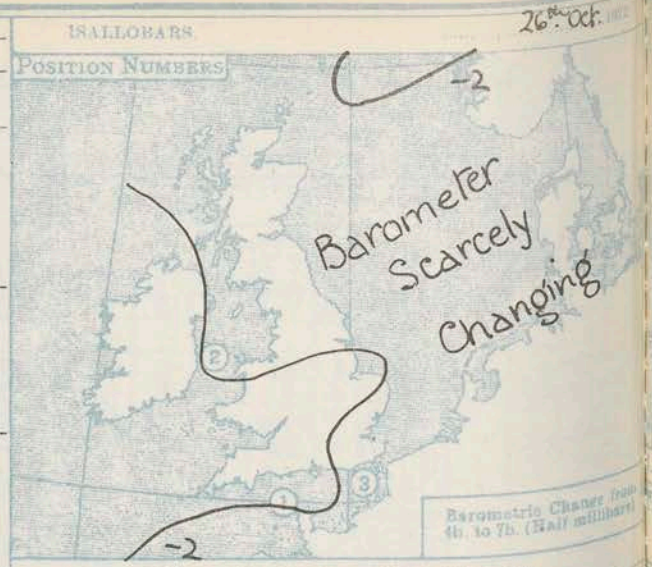
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 25 | 13h.-18h. 25 | 18h. 25 to 1h. 26 | 1h.-7h. 26 | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL.† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | c | bc | bc | bc | 44 | 35 | * | - | Trace | - | <21.00 | * |
| Stornoway ... ... | borbc | b-bc | b.bc | b | 48 | 28 | * | - | - | - | - | 4.0 |
| Wick ... ... ... | borbc | b-bc | op.c | c.op | 48 | 35 | * | - | 3 | - | <21.00 | * |
| Castlebay ... ... | ororc | roc | c.o | op.c | 48 | 44 | * | 0.3 | 0.6 | - | - | 0.0 |
| Nairn ... ... ... | b | b | bxm | mo | 44 | 24 | * | - | - | - | - | 8.6 |
| Aberdeen ... ... | borbc | bcco | o.bcm | bmw | 50 | 34 | 29 | - | - | - | - | 6.8 |
| Malin Head ... ... | com | com | c.om | c.off.b | 44 | 41 | * | - | - | - | - | 0.0 |
| Renfrew ... ... | bftx | bfx | b | bfFx | 41 | 26 | 18 | - | - | - | - | 0.0 |
| Edinburgh(Inchkeith) | b | b | ir | mzoir | 50 | 41 | 30 | - | 0.4 | - | - | 8.8 |
| Leuchars ... ... | borbc | b-bc | b.bc | b.bc | 49 | 32 | 18 | - | - | - | - | 4.9 |
| Eskdalemuir ... ... | bcxco | dco | o | o.of | 45 | 31 | 30 | - | - | - | - | 2.8 |
| Tynemouth ... ... | cp | p | bcm | bcm | 48 | 36 | 30 | Trace | Trace | 11.00 | <21.00 | * |
| Blacksod Point ... | | | | | | | * | | | | | * |
| Donaghadee ... ... | co | o | c | op | 48 | 44 | * | - | Trace | - | 04.30 | * |
| Birr Castle ... ... | coz | coz | c.oz | c.oz | 47 | 43 | 36 | - | - | - | - | * |
| Collinstown ... ... | | | | | | | | | | | | |
| Holyhead ... ... | ocbc | bccbc | bc.b.o.b | b.bc | 53 | 39 | 34 | - | - | - | - | 2.1 |
| Liverpool (Bidston)... | obcbm | f.m | omf | | 49 | 39 | 35 | - | - | - | - | 0.9 |
| Chester (Shotwick) ... | ocbcbm | bbccm | o.bc.cm | c.oxff | 49 | 35 | 23 | - | - | - | - | * |
| Spurn Head ... ... | borbc | b.bc | b.bc | b.bc | 51 | 42 | * | 0.1 | 0.4 | <0800 | 24.00 | 3.9 |
| Nottingham ... ... | b | p | bm | b.bcm | 48 | 33 | 29 | Trace | - | 1530 | - | 4.5 |
| Cranwell ... ... | borbcm | bcbc | b.bc.c | c.bco | 51 | 30 | 26 | - | - | - | - | 6.5 |
| Gorleston ... ... | cbcc | bbcc | b.bc.c | oir c | 51 | 42 | 36 | 1 | Trace | <0800 | 24.00 | 6.5 |
| Valencia (Cahirciveen) | bc | o | o | | | | | | | | | |
| Roches Point ... ... | | | | | | | * | | | | | * |
| Pembroke (St.Ann's H.) | c | c | oo | oiz | 51 | 42 | * | - | - | - | - | 4.3 |
| Ross-on-Wye ... ... | ombc | bzcocbm | bmw | bmixFFe | 49 | 24 | 22 | - | Trace | - | - | 4.8 |
| Benson... ... ... | ocbc | bcb | b | bfx | 52 | 25 | 19 | - | - | - | - | * |
| Andover ... ... | ocbc | bcb | b | b.bxff | 50 | 23 | 19 | - | - | - | - | 6.5 |
| S. Farnborough ... | oo | bczbcbm | bm | b.offx | 50 | 24 | 21 | - | - | - | - | 5.0 |
| London (Kew Obsy.)... | bmwbz | ozbm | bmw.bFw | oFFx | 50 | 28 | 22 | - | - | - | - | 5.0 |
| Croydon ... ... | cbcmz | cobpoz | bm | bmixF | 50 | 25 | 19 | Trace | - | 1430 | - | 3.4 |
| Clacton-on-Sea .. | bcc | cbcbm | bm | bm.bc | 51 | 35 | 29 | - | - | - | - | 4.1 |
| Shoeburyness ... ... | rord | cidbcb | b | bmx | 51 | 30 | 26 | Trace | - | 1230 | - | 6.6 |
| Grain ... ... ... | bcco | opcb | b | bmx | 48 | 25 | 18 | Trace | - | 1330 | - | 5.1 |
| Lympne ... ... | ocbcd | bcbm | b.bc | b.bc | 49 | 29 | 15 | 0.3 | - | <0800 | - | 5.1 |
| Scilly (St. Mary's) ... | | | | | | | * | | | | | |
| Falmouth (Pendennis) | bcm | bccm | | om | 51 | 44 | * | - | - | - | - | 6.9 |
| Plymouth(Cattewater) | borbc | cbcb | | | | | | - | | - | | |
| Portland Bill ... .. | c | cbc | b.bc | b.bc | 51 | 40 | * | - | - | - | - | * |
| Southampton(Calshot) | c | b-bc | b.bc | b.bc.c | 51 | 34 | 29 | - | - | - | - | 5.5 |
| Dungeness . . | c | b-bc | b.bc | bx | 50 | 33 | | - | - | - | - | * |
| Jersey .. | obco | oc | p | o.bwx | 51 | 32 | * | - | - | - | - | 0.8 |




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. | Visibility. |
|---|---|---|---|---|---|---|---|---|
| 2 | 25th 1000 | Scotia | ESE | 3 | 09 | 49 | 53 | 5 |
| 3 | 26th 0300 | Dieppe | NE | 2 | 6 | 43 | 54 | 4 |

GENERAL INFERENCE.

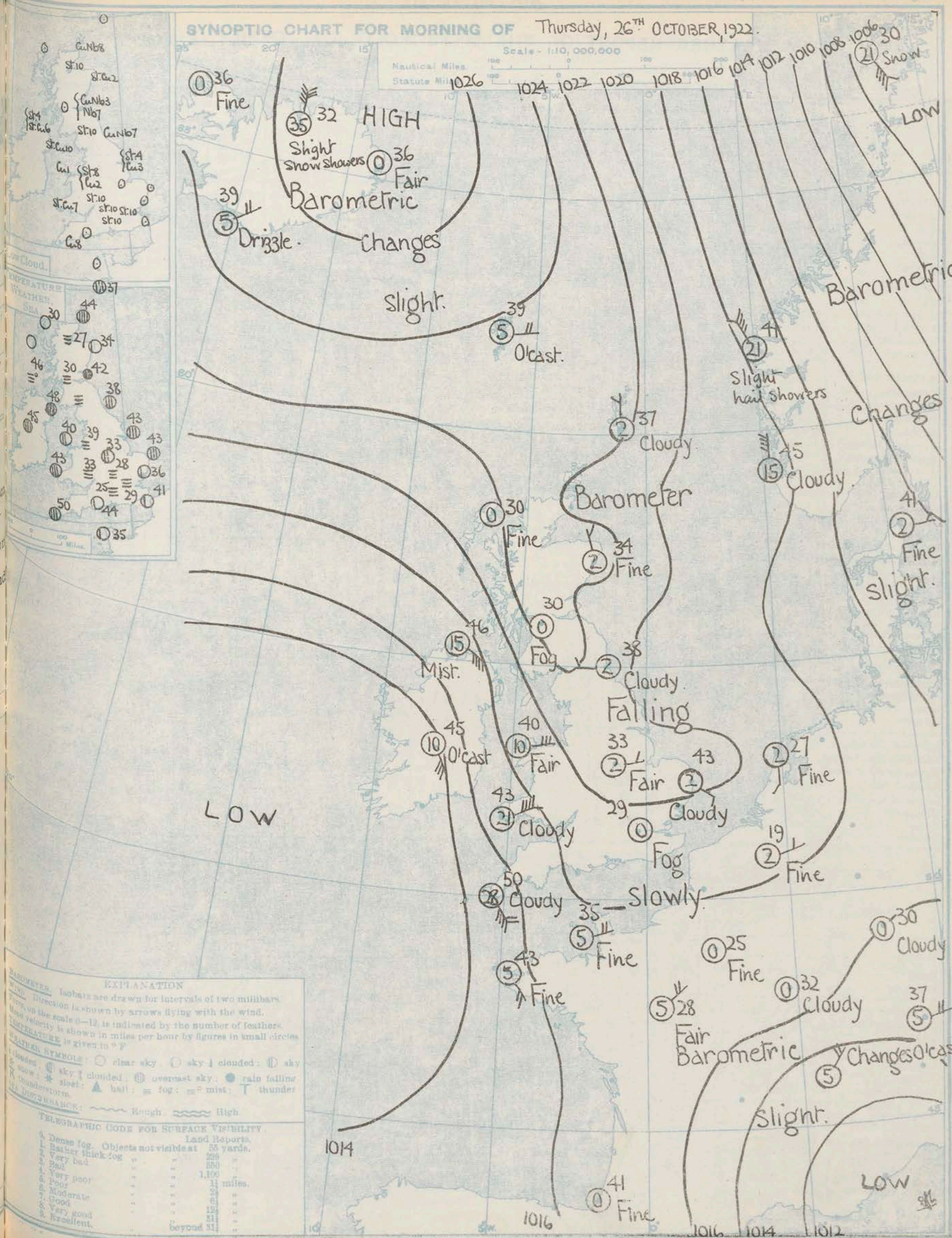
The anticyclone still extends from Iceland to Holland and winds will remain moderate or light. Some local rain or drizzle is likely on the north eastern coasts of England and east coast of Scotland but elsewhere the weather will be fair with frost inland at night and morning mist or fog.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 26th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands | Light or moderate winds, mainly from Northeast and East; fair; mist or fog at night; rather cold; frost in most places at night. | Fair and rather cold for more than 24 hours. |
| 10. N.E. England<br>11. E. Scotland | Light N. or N.E. winds; cloudy, local rain or drizzle; visibility moderate or good; cold. | |
| 12. S.W. Scotland<br>13. Isle of Man<br>14. N.& N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | As Nos. 1 - 9. | |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Moderate S.E. or E. winds, mainly cloudy; visibility good during the day, but some mist at night; rather cold. | |

SVN



† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

AIR MINISTRY.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Thursday 26th October 1922. No. 299.

Observations at 0100 G.M.T.

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0–12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0–9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0–10 | Cloud Upper Form. | Cloud Total Amt. 0–10 | Sea. 0–9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1022.4 | 0 | - | 0 | o | 39 | 85 | 4 | - | - | 0 | A St | 10 | * |
| Stornoway | 1022.4 | -1 | NE | 1 | b | * | * | 6 | * | * | * | * | * | * |
| Wick | 1023.6 | 0 | W | 1 | c/r | 39 | 92 | 9 | 4000 | Cu Nb | 6 | Ci | 4 | * |
| Castlebay | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head | 1019.5 | -2 | SE | 4 | o | 44 | 85 | 6 | 3400 | St Cu | 10 | - | 10 | * |
| Renfrew | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1023.2 | 0 | NW | 1 | imc | 41 | 92 | 6 | * | St Cu | 8 | - | 8 | * |
| Leuchars | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth | 1023.4 | 0 | NW | 1 | b | 39 | 85 | 4 | - | - | 0 | - | 0 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Collinstown | Observations ceased:— | | | | | | | | | | | | | * |
| Holyhead | 1020.8 | -1 | E'S | 3 | b | 43 | 85 | 4 | - | - | 0 | - | 0 | * |
| Liverpool (Bidston) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head | 1022.5 | 0 | E | 1 | b | 45 | 45 | 4 | 2500 | St | 3 | - | 3 | * |
| Nottingham | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell | 1022.4 | -1 | N | 2 | c+ | 36 | 94 | 4 | 2500 | St | 3 | Ci St | 4 | * |
| Gorleston | 1021.0 | 0 | NE | 3 | or r | 44 | 45 | 4 | 4000 | Nb | 10 | - | 10 | * |
| Valencia (Cahirciveen) | 1013.5 | -3 | SE | 2 | o/r | 48 | 94 | 4 | * | St | 9 | - | 9 | * |
| Roches Point | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Ann's H.) | 1019.4 | -2 | ENE | 3 | o | 44 | 45 | 4 | 4000 | St Cu | 10 | - | 10 | * |
| Ross-on-Wye | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.) | * | * | * | * | * | 34 | * | * | * | * | * | * | * | * |
| Croydon | 1021.3 | 0 | - | 0 | b | 29 | 94 | 4 | - | - | 0 | - | 0 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Grain | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne | 1020.2 | 0 | N | 2 | b | 34 | 92 | 4 | - | - | 0 | - | 0 | * |
| Scilly (St. Mary's) | | | | | | | | | | | | | | * |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Portland Bill | 1020.6 | 0 | NE | 2 | b | 43 | 85 | 4 | - | - | 0 | Ci Cu | 2 | * |
| Southampton (Calshot) | 1020.6 | 0 | N | 3 | b | 34 | 92 | 6 | - | - | 0 | - | 0 | * |
| Dungeness | 1020.1 | -1 | E | 3 | b | 41 | 92 | 8 | - | - | 0 | - | 0 | * |
| Jersey 7h / Guernsey 1h | 1019.3 | -1 | E | 4 | cr̥ | 44 | 85 | 8 | 5400 | St Cu | 8 | - | 8 | * |

Observations at 0700 G.M.T.

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0–12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0–9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0–10 | Cloud Upper Form. | Cloud Total Amt. 0–10 | Sea. 0–9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1022.1 | -2 | N | 1 | bc. | 34 | 85 | 4 | - | - | 0 | A St | 6 | 0 |
| Stornoway | 1020.8 | 0 | - | 0 | b. | 30 | 92 | 4 | - | - | 0 | - | 0 | 0 |
| Wick | 1021.8 | -1 | ESE | 1 | o | 44 | 75 | 9 | 2500 | Cu Nb | 8 | A St | 10 | 0 |
| Castlebay | 1019.6 | 0 | E | 3 | c | 46 | 45 | 4 | 1500 | St Cu | 4 | - | 4 | 4 |
| Nairn | 1022.1 | * | - | 0 | ffo | 24 | 45 | 2 | 1500 | St | 10 | - | 10 | * |
| Aberdeen | 1022.6 | -1 | N'W | 1 | ffb | 34 | 94 | 3 | 4000 | St Cu | 2 | - | 2 | 0 |
| Malin Head | 1014.0 | -3 | SE'S | 4 | mmo | 46 | 85 | 5 | 2500 | St Cu | 10 | - | 10 | 2 |
| Renfrew | 1021.6 | -1 | - | 0 | ffb | 30 | 92 | 2 | - | - | 0 | - | 0 | * |
| Edinburgh (Inchkeith) | 1021.4 | -2 | NE | 1 | or | 42 | 85 | 8 | * | Nb | 10 | - | 10 | 1 |
| Leuchars | 1021.3 | -1 | - | 0 | o | 36 | 92 | 6 | 1500 | St | 10 | - | 10 | * |
| Eskdalemuir | 1022.1 | +1 | - | 0 | ffo | 35 | 94 | 2 | <150 | St | 10 | - | 10 | * |
| Tynemouth | 1021.1 | -1 | W | 1 | ffc+ | 38 | 92 | 6 | 4000 | Cu Nb | 4 | - | 4 | 0 |
| Blacksod Point | 1020.3 | -2 | SSE | 3 | o+ | 48 | 45 | 8 | 4000 | St Cu | 10 | - | 10 | 3 |
| Donaghadee | 1015.6 | * | SSE | 3 | o+ | 45 | 45 | 5 | 2500 | St Cu | 9 | - | 9 | * |
| Birr Castle | | | | | | | | | | | | | | * |
| Collinstown | 1018.6 | -1 | E | 3 | bc+ | 40 | 94 | 8 | 2500 | Cu | 1 | A Cu | 5 | 0 |
| Holyhead | 1019.8 | -2 | E'S | 2 | fo- | 39 | 92 | 1 | 1500 | St | 10 | - | 10 | 2 |
| Liverpool (Bidston) | 1019.8 | -2 | E | 2 | fo- | 35 | 94 | 3 | 4000 | St Cu | 9 | - | 9 | * |
| Chester (Shotwick) | | | | | | | | | | | | | | |
| Spurn Head | 1020.0 | -2 | NNW | 3 | c | 43 | 92 | 4 | 1500 | St | 4 | - | 4 | 3 |
| Nottingham | 1020.4 | * | E | 1 | bc+ | 33 | 94 | 4 | - | - | 0 | Ci | 4 | * |
| Cranwell | 1021.0 | -2 | N'E | 2 | c | 31 | 94 | 5 | 2500 | St Cu | 2 | Ci | 4 | * |
| Gorleston | 1020.5 | -1 | E'S | 1 | c+ | 43 | 92 | 6 | - | - | 0 | A Cu | 8 | 0 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1016.4 | -3 | ENE | 5 | c· | 43 | 92 | 6 | 4000 | St Cu | 4 | - | 4 | 3 |
| Ross-on-Wye | 1019.6 | -3 | ENE | 1 | FFo | 33 | 94 | 0 | <150 | St | 1 | - | 10 | * |
| Benson | 1019.4 | -2 | NE | 1 | FFb | 28 | 94 | 1 | * | - | 0 | - | 0 | * |
| Andover | 1019.3 | -2 | - | 0 | FFb | 23 | 94 | 1 | - | - | 0 | Ci | 2 | * |
| S. Farnborough | 1019.4 | -2 | - | 0 | FFo | 25 | 94 | 1 | 220 | St | 10 | - | 10 | * |
| London (Kew Obsy.) | 1019.4 | -2 | - | 0 | FFo | 29 | 94 | 0 | <150 | St | 10 | - | 10 | * |
| Croydon | 1019.9 | -1 | S'W | 1 | FFo | 25 | 94 | 1 | <150 | St | 10 | - | 10 | * |
| Clacton-on-Sea | 1019.3 | -2 | NNE | 2 | b | 36 | 92 | 4 | - | - | 0 | A St | 3 | 1 |
| Shoeburyness | 1019.5 | -1 | NW | 1 | mp. | 32 | 85 | 5 | - | - | 0 | Ci St | 3 | * |
| Grain | 1019.5 | -2 | W | 3 | b | 24 | 94 | 4 | - | - | 0 | Ci | 3 | 0 |
| Lympne | 1019.3 | -1 | NNE | 3 | b+ | 30 | 45 | 4 | - | - | 0 | Ci | 2 | * |
| Scilly (St. Mary's) | 1014.1 | -2 | SE | 6 | c | 50 | 85 | 4 | 4000 | Cu | 8 | - | 8 | 2 |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * |
| Plymouth (Cattewater) | | | | | | | | | | | | | | * |
| Portland Bill | 1019.1 | -3 | ENE | 5 | b | 44 | 45 | 4 | - | - | 0 | Ci Cu | 2 | 5 |
| Southampton (Calshot) | ? | -3 | E | 3 | c+ | 41 | 85 | 4 | 4000 | St Cu | 1 | Ci | 8 | 0 |
| Dungeness | 1018.5 | -1 | E | 2 | b+ | 41 | 86 | 4 | - | - | 0 | Ci Cu | 3 | 3 |
| Jersey 7h / Guernsey 1h | 1016.9 | -1 | E | 2 | b | 35 | 85 | 8 | - | - | 0 | Ci | 1 | 1 |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Wed. 25th

| Stations | Weather Forenoon | Weather Afternoon | Temperature Min. Night 24-25 °F. | Temperature Max. Day 25 °F. | Rainfall.† Night 17h.–9h. 24-25 mm. | Rainfall.† Day 9h.–17h. 25 mm. | Sunshine hr. | Sunshine Sunrise to Sunset 25 hr. |
|---|---|---|---|---|---|---|---|---|
| Banff | bc.c | cbc o | 37 | 49 | 2 | – | | 6.2 |
| Montrose | | | 33 | 48 | – | – | | 6.1 |
| Llandudno | mbc | c bc | 38 | 50 | – | – | | 3.5 |
| Colwyn Bay | c bc | c | 42 | 48 | – | – | | 4.1 |
| Rhyl | bc | bc.o | 41 | 51 | – | – | | 2.0 |
| Southport | b | b.bc.cb | 37 | 49 | – | – | | 6.7 |
| Blackpool | b | bc | 36 | 52 | - | - | | 6.8 |
| Harrogate | b | b | 35 | 46 | - | - | | 3.3 |
| Skegness | c o r | bbc cb | 38 | 50 | 4 | 0.3 | | 6.3 |
| Aberystwyth | o c | o | 42 | 50 | – | – | | 0.7 |
| Bath | o bc b | b bc | 40 | 50 | – | – | | 4.7 |
| Leamington Spa | bc | bcm | 40 | 49 | – | – | | 5.1 |
| Lowestoft | b | b | 40 | 50 | 7 | – | | 7.9 |
| Felixstowe | b | b | 35 | 50 | – | – | | 7.7 |
| Southend | b | bcm | 37 | 51 | – | – | | 5.7 |

| Stations | Weather Forenoon | Weather Afternoon | Temperature Min. Night 24-25 °F. | Temperature Max. Day 25 °F. | Rainfall.† Night 17h.–9h. 24-25 mm. | Rainfall.† Day 9h.–17h. 25 mm. | Sunshine hr. | Sunshine Sunrise to Sunset 25 hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton | om | o.cbc | 37 | 50 | – | – | | 1.1 |
| Ilfracombe | o | oc | 44 | 49 | - | - | | 0.1 |
| Bude | wb | c o | 33 | 51 | – | – | | 0.4 |
| Penzance | b bc | bc.bz | 43 | 53 | – | – | | 7.3 |
| Falmouth Observatory | b.by | byb | 40 | 54 | – | = | | 7.9 |
| Torquay | c | b | 41 | 52 | - | | | 0.8 |
| Weymouth | c | bc b | 37 | 51 | – | – | | 2.0 |
| Bournemouth | bc | bc | 35 | 51 | – | - | | 4.5 |
| Portsmouth (S'thsea) | c b | b | 38 | 52 | – | – | | 5.0 |
| Worthing | c. bc | bc | 38 | 51 | – | – | | 8.4 |
| Brighton | b. bc | bc b | 37 | 51 | – | – | | 7.3 |
| Eastbourne | bc | bc om | 39 | 52 | 0.1 | – | | 5.4 |
| Hastings | | | | | | | | |
| Folkestone | bc | bc | 41 | 52 | – | – | | 6.5 |
| Tunbridge Wells | :b | bcC | 29 | 50 | – | – | | 4.3 |
| Ramsgate | bc.b | b | 40 | 52 | 6 | – | | 6.1 |
| Margate | cp | b | 41 | 52 | 9 | 1 | | 5.7 |
| Deal | bc'c | bc b | 40 | 49 | 1 | – | | 6.5 |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22,254 FRIDAY, 27th OCTOBER 1922. 

### Observations at 1300 G.M.T. 26th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1021·0 | -1 | N | 2 | bc | 42 | 65 | 7 | 4000 | Cu | 3 | ACu | 6 | * |
| Stornoway | 1020·7 | 0 | – | 0 | b+ | 48 | 75 | 7 | 4000 | Cu | 2 | – | 2 | * |
| Wick | 1021·9 | -2 | SW | 1 | c/r | 44 | 95 | 9 | 4000 | CuNb | 4 | ACu | 7 | * |
| Castlebay | 1018·6 | -1 | ESE | 4 | bc | 48 | 65 | 8 | 2500 | Cu | 6 | – | 6 | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | 1021·5 | -2 | NE'E | 2 | b | 49 | 65 | 8 | 4000 | Cu | 2 | – | 2 | * |
| Malin Head | 1015·9 | -1 | SE | 4 | o/f | 46 | 85 | 6 | 5700 | StCu | 10 | – | 10 | * |
| Renfrew | 1019·3 | -3 | E | 3 | mo- | 45 | 65 | 6 | 1500 | StCu | 10 | – | 10 | * |
| Edinburgh (Inchkeith) | 1020·1 | -2 | ESE | 1 | o- | 46 | 75 | 9 | | StCu | 9 | – | 9 | * |
| Leuchars | 1020·3 | -1 | N | 1 | or₀r₀ | 43 | 92 | 6 | 2500 | Nb | 10 | – | 10 | * |
| Eskdalemuir | 1019·4 | -2 | ENE | 4 | o | 42 | 75 | 8 | 2500 | StCu | 9 | – | 9 | * |
| Tynemouth | 1020·1 | -2 | E | 2 | o/r₀ | 44 | 92 | 6 | 4000 | CuNb | 10 | – | 10 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1017·4 | -1 | SSE | 3 | o | 48 | 75 | 8 | 4000 | StCu | 10 | – | 10 | * |
| Birr Castle | 1011·4 | * | SE | 3 | c- | 47 | | 6 | 4000 | StCu | 8 | – | 8 | * |
| Holyhead | 1015·6 | -4 | E'S | 4 | c | 49 | 75 | 8 | 2500 | Cu | 3 | Ci | 7 | * |
| Liverpool (Bidston) | 1016·5 | -4 | ESE | 2 | bc+ | 47 | 85 | 5 | 2500 | StCu | 2 | ASt | 6 | * |
| Chester (Shotwick) | 1017·0 | -4 | SE | 2 | o+ | 48 | 65 | 5 | 2500 | StCu | 9 | – | 9 | * |
| Spurn Head | 1017·5 | -3 | ENE | 3 | c | 50 | 92 | 7 | 4000 | Cu | 7 | – | 7 | * |
| Nottingham | 1017·4 | * | E | 2 | c | 47 | 75 | 7 | 2500 | StCu | 4 | ACu | 8 | * |
| Cranwell | 1018·4 | -3 | E | 1 | bc | 49 | 75 | 8 | 4000 | StCu | 4 | CiSt | 6 | * |
| Gorleston | 1019·0 | -1 | SE | 2 | c | 49 | 65 | 7 | 5700 | Cu | 7 | – | 7 | * |
| Valencia (Cahirciveen) | 1004·5 | -1 | SE | 5 | or/r | 47 | 97 | 6 | 4 | StCu | 9 | – | 9 | * |
| Roches Point | | | | | | | | | | | | | | * |
| Pembroke (St. Anu's H.) | 1013·0 | -3 | E | 5 | o | 45 | 75 | 7 | 4000 | StCu | 10 | – | 10 | * |
| Ross-on-Wye | 1016·0 | -4 | E | 3 | c+ | 48 | 75 | 7 | 4000 | Cu | 3 | Ci | 7 | * |
| Benson | 1016·7 | -3 | . | 0 | mo- | 40 | 97 | 5 | * | – | 0 | – | 0 | * |
| Andover | 1016·1 | -3 | E | 4 | c+ | 46 | 55 | 7 | – | – | 0 | CiSt | 7 | * |
| S. Farnborough | 1016·6 | -4 | E | 2 | b/f+ | 46 | 65 | 6 | – | – | 0 | Ci | 3 | * |
| London (Kew Obsy.) | 1016·5 | -4 | ESE | 3 | b/f+ | 43 | 65 | 5 | – | – | 0 | – | 0 | * |
| Croydon | 1016·7 | -5 | ESE | 3 | b/f | 48 | 55 | 6 | – | – | 0 | Ci | 2 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | 1017·1 | -3 | SE | 4 | b/f+ | 48 | 65 | 8 | – | – | 0 | Ci | 3 | * |
| Grain | 1016·7 | -4 | E | 4 | b- | 46 | 65 | 8 | – | – | 0 | Ci | 2 | * |
| Lympne | 1016·5 | -4 | E'N | 4 | bc- | 45 | 55 | 8 | – | – | 0 | CiSt | 5 | * |
| Scilly (St. Mary's) | | | | | | | | | | | | | | * |
| Falmouth (Pendennis) | 1011·2 | -6 | SE | 6 | o+ | 48 | 85 | 7 | 4000 | CuNb | 10 | – | 10 | * |
| Plymouth (Cattewater) | 1012·7 | -5 | ESE | 3 | o | 48 | 65 | 7 | 2500 | StCu | 6 | ASt | 10 | * |
| Portland Bill | 1014·1 | -5 | ENE | 5 | bc+ | 46 | 75 | 6 | 1500 | StCu | 5 | – | 5 | * |
| Southampton (Calshot) | 1015·8 | -4 | E | 4 | bc+ | 47 | 65 | 7 | – | – | 0 | ACu | 4 | * |
| Dungeness | 1017·6 | -2 | E | 3 | b | 46 | 75 | 8 | – | – | 0 | CiCu | 3 | * |
| Jersey 7h } Guernsey 1h } | 1013·1 | -4 | ENE | 3 | o | 46 | 85 | 8 | . | . | 0 | CiSt | 10 | * |

### Observations at 1800 G.M.T. 26th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1019·1 | -2 | NNW | 2 | bc | 37 | 85 | 7 | 4000 | Cu | 2 | ASt | 4 | 1 |
| Stornoway | 1019·5 | -1 | . | 0 | b- | 34 | 92 | 7 | . | . | 0 | . | 0 | 0 |
| Wick | 1019·2 | -2 | WNW | 1 | bc- | 40 | 92 | 8 | 2500 | Cu | 4 | . | 4 | 0 |
| Castlebay | 1017·3 | -1 | NE | 3 | bc+ | 47 | 65 | 6 | 1500 | StCu | 3 | ASt | 6 | 3 |
| Nairn | 1019·4 | * | . | 0 | b/f | 34 | 85 | 7 | 4000 | Cu | 3 | . | 3 | * |
| Aberdeen | 1020·0 | -1 | . | 0 | b | 38 | 85 | 6 | 2500 | Cu | 2 | . | 2 | 0 |
| Malin Head | 1014·9 | -1 | SE | 1 | o | 47 | 75 | 7 | 5700 | StCu | 10 | . | 10 | 2 |
| Renfrew | 1017·9 | -1 | ENE | 3 | o | 42 | 85 | 6 | 5700 | St | 9 | . | 9 | * |
| Edinburgh (Inchkeith) | 1018·2 | -2 | E | 1 | o/r | 44 | 85 | 8 | * | CuNb | 9 | . | 9 | 2 |
| Leuchars | 1018·7 | -1 | ENE | 2 | o/r | 42 | 85 | 8 | 2500 | StCu | 9 | . | 9 | * |
| Eskdalemuir | 1017·5 | -2 | NE'E | 3 | o | 38 | 92 | 6 | 2500 | StCu | 10 | . | 10 | * |
| Tynemouth | 1017·6 | -2 | E | 2 | bc/r₀ | 44 | 85 | 7 | 4000 | CuNb | 6 | . | 6 | 2 |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | 1015·8 | -2 | SE | 3 | o | 48 | 65 | 8 | 4000 | StCu | 10 | . | 10 | 5 |
| Birr Castle | 1010·3 | * | E | 3 | o+ | 45 | 75 | 6 | 1500 | StCu | 10 | . | 10 | * |
| Holyhead | 1013·5 | -2 | ENE | 4 | c | 45 | 92 | 7 | – | St | 5 | ASt | 7 | 2 |
| Liverpool (Bidston) | 1014·3 | -1 | E | 3 | c+ | 45 | 75 | 4 | 2500 | Cu | 3 | ASt | 7 | 4 |
| Chester (Shotwick) | 1014·4 | -3 | E | 3 | c- | 42 | 85 | 3 | 4000 | StCu | 5 | Ci | 8 | * |
| Spurn Head | 1015·4 | -2 | NE | 3 | bc/r | 44 | 92 | 7 | 4000 | CuNb | 5 | . | 5 | 3 |
| Nottingham | 1015·2 | * | E | 2 | o | 43 | 85 | 7 | 2500 | StCu | 7 | ACu | 9 | * |
| Cranwell | 1015·8 | -2 | ENE | 3 | bc | 41 | 92 | 6 | 2500 | StCu | 4 | CiSt | 6 | * |
| Gorleston | 1016·6 | -2 | E | 3 | c | 47 | 75 | 7 | 5700 | StCu | 8 | . | 8 | 0 |
| Valencia (Cahirciveen) | 1004·3 | 0 | SSE | 4 | or | 46 | 92 | 8 | * | StCu | 10 | . | 10 | * |
| Roches Point | 1011·0 | -2 | E | 6 | o | 43 | 75 | 7 | 2500 | StCu | 10 | . | 10 | 4 |
| Pembroke (St. Anu's H.) | 1013·5 | -3 | . | 0 | o⊕ | 37 | 85 | 4 | - | Ci | 9 | . | 9 | * |
| Ross-on-Wye | 1013·5 | -3 | E | 2 | bc | 38 | 75 | 6 | . | . | 0 | CiSt | 5 | * |
| Benson | 1013·2 | -3 | NE | 3 | o | 35 | 75 | 6 | . | . | 0 | CiSt | 0 | * |
| Andover | 1013·3 | -3 | NE | 2 | b+ | 38 | 75 | 6 | 4000 | StCu | 2 | . | 2 | * |
| S. Farnborough | 1013·6 | -3 | E'S | 1 | mmb | 40 | 75 | 4 | . | . | 0 | . | 0 | * |
| London (Kew Obsy.) | 1014·4 | -2 | E'S | 1 | c | 34 | 75 | 5 | . | . | 0 | Ci | 7 | * |
| Croydon | 1014·5 | -3 | ESE | 3 | bc | 47 | 65 | 7 | 2500 | Cu | 3 | ASt | 5 | 1 |
| Clacton-on-Sea | 1014·2 | -4 | E'S | 4 | b | 44 | 75 | 8 | . | . | 0 | Ci | 1 | * |
| Shoeburyness | 1014·0 | -3 | ENE | 5 | bc | 46 | 75 | 8 | - | . | 0 | Ci | 5 | 3 |
| Grain | 1013·4 | -2 | ENE | 4 | c | 39 | 65 | 8 | . | . | 0 | CiSt | 8 | * |
| Lympne | | | | | | | | | | | | | | |
| Scilly (St. Mary's) | 1006·0 | -3 | SE | 5 | orr | 44 | 97 | 6 | 800 | St | 10 | . | 10 | 3 |
| Falmouth (Pendennis) | 1008·1 | -4 | ESE | 6 | o | 47 | 85 | 7 | 4000 | CuNb | 10 | . | 10 | 4 |
| Plymouth (Cattewater) | 1010·0 | -4 | SE | 4 | bc- | 44 | 75 | 7 | 4000 | StCu | 4 | ASt | 6 | 0 |
| Portland Bill | 1010·7 | -3 | SE | 5 | o+ | 46 | 75 | 6 | 1500 | StCu | 10 | . | 10 | 5 |
| Southampton (Calshot) | 1012·6 | -2 | E | 5 | c+ | 44 | 65 | 6 | . | . | 0 | CiSt | 8 | 3 |
| Dungeness | 1012·5 | -4 | E | 4 | bc+ | 45 | 65 | 8 | . | . | 0 | Ci | 4 | 3 |
| Jersey 7h } Guernsey 1h } | 1010·4 | 0 | ENE | 3 | o | 45 | 85 | 8 | . | . | 0 | ACu | 10 | 3 |

### LONDON OBSERVATIONS.

| | Weather. Morning. | Weather. Afternoon. | Weather. Night. | Temperature. Max. °F. | Temperature. Min. °F. | Temperature. Min. on Grass. °F. | Rainfall. mm. Day. | Rainfall. mm. Night. | Sunshine to Sunset. hrs. | Humidity. 15h. G.M.T. % | Humidity. 6h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 HOURS ENDED 0000 G.M.T. 24th | | | | | | | | YESTERDAY. | | TO-DAY. |
| Kew | qfx b/mb | bzw.bq | b/w.cmx | * | * | 29 | - | - | 1·4 | * | * |
| Croydon } 24 hours ended 0700 | ox f m b | bqz.e. | bmx.o | * | * | 20 | Tr. | - | 4·9 | * | * |
| Greenwich (Royal Obsy.) | f.b | cz bx | bzx o m | 48 | 30 | 19 | - | - | 5·3 | 51 | 84 |
| City (Bunhill Row) | * | * | * | * | * | - | * | * | 1·6 | * | * |
| Westminster (St. James' Pk.) | * | * | * | 49 | 31 | 29 | - | - | 2·9 | 56 | 83 |
| Regent's Pk. (Botanic Gdns.) | * | * | * | * | * | * | * | * | 2·9 | * | * |
| Camden Square | b | bc | * | 54 | 39 | 29 | - | - | * | * | 81 |
| Kensington Palace | b | c.b | * | 44 | 34 | 26 | - | - | * | 66(184) | 84 |
| Hampstead Observatory | * | * | * | 46 | 34 | 29 | - | - | 6·2 | * | 91 |

### ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 26th

South Kensington

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1·3 | 2000 | 0·3 | 0100-0400 26th |
| 5·0 | 1100 | | |

Kew Observatory

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1·0 | 2300 25th | 0·3 | 1300 26th |
| 1·9 | 1200 26th | | |

### SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

### POLE STAR RECORD at Greenwich Obsy.

Exposure from 26th 14 h. 45 m. to 27th 5 h. 45 m.

| Stars. | Exposure. h. m. | Record. h. m. | Record. % |
|---|---|---|---|
| Polaris | 12 0 | 11 32 | 96 |
| δ Ursae Minoris | 12 0 | 8 32 | 71 |

### RADIO DISTURBANCES (Atmospherics) AT CROYDON.

| Time. | Type. | No. per 4 sec. | Strength. | Direc. |
|---|---|---|---|---|
| 12h. | Cg | 6 | – | 10° |
| 16h. | C | 6 | - | 10° |
| 01h. | C | 6 | - | 30° |
| 07h. | C | 6 | - | 5° |

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

24th & 28th October, 1922.

| STATIONS. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6·41 | 11·34 | 4·23 |
| | 6·43 | 11·34 | 4·21 |
| Greenwich | 6·44 | 11·44 | 4·42 |
| | 6·46 | 11·44 | 4·40 |
| Wick | 7·14 | 11·56 | 4·35 |
| | 7·17 | 11·56 | 4·32 |
| Valencia | 7·16 | 12·25 | 5·22 |
| | 7·18 | 12·28 | 5·20 |

### BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
p precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
x dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
$r_0r_0$ = continuous light rain.

### SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

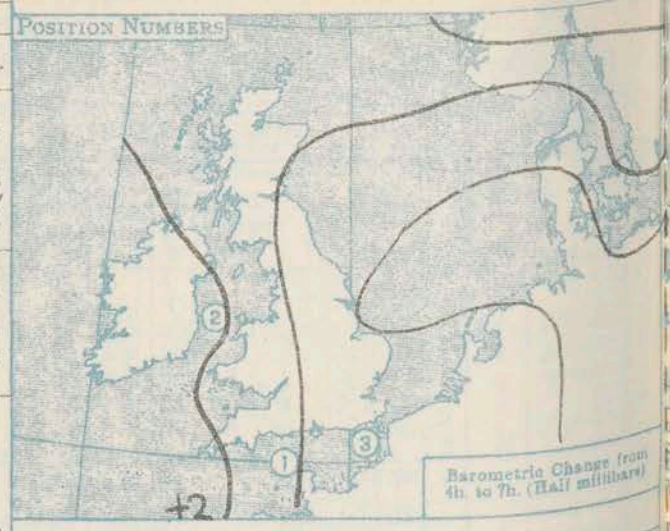
| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-49 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

* For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.–13h. 26th | 13h.–18h. 26th | 18h. 26th to 1h. 27th | 1h.–7h. 27th | TEMPERATURE. MAX. Day. 7h.–18h. | MIN. Night. 18h.–7h. | MIN. on GRASS | RAINFALL.† Day. 7h.–18h. mm. | Night. 18h.–7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | c | bc | bcq | cphs | 43 | 35 | • | - | Trace | - | <21·00 | • |
| Stornoway | b or bc | b or bc | r.d | oo | 48 | 31 | • | - | 2 | - | - | 7·3 |
| Wick | c po | c | bc.ep | bc Pq | 46 | 34 | • | 0·2 | 1 | 0900 | <21·00 | • |
| Castlebay | c | co | oo | c. op | 48 | 43 | • | - | 1 | - | - | 6·6 |
| Nairn | mcbc | bm | bc.cq | ccrq | 40 | 31 | • | 0·3 | 1 | <0800 | 02·30 | 3·4 |
| Aberdeen | b or bc | b-bc | b.bc.c | opr | 49 | 34 | 30 | - | 0·5 | - | 24·00 | 5·4 |
| Malin Head | + bco3 | coz | oo | c.a bcv | 44 | 45 | • | - | - | - | - | 0·0 |
| Renfrew | b bcef | ozmo | om | | 47 | 33 | 25 | - | Trace | - | 22·00 | 0·4 |
| Edinburgh (Inchkeith) | oo | ir | p | bc | 49 | 40 | 38 | 0·3 | 1 | 1730 | 05·30 | 1·2 |
| Leuchars | oprqdo | or.pr | b bc | | 44 | 35 | 26 | 4 | 0·1 | <0800 | <21·00 | 0·1 |
| Eskdalemuir | ofo | opo | o.c.bc | c.ood.o | 43 | 29 | 23 | 0·2 | 0·2 | 13·30 | 04·30 | 1·8 |
| Tynemouth | offp.m | cp. | po bc | cPq | 45 | 39 | 33 | 1 | 2 | <0800 | <21·00 | • |
| Blacksod Point | | | | | | | • | | | | | • |
| Donaghadee | o | o | o | bc | 48 | 42 | • | - | - | - | - | • |
| Birr Castle | co3 | co | c.o | c.ox | 49 | 31 | 24 | - | - | - | - | • |
| Holyhead | bc c | cbcc | c.bc.b | bc or. | 51 | 41 | 34 | - | Trace | - | 06·30 | 6·9 |
| Liverpool (Bidston) | o bc m | c | c | | 48 | 39 | 35 | - | - | - | - | 2·6 |
| Chester (Shotwick) | o cbc† | ozcm† | bc.bm | bc.op.ton | 49 | 38 | 32 | - | Trace | - | 05·30 | • |
| Spurn Head | cp bc | p | c | c | 51 | 43 | • | 2·4 | Trace | 1230 | <21·00 | 3·3 |
| Nottingham | m | c | co | op | 47 | 39 | 35 | - | 0·2 | - | 02·30 | 1·1 |
| Cranwell | c | b. bc | bcpro | p | 51 | 35 | 24 | Trace | 0·6 | 11·00 | 24·00 | 3·2 |
| Gorleston | c | c | bcpr | bc.cr | 49 | 44 | 38 | - | 1 | - | 05·30 | 3·4 |
| Valencia (Cahirciveen) | cpr | ov | cr | | | | | | | | | |
| Roches Point | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | oq | oco | c | b. bc | 44 | 36 | • | - | - | - | • | 0·2 |
| Ross-on-Wye | + omtbc | cycm | bcmcq.bc | c.omx | 46 | 32 | 24 | 0·1 | - | - | - | 3·4 |
| Benson | ttb | tmbc | b.bx | bx | 44 | 28 | 22 | - | - | - | - | • |
| Andover | b x tcy | tcyo | mc.bc.b | b.bc.c.o | 47 | 30 | 24 | - | - | - | - | 7·2 |
| S. Farnborough | o t bz | bzczb | bm | b.bo.cmx | 47 | 24 | 23 | - | - | - | - | 3·6 |
| London (Kew Obsy.) | o t x bfwb | bzwczy | bm. bfw | bfw.cmx | 45 | 35 | 23 | - | - | - | - | 1·4 |
| Croydon | o x F mb | by bm zc | c.bmx | bmx.o | 48 | 28 | 20 | Trace | - | - | - | 4·9 |
| Clacton-on-Sea | bcc | cbc | bc | bc.c | 50 | 43 | 41 | - | - | - | - | 8·4 |
| Shoeburyness | bmbx | b | b.bc | c.ou | 50 | 41 | 38 | - | - | - | - | 7·4 |
| Grain | bcm.Nb | p.bc | bc.b | b.bc.c | 47 | 36 | 26 | 0·1 | - | - | - | 6·6 |
| Lympne | bbc x | bccy | b.bc | b | 45 | 32 | 25 | - | - | - | - | 8·2 |
| Scilly (St. Mary's) | | r.d | | | | | • | 2 | | 1530 | | |
| Falmouth (Pendennis) | omrco | om | | op.om | 50 | 41 | • | 3 | 3 | 0900 | 02·30 | 0·8 |
| Plymouth (Cattewater) | oo | cbc | bcr.om | o.cm | 48 | 40 | 34 | - | - | - | - | 0·1 |
| Portland Bill | c | co | c.o | oo | 48 | 40 | • | - | - | - | - | • |
| Southampton (Calshot) | ombbc | c | f.m | dmbcfc | 44 | 34 | 32 | - | - | - | - | 7·0 |
| Dungeness | b.bc | bbc | c | b.bc | 46 | 41 | • | - | - | - | - | • |
| Jersey 7h / Guernsey 1h | obo | bbco | c | cp.c | 44 | 40 | • | - | 0·6 | - | 03·30 | 4·0 |

ISALLOBARS. 27th Oct. 1922




### Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. | Visibility. |
|---|---|---|---|---|---|---|---|---|
| 2 | 26th 1010 | Scotia | SE½E | 6 | b | 44 | 51 | 8 |
| 3 | 24th 0300 | Dieppe | E | 2 | b | 42 | 54 | 6 |

### GENERAL INFERENCE.

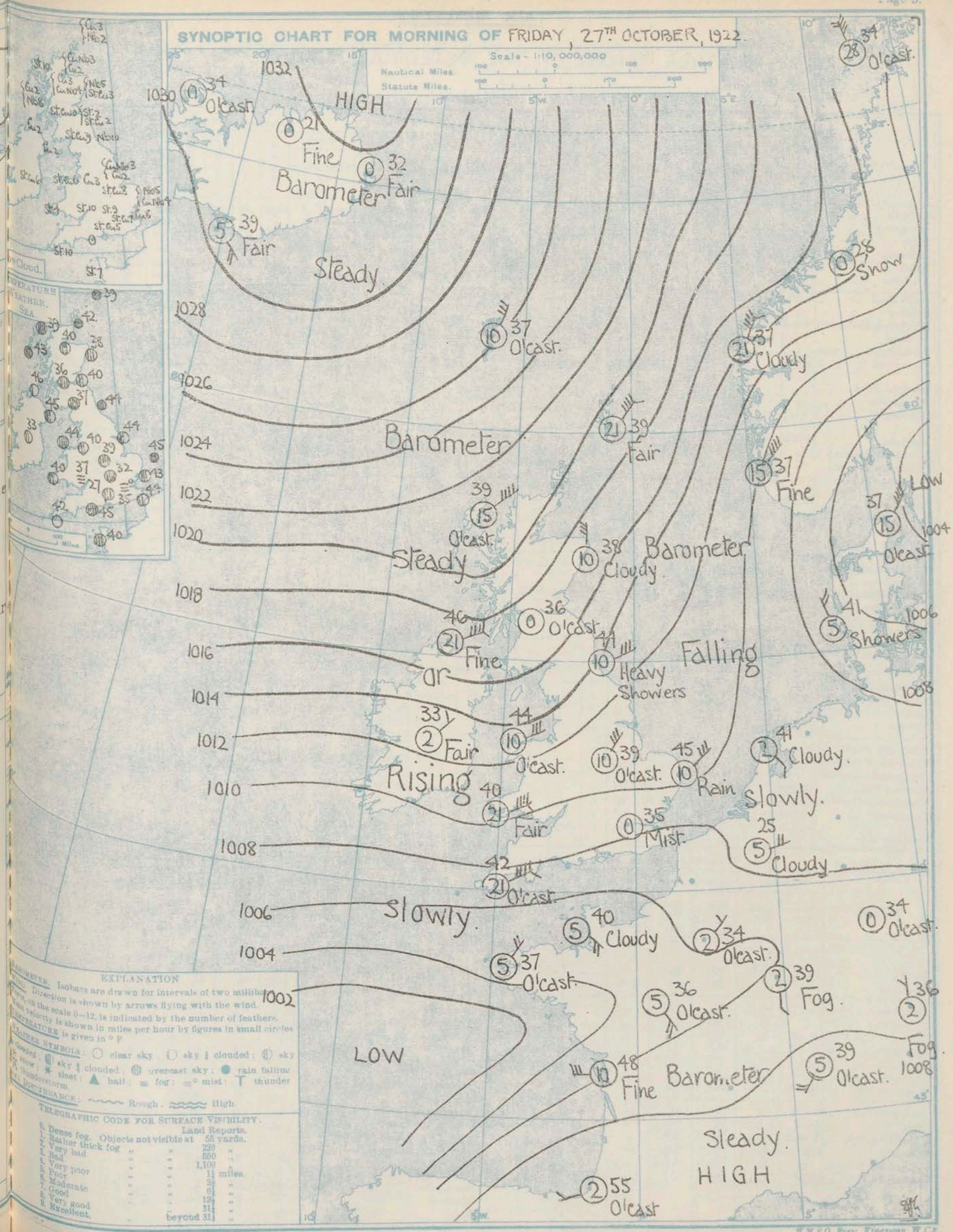
Conditions are becoming favourable for cold N.E. to N. winds over the whole of the British Isles during the next day or two. Much cloud is probable in Scotland and at times in eastern England, with local rain or drizzle, but in the West the weather will be mainly fair. There is a risk of further frosts inland at night.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 27th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands | Wind NE to N, moderate or fresh; mainly cloudy, occasional rain or drizzle in places; visibility moderate; cold. | Cold weather is probable in all districts for several days. |
| 4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England | Wind NE, moderate or fresh; mainly fair; visibility moderate or good apart from morning mist; cold, risk of ground frost inland at night. | |
| ~~9. N. Midlands~~<br>10. N.E. England<br>11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | As 1 - 3. | |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | As 4 - 8. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930

G. C. SIMPSON, F.R.S., Director.

† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. FRIDAY, 27th October 1922. No. 299

### Observations at 0100 G.M.T. 27th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1014.1 | 0 | NNE | 4 | b- | 39 | 85 | 4 | 5400 | Cu Nb | 2 | A Cu | 3 | * |
| Stornoway ... ... | 1021.0 | +2 | NE | 2 | or | * | * | 4 | * | * | * | * | * | * |
| Wick ... ... ... | 1014.9 | -1 | WNW | 2 | bc/r | 41 | 93 | 8 | 4000 | Cu Nb | 5 | - | 5 | * |
| Castlebay ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head ... ... | 1015.4 | +1 | E | 5 | 0 | 44 | 95 | 4 | 5400 | St Cu | 9 | - | 9 | * |
| Renfrew ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1016.9 | -1 | NE | 3 | bc/r | 41 | 85 | 8 | + | St | 6 | - | 6 | * |
| Leuchars ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth ... ... | 1015.9 | -1 | E | 1 | b | 44 | 86 | 4 | 4000 | Cu | 3 | - | 3 | * |
| Blacksod Point ... | | | | | | | | | | | | | | * |
| Donaghadee ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | | | | | | | | | | | | | | * |
| Holyhead ... ... | 1012.6 | -1 | ENE | 4 | b- | 43 | 94 | 4 | - | - | 0 | - | 0 | * |
| Liverpool (Bidston) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head ... ... | 1013.3 | -1 | ENE | 2 | c | 45 | 83 | 4 | 2500 | St | 8 | - | 8 | * |
| Nottingham ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell ... ... | 1014.0 | -2 | N | 3 | o/r | 40 | 94 | 6 | 2500 | St | 10 | - | 10 | * |
| Gorleston ... ... | 1012.9 | -1 | E'N | 3 | bc/r | 46 | 95 | 4 | 4000 | St | 5 | - | 5 | * |
| Valencia (Cahirciveen) | 1009.1 | ? | SSE | 4 | cr+ | 46 | 92 | 5 | + | Cu Nb | 4 | - | 4 | * |
| Roches Point ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Anu's H.) | 1009.3 | +1 | ENE | 5 | bc- | 40 | 95 | 4 | 4000 | St Cu | 4 | - | 4 | * |
| Ross-on-Wye ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.)... | * | * | * | * | * | 35 | * | * | * | * | * | * | * | * |
| Croydon ... ... | 1011.2 | -3 | E | 1 | b | 29 | 92 | 3 | - | - | 0 | - | 0 | * |
| Clacton-on-Sea ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Grain ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne ... ... | 1010.0 | -4 | E'N | 3 | b | 38 | 95 | 4 | - | - | 0 | - | 0 | * |
| Scilly (St. Mary's) ... | | | | | | | | | | | | | | * |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Portland Bill ... ... | 1009.9 | -2 | ESE | 6 | o+ | 44 | 85 | 6 | - | - | 0 | A St | 10 | * |
| Southampton (Calshot) | 1009.4 | -3 | NE | 4 | b | 39 | 95 | 6 | - | - | 0 | - | 0 | * |
| Dungeness ... ... | 1010.4 | -4 | ESE | 3 | b- | 42 | 93 | 4 | - | - | 0 | Ci | 2 | * |
| Jersey 7h } ... ... | 1006.2 | -3 | E | 5 | c | 40 | 85 | 6 | 3400 | St | 5 | A St | 8 | * |
| Guernsey 1h } | | | | | | | | | | | | | | |

### Observations at 0700 G.M.T. 27th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1018.4 | +1 | NNE | 5 | bc/p | 39 | 65 | 4 | 4000 | Cu | 5 | - | 5 | 4 |
| Stornoway ... ... | 1020.9 | +1 | NE | 5 | o | 39 | 85 | 6 | 4500 | St | 10 | - | 10 | 4 |
| Wick ... ... ... | 1018.4 | +1 | NNE | 5 | bc PR | 42 | 65 | 8 | 2500 | Cu Nb | 5 | - | 5 | 4 |
| Castlebay ... ... | 1020.0 | +1 | N | 4 | o/r | 45 | 85 | 4 | 1500 | Nb | 10 | - | 10 | 3 |
| Nairn ... ... ... | 1018.4 | * | ENE | 3 | o/r | 40 | 85 | 8 | 4000 | Cu Nb | 4 | - | 4 | * |
| Aberdeen ... ... | 1014.6 | -1 | N'W | 3 | c | 38 | 85 | 8 | 1500 | Nb | 8 | - | 8 | 1 |
| Malin Head ... ... | 1014.2 | +2 | E'N | 5 | b- | 46 | 75 | 8 | 4000 | Cu | 2 | - | 2 | 3 |
| Renfrew ... ... | 1014.4 | 0 | - | 0 | o | 36 | 92 | 6 | 2500 | St Cu | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1016.3 | +1 | N | 3 | bc- | 40 | 85 | 8 | + | St | 4 | - | 4 | 2 |
| Leuchars ... ... | 1016.9 | 0 | N | 1 | c+ | 34 | 85 | 8 | 4000 | St Cu | 4 | - | 4 | * |
| Eskdalemuir ... ... | 1016.2 | 0 | N | 4 | o | 34 | 85 | 8 | 1500 | St Cu | 9 | - | 9 | * |
| Tynemouth ... ... | 1013.5 | -1 | NE | 3 | o PR | 44 | 92 | 4 | 2500 | Nb | 10 | - | 10 | 3 |
| Blacksod Point ... | 1015.8 | +2 | SE | 2 | bc | 45 | 95 | 8 | 4000 | Cu | 2 | A Cu | 4 | 5 |
| Donaghadee ... ... | 1013.4 | * | NE | 1 | bc- | 33 | 85 | 4 | 4000 | St Cu | 6 | - | 6 | * |
| Birr Castle ... ... | | | | | | | | | | | | | | * |
| | | | | | | | | | | | | | | 1 |
| Holyhead ... ... | 1013.4 | +2 | ENE | 3 | o/r | 44 | 92 | 8 | 2500 | St Cu | 6 | A St | 9 | 3 |
| Liverpool (Bidston) ... | 1013.4 | 0 | ENE | 3 | bc- | 40 | 85 | 6 | 4000 | Cu | 3 | A Cu | 6 | * |
| Chester (Shotwick) ... | 1013.1 | 0 | NNE | 3 | o/r | 41 | 85 | 6 | 4000 | St Cu | 9 | - | 9 | |
| Spurn Head ... ... | 1011.2 | -2 | N | 3 | bc | 44 | 92 | 4 | 4000 | Cu Nb | 5 | - | 5 | 3 |
| Nottingham ... ... | 1011.4 | * | NNE | 3 | o | 39 | 92 | 6 | 2500 | St Cu | 8 | A Cu | 10 | * |
| Cranwell ... ... | 1012.8 | -3 | N | 3 | c | 36 | 94 | 6 | 4000 | St Cu | 4 | A Cu | 8 | * |
| Gorleston ... ... | 1010.4 | -1 | NE | 3 | or- | 45 | 83 | 4 | 2500 | Nb | 9 | - | 9 | 0 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | 1010.4 | +1 | ENE | 5 | bc | 40 | 95 | 4 | 2500 | St | 4 | - | 4 | 3 |
| Pembroke (St. Anu's H.) | 1011.2 | 0 | - | 0 | mmo | 34 | 94 | 4 | 800 | St | 10 | - | 10 | * |
| Ross-on-Wye ... ... | 1009.8 | 0 | - | 0 | o+ | 32 | 94 | 4 | 2500 | St | 9 | - | 9 | * |
| Benson... ... ... | 1010.0 | 0 | NNE | 3 | o+ | 33 | 85 | 4 | 4000 | St Cu | 9 | - | 9 | * |
| Andover ... ... | 1009.8 | 0 | NNE | 1 | c+ | 24 | 94 | 6 | 2500 | St Cu | 3 | Ci St | 4 | * |
| S. Farnborough ... | 1009.4 | 0 | - | 0 | mmc | 35 | 92 | 5 | 2500 | St Cu | 4 | - | 10 | * |
| London (Kew Obsy.)... | 1009.5 | 0 | SSW | 1 | o | 31 | 94 | 4 | 4000 | St Cu | 10 | - | 8 | 1 |
| Croydon ... ... | 1008.9 | -2 | N | 3 | c+ | 43 | 85 | 4 | 2500 | Cu | 8 | - | 9 | 3 |
| Clacton-on-Sea ... | 1008.9 | -1 | SSE | 2 | o+ | 42 | 92 | 4 | 1500 | St Cu | 9 | - | 4 | 3 |
| Shoeburyness... ... | 1008.8 | -1 | ENE | 5 | c+ | 46 | 95 | 4 | 2500 | St | 4 | Ci St | 4 | * |
| Grain ... ... ... | 1008.2 | -2 | NE | 4 | c+ | 34 | 85 | 8 | 4000 | St Cu | 4 | Ci St | | |
| Lympne ... ... | | | | | | | | | | | | | | |
| Scilly (St. Mary's) ... | 1004.1 | +4 | ENE | 5 | o/r | 42 | 85 | 4 | 2500 | St | 10 | Ci | 10 | 2 |
| Falmouth (Pendennis) | 1004.9 | +1 | E | 3 | c | 41 | 95 | 6 | 4000 | St Cu | 5 | A St | 8 | 0 |
| Plymouth (Cattewater) | 1004.9 | 0 | ESE | 5 | o | 45 | 85 | 6 | - | - | 0 | Ci | 10 | 3 |
| Portland Bill ... ... | 1009.0 | 0 | N | 3 | c/f | 35 | 85 | 6 | - | - | 0 | - | 4 | 0 |
| Southampton (Calshot) | 1004.6 | ? | E | 4 | bc+ | 44 | 95 | 8 | 1500 | Cu | 6 | A Cu | 6 | 4 |
| Dungeness ... ... | 1005.8 | 0 | ESE | 2 | c/r | 40 | 92 | 8 | 1500 | St | 4 | | 8 | 0 |
| Jersey 7h } ... ... | | | | | | | | | | | | | | |
| Guernsey 1h } | | | | | | | | | | | | | | |

### WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26th October 1922.

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night 25th-26th °F. | Temperature. Max. Day 26th °F. | Rainfall.† Night 17h.-9h. 25th-26th mm. | Rainfall.† Day 9h.-17h. 26th mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset 26th hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | b.bc | bc.b | 35 | 49 | 1 | - | | 6.3 |
| Montrose ... ... | | | 34 | 48 | 0.4 | - | | 3.0 |
| Llandudno ... ... | mcb | mc | 32 | 48 | - | - | | 0.7 |
| Colwyn Bay ... | c | o | 36 | 47 | - | - | | 1.7 |
| Rhyl... ... ... | o.bc | bc | 38 | 49 | - | - | | 3.7 |
| Southport ... ... | o.co | o.co | 43 | 47 | - | - | | 1.4 |
| Blackpool ... ... | p.b | co | 37 | 50 | - | - | | 2.7 |
| Harrogate ... ... | c | b.o | 31 | 45 | - | - | | 0.5 |
| Skegness ... ... | cpoc | cbc | 36 | 50 | 1 | 1 | | 5.8 |
| Aberystwyth ... | o.cb | b | 36 | 48 | - | - | | 5.7 |
| Bath ... ... | mb | b.bm | 33 | 46 | - | - | | 3.4 |
| Leamington Spa ... | bmb | bc | 28 | 49 | - | - | | 4.7 |
| Lowestoft ... ... | b.bc.b | b.bc.d | 40 | 50 | 0.1 | - | | 5.5 |
| Felixstowe ... ... | b | bc | 33 | 49 | - | - | | 8.3 |
| Southend ... ... | mbc | bc | 33 | 50 | - | - | | 8.0 |

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night 25th-26th °F. | Temperature. Max. Day 26th °F. | Rainfall.† Night 17h.-9h. 25th-26th mm. | Rainfall.† Day 9h.-17h. 26th mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset 26th hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton ... ... | oog | ocg | 38 | 49 | - | - | | 0.0 |
| Ilfracombe ... ... | c.o | o.c.bc | 40 | 46 | - | - | | 0.9 |
| Bude ... ... | wx bc | c bc | 31 | 49 | - | - | | 3.4 |
| Penzance ... ... | o pc | bc o | 42 | 50 | 0.3 | 1 | | 2.3 |
| Falmouth Observatory | o m | o.c.o m | 42 | 49 | 3 | 0.3 | | 0.6 |
| Torquay ... ... | c | c | ? | 49 | - | - | | 0.0 |
| Weymouth ... ... | bc.b | c.bc | 34 | 47 | - | - | | 0.8 |
| Bournemouth ... | b | b.bcc | 29 | 46 | - | - | | 4.5 |
| Portsmouth (S'thsea) | b | b | 34 | 48 | - | - | | 7.1 |
| Worthing ... | b | bc | 31 | 47 | - | - | | 6.4 |
| Brighton ... ... | bc.b | b | 31 | 48 | - | - | | 7.0 |
| Eastbourne ... ... | bc b | b.bc | 37 | 48 | - | - | | 6.3 |
| Hastings ... ... | | | | | | | | 8.1 |
| Folkestone ... ... | b | b | 38 | 45 | - | - | | 6.5 |
| Tunbridge Wells ... | b | b | 24 | 48 | - | - | | 8.5 |
| Ramsgate ... ... | b | b | 40 | 51 | - | - | | 8.6 |
| Margate ... ... | b | b | 41 | 50 | - | - | | 8.3 |
| Deal ... ... ... | b | b | 40 | 46 | - | - | | |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22,255 Saturday, 28th October 1922. 

Observations at 1300 G.M.T. 24th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1021·7 | +5 | NE | 5 | bchr₀ | 40 | 75 | 7 | 4000 | CuNb | 4 | ACu | 6 | • |
| Stornoway | 1022·9 | +2 | NE | 4 | bc- | 42 | 75 | 6 | 4000 | Cu | 4 | – | 4 | • |
| Wick | 1020·6 | +3 | NNE | 6 | bcHR | 43 | 75 | 8 | 1500 | Nb | 6 | – | 6 | • |
| Castlebay | 1021·8 | +2 | NNE | 4 | b | 46 | 65 | 8 | 2500 | Cu | 3 | – | 3 | • |
| Nairn | • | • | | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1019·1 | +2 | NNE | 4 | bprs₀ | 43 | 65 | 8 | 2500 | CuNb | 2 | – | 2 | • |
| Malin Head | 1018·8 | +2 | ENE | 4 | cpr₀ | 45 | 85 | 8 | 5700 | StCu | 8 | – | 8 | • |
| Renfrew | 1019·3 | +2 | NNE | 4 | bc- | 45 | 65 | 8 | 4000 | Cu | 4 | – | 4 | • |
| Edinburgh (Inchkeith) | 1016·7 | 0 | NE | 5 | b | 44 | 65 | 8 | – | Cu | 3 | – | 3 | • |
| Leuchars | 1018·3 | +1 | N | 4 | bc | 45 | 65 | 8 | 4000 | StCu | 4 | – | 4 | • |
| Eskdalemuir | 1017·2 | +2 | NNE | 4 | bc\|p | 37 | 85 | 8 | 1500 | StCu | 3 | CiSt | 5 | • |
| Tynemouth | 1014·8 | +1 | NE | 5 | bc\|p | 44 | 75 | 7 | 4000 | CuNb | 4 | – | 4 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1018·2 | +2 | E | 2 | o | 45 | 85 | 7 | 4000 | StCu | 6 | – | 6 | • |
| Birr Castle | 1016·0 | • | NE | 1 | c\|r | 46 | 85 | 7 | 4000 | StCu | 7 | – | 7 | • |
| Holyhead | 1015·0 | +1 | ENE | 5 | opr₀ | 45 | 92 | 8 | 1500 | Nb | 10 | – | 10 | • |
| Liverpool (Bidston) | 1014·2 | +1 | NNE | 2 | o+ | 44 | 75 | 7 | 1500 | CuNb | 9 | – | 9 | • |
| Chester (Shotwick) | 1014·4 | +2 | N | 3 | o\|r | 44 | 85 | 5 | 2500 | StCu | 9 | – | 9 | • |
| Spurn Head | 1010·9 | -1 | NNE | 6 | c | 46 | 75 | 7 | 4000 | Cu | 7 | – | 7 | • |
| Nottingham | 1012·0 | • | NE | 3 | orr | 45 | 75 | 6 | 1500 | Nb | 10 | – | 10 | • |
| Cranwell | 1012·1 | -1 | N'E | 4 | opr₀ | 43 | 97 | 7 | 800 | Nb | 10 | – | 10 | • |
| Gorleston | 1009·7 | -1 | NNE | 5 | c | 48 | 65 | 7 | 2500 | Nb | 7 | – | 7 | • |
| Valencia (Cahirciveen) | 1014·7 | +3 | SE'S | 3 | b- | 47 | 85 | 8 | – | – | 0 | CiCu | 2 | • |
| Roches Point | | | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | 1012·6 | +3 | ENE | 3 | c | 46 | 75 | 8 | 4000 | Cu | 8 | – | 8 | • |
| Ross-on-Wye | 1011·3 | 0 | NE | 4 | bc- | 47 | 65 | 7 | 4000 | Cu | 4 | – | 4 | • |
| Benson | 1010·3 | 0 | NE | 4 | o/r | 45 | 85 | 7 | * | StCu | 9 | – | 9 | • |
| Andover | 1009·9 | 0 | NNE | 4 | o | 44 | 85 | 8 | 1500 | Nb | 9 | ASt | 10 | • |
| S. Farnborough | 1009·3 | 0 | NE | 3 | or₀ | 44 | 85 | 7 | 1500 | StCu | 10 | – | 10 | • |
| London (Kew Obsy.) | 1009·3 | 0 | NE'N | 3 | o | 46 | 75 | 6 | 2500 | StCu | 10 | – | 10 | • |
| Croydon | 1009·7 | 0 | ENE | 2 | o\|f | 42 | 92 | 6 | 1500 | StCu | 10 | – | 10 | • |
| Clacton-on-Sea | • | • | • | | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1008·9 | 0 | NE | 1 | oPR- | 45 | 85 | 8 | 4000 | StCu | 9 | – | 9 | • |
| Grain | 1009·2 | 0 | NE | 3 | opr₀ | 44 | 97 | 7 | 2500 | StCu | 10 | – | 10 | • |
| Lympne | 1008·2 | 0 | NE | 3 | o | 44 | 65 | 7 | 2500 | StCu | 9 | – | 9 | • |
| Scilly (St. Mary's) | | | | | | | | | | | | | | • |
| Falmouth (Pendennis) | 1009·7 | +1 | E | 7 | bc- | 47 | 85 | 7 | 4000 | Cu | 2 | CiCu | 5 | • |
| Plymouth (Cattewater) | 1010·4 | +2 | NE | 4 | b | 47 | 65 | 7 | 4000 | Cu | 3 | – | 3 | • |
| Portland Bill | 1009·3 | +2 | NNE | 5 | c+ | 49 | 85 | 6 | – | – | 0 | ACu | 7 | • |
| Southampton (Calshot) | 1009·6 | 0 | NNE | 4 | o | 45 | 75 | 7 | 2500 | StCu | 10 | – | 10 | • |
| Dungeness | 1008·0 | +1 | ENE | 4 | c | 47 | 75 | 8 | 1500 | StCu | 8 | – | 8 | • |
| Jersey 7h / Guernsey 1h | 1007·3 | 0 | ENE | 3 | c | 47 | 65 | 8 | 4000 | StCu | 7 | · | 7 | • |

Observations at 1800 G.M.T. 24th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather | Temp. °F. | Humidity % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1022·8 | +1 | NE | 5 | chr₀ | 36 | 92 | 7 | 2500 | Nb | 7 | – | 7 | 4 |
| Stornoway | 1025·4 | +4 | NE | 3 | o+ | 37 | 92 | 6 | 800 | St | 10 | – | 10 | 2 |
| Wick | 1023·2 | +3 | NNW | 4 | bcph | 40 | 85 | 8 | 2500 | CuNb | 6 | – | 6 | 4 |
| Castlebay | 1024·6 | +3 | NE | 4 | b | 43 | 65 | 7 | 2500 | StCu | 2 | – | 2 | 4 |
| Nairn | 1023·0 | • | NE'N | 4 | bc\|r | 41 | 85 | 8 | 4000 | Cu | 6 | – | 6 | • |
| Aberdeen | 1021·6 | +4 | N | 4 | b | 40 | 75 | 8 | 2500 | Cu | 2 | – | 2 | 4 |
| Malin Head | 1020·9 | +2 | ENE | 4 | b- | 45 | 65 | 8 | 5700 | StCu | 3 | · | 3 | 3 |
| Renfrew | | | | | | | | | | | | | | • |
| Edinburgh (Inchkeith) | 1020·0 | +4 | NE | 5 | cpr₀ | 38 | 85 | 8 | * | CuNb | 7 | · | 7 | 4 |
| Leuchars | 1020·7 | +4 | N | 3 | b | 37 | 75 | 8 | 4000 | CuNb | 3 | · | 3 | * |
| Eskdalemuir | 1020·2 | +3 | NNE | 4 | b/s(h) | 33 | 85 | 8 | 2500 | StCu | 1 | · | 1 | • |
| Tynemouth | 1016·9 | +2 | NE | 5 | bc\|p | 42 | 75 | 7 | 4000 | CuNb | 4 | · | 4 | 6 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1019·6 | +2 | NE | 3 | b- | 45 | 85 | 7 | 4000 | Cu | 3 | · | 3 | 4 |
| Birr Castle | 1018·7 | • | NNE | 2 | c+ | 41 | 85 | 7 | 4000 | Cu | 8 | · | 8 | • |
| Holyhead | 1017·2 | +3 | NE'E | 5 | c/r | 45 | 85 | 8 | 1500 | Nb | 5 | ACu | 8 | 4 |
| Liverpool (Bidston) | 1016·6 | +3 | ENE | 3 | bc- | 41 | 75 | 6 | · | · | 0 | ASt | 5 | 4 |
| Chester (Shotwick) | 1016·2 | +4 | NE | 3 | o | 42 | 95 | 3 | 2500 | StCu | 10 | · | 10 | • |
| Spurn Head | 1014·3 | +4 | N'E | 7 | bc | 43 | 75 | 7 | 4000 | CuNb | 4 | · | 4 | 5 |
| Nottingham | 1014·7 | • | NNE | 3 | b- | 41 | 75 | 7 | 2500 | StCu | 1 | ACu | 3 | • |
| Cranwell | 1014·5 | +4 | N'W | 4 | bc- | 38 | 92 | 7 | 2500 | StCu | 5 | ACu | 6 | • |
| Gorleston | 1010·6 | +1 | NE | 6 | oPR | 45 | 75 | 7 | 2500 | Nb | 9 | · | 9 | 4 |
| Valencia (Cahirciveen) | 1014·0 | +4 | SE'E | 4 | o+ | 46 | 85 | 8 | * | StCu | 9 | · | 9 | • |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1014·6 | +2 | ENE | 3 | b- | 43 | 75 | 8 | 4000 | StCu | 3 | · | 3 | 3 |
| Ross-on-Wye | 1014·1 | +3 | NE'N | 3 | o | 42 | 85 | 6 | 2500 | StCu | 9 | · | 9 | • |
| Benson | 1012·8 | +5 | NNE | 3 | o | 41 | 92 | 7 | * | StCu | 10 | · | 10 | • |
| Andover | 1012·5 | +3 | NNE | 4 | ojp | 41 | 92 | 7 | 1500 | Nb | 9 | · | 9 | • |
| S. Farnborough | 1012·0 | +4 | N | 3 | bc- | 41 | 85 | 8 | 1500 | StCu | 3 | ACu | 6 | • |
| London (Kew Obsy.) | 1011·7 | +4 | N | 1 | bc | 42 | 85 | 5 | – | – | 0 | ACu | 5 | • |
| Croydon | 1011·7 | +4 | NNE | 3 | o\|f | 41 | 85 | 4 | 1500 | StCu | 9 | – | 9 | • |
| Clacton-on-Sea | 1009·9 | +3 | N | 3 | bc/r | 43 | 85 | 7 | 2500 | Cu | 5 | · | 5 | 0 |
| Shoeburyness | 1010·5 | +3 | NE | 2 | bc+ | 41 | 85 | 8 | 5700 | Cu | 3 | Ci | 4 | • |
| Grain | 1010·9 | +3 | N | 5 | bc- | 43 | 92 | 8 | · | · | 0 | ACu | 5 | 0 |
| Lympne | 1010·1 | +2 | NW | 2 | c/r | 40 | 92 | 7 | 1500 | StCu | 7 | · | 7 | • |
| Scilly (St. Mary's) | | | | | | | | | | | | | | |
| Falmouth (Pendennis) | 1013·0 | +6 | NE | 3 | c+ | 45 | 85 | 7 | 4000 | St | 7 | · | 7 | 1 |
| Plymouth (Cattewater) | 1012·7 | +4 | NNE | 2 | o | 45 | 75 | 8 | 4000 | StCu | 10 | · | 10 | 0 |
| Portland Bill | 1011·8 | +2 | N | 4 | o+ | 45 | 85 | 6 | · | · | 0 | ASt | 10 | 3 |
| Southampton (Calshot) | 1012·2 | +4 | N | 3 | bc\|r | 44 | 75 | 7 | 2500 | StCu | 1 | ACu | 4 | 0 |
| Dungeness | 1009·9 | +1 | NW | 2 | c | 43 | 97 | 8 | 2500 | StCu | 8 | · | 8 | 3 |
| Jersey 7h / Guernsey 1h | 1009·1 | +1 | NE | 3 | o | 46 | 75 | 8 | 4000 | StCu | 10 | · | 10 | 2 |

| London Observations. | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Max. °F. | Temperature: Min. °F. | Temperature: Min. on Grass °F. | Rainfall mm.: Day | Rainfall mm.: Night | Sunshine to Sunset hrs. | Humidity: 15h. G.M.T. % | Humidity: 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 Hours ended 0900 G.M.T. 28th Oct | | | | | | | | Yesterday. | | To-day. |
| Kew | ofd wr₀ | opr bcm | cd₀ bmx | • | • | 24 | 0·2 | Tr | 1·2 | • | • |
| Croydon (24 hours ended 0700) | mlfxr₀r₀ | bcfmx | obcm mx | • | • | 24 | 2 | - | 0·1 | • | • |
| Greenwich (Royal Obsy.) | ocr | o.c | o.bjpx | 47 | 33 | 28 | 2 | • | 1·3 | 41 | 48 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 0·4 | • | • |
| Westminster (St. James' Pk.) | • | • | • | 49 | 35 | 31 | - | - | 0·4 | 69 | 44 |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | 0·4 | • | • |
| Camden Square | o | bc | • | 48 | 32 | 29 | Tr | - | | • | 84 |
| Kensington Palace | bcd.b | c | • | 48 | 33 | 24 | - | - | • | 85 (18h) | 85 |
| Hampstead Observatory | • | • | • | 46 | 31 | 29 | Tr | - | 1·3 | + | 82 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1800 G.M.T. 24th

| South Kensington Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1·0 | 1800–1300 | 0·3 | 0100–0700 |
| 0·6 | 0900–1800 | | |

| Kew Observatory Max. | Time. | Min. | Time. |
|---|---|---|---|
| 1·4 | 2200 (26th) | 0·4 | 1400 (27th) |
| 1·4 | 0900 (27th) | | |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ............ joules

Average Rate ............ Milliwatts.

Maximum Rate ............ Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 24th 14 h. 45 m. to 25th 5 h. 45 m.

| Stars. | Exposure h. | Exposure m. | Record h. | Record m. | Record % |
|---|---|---|---|---|---|
| Polaris | 12 | 0 | 9 | 8 | 76 |
| δ Ursae Minoris | 12 | 0 | 8 | 12 | 68 |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | GC₂ | 7 | - | 145° |
| 18h. | C | 6 | - | 155° |
| 01h. | GC₂ | 6 | - | 35° |
| 07h. | C | 6 | - | 125° |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.**

28th & 29th October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6·43 / 6·44 | 11·34 / 11·34 | 4·31 / 4·30 |
| Greenwich | 6·48 / 6·49 | 11·44 / 11·44 | 4·40 / 4·39 |
| Wick | 7·20 / 7·22 | 11·56 / 11·56 | 4·32 / 4·30 |
| Valencia | 7·30 / 7·31 | 12·25 / 12·25 | 5·20 / 5·19 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**

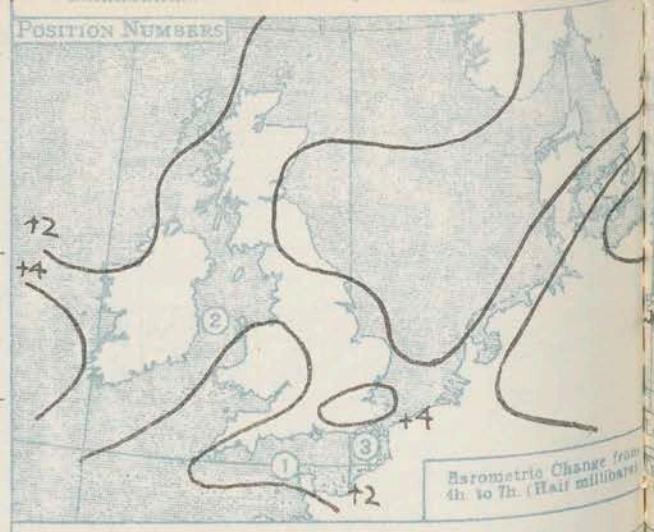
0=no swell, 1=mod. swell, 2=heavy swell — Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell — Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 24th | 13h.-18h. 24th | 18h. 24th to 1h. 28th | 1h.-7h. 28th | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL† Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | bcprh | bcqphr | bc | cph | 42 | 35 | • | 1 | trace | <0800 | <21·00 | • |
| Stornoway ... ... | c | c | r·d | oo | 45 | 33 | • | - | 4 | - | - | 3·6 |
| Wick ... ... ... | PHRq | prhcQ | bephr | PHrq | 44 | 36 | • | 1 | 3 | <0800 | <21·00 | • |
| Castlebay ... ... | opbc | bcb | b | b | 46 | 40 | • | 2 | - | - | - | 5·6 |
| Nairn ... ... ... | cphq | cirq | hpqc | c.bc | 43 | 36 | • | 2 | - | 0900 | - | 2·2 |
| Aberdeen ... ... | prsb | irsih | bcph | phxqr | 44 | 33 | 30 | 1 | - | 11·00 | - | 4·7 |
| Malin Head ... ... | bccov | cov | b-bc | b-bc | 47 | 43 | • | trace | - | 13·30 | - | 2·9 |
| Renfrew ... ... | on.bc | bzx | b.bx | | | 24 | 15 | | - | | - | 6·3 |
| Edinburgh (Inchkeith) | c | p | cb | bc | 44 | 36 | 33 | 0·5 | 0·1 | 16·30 | - | 4·8 |
| Leuchars ... ... | borbc | p | b.bc | | 45 | 33 | 21 | 0·2 | - | 12·30 | - | 6·4 |
| Eskdalemuir ... ... | coprs | prsq | ops.ps | ops.bc | 41 | 31 | 28 | 1 | 4 | 14·30 | <21·00 | 5·0 |
| Tynemouth ... ... | cpr.q | cPHq | bcprq | cprhq | 46 | 40 | 33 | 1 | 0·5 | 11·00 | 22·00 | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | bec | bc | bc | bc | 47 | 43 | • | - | - | - | - | • |
| Birr Castle ... ... | cpr. | co | c.o | bcx | 47 | 26 | 19 | 0·4 | - | 09.00 | - | • |
| Holyhead ... ... | covip | phcor | cphbc | bcp | 48 | 41 | 27 | 2 | 0·2 | 09.00 | 24·00 | 1·3 |
| Liverpool (Bidston) ... | cbccm | cbc | b.bc | | 46 | 32 | 28 | - | - | - | - | 3·2 |
| Chester (Shotwick) ... | bccom prom | cbccm om | o.bxxm | b.bxm | 46 | 29 | 21 | trace | - | 11·00 | - | • |
| Spurn Head ... ... | c | cpbcq | cqph | Ghr | 47 | 37 | • | 0·6 | 0·4 | <0800 | 22·00 | 3·4 |
| Nottingham ... ... | bc | dop | b.o | cps. | 47 | 33 | 30 | 0·3 | 0·1 | 12·30 | 01·30 | 3·6 |
| Cranwell ... ... | p | prhr | bcb | bx.bx | 48 | 30 | 26 | 2 | 0·1 | 11·00 | 03·30 | 2·0 |
| Gorleston ... ... | cpr | cqpr | bcqpr | qpr.ph | 49 | 40 | 35 | 1 | 1 | <0800 | <21·00 | 5·0 |
| Valencia (Cahirciveen) | b | o | bc | bv | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | b | c | ocbc | b.bc | 49 | 36 | • | - | - | - | - | 2·5 |
| Ross-on-Wye ... ... | ompbc | bczoz | c.o.bc.b | bcm.omx | 48 | 30 | 21 | 0·3 | 0·1 | 09.00 | - | 2·8 |
| Benson... ... ... | old | oir | o.b | bx.o | 49 | 26 | 18 | 0·4 | - | 09.00 | - | • |
| Andover ... ... | oopr | opr | o.c | c.bc.b | 47 | 31 | 27 | trace | - | 12·30 | - | 2·4 |
| S. Farnborough ... | ompqr | orcprobc | bc.ed.om | bc.cx | 46 | 27 | 21 | trace | - | 14·30 | - | 0·2 |
| London (Kew Obsy.) ... | otwr | opzbcm | cdcmb | bb.bmx | 47 | 33 | 27 | 0·2 | Trace | 09.00 | 22·00 | 1·2 |
| Croydon ... ... | omfxr | ocfmz | obcmm | bm.mx | 45 | 31 | 24 | 2 | - | 09.00 | . | 0·1 |
| Clacton-on-Sea ... | cpr | cphbc | bc.c | cp.bc | 48 | 36 | 31 | 2 | 0·3 | <0800 | 04·30 | 1·6 |
| Shoeburyness ... ... | r | ocbdbc | bc | bcpr.bc.b | 48 | 33 | 30 | 0·6 | 0·2 | 11·00 | 05·30 | 1·0 |
| Grain ... ... ... | copr | oprhcb | bc.b | b.bc | 47 | 37 | 34 | 0·6 | - | <0800 | . | 1·4 |
| Lympne ... ... | cbcnc | orprm | r·d | cpr.pr | 46 | 33 | 29 | 0·4 | 3 | 14·30 | <21·00 | 4·2 |
| Scilly (St. Mary's) ... | | | | | | | • | | | | | |
| Falmouth (Pendennis) | omcbc | bcc | | c.bq | 48 | 34 | • | - | - | - | - | 5·0 |
| Plymouth (Cattewater) | bcb | bcbo | o | o.b | 49 | 37 | 34 | - | - | - | - | 5·4 |
| Portland Bill ... ... | oc | co | obc | c.bc | 49 | 34 | • | - | - | - | - | • |
| Southampton (Calshot) | oo | p | c | b.bc | 47 | 33 | 31 | trace | - | 12·30 | - | 1·8 |
| Dungeness ... ... | c | p | cpr | pr | 48 | 39 | • | trace | 9 | 16·30 | <21·00 | • |
| Jersey 7h. / Guernsey 11h. | coc | co | b | orr | 49 | 43 | • | - | 0·5 | - | 06·30 | 3·8 |




### Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. | Altitude. |
|---|---|---|---|---|---|---|---|---|
| 2 | 24th 1000 | Scotia | NE½E | 5 | cpqv | 46 | 53 | 9 |
| 3 | 28th 0300 | - | ENE | 5 | pr. | 45 | 54 | 1 |

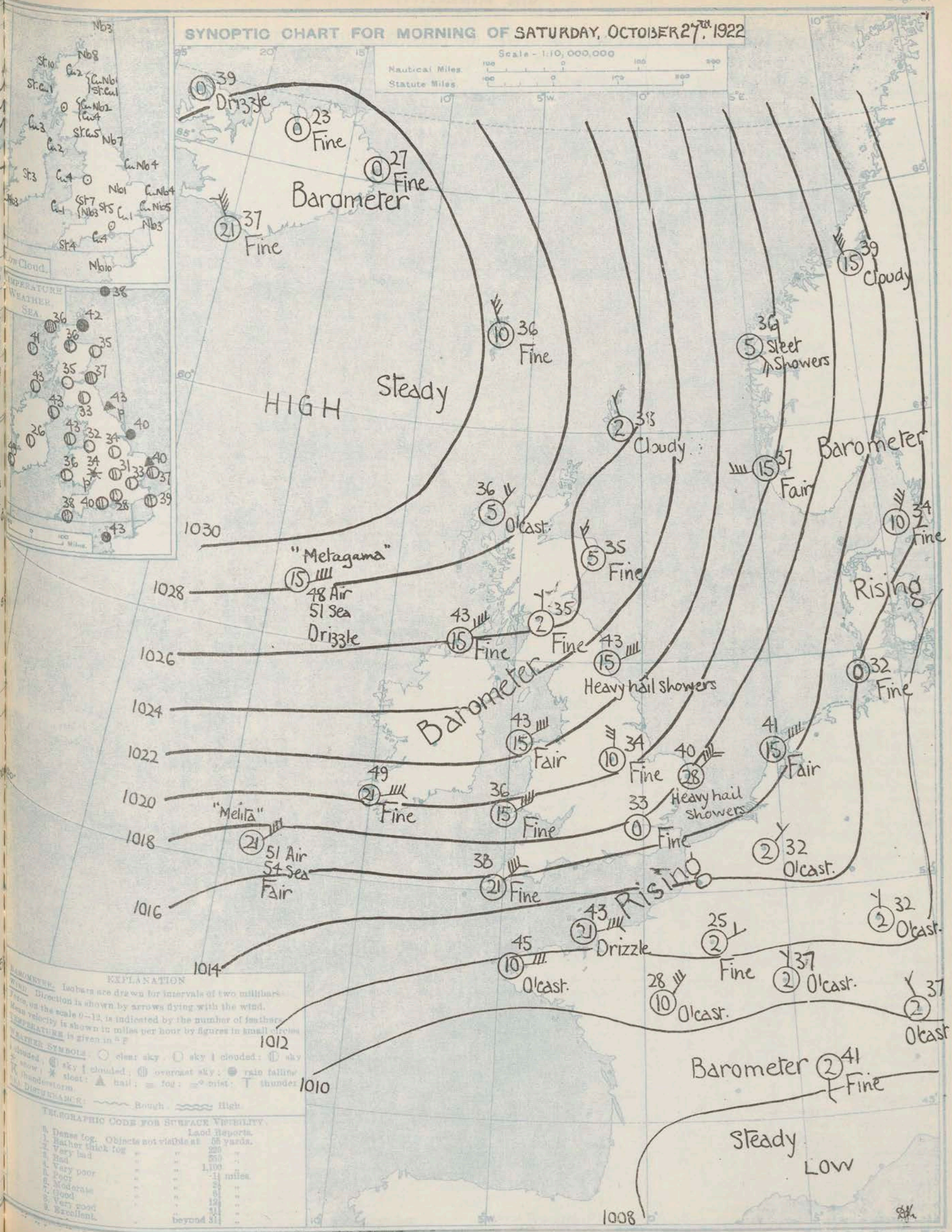
### GENERAL INFERENCE.

Pressure continues high between Iceland and the Hebrides and cold northeast winds will be maintained over the British Isles, fresh to strong at times in England and southern Ireland. Occasional showers are probable in Scotland and eastern England, but in the West the weather will be mainly fair. Frosts are probable at night inland.

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 28th October, 1922. | Further Outlook. |
|---|---|---|
| ▲1. S.E. England<br>▲2. E. England<br>3. E. Midlands | Wind NE fresh or strong at times; varying amount of cloud, risk of occasional showers; visibility good; cold, frost inland at night. | Cold N or NE. winds will continue for several days. |
| 4. W. Midlands<br>5. S.W. England<br>6. South Wales<br>7. North Wales<br>8. N.W. England | Wind NE, fresh or strong at times; fair; visibility good; cold, frost inland at night. | |
| 9. N. Midlands<br>▲10. N.E. England | As 1 - 3. | ▲North Cone Hoisted at 15.15 yesterday. |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | Moderate or fresh Northerly winds; varying amount of cloud, occasional rain, hail or sleet showers; visibility good; cold, frost inland at night. | |
| 17. N.W. Ireland<br>18. N.E. Ireland | Moderate or fresh NE wind; fair; visibility good; cold, frost inland at night. | |
| 19. S.E. Ireland<br>20. S.W. Ireland | As 4 - 8. | |



† For Code see opposite page.




H.M.S.O. Press, Kingsway, W.C.2.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:



BRITISH SECTION. SATURDAY, 28th October 1922. No. 301.

Observations at 0100 G.M.T. 28th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1024.8 | 0 | NE | 4 | b | 39 | 85 | 7 | · | · | 0 | ACu | 3 | · |
| Stornoway | 1028.7 | +2 | E | 3 | or | · | · | 5 | · | · | · | · | · | · |
| Wick | 1015.1 | +1 | N | 4 | b/s(h) | 41 | 75 | 8 | 2500 | CuNb | 3 | · | 3 | · |
| Castlebay | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Nairn | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Aberdeen | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Malin Head | 1024.3 | +2 | NE | 5 | b | 44 | 65 | 8 | 4000 | Cu | 1 | · | 1 | · |
| Renfrew | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Edinburgh (Inchkeith) | 1022.7 | +2 | NNE | 4 | b+ | 38 | 85 | 8 | · | CuNb | 3 | · | 3 | · |
| Leuchars | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Eskdalemuir | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Tynemouth | 1019.6 | +1 | NNE | 6 | b/r | 43 | 85 | 7 | · | · | 0 | · | 0 | · |
| Blacksod Point | | | | | | | | | | | | | | · |
| Donaghadee | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Birr Castle | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Holyhead | 1019.0 | +1 | NE | 5 | bc/s(h) | 44 | 75 | 8 | 1500 | Cu | 4 | · | 4 | · |
| Liverpool (Bidston) | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Chester (Shotwick) | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Spurn Head | 1016.1 | +2 | ENE | 6 | c/p | 41 | 92 | 8 | 1500 | St | 8 | · | 8 | · |
| Nottingham | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Cranwell | 1018.0 | +3 | NW | 3 | b. | 32 | 97 | 7 | · | · | 0 | · | 0 | · |
| Gorleston | 1014.4 | +2 | NE | 6 | bc | 43 | 75 | 7 | 4000 | Cu | 4 | · | 4 | · |
| Valencia (Cahirciveen) | 1019.8 | +2 | E | 5 | bc | 47 | 92 | 8 | · | StCu | 5 | · | 5 | · |
| Roches Point | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Pembroke (St. Ann's H.) | 1018.2 | +2 | NE | 4 | b | 38 | 75 | 7 | · | · | 0 | · | 0 | · |
| Ross-on-Wye | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Benson | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Andover | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| S. Farnborough | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| London (Kew Obsy.) | · | · | · | · | · | 35 | · | · | · | · | · | · | · | · |
| Croydon | 1014.4 | +2 | NNE | 3 | b. | 35 | 85 | 7 | · | · | 0 | · | 0 | · |
| Clacton-on-Sea | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Shoeburyness | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Grain | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Lympne | 1012.6 | +2 | NNE | 4 | c/r | 41 | 92 | 6 | 1500 | CuNb | 8 | · | 8 | · |
| Scilly (St. Mary's) | | | | | | | | | | | | | | · |
| Falmouth (Pendennis) | | | | | | | | | | | | | | · |
| Plymouth (Cattewater) | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| Portland Bill | 1013.2 | 0 | NNE | 5 | b. | 44 | 85 | 7 | · | · | 0 | CiCu | 3 | · |
| Southampton (Calshot) | 1014.7 | +2 | N | 3 | b. | 38 | 85 | 8 | · | · | 0 | · | 0 | · |
| Dungeness | 1011.7 | +1 | E | 4 | bcr | 44 | 92 | 8 | 2500 | StCu | 6 | · | 6 | · |
| Jersey (7h) / Guernsey (1h) | 1013.3 | +1 | NNE | 5 | o/r | 46 | 85 | 8 | 5700 | Nb | 9 | · | 9 | · |

Observations at 0700 G.M.T. 28th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1026.6 | +3 | NNW | 1 | c/p | 38 | 75 | 7 | 5700 | Nb | 3 | A St | 8 | 0 |
| Stornoway | 1028.0 | +1 | NE | 2 | o/r | 36 | 85 | 7 | 800 | St | 10 | - | 10 | 1 |
| Wick | 1025.9 | +2 | NNW | 4 | ocl+ | 42 | 85 | 8 | 2500 | Nb | 8 | Ci St | 9 | 3 |
| Castlebay | 1028.2 | +2 | N | 3 | b | 41 | 75 | 8 | 4000 | StCu | 1 | - | 1 | 2 |
| Nairn | 1021.5 | · | - | 0 | bcfr | 36 | 85 | 8 | 4000 | Cu | 2 | A Cu | 5 | · |
| Aberdeen | 1025.6 | +3 | NNW | 2 | b/r | 35 | 92 | 7 | 2500 | StCu | 2 | - | 2 | 0 |
| Malin Head | 1026.0 | +2 | NE | 4 | b | 43 | 75 | 9 | 4000 | Cu | 3 | - | 3 | 4 |
| Renfrew | 1026.1 | +3 | N | 1 | b | 35 | 85 | 7 | - | - | 0 | - | 0 | · |
| Edinburgh (Inchkeith) | 1024.5 | +1 | N | 3 | bcfr | 34 | 85 | 8 | · | Cu | 6 | - | 6 | 3 |
| Leuchars | 1025.0 | +2 | NNW | 2 | b- | 35 | 85 | 8 | 4000 | CuNb | 2 | · | 2 | · |
| Eskdalemuir | 1025.0 | +2 | NNE | 4 | bc+ | 33 | 92 | 7 | 1500 | StCu | 5 | - | 5 | · |
| Tynemouth | 1022.6 | +2 | NE | 4 | cPH | 43 | 75 | 7 | 4000 | Nb | 7 | · | 7 | 6 |
| Blacksod Point | | | | | | | | | | | | | | · |
| Donaghadee | 1024.9 | +3 | E'N | 3 | b | 43 | 85 | 8 | 4000 | Cu | 2 | A Cu | 3 | 4 |
| Birr Castle | 1024.2 | · | N | 1 | b- | 36 | 94 | 7 | 4000 | St | 3 | - | 3 | · |
| Holyhead | 1022.3 | +3 | NE'E | 4 | bcfr | 43 | 85 | 8 | 2500 | Cu | 4 | A St | 5 | 2 |
| Liverpool (Bidston) | 1022.1 | +2 | NNE | 3 | b+ | 32 | 85 | 7 | - | - | 0 | - | 0 | 3 |
| Chester (Shotwick) | 1021.6 | +2 | NW | 1 | b | 29 | 75 | 6 | - | - | 0 | - | 0 | · |
| Spurn Head | 1019.3 | +3 | NE | 6 | bcjp | 40 | 75 | 8 | 4000 | CuNb | 4 | - | 4 | 5 |
| Nottingham | 1020.1 | · | N | 3 | b- | 34 | 85 | 6 | 4000 | Nb | 1 | - | 1 | · |
| Cranwell | 1020.2 | +3 | N | 3 | b | 31 | 92 | 7 | 2500 | StCu | 2 | - | 2 | · |
| Gorleston | 1017.8 | +2 | NE'E | 6 | bcPH | 40 | 75 | 7 | 2500 | CuNb | 4 | - | 4 | 5 |
| Valencia (Cahirciveen) | 1020.8 | +4 | E | 5 | b- | 49 | 92 | 9 | · | CuNb | 3 | - | 3 | |
| Roches Point | | | | | | | | | | | | | | 3 |
| Pembroke (St. Ann's H.) | 1019.1 | +2 | NE | 4 | b | 36 | 75 | 8 | 4000 | Cu | 1 | - | 1 | · |
| Ross-on-Wye | 1019.6 | +1 | NE'E | 3 | o/bs | 34 | 85 | 6 | 2500 | St | 10 | - | 10 | · |
| Benson | 1018.5 | +2 | NNE | 2 | oc- | 31 | 94 | 6 | · | St | 5 | - | 5 | · |
| Andover | 1017.4 | +2 | NNE | 4 | b- | 32 | 85 | 8 | 4000 | StCu | 1 | Ci St | 3 | · |
| S. Farnborough | 1017.6 | +4 | N | 2 | bc- | 28 | 94 | 7 | - | - | 0 | A Cu | 5 | · |
| London (Kew Obsy.) | 1018.0 | +4 | · | 0 | b+ | 33 | 85 | 6 | 4000 | Cu | 1 | A St | 2 | · |
| Croydon | 1017.4 | +4 | NNE | 1 | b+ | 31 | 94 | 4 | 4000 | StCu | 3 | - | 3 | |
| Clacton-on-Sea | 1016.6 | +4 | N | 4 | bcfr | 34 | 92 | 7 | 2500 | CuNb | 5 | - | 5 | 1 |
| Shoeburyness | 1017.1 | +3 | NE | 3 | b/r | 36 | 85 | 8 | 2500 | CuNb | 2 | - | 2 | + |
| Grain | 1017.3 | +4 | NNE | 5 | bc+ | 39 | 92 | 7 | 2500 | St | 4 | - | 4 | 3 |
| Lympne | 1016.3 | +3 | N | 3 | c/p | 35 | 92 | 7 | 1500 | CuNb | 6 | A St | 7 | · |
| Scilly (St. Mary's) | | | | | | | | | | | | | | · |
| Falmouth (Pendennis) | 1015.5 | +2 | NE | 5 | bc- | 38 | 85 | 7 | 4000 | St | 4 | - | 4 | 1 |
| Plymouth (Cattewater) | 1015.6 | +1 | NE | 4 | b | 38 | 75 | 7 | - | - | 0 | A Cu | 1 | 0 |
| Portland Bill | 1015.4 | +3 | NE | 6 | bc+ | 40 | 75 | 7 | 4000 | Cu | 4 | - | 4 | 5 |
| Southampton (Calshot) | 1017.2 | +3 | NNE | 4 | b+ | 35 | 85 | 7 | 4000 | StCu | 2 | - | 2 | 0 |
| Dungeness | 1015.4 | +4 | E | 4 | bcfr | 39 | 94 | 8 | 7100 | Nb | 3 | Ci Cu | 5 | 4 |
| Jersey (7h) / Guernsey (1h) | 1012.4 | 0 | E | 5 | odd | 43 | 85 | 8 | 1500 | Nb | 10 | - | 10 | 6 |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 24h October

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 26h-24h °F. | Temperature. Max. Day. 24h °F. | Rainfall.† Night 17h.-9h. 26h-24h mm. | Rainfall.† Day 9h.-17h. 24h mm. | Sunshine hr. | Sunshine. Sunrise to Sunset. 24h hr. |
|---|---|---|---|---|---|---|---|---|
| Banff | bcq | bcq | 30 | 46 | 1 | – | | 4.5 |
| Montrose | | | 35 | 45 | 0.1 | 1 | | 5.2 |
| Llandudno | cod | oc | 35 | 47 | 0.2 | – | | 0.6 |
| Colwyn Bay | bc | bcc | 39 | 45 | – | – | | 0.4 |
| Rhyl | bc | do | 35 | 46 | – | – | | 1.8 |
| Southport | c.o.c | cbc.c | 35 | 46 | – | – | | ? |
| Blackpool | co | cbc | 36 | 51 | – | – | | 2.4 |
| Harrogate | oc | cprc | 35 | 43 | – | 1 | | 1.8 |
| Skegness | bc | cpdoc | 42 | 48 | 1 | 2 | | 4.5 |
| Aberystwyth | roc | b. | 38 | 48 | Trace | – | | 3.5 |
| Bath | mp | c.bc.om | 33 | 48 | – | – | | 0.6 |
| Leamington Spa | cb | c.b.o | 32 | 49 | – | – | | 2.7 |
| Lowestoft | oc.bc | bc.cor | 42 | 49 | 3 | 1 | | 4.8 |
| Felixstowe | op | b | 41 | ? | 2 | 1 | | 2.7 |
| Southend | o | c.bc | 38 | 49 | – | – | | 2.4 |
| Paignton | bcm | bc.c.om | 39 | 49 | – | – | | 5.4 |
| Ilfracombe | bc.c.o | o.c.bc | 38 | 49 | – | – | | 0.5 |
| Bude | bc.c | cocou | 34 | 48 | – | – | | 4.7 |
| Penzance | c.bc | bc | 40 | 51 | 4 | – | | 5.6 |
| Falmouth Observatory | bc | bc c | 40 | 50 | 3 | – | | 5.7 |
| Torquay | b | o | 38 | 49 | – | – | | 5.8 |
| Weymouth | bc | bc.c | 34 | 50 | – | – | | 3.1 |
| Bournemouth | b | b | 31 | 48 | – | – | | 4.1 |
| Portsmouth (S'thsea) | cbop | gom | 34 | 48 | – | 0.4 | | 1.8 |
| Worthing | bbc | bco | 34 | 46 | – | – | | 3.1 |
| Brighton | bc.c | o | 34 | 46 | – | – | | 1.7 |
| Eastbourne | bc.c | c.o.co | 34 | 47 | – | – | | 4.0 |
| Hastings | b | bd | 40 | 47 | – | 0.2 | | 4.3 |
| Folkestone | o | odc | 32 | 44 | – | Trace | | 1.3 |
| Tunbridge Wells | b.bc | bco | 42 | 51 | – | 1 | | 3.2 |
| Ramsgate | bc.c.o | c.op | 41 | 47 | – | 0.2 | | 2.5 |
| Margate | b | bc.c | 42 | 46 | – | – | | 3.3 |
| Deal | | | | | | | | |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 2. ‡ See footnote page 1.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 22,256 SUNDAY, 29th OCTOBER 1922. 

### Observations at 1300 G.M.T. 28th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1026·2 | -2 | NNE | 3 | bc | 40 | 75 | 7 | 4000 | Cu | 5 | – | 5 | • |
| Stornoway | 1029·8 | +1 | N | 3 | 0 | 42 | 85 | 7 | 800 | St | 10 | – | 10 | • |
| Wick | 1027·3 | +1 | N | 3 | obr₀ | 41 | 75 | 8 | 2500 | CuNb | 10 | – | 10 | • |
| Castlebay | 1028·1 | 0 | NNW | 2 | bc | 45 | 75 | 8 | 4000 | Cu | 5 | – | 5 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1026·7 | +1 | NNW | 3 | ohr₀ | 41 | 92 | 7 | 2500 | CuNb | 9 | – | 9 | • |
| Malin Head | 1027·2 | +1 | NE | 4 | b | 45 | 65 | 7 | 4000 | Cu | 2 | Ci | 3 | • |
| Renfrew | 1026·9 | -1 | NNE | 3 | c+ | 46 | 65 | 8 | 4000 | StCu | 7 | – | 7 | • |
| Edinburgh (Inchkeith) | 1025·4 | +1 | NE | 4 | c+ | 43 | 75 | 8 | – | StCu | 8 | – | 8 | • |
| Leuchars | 1026·0 | 0 | N | 3 | c | 45 | 75 | 8 | 4000 | StCu | 6 | – | 7 | • |
| Eskdalemuir | 1026·2 | 0 | N | 4 | c5 | 37 | 85 | 6 | 1500 | Nb | 8 | – | 8 | • |
| Tynemouth | 1024·1 | 0 | N | 3 | bc/h | 44 | 75 | 7 | 4000 | CuNb | 6 | – | 6 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1025·9 | 0 | E'N | 3 | b | 44 | 75 | 8 | 2500 | Cu | 3 | • | 3 | • |
| Birr Castle | 1023·9 | • | E | 3 | bc+ | 46 | 65 | 8 | 4000 | Cu | 6 | – | 6 | • |
| | | | | | | | | | | | | • | | • |
| Holyhead | 1023·4 | 0 | NE'E | 5 | bc | 46 | 65 | 8 | 4000 | Cu | 5 | – | 5 | • |
| Liverpool (Bidston) | 1023·0 | +1 | NNE | 3 | b+ | 43 | 65 | 7 | 4000 | Cu | 2 | – | 2 | • |
| Chester (Shotwick) | 1023·0 | 0 | NNE | 3 | bc+ | 43 | 65 | 5 | 4000 | Cu | 5 | – | 5 | • |
| Spurn Head | 1021·4 | +2 | NNE | 5 | bcjp | 46 | 97 | 8 | 4000 | Cu | 5 | – | 5 | • |
| Nottingham | 1021·8 | • | NE | 3 | b | 43 | 75 | 7 | 2500 | Cu | 2 | – | 2 | • |
| Cranwell | 1022·2 | +1 | NE'N | 3 | b/5 | 44 | 75 | 8 | 4000 | StCu | 3 | – | 3 | • |
| Gorleston | 1020·1 | +2 | NE | 4 | bcPH | 44 | 75 | 7 | 2500 | CuNb | 4 | – | 4 | • |
| Valencia (Cahirciveen) | 1020·5 | 0 | SE'E | 5 | b | 43 | – | 9 | – | Cu | 1 | – | 1 | • |
| Roches Point | | | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | 1019·8 | 0 | NE'E | 5 | b | 45 | 65 | 8 | 4000 | Cu | 3 | – | 3 | • |
| Ross-on-Wye | 1020·1 | -1 | ENE | 5 | bc | 43 | 65 | 8 | 4000 | Cu | 5 | – | 5 | • |
| Benson | 1019·6 | 0 | NE | 4 | c | 43 | 55 | 8 | – | Cu | 7 | – | 7 | • |
| Andover | 1018·1 | +1 | NE | 5 | b | 44 | 55 | 8 | 4000 | Cu | 3 | – | 3 | • |
| S. Farnborough | 1019·0 | 0 | NE | 3 | cm | 43 | 65 | 6 | 2500 | Cu | 7 | – | 7 | • |
| London (Kew Obsy.) | 1019·4 | 0 | ENE | 4 | c | 44 | 55 | 6 | 4000 | StCu | 7 | Ci | 8 | • |
| Croydon | 1019·2 | +1 | NE'E | 4 | c+ | 42 | 65 | 6 | 2500 | CuNb | 9 | – | 9 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1019·3 | +1 | ENE | 6 | cbr₀ | 43 | 75 | 9 | 2500 | StCu | 7 | ACu | 8 | • |
| Grain | 1020·1 | +1 | ENE | 5 | bjp | 40 | 85 | 8 | 2500 | CuNb | 9 | – | 9 | • |
| Lympne | 1018·6 | -1 | N | 1 | c/5 | 37 | 97 | 8 | 450 | St | 4 | ASt | 8 | • |
| Scilly (St. Mary's) | 1015·0 | -1 | E | 4 | bc | 46 | 75 | 8 | 4000 | Cu | 3 | Ci | 5 | • |
| Falmouth (Pendennis) | 1015·6 | -2 | E | 6 | bc | 45 | 85 | 7 | 4000 | Cu | 6 | – | 6 | • |
| Plymouth (Cattewater) | 1016·5 | -1 | ENE | 4 | bc | 44 | 65 | 7 | 4000 | Cu | 2 | ACu | 6 | • |
| Portland Bill | 1016·4 | +1 | NE | 6 | bc | 42 | 75 | 7 | 4000 | Cu | 4 | – | 4 | • |
| Southampton (Calshot) | 1018·6 | +1 | NE | 5 | b | 44 | 65 | 6 | 2500 | StCu | 3 | – | 3 | • |
| Dungeness | 1018·4 | +2 | NE | 3 | bc/5 | 39 | 97 | 8 | 4000 | Cu | 2 | CuCu | 6 | • |
| Jersey | 1013·3 | 0 | E | 5 | bc/v | 47 | 75 | 8 | 4000 | StCu | 3 | Ci | 4 | • |

### Observations at 1800 G.M.T. 28th

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1024·6 | -2 | NNW | 2 | bc | 37 | 85 | 7 | 4000 | CuNb | 2 | ACu | 5 | 1 |
| Stornoway | 1028·4 | -2 | NE | 3 | 0 | 40 | 85 | 7 | 800 | St | 10 | – | 10 | 2 |
| Wick | 1026·0 | -2 | N | 3 | o/r | 39 | 92 | 8 | 2500 | CuNb | 10 | – | 10 | 3 |
| Castlebay | 1027·5 | -1 | N | 3 | bcpr₀ | 42 | 85 | 7 | 1500 | CuNb | 6 | – | 6 | 3 |
| Nairn | 1026·9 | • | NNW | 2 | c+ | 41 | 85 | 8 | 1500 | St | 8 | – | 8 | • |
| Aberdeen | 1026·2 | 0 | N'W | 2 | bc | 38 | 92 | 8 | 4000 | StCu | 6 | – | 6 | 1 |
| Malin Head | 1025·0 | -1 | NE | 4 | bc | 44 | 75 | 8 | 4000 | Cu | 4 | – | 4 | 4 |
| Renfrew | 1026·0 | 0 | NE | 2 | b | 39 | 75 | 6 | 5700 | StCu | 3 | – | 3 | • |
| Edinburgh (Inchkeith) | 1024·9 | 0 | NNE | 2 | c | 41 | 85 | 8 | – | St | 4 | ASt | 7 | 2 |
| Leuchars | 1025·6 | 0 | N | 2 | bc | 39 | 85 | 8 | 4000 | StCu | 4 | – | 4 | • |
| Eskdalemuir | 1025·5 | 0 | N'E | 4 | cdd | 34 | 97 | 7 | 1500 | Nb | 7 | – | 7 | • |
| Tynemouth | 1023·4 | 0 | N | 3 | bcjp | 43 | 75 | 7 | 4000 | CuNb | 6 | – | 6 | 2 |
| Blacksod Point | | | | | | | | | | | | | | |
| Donaghadee | 1024·8 | -2 | E'N | 3 | bc+ | 46 | 85 | 8 | 4000 | Cu | 3 | – | 3 | 3 |
| Birr Castle | 1023·1 | • | NE | 1 | b | 38 | 85 | 7 | 2500 | St | 3 | – | 3 | • |
| Holyhead | 1022·5 | -1 | NE'E | 4 | c+ | 44 | 75 | 8 | 2500 | St | 7 | – | 7 | 2 |
| Liverpool (Bidston) | 1022·8 | +1 | NE | 3 | c+ | 42 | 75 | 6 | 2500 | Cu | 4 | ASt | 7 | 3 |
| Chester (Shotwick) | 1022·5 | 0 | NNE | 2 | bcf | 37 | 85 | 3 | 4000 | StCu | 3 | ACu | 5 | • |
| Spurn Head | 1021·0 | 0 | NE'N | 5 | bcjp | 43 | 92 | 8 | 4000 | Cu | 5 | – | 5 | 5 |
| Nottingham | 1021·6 | • | NE | 2 | b | 37 | 85 | 5 | 4000 | Cu | 1 | – | 1 | • |
| Cranwell | 1022·5 | +1 | NNE | 3 | bc/v | 37 | 92 | 8 | 2500 | StCu | 4 | – | 4 | • |
| Gorleston | 1019·6 | 0 | E'S | 5 | bcPH | 40 | 75 | 7 | 4000 | CuNb | 6 | – | 6 | 4 |
| Valencia (Cahirciveen) | 1013·2 | 0 | SE'S | 5 | b | 43 | 45 | 9 | – | Cu | 1 | – | 1 | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1019·6 | +1 | NE'E | 4 | b | 41 | 65 | 7 | 4000 | StCu | 3 | – | 3 | 3 |
| Ross-on-Wye | 1020·2 | 0 | ENE | 2 | b- | 37 | 75 | 7 | – | – | 0 | – | 0 | • |
| Benson | 1019·9 | 0 | NE | 3 | b- | 33 | 85 | 6 | – | – | 0 | – | 0 | • |
| Andover | 1019·0 | 0 | NE | 3 | b | 35 | 75 | 8 | – | – | 0 | – | 0 | • |
| S. Farnborough | 1019·5 | +1 | NE | 1 | mb+ | 32 | 85 | 5 | – | – | 0 | – | 0 | • |
| London (Kew Obsy.) | 1019·4 | 0 | ENE | 3 | b+ | 40 | 65 | 4 | – | – | 0 | ACu | 3 | • |
| Croydon | 1019·7 | +1 | ESE | 2 | b | 33 | 85 | 5 | – | – | 0 | – | 0 | • |
| Clacton-on-Sea | 1019·5 | +1 | N | 4 | c/h | 37 | 92 | 7 | 2500 | CuNb | 7 | – | 7 | 2 |
| Shoeburyness | 1019·3 | 0 | ENE | 4 | b/r | 35 | 85 | 8 | 2500 | Cu | 2 | – | 2 | • |
| Grain | 1019·7 | +1 | NNE | 5 | cPH | 38 | 97 | 8 | 2500 | CuNb | 7 | – | 7 | 3 |
| Lympne | 1019·8 | +1 | NNE | 4 | bc | 33 | 97 | 8 | 1500 | Cu | 4 | ASt | 5 | • |
| Scilly (St. Mary's) | 1014·2 | -1 | E | 5 | o | 45 | 75 | 8 | 4000 | StCu | 10 | – | 10 | 6 |
| Falmouth (Pendennis) | 1014·9 | 0 | ENE | 8 | bc- | 44 | 85 | 7 | 4000 | Cu | 5 | – | 5 | 6 |
| Plymouth (Cattewater) | 1015·7 | 0 | ENE | 4 | b- | 42 | 65 | 7 | 2500 | St | 1 | – | 1 | 0 |
| Portland Bill | 1016·4 | 0 | E'N | 6 | bc | 42 | 75 | 7 | 1500 | StCu | 4 | – | 4 | 5 |
| Southampton (Calshot) | 1018·6 | +1 | NE | 4 | b- | 38 | 85 | 7 | – | – | 0 | – | 0 | 4 |
| Dungeness | 1018·0 | 0 | E | 4 | bcR | 40 | 85 | 8 | 4000 | Cu | 5 | – | 5 | 4 |
| Jersey | 1012·2 | 0 | E | 5 | b | 44 | 65 | 8 | – | – | 0 | – | 0 | 6 |

### LONDON OBSERVATIONS.

| | Weather. Morning. | Weather. Afternoon. | Weather. Night. | Temperature. Max. °F. | Temperature. Min. °F. | Temperature. Min. on Grass. °F. | Rainfall. mm. Day. | Rainfall. mm. Night. | Sunshine to Sunset. hrs. | Humidity. 15h. G.M.T. % | Humidity. 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 HOURS ENDED 0900 G.M.T. 29th | | | | | | | | YESTERDAY. | | TO-DAY. |
| Kew | bmwcmy | bczybc | bbccx | • | • | 22 | – | fr | 4·3 | • | • |
| Croydon | bmwcz | ocbczn | oms | • | • | 24 | – | fr | 5·2 | • | • |
| Greenwich (Royal Obsy.) | bc | bc | bcf | 46 | 32 | 24 | – | 0·3 | 6·6 | 74 | 63 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 4·4 | • | • |
| Westminster (St. James' Pk.) | • | • | • | | | | | | 4·8 | | |
| Regent's Pk. (Botanic Gdns.) | • | • | • | • | • | • | • | • | | • | • |
| Camden Square | b | ⊙ | • | 47 | 31 | 29 | – | – | • | • | 71 |
| Kensington Palace | bc0 | bx | • | 45 | 33 | 27 | – | – | | 66 | 71 |
| Hampstead Observatory | • | • | • | | | • | | | 6·9 | • | |

### ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 25th

| South Kensington Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

| Kew Observatory Max. | Time. | Min. | Time. |
|---|---|---|---|
| | | | |

### SOLAR RADIATION. Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

### POLE STAR RECORD at Greenwich Obsy.

Exposure from 28th ..... h. ..... m. to 29th ..... h. ..... m.

| Stars. | Exposure. h. m. | Record. h. m. | Record. % |
|---|---|---|---|
| Polaris | | | |
| δ Ursae Minoris | | | |

### RADIO DISTURBANCES (Atmospherics) AT CROYDON.[1]

| Time. | Type. | No. per 4 sec. | Siren. | Direc. |
|---|---|---|---|---|
| 13h. | C | 6 | – | 135 |
| 18h. | C | 6 | – | 120 |
| 01h. | C | 6 | – | 110 |
| 07h. | C | 6 | – | 85 |

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

29th & 30th October, 1922.

| STATIONS. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6·44 / 6·46 | 11·34 / 11·34 | 4·30 / 4·28 |
| Greenwich | 6·49 / 6·51 | 11·44 / 11·44 | 4·29 / 4·24 |
| Wick | 7·22 / 7·25 | 11·56 / 11·56 | 4·30 / 4·24 |
| Valencia | 7·31 / 7·33 | 12·25 / 12·26 | 5·19 / 5·14 |

### BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; i = intermittent; – = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—

R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

### SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

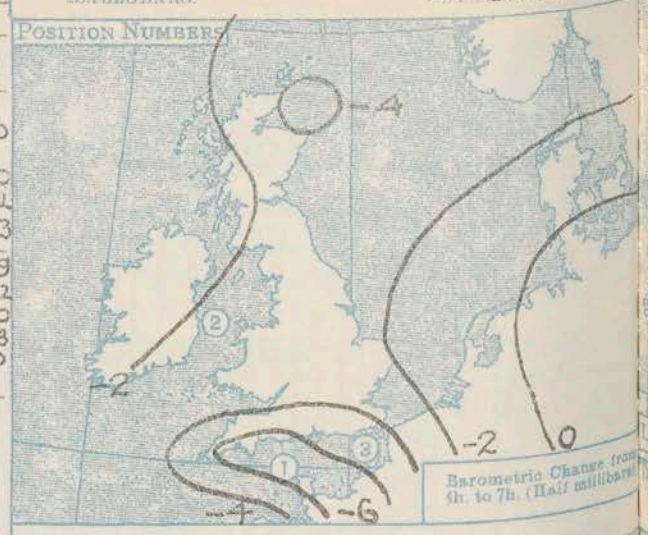
[1] For explanation see Introduction. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

SUMMARIES FOR THE PAST 24 HOURS.

| Stations. | Weather. 7h.-13h. 28th | 13h.-18h. 28th | 18h. 28th to 1h 29th | 1h.-7h. 29th | Temperature. Max. Day. 7h.-18h. | Min. Night. 18h.-7h. | Min. on Grass | Rainfall.‡ Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | Sun. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | bcp | bc | bcp | bc | 40 | 34 | • | Trace | 0·2 | <0800 | <2100 | |
| Stornoway ... ... | o | o | c | bc | 43 | 31 | • | – | 0·5 | – | – | 0·0 |
| Wick ... ... ... | opqq | o | c | ciro | 44 | 34 | • | 0·2 | 0·4 | 09.00 | 0230 | • |
| Castlebay ... ... | bc | bcocp | cpc | co | 45 | 42 | • | 3 | 0·5 | 15.30 | – | 3·0 |
| Nairn ... ... ... | bogc | cq | cq | cq | 43 | 34 | • | – | – | – | – | 0·2 |
| Aberdeen ... ... | cpoh | proBc | coHD | bx | 44 | 32 | 27 | 1 | Trace | 11.00 | 2200 | 2·3 |
| Malin Head ... ... | cv | cv | c | c | 45 | 39 | • | – | – | – | – | 7·9 |
| Renfrew ... ... | bbc3 | cbc3 | bbmx | | 46 | 19 | 10 | – | – | – | – | 7·2 |
| Edinburgh (Inchkeith) | c | c | b | b | 43 | 34 | 31 | – | – | – | – | 5·0 |
| Leuchars ... ... | c | c | b-bc | | 45 | 26 | 13 | – | – | – | – | 5·3 |
| Eskdalemuir ... ... | bcopS | prscd | ord | ord | 39 | 33 | 30 | 5 | 1 | <0800 | <2100 | 5·0 |
| Tynemouth ... ... | cpyh | cpo | bcmpo | bcmp | 45 | 36 | 33 | 1 | 1 | <0800 | 2200 | • |
| Blacksod Point ... | | | | | | | | | | | | • |
| Donaghadee ... ... | bc | bc | bc | bc | 47 | 42 | • | – | – | – | – | • |
| Birr Castle ... ... | bcco | cobd | bcx | cox | 46 | 31 | 23 | – | – | – | – | • |
| Holyhead ... ... | bc | bcc | pobcb | bb | 46 | 39 | 34 | – | Trace | – | <2100 | 8·5 |
| Liverpool (Bidston) ... | bbc | bc | b-bc | | 44 | 33 | • | – | – | – | – | 7·3 |
| Chester (Shotwick) ... | bbom3 | bcb3mf | bcbfx | bbcfx | 44 | 26 | 18 | – | – | – | – | • |
| Spurn Head ... ... | cphbc | bcqp | b-bc | b-bc | 47 | 41 | • | Trace | – | <0800 | – | 6·1 |
| Nottingham ... ... | pso | c | b | psr | 45 | 34 | 30 | Trace | 0·2 | 11.00 | 0430 | 7·5 |
| Cranwell ... ... | bcpsr | bbct | c | xprs | 45 | 30 | 25 | Trace | 0·5 | 12.30 | <2100 | 6·6 |
| Gorleston ... ... | cphq | cqphr | cqphr | bq | 45 | 37 | 35 | 4 | 1 | <0800 | <2100 | 2·0 |
| Valencia (Cahirciveen) | b | b | b | b | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | bbc | bbc | b-bc | b-bc | 45 | 35 | • | – | – | – | – | 8·1 |
| Ross-on-Wye ... ... | cb3bc | bccbeb | bbmxbc | bxbcx | 44 | 30 | 22 | – | – | – | – | 6·3 |
| Benson... ... ... | bc | cto3b | bx | bbccx | 46 | 28 | 24 | Trace | – | 15.30 | – | • |
| Andover ... ... | b | b | b | bbccox | 44 | 29 | 24 | – | – | | – | 8·5 |
| S. Farnborough ... | bcxcybc | cpro | bx bcc om | | 44 | 29 | 21 | Trace | 1 | 14.30 | – | 6·1 |
| London (Kew Obsy.) ... | bmwc3y | bc3ybz | bmembm | bbccx | 44 | 33 | 22 | – | Trace | – | 0630 | 4·9 |
| Croydon ... ... | bmxc3 | ocbc3m | bmxos | oms | 44 | 30 | 24 | – | Trace | – | 2400 | 5·2 |
| Cleaton-on-Sea ... | bccph | bcphc | cbbcc | cpbc | 45 | 35 | 32 | 3 | 1 | <0800 | 0230 | 4·2 |
| Shoeburyness ... ... | bccphxc | b | bbccpRq | cq | 45 | 33 | 32 | 1 | 3 | <0800 | <2100 | 3·2 |
| Grain ... ... ... | copPRfq | PRfqphc | cbrhqcm | bccoq | 42 | 35 | 35 | 3 | 2 | 09.00 | <2100 | 2·0 |
| Lympne ... ... | omfssc | cocbcprs | mmbccpr bc | bbcco | 40 | 31 | 28 | 6 | 0·4 | 09.00 | 2200 | 1·5 |
| Scilly (St. Mary's) ... | bc | bco | bq | coq | 47 | 40 | • | – | – | – | – | 5·4 |
| Falmouth (Pendennis) | bcq | bcqm | bcqq | | 45 | 37 | • | – | – | – | – | 5·2 |
| Plymouth (Cattewater) | bbc | bcb | | | | | | – | | – | | |
| Portland Bill ... ... | c | c | cb | bbco | 46 | 35 | • | – | – | – | – | • |
| Southampton (Calshot) | bbc | bcmb | b-bc | o | 45 | 35 | 33 | – | – | – | – | 4·7 |
| Dungeness ... ... | ps | ctR | psq | oprcq | 42 | 36 | • | 3 | 0·4 | <0800 | <2100 | • |
| Jersey ... ... | oYYcb | bbcb | o | oSS | 48 | 32 | • | 1 | 0·4 | <0800 | 0630 | 6·5 |

ISALLOBARS. 29th October, 1922

POSITION NUMBERS




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. |
|---|---|---|---|---|---|---|---|
| 1 | 28th 1200 | Ibex | ENE | 7 | PH | 45 | 55 |
| 3 | 29th 0300 | Dieppe | ESE | 6 | bc | 40 | 53 |

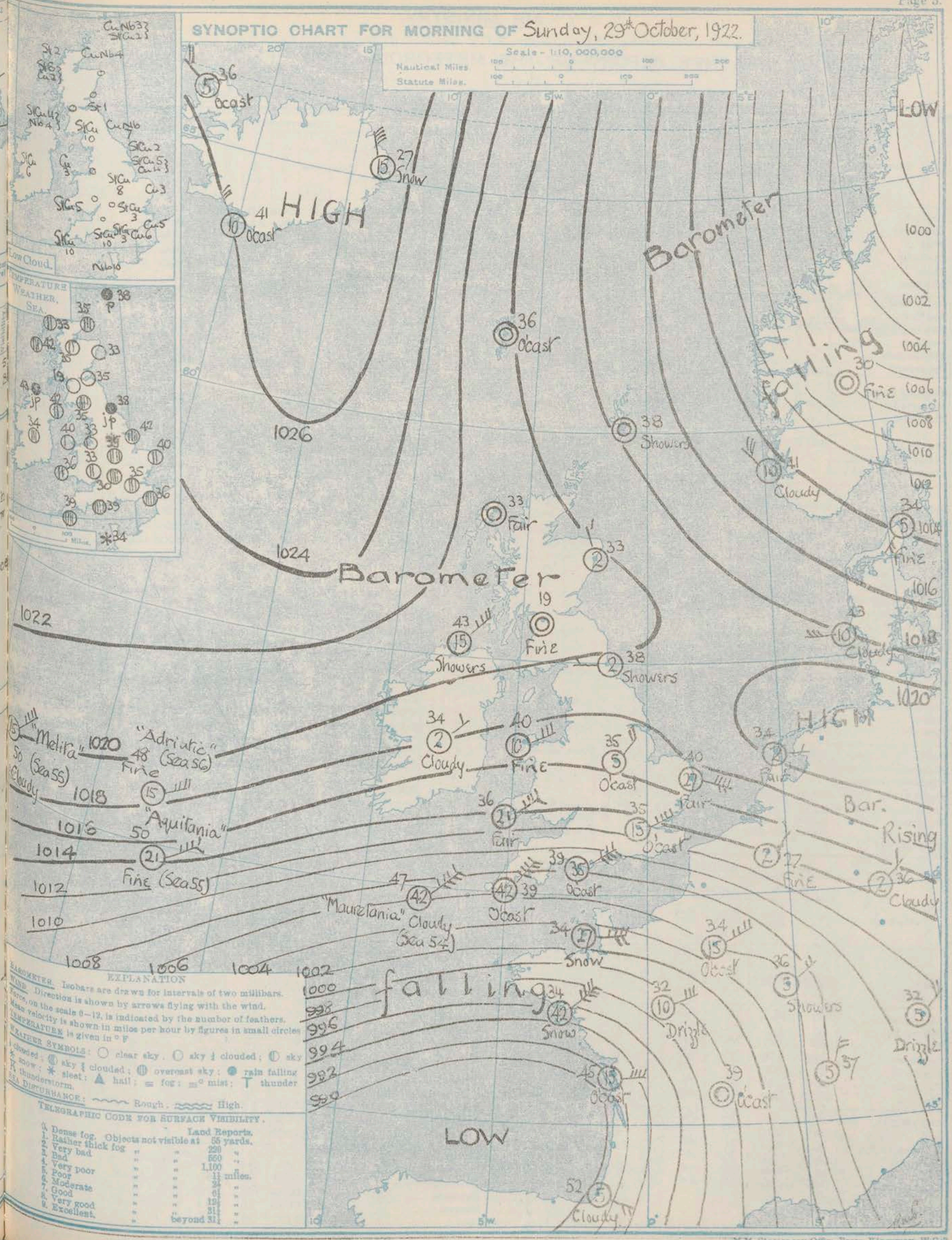
GENERAL INFERENCE.

Pressure remains high to North of the British Isles and the flow of air will continue to be from between North and East. The easterly wind will reach gale force at times in the Channel and Southern North Sea and snow will fall locally in the South

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, October 29th, 1922 | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands<br>6. S.W. England | Wind E. to N.E, fresh or strong, a gale in places; variable sky, some showers of snow or sleet; visibility mainly good; cold. | Cold with winds between N. and E for several days |
| 5. South Wales<br>7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England | Wind E to NE, moderate to strong, variable sky, sleet or snow showers in places; visibility mainly good; cold. | |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man | Wind between N & E, light to moderate; variable sky, some showers of snow or sleet; visibility mainly good; cold. | |
| 14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | Wind Northerly, light or moderate; variable sky, some showers of sleet; visibility moderate to good; cold. | North Cone flying. |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Wind NE moderate to fresh; variable sky, some showers of sleet or rain; visibility mainly good; cold. | |

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at G.M.T. G. C. SIMPSON, F.R.S., Director.

‡ For Code see opposite page.




H.M. Stationery Office Press, Kingsway, W.C.2

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:



BRITISH SECTION. SUNDAY, 29th October 1922. No. 302

**Observations at 0100 G.M.T. 29th**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1021·5 | -2 | N | 1 | bcp | 36 | 85 | 7 | 4000 | CuNb | 4 | ASt | 5 | • |
| Stornoway | 1027·2 | -3 | ENE | 2 | Y | • | • | • | • | • | • | • | • | • |
| Wick | 1023·6 | -3 | WNW | 2 | bc | 35 | 92 | 9 | 2500 | CuNb | 4 | Ci | 5 | • |
| Castlebay | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Malin Head | 1024·1 | -1 | NE | 3 | bc | 45 | 75 | 8 | 5700 | StCu | 2 | - | 2 | • |
| Renfrew | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Edinburgh (Inchkeith) | 1024·6 | 0 | NNW | 1 | bc- | 38 | 75 | 8 | - | StCu | 2 | - | 2 | • |
| Leuchars | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Eskdalemuir | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Tynemouth | 1023·6 | -1 | W | 1 | b/r | 37 | 85 | 6 | - | - | 0 | - | 0 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Birr Castle | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Holyhead | 1021·2 | -3 | ENE | 3 | bc | 41 | 85 | 8 | 2500 | Cu | 3 | - | 3 | • |
| Liverpool (Bidston) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Chester (Shotwick) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Spurn Head | 1020·8 | -1 | NE | 5 | bc | 44 | 75 | 8 | 4000 | Cu | 4 | - | 4 | • |
| Nottingham | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Cranwell | 1021·2 | -2 | N | 2 | 0/s | 32 | 97 | 7 | 2500 | StCu | 9 | - | 9 | • |
| Gorleston | 1020·8 | 0 | E'S | 6 | bc- | 43 | 55 | 8 | 4000 | Cu | 2 | - | 2 | • |
| Valencia (Cahirciveen) | | -2 | E | 4 | b | 39 | 85 | 7 | - | - | 0 | - | 0 | • |
| Roches Point | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Pembroke (St. Ann's H.) | 1017·0 | -4 | NE | 5 | b | 37 | 75 | 8 | - | - | 0 | - | 0 | • |
| Ross-on-Wye | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Benson | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Andover | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| S. Farnborough | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| London (Kew Obsy.) | • | • | • | • | • | 36 | • | • | | • | • | • | • | • |
| Croydon | 1017·7 | -3 | ENE | 1 | 0s-s | 32 | 97 | 6 | 2500 | StCu | 10 | - | 10 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Grain | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Lympne | 1017·0 | -2 | ENE | 5 | bc/r | 36 | 92 | 8 | 2500 | Cu | 2 | - | 2 | • |
| Scilly (St. Mary's) | 1011·3 | -4 | E | 6 | bc+ | 41 | 85 | 7 | 4000 | StCu | 1 | - | 1 | • |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Portland Bill | 1013·3 | -3 | ENE | 7 | b | 37 | 85 | 6 | - | - | 0 | - | 0 | • |
| Southampton (Calshot) | 1015·2 | -4 | NE | 5 | c+ | 37 | 85 | 8 | 4000 | StCu | 7 | - | 7 | • |
| Dungeness | 1015·4 | -4 | ESE | 6 | c+ | 37 | 75 | 8 | 4000 | Cu | 6 | - | 6 | • |
| Jersey (7h) / Guernsey (1h) | 1010·1 | -5 | ENE | 8 | c | 42 | 75 | 8 | 4000 | Cu | 1 | CiSt | 6 | • |

**Observations at 0700 G.M.T. 29th**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1017·8 | -3 | - | 0 | bcp | 38 | 85 | 7 | 4000 | CuNb | 5 | - | 5 | 0 |
| Stornoway | 1020·9 | -3 | - | 0 | bc | 33 | 92 | 7 | 800 | St | 2 | ACu | 3 | 0 |
| Wick | 1019·5 | -4 | WNW | 2 | c/r | 35 | 92 | 9 | 2500 | CuNb | 4 | ACu | 7 | 0 |
| Castlebay | 1021·7 | -2 | N | 2 | c | 42 | 75 | 8 | 1500 | StCu | 8 | - | 8 | 1 |
| Nairn | 1020·2 | • | - | 0 | c | 35 | 85 | 8 | 1500 | St | 6 | - | 6 | • |
| Aberdeen | 1021·1 | -2 | NNW | 1 | b | 33 | 85 | 8 | - | - | 0 | - | 0 | 0 |
| Malin Head | 1020·7 | -2 | NE | 4 | cjp | 43 | 85 | 8 | 5700 | StCu | 8 | - | 8 | 3 |
| Renfrew | 1022·3 | -2 | - | 0 | b | 19 | 97 | 5 | - | - | 0 | - | 0 | • |
| Edinburgh (Inchkeith) | 1021·5 | -2 | SW | 1 | b | 35 | 85 | 8 | - | St | 1 | - | 1 | 1 |
| Leuchars | 1021·4 | -2 | N | 1 | b | 28 | 92 | 8 | - | - | 0 | - | 0 | • |
| Eskdalemuir | 1021·1 | -2 | NE'N | 2 | o/r | 35 | 92 | 6 | 1500 | StCu | 10 | - | 10 | • |
| Tynemouth | 1019·9 | -3 | W | 1 | cjp | 38 | 97 | 6 | 4000 | CuNb | 7 | - | 7 | 1 |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1020·3 | -2 | ESE | 2 | bc- | 42 | 85 | 8 | 4000 | CuNb | 5 | - | 5 | 2 |
| Birr Castle | 1018·4 | • | NE | 1 | c+ | 34 | 97 | 7 | 4000 | StCu | 6 | - | 6 | • |
| Holyhead | 1016·6 | -2 | ENE | 3 | bc | 40 | 85 | 8 | 2500 | Cu | 3 | - | 3 | 1 |
| Liverpool (Bidston) | 1017·8 | -3 | ENE | 3 | bc+ | 33 | 85 | 6 | - | - | 0 | CiSt | 3 | 4 |
| Chester (Shotwick) | 1018·0 | -3 | N | 1 | c+ | 29 | 85 | 3 | 4000 | StCu | 4 | Ci | 7 | • |
| Spurn Head | 1017·7 | -3 | ENE | 4 | 0 | 42 | 85 | 8 | 4000 | StCu | 9 | - | 9 | 4 |
| Nottingham | 1017·4 | • | NE | 2 | 0 | 35 | 92 | 7 | 1500 | StCu | 8 | ACu | 9 | • |
| Cranwell | 1019·5 | -2 | N'E | 2 | 0/s | 33 | 97 | 7 | 800 | StCu | 8 | CiCu | 9 | • |
| Gorleston | 1017·7 | -2 | E'S | 6 | bc+ | 40 | 65 | 7 | 4000 | Cu | 3 | CiSt | 5 | 4 |
| Valencia (Cahirciveen) | 1016·4 | -4 | SE'S | 5 | bc- | 39 | 85 | 9 | - | Cu | 3 | - | 3 | |
| Roches Point | 1013·7 | -3 | NE | 5 | bc+ | 36 | 75 | 8 | 4000 | StCu | 5 | - | 5 | 4 |
| Pembroke (St. Ann's H.) | 1014·9 | -3 | NE'E | 4 | bc | 33 | 75 | 8 | - | - | 0 | ASt | 5 | • |
| Ross-on-Wye | 1013·7 | -3 | NE | 4 | c+ | 30 | 75 | 8 | - | - | 0 | CiSt | 8 | • |
| Benson | 1012·1 | -4 | NE | 4 | 0 | 33 | 85 | 8 | - | - | 0 | ASt | 9 | • |
| Andover | 1013·1 | -4 | ENE | 3 | f/o | 32 | 85 | 5 | 2500 | StCu | 10 | - | 10 | • |
| S. Farnborough | 1013·2 | -4 | ENE | 4 | c+ | 35 | 75 | 7 | 2500 | StCu | 3 | CiSt | 8 | • |
| London (Kew Obsy.) | 1013·8 | -5 | E | 3 | 0/s | 33 | 75 | 7 | 2500 | StCu | 3 | CiSt | 9 | • |
| Croydon | 1015·0 | -2 | E | 5 | bc/r | 41 | 75 | 7 | 2500 | Cu | 3 | ACu | 5 | 5 |
| Clacton-on-Sea | 1014·4 | -3 | E | 7 | 0 | 39 | 75 | 8 | 4000 | Cu | 1 | Ci | 8 | 4 |
| Shoeburyness | 1013·8 | -5 | ENE | 7 | 0+ | 41 | 75 | 8 | 2500 | StCu | 3 | CiSt | 9 | 6 |
| Grain | 1012·4 | -5 | ENE | 6 | 0 | 36 | 75 | 8 | 800 | Cu | 5 | ASt | 10 | • |
| Lympne | 1007·8 | -5 | E'N | 6 | 0+ | 41 | 75 | 7 | 4000 | StCu | 10 | - | 10 | 7 |
| Scilly (St. Mary's) | 1006·0 | -6 | NE | 8 | 0+ | 39 | 75 | 8 | 4000 | StCu | 10 | - | 10 | 8 |
| Falmouth (Pendennis) | | | | | | | | | | | | | | • |
| Plymouth (Cattewater) | 1007·3 | -6 | ENE | 7 | 0+ | 39 | 85 | 7 | 1500 | StCu | 10 | - | 10 | 6 |
| Portland Bill | 1010·6 | -5 | NE'E | 6 | 0 | 37 | 75 | 8 | 1500 | StCu | 3 | ASt | 10 | 3 |
| Southampton (Calshot) | 1010·5 | -5 | ESE | 7 | c | 39 | 75 | 8 | 2500 | Cu | 6 | - | 6 | 7 |
| Dungeness | 1002·4 | -4 | E | 6 | SS | 34 | 85 | 4 | 800 | Nb | 10 | - | 10 | 6 |

**WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28th Oct.**

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 27th-28th °F. | Temperature. Max. Day. 28th °F. | Rainfall.† Night 17h.-9h. 27th-28th mm. | Rainfall.† Day 9h.-17h. 28th mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. 28th hr. |
|---|---|---|---|---|---|---|---|---|
| Banff | cbcph | bccc | 37 | 45 | 2 | 1 | | 1·0 |
| Montrose | - | - | 33 | 44 | - | - | | 3·0 |
| Llandudno | bb | bbc | 37 | 46 | - | - | | 8·0 |
| Colwyn Bay | bc | bc | 40 | 44 | - | - | | * |
| Rhyl | bc | bc | 34 | 45 | - | - | | 7·5 |
| Southport | bb | bcc | 30 | 45 | - | - | | 6·4 |
| Blackpool | b | bbc | 31 | 45 | - | - | | 7·3 |
| Harrogate | bbc | bcb | 29 | 41 | 0·2 | 0·4 | | 6·9 |
| Skegness | obcb | bbc | 37 | 46 | 2 | 0·2 | | 6·3 |
| Aberystwyth | ocb | b | 34 | 46 | - | - | | 8·2 |
| Bath | b | bbc | 29 | 46 | - | - | | 8·3 |
| Leamington Spa | bc | bc | 31 | 45 | - | - | | 6·9 |
| Lowestoft | ocbc | shp | 37 | 45 | 2 | 3 | | 2·5 |
| Felixstowe | bc | cphbc | 35 | 44 | 2 | 0·4 | | 6·0 |
| Southend | coc | hsc | 34 | 44 | - | 3 | | 3·2 |
| Paignton | rubcc | bcqrq | 39 | 47 | - | - | | 5·4 |
| Ilfracombe | bcb | bbcc | 40 | 46 | - | - | | 5·8 |
| Bude | xbcbb | bb | 34 | 46 | - | - | | 8·1 |
| Penzance | bb | oco | 36 | 47 | - | - | | 5·6 |
| Falmouth Observatory | bbcc | bcoq | 36 | 46 | - | - | | 5·1 |
| Torquay | b | b | 36 | 47 | - | - | | 3·0 |
| Weymouth | b | b | 32 | 47 | - | - | | 4·9 |
| Bournemouth | b | b | 30 | 46 | - | - | | 6·5 |
| Portsmouth (S'thsea) | b | b | 35 | 45 | - | - | | 7·4 |
| Worthing | bc | bcb | 35 | 45 | - | - | | 6·0 |
| Brighton | c | opcb | 36 | 44 | - | - | | 5·8 |
| Eastbourne | ro | cbccbc | 37 | 45 | 0·5 | 1 | | 3·0 |
| Hastings | rs | r | 34 | 44 | 17 | 7 | | 2·5 |
| Folkestone | ocors | ocors | 32 | 40 | 1 | 3 | | 0·6 |
| Tunbridge Wells | bcow | bbcho | 36 | 46 | 6 | 1 | | 2·5 |
| Ramsgate | cbo | cbrbc | 38 | 48 | 3 | 5 | | 3·0 |
| Margate | hqcr | rqcc | 38 | 46 | 7 | 2 | | 2·7 |
| Deal | | | | | | | | |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 3. ‡ See footnote page 1.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.22257 MONDAY, 30th OCTOBER 1922. Page 1.

Observations at 1300 G.M.T. 29th

| Stations | Barom. at M.S.L. m.b. | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1016·1 | -2 | N | 2 | cpr₀ | 40 | 85 | 7 | 5700 | Cu Nb | 3 | A Cu | 8 | • |
| Stornoway | 1018·0 | -3 | NW | 3 | b | 45 | 85 | 7 | 4000 | Cu | 3 | - | 3 | • |
| Wick | 1016·7 | -4 | NW | 2 | c | 45 | 75 | 9 | 2500 | Nb | 6 | Ci | 8 | • |
| Castlebay | 1018·7 | -2 | NNW | 3 | bc | 46 | 75 | 8 | 2500 | Cu | 4 | - | 4 | • |
| Nairn | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Aberdeen | 1018·0 | -4 | NW | 2 | b | 44 | 75 | 8 | 4000 | St Cu | 2 | - | 2 | • |
| Malin Head | 1017·8 | -6 | NE | 4 | c | 45 | 75 | 9 | 5700 | St Cu | 7 | - | 7 | • |
| Renfrew | 1018·2 | -6 | - | 0 | ffb | 40 | 75 | 4 | - | - | 0 | - | 0 | • |
| Edinburgh (Inchkeith) | 1018·3 | -5 | N | 1 | b | 43 | 65 | 8 | - | - | 0 | - | 0 | • |
| Leuchars | 1018·2 | -4 | | 1 | b | 43 | 65 | 8 | - | - | 0 | - | 0 | • |
| Eskdalemuir | 1017·8 | -3 | NNE | 4 | od₀ | 40 | 85 | 7 | 1500 | St Cu | 9 | - | 9 | • |
| Tynemouth | 1017·2 | -3 | E | 2 | bcjp | 45 | 85 | 7 | 4000 | Cu Nb | 3 | Ci Cu | 6 | • |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1017·4 | -4 | E | 2 | c+ | 45 | 75 | 8 | 4000 | Cu Nb | 8 | - | 8 | • |
| Birr Castle | 1015·9 | • | E | 1 | c/r | 43 | 85 | 7 | 4000 | St Cu | 8 | • | 8 | • |
| Holyhead | 1013·5 | -5 | ENE | 5 | c | 45 | 75 | 8 | 2500 | St Cu | 6 | Ci St | 8 | • |
| Liverpool (Bidston) | 1012·4 | -4 | SSW | 3 | c+ | 43 | 65 | 5 | 2500 | St | 8 | - | 8 | • |
| Chester (Shotwick) | 1014·0 | -3 | NE | 4 | c ⊕ | 43 | 75 | 4 | - | - | 0 | Ci St | 8 | • |
| Spurn Head | 1013·9 | -4 | ENE | 6 | cjp | 46 | 85 | 8 | 4000 | Cu | 8 | - | 8 | • |
| Nottingham | 1012·2 | • | E | 4 | c | 44 | 65 | 7 | 1500 | Cu Nb | 4 | Ci St | 7 | • |
| Cranwell | 1012·8 | -5 | E'N | 5 | o | 43 | 75 | 8 | 2500 | St Cu | 4 | A St | 9 | • |
| Gorleston | 1011·1 | -2 | E'N | 6 | bc+ | 42 | 55 | 7 | - | - | 0 | A Cu | 6 | • |
| Valencia (Cahirciveen) | 1013·7 | -7 | NE | 5 | c+ | 43 | 75 | 7 | • | Cu | 5 | Ci | 7 | • |
| Roches Point | | | | | | | | | | | | | | • |
| Pembroke (St. Ann's H.) | 1009·0 | -6 | NE | 6 | c | 43 | 55 | 8 | 2500 | St | 4 | Ci | 7 | • |
| Ross-on-Wye | 1006·2 | -7 | ENE | 6 | c+ | 40 | 55 | 8 | - | - | 0 | A Cu | 7 | • |
| Benson | 1008·1 | -7 | ENE | 6 | o | 41 | 65 | 8 | - | - | 0 | A St | 10 | • |
| Andover | 1006·3 | -6 | NE | 7 | o | 41 | 65 | 6 | 4000 | St | 2 | A St | 10 | • |
| S. Farnborough | 1007·8 | -7 | ENE | 6 | mmo | 41 | 65 | 6 | 1500 | St Cu | 6 | A St | 10 | • |
| London (Kew Obsy.) | 1007·6 | -6 | E'N | 6 | o | 42 | 65 | 6 | 2500 | Cu | 5 | A St | 10 | • |
| Croydon | 1007·7 | -7 | E | 6 | o | 41 | 75 | 7 | 2500 | St Cu | 6 | A St | 10 | • |
| Clacton-on-Sea | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Shoeburyness | 1008·8 | -6 | E'N | 7 | o+ | 43 | 75 | 8 | 4000 | Cu | 2 | A St | 10 | • |
| Grain | 1008·3 | -8 | ENE | 8 | o | 43 | 75 | 8 | 2500 | St Cu | 2 | A St | 10 | • |
| Lympne | 1006·7 | -7 | ENE | 6 | o | 39 | 75 | 8 | 1500 | St Cu | 5 | A St | 10 | • |
| Scilly (St. Mary's) | | | | | | | | | | | | | | • |
| Falmouth (Pendennis) | 1001·6 | -7 | NE | 8 | ors- | 37 | 92 | 5 | 4000 | Nb | 10 | - | 10 | • |
| Plymouth (Cattewater) | 1002·0 | -7 | NE | 6 | ors₀r₀ | 36 | 85 | 6 | 2500 | Nb | 10 | - | 10 | • |
| Portland Bill | 1001·3 | -5 | ENE | 8 | o+ | 41 | 85 | 6 | 4000 | St | 10 | - | 10 | • |
| Southampton (Calshot) | 1004·8 | -7 | ENE | 6 | o | 42 | 65 | 7 | 2500 | St | 7 | A St | 10 | • |
| Dungeness | 1005·5 | -7 | ESE | 8 | o+ | 41 | 85 | 7 | 2500 | Cu | 3 | Ci St | 10 | • |
| Jersey 7h / Guernsey 1h | 998·9 | -6 | ENE | 6 | o/rs | 40 | 94 | 6 | 600 | Nb | 10 | - | 10 | • |

Observations at 1800 G.M.T. 29th

| Stations | Barom. at M.S.L. m.b. | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud Low Form. | Cloud Low Amt. 0-10 | Cloud Upper Form. | Cloud Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1015·1 | -1 | NE | 3 | ofr | 39 | 75 | 7 | 4000 | St Cu | 10 | - | 10 | 2 |
| Stornoway | 1015·5 | -2 | NW | 1 | bc+ | 39 | 97 | 6 | 4000 | Cu | 6 | - | 6 | 0 |
| Wick | 1014·2 | -3 | NW | 2 | ofr | 43 | 75 | 9 | 2500 | Nb | 10 | - | 10 | 0 |
| Castlebay | 1015·5 | -2 | N | 2 | bc+ | 43 | 75 | 7 | 1500 | St Cu | 4 | - | 4 | 1 |
| Nairn | 1015·6 | • | - | 0 | bc- | 33 | 85 | 8 | 1500 | St | 3 | A Cu | 5 | • |
| Aberdeen | 1015·5 | -1 | NW | 2 | bc+ | 36 | 92 | 6 | 5700 | St Cu | 4 | - | 4 | • |
| Malin Head | 1014·9 | -3 | NNE | 4 | o | 44 | 75 | 8 | 5700 | St Cu | 10 | - | 10 | 3 |
| Renfrew | 1015·6 | -2 | - | 0 | bc+ | 29 | 92 | 4 | - | - | 0 | Ci | 5 | • |
| Edinburgh (Inchkeith) | 1015·2 | -1 | E | 1 | o+ | 40 | 75 | 8 | - | - | 0 | Ci St | 9 | 1 |
| Leuchars | 1016·6 | -2 | - | 0 | b | 32 | 85 | 8 | - | - | 0 | Ci | 3 | 4 |
| Eskdalemuir | 1014·9 | -2 | NNE | 2 | o/r | 36 | 92 | 6 | 1500 | St Cu | 10 | - | 10 | • |
| Tynemouth | 1013·8 | -3 | ENE | 3 | bc | 44 | 75 | 7 | 2500 | Cu Nb | 6 | - | 6 | 2 |
| Blacksod Point | | | | | | | | | | | | | | • |
| Donaghadee | 1014·9 | -4 | ENE | 3 | o | 45 | 85 | 8 | 4000 | St Cu | 9 | - | 9 | 3 |
| Birr Castle | 1011·2 | • | ENE | 3 | o/r₀ | 40 | 93 | 6 | 1500 | St | 9 | - | 9 | • |
| Holyhead | 1009·6 | -3 | ENE | 5 | bc | 45 | 75 | 8 | 2500 | St Cu | 6 | - | 6 | 4 |
| Liverpool (Bidston) | 1010·0 | -3 | ENE | 4 | o+ | 40 | 75 | 5 | 2500 | St | 5 | A St | 10 | 4 |
| Chester (Shotwick) | 1009·9 | -4 | NE | 4 | fo | 39 | 85 | 3 | 4000 | St Cu | 2 | A Cu | 10 | • |
| Spurn Head | 1009·8 | -4 | NE | 6 | o ⊕ | 44 | 85 | 7 | 1000 | St | 1 | A St | 10 | 6 |
| Nottingham | 1009·0 | • | NE | 5 | o | 40 | 75 | 7 | - | - | 0 | A St | 10 | • |
| Cranwell | 1009·4 | -3 | NNE | 4 | o | 40 | 75 | 8 | 5700 | St Cu | 6 | A St | 10 | • |
| Gorleston | 1009·6 | -6 | E'N | 7 | o | 43 | 75 | 7 | - | - | 0 | A St | 10 | 6 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1006·0 | -3 | E'N | 6 | o | 41 | 65 | 7 | - | - | 0 | A St | 10 | 4 |
| Ross-on-Wye | 1006·5 | -4 | E'N | 5 | o | 39 | 65 | 8 | - | - | 0 | A St | 10 | • |
| Benson | 1004·1 | -5 | NE | 5 | os₀ | 37 | 65 | 8 | - | - | 0 | A St | 10 | • |
| Andover | 1001·5 | -5 | NE | 6 | os₀ | 37 | 75 | 7 | 2500 | St | 7 | A St | 10 | • |
| S. Farnborough | 1001·9 | -8 | ENE | 6 | o/r | 38 | 85 | 8 | 1500 | St Cu | 10 | - | 10 | • |
| London (Kew Obsy.) | 1002·2 | -7 | ENE | 5 | opr₀ | 40 | 85 | 6 | 2500 | St | 10 | - | 10 | • |
| Croydon | 1002·6 | -6 | E'N | 5 | or₀r₀ | 40 | 75 | 6 | 1500 | Nb | 6 | A St | 10 | • |
| Clacton-on-Sea | 1005·2 | -3 | ENE | 6 | o+ | 42 | 75 | 7 | 1500 | Cu | 3 | A Cu | 10 | 5 |
| Shoeburyness | 1004·0 | -4 | ENE | 6 | o | 40 | 75 | 5 | 4000 | St Cu | 6 | A St | 10 | • |
| Grain | 1004·5 | -4 | ENE | 7 | s | 43 | 85 | 8 | 2500 | St Cu | 7 | A St | 10 | 6 |
| Lympne | 1002·0 | -6 | ENE | 6 | o/r | 36 | 97 | 8 | 1500 | Nb | 6 | A St | 10 | • |
| Scilly (St. Mary's) | | | | | | | | | | | | | | • |
| Falmouth (Pendennis) | 998·6 | -4 | NE | 6 | orsrs | 35 | 92 | 4 | 4000 | Nb | 10 | - | 10 | 8 |
| Plymouth (Cattewater) | 994·9 | -6 | NNE | 5 | ors₀rs₀ | 36 | 86 | 6 | 1500 | Nb | 10 | - | 10 | 1 |
| Portland Bill | 997·9 | -3 | ENE | 9 | opr₀ | 40 | 75 | 6 | 450 | St | 10 | - | 10 | 8 |
| Southampton (Calshot) | 1000·4 | -5 | ENE | 6 | o | 42 | 75 | 7 | 2500 | St | 8 | A St | 10 | 8 |
| Dungeness | 999·9 | -4 | ESE | 8 | orr | 40 | 77 | 7 | 2500 | Nb | 10 | - | 10 | 8 |
| Jersey 7h / Guernsey 1h | 991·3 | -3 | E | 6 | o/r | 41 | 92 | 6 | 500 | Nb | 10 | - | 10 | 6 |

| London Observations | Weather Morning | Weather Afternoon | Weather Night | Temperature Max. °F. | Temperature Min. °F. | Min. on Grass °F. | Rainfall mm. Day | Rainfall mm. Night | Sunshine to Sunset hrs. | Humidity 15h. G.M.T. % | Humidity 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 Hours ended 0900 G.M.T. 30th | | | | | | | | Yesterday. | | To-day. |
| Kew | cmbqz | oqmp | oqbpro | • | • | 37 | 0·2 | 3 | 0·2 | • | • |
| Croydon (24 hours ended 0700) | ozq | oqr₀r | oqr,RR | • | • | 36 | Tr | 5 | 0·2 | • | • |
| Greenwich (Royal Obsy.) | cq | od | ord | 42 | 40 | 38 | - | 2 | 0·3 | 67 | 87 |
| City (Bunhill Row) | • | • | • | • | • | • | • | • | 0·3 | • | • |
| Westminster (St. James' Pk.) | • | • | • | 43 | 40 | 38 | 4 | 0 | 0·4 | 66 | 81 |
| Regent's Pk. (Botanic Gdns). | • | • | • | • | • | • | • | • | • | • | • |
| Camden Square. | brp | - | • | 40 | 39 | 37 | - | 4 | • | • | 87 |
| Kensington Palace | bco | or | • | 48 | 38 | 37 | 0·4 | 3 | • | 80 | 87 |
| Hampstead Observatory | • | • | • | 40 | 36 | - | 0·3 | 4 | 1·6 | • | 8·8 |

**Atmospheric Pollution.** Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 1600 G.M.T. 29th

| South Kensington | | | |
|---|---|---|---|
| Max. | Time. | Min. | Time. |
| | | | |

| Kew Observatory | | | |
|---|---|---|---|
| Max. | Time. | Min. | Time. |
| | | | |

**Solar Radiation.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total .............. joules

Average Rate ..............Milliwatts.

Maximum Rate ..............Milliwatts.

**Pole Star Record at Greenwich Obsy.**

Exposure from 29th 17 h. 30 m. to 30th 06 h. 00 m.

| Stars. | Exposure. h. m. | Record. h. m. | % |
|---|---|---|---|
| Polaris | 12 30 | Nil | |
| δ Ursæ Minoris | 12 30 | Nil | |

**Radio Disturbances (Atmospherics) at Croydon.**[1]

| Time. | Type. | No. per sec. | Stren. | Direc. |
|---|---|---|---|---|
| 13h. | • | - | - | - |
| 18h. | C, C₂ | 6 | - | 140 |
| 0h. | C, C₂ | 6 | - | 160 |
| 07h. | C | 6 | - | 90 |

**Table showing the Greenwich Times of Sunrise, Noon, and Sunset for Stations in the United Kingdom.**

30th & 31st October, 1922.

| Stations. | Sunrise. G.M.T. | Noon. G.M.T. | Sunset. G.M.T. |
|---|---|---|---|
| Yarmouth | 6·46 / 6·48 | 11·34 / 11·34 | 4·28 / 4·26 |
| Greenwich | 6·51 / 6·53 | 11·44 / 11·44 | 4·34 / 4·35 |
| Wick | 7·15 / 7·28 | 11·56 / 11·56 | 4·24 / 4·21 |
| Valencia | 7·33 / 7·35 | 12·25 / 12·25 | 5·14 / 5·15 |

**Beaufort Notation of Weather.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. h hail. KQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail":

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus:—

R = heavy rain.
rr = continuous moderate rain.
r₀r₀ = continuous light rain.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**Sea Disturbance.**

0=no swell } Calm or
1=mod. swell } slight
2=heavy swell } sea.
3=no swell } Moderate
4=mod. swell } sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

[1] For explanation see Introduction. • Information for those columns not usually received. ‡ The barometric change is expressed in half millibars. § For code see page 3.

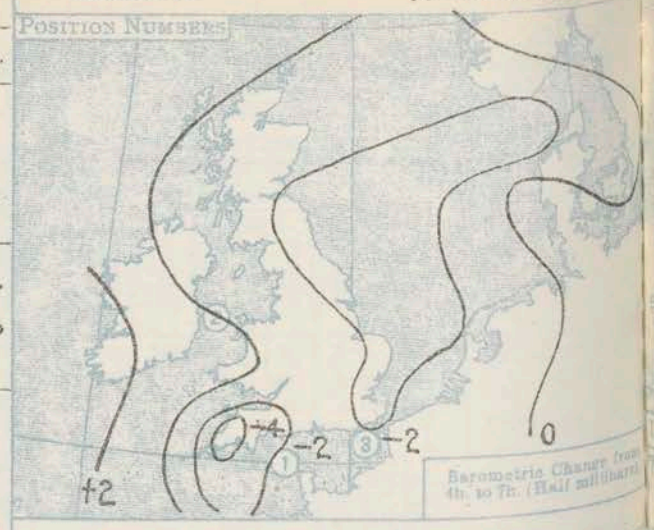
M.O. Form 2370.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.–13h. 29th | 13h.–18h. 29th | 18h. 29th to 1h. 30th | 1h.–7h. 30th | TEMPERATURE. MAX. Day. 7h.–18h. | MIN. Night. 18h.–7h. | MIN. on GRASS | RAINFALL.† Day. 7h.–18h. mm. | Night. 18h.–7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | op | op | bc | bc | 42 | 33 | • | 2 | • | <08·00 | • | • |
| Stornoway ... ... | bc | c | p | p | 45 | 36 | • | - | 3 | - | - | 2·9 |
| Wick ... ... ... | c | c.oir₀ | RRq | opcq | 45 | 36 | • | 1 | 0·4 | <08·00 | 0230 | 4·3 |
| Castlebay ... ... | o.bc | bc | bcobc | bcrbc | 46 | 41 | • | - | 3 | - | - | 6·4 |
| Nairn ... ... ... | | bbc | dcir | cbcbph | 42 | 33 | • | - | 7 | - | <2100 | 7·5 |
| Aberdeen ... ... | b.bc.b | c.bcm | oir₀ | iro | 44 | 34 | 28 | - | 0·4 | - | 2200 | 6·5 |
| Malin Head ... ... | cv | cv | p₀cer | b·bc | 45 | 41 | • | - | tr | - | <2100 | 2·2 |
| Renfrew ... ... | f.m. | bzm.bx | | bff | 46 | 18 | 11 | - | - | - | - | 3·4 |
| Edinburgh (Inchkeith) | bmz | c | bc | bbcc | 45 | 37 | 34 | - | - | - | - | 8·4 |
| Leuchars ... ... | b.bc | b.bc | | b·bc | 45 | 29 | 15 | - | - | - | - | 7·3 |
| Eskdalemuir ... ... | c.omz | oid₀p | oid₀ | oid₀ | 40 | 34 | 33 | 0·1 | 0·2 | 11·00 | <2100 | 2·4 |
| Tynemouth ... ... | cmp₀ | c | cp₀q | cp₀q | 46 | 43 | 37 | 0·3 | 0·1 | <08·00 | <2100 | • |
| Blacksod Point ... | | | | | | | • | | | | | • |
| Donaghadee ... ... | c | c | bc | co | 46 | 44 | • | - | - | - | - | • |
| Birr Castle ... ... | cogr₀ | copr₀ | copr₀ | coz | 44 | 33 | 28 | 1 | 0·2 | 0900 | <2100 | • |
| Holyhead ... ... | op₀ c | c.bc | cbcoo | oo | 46 | 44 | 41 | Trace | - | 11·00 | - | 2·8 |
| Liverpool (Bidston) ... | c | c | | oo | 43 | 33 | 28 | - | - | - | - | 0·7 |
| Chester (Shotwick) ... | c.opr₀ c₀fm | c.ozm | ofom | omom | 44 | 37 | 31 | Trace | - | 09·00 | - | • |
| Spurn Head ... ... | c | c | oo | oo | 46 | 42 | • | - | - | - | - | 1·8 |
| Nottingham ... ... | c | c.o | oo | oo | 44 | 40 | 37 | - | - | - | - | 2·6 |
| Cranwell ... ... | c·oo | oo | oco | oo | 44 | 39 | 37 | - | - | - | - | 2·6 |
| Gorleston ... ... | bc.eq | c.oq | oq | oo | 43 | 40 | 40 | - | - | - | - | 2·8 |
| Valencia (Cahirciveen) | bc.c | | c | | | | | | | | | |
| Roches Point ... ... | | | | | | | • | | | | | • |
| Pembroke (St. Ann's H.) | bc.c | c.o | oo | oo | 43 | 39 | • | - | - | - | - | 3·7 |
| Ross-on-Wye ... | cqy₀ | cqy.oqy | oqr | orrod | 41 | 38 | 36 | - | 2 | - | 0130 | 3·1 |
| Benson ... ... | | os | orro | o | 42 | 35 | | Trace | 3 | - | 2200 | • |
| Andover ... ... | oo | os | osors | od | 40 | 34 | 32 | - | 4 | 16·00 | <2100 | 0·4 |
| S. Farnborough ... | oo | r.z | oriir₀ | oriir | ? | 37 | 36 | 0·4 | 4 | 15·30 | <2100 | 0·0 |
| London (Kew Obsy.) ... | cm.bqz | oq mp₀ | oqhpqrr | oomq | 42 | 40 | 37 | 0·2 | 3 | 15·30 | <2100 | 0·2 |
| Croydon ... ... | ozq | oqz r₀r | oqr₀RR | oqmdd | 41 | 39 | 36 | Trace | 5 | 14·30 | <2100 | 0·2 |
| Clacton-on-Sea ... | bc.c | c.o | oq | oq | 44 | 42 | 41 | - | 0·1 | - | 0530 | 1·6 |
| Shoeburyness ... ... | cq.oq | oq.c | oq | odd₀ | 44 | 41 | 40 | Trace | 1 | - | - | 0·5 |
| Grain ... ... ... | oo | oo | | oor₀ | 44 | 41 | 40 | - | 0·4 | - | 0130 | 0·1 |
| Lympne ... ... | oo | oqr₀r | oqr₀ | orr₀ | 39 | 36 | 35 | 0·5 | 3 | 16·30 | <2100 | 0·0 |
| Scilly (St. Mary's) ... | | | | | | | • | | | | | |
| Falmouth (Pendennis) | omr5q | omr5q | | omb | 44 | 34 | • | 4 | 3 | 12·30 | <2100 | 0·0 |
| Plymouth (Cattewater) | or.75 | ors.75 | orrors | orr | 39 | 34 | 34 | 3 | 6 | 11·00 | <2100 | 0·0 |
| Portland Bill ... ... | oq | oq | oqr | r | 43 | 34 | • | 0·5 | 4 | 14·30 | <2100 | • |
| Southampton (Calshot) | 30 | opr₀r₀ | orrrsor | ORRom | 43 | 37 | 35 | 0·1 | 4 | 12·30 | <2100 | 0·0 |
| Dungeness ... ... | c | r.d | rr°o2r | r | 42 | 40 | • | 3 | 2 | 14·30 | <2100 | • |
| Jersey ... ... | orsr5 | oqRr | r | oqRo | 43 | 39 | • | 13 | 13 | <08·00 | <2100 | 0·0 |

ISALLOBARS. 30th October

POSITION NUMBERS




Barometric Change from 4h. to 7h. (Half millibars)

Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air. | Temp. Sea. | Pressure. |
|---|---|---|---|---|---|---|---|---|
| 2 | 29-1000 | Scotia | ENE | 6 | bcr | 45 | 53 | 1 |

GENERAL INFERENCE.

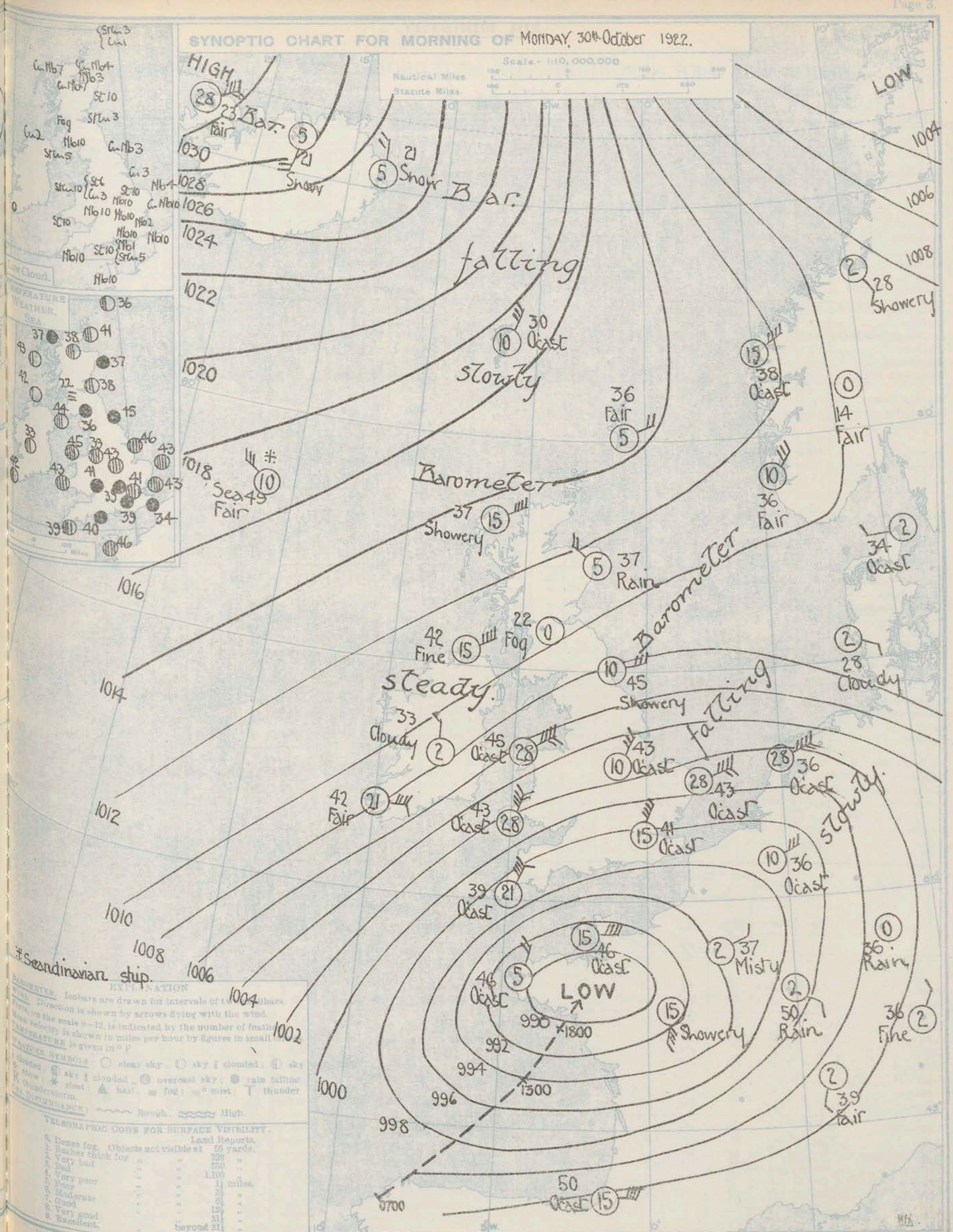
Pressure continues low over France, and high over Iceland, and the northeasterly wind current will be maintained. Temperature is likely to continue low, with much cloud and rain or sleet in places.

| Districts. | Forecasts for the 24 hours commencing 15 h. G.M.T. Monday 30th October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England<br>3. E. Midlands<br>4. W. Midlands | Wind E to NE. strong, a gale at times; cloudy some rain or sleet; visibility moderate to good; cold. | Continuing cold and unsettled with wind between north and east. |
| 5. S.W. England<br>6. South Wales<br>7. North Wales | Wind N.E. fresh or strong; cloudy intermittent rain or sleet in places; visibility mainly good; cold. | |
| 8. N.W. England<br>9. N. Midlands<br>10. N.E. England | Wind N.E. fresh; dull some rain or sleet; visibility moderate to good; cold. | |
| 11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man<br>14. N. & N.W. Scotland<br>15. Hebrides<br>16. Orkneys and Shetlands | Wind northerly moderate, freshening later; cloudy, rain or sleet at times, some brighter periods, visibility moderate to good; cold. | North Cone flying. |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | wind NE moderate to strong; variable sky, some showers; visibility mainly good; cold. | |

EHB

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930 G. C. SIMPSON, F.R.S., Director.

* For Code see opposite page.


SYNOPTIC CHART FOR MORNING OF MONDAY, 30th October 1922.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
HIGH
LOW
Bar. falling slowly
Barometer steady
Barometer falling slowly
LOW
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1000
1002
990
992
994
996
998
1300
1800
3700
Low Cloud.
Temperature Weather Sea
Scandinavian ship.
Barometer
Wind
Velocity
Temperature
Weather Symbols
Sea Disturbance
Telegraphic Code for Surface Visibility.
Land Reports.
0. Dense fog. Objects not visible at 55 yards.
1. Rather thick fog " " 220 "
2. Very bad " " 550 "
3. Bad " " 1,100 "
4. Very poor " " 1 miles.
5. Poor " " 2 "
6. Moderate " " 5 "
7. Good " " 12 "
8. Very good " " 31 "
9. Excellent. beyond 31 "

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:



BRITISH SECTION Monday, 30th October 1922. No. 303.

Observations at 0100 G.M.T. 30th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1015·1 | 0 | NE | 3 | b | 37 | 75 | 7 | 4000 | St Cu | 3 | - | 3 | * |
| Stornoway | 1016·3 | -1 | NE | 3 | PR | * | * | 5 | * | * | * | * | * | * |
| Wick | 1015·3 | -2 | N | 5 | 0r- | 38 | 97 | 8 | 1500 | Nb | 9 | - | 9 | * |
| Castlebay | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head | 1011·9 | -2 | NE | 4 | bc- | 43 | 75 | 8 | 7250 | St Cu | 5 | - | 5 | * |
| Renfrew | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1011·9 | -3 | N | 2 | bc- | 38 | 75 | 8 | - | - | 0 | Ci St | 4 | * |
| Leuchars | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth | 1010·6 | | E | 3 | bc pr | 44 | 85 | 6 | 4000 | Cu Nb | 5 | - | 5 | * |
| Blacksod Point | | | | | | | | | | | | | | * |
| Donaghadee | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Holyhead | 1006·4 | -3 | NE'E | 6 | 0 | 45 | 85 | 8 | 2500 | St Cu | 3 | a St | 9 | * |
| Liverpool (Bidston) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head | 1005·7 | -2 | NE'E | 6 | 0 | 45 | 75 | 7 | - | - | 0 | a St | 10 | * |
| Nottingham | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell | 1006·3 | -4 | NE | 4 | 0 | 41 | 85 | 8 | 2500 | St | 10 | - | 10 | * |
| Gorleston | 1005·7 | -3 | ENE | 6 | 0 | 43 | 75 | 6 | 4000 | Nb | 10 | - | 10 | * |
| Valencia (Cahirciveen) | 1004·3 | -1 | ENE | 5 | bc+ | 43 | 93 | 8 | - | Cu | 6 | - | 6 | * |
| Roches Point | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Ann's H.) | 1002·3 | -3 | NNE | 6 | 0 | 41 | 75 | 8 | 4000 | St | 10 | - | 10 | * |
| Ross-on-Wye | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Croydon | 999·2 | -5 | ENE | 5 | o/r | 40 | 93 | 7 | 1500 | Nb | 10 | - | 10 | * |
| Clacton-on-Sea | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Grain | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne | 999·7 | -4 | ENE | 4 | or | 39 | 97 | 6 | 1500 | Nb | 10 | - | 10 | * |
| Scilly (St. Mary's) | | | | | | | | | | | | | | * |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Portland Bill | 999·3 | -1 | ENE | 9 | or | 38 | 85 | 6 | 4500 | St | 10 | - | 10 | * |
| Southampton (Calshot) | 998·5 | -3 | NE'E | 6 | or | 41 | 93 | 7 | 1500 | Nb | 10 | - | 10 | * |
| Dungeness | 997·9 | -2 | ESE | 3 | or | 40 | 97 | 7 | 1500 | St | 10 | - | 10 | * |
| Jersey (7h.) / Guernsey (1h.) | 999·6 | -2 | ENE | 7 | or | 44 | 97 | 6 | 4000 | Nb | 10 | - | 10 | * |

Observations at 0700 G.M.T. 30th

| Stations | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick | 1014·6 | 0 | ENE | 2 | bc | 36 | 75 | 7 | 4000 | St Cu | 4 | - | 4 | 3 |
| Stornoway | 1013·9 | 0 | NE | 4 | c/o | 37 | 93 | 6 | 2500 | Nb | 7 | - | 7 | 3 |
| Wick | 1012·4 | -1 | NNE | 4 | c/r | 41 | 85 | 9 | 2500 | Cu Nb | 7 | - | 7 | 2 |
| Castlebay | 1012·6 | -1 | NNW | 2 | bc/r | 43 | 75 | 8 | 7500 | Cu | 5 | - | 5 | * |
| Nairn | 1012·5 | * | NNW | 2 | c/r | 38 | 93 | 7 | 1500 | Cu Nb | 7 | - | 7 | 3 |
| Aberdeen | 1011·7 | -1 | NW | 2 | or | 37 | 97 | 8 | 1500 | St | 10 | - | 10 | 3 |
| Malin Head | 1010·9 | -2 | NE | 4 | b- | 42 | 75 | 9 | 4000 | Cu | 2 | - | 2 | 3 |
| Renfrew | 1011·4 | 0 | - | 0 | ffb | 22 | 97 | 3 | - | - | 0 | a St | 3 | * |
| Edinburgh (Inchkeith) | 1010·0 | -3 | NNE | 3 | c+ | 38 | 85 | 8 | - | St Cu | 3 | a Cu | 8 | * |
| Leuchars | 1010·8 | -1 | - | 0 | bc | 30 | 93 | 8 | 2500 | St Cu | 2 | a St | 5 | * |
| Eskdalemuir | 1009·5 | -2 | N | 4 | od₀ | 36 | 97 | 6 | 1500 | Nb | 10 | - | 10 | 2 |
| Tynemouth | 1008·0 | -2 | ENE | 3 | o/p | 45 | 85 | 7 | 4000 | Cu Nb | 3 | a St | 10 | * |
| Blacksod Point | | | | | | | | | | | | | | 3 |
| Donaghadee | 1010·7 | 0 | NE | 4 | c | 44 | 75 | 8 | 4000 | St Cu | 5 | a Cu | 7 | * |
| Birr Castle | 1009·0 | * | N | 1 | c- | 33 | 85 | 6 | 2500 | Cu | 7 | - | 7 | * |
| Holyhead | 1005·7 | 0 | NE'E | 6 | 0 | 45 | 85 | 8 | 2500 | St Cu | 10 | - | 10 | 6 |
| Liverpool (Bidston) | 1005·6 | 0 | NNE | 2 | o- | 39 | 85 | 7 | 2500 | St | 9 | - | 9 | 3 |
| Chester (Shotwick) | 1005·4 | 0 | NNW | 3 | 0 | 39 | 85 | 6 | 2500 | St Cu | 9 | - | 9 | * |
| Spurn Head | 1003·2 | -2 | ENE | 7 | 0 | 46 | 75 | 7 | 2500 | Cu | 3 | a St | 10 | 0 |
| Nottingham | 1002·9 | * | NE | 3 | 0 | 43 | 75 | 6 | 2500 | Nb | 10 | - | 10 | * |
| Cranwell | 1004·1 | 0 | NNE | 4 | 0 | 42 | 85 | 7 | 2500 | St | 10 | - | 10 | 6 |
| Gorleston | 1001·8 | -2 | ENE | 6 | 0 | 43 | 75 | 6 | 4000 | Nb | 4 | Ci St | 10 | |
| Valencia (Cahirciveen) | 1004·3 | +3 | E'S | 5 | bc | 42 | 85 | | - | - | 0 | a Cu | 4 | |
| Roches Point | | | | | | | | | | | | | | 4 |
| Pembroke (St. Ann's H.) | 1001·7 | +1 | NNE | 6 | 0 | 43 | 65 | 8 | 4000 | St | 10 | - | 10 | 0 |
| Ross-on-Wye | 1000·8 | 0 | NE | 4 | od₀ | 41 | 85 | 8 | 2500 | Nb | 10 | - | 10 | 3 |
| Benson | 998·8 | 0 | NE | 4 | od₀ | 39 | 93 | 6 | 2500 | Nb | 10 | - | 10 | * |
| Andover | 997·8 | 0 | NE | 5 | od₀ | 39 | 93 | 6 | 800 | Nb | 10 | - | 10 | 0 |
| S. Farnborough | 997·2 | -1 | NE | 3 | o r | 39 | 93 | 6 | 1500 | Nb | 10 | - | 10 | * |
| London (Kew Obsy.) | 998·2 | 0 | NE | 4 | o° | 41 | 85 | 6 | 1500 | Nb | 2 | a St | 10 | * |
| Croydon | 997·8 | -1 | NE | 4 | od₀d | 40 | 93 | 6 | 450 | Nb | 10 | - | 10 | 4 |
| Clacton-on-Sea | 998·2 | -3 | ENE | 4 | o/r | 43 | 85 | 7 | 1500 | Cu Nb | 10 | - | 10 | 6 |
| Shoeburyness | 998·0 | -1 | NE | 4 | od₀ | 43 | 85 | 5 | 2500 | St | 10 | - | 10 | 0 |
| Grain | 997·9 | -1 | NE | 6 | o° | 44 | 93 | 7 | 2500 | St | 10 | - | 10 | * |
| Lympne | 996·3 | -1 | NE | 4 | or | 40 | 97 | 6 | 450 | Nb | 10 | - | 10 | 4 |
| Scilly (St. Mary's) | | | | | | | | | | | | | | 0 |
| Falmouth (Pendennis) | 996·8 | -4 | NE | 5 | 0 | 39 | 97 | 6 | 4000 | Nb | 10 | - | 10 | 6 |
| Plymouth (Cattewater) | 995·9 | +3 | NNE | 4 | or | 39 | 93 | 7 | 1500 | Nb | 10 | - | 10 | 3 |
| Portland Bill | 997·0 | -2 | ENE | 8 | od₀ | 40 | 75 | 6 | 450 | St | 10 | - | 10 | 6 |
| Southampton (Calshot) | 996·0 | -1 | NNE | 9 | or | 43 | 85 | 6 | 800 | St | 10 | - | 10 | 6 |
| Dungeness | 995·6 | -2 | ENE | 5 | or | 40 | 93 | 7 | 2500 | Nb | 10 | - | 10 | 6 |
| Jersey (7h.) / Guernsey (1h.) | 990·4 | 0 | E | 4 | o/r | 46 | 97 | 7 | 1500 | Nb | 10 | - | | |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29th Oct.

| Stations | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 28th-29th | Temperature. Max. Day. 29th | Rainfall.† Night 17h.-9h. 28th-29th | Rainfall.† Day 9h.-17h. 29th | Sunshine. | Sunshine. Sunrise to Sunset. 29th |
|---|---|---|---|---|---|---|---|---|
| | | | °F. | °F. | mm. | mm. | hr. | hr. |
| Banff | o.c.bc.b | b.bc.b | 36 | 45 | 1 | - | | 5·4 |
| Montrose | ‡ | ‡ | 29 | 44 | - | - | | 8·3 |
| Llandudno | c | o | 29 | 44 | - | - | | 0·6 |
| Colwyn Bay | c.o | o.c | 34 | 43 | - | - | | 2·0 |
| Rhyl | o | o | 33 | 44 | - | - | | 0·0 |
| Southport | c.bc.c | c.bc.c | 28 | 44 | - | - | | 5·1 |
| Blackpool | c.bc.c | | 29 | 44 | - | - | | 5·8 |
| Harrogate | c | c | 30 | 44 | 0·4 | - | | 2·4 |
| Skegness | b.bc.b | bq.o | 39 | 45 | 0·3 | - | | 4·4 |
| Aberystwyth | o.c.b | o | 34 | 44 | - | - | | 2·0 |
| Bath | b.bc.o | oq3 | 30 | 41 | - | - | | 1·1 |
| Leamington Spa | ‡ | ‡ | 30 | 41 | - | - | | 6·9 |
| Lowestoft | bc.c.b | bc.c.o | 34 | 43 | 2 | - | | 2·6 |
| Felixstowe | bc.c | c.ou | 34 | 43 | 2 | - | | 2·8 |
| Southend | oq | oq | 33 | 43 | 2 | - | | 0·4 |

| Stations | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 28th-29th | Temperature. Max. Day. 29th | Rainfall.† Night 17h.-9h. 28th-29th | Rainfall.† Day 9h.-17h. 29th | Sunshine. | Sunshine. Sunrise to Sunset. 29th |
|---|---|---|---|---|---|---|---|---|
| | | | °F. | °F. | mm. | mm. | hr. | hr. |
| Paignton | oq.orq. | opspq | 38 | 42 | - | 5 | | 0·0 |
| Ilfracombe | c.o | o | 34 | 43 | - | - | | 0·0 |
| Bude | c.bc | c | 34 | 46 | - | - | | 0·5 |
| Penzance | o | o/S | 36 | 42 | - | 3 | | 0·0 |
| Falmouth Observatory | oq.sq | sq | 36 | 39 | - | 5 | | 0·0 |
| Torquay | c | cp | 38 | 41 | - | 3 | | 0·0 |
| Weymouth | o | rp | 33 | 42 | - | 1 | | |
| Bournemouth | o | o | 31 | 40 | - | 0·3 | | 0·0 |
| Portsmouth (S'thsea) | o | orS.o | 35 | 42 | - | 0·3 | | 0·0 |
| Worthing | c.o | o | 33 | 41 | - | - | | 0·0 |
| Brighton | o | d | 32 | 44 | - | 0·3 | | 0·0 |
| Eastbourne | o | or | 33 | 43 | 0·1 | 2 | | |
| Hastings | d | d | 32 | 43 | - | 0·4 | | 0·0 |
| Folkestone | c.o | o | 31 | 41 | 2 | - | | 0·0 |
| Tunbridge Wells | o | o | 36 | 46 | 4 | - | | 0·0 |
| Ramsgate | o | o | 34 | 44 | 0·1 | - | | 0·0 |
| Margate | qc.o | qc.or | 34 | 42 | - | - | | |
| Deal | | | | | | | | |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. ‡ For code see page 3. § See footnote page 3.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B..... Tuesday, 31st October.....1922. 

| STATIONS. | Observations at 1800 G.M.T. 30th. Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1014.4 | -2 | NE | 2 | c | 37 | 69 | 7 | 4000 | Cu | 3 | ACu | 7 | * |
| Stornoway ... ... | 1013.1 | -1 | NE | 3 | c/r | 42 | 85 | 6 | 2500 | CuNb | 7 | - | 7 | * |
| Wick ... ... ... | 1012.5 | 0 | N | 4 | oPR- | 39 | 92 | 8 | 2500 | CuNb | 9 | - | 9 | * |
| Castlebay ... ... | 1012.8 | 0 | NE | 3 | bc | 46 | 65 | 8 | 2500 | StCu | 5 | - | 5 | * |
| Nairn ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen ... ... | 1011.2 | -1 | N | 4 | ch(t) | 41 | 92 | 8 | 2500 | CuNb | 8 | - | 8 | * |
| Malin Head ... ... | 1010.5 | 0 | ENE | 3 | b | 45 | 75 | 9 | 4000 | Cu | 2 | - | 2 | * |
| Benbecula ... ... | 1010.9 | -1 | ENE | 3 | bc/f | 45 | 65 | 9 | 4000 | Cu | 5 | - | 5 | * |
| Edinburgh (Inchkeith) | 1009.5 | -1 | NE | 4 | o | 43 | 85 | 8 | - | Cu | 9 | - | 9 | * |
| Leuchars ... ... | 1010.6 | -1 | NNE | 3 | c+ | 43 | 75 | 8 | 1500 | StCu | 8 | - | 8 | * |
| Eskdalemuir ... ... | 1009.3 | 0 | N'E | 4 | C- | 42 | 85 | 8 | 2500 | StCu | 7 | - | 7 | * |
| Tynemouth ... ... | 1007.8 | 0 | ENE | 4 | bc/r | 45 | 85 | 8 | 2500 | CuNb | 4 | Cu | 6 | * |
| Blacksod Point ... | 1012.5 | +2 | N | 1 | c | 47 | 75 | 9 | 4150 | Cu | 7 | - | 7 | * |
| Donaghadee ... ... | 1011.3 | 0 | NE | 4 | C+ | 44 | 75 | 8 | 4000 | StCu | 4 | ACu | 7 | * |
| Birr Castle ... ... | 1010.3 | * | NN | 1 | bc- | 45 | 75 | 8 | 4000 | Cu | 4 | - | 4 | * |
| Collinstown ... ... | | | | | | | | | | | | * | | * |
| Holyhead ... ... | 1007.0 | +1 | NE | 5 | o- | 48 | 85 | 8 | 2500 | StCu | 8 | ASt | 9 | * |
| Liverpool (Bidston) ... | 1005.9 | +1 | NNE | 3 | o+ | 45 | 75 | 6 | 2500 | CuNb | 9 | - | 9 | * |
| Chester (Shotwick) ... | 1005.6 | +1 | NNE | 3 | o | 46 | 75 | 6 | 2500 | Nb | 9 | - | 9 | * |
| Spurn Head ... ... | 1003.9 | 0 | NE | 6 | C | 48 | 65 | 7 | 4000 | Cu | 5 | ACu | 8 | * |
| Nottingham ... ... | 1003.1 | * | NE | 5 | bc | 48 | 65 | 7 | 2500 | Cu | 4 | ACu | 6 | * |
| Cranwell ... ... | 1003.5 | 0 | NE'N | 5 | bc | 47 | 65 | 7 | 2500 | Cu | 3 | ACu | 4 | * |
| Gorleston ... ... | 1001.3 | 0 | ENE | 6 | o | 45 | 75 | 7 | 2500 | St | 10 | - | 10 | * |
| Valencia (Cahirciveen) | 1011.7 | 0 | NE | 3 | b. | 45 | 85 | 9 | - | Cu | 3 | - | 3 | * |
| Roches Point ... ... | | | | | | | | | | | | | | * |
| Pembroke (St. Ann's H.) | 1004.7 | +3 | NNE | 5 | o | 46 | 65 | 8 | 4000 | St | 10 | - | 10 | * |
| Ross-on-Wye ... ... | 1001.9 | +1 | NE | 5 | o | 46 | 75 | 6 | 2500 | Nb | 3 | ASt | 10 | * |
| Benson ... ... | 998.4 | 0 | NE | 5 | o/r | 46 | 65 | 7 | - | StCu | 10 | - | 10 | * |
| Andover ... ... | 998.5 | 0 | NE | 5 | d | 44 | 75 | 7 | 1500 | St | 9 | - | 9 | * |
| S. Farnborough ... | 998.5 | 0 | ENE | 4 | o/r | 43 | 75 | 7 | 1500 | Nb | 10 | - | 10 | * |
| London (Kew Obsy.) ... | 998.8 | 0 | NE'E | 4 | o | 45 | 75 | 6 | 1500 | Nb | 3 | ASt | 10 | * |
| Croydon ... ... | 998.9 | +1 | NE | 5 | o/r | 43 | 85 | 5 | 450 | St | 10 | - | 10 | * |
| Clacton-on-Sea ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness ... ... | 998.0 | 0 | NE | 4 | od | 43 | 85 | 6 | 1500 | St | 10 | - | 10 | * |
| Grain ... ... ... | 998.7 | 0 | NNE | 6 | od | 43 | 92 | 7 | 1500 | Nb | 10 | - | 10 | * |
| Lympne ... ... | 997.3 | +1 | NE | 3 | oR | 42 | 97 | 6 | 450 | Nb | 10 | - | 10 | * |
| Scilly (St. Mary's) ... | 1001.5 | +3 | NNE | 5 | or | 45 | 92 | 7 | 2500 | CuNb | 10 | - | 10 | * |
| Falmouth (Pendennis) | 1000.6 | +2 | N | 5 | o/r | 42 | 92 | 7 | 4000 | StCu | 10 | - | 10 | * |
| Plymouth (Cattewater) | 1000.8 | +7 | NE | 4 | o/r | 42 | 85 | 8 | 1500 | St | 10 | - | 10 | * |
| Portland Bill ... ... | 996.6 | +3 | ENE | 7 | o/r | 41 | 75 | 6 | 450 | St | 10 | - | 10 | * |
| Southampton (Calshot) | 998.6 | +2 | NNE | 4 | od | 42 | 92 | 6 | 800 | St | 10 | - | 10 | * |
| Dungeness ... ... | 995.5 | +1 | E | 5 | or | 45 | 85 | 7 | 1500 | St | 10 | - | 10 | * |
| Jersey ... ... | 993.5 | +1 | NE | 4 | o/r | 47 | 92 | 8 | 800 | Nb | 10 | - | 10 | * |

| STATIONS. | Observations at 1800 G.M.T. 30th. Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1013.1 | 0 | E | 1 | c | 37 | 65 | 7 | 5700 | StCu | 4 | ASt | 8 | 0 |
| Stornoway ... ... | 1010.8 | -2 | - | 0 | b | 32 | 97 | 6 | - | Cu | 1 | - | 1 | 0 |
| Wick ... ... ... | 1011.1 | -1 | WNW | 2 | bc- | 33 | 97 | 8 | 2500 | CuNb | 4 | - | 4 | 0 |
| Castlebay ... ... | 1012.4 | 0 | - | 0 | b | 40 | 75 | 7 | - | - | 0 | - | 0 | 1 |
| Nairn ... ... ... | 1011.4 | * | - | 0 | b- | 32 | 75 | 8 | 1500 | St | 2 | - | 2 | * |
| Aberdeen ... ... | 1011.8 | +1 | NW'N | 3 | OH(R) | 39 | 97 | 7 | 2500 | Nb | 10 | - | 10 | 3 |
| Malin Head ... ... | 1012.2 | +1 | WNW | 3 | bcpr | 43 | 85 | 7 | 4000 | Nb | 6 | - | 6 | 3 |
| Benbecula ... ... | 1011.9 | +2 | - | 0 | 0+ | 37 | 85 | 5 | 2500 | St | 10 | - | 10 | * |
| Edinburgh (Inchkeith) | 1010.5 | +1 | NNE | 3 | bc | 41 | 85 | 8 | - | StCu | 5 | - | 5 | 3 |
| Leuchars ... ... | 1010.9 | +1 | NNE | 1 | b- | 37 | 97 | 8 | 4000 | StCu | 3 | - | 3 | 4 |
| Eskdalemuir ... ... | 1010.8 | +2 | N | 3 | b- | 36 | 85 | 8 | 1500 | StCu | 3 | - | 3 | * |
| Tynemouth ... ... | 1008.6 | +1 | NE | 4 | bcjp | 45 | 85 | 7 | 4000 | Nb | 6 | - | 6 | 2 |
| Blacksod Point ... | | | | | | | | | | | | | | |
| Donaghadee ... ... | 1011.7 | +1 | NE | 3 | bc- | 45 | 65 | 8 | 4000 | StCu | 2 | ACu | 5 | 2 |
| Birr Castle ... ... | 1012.8 | * | NNW | 1 | bc | 37 | 85 | 6 | 4000 | Cu | 4 | - | 4 | * |
| Collinstown ... ... | | | | | | | | | | | | | | * |
| Holyhead ... ... | 1008.5 | +2 | NNE | 5 | C | 47 | 92 | 8 | 2500 | StCu | 8 | - | 8 | 5 |
| Liverpool (Bidston) ... | 1008.3 | +4 | NNE | 2 | C- | 42 | 75 | 7 | 2500 | St | 2 | CuCu | 7 | 3 |
| Chester (Shotwick) ... | 1007.8 | +4 | NNE | 3 | C | 45 | 75 | 4 | 2500 | StCu | 10 | - | 10 | * |
| Spurn Head ... ... | 1005.2 | +2 | NE | 5 | opr | 45 | 85 | 7 | 4000 | CuNb | 6 | ACu | 3 | 5 |
| Nottingham ... ... | 1005.8 | * | N | 3 | O | 43 | 92 | 7 | - | - | 0 | CSt | 9 | * |
| Cranwell ... ... | 1006.0 | +3 | N | 3 | C+ | 39 | 92 | 7 | 2500 | StCu | 5 | ACu | 7 | * |
| Gorleston ... ... | 1002.4 | 0 | NE | 6 | O+ | 47 | 75 | 7 | 2500 | CuNb | 10 | - | 10 | 6 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1007.7 | +3 | NNE | 4 | C | 44 | 75 | 7 | 2500 | CuNb | 7 | | 7 | 4 |
| Ross-on-Wye ... ... | 1006.6 | +4 | NNE | 4 | O | 44 | 65 | 7 | - | - | 0 | ASt | 10 | * |
| Benson ... ... | 1003.3 | +6 | NNE | 4 | C- | 42 | 85 | 7 | - | - | 0 | ACu | 8 | * |
| Andover ... ... | 1002.3 | +2 | NNE | 4 | C- | 43 | 75 | 8 | 2500 | StCu | 4 | ACu | 8 | * |
| S. Farnborough ... | 999.9 | +4 | NE'N | 2 | O- | 43 | 75 | 6 | - | - | 0 | ACu | 9 | * |
| London (Kew Obsy.) ... | 1002.3 | +5 | NNE | 4 | bc- | 45 | 65 | 6 | - | - | 0 | ACu | 6 | * |
| Croydon ... ... | 1001.9 | +4 | NE'N | 4 | O- | 43 | 75 | 5 | 800 | St | 9 | - | 9 | * |
| Clacton-on-Sea ... | 1000.9 | +3 | NE | 4 | or | 43 | 85 | 7 | 1500 | CuNb | 10 | - | 10 | 2 |
| Shoeburyness ... ... | 1001.3 | +3 | NNE | 3 | O/r | 43 | 85 | 6 | 2500 | StCu | 5 | ASt | 10 | * |
| Grain ... ... ... | 1001.4 | +3 | NNE | 6 | or | 43 | 92 | 7 | 2500 | St | 10 | - | 10 | 6 |
| Lympne ... ... | 999.3 | +2 | NNE | 6 | od | 41 | 97 | 5 | 225 | Nb | 10 | - | 10 | * |
| Scilly (St. Mary's) ... | 1005.6 | +4 | NNE | 4 | or | 47 | 75 | 7 | 2500 | CuNb | 10 | - | 10 | 6 |
| Falmouth (Pendennis) | 1004.1 | +5 | NE | 5 | O | 46 | 85 | 8 | 4000 | StCu | 10 | - | 10 | 2 |
| Plymouth (Cattewater) | 1004.3 | +6 | NE | 4 | O/r | 45 | 75 | 8 | 2500 | St | 10 | - | 10 | 0 |
| Portland Bill ... ... | 1000.0 | +5 | NE'N | 5 | O | 44 | 85 | 7 | 450 | St | 10 | - | 10 | 5 |
| Southampton (Calshot) | 1001.8 | +5 | N'E | 4 | O | 45 | 75 | 6 | 2500 | StCu | 10 | - | 10 | 0 |
| Dungeness ... ... | 999.7 | +2 | E | 5 | O/r | 43 | 97 | 7 | 4000 | St | 10 | - | 10 | 5 |
| Jersey ... ... | 997.3 | +2 | NE | 4 | o/r | 48 | 85 | 8 | 800 | Nb | 10 | - | 10 | 6 |

| LONDON OBSERVATIONS. | Weather. Morning. | Weather. Afternoon. | Weather. Night. | Temperature. Max. °F. | Temperature. Min. °F. | Temperature. Min. on Grass. °F. | Rainfall. mm. Day. | Rainfall. mm. Night. | Sunshine to Sunset. hrs. | Humidity. 15h. G.M.T. % | Humidity. 9h. G.M.T. % |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 HOURS ENDED 0900 G.M.T. 31st | | | | | | | | YESTERDAY. | | TO-DAY. |
| Kew ... | | | | | | | | | | | |
| Croydon } 24 hours ended 0700 | omd,oz | ozcbc | bccomd | * | * | 32 | tr | - | 0.0 | * | * |
| Greenwich (Royal Obsy.) ... | ombrm | omazz | ozmbc | * | * | 29 | 0.1 | - | 0.0 | * | * |
| City (Bunhill Row) ... ... | OL+ | oc | cbm | 45 | 38 | 32 | * | 0.3 | 0.0 | 72 | 80 |
| Westminster (St. James' Pk.) | * | * | * | * | * | * | * | * | 0.0 | * | * |
| Regent's Pk. (Botanic Gdns.) | * | * | * | 47 | 39 | 36 | - | - | 0.0 | 73 | 85 |
| Camden Square... ... ... | * | * | * | * | * | * | * | * | 0.0 | * | * |
| Kensington Palace ... ... | cd | o | * | 45 | 38 | 35 | 0.3 | - | * | * | 77 |
| Hampstead Observatory ... | o | o | * | 45 | 38 | 31 | 0.3 | - | * | 67(18h) | 78 |
| | * | * | * | 44 | 36 | 32 | 0.5 | - | 0.0 | * | 84 |

**ATMOSPHERIC POLLUTION.** Milligrams of Solid Impurity per cubic metre.

24 HR. ended 1600 G.M.T. 30th.

South Kensington

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| — | — | — | — |

Kew Observatory

| Max. | Time. | Min. | Time. |
|---|---|---|---|
| 0.7 | 18h 29th | <0.3 | 2h-6h 30th |
| 1.0 | 11h. 30th | | |

**SOLAR RADIATION.** Vertical component per square centimetre.

During yesterday.

South Kensington.

Total ..... joules

Average Rate ..... Milliwatts.

Maximum Rate ..... Milliwatts.

**POLE STAR RECORD** at Greenwich Obsy.

Exposure from 30th 17 h 30 m. to 31st 06 h 00 m.

| Stars. | Exposure. h. m. | Record. h. m. | Record. % |
|---|---|---|---|
| Polaris | 10 30 | 8 20 | 67 |
| δ Ursae Minoris | 10 30 | 6 30 | 52 |

**RADIO DISTURBANCES** (Atmospherics) AT CROYDON.†

| Time. | Type. | No. per 4 sec. | Stren. | Direc. |
|---|---|---|---|---|
| 18h | C | 6 | - | 12.0 |
| 18h. | C | 6 | - | 14.0 |
| 01h. | C | 6 | - | 6.0 |
| 07h. | C | 5 | - | - |

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

31st October & 1st November, 1922.

| STATIONS. | Sunrise. | Noon. | Sunset. |
|---|---|---|---|
| | G.M.T. | G.M.T. | G.M.T. |
| Yarmouth ... | 6 48 | 11 37 | 4 26 |
| | 6 50 | 11 37 | 4 24 |
| Greenwich ... | 6 53 | 11 44 | 4 35 |
| | 6 55 | 11 44 | 4 33 |
| Wick ... ... | 7 28 | 11 56 | 4 24 |
| | 7 30 | 11 56 | 4 22 |
| Valencia ... | 7 35 | 12 25 | 5 15 |
| | 7 37 | 12 25 | 5 13 |

**BEAUFORT NOTATION OF WEATHER.**

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three-quarters covered).
d drizzle. b hail. SQ line squall.
l lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
jp precipitation within sight of station.
p passing showers r rain.
s snow. rs sleet. t thunder.
v unusual visibility. y dry air.
z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus :—bc/r = fair weather after rain; l = intermittent; - = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intense, suffix o indicates slight and repetition of letters continuity, thus :—
lt = heavy rain.
rr = continuous moderate rain.
roro = continuous light rain.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

**SEA DISTURBANCE.**

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

| Beaufort No. | Statute miles per hour. |
|---|---|
| 0 | Less than 1 |
| 1 | 1- 3 |
| 2 | 4- 7 |
| 3 | 8-12 |
| 4 | 13-18 |
| 5 | 19-24 |
| 6 | 25-31 |
| 7 | 32-38 |
| 8 | 39-46 |
| 9 | 47-54 |
| 10 | 55-63 |
| 11 | 64-75 |
| 12 | Above 75 |

† For explanation see Introduction.

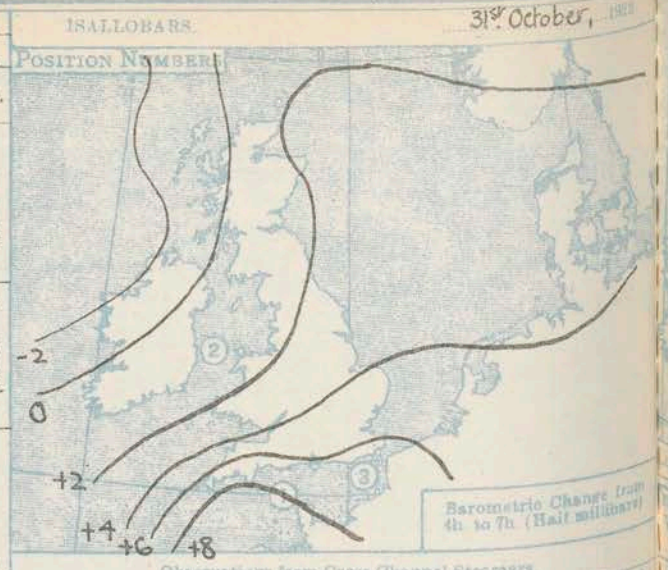
* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ For code see page 3.

## SUMMARIES FOR THE PAST 24 HOURS.

| STATIONS. | WEATHER. 7h.-13h. 30th | 13h.-18h. 30th | 18h. 30th to 1h. 31st | 1h.-7h. 31st | TEMPERATURE. MAX. Day. 7h.-18h. | MIN. Night. 18h.-7h. | MIN. on GRASS | RAINFALL. Day. 7h.-18h. mm. | Night. 18h.-7h. mm. | Precipitation began. | Precipitation began. | SUN. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | c | c | c | c q | 38 | 33 | * | – | 0·1 | – | 0130 | * |
| Stornoway ... ... | p | b.bc | p | b | 44 | 27 | * | – | – | – | \ | 3·2 |
| Wick ... ... ... | co Pq | op.bc | oo | oir.p | 41 | 30 | * | 2 | 0·2 | 0900 | 2400 | * |
| Castlebay ... ... | bc | bc.b | bop | opbo | 46 | 39 | * | – | 0·5 | – | \ | 8·0 |
| Nairn ... ... ... | hpc.bc | bc bx | bbcx | bc | 43 | 28 | * | 3 | – | 0900 | \ | 0·8 |
| Aberdeen ... ... | Cprh | ciRH | RHO | x | 44 | 31 | 20 | 10 | 6 | <0800 | <2100 | 1·1 |
| Malin Head ... ... | bbcV | bcv | cop. | cop. | 46 | ? | * | Trace | 1 | 1630 | <2100 | 7·2 |
| Renfrew ... ... | bfxbcv | bcz.om | ombcf | bcbffx | 46 | 22 | 14 | – | – | – | \ | 4·0 |
| Edinburgh (Inchkeith) | o | c | bc | zz | 43 | 35 | 31 | – | – | – | \ | 1·8 |
| Leuchars ... ... | c | c | 0.0 | | 45 | 26 | 16 | – | 1 | – | 2200 | 2·2 |
| Eskdalemuir ... ... | oid.c | cbc.b | bbc | bcx | 42 | 23 | 18 | 0·2 | – | – | \ | 4·2 |
| Tynemouth ... ... | cp.q | cPq | cp.m | cm | 46 | 37 | 34 | 1 | 2 | 0900 | <2100 | * |
| Blacksod Point ... | c | | | | | | * | | | | | * |
| Donaghadee ... ... | bc | bc | bc | bc | 46 | 34 | * | – | – | – | – | * |
| Bir Castle ... ... | cobc | bcz | coz | cox | 46 | 25 | 20 | – | – | – | – | |
| ... ... | | | | | | | | | | | | |
| Holyhead ... ... | oo | 0.0 | ocpc | cbcc | 48 | 43 | 38 | – | 0·5 | – | <2100 | 0·2 |
| Liverpool (Bidston) ... | com | 0.0 | bc.a | | 46 | 36 | * | – | – | – | \ | 0·2 |
| Chester (Shotwick) ... | omz | ozm | oobcm | bcbxof | 46 | 29 | 21 | – | – | – | – | * |
| Spurn Head ... ... | c | c | c | b-bcp | 49 | 38 | * | Trace | 1 | 1730 | 0230 | 1·6 |
| Nottingham ... ... | c | c | cp | m | 48 | 37 | 30 | – | 4 | – | <2100 | 1·7 |
| Cranwell ... ... | oc | c.bc.c | cbc | form | 48 | 34 | 32 | – | 0·1 | – | 2200 | 2·1 |
| Gorleston ... ... | o | og.u | bcc | oqr | 47 | 43 | 40 | – | 1 | – | 0330 | 0·2 |
| Valencia (Cahirciveen) | bv | | b | | | | | | | | | |
| Roches Point ... ... | | | | | | | * | | | | | * |
| Pembroke (St. Ann's H.) | o | 0.0 | oc | coir | 47 | 41 | * | – | 0·6 | – | 0130 | 0·0 |
| Ross-on-Wye ... ... | dor.o | 0.0 | oco | cbx | 46 | 32 | 24 | ? | – | <0800 | – | 0·0 |
| Benson ... ... ... | ro | c.o | c | co | 47 | 35 | 33 | 0·1 | 0·1 | <0800 | – | * |
| Andover ... ... | od. | 0.0.c | cbc | bcw | 47 | 36 | 33 | 0·2 | – | 11.00 | – | 0·9 |
| S. Farnborough ... | r.orro | 0.0 | ocb | bcom | 45 | 35 | 28 | 3 | – | <0800 | – | 0·0 |
| London (Kew Obsy.) ... | omd.oz | ozcbc | bcbcbcc | comw | 46 | 38 | 32 | Trace | – | <0800 | – | 0·0 |
| Croydon ... ... | ombr.m | omm.zz | ozm | obcm | 44 | 37 | 29 | 0·1 | – | <0800 | – | 0·0 |
| Clacton-on-Sea ... | ogr | ogr | og | cbc | 44 | 38 | 34 | 2 | 0·5 | <0800 | <2100 | 0·0 |
| Shoeburyness ... ... | oid.m | oid.prm | ompre | bcm | 44 | 36 | 35 | 3 | 0·3 | <0800 | <2100 | 0·0 |
| Grain ... ... ... | omr | ofr. | or.bc | bbc | 44 | 38 | 35 | 1 | 0·1 | <0800 | <2100 | 0·0 |
| Lympne ... ... | orrm | omrrd. | od.mr | ocbcb | 42 | 37 | 34 | 9 | 0·6 | <0800 | <2100 | 0·0 |
| Scilly (St. Mary's) ... | oqir. | r.d | c | c | 48 | 46 | * | Trace | – | <0800 | – | 0·0 |
| Falmouth (Pendennis) | omrq | oq | bc.cm. | | 46 | 41 | * | 1 | – | <0800 | – | 0·0 |
| Plymouth (Cattewater) | orro | or | | bb | 46 | 35 | 27 | 1 | – | <0800 | – | 0·0 |
| Portland Bill ... ... | o | 0.0 | b-bc | ob | 46 | 40 | * | – | – | – | – | * |
| Southampton (Calshot) | oindir | oid. | c | b-bc | 45 | 39 | 20 | 1 | – | <0800 | – | 0·0 |
| Dungeness ... | r | r.d | prs | c | 45 | 38 | * | 3 | 0·1 | <0800 | 2400 | * |
| Jersey ... | op.o | op.o | p | ob | 48 | 45 | | 2 | – | <0800 | – | 0·0 |




Observations from Cross Channel Steamers.

| Position. | Date and Time. | Steamship. | Wind. Direc. | Wind. Force. | Weather. | Temp. Air | Temp. Sea | Humidity |
|---|---|---|---|---|---|---|---|---|
| 3 | 30th 0300 | ? | E | 5 | or | 43 | 53 | 7 |
| – | 30th 1900 | Scotia | NE | 7 | cv | 47 | 53 | 8 |
| – | 31st 0300 | Dieppe | N'E | 5 | bc ⊕ | 41 | 53 | |

GENERAL INFERENCE.

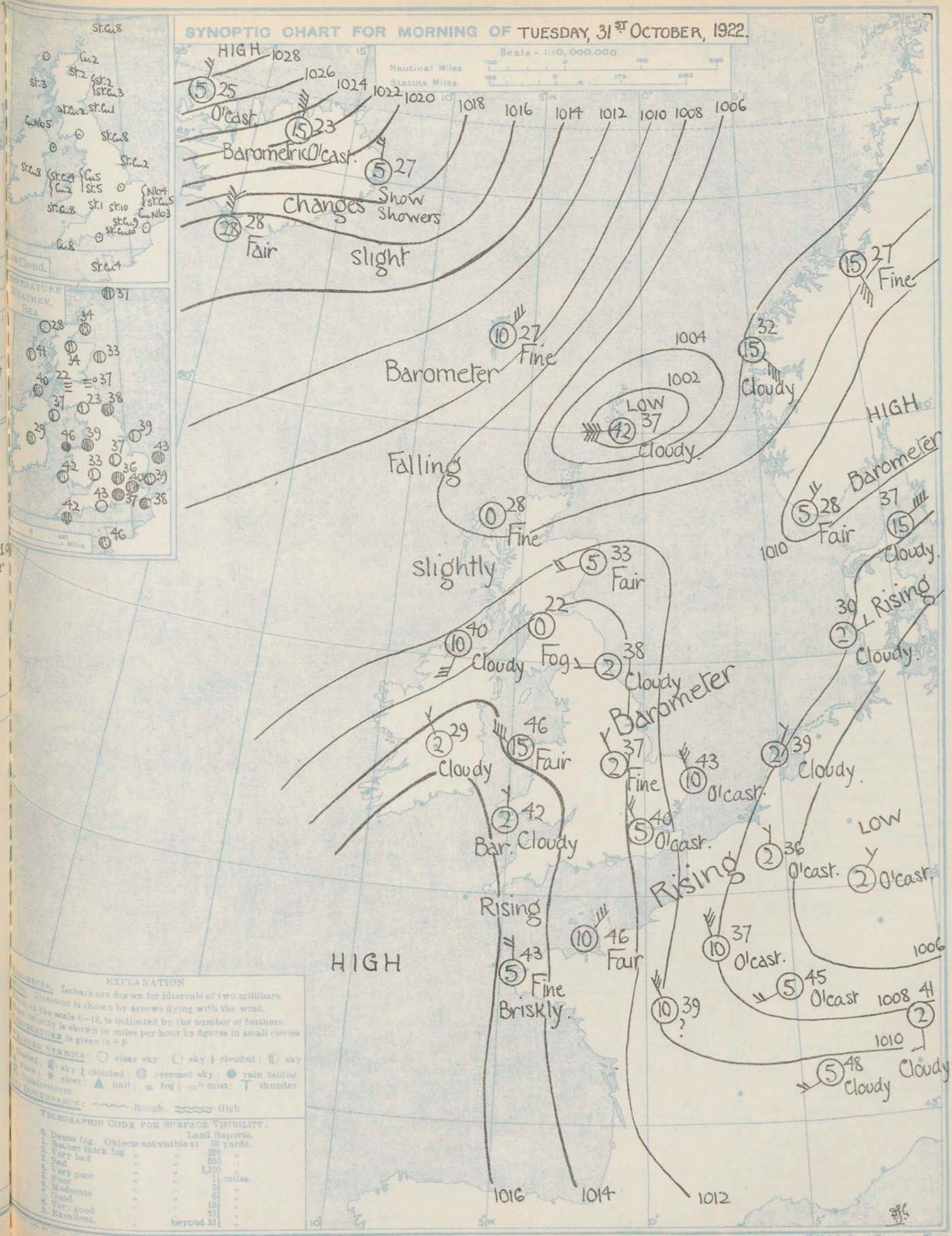
Pressure is low in a belt extending from N. of the Azores to Scandinavia and is high over Iceland, and off our S.W. coasts A large depression in the Atlantic will cause S.W. winds soon on our W. coasts, but winds will remain northerly to north-westerly for another 24 hours in the S.E. districts

| Districts. | Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday 31st October, 1922. | Further Outlook. |
|---|---|---|
| 1. S.E. England<br>2. E. England | Light northerly wind backing towards W.; fair generally; cold with night frost; day visibility good, some mist at night. | Withheld. |
| 3. E. Midlands<br>4. W. Midlands<br>5. S.W. England<br>6. South Wales | Light northerly wind backing to W or S.W. mainly fair; day visibility good, some night mist; rather milder. | |
| 7. North Wales<br>8. N.W. England<br>9. N. Midlands<br>10. N.E. England<br>11. E. Scotland<br>12. S.W. Scotland<br>13. Isle of Man | Wind W to S.W. light or moderate; fair at first, less fair later; day visibility moderate; some mist at night, milder. | |
| 14. N. & N.W. Scotland<br>15. Hebrides | Wind variable becoming S to S.W. moderate; fair early, some rain later; milder. | |
| 16. Orkneys and Shetlands | Strong W wind becoming light variable; cloudy, some rain or snow showers; cold. | |
| 17. N.W. Ireland<br>18. N.E. Ireland<br>19. S.E. Ireland<br>20. S.W. Ireland | Wind S.W. to S. light or moderate, freshening; cloudy, some rain probable later; visibility moderate; milder. | |

E415



* See Code on opposite page.




EXPLANATION

PRESSURE: Isobars are drawn for intervals of two millibars.

WIND: Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Wind velocity is shown in miles per hour by figures in small circles.

TEMPERATURE is given in °F.

WEATHER SYMBOLS: ○ clear sky, ◐ sky ½ clouded; ◑ sky ¾ clouded, ◐ sky ½ clouded; ◍ overcast sky; ● rain falling; ∴ snow; ✱ sleet; ▲ hail; ≡ fog; ⁻ᵒ mist; T thunder; ⚡ thunderstorm.

SEA ROUGHNESS: ~~~ Rough, ≈≈≈ High

TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

| | | Land Reports. |
|---|---|---|
| 0. Dense fog. | Objects not visible at | 55 yards. |
| 1. Rather thick fog | " " | 220 " |
| 2. Very bad | " " | 550 " |
| 3. Bad | " " | 1,100 " |
| 4. Very poor | " " | 1¼ miles. |
| 5. Poor | " " | 2 " |
| 6. Moderate | " " | 6 " |
| 7. Good | " " | 12 " |
| 8. Very good | " " | 31 " |
| 9. Excellent. | beyond | 31 " |

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION....Tuesday, 31st October.....1922. No. 304.

**Observations at 0100 G.M.T....31st.....**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1007·9 | -6 | SSW | 6 | 0 | 40 | 75 | 7 | 5750 | St Cu | 3 | a St | 10 | * |
| Stornoway ... ... | 1009·4 | -3 | NW | 3 | PR | * | | 5 | * | * | * | * | * | * |
| Wick ... ... ... | 1008·1 | -2 | SW | 3 | 0r₀ | 37 | 92 | 8 | 4000 | Nb | 10 | - | 10 | * |
| Castlebay ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Nairn ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Aberdeen ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Malin Head ... ... | 1012·1 | -1 | SSW | 3 | bc p₀ | 40 | 92 | 7 | 5750 | Nb | 6 | - | 6 | * |
| Renfrew ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Edinburgh (Inchkeith) | 1011·4 | 0 | NNE | 2 | b- | 38 | 85 | 8 | - | St | 1 | - | 1 | * |
| Leuchars ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Eskdalemuir ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Tynemouth ... ... | 1010·6 | +1 | W | 2 | c/r | 39 | 97 | 6 | 4000 | Nb | 8 | . | 8 | * |
| Blacksod Point ... | | | | | | | | | | | | | | * |
| Donaghadee ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Birr Castle ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Holyhead ... ... | 1011·9 | +1 | N'E | 4 | c | 47 | 75 | 8 | 4000 | St Cu | 3 | a Cu | 7 | * |
| Liverpool (Bidston) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Chester (Shotwick) ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Spurn Head ... ... | 1008·3 | +2 | N'E | 5 | c | 45 | 92 | 7 | 1500 | St | 8 | - | 8 | * |
| Nottingham ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Cranwell ... ... | 1009·3 | +3 | NNW | 4 | bc | 36 | 97 | 7 | 4000 | St Cu | 3 | a St | 10 | * |
| Gorleston ... ... | 1007·2 | +2 | NE | 5 | o+ | 45 | 65 | 7 | 4000 | St | 10 | - | 10 | * |
| Valencia (Cahirciveen) | 1016·7 | +2 | NNW | 1 | bc+ | 45 | 85 | 8 | - | Cu Nb | 5 | - | 5 | * |
| Roches Point ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Pembroke (St. Ann's H.) | 1012·6 | +2 | N | 3 | bc- | 43 | 75 | 8 | 4000 | St Cu | 4 | - | 4 | * |
| Ross-on-Wye ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Benson... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Andover ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| S. Farnborough ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| London (Kew Obsy.)... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Croydon ... ... | 1007·6 | +5 | NW | 1 | o- | 38 | 85 | 6 | - | - | 0 | ci St | 9 | * |
| Clacton-on-Sea ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Shoeburyness... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Grain ... ... ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lympne ... ... | 1004·6 | +6 | N | 5 | o/r | 41 | 97 | 7 | 1500 | Nb | 10 | - | 10 | * |
| Scilly (St. Mary's) ... | 1008·1 | +4 | N | 4 | c | 49 | 85 | 8 | 4000 | Cu | 7 | - | 7 | * |
| Falmouth (Pendennis) | | | | | | | | | | | | | | * |
| Plymouth (Cattewater) | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Portland Bill ... ... | 1008·5 | +5 | N | 5 | 0 | 42 | 85 | 7 | - | - | - | a St | 10 | * |
| Southampton (Calshot) | 1008·5 | +4 | NNW | 3 | 0 | 40 | 85 | 8 | 4000 | St Cu | 7 | a St | 10 | * |
| Dungeness ... ... | 1005·6 | +5 | N | 2 | opr₀ | 42 | 92 | 8 | 5750 | St Cu | 10 | - | 10 | * |
| Jersey -7h ... ... | 1007·8 | +5 | NNE | 5 | o/r | 45 | 92 | 8 | 5750 | Cu | 3 | a Cu | 9 | * |
| Guernsey 1h | | | | | | | | | | | | | | |

**Observations at 0700 G.M.T.....31st.....**

| STATIONS. | Barom. at M.S.L. m.b | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lerwick ... ... | 1001·8 | 0 | W | 8 | c | 37 | 65 | 6 | 4000 | St Cu | 8 | - | 8 | 7 |
| Stornoway ... ... | 1008·0 | -1 | - | 0 | b | 28 | 97 | 7 | - | - | 0 | - | 0 | * |
| Wick ... ... ... | 1008·1 | +2 | WSW | 2 | c/r | 34 | 92 | 8 | 4000 | Cu | 2 | ci St | 7 | 0 |
| Castlebay ... ... | 1008·6 | 0 | NNE | 1 | bc | 41 | 85 | 8 | 2500 | St | 3 | - | 3 | 1 |
| Nairn ... ... ... | 1008·6 | * | - | 0 | bc | 34 | 92 | 8 | 1500 | St | 2 | a Cu | 5 | * |
| Aberdeen ... ... | 1010·4 | 0 | SW | 2 | bc- | 33 | 85 | 8 | 1500 | St Cu | 5 | - | 5 | 0 |
| Malin Head ... ... | 1010·3 | -2 | S'W | 3 | c/r | 40 | 97 | 7 | - | Cu Nb | 5 | a Cu | 8 | 3 |
| Renfrew ... ... | 1013·3 | 0 | - | 0 | ffb | 23 | 97 | 2 | 1250 | St Cu | 2 | - | 2 | * |
| Edinburgh (Inchkeith) | 1011·3 | +1 | WSW | 2 | mb- | 37 | 92 | 6 | - | St Cu | 1 | - | 1 | * |
| Leuchars ... ... | 1011·3 | 0 | - | 0 | 0 | 27 | 97 | 6 | - | - | 0 | a St | 9 | * |
| Eskdalemuir ... ... | 1013·8 | +1 | - | 0 | b | 23 | 85 | 7 | - | - | 0 | ci St | 3 | 1 |
| Tynemouth ... ... | 1012·4 | +2 | W | 1 | c | 38 | 97 | 6 | 4000 | St Cu | 8 | - | 8 | * |
| Blacksod Point ... | | | | | | | | | | | | | | |
| Donaghadee ... ... | 1013·3 | +1 | W | 1 | b- | 37 | 85 | 8 | - | - | 0 | a Cu | 3 | 0 |
| Birr Castle ... ... | 1015·3 | * | NNW | 1 | c+ | 29 | 97 | 7 | 4000 | St Cu | 8 | - | 8 | * |
| Holyhead ... ... | 1013·2 | +1 | WNW | 4 | bc jp | 46 | 85 | 8 | 2500 | St Cu | 6 | - | 6 | 2 |
| Liverpool (Bidston) ... | 1013·5 | +2 | - | 0 | o+ | 39 | 85 | 7 | 1500 | St | 10 | - | 10 | 2 |
| Chester (Shotwick) ... | 1013·5 | +3 | SSE | 1 | fo | 32 | 92 | 3 | 4000 | St | 10 | - | 10 | * |
| Spurn Head ... ... | 1011·4 | +3 | NW | 5 | b | 39 | 85 | 7 | 4000 | St Cu | 2 | - | 2 | 5 |
| Nottingham ... ... | 1012·7 | * | NW | 1 | b | 37 | 92 | 2 | - | - | 0 | a Cu | 1 | * |
| Cranwell ... ... | 1012·7 | +5 | NNW | 3 | mmbc | 34 | 97 | 4 | 4150 | St | 6 | - | 6 | * |
| Gorleston ... ... | 1009·7 | +2 | NNW | 3 | o- | 43 | 75 | 6 | 2500 | St Cu | 9 | - | 9 | 4 |
| Valencia (Cahirciveen) | | | | | | | | | | | | | | |
| Roches Point ... ... | | | | | | | | | | | | | | |
| Pembroke (St. Ann's H.) | 1015·5 | +3 | N | 1 | c+ | 42 | 85 | 8 | 2500 | St Cu | 8 | - | 8 | 2 |
| Ross-on-Wye ... ... | 1014·7 | +3 | SW | 1 | b- | 33 | 92 | 7 | 2500 | St | 1 | - | 1 | * |
| Benson... ... ... | 1013·5 | +5 | - | 0 | o | 36 | 97 | 6 | 2500 | St | 10 | - | 10 | * |
| Andover ... ... | 1013·4 | +5 | NW | 2 | bc | 37 | 92 | 6 | 1500 | St | 5 | - | 5 | * |
| S. Farnborough ... | 1013·4 | +4 | W | 2 | o | 37 | 92 | 6 | 4000 | St Cu | 10 | - | 10 | * |
| London (Kew Obsy.)... | 1012·6 | +5 | NNW | 2 | o | 40 | 85 | 6 | 2500 | St Cu | 9 | - | 9 | * |
| Croydon ... ... | 1012·4 | +6 | NNW | 2 | * | 39 | 92 | 5 | 1500 | St | 10 | - | 10 | * |
| Clacton-on-Sea ... | 1009·8 | +3 | NNW | 3 | bc | 39 | 92 | 7 | 2500 | Cu Nb | 3 | a St | 5 | 1 |
| Shoeburyness... ... | 1010·8 | +5 | NW'N | 4 | bc | 38 | 85 | 6 | 5750 | Cu | 2 | a Cu | 5 | 3 |
| Grain ... ... ... | 1011·5 | +8 | NW | 4 | bc | 39 | 97 | 7 | 5750 | St Cu | 2 | ci | 5 | * |
| Lympne ... ... | 1010·6 | +8 | N'W | 4 | bc+ | 38 | 92 | 6 | 1500 | St Cu | 4 | ci St | 6 | * |
| Scilly (St. Mary's) ... | 1016·4 | +3 | NNW | 3 | bc+ | 47 | 75 | 8 | 2500 | St Cu | 10 | - | 10 | 4 |
| Falmouth (Pendennis) | 1016·3 | +8 | N | 2 | c+ | 42 | 97 | 7 | 4000 | Cu | 8 | - | 8 | 0 |
| Plymouth (Cattewater) | 1016·8 | +7 | - | 0 | c- | 35 | 92 | 6 | 4000 | St Cu | 8 | - | 8 | 3 |
| Portland Bill ... ... | 1012·5 | +5 | N | 4 | b- | 43 | 85 | 7 | - | - | 0 | - | 0 | * |
| Southampton (Calshot) | 1013·1 | +5 | NNW | 3 | bc+ | 40 | 85 | 6 | 4000 | St Cu | 3 | a Cu | 5 | 0 |
| Dungeness ... ... | 1020·1 | +5 | N | 2 | c- | 38 | 97 | 8 | - | - | 0 | ci | 7 | 4 |
| Jersey -7h ... ... | 1013·6 | +5 | NNE | 3 | bc | 46 | 75 | 8 | 4000 | St Cu | 4 | - | 4 | 3 |
| Guernsey 1h | | | | | | | | | | | | | | |

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR....31st October.....

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. 29th & 30th °F. | Temperature. Max. Day. 30th °F. | Rainfall.† Night 17h.-9h. 29th-30th mm. | Rainfall.† Day 9h.-17h. 30th mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. hr. |
|---|---|---|---|---|---|---|---|---|
| Banff ... ... | bcpb | b | 36 | 46 | 6 | 0·4 | | 5·1 |
| Montrose ... ... | - | - | 29 | 43 | - | 1 | | 2·6 |
| Llandudno ... ... | c | c | 39 | 47 | - | - | | 0·2 |
| Colwyn Bay ... | c | c | 42 | 46 | - | - | | 0·1 |
| Rhyl... ... ... | o | o | 41 | 47 | - | - | | 0·1 |
| Southport ... ... | oco | ocbc | 38 | 48 | - | - | | 1·0 |
| Blackpool ... ... | c | bc | 39 | 48 | - | - | | 1·6 |
| Harrogate ... ... | opo | co | 36 | 44 | 0·3 | 1 | | 0·4 |
| Skegness ... ... | cobc | ccb | 40 | 47 | - | - | | 3·4 |
| Aberystwyth ... | oco | o | 41 | 49 | - | - | | 0·5 |
| Bath ... ... | o | o | 35 | 47 | 12 | - | | 0·0 |
| Leamington Spa ... | o | o | 34 | 47 | - | - | | 0·0 |
| Lowestoft ... ... | o | o | 42 | 47 | - | - | | 0·0 |
| Felixstowe ... ... | ou | our | 43 | 44 | - | 4 | | 0·0 |
| Southend ... ... | oro | ood | 40 | 43 | 2 | 0·6 | | 0·0 |

| STATIONS. | Weather. Forenoon. | Weather. Afternoon. | Temperature. Min. Night. °F. | Temperature. Max. Day. °F | Rainfall.† Night 17h.-9h. mm. | Rainfall.† Day 9h.-17h. mm. | Sunshine. hr. | Sunshine. Sunrise to Sunset. hr. |
|---|---|---|---|---|---|---|---|---|
| Paignton ... ... | oqmo | qpoqm | 38 | 45 | 11 | 1 | | 0·0 |
| Ilfracombe ... ... | or | o | 35 | 48 | 9 | 2 | | 0·0 |
| Bude ... ... | roo | oo | 34 | 47 | 12 | - | | 0·0 |
| Penzance ... ... | oro | op | 33 | 46 | 19 | 1 | | 0·0 |
| Falmouth Observatory | om | om | 34 | 45 | 7 | - | | 0·0 |
| Torquay ... ... | r | opod | 36 | 45 | 12 | 1 | | 0·0 |
| Weymouth ... ... | ir₀ | o | 35 | 45 | 5 | 0·2 | | 0·0 |
| Bournemouth ... | o | o | 33 | 45 | 7 | - | | 0·0 |
| Portsmouth (S'thsea) | om | opm | 37 | 45 | 4 | 0·6 | | 0·0 |
| Worthing ... ... | od | o | 36 | 44 | - | - | | 0·0 |
| Brighton ... ... | oro | o | 37 | 45 | 3 | 0·5 | | 0·0 |
| Eastbourne ... ... | r | ro | 39 | 44 | 5 | 2 | | 0·0 |
| Hastings ... ... | oro | od 3 | 37 | 43 | 8 | 4 | | 0·0 |
| Folkestone ... ... | r | d | 35 | 45 | 9 | 1 | | 0·0 |
| Tunbridge Wells ... | odo | odo | 37 | 43 | 5 | 1 | | 0·0 |
| Ramsgate ... ... | r | rd | 39 | ? | 9 | 6 | | 0·0 |
| Margate ... ... | orr | or | 38 | 44 | 9 | 4 | | 0·0 |
| Deal ... ... ... | or | or | 41 | 43 | 12 | 2 | | |

* Information for these columns not usually received. † Trace = rain has fallen, but amount less than 0·1 mm. § For code see page 1. ‡ See footnote page 1.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, October 1922.



### I.—CORRECTIONS.

| Report for | STATION. | CORRECTION. |
|---|---|---|
| 1st | Andover | 1300 30th Hum: 97% |
| | Holyhead | 0100 1st Bar 1006.6 mb |
| | Eskdalemuir | 0700 1st " 1017.5 " |
| | Croydon | 0700 1st Wind W'S |
| | Rhyl | 1700 30th c. c.op. 39.55 - 3 0.0 6.7 |
| | Blackpool | " " m.o. or 42.57 - 2. 0.0 7.2 |
| | Eastbourne | Sun to 17h 30th 4.2 hrs |
| | Tynemouth | Min 50° |
| | Croydon | Past Weather 13-18h omr. ⊕ |
| | Plymouth | Max 58 Min 55 Grass 55 |
| 2nd | Holyhead | Rain 7.4 + 0.5 mm Sun 0.0 hrs |
| | Chester | 1300 1st Vis: 8 Cloud 2500' |
| | S. Tarnborough | 1800 1st Temp 50° Hum: 92% |
| | Plymouth | " " Hum: 97% |
| | Shoeburyness | " " Cloud St Cu 4 ast 7 |
| | Grain | 0700 2nd Vis: 2 |
| | Stornoway | " " Bar: 1019.7 mb. |
| | Leuchars | Rain 7-18h 0.3 mm |
| | Ross-on-Wye | " 18-7h 1 mm |
| | Paignton | Max 63° P. Weather 13-18h ovorzm |
| | Torquay | Min 54° |
| 3rd | Eastbourne | Sun to 17h 1st 1.4 hrs |
| | Castlebay | " for 30° 4.2 hrs. |
| | S. Tarnboro' | 1300 2nd Bar 1013.9 mb |
| | Croydon | " " Weather mmbc |
| | Benson | Night Weather omw ⊕ |
| | S. Tarnboro' | 1800 2nd Hum: 87% |
| | Holyhead | " " Vis: 6 |
| | Andover | 0100 3rd Temp 54° |
| | Ross-on-Wye | Past Weather 18-1h bem. bm |
| | Lowestoft | Rain 7-18h Trace |
| | Weymouth | Sun: to 17h: 2.6 hrs |
| 4th | Cranwell | " " " 7.3 " |
| | Castlebay | 1300 3rd Temp 61° |
| | Andover | 1800 3rd Bar: 1008.3 mb |
| | Liverpool | " " Vis: 8 |
| | Chester | 0700 4th Temp 55° |
| | Llandudno | " " Cloud 1500' |
| | Lowestoft | Rain 9-17h 1 mm |
| | Paignton | Sun for 2° 2.6 hrs |
| | Weymouth | Min 55° |
| 5th | Lympne | Sun for 2nd 7.3 hrs |
| | Holyhead | Grass Min 51° |
| | Andover | 1800 4th Cloud 225' |
| | Holyhead | " " 4th Bar: 1015.3 mb. |
| | Cranwell | 0700 5th Bar 1005.0 Wind SSW |
| | Skegness | " " SW 3. St 7. |
| | | Rain 17-9h 1 mm. 9-17h - Sun to 17h 1.0 hr |
| | Eastbourne | Rain 17-9h 1 mm Sun to 17h 0.3 hrs |
| | Falmouth | Rain 18-7h 0.4 mm |
| 6th | Plymouth | Past Weather orrm. ofm. odr. orc |
| | Leuchars | 1300 5th Bar: 1007.2 mb. |
| | Benson | " " " 1009.4 " |
| | Andover | " " Weather OPR |
| | Plymouth | " " Hum 85% |
| | Shoeburyness | 1800 5th Bar: 1009.1 mb |
| | Malin Head | Sun: 6.3 hrs |
| | Holyhead | Grass Min 49° |
| | S. Tarnboro' | Max 65° |
| | Shoeburyness | Sun: 3.6 hrs |
| | Skegness | Sun for 4 1.0 hrs |
| | Lowestoft | " to 17h 2.5 hrs |
| | Bude | " " " 2.4 " |
| 7th | Strathcombe | Min 57° |
| | Renfrew | 1300 6th Temp 55° |
| | Eskdalemuir | 1800 6th " 43° |
| | Portland | " " Bar 1018.0 mb |
| | Tynemouth | 0700 7th Wind NE |
| | Edinburgh | Max 58° |
| | Cranwell | Min 42 |
| | Lympne | Rain 7-18hr 3 mm |
| | Lowestoft | Sun for 5th 2.5 hrs |
| | Bude | " " " 2.4 " |
| 8th | Torquay | " " " 5.4 " |
| | Castlebay | 1300 7th Wind E |
| | Spurn Head | " " Temp 54° |
| | Cranwell | 1300 7th " 45° |
| | " | 0100 8th " 41° |
| | | " " " 54° |
| | Gorleston | 0700 8th Weather ffb. |
| | Chester | c.c. 42. 58 - - 6.2 5.2. |
| | Colwyn Bay | b.bc b 37. 56 - - 8.8. 7.7. |
| | Blackpool | Sun to 17h: 6.6 hrs |
| | Torquay | bc.b. b.bc.c. 52. 56 - - 6.8 0.1 |
| | Margate | |

| Report for | STATION. | CORRECTION. |
|---|---|---|
| 8th | Gorleston | Min 52° |
| | Cardiff | Max 56 mmHH Rain nil Sun 6.6 |
| | | Past Weather 18-1h bc. 1-7h bw |
| 9th | Lerwick | 1300 8th Temp 50° |
| | Benson | " " 1027.6 mb |
| | Liverpool | 1800 " MHW |
| | Croydon | Radio disturbance 1h c.s - 100° |
| | Portland Bill | 0700 9th Temp 50° |
| | Torquay | Sun for 9th 6.6 hrs |
| | Wick | Max 54° |
| | Ross-on-Wye | Past Weather 1-7h omdm. |
| | S. Tarnboro' | Min 43° |
| | Lympne | Sun 0.1 hrs |
| 10th | Cranwell | 1800 9th Wind NE'N |
| | " | 0100 10th " " |
| | Andover | 0700 " Bar 1020.3 mb |
| | " | " " Cloud 2500' |
| | Stornoway | Min 42° |
| | Collinstown | " 43° |
| | London (Kew) | Rain 18-7h 0.1 mm. |
| | Grain | Sun 5.0 hrs |
| | Lympne | " 8.6 " |
| | Plymouth | Min 43° |
| 11th | Renfrew | 1300 10th Bar: 1021.6 mb |
| | Lympne | " " " change -1 |
| | Aberdeen | 1800 10th Wind SSE 3 |
| | Leuchars | " " Bar 1020.6 mb |
| | Holyhead | " " Wind ENE 3 |
| | Chester | " " Bar 1019.0 Wind E |
| | Cranwell | " " Wind ENE 2 |
| | Croydon | Radio c. 6 - 110° |
| | Scilly | 0700 11th Temp 48° |
| | Falmouth | " " " 50° |
| | Kew | Max 53° |
| | Lympne | Summary c.o. cpro oc.bc. ow. Sun 3.4 hrs |
| | Scilly | Min 47° |
| | Torquay | Sun to 17h 6.1 hrs |
| | Weymouth | " " " 4.2 " |
| | Ramsgate | bc. o. 47. 54. 0.4 - 2.3 7.3. |
| 12th | Aberdeen | 1300 11th Wind SSE 3 |
| | Croydon | " " Cloud Cu 3 |
| | Cranwell | 1800 11th " St 4 Weather bcm |
| | Plymouth | " " Wind S 3 |
| | Gorleston | 0700 12th Temp 40° |
| | Plymouth | " " Bar: 1016.4 mb |
| | Dungeness | " " " 1019.4 " |
| | Paighton | Min 47° |
| | Torquay | Sun: for 10th 6.1 hrs. |
| | Holyhead | Past Weather 13-18h or. bc. o. Sun 4.7 hrs |
| | Lympne | Sun 5.2 hrs Past Weather 18-1h bwk 1-7h bxw. bcm |
| 13th | Castlebay | 1300 12th Hum: 75% Vis 7 |
| | Leuchars | " " Bar 1012.6 mb |
| | Chester | " " Weather orsr. |
| | Lympne | " " Wind SSW 3 |
| | Eskdalemuir | 1800 " Hum: 95% |
| | Kew | " " Vis 3 |
| | Grain | " " Bar 1022.6 mb. |
| | Cranwell | 0100 13th Temp 42° |
| | Plymouth | 0700 " Sta 1 |
| | Chester | Past Weather 18-1h o.bcm. |
| | Lympne | " " 13-18h bc.cpr 13-18h o.c.bc. Sun 6.8 hrs |
| | Strathcombe | Sun to 17h 4.8 hrs |
| | Eastbourne | " " " 8.3 " |
| 14th | Chester | 1300 13th Wind SE |
| | Croydon | Radio 7h c. s. - 140° |
| | Cranwell | 0700 14th Temp 33° |
| | Renfrew | Past Weather 13-18h ozm. |
| | | Benson 1300 13th Bar 1022.5 mb |
| 15th | Holyhead | 0100 15th Hum 75% |
| | Grain | 0700 15th Bar 1021.0 mb. |
| | Lerwick | Min 50° |
| | Holyhead | Max 66° |
| | Andover | Min 39 Grass Min 31° |
| | Plymouth | Max 57 Min 51° |
| | Dungeness | " 60° |
| | Benson | " 65° |
| | S. Tarnboro' | Past Weather 1-7h ofx |
| | Strathcombe | b. b. 55. 67. - - 9.6 |
| 16th | Plymouth | 1300 15th Bar change -1 |
| | Castlebay | 1800 15th " 1015.6 mb. |
| | Eskdalemuir | " " Temp 49° |
| | Plymouth | " " should read Calshot |
| | Calshot | " " " " Plymouth |

| Report for | STATION. | CORRECTION. |
|---|---|---|
| 16th | Hampstead | 59. 45. 40 - Trace 9.1 ‡ 87 |
| | Croydon | Radio 1300 c. 4 - 125° |
| | Kew | Rain 18-7h 0.1 mm |
| | Plymouth | Past Weather 13-18h b. |
| 17th | Holyhead | 0100 17th Temp 52° Hum. 85% |
| | " | 0700 " Bar change +1 |
| | Spurn Head | Min 53° |
| | Chester | Past Weather 13-18h bz. bm |
| 18th | Eskdalemuir | 1800 17th Bar 1024.8 mb |
| | S. Tarnboro' | " " " 1016.9 " |
| | Calshot | " " Hum 75% |
| | Nairn | Max 48° Sun 7.3 hrs |
| | Renfrew | Past Weather 18-1h bcom 1-7h c. om |
| | Leuchars | Max 55° |
| | Spurn Head | " 55° Sun: 5.3 hrs |
| | Clacton-on-Sea | Rain 18-7h 0.2 |
| | Lympne | Sun 5.4 hrs |
| | Bude | " 5.0 " |
| 19th | Renfrew | 1300 18th Bar 1029.5 mb. |
| | Cranwell | " " Temp 51° Wind ENE |
| | Andover | " " Change +2 Vis 7 |
| | Portland Bill | 1800 " Cloud St Cu 6 |
| | Croydon | Radio 0100 $C_1C_2$ 6 - 35° |
| | Lowestoft | Sun: 3.4 hrs. |
| | Andover | Rain 18-7h — |
| | Lympne | Sun: 3.0 hrs |
| | Andover | Past Weather 18-1h o.c.bc.b. |
| | Croydon | " " 13-18h c.opro |
| | Plymouth | Min 45° |
| | Calshot | " 44° |
| 20th | Andover | 1800 19th 1019.4 o ENE 4. |
| | Grain | " " 1019.1 -1 ENE 7 Cloud St 6 |
| | Edinburgh | 0700 20th Bar 1026.0 mb. |
| | Harrogate | Sun 6.4 hrs |
| | Ilfracombe | " 4.6 " |
| | Chester | Time of rain 1230 |
| | Benson | Grass Min 37° |
| | Lympne | Past Weather 18-1h orrq/ |
| 21st | Cranwell | 1800 20th Hum: 88% |
| | S. Tarnboro' | Bar change +1 |
| | Cranwell | 0100 21st Temp 42° |
| | Holyhead | Summary o.c.o.c. c.bc. bc.oc.o. c.o |
| | Chester | Past Weather 18-1h bx. om. |
| 22nd | Andover | 1300 21st Wind ENE |
| | Jersey | " " " ENE 5 |
| | Castlebay | 1800 21st Temp 47° |
| | Malin Hd | " " " 49° |
| | Cranwell | " " " 45° |
| | Benson | " " Wind NE |
| | Andover | " " Bar 1016.1 mb. |
| | Kew | " " Hum 75% Vis 5 |
| | Shoeburyness | " " Bar 1017.8 mb |
| | Plymouth | " " " 1013.8 " |
| | Lympne | 0100 22nd " 1017.0 " |
| | | " " Temp 43° |
| | " | 0700 22nd Bar 1016.1 Temp 42° |
| | Andover | Grass Min 34° |
| | Croydon | Time of rain <2100 |
| | Calshot | Max 54° |
| | Ilfracombe | Sun: 3.9 hrs |
| | Torquay | " 5.0 " |
| 23rd | Stornoway | 1300 22nd Wind NE |
| | Croydon | Grass Min 33° |
| | Castlebay | 1800 22nd 49° Temp |
| | Stornoway | 0700 23rd 49° " |
| | Portland Bill | " " Cloud 4000' |
| | Hastings | c.bc. bc.b. 43. 49. - - 5.9 |
| | Calshot | Sun 2.6 hrs. |
| 24th | Aberdeen | 1300 23rd Cloud 1500 St Cu 8 - 8 |
| | Kew | " " Bar 1014.4 mb. |
| | Andover | 0700 24th " 1020.3 Wind NNE |
| | Hastings | od.o. op.oo 39. 50 0.4 1 0.4 |
| | Leuchars | Grass Min 33° |
| | Cranwell | Past Weather 7-13h ido op |
| 25th | Shoeburyness | 1300 24th Bar: 1021.0 mb. |
| | Lympne | " " Wind NNE 3 or. Nb 9 |
| | Renfrew | 1800 " Bar 1024.9 mb Wind WNW Temp 44° |
| | Holyhead | 0100 25th Bar 1024.1 mb. |
| | Croydon | " " Temp 35° |
| | Benson | 0700 " Wind NE 1 |
| | Hastings | o.o.bc. bc op. 41. 53. - - 2.7 |
| | Malin Head | Rain 7-18h — |
| | Cranwell | Grass Min 30° |
| 26th | Portland Bill | 1800 25th Cloud 6000' |
| | Hastings | c.o.o.bc. c.op.b. 39. 51 0.3 1 4.5 |
| | Calshot | Summary Max 52 Min 52 grass 30 Sun 5.7 |

‡ The barometric change is expressed in half millibars.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. CORRECTIONS AND ADDITIONS, October 1922



## I.—CORRECTIONS.

| Report for | STATION. | CORRECTION. |
|---|---|---|
| 27th | Andover | 1300 26th Cloud Ci 7 |
| | Castlebay | 1800 " " Cu 8 |
| | Leuchars | " " Temp 43° |
| | Holyhead | " " Cloud 2500' |
| | Castlebay | 0700 27th " St 10 |
| | Cranwell | " " Temp 35° |
| | Spurn Head | Rainfall 7-18h 4 mm |
| | Andover | Past Weather 18-1h c.bc.b |
| | S. Farnboro' | Sun: 3.9 hrs. |
| | Plymouth | Past Weather 18-1h bc.c.om |
| | Southport | Min 36° |
| | Torquay | " 38° |
| | Eastbourne | " 32° |
| | Hastings | bc.b. b.bc.c. 33. 47. - - 7.3 |
| 13th | Blacksod Pt 13h | 1007.2 +2 NE 4 mo 52 92 7 - Nb 10 - 10 |
| | " " 18h | 1007.7 0 SE 6 oPR 56 92 7 - Nb 10 - 10 |
| | " " 1h | 1008.8 -1 SE 5 o 54 85 7 - CuNb 10 - 10 |
| | " " 7h | 1007.9 -2 SSE 6 o 51 85 7 - St 10 - 10 |
| | | Summary oo.oo r.d.oo 55. 51 Rain 4 mm 0.4 mm |
| | Roches Pt 13h | 1001 +2 S 4 c- 58 85 8 1500 StCu a.Cu 7 |
| | " " 18h | 1021 0 SE 5 o 56 85 7 1500 StS CiSt 10 |
| | " " 7h | 1017 0 SE 5 o 56 92 6 4000 StCu 10 10 7 |
| | | Summary o.c. c.o. o.b.or. om max 59 min 56 Rain - 0.5 mm |
| 28th | Eskdalemuir | 1300 27th Cloud StCu 5 |
| | Andover | 1800 " Change +4 Hum. 85% |
| | Wick | 0100 28th Bar 1025.1 mb |
| | Nairn | 0700 " " 1027.5 " |
| | Ross-on-Wye | " " Bar change +3 |
| | Renfrew | Max 45° Weather 13-18h bc.b. Rain o – |
| | Holyhead | Grass Min 37° Sun 1.2 |
| | Cranwell | Past Weather 1-7h bspx. |
| | S. Farnboro' | Rain 7-18h 0.4 mm. |
| | Nairn | " 18-7h 2 mm. |
| | Southend | Rain 9-17h 0.1 mm |
| | Skegness | " 17-9h 6 " |
| | Brighton | Sun 2.7 hrs |
| | Hastings | bc.c. c.o. 35. 46 - o - 2.9 |
| 29th | Croydon | Radio c. 6 - 95° |
| | Liverpool | 1800 28th Temp 39° |
| | Cranwell | " " Cloud StCu 3 a.Cu 4 |
| | Holyhead | 0700 29th Bar 1016.7 mb. |
| | Andover | " " Wind NE 5 |
| | Hastings | oprs o c.ors.c 35. 41. 27. 2. 2.3 hrs |
| | Aberdeen | Past Weather 18-1h c-od o |
| | Liverpool | Grass Min 26° |
| | Cranwell | Past Weather 13-18h b.bcpo. 18-1h cprs |
| | Plymouth | 18-7h b.o. Max 45 Min 33 Grass 33 Rain - Sun 5.8 hrs. |
| 30th | Liverpool | 1300 29th Wind E |
| | Andover | " " Bar 1006.2 mb |
| | Lympne | 1800 " Wind NE'E |
| | Croydon | Radio C₁, C₂ 7 - 10° |
| | Holyhead | 0700 30th Temp 46° |
| | Croydon | " " Cloud 800' |
| | Calshot | " " Wind NNE 4 |
| | Worthing | Rain 9-17h 1 mm |
| | Hastings | o. ors 33 41. 1. 1. 0.0 |
| | Wick | Rain 18-7h 4 mm |
| | Castlebay | " " 2 " |
| | S. Farnboro' | " " 3 " |
| 31st | Benson | 1300 30th Bar 998.8 mb |
| | Andover | " " Wind NNE |
| | Lympne | 0100 31st Hum 90% |
| | Castlebay | 0700 31st Wind NE |
| | Plymouth | " " Hum. 97% |
| | Malin Hd | Min 36° |
| | Leuchars | " 27 Grass Min 15 |
| | Ross-on-Wye | Rain 7-13h 1 mm. |
| | Plymouth | " " 9 " |
| | Calshot | Grass Min 36° |
| | Plymouth | Past Weather 18-1h o.c.bc |
| | Croydon | " " 7-13h omd rom |

## II.—ADDITIONS.

| Report for | STATION. | Barom. at M.S.L. m.b. | Change in 3 Hours.‡ | Wind Direc. | Wind Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Low Cloud Form. | Low Cloud Amt. 0-10 | Upper Form. | Total Amt. 0-10 | Sea. 0-9 | Weather 7h.-13h. | Weather 13h.-18h. | Weather 18h.-1h. | Weather 1h.-7h. | Temp. Max. Day 7h.-18h. | Temp. Min. Night 18h.-7h. | Min. on Grass. | Rainfall Day 7h.-18h. | Rainfall Night 18h.-7h. | Precipitation began. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1st | Birr Castle 13h | 1016.1 | - | S | 2 | c- | 61 | 85 | 7 | 2500 | St | 8 | - | 8 | * | c oir o | | | | | | | | | 1430 |
| | " " 18h | 1014.7 | - | S | 1 | oDD | 60 | 92 | 6 | 225 | Nb | 10 | - | 10 | * | | od o d o | | | | | | 1 | | <2100 |
| | " " 7h | 1021.0 | - | SE | 1 | c/r | 45 | 97 | 7 | 4000 | Nb | 8 | - | 8 | * | | | od o | c.o | 61 | 44 | 36 | | 2 | - |
| 2nd | Roches Pt 7h | 1021.3 | +1 | WNW | 2 | b | 49 | 92 | 8 | - | - | 0 | CiSt | 10 | 0 | | | bw | b.o | 60 | 47 | | | 0.1 | |
| | Birr Castle 13h | 1020.8 | - | SW | 1 | bc- | 58 | 75 | 8 | 4000 | StCu | 6 | - | 6 | * | c.o | | | | | | | | | |
| | " " 18h | 1020.1 | - | SW | 1 | c+ | 56 | 85 | 9 | 4000 | Cu | 2 | CiCu | 7 | * | | c.o | | | | | | | | |
| | Roches Pt 13h | 1021.0 | 0 | WSW | 1 | c- | 57 | 85 | 8 | - | - | 0 | CiSt | 8 | * | o.c | | | | | | | | | |
| | - - 18h | 1021.1 | 0 | WSW | 1 | o | 53 | 85 | 8 | - | - | 0 | CiSt | 10 | 0 | | c.o | | | | | | | | |
| | Blacksod Pt 7h | 1017.0 | -2 | W | 3 | mo- | 55 | 97 | 7 | - | Nb | 10 | - | 10 | 3 | | | | r.d | | 50 | | | 8 | - |
| | Birr Castle 7h | 1019.5 | - | SSW | 1 | c | 48 | 92 | 7 | 4000 | StCu | 4 | a.Cu | 8 | * | | | c.o | c.o | 61 | 44 | 34 | - | - | - |
| 3rd | Roches Pt 7h | 1020.8 | 0 | NNE | 1 | c | 49 | 92 | 6 | - | - | 0 | Ci | 7 | 0 | | | o.bw | bw.c | 58 | 45 | | - | 0.3 | |
| | Blacksod Pt 13h | 1017.0 | +2 | WNW | 1 | mot | 54 | 97 | 7 | - | Nb | 10 | - | 10 | * | r.d | | | | | | | | | |
| | - - 18h | 1016.6 | -2 | W | 4 | o/r | 54 | 97 | 7 | - | StCu | 10 | - | 10 | 4 | | r.d | | | | | | | | |
| | Roches Pt 13h | 1019.7 | -1 | SSW | 2 | o | 57 | 85 | 8 | - | - | 0 | CiSt | 10 | * | c.o | | | | | | | | | - |
| | - - 18h | 1019.0 | -1 | WSW | 1 | o | 55 | 92 | 8 | - | - | 0 | a.St | 10 | 0 | | o | | r.d | 56 | 49 | | 1 | 5 | |
| | Blacksod Pt 7h | 1010.9 | -2 | S | 6 | oPR | 56 | 92 | 7 | - | Nb | 10 | - | 10 | 6 | | | | | | | | | | - |
| | Birr Castle 7h | 1014.8 | - | SE | 1 | orr | 52 | 97 | 7 | 4000 | Nb | 9 | - | 9 | * | | | c.o. | c.oir | 59 | 49 | 48 | - | 2 | |
| | " " 13h | 1019.1 | - | SSW | 1 | o+ | 57 | 85 | 8 | 4000 | Cu | 9 | - | 9 | * | c.o | | | | | | | | | |
| | - - 18h | 1018.5 | - | SW | 1 | ● | 56 | 85 | 6 | 4000 | StCu | 9 | - | 9 | * | | c.o2 | | | | | | | | <2100 |
| 4th | Roches Pt 7h | 1015.7 | 0 | SE | 1 | or o r o | 54 | 97 | 5 | <150 | St | 10 | - | 10 | 0 | | | ir o o | r o r o m | 58 | 52 | | - | 2 | |
| | Blacksod Pt 13h | 1008.9 | -4 | SW | 6 | o/r | 58 | 92 | 9 | - | StCu | 10 | - | 10 | * | r.d | | | | | | | | | |
| | Birr Castle 13h | 1013.4 | - | SE | 1 | c/r | 62 | 85 | 8 | 4000 | StCu | 7 | - | 7 | * | ir.c.o | | | | | | | | | |
| | Roches Pt 13h | 1014.2 | -1 | SW | 2 | o | 58 | 97 | 5 | <150 | St | 10 | - | 10 | * | ir.f.om | | | | | | | | | |
| | Blacksod Pt 18h | 1007.7 | -2 | SW | 6 | oPR | 57 | 92 | 7 | - | Nb | 10 | - | 10 | 7 | | r.d | | | | | | | | |
| | Birr Castle 18h | 1010.7 | - | SSE | 3 | c+ | 60 | 85 | 8 | 2500 | Cu | 2 | CiCu | 8 | * | | om | | | | | | | | |
| | Roches Pt 18h | 1012.8 | -1 | SW | 2 | o | 57 | 97 | 5 | <150 | St | 10 | - | 10 | 0 | | orn | | | | | | | | - |
| | Blacksod Pt 7h | 1006.6 | -1 | SSW | 6 | opr o | 58 | 92 | 7 | - | StCu | 10 | - | 10 | 7 | | | | r.d | 59 | 53 | | 7 | 3 | <0830 2400 |
| | Birr Castle 7h | 1009.8 | - | SSE | 1 | bc+ | 55 | 92 | 8 | 4000 | StCu | 3 | CiCu | 5 | * | | | c.opr | bc | 63 | 50 | 41 | 0.3 | 1 | - 0330 |
| 5th | Roches Pt 7h | 1011.1 | 0 | SSW | 3 | o | 57 | 97 | 5 | <150 | St | 10 | - | 10 | 3 | | | or o | om2 | 58 | 56 | * | 0.5 | 1 | |
| | Blacksod Pt 13h | 1004.1 | -3 | SW | 6 | oPR | 58 | 97 | 7 | - | Nb | 10 | - | 10 | * | r.d | | | | | | | | | |
| | Birr Castle 13h | 1009.1 | - | SW | 2 | c+ | 63 | 85 | 8 | 4000 | StCu | 7 | - | 7 | * | c.o | | | | | | | | | |
| | Roches Pt 13h | 1011.0 | o | SW | 3 | od o | 57 | 97 | 3 | 450 | Nb | 10 | - | 10 | * | oidfd | | | | | | | | | |
| | Blacksod Pt 18h | 1002.2 | -3 | SW | 6 | opr | 58 | 97 | 7 | - | Nb | 10 | - | 10 | 7 | | r.d | | | | | | | | |
| | Birr Castle 18h | 1007.8 | - | S | 2 | c | 60 | 85 | 8 | 4000 | Cu | 7 | - | 7 | * | | c.o | | | | | | | | |
| | Roches Pt 18h | 1010.1 | o | SW | 3 | o | 57 | 97 | 5 | 450 | Nb | 10 | - | 10 | 3 | | idmifd | | | | | | | | - |
| | Blacksod Pt 7h | 999.0 | -2 | NW | 6 | o/r | 54 | 92 | 7 | - | StCu | 10 | - | 10 | 7 | | | | r.d | 59 | 50 | | 0.6 | 1 | - 0530 |
| | Birr Castle 7h | 1005.5 | - | SW | 1 | orr | 52 | 75 | 6 | 800 | Nb | 10 | - | 10 | * | | | c.o | orr | 65 | 51 | 47 | - | 6 | <0800 <2100 |
| 6th | Roches Pt 7h | 1009.5 | +1 | WSW | 4 | c+ | 54 | 92 | 8 | 2500 | CuNb | 7 | - | 7 | 3 | | | oa(b | bo.c | 59 | 53 | | 0.6 | 1 | |
| | Blacksod Pt 13h | 1009.7 | +7 | NW | 6 | o | 57 | 85 | 7 | - | CuNb | 10 | - | 10 | * | p | | | | | | | | | |
| | Roches Pt 13h | 1010.7 | +2 | W | 5 | o+ | 57 | 75 | 8 | 2500 | CuNb | 9 | - | 9 | * | cp o | | | | | | | | | |
| | Blacksod Pt 18h | 1017.7 | +4 | NW | 2 | c- | 54 | 85 | 7 | - | CuNb | 7 | - | 7 | 5 | | oo | | | | | | | | |
| | Roches Pt 18h | 1013.9 | +4 | NW | 5 | o | 56 | 85 | 8 | 1500 | StCu | 10 | - | 10 | 3 | | o | | | | | | | | |
| | Blacksod Pt 7h | 1023.[illegible] | +3 | NWN | 4 | o | 52 | 85 | 9 | - | StCu | 10 | - | 10 | 4 | | | | oo | 58 | 48 | | - | - | 1230 |
| 7th | Roches Pt 7h | 1021.1 | +1 | NW | 3 | bc- | 53 | 92 | 8 | 4000 | StCu | 4 | - | 4 | 0 | | | c | c.bc | 58 | 52 | | 0.4 | - | |
| | Blacksod Pt 13h | 1025.6 | +2 | N | 2 | o | 56 | 85 | 9 | - | - | 0 | a.St | 10 | * | oo | | | | | | | | | |
| | Roches Pt 13h | 1023.6 | +3 | NNE | 2 | o+ | 58 | 85 | 8 | 2500 | StCu | 9 | - | 9 | * | c.o | | | | | | | | | |
| | Blacksod Pt 18h | 1027.4 | +2 | N | 4 | c | 54 | 92 | 7 | - | St | 8 | - | 8 | 3 | | c | | | | | | | | |
| | Roches Pt 18h | 1025.5 | +2 | N | [illegible] | c+ | 57 | 65 | 8 | 2500 | StCu | 7 | - | 7 | 0 | | bcz.c | | | | | | | | - |
| | Blacksod Pt 7h | 1028.7 | +1 | SSE | 1 | o | 53 | 92 | 8 | - | StCu | 10 | - | 10 | 0 | | | | oo | 56 | 45 | | - | | - |
| | Valencia 7h | 1028.0 | +1 | SW | 2 | b | 54 | 97 | 9 | - | - | 0 | - | 0 | * | | | | | | | | | | - |
| 8th | Roches Pt 7h | 1028.2 | +1 | NE | 1 | b | 49 | 92 | 6 | - | - | 0 | - | 0 | 0 | | | c | bwz | 61 | 44 | | - | 0.1 | |
| | Blacksod 13h | 1028.9 | +2 | N | 2 | bc | 52 | 85 | 9 | - | StCu | 5 | - | 5 | * | b.bc | | | | | | | | | |
| | Roches Pt 13h | 1028.7 | 0 | E | 3 | bc+ | 56 | 75 | 7 | 4000 | Nb | 10 | - | 10 | * | bc.b | | | | | | | | | |

‡ The barometric change is expressed in half millibars.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. CORRECTIONS AND ADDITIONS, October 1922.

### II.—ADDITIONS.

| Report for | STATION. | Barom. at M.S.L. m.b. | Change in 3 Hours‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility. 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 | Weather. 7h.-13h. | Weather. 13h.-18h. | Weather. 18h.-1h. | Weather. 1h.-7h. | Temperature. Max. Day. 7h.-18h. | Temperature. Min. Night. 18h.-7h. | Temperature. Min. on Grass. | Rainfall. Day. 7h.-18h. | Rainfall. Night. 18h.-7h. | Rainfall. Precipitation began. | Sun. Hours |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8th | Blacksod Pt 18h | 1029.1 | +1 | W | 2 | bc | 53 | 92 | 7 | - | Cu | 5 | - | 5 | 1 | | b.bc | | | | | | | | | |
| | Roches Pt 18h | 1028.7 | 0 | E | 1 | b- | 48 | 85 | 7 | 4000 | St Cu | 1 | - | 1 | 0 | | bc.b | | | | | | | | | |
| 9th | Blacksod Pt 7h | 1029.3 | +1 | SSE | 2 | b | 52 | 85 | 7 | - | Cu | 2 | - | 2 | 1 | | | | b.bc | 59 | 41 | - | - | - | - - | |
| | Roches Pt 7h | 1029.1 | 0 | NNE | 1 | b | 45 | 92 | 6 | - | - | 0 | - | 0 | 0 | | | bw | bz | 57 | 42 | - | - | 0.2 | - - | |
| | Blacksod Pt 13h | 1028.8 | -2 | SSE | 4 | bc | 55 | 85 | 8 | - | Cu | 5 | - | 5 | ·x· | b.bc | | | | | | | | | | |
| | Roches Pt 13h | 1029.0 | 0 | E | 2 | b+ | 56 | 75 | 6 | 4000 | Cu | 3 | - | 3 | ·x· | bz | | | | | | | | | | |
| | Blacksod Pt 18h | 1028.8 | -1 | SSE | 1 | b | 45 | 92 | 7 | - | Cu | 2 | - | 2 | 0 | | b.bc | | | | | | | | | |
| | Roches Pt 18h | 1028.3 | 0 | E | 2 | b | 49 | 85 | 6 | - | - | 0 | Ci | 1 | 0 | | bz | | | | | | - | | | |
| 10th | Blacksod Pt 7h | 1025.5 | -2 | SSE | 2 | c | 52 | 85 | 7 | - | St Cu | 8 | - | 8 | ? | | | | c | 56 | 40 | - | — | — | - - | |
| | Roches Pt 7h | 1026.6 | 0 | N | 1 | o | 46 | 97 | 5 | - | - | 0 | Ci St | 10 | 0 | | | | | | | | | | | |
| | Blacksod Pt 13h | 1023.8 | -2 | SE'S | 3 | o+ | 50 | 85 | 8 | - | St Cu | 10 | - | 10 | ·x· | oo | | | bzw | 57 | 44 | | — | 0.3 | - - | |
| | Roches Pt 13h | 1024.9 | -2 | NNE | 1 | c | 55 | 65 | 6 | - | - | 0 | Ci St | 8 | ·x· | o2.cz | | | | | | | | | | |
| | Blacksod Pt 18h | 1023.3 | 0 | SW | 4 | o | 55 | 85 | 7 | - | - | 0 | a St | 10 | 3 | | oo | | | | | | | | | |
| | Roches Pt 18h | 1023.6 | -1 | ENE | 1 | b- | 47 | 92 | 5 | - | - | 0 | a Cu | 1 | 0 | | c.bc.bz | | | | | | | | | |
| 11th | Blacksod Pt 7h | 1019.2 | -3 | SSE | 5 | bc | 50 | 85 | 7 | - | Cu | 4 | - | 4 | 4 | | | | bbc | 53 | 48 | | — | — | - - | |
| | Roches Pt 7h | 1020.5 | -1 | NNW | 1 | o | 45 | 92 | 5 | 4000 | St Cu | 10 | - | 10 | 0 | | | bwz | oz | 57 | 43 | - | — | 0.2 | - - | |
| | Blacksod Pt 13h | 1017.6 | -3 | S | 5 | o+ | 54 | 75 | 8 | - | - | 0 | a St | 10 | ·x· | oo | | | | | | | | | | |
| | Roches Pt 13h | 1017.7 | -2 | E | 1 | o | 54 | 85 | 6 | 2500 | Cu Nb | 9 | - | 9 | ·x· | oz | | | | | | | | | | |
| | Blacksod Pt 18h | 1015.1 | -3 | SSE | 5 | mo | 53 | 85 | 7 | - | - | 0 | a St | 10 | 4 | | oo | | | | | | | | | |
| | Roches Pt 18h | 1017.2 | -1 | E | 1 | o | 53 | 85 | 7 | 4000 | St Cu | 9 | - | 9 | 0 | | o.c.o | | | | | | | | | |
| | Blacksod Pt 1h | 1012.9 | -2 | SSE | 4 | o | 53 | 85 | 7 | - | - | 0 | a St | 10 | ·x· | | | rord | | | | | | | | |
| 12th | Roches Pt 7h | 1007.7 | - | S | 6 | o | 53 | 85 | 7 | - | St | 10 | - | 10 | 6 | | | | Tody | 54 | 48 | | — | — | — | |
| | Blacksod Pt 13h | 1012.8 | -1 | SW | 3 | o | 49 | 97 | 6 | 1500 | St | 10 | - | 10 | 3 | | | c.b | c.o | 57 | 42 | | — | — | — | |
| | Roches Pt 13h | 1004.7 | -4 | S | 6 | opr | 54 | 92 | 7 | - | Nb | 10 | - | 10 | ·x· | rord | | | | | | | | | | |
| | Blacksod Pt 18h | 1011.1 | -2 | SW | 4 | o | 55 | 85 | 6 | 4000 | St Cu | 10 | - | 10 | ·x· | or o m | | | | | | | | | | |
| | Roches Pt 18h | 1004.7 | +3 | WNW | 5 | opr | 49 | 92 | 7 | - | Nb | 10 | - | 10 | 4 | | rord | | | | | | | | | |
| | Blacksod Pt 1h | 1010.0 | -1 | SW | 5 | o | 55 | 85 | 6 | - | - | 0 | a St | 10 | 6 | | o6om | | | | | | | | | |
| | " " 1h | 1006.2 | +2 | SW | 1 | o | 50 | 85 | 7 | - | St | 10 | - | 10 | ·x· | | | rord | | | | | | | | |
| 14th | Roches Pt 7h | 1006.9 | +2 | NE | 5 | o | 52 | 85 | 7 | - | St | 10 | - | 10 | 4 | | | | oo | 54 | 43 | | 9 | 1 | 0800 - | |
| | " " 7h | 1010.0 | +3 | SSW | 5 | o | 55 | 97 | 6 | 1500 | St | 10 | - | 10 | | | | | from | 56 | 54 | | 0.3 | 13 | | |
| | " " 13h | 1012.4 | +1 | SE | 5 | o | 57 | 85 | 6 | 4000 | St Cu | 10 | - | 10 | ·x· | omi | | | | | | | | | | |
| | " " 18h | 1013.1 | +2 | SE | 6 | o | 57 | 92 | 6 | 4000 | St Cu | 10 | - | 10 | 7 | | opomo | | | | | | | | | |
| 15th | Blacksod Pt 7h | 1016.1 | +1 | E | 3 | b | 54 | 92 | 7 | - | - | 0 | - | 0 | 1 | | | c.b | mb | 57 | 53 | | 0.2 | - | 1530 - | |
| | Roches Pt 7h | 1014.4 | - | SSE | 6 | bc | 58 | 85 | 7 | - | - | 0 | Ci | 4 | 6 | | | | bc | 60 | 54 | | 9 | 1 | — - | |
| | " " 13h | 1015.0 | -1 | E | 5 | b | 60 | 75 | 7 | - | - | 0 | - | 0 | ·x· | b | | | | | | | | | | |
| | " " 18h | 1014.9 | 0 | E | 4 | bc | 56 | 85 | 6 | - | - | 0 | a Cu | 1 | 6 | | b | | | | | | | | | |
| | Plymouth 18h | 1016.7 | -1 | E | 5 | b | 53 | 75 | 7 | - | - | 0 | - | 0 | 0 | | | | | | | | | | | |
| 16th | Blacksod Pt 7h | 1010.7 | - | SE | 5 | bc | 55 | 75 | 7 | - | - | 0 | a Cu | 4 | 6 | | | | bc | 65 | 50 | | — | 0.3 | - - | |
| | Roches Pt 7h | 1012.3 | -1 | E | 5 | c | 54 | 97 | 6 | 1500 | St Cu | 8 | - | 8 | 6 | | | bc.cz | ow | 61 | 54 | | — | 0.1 | - - | |
| | Blacksod Pt 13h | 1010.0 | -1 | SSE | 5 | bc- | 60 | 65 | 7 | - | - | 0 | Ci | 8 | ·x· | b.bc | | | | | | | | | | |
| | Roches Pt 13h | 1010.6 | -2 | E | 5 | c | 58 | 85 | 6 | 1500 | St Cu | 8 | - | 8 | ·x· | cz | | | | | | | | | | |
| | Blacksod Pt 18h | 1009.5 | +4 | SE | 7 | c+ | 60 | 65 | 7 | - | Cu | 7 | - | 7 | 6 | | c | | | | | | | | | |
| | Roches Pt 18h | 1010.1 | 0 | E | 4 | c | 56 | 85 | 6 | 1500 | St Cu | 4 | Ci St | 7 | 6 | | cz | | | | | | | | | |
| 17th | Blacksod Pt 7h | 1010.0 | 0 | E | 6 | bc+ | 53 | 92 | 6 | 1500 | St Cu | 5 | - | 5 | 6 | | | b.bcz | bc.bw | 59 | 53 | | — | trace | - - | |
| | " " 7h | 1011.0 | - | SE | 6 | b | 56 | 65 | 7 | - | - | 0 | a Cu | 1 | 6 | | | | b | 60 | 52 | | — | — | — - | |
| | Roches Pt 13h | 1015.8 | 0 | SSE | 5 | bc | 55 | 75 | 8 | - | Cu | 4 | - | 4 | ·x· | | | | | | | | | | | |
| | " " 13h | 1010.4 | 0 | E | 6 | b | 56 | 85 | 6 | 1500 | Cu | 4 | - | 4 | ·x· | b.bcz | | | | | | | | | | |
| | Blacksod Pt 18h | 1010.7 | 0 | E | 5 | bc | 55 | 85 | 6 | - | - | 0 | - | 0 | 6 | | bc.bz | | | | | | | | | |
| | " " 18h | 1013.3 | +3 | SE | 5 | o | 59 | 65 | 6 | - | - | 0 | a St | 10 | 6 | | | | | | | | | | | |
| 18th | Roches Pt 7h | 1015.6 | +2 | SE'E | 2 | b | 54 | 75 | 6 | - | Cu | 1 | - | 1 | 3 | | | | b | 62 | 46 | | — | - | - - | |
| | Blacksod Pt 7h | 1010.7 | 0 | E | 5 | bc | 55 | 85 | 6 | - | - | 0 | - | 0 | 6 | | | b. | b.oz | 54 | 51 | | — | - | — - | |
| | Roches Pt 13h | 1013.9 | +4 | E | 2 | o | 53 | 75 | 8 | - | - | 0 | a St | 10 | ·x· | | | | | | | | | | | |
| | " " 13h | 1013.4 | +1 | E | 5 | o | 54 | 85 | 6 | 1500 | St Cu | 10 | - | 10 | ·x· | oz | | | | | | | | | | |
| | Blacksod Pt 18h | 1013.1 | 0 | E | 5 | o | 54 | 85 | 6 | 1500 | St Cu | 10 | - | 10 | 6 | | oz | | | | | | | | | |
| | " " 18h | 1015.9 | 0 | E'S | 5 | bc | 54 | 75 | 7 | - | Cu | 4 | - | 4 | 6 | | | | | | | | | | | |
| 19th | Roches Pt 7h | 1020.0 | +4 | SSE | 5 | b | 49 | 75 | 7 | - | Cu | 2 | - | 2 | 6 | | | | bc | 57 | 50 | | — | - | — - | |
| | Blacksod Pt 7h | 1015.9 | 0 | E | 7 | o- | 52 | 85 | 7 | 1500 | St Cu | 9 | - | 9 | 7 | | | oz | o | 54 | 51 | | — | - | — - | |
| | Valencia 13h | 1021.0 | +2 | SSE | 5 | bc | 54 | 65 | 9 | - | Cu | 4 | - | 4 | ·x· | | | | | | | | | | | |
| | Roches Pt 13h | 1014.5 | +2 | E | 6 | bc | 54 | 55 | 8 | - | Cu | 5 | - | 5 | ·x· | bcy | | | | | | | | | | |
| | " " 13h | 1017.7 | +1 | ENE | 7 | o | 53 | 65 | 8 | 2500 | St Cu | 9 | - | 9 | ·x· | o | | | | | | | | | | |
| | Valencia 18h | 1017.8 | 0 | ENE | 6 | c- | 53 | 65 | 8 | 2500 | St Cu | 8 | - | 8 | 7 | | o.c | | | | | | | | | |
| | Blacksod Pt 18h | 1016.2 | +3 | E | 7 | bc | 52 | 85 | 9 | - | Cu Nb | 5 | - | 5 | 7 | | cy | | | | | | | | | |
| 20th | Roches Pt 7h | 1027.6 | +2 | ESE | 5 | b | 49 | 75 | 8 | - | Cu | 2 | - | 2 | 6 | | | | bc | 55 | 43 | | — | — | — - | |
| | " " 7h | 1022.5 | +2 | ENE | 5 | c | 49 | 85 | 8 | 2500 | Cu Nb | 8 | - | 8 | 6 | | | c | c | 55 | 48 | | — | — | — - | |
| | Blacksod Pt 13h | 1023.8 | 0 | ENE | 4 | opo | 47 | 85 | 8 | 2500 | Cu Nb | 9 | - | 9 | ·x· | cp | | | | | | | | | | |
| | " " 13h | 1029.2 | -3 | ESE | 6 | bim | 50 | 75 | 7 | - | Cu | 2 | - | 2 | ·x· | | | | | | | | | | | |
| | Valencia 13h | 1027.9 | 0 | NE | 6 | bc | 50 | 65 | 7 | - | Cu | 4 | - | 4 | 6 | | | | | | | | | | | |
| | Roches Pt 13h | 1023.0 | +1 | E | 4 | ct | 51 | 55 | 8 | - | St Cu | 8 | - | 8 | ·x· | cy | | | | | | | | | | |
| | Scilly 18h | 1022.7 | -1 | NE | 2 | bc | 47 | 85 | 7 | 4000 | Cu Nb | 6 | - | 6 | 4 | | cp.bc | | | | | | | | | |
| | " 13h | 1018.3 | 0 | E | 3 | bc | 50 | 75 | 7 | 4000 | Cu | 6 | - | 6 | ·x· | c | | | | | | | | | | |
| | Lympne 18h | 1017.7 | 0 | E'N | 3 | bc | 48 | 85 | 7 | 4000 | St Cu | 6 | - | 6 | 5 | | c | | | | | | | | | |
| | Blacksod Pt 18h | 1017.5 | 0 | NE'E | 5 | o | 44 | 75 | 7 | 800 | St | 10 | - | 10 | ·x· | | o r r q | | | | | | | | | |
| | " 1h | 1027.2 | -1 | NE | 6 | bc | 48 | 75 | 5 | - | Cu | 4 | - | 4 | ·x· | | | | | | | | | | | |
| | Scilly 7h | 1025.5 | -2 | NNE | 5 | bc | 50 | 75 | 9 | - | Cu | 5 | - | 5 | 6 | | | | | | | | | | | |
| | " 1h | 1018.1 | 0 | E | 3 | b | 44 | 75 | 7 | 4000 | Cu | 2 | - | 2 | ·x· | | | b.bc | | | | | | | | |
| | Valencia 7h | 1016.2 | -2 | E | 3 | b | 44 | 85 | 8 | 4000 | Cu | 3 | - | 3 | 5 | | | | b.bc | 52 | 42 | — | — | — | - - | 4.4 |
| | Roches Pt 7h | 1022.4 | -2 | NE'E | 3 | b | 43 | 92 | 9 | - | - | 0 | - | 0 | ? | | | | b | | | | | | | |
| 21st | Dungeness 7h | 1020.6 | -1 | NE | 3 | bc | 43 | 85 | 8 | 2500 | St Cu | 5 | - | 5 | 1 | | | | b.bc | 54 | 42 | | 2 | - | — - | |
| | " 1h | 1015.8 | -1 | E | 5 | ort | 43 | 97 | 7 | 1500 | St | 10 | - | 10 | ·x· | | | | | | | | | | | |
| | Blacksod Pt 13h | 1024.1 | -3 | NNE | 5 | c | 51 | 75 | 8 | - | Cu | 7 | - | 7 | ·x· | | | | | | | | | | | |
| | Roches Pt 13h | 1020.0 | -2 | ENE | 3 | c | 49 | 75 | 8 | 2500 | Cu Nb | 8 | - | 8 | ·x· | cp. | | | | | | | | | | |
| | Scilly 13h | 1016.1 | 0 | E | 3 | bc | 53 | 65 | 8 | 4000 | Cu | 5 | - | 5 | ·x· | bc | | | | | | | | | | |
| | Blacksod Pt 18h | 1022.0 | -2 | NE'N | 5 | o | 50 | 75 | 7 | - | St | 9 | - | 9 | 6 | | | | | | | | | | | |
| | Roches Pt 18h | 1018.6 | -1 | NE | 2 | c | 46 | 75 | 8 | 4000 | St Cu | 7 | - | 7 | 1 | | cp. | | | | | | | | | |

‡ The barometric change is expressed in half millibars.

# AIR MINISTRY.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

### BRITISH SECTION. CORRECTIONS AND ADDITIONS, October 1922.

### II.—ADDITIONS.

| Report for | STATION. | Barom. at M.S.L. m.b. | Change in 3 Hours.‡ | Wind. Direc. | Wind. Force 0-12 | Weather. | Temp. °F. | Humidity. % | Visibility.§ 0-9 | Height of Low Cloud. Feet | Cloud. Low. Form. | Cloud. Low. Amt. 0-10 | Cloud. Upper Form. | Cloud. Total Amt. 0-10 | Sea. 0-9 | Summaries for the Past 24 Hours. Weather. 7h.-13h. | Weather. 13h.-18h. | Weather. 18h.-1h. | Weather. 1h.-7h. | Temperature. Max. Day. 7h.-18h. | Temperature. Min. Night. 18h.-7h. | Temperature. Min. on Grass. | Rainfall.† Day. 7h.-18h. | Rainfall.† Night. 18h.-7h. | Rainfall.† Precipitation began. | Sun. Hours. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21st | Scilly 18h | 1015·7 | 0 | E | 4 | c | 46 | 75 | 8 | 4000 | Cu | 8 | – | 8 | 6 | | c | | | | | | | | | |
| | Scilly 01h | 1014·5 | 0 | E | 4 | o | 46 | 75 | 8 | 4000 | StCu | 10 | – | 10 | × | | | bccoq | | | | | | | | |
| | Blacksod 07h | 1023·9 | +2 | ESE | 6 | bc | 48 | 75 | 8 | – | St | 6 | – | 6 | 6 | | | | bc | 51 | 43 | 4 | – | – | – | |
| | Birr Castle 7h | 1021·4 | × | S | 1 | o | 45 | 75 | 7 | 4000 | Nb | 9 | – | 9 | × | | | | co | | 41 | ·34 | | – | | |
| | Roches Pt 7h | 1017·2 | +1 | NE | 3 | o | 47 | 85 | 8 | 4000 | StCu | 10 | – | 10 | 4 | | | | co | 51 | 44 | | 1 | – | | |
| | Scilly 7h | 1014·1 | 0 | E | 5 | o | 46 | 85 | 7 | 4000 | StCu | 9 | – | 9 | 6 | | | | cq | 54 | 43 | | – | – | – | 8·8 |
| 22nd | Birr Castle 13h | 1022·0 | × | NE | 3 | o | 49 | 75 | 7 | 4000 | StCu | 9 | – | 9 | × | co | | | | | | | | | | |
| | Roches Pt 13h | 1018·5 | 0 | E | 5 | o | 50 | 65 | 8 | 2500 | StCu | 10 | – | 10 | × | o | | | | | | | | | | |
| | Scilly 13h | 1014·7 | −2 | E | 6 | o | 51 | 75 | 7 | 2500 | Cu | 10 | – | 10 | × | cq | | | | | | | | | | |
| | Blacksod 18h | 1023·2 | +2 | NE | 6 | bc | 47 | 75 | 7 | – | St | 6 | – | 6 | 6 | | | | | | | | | | | |
| | Birr Castle 18h | 1020·9 | × | ENE | 2 | o | 47 | 65 | 7 | 4000 | StCu | 9 | – | 9 | × | | co | | | | | | | | | |
| | Roches Pt 18h | 1017·1 | 0 | ENE | 3 | o | 49 | 75 | 7 | 2500 | StCu | 10 | – | 10 | 6 | | o | | | | | | | | | |
| | Blacksod 7h | 1022·7 | −2 | NE | 6 | o | 46 | 75 | 9 | – | StCu | 9 | – | 9 | 6 | | | | c | 49 | 41 | | – | – | – | |
| | Birr Castle 7h | 1020·9 | × | NE | 1 | o | 45 | 75 | 7 | 2500 | StCu | 10 | – | 10 | × | | | | | 50 | 45 | 39 | – | – | – | |
| | Roches Pt 7h | 1017·7 | 0 | NE | 4 | o | 46 | 85 | 8 | 4000 | StCu | 10 | – | 10 | 6 | | | o | o | 50 | 45 | | – | – | – | |
| 23rd | Roches Pt 13h | 1017·8 | 0 | ENE | 4 | o | 48 | 65 | 8 | 4000 | StCu | 10 | – | 10 | × | o | | | | | | | | | | |
| | Scilly 13h | 1013·0 | 0 | E | 4 | o | 50 | 75 | 7 | 4000 | StCu | 10 | – | 10 | × | oq | | | | | | | | | | |
| | Roches Pt 18h | 1017·1 | 0 | NE | 2 | o | 47 | 75 | 8 | 4000 | StCu | 10 | – | 10 | 3 | | o | | | | | | | | | |
| | Scilly 18h | 1013·3 | 0 | E'N | 4 | o | 47 | 75 | 7 | 4000 | StCu | 9 | – | 9 | 7 | | oq | | | | | | | | | |
| | Scilly 1h | 1012·9 | 0 | ENE | 4 | c | 48 | 75 | 8 | 4000 | StCu | 8 | – | 8 | × | | | | | | | | | | | |
| | Blacksod 7h | 1020·6 | −1 | NE | 4 | b | 44 | 75 | 7 | – | St | 1 | – | 1 | 6 | | | | bc | 48 | 39 | | – | – | – | |
| | Roches Pt 7h | 1018·5 | +1 | NE | 2 | o | 45 | 85 | 8 | 4000 | StCu | 10 | – | 10 | 1 | | | | o | 43 | 45 | | – | – | – | 0·3 |
| | Scilly 7h | 1012·8 | 0 | E'N | 3 | c | 47 | 85 | 8 | 4000 | StCu | 8 | – | 8 | 7 | | | | | 50 | 46 | | – | – | – | 1·9 |
| | Plymouth 7h | 1013·9 | +1 | ENE | 3 | bc | 44 | 85 | 8 | 4000 | StCu | 6 | – | 6 | 0 | | | b | bbc | 49 | 44 | 38 | | – | | |
| 24th | Roches Pt 13h | 1018·6 | 0 | NE | 2 | o | 49 | 75 | 8 | 4000 | StCu | 10 | – | 10 | × | o | | | | | | | | | | |
| | Scilly 13h | 1014·4 | +1 | ENE | 3 | bc- | 54 | 65 | 8 | 4000 | StCu | 6 | – | 6 | × | c | | | | | | | | | | |
| | Roches Pt 18h | 1018·9 | +1 | NE | 1 | o | 47 | 75 | 8 | 4000 | StCu | 10 | – | 10 | 1 | | o | | | | | | | | | |
| | Scilly 18h | 1014·6 | 0 | E | 2 | o | 49 | 65 | 8 | 4000 | StCu | 10 | – | 10 | 5 | | co | | | | | | | | | |
| | Scilly 1h | 1017·5 | +1 | ENE | 2 | o | 49 | 75 | 8 | 4000 | StCu | 10 | – | 10 | × | | | o | | | | | | | | |
| | Blacksod 7h | 1023·2 | × | SE | 2 | c | 45 | 79 | 9 | – | StCu | 8 | – | 8 | 3 | | | | c | 59 | 41 | | – | – | – | |
| | Roches Pt 7h | 1022·4 | +1 | NE | 1 | o | 46 | 92 | 6 | 4000 | StCu | 10 | – | 10 | 0 | | | o | o | 49 | 46 | | – | – | – | 3·4 |
| | Scilly 7h | 1018·5 | +2 | E | 2 | b | 46 | 75 | 6 | 4000 | StCu | 2 | – | 2 | 4 | | | | ob | 54 | 45 | | – | – | | |
| 25th | Roches Pt 13h | 1013·1 | +1 | E | 1 | o | 50 | 65 | 7 | 4000 | StCu | 10 | – | 10 | × | o | | | | | | | | | | |
| | Scilly 13h | 1010·1 | +1 | E | 3 | c | 56 | 65 | 8 | 4000 | StCu | 6 | – | 6 | × | obbcc | | | | | | | | | | |
| | Roches Pt 18h | 1012·9 | 0 | E | 1 | o | 47 | 75 | 7 | 4000 | StCu | 10 | – | 10 | 0 | | o | | | | | | | | | |
| | Blacksod 7h | 1021·1 | −3 | SE | 5 | o | 46 | 75 | 7 | – | StCu | 10 | – | 10 | 4 | | | | oc | 48 | 42 | | – | – | – | |
| | Roches Pt 7h | 1020·4 | −1 | SE | 3 | o | 47 | 85 | 7 | 2500 | StCu | 10 | – | 10 | 3 | | | o | o | 50 | 46 | | – | – | – | |
| 26th | Roches Pt 13h | 1020·6 | 0 | SE | 3 | o | 51 | 75 | 7 | 4000 | StCu | 10 | – | 10 | × | o | | | | | | | | | | |
| | Scilly 13h | 1021·2 | 0 | SE'E | 2 | o | 52 | 75 | 8 | 4000 | Cu | 9 | – | 9 | × | c | | | | | | | | | | |
| | Roches Pt 18h | 1019·2 | 0 | SE | 4 | o | 51 | 75 | 7 | 2500 | StCu | 10 | – | 10 | 6 | | o | | | | | | | | | |
| | Scilly 18h | 1020·3 | −1 | SE'E | 1 | bc+ | 49 | 75 | 8 | 4000 | StCu | 5 | – | 5 | 3 | | bc | | | | | | | | | |
| | Scilly 1h | 1018·7 | × | SE | 2 | cr- | 49 | 85 | 8 | 3000 | CuNb | 9 | – | 9 | × | | | bccd | | | | | | | | |
| | Blacksod 7h | 1012·1 | × | SSE | 6 | o | 48 | 75 | 7 | – | StCu | 10 | – | 10 | 7 | | | | bc | 50 | 44 | | – | – | – | |
| | Roches Pt 7h | 1012·1 | −4 | SE | 5 | orr | 48 | 92 | 7 | 1500 | Nb | 10 | – | 10 | 7 | | | o | Rr | 52 | 47 | | – | 3 | – | 2·2 |
| | Scilly 7h | 1013·9 | × | SE | 2 | o | 50 | 75 | 7 | 3500 | CuNb | 10 | – | 10 | 3 | | | | co | 51 | 45 | | – | 2 | – | 5·5 |
| | Plymouth 7h | 1016·2 | −3 | E | 3 | c+ | 41 | 85 | 7 | 4000 | StCu | 1 | Ci | 8 | 3 | | | | bcc | 51 | 38 | 2·9 | | – | | |
| 27th | Roches 13h | 1007·3 | −4 | SE | 6 | o | 50 | 85 | 7 | 800 | Nb | 4 | Ast | 10 | × | obo | | | | | | | | | | |
| | Scilly 13h | 1008·7 | × | SE | 6 | oq | 48 | 75 | 8 | 3500 | StCu | 10 | – | 10 | × | oq | | | | | | | | | | |
| | Roches Pt 18h | 1006·4 | −1 | SE | 7 | orr | 47 | 92 | 6 | 800 | Nb | 10 | – | 10 | 7 | | orr | | | | | | | | | |
| | Scilly 1h | 1004·3 | × | SE | 5 | oRR | 44 | 97 | 7 | 2500 | Nb | 10 | – | 10 | × | | | omr | | | | | | | – | |
| | Blacksod 7h | 1016·3 | × | E | 6 | o | 45 | 85 | 9 | – | StCu | 9 | – | 9 | 6 | | | | oc | 48 | 40 | | – | – | | |
| | Roches Pt 7h | 1010·7 | +3 | ENE | 3 | bc- | 42 | 92 | 8 | 4000 | StCu | 5 | – | 5 | 2 | | | rroc | cbc | 50 | 42 | | 9 | 0·5 | <0800 | 0·0 |
| | Scilly 7h | 1006·5 | × | E | 3 | or | 44 | 97 | 7 | 2500 | Nb | 10 | – | 10 | 5 | | | | or | 49 | 42 | | | 7 | | |
| 28th | Roches 13h | 1014·4 | +2 | NE | 3 | bc- | 47 | 75 | 8 | 4000 | Cu | 4 | – | 4 | × | bc | | | | | | | | | | |
| | Scilly 13h | 1008·7 | × | E'N | 3 | bm | 49 | 75 | 6 | 4000 | Cu | 1 | – | 1 | × | omr | | | | | | | | | | |
| | Renfrew 18h | 1021·6 | +4 | N | 1 | b | 36 | 75 | 7 | 4000 | StCu | 1 | – | 1 | × | | bcb | | | | | | | | | |
| | Blacksod 18h | 1020·0 | +3 | ENE | 6 | bc | 47 | 75 | 7 | – | St | 6 | – | 6 | 7 | | c | | | | | | | | | |
| | Roches Pt 18h | 1017·6 | +4 | – | 0 | c | 43 | 92 | 8 | 4000 | StCu | 7 | – | 7 | 1 | | bccbc | | | | | | | | | |
| | Scilly 18h | 1012·6 | × | E'N | 2 | bc- | 45 | 75 | 8 | 4000 | StCu | 3 | – | 3 | 3 | | bbc | | | | | | | | | |
| | Blacksod 1h | 1023·5 | +4 | NE | 5 | bc+ | 44 | 75 | 5 | – | St | 6 | – | 6 | × | | | oo | | | | | | | | |
| | Scilly 1h | 1014·0 | −1 | E | 4 | o | 45 | 75 | 7 | 4000 | StCu | 10 | – | 10 | × | | | c | | | | | | | – | |
| | Blacksod 7h | 1025·8 | +4 | E | 5 | b | 44 | 75 | 7 | – | StCu | 2 | – | 2 | 6 | | | | bbc | 48 | 37 | | – | – | 1630 | |
| | Roches Pt 7h | 1021·3 | +2 | NE | 2 | b | 37 | 92 | 8 | – | – | 0 | – | 0 | 1 | | | bcb | bw | 51 | 37 | | 0·6 | rr. | – | 6·7 |
| | Scilly 7h | 1014·7 | +2 | E'N | 4 | bc | 43 | 75 | 7 | 4000 | StCu | 3 | – | 3 | 5 | | | | obcb | 49 | 41 | | 1 | – | | |
| 29th | Blacksod 13h | 1025·5 | +2 | E'N | 6 | b | 46 | 75 | 9 | – | StCu | 2 | – | 2 | × | b.bc | | | | | | | | | | |
| | Roches Pt 13h | 1020·8 | 0 | NE | 3 | bc+ | 46 | 65 | 8 | 4000 | CuNb | 5 | – | 5 | × | b.bc | | | | | | | | | | |
| | Blacksod 18h | 1024·8 | −2 | E'N | 6 | b | 48 | 75 | 7 | – | StCu | 1 | – | 1 | 6 | | bbc | | | | | | | | | |
| | Roches 18h | 1014·7 | 0 | NE | 4 | cJp | 41 | 75 | 8 | 4000 | CuNb | 7 | – | 7 | 1 | | cJp | | | | | | | | | |
| | Blacksod 1h | 1024·0 | −2 | NW'W | 5 | b | 42 | 85 | 7 | – | StCu | 1 | – | 1 | × | | | bbc | | | | | | | – | |
| | Blacksod 7h | 1019·5 | −4 | E'N | 2 | b | 41 | 85 | 7 | – | Cu | 1 | – | 1 | 4 | | | | bbc | 45 | 36 | | – | – | 2200 | |
| | Roches Pt 7h | 1014·8 | −2 | NNE | 4 | o | 40 | 85 | 8 | 4000 | St | 10 | – | 10 | 4 | | | | cpr | 46 | 37 | | 0·3 | – | | |
| 30th | Blacksod 13h | 1016·7 | −4 | E'N | 4 | bc | 47 | 65 | 8 | 1500 | Cu | 3 | CiSt | 5 | × | bbc | | | | | | | | | | |
| | Roches 13h | 1010·8 | −6 | NE | 4 | o | 42 | 75 | 8 | 4000 | StCu | 10 | – | 10 | × | obo | | | | | | | | | | |
| | Scilly 13h | 1007·8 | × | E×N | 6 | oq | 41 | 75 | 7 | 3500 | StCu | 10 | – | 10 | × | bcoq | | | | | | | | | | |
| | Blacksod 18h | 1014·8 | −3 | ENE | 5 | bc | 46 | 75 | 7 | – | Cu | 6 | – | 6 | 7 | | c | | | | | | | | | |
| | Roches Pt 18h | 1007·7 | −2 | NE | 3 | c- | 40 | 85 | 8 | – | – | 0 | CiSt | 7 | 4 | | oc | | | | | | | | | |
| | Scilly 18h | 999·5 | × | NE'E | 6 | omq | 39 | 97 | 7 | 2500 | Nb | 10 | – | 10 | 7 | | omqr | | | | | | | | | |
| | Blacksod 1h | 1012·6 | −3 | NE | 6 | o | 43 | 75 | 5 | – | Cu | 10 | – | 10 | × | | | oo | | | | | | | | |
| | Scilly 1h | 997·8 | −1 | NE'E | 6 | orr | 39 | 97 | 7 | 2500 | Nb | 10 | – | 10 | × | | | oqrr | | | | | | | | |
| | Blacksod 7h | 1012·1 | −2 | – | 0 | bc | 43 | 85 | 8 | – | Cu | 6 | – | 6 | 0 | | | | c | 47 | 37 | | – | 4 | 0900 | 00 |
| | Roches 7h | 1007·3 | 0 | N | 4 | b | 40 | 92 | 8 | – | – | 0 | Ci | 3 | 3 | | | | bc | bcb | 45 | 39 | rracc | – | <2100 | |
| | Scilly 7h | 997·7 | +1 | NE | 6 | or | 43 | 92 | 7 | 2500 | Nb | 10 | – | 10 | 7 | | | | oqr | 43 | 36 | | 4 | 4 | | |
| 31st | Roches 13h | 1008·6 | +1 | NNE | 4 | bc | 47 | 75 | 8 | 4000 | Cu | 3 | Ast | 5 | × | bc | | | | | | | | | | |
| | Roches 18h | 1012·2 | +6 | N | 3 | b | 42 | 85 | 8 | – | – | 0 | – | 0 | 0 | | bcb | | | | | | | | | |
| | Blacksod 7h | 1012·1 | × | W | 5 | c | 47 | 75 | 7 | – | St | 8 | – | 8 | 4 | | | | c | 47 | 33 | | 0·4 | 2 | | |
| | Roches 7h | 1017·2 | +1 | – | 0 | c+ | 36 | 92 | 6 | 4000 | StCu | 3 | Ci | 7 | 0 | | | bx | bcb | 48 | 34 | | – | 0·1 | | |

‡ The barometric change is expressed in half millibars.

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