M.O. Form 2373

DUPLICATE ~~SECRET~~

METEOROLOGICAL OFFICE
-4 AUG 1971
LIBRARY

# THE DAILY WEATHER REPORT

BRITISH SECTION

1st July to 30th September

1944

AIR MINISTRY, METEOROLOGICAL OFFICE,
LONDON, W.C.2

# INTRODUCTION

The Daily Weather Report has been issued in three sections since April 1st, 1919, the British and International Sections consisting of four pages and the Upper Air Section of two pages. On 1st January, 1942, all three sections were modified. The International Section was reduced to two pages of charts supplemented at eight-day intervals by a four page tabular statement of foreign observations. The Upper Air Section was increased to four pages giving two pages of charts and diagrams and two pages of observations in tabular form. The British Section of which this forms the Introduction was modified by increasing the scale of the chart on page 2 so that it occupied the whole page, and in consequence the weather forecasts were transferred to the front page and the table of auxiliary reports to the back page. The increased scale of the chart on page 2 makes it possible to show the observations from a selection of stations in full, the data being set out in accordance with the "station model" adopted by the International Meteorological Conference at Warsaw in September, 1935.

On 1st January, 1944, the British Section was again modified, the whole of pages 1 and 4 being taken up with observations from reporting stations, the reports from auxiliary stations being no longer included. The London observations were transferred to page 2 and the General Inference, Further Outlook and Gale Warnings to page 3. Forecasts by Districts ceased to appear. The stations are arranged according to Forecast Districts as described on p. 4 of this Introduction.

Whenever it is possible to do so, without occupying too much space, the decoded values are set out in full in the table; in other cases, code figures are entered; these are interpreted by reference first to the number printed at the head of the column, and then to the Explanation printed below, where the column numbers are shown in connexion with each of the separate classes of observation.

**Barometer Readings.**—The readings are in millibars and tenths with the initial 9 or 10 omitted. Thus readings of 989·4 and 1021·5 are printed as 89·4 and 21·5.

**Barometric Tendency**—(Columns 2 and 18)
The Barometric tendency is expressed in tenths of a millibar.

**Code for state of ground (E)**—Column 33.

0 ... Ground dry.
1 ... " wet.
2 ... " flooded.
3 ... " frozen hard and dry.
4 ... " partly covered with snow or hail.
5 ... " covered with ice or glazed frost.
6 ... " covered with thawing snow.
7 ... Ground covered with snow, less than 6 ins. deep but ground not frozen.
8 ... " covered with snow, less than 6 ins. deep but ground frozen.
9 ... " covered with snow greater than 6 ins. deep.
– ... Fresh snow has fallen on the mountains.

## THE BEAUFORT SCALE OF WIND FORCE [F] Columns 4, 20

| Beaufort Number. | Admiral Beaufort's General Description of Wind. | Specification for use on Land, based on observations made at British Land Stations. | Limits of Mean Velocities Statute Miles per Hour as recorded by well exposed anemometers about 30 to 40 feet above ground. |
|---|---|---|---|
| 0 | Calm ... ... | Calm; smoke rising 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 breeze | Raises dust and loose paper; small branches are moved ... | 13–18 |
| 5 | Fresh breeze ... | Small trees in leaf begin to sway; crested wavelets on inland waters... ... ... ... ... ... ... | 19–24 |
| 6 | Strong breeze... | Large branches in motion; whistling heard in telegraph wires | 25–31 |
| 7 | Moderate gale... | Whole trees in motion; inconvenience felt when walking against wind ... ... ... ... ... ... ... | 32–38 |
| 8 | Fresh 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 ... ... | 55–64 |
| 11 | Storm ... ... | Very rarely experienced; accompanied by widespread damage | 65–73 |
| 12 | Hurricane ... | ... ... ... ... ... ... ... ... ... ... | 74–82 |
| 13 | — ... | ... ... ... ... ... ... ... ... ... ... | 83–92 |
| 14 | — ... | ... ... ... ... ... ... ... ... ... ... | 93–103 |
| 15 | — ... | ... ... ... ... ... ... ... ... ... ... | 104–114 |
| 16 | — ... | ... ... ... ... ... ... ... ... ... ... | 115–125 |
| 17 | — ... | ... ... ... ... ... ... ... ... ... ... | 126–136 |

**Form of Low Cloud ($C_L$)** – Columns 9, 25.

0 No low cloud.
1 Fair weather Cu
2 Large Cu without anvil.
3 Cb.
4 Sc formed by the spreading out of Cu.
5 Layer of St or Sc.
6 Ragged low clouds of bad weather (or fractonimbus).
7 Fair weather Cu and Sc.
8 Large Cu (or Cb) and Sc.
9 Large Cu (or Cb) and ragged low clouds of bad weather.

**Form of Medium Cloud ($C_M$)**—Columns 10, 26

0 No medium cloud.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), (or Ns)
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually decreasing (often lenticular)
5 Ac in bands (increasing).
6 Ac formed from the spreading out of Cu.
7 Ac associated with As, or As with parts resembling Ac.
8 Ac Castellatus (or Ac in ragged fragments).
9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.

**Form of High Cloud ($C_H$)** – Columns 11, 27

0 No cirriform cloud.
1 Fine Ci not increasing: sparse.
2 Fine Ci not increasing: abundant but not a continuous layer.
3 Anvil Ci (usually dense).
4 Fine Ci increasing: usually in tufts.
5 Ci or Cs increasing: still below 45° altitude: often in polar bands.
6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
7 Veil of Cs covering whole sky.
8 Cs not increasing and not covering whole sky.
9 Cc predominating, and a little ci.
(Cc may occur with any of the types 1 to 8).

**Cloud Form Abbreviations**

| | |
|---|---|
| Cirrus,—Ci: | Stratocumulus,—Sc: |
| Cirrocumulus,—Cc: | Stratus,—St: |
| Cirrostratus,—Cs: | Nimbostratus,—Ns |
| Altocumulus,—Ac: | Cumulus,—Cu: |
| Altostratus,—As: | Cumulonimbus,—Cb. |

**Code for Horizontal Visibility V**—Columns 8, 24

| | | Objects not visible at |
|---|---|---|
| 0 | Dense fog | 55 yards |
| 1 | Thick fog | 220 " |
| 2 | Fog | 550 " |
| 3 | Moderate fog | 1,100 " |
| 4 | Mist or haze | 1¼ miles |
| 5 | Poor visibility | 2½ " |
| 6 | Moderate " | 6¼ " |
| 7 | Good " | 12½ " |
| 8 | Very good " | 31 " |
| 9 | Excellent " | beyond 31m. |

**Code for State of Sea (S)**—Column 34

| | | | |
|---|---|---|---|
| 0 | Calm—glassy. | 5 | Rough. |
| 1 | Calm—rippled. | 6 | Very rough. |
| 2 | Smooth. | 7 | High. |
| 3 | Slight | 8 | Very high. |
| 4 | Moderate. | 9 | Phenomenal. |

**Rainfall**—Columns 38, 39.
Tr: = rain has fallen, but amount less than 0·1 m.m.

**Beaufort Notation and Symbols for Weather**—
Columns 5 and 21 and 35, 36, 37, 38 on page 1, and 5 and 21 on page 4

b, blue sky (not more than a quarter covered with cloud).
bc, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220-1100 yds.
F, thick fog " less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist visibility 1100-2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/$s_o$, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
$s_o$/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix $_o$ indicates slight: repetition of letters indicates continuity: thus R, heavy rain. $r_o$, slight rain. rr, continuous rain.
<, less than (for cloud height).
⚡, gale
⊕ Solar halo. ⊙ lunar halo. ⌒ Aurora.
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; – –, has decreased; +, has increased.

Explanations of the symbols used in the chart on p. 2, will be found in Form 2459, "Instructions for the Preparation of Weather Maps," H.M. Stationery Office. Price 1/- net.

## GALE WARNINGS*

Details of gale warnings issued by the Meteorological Office are given below the Further Outlook on page 3 of the Report. In peace-time the receipt of a gale warning at ports and fishing stations is indicated by the hoisting of a black canvas cone. The signals remain hoisted after the receipt of a warning telegram until danger of a gale has passed.

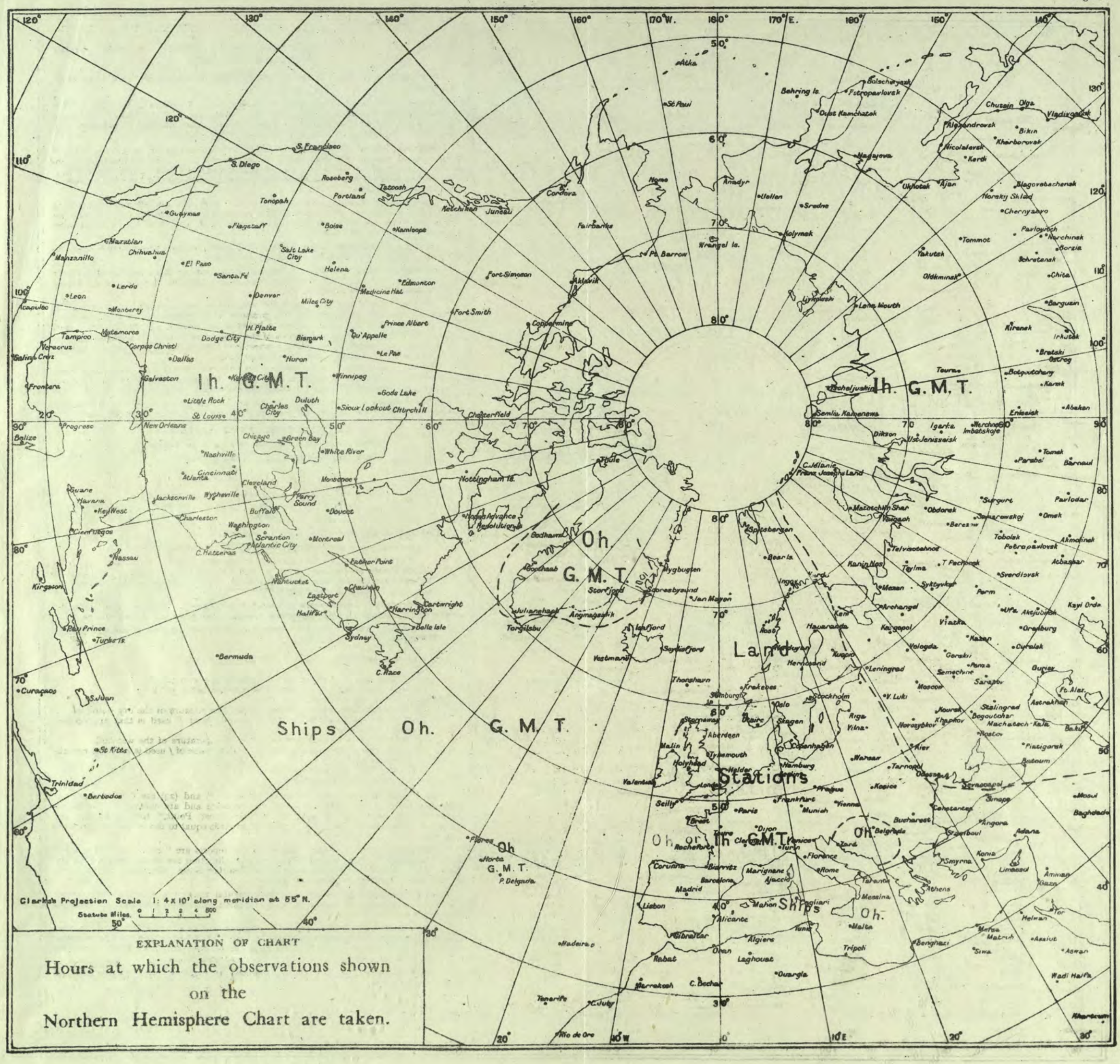
The *North Cone* (point upwards) is hoisted for gales commencing from a Northerly point.

For gales commencing from East or West the North Cone will be hoisted if the gale is expected to change to a Northerly direction.

The *South Cone* (point downwards) is hoisted for gales commencing from a Southerly point. Such gales often veer, sometimes as far as Northwest.

For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

In continuation of peace-time practice, the symbols ▲ (North Cone) and ▼ (South Cone) are appended to the details of warnings given on page 3 of the Report.


Ships Oh. G. M. T.
Ih. G. M. T.
Ih. G. M. T.
Oh. G. M. T.
Land
Stations
Oh. or Ih. G. M. T.
Oh.
Ships Oh.
Oh. G. M. T.
Clarke's Projection Scale 1: 4 X 10⁷ along meridian at 55° N.
Statute Miles.
EXPLANATION OF CHART
Hours at which the observations shown on the Northern Hemisphere Chart are taken.

## FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND

## FORECAST DISTRICTS and the Counties comprised within them

1. *England, S.E.*
Kent.
Sussex.
Surrey.
Hampshire.
Berkshire.
Wiltshire.

2. *England, E.*
Essex.
Middlesex.
Hertford.
Bedford.
Huntingdon.
Cambridge.
Suffolk.
Norfolk.
Lincoln.

3. *Midlands, E.*
Buckingham.
Oxford.
Northampton.
Warwick.
Leicester.
Rutland.
Nottingham.

4. *Midlands, W*
Gloucester
Hereford.
Worcester.
Shropshire.
Stafford.

5. *England, S.W.*
Dorset
Somerset.
Monmouth.
Devon
Cornwall.

6. *Wales, S*
Glamorgan.
Brecknock.
Carmarthen.
Pemoroke.
Cardigan.
Radnor.

7. *Wales, N.*
Montgomery.
Merioneth.
Flint.
Denbigh.
Carnarvon
Anglesey.

8. *England, N.W.*
Cheshire.
Lancashire.
Westmorland.
Cumberland.

9. *Midlands, N*
Derby.
Yorkshire, W.

10. *England, N.E.*
Yorkshire N. & E.
Durham.
Northumberland.

11. *Scotland, S.E.*
Roxburgh.
Selkirk.
Peebles.
Berwick.
Haddington.
Edinburgh.

11. *Scotland, S.E. (cont.)*
Linlithgow.
Clackmannan.
Kinross
Fife.
Forfar

12. *Scotland, S.W., and Isle of Man.*
Isle of Man.
Dumfries.
Kirkcudbright.
Wigtown.
Ayr
Lanark.
Renfrew.
Dumbarton.
Stirling.

13A. *Scotland, W.*
Argyll.
Bute.

13B. *Scotland, N.W.*
Hebrides.
Western parts of Inverness, Ross and Cromarty, Sutherland.
(Boundary line runs from Rannoch Station through Fort Augustus, Beauly and Lairg to Melvich.)

14. *Mid Scotland.*
Perth.

15. *Scotland, N.E.*
Kincardine.
Aberdeen.
Banff.
Elgin.
Nairn.
Caithness.
Eastern parts of Inverness, Ross, Sutherland.

16. *Orkneys and Shetlands.*

17. *Ireland, N.W.*
Galway.
Roscommon.
Mayo.
Sligo.
Leitrim.

18. *Ireland, N.E.*
Meath.
West Meath.
Longford.
Cavan.
Fermanagh.
Monaghan.
Louth.
Armagh.
Down.
Antrim.
Londonderry.
Tyrone.
Donegal.

19. *Ireland, S.E.*
Waterford
Wexford.
Kilkenny
Carlow.
Wicklow.
Offaly.
Leix.
Kildare.
Dublin.

20. *Ireland, S.W.*
Cork.
Kerry.
Limerick.
Tipperary.
Clare.

## NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT

**Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.

**Hours of Observation.**—From 1st August, 1944, the times of the observations published in the Report were changed to 0000, 0600, 1200 and 1800 G.M.T., and from the same date the morning readings of minimum and grass minimum temperature and rainfall have been made at 0600 G.M.T. instead of at 0700 G.M.T.

**Stations.**—*Kew.*—Temperature readings at Kew are taken in a large louvred screen placed against the north wall of the observatory. The thermometer bulbs are at a height of 10 feet above the ground immediately surrounding the building. This ground is raised a few feet above the general level of the Old Deer Park in which the observatory stands.

*London Observations.*—As from 1st January, 1934, the rainfall measurements at all the London stations where rain gauges are maintained, refer to two periods, day and night. The day period at Kew and Croydon is 7h. to 18h. G.M.T.; at all other stations it is 9h. to 18h. G.M.T.

**Heights of Stations.**—The heights of British Stations above M.S.L. refer to the plot of ground on which the rain gauge is situated.

**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 page 2 of the Report and for intervals of 4 millibars on Page 3.

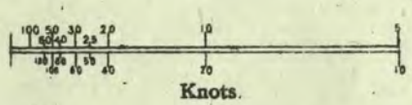
The wind at a height of 1,500–2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart for the chart on Page 2 the speed of the upper wind is about 20 knots in latitude 55°, with a temperature of 50° F. and a pressure of 1,000 m.b.; if, however, the isobars are ½ inch apart the corresponding speed is 40 knots

The scales below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

If the distance between consecutive isobars is measured along the scale from the left-hand extremity the geostrophic wind is shown by the scale in miles per hour.

### GEOSTROPHIC WIND SCALES

Upper Scale—8 mb isobars on $1 : 4 \times 10^7$ Charts.
Lower Scale—2 mb ,, ,, $1 : 5 \times 10^6$ ,,




Knots.

This scale applies under the following conditions :—

Pressure, 1,000 mb. Temperature, 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°.

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

**Relative Humidity.**—Relative Humidity at British stations is calculated from the following hygrometric formulæ :—

$$\text{Relative humidity} = \frac{100x}{F}$$

$x = f - .444\,(t - t')$ for wet bulb readings above 32° F.
$x = f - .400\,(t - t')$ for wet bulb readings below 32° F.

where $x$ is the vapour pressure in mb.
$F$ the saturation vapour pressure at the temperature of the dry bulb;
For air temperatures below 32° F. the value of $F$ used is that appropriate to an ice surface.
$f$ the saturation vapour pressure at the temperature of the wet bulb;
For wet bulb temperatures below 32° F. the value of $f$ used is that appropriate to an ice surface.
$t$ the dry bulb temperature; and
$t'$ the wet bulb temperature.

The values of Dew Point given in columns (8) and (23) are derived from the original readings of dry—and wet—bulb temperature and are correct to one degree Fahr. Values below 32° F. give the "Hoar Frost Point," that is to say the temperature for which the actual vapour pressure is equal to the saturation pressure over ice.

**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. Each feather denotes two steps on the Beaufort Scale; thus force 5 is indicated by two whole feathers and one half feather.

**Adjusted Readings.**—Where an instrumental reading is found to be in error and some adjustment is necessary, such adjusted reading is published in brackets thus (59)

*N.B.—Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read 'The Weather Map: An Introduction to Modern Meteorology,' (3rd Edition 1939), to be purchased from H.M. Stationery Office, York House, Kingsway, W.C 2, price 3s. 2d post free.*

*Corrections and additions can be obtained, if required, on application to the Meteorological Office.*

H.M.S.O. Press, M.O. Dunstable Pr. 350/4766 Wt. 8151/1, D. 4356 G. Gp. 846 3245. 11/44

SECRET

AIR MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON

MONTHLY SUPPLEMENT,

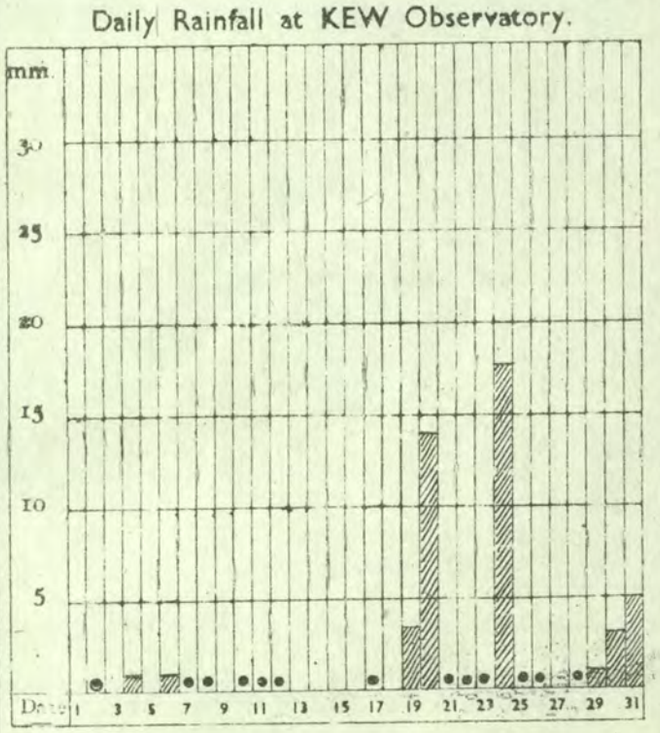
August 1944 No. 332



## Warm; mainly fine; sunny in West.

For the first half of the month weather was mainly of the anticyclonic or ridge type, though a few feeble fronts produced some slight rain or drizzle and local hill fog, chiefly in Scotland. During this period maxima were consistently over average everywhere and exceeded 80°F at some stations on 16th & 17th. 87°F was recorded at Mildenhall on the 17th. Night minima were also well over average in most places. Except in the Northwest rainfall was very slight or negligible while sunshine was more plentiful than average. During the third week it became rather more unsettled in the West and North but remained fair and warm in the South and East until the 19th. On the night of 17th-18th secondaries moving northeastwards off the northwest seaboard produced substantial rainfall there, while the associated cold front moved over the whole country during the 19th, giving rain in all areas. This brought to an end the spell of fine warm weather which some parts of the South had enjoyed for nearly a month. Another secondary formed on this cold front and together with a depression which moved north from France, gave the South of England a period of almost continuous rain, hill fog and cold northeasterly winds (20th-24th) The ridge behind the cold front was very large and by the 20th had formed an anticyclone south of Iceland. This moved southeast over Scotland and the east to Norway. It restored fine conditions in the North but maintained strong northeasterlys over the rest of the country for four days. Most places experienced their coldest day on the 21st when maxima as low as 55°F were common. During this period some noteworthy falls of rain were 33mm at Shoeburyness (20th), 27mm at Lympne (24th), and 29mm at Birmingham (19th) After a respite of three or four days during which more settled conditions returned, a vigorous secondary moved quickly across Central Scotland, giving large rainfall amounts there, and beginning a period of unsettled cyclonic weather which persisted well into September. On the 31st cold northwesterlys again lowered maxima to well below average. Mean maxima and minima were well over average, excesses of 3°F being quite common. The mean temperatures for the month were therefore well over average everywhere and in some cases the month was the warmest for several years. At Ross-on-Wye it has been only once exceeded (in 1933) since 1911. Except on the East coast, sunshine totals were also over average and the excesses increase steadily from east to west. Over England the excesses are not as great as might have been expected, although most stations had 8-10 days with totals over 9hours. Rainfall at most places was below average for the eleventh consecutive month, there being roughly twenty days without appreciable rain. Sea fog was again experienced chiefly off Northeast and Southwest coasts but not so frequently as in July. Thunderstorms were mostly confined to northern districts and occured chiefly on the 8th and 30th. There were no gales reported.

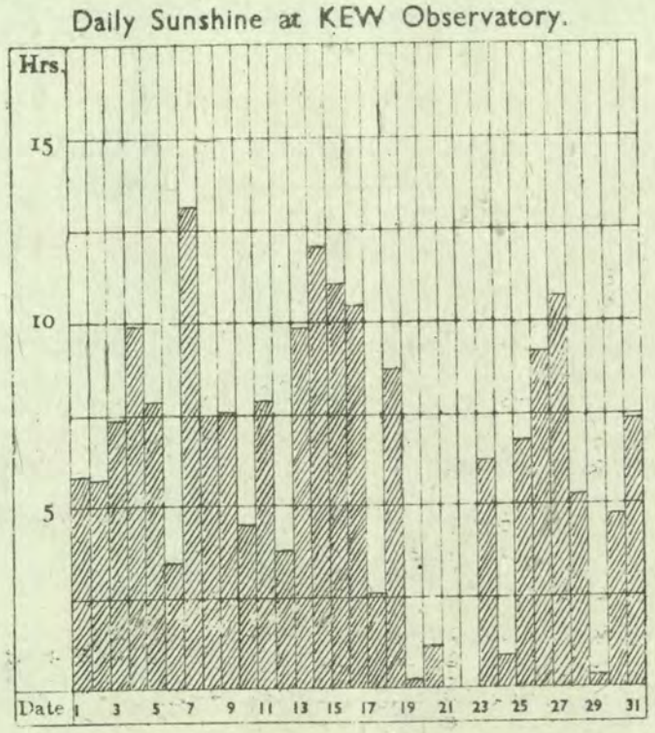
### Daily Rainfall at KEW Observatory.




● = less than 0·5 mm.

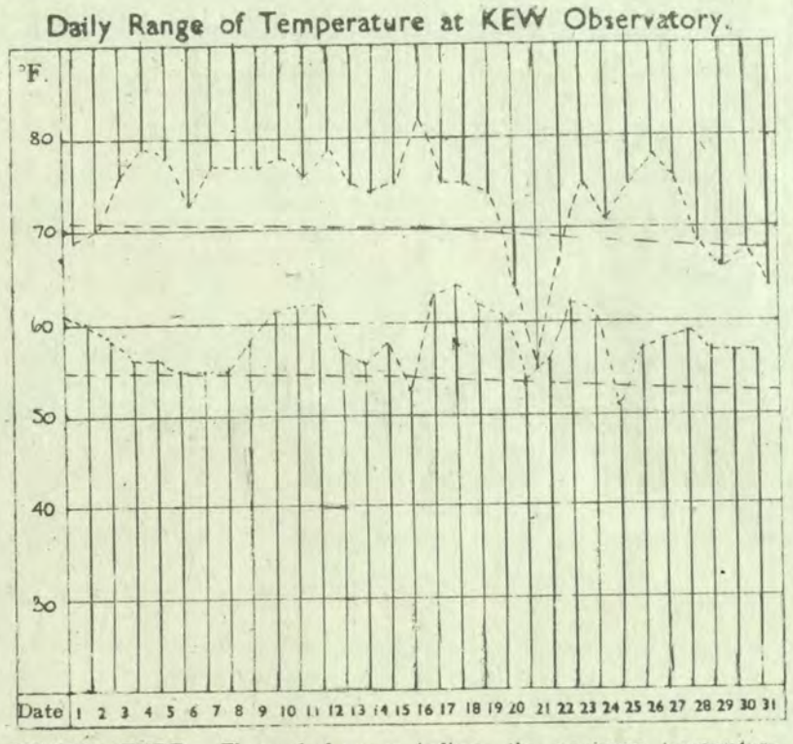
RAINFALL. Total for Month. 50 mm.

### Daily Sunshine at KEW Observatory.




SUNSHINE. Total for Month. 192 hrs.

### Daily Range of Temperature at KEW Observatory.




TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

### MEAN VALUES FOR THE MONTH.*

| STATIONS. | PRESSURE Mean | PRESSURE Difference from average | TEMPERATURE Mean | TEMPERATURE Difference from average |
|---|---|---|---|---|
| | mb | mb. | °F. | °F. |
| Kew | 1016·3 | +1·0 | 65·6 | +2·8 |
| Aberdeen | 1014·2 | +2·7 | 57·5 | +0·8 |
| Valentia | 1015·6 | +0·9 | 60·5 | +2·1 |

* Pressure—The mean is for the 24 hours. It is derived from values at 6 h. and 18 h. duly corrected.
Temperature—mean of Max. and Min.

### WIND FREQUENCIES at 6 hr.

Forces 1–3 ——; forces 4–7 ═══; force 8 or above ▬▬. Scale: ⟵10 mm.⟶ to 10 observations.
The figure in the centre of the circle gives the number of calms.

### "RUN" of WIND, or total displacement of air relative to the anemographs.

| | miles. |
|---|---|
| Kew ... | 5,589 |
| Aberdeen ... | 4,567 |
| Lerwick ... | 10,045 |
| Valentia ... | |

# SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

## † TEMPERATURE.

| District | Stations | Number of daily readings within fixed limits. Maximum. 42°–50° | 51°–59° | 60°–68° | 69°–77° | 78°–86° | Average Maximum. °F. | Minimum. 33°–41° | 42°–50° | 51°–59° | 60°–68° | 69°–77° | Average Minimum °F. | Extremes—Warmest and Coldest. Days. Highest Max. °F. | Date. | Lowest Max. °F. | Date. | Nights. Highest Min. °F. | Date. | Lowest Min. °F. | Date. | Number of Ground Frosts. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | London ... (Kew Obsy). | 0 | 1 | 5 | 19 | 6 | 70·5 | 0 | 0 | 20 | 11 | 0 | 55·0 | 82 | 16 | 59 | 21 | 64 | 18 | 53 | 16 | 0 |
| | Croydon ... | 0 | 1 | 5 | 13 | 12 | 70·1 | 0 | 0 | 26 | 5 | 0 | 54·0 | 85 | 16 | 59 | 21 | 62 | 20 | 51 | 8, 16 | 0 |
| | Thorney Island | 0 | 0 | 5 | 18 | 8 | 68·6 | 0 | 0 | 25 | 6 | 0 | 55·5 | 81 | 4 | 61 | 21 | 65 | 19 | 52 | 1, 8 | 0 |
| | Lympne ... | 0 | 0 | 6 | 24 | 1 | 67·9 | 0 | 1 | 24 | 6 | 0 | 53·6 | 78 | 16 | 62 | 1, 21 | 61 | 22, 23 | 50 | 8 | 0 |
| | Shoeburyness... | 0 | 0 | 7 | 14 | 10 | 71·0 | 0 | 0 | 20 | 11 | 0 | 54·1 | 84 | 11 | 63 | 21 | 64 | 19 | 51 | 7, 26 | 0 |
| | Gorleston ... | 0 | 0 | 10 | 8 | 4 | 68·0 | 0 | 0 | 19 | 12 | 0 | 55·0 | 82 | 23 | 60 | 2 | 64 | 12 | 52 | 14 | 0 |
| | Cranwell ... | 0 | 4 | 6 | 16 | 5 | 68·9 | 0 | 5 | 25 | 1 | 0 | 51·7 | 83 | 16 | 58 | 22 | 64 | 19 | 45 | 16 | 0 |
| 3 | Birmingham ... (Edgbaston) | 0 | 3 | 8 | 19 | 1 | 67·7 | 0 | 1 | 27 | 3 | 0 | 52·9 | 81 | 16 | 56 | 22 | 61 | 18 | 50 | 31 | 0 |
| 4 | Ross-on-Wye... | 0 | 2 | 6 | 16 | 7 | 68·5 | 0 | 7 | 18 | 6 | 0 | 52·6 | 81 | 16 | 58 | 22 | 63 | 11, 18 | 47 | 13, 15 | 0 |
| 5 | The Lizard .. | 0 | 0 | 11 | 19 | 1 | | 0 | 0 | 24 | 7 | 0 | | 78 | 10 | 62 | 1, 2 | 62 | 18 | 51 | 21 | 0 |
| 7 | Holyhead (Valley | 0 | 0 | 20 | 9 | 2 | 63·0 | 0 | 4 | 24 | 3 | 0 | 55·1 | 79 | 1 | 60 | 22 | 62 | 18 | 45 | 14 | 0 |
| 8 | Hawarden ‡ | 0 | 4 | 16 | 10 | 1 | 67·1 | 1 | 13 | 13 | 4 | 0 | 51·9 | 81 | 5, 7 | 57 | 22 | 62 | 11 | 41 | 14 | 0 |
| 10 | Tynemouth ... | 0 | 3 | 18 | 10 | 0 | 63·8 | 0 | 3 | 26 | 2 | 0 | 53·1 | 75 | 16 | 55 | 21 | 64 | 11 | 49 | 29 | 0 |
| 11 | Leuchars ... | 0 | 4 | 16 | 11 | 0 | 64·5 | 1 | 10 | 18 | 2 | 0 | 49·4 | 73 | 24 | 51 | 29 | 65 | 11 | 37 | 22 | 0 |
| 12 | Renfrew ... | 0 | 2 | 15 | 13 | 1 | 64·3 | 2 | 5 | 22 | 2 | 0 | 50·0 | 78 | 6 | 58 | 21 | 64 | 11 | 37 | 21, 22 | 0 |
| | Eskdalemuir ... | 0 | 6 | 17 | 7 | 1 | 62·1 | 3 | 18 | 10 | 0 | 0 | 47·5 | 78 | 4 | 53 | 21 | 59 | 11 | 40 | 14 | 0 |
| 13B | Stornoway ... | 0 | 5 | 23 | 3 | 0 | 60·3 | 1 | 11 | 19 | 0 | 0 | 50·0 | 73 | 2, 3 | 56 | 31 | 58 | 1 | 41 | 22 | 1 |
| 15 | Aberdeen ... | 0 | 7 | 19 | 5 | 0 | 62·8 | 1 | 8 | 21 | 1 | 0 | 50·7 | 72 | 8 | 55 | 21 | 62 | 11 | 38 | 22 | 0 |
| 18 | Aldergrove ... | 0 | 3 | 16 | 12 | 0 | 65·1 | 1 | 8 | 20 | 2 | 0 | 51·3 | 75 | 5, 7 | 58 | 28, 31 | 64 | 11 | 39 | 22 | 1 |
| 19 | Birr Castle ... | 0 | 1 | 15 | 15 | 0 | 65·1 | 2 | 8 | 16 | 5 | 0 | 51·3 | 76 | 1, 5 | 59 | 31 | 64 | 11 | 41 | 21 | 0 |
| 20 | Valentia ... (Cahirciveen) | 0 | 0 | 25 | 6 | 0 | 63·1 | 0 | 6 | 17 | 8 | 0 | 54·5 | 76 | 1 | 60 | 30 | 62 | 2, 17 | 47 | 25 | 0 |

## LOW CLOUD.

| Stations | Number of observations within fixed limits. 6 h. Below 1,000 ft. | 1,000–5,000 ft. | 5,000–8,000 ft. | 12 h. Below 1,000 ft. | 1,000–5,000 ft. | 5,000–8,000 ft. | 18 h. Below 1,000 ft. | 1,000–5,000 ft. | 5,000–8,000 ft. |
|---|---|---|---|---|---|---|---|---|---|
| London ... (Kew Obsy). | 1 | 27 | 0 | 0 | 29 | 0 | 0 | 29 | 0 |
| Croydon ... | 9 | 13 | 0 | 2 | 27 | 0 | 3 | 22 | 0 |
| Thorney Island | 10 | 12 | 0 | 3 | 25 | 0 | 3 | 19 | 0 |
| Lympne ... | 16 | 9 | 0 | 6 | 21 | 0 | 5 | 12 | 1 |
| Shoeburyness... | 9 | 12 | 2 | 3 | 22 | 0 | 1 | 16 | 1 |
| Gorleston ... | 6 | 17 | 3 | 2 | 26 | 1 | 6 | 17 | 4 |
| Cranwell ... | 11 | 13 | 0 | 7 | 22 | 0 | 2 | 26 | 0 |
| Birmingham ... (Edgbaston) | 12 | 8 | 0 | 4 | 25 | 0 | 3 | 25 | 0 |
| Ross-on-Wye... | 8 | 15 | 0 | 2 | 27 | 0 | 0 | 27 | 0 |
| The Lizard .. | 7 | 23 | 0 | 5 | 26 | 0 | 4 | 26 | 0 |
| Holyhead (Valley | 7 | 16 | 0 | 3 | 22 | 0 | 3 | 21 | 1 |
| Hawarden ‡ | 5 | 22 | 0 | 1 | 28 | 0 | 0 | 28 | 0 |
| Tynemouth ... | 5 | 23 | 0 | 1 | 30 | 0 | 0 | 31 | 0 |
| Leuchars ... | 11 | 17 | 2 | 8 | 23 | 0 | 7 | 21 | 1 |
| Renfrew ... | 6 | 21 | 0 | 5 | 24 | 0 | 3 | 25 | 0 |
| Eskdalemuir ... | 8 | 21 | 0 | 5 | 25 | 0 | 6 | 23 | 0 |
| Stornoway ... | 10 | 16 | 1 | 2 | 27 | 0 | 5 | 25 | 1 |
| Aberdeen ... | 7 | 21 | 3 | 6 | 22 | 2 | 7 | 19 | 3 |
| Aldergrove ... | 11 | 18 | 0 | 1 | 28 | 1 | 2 | 26 | 0 |
| Birr Castle ... | 2 | 24 | 0 | 2 | 26 | 0 | 3 | 25 | 0 |
| Valentia ... (Cahirciveen) | 4 | 25 | 0 | 3 | 27 | 0 | 6 | 24 | 0 |

## FOG, MIST and GOOD VISIBILITY.

| Stations | Number of observations within fixed limits. 6 h. Dense fog. | Thick fog. | Fog. | Mist. | Good Visibility. | 12 h. Dense fog. | Thick fog. | Fog. | Mist. | Good Visibility. |
|---|---|---|---|---|---|---|---|---|---|---|
| London ... (Kew Obsy). | 0 | 1 | 0 | 0 | 10 | 0 | 0 | 0 | 1 | 27 |
| Croydon ... | 0 | 0 | 2 | 2 | 9 | 0 | 0 | 0 | 1 | 20 |
| Thorney Island | 0 | 1 | 1 | 3 | 13 | 0 | 0 | 0 | 0 | 25 |
| Lympne ... | 0 | 3 | 2 | 7 | 8 | 0 | 0 | 0 | 1 | 23 |
| Shoeburyness... | 0 | 1 | 2 | 2 | 14 | 0 | 0 | 0 | 0 | 23 |
| Gorleston ... | 0 | 1 | 3 | 1 | 15 | 0 | 0 | 0 | 0 | 22 |
| Cranwell ... | 0 | 1 | 7 | 4 | 15 | 0 | 0 | 0 | 2 | 19 |
| Birmingham ... (Edgbaston) | 0 | 2 | 2 | 4 | 10 | 0 | 0 | 0 | 1 | 22 |
| Ross-on-Wye... | 0 | 1 | 2 | 2 | 14 | 0 | 0 | 0 | 0 | 25 |
| The Lizard .. | 0 | 0 | 0 | 2 | 16 | 0 | 1 | 0 | 1 | 20 |
| Holyhead (Valley | 2 | 0 | 2 | 0 | 18 | 0 | 0 | 0 | 3 | 20 |
| Hawarden ‡ | 0 | 0 | 3 | 7 | 10 | 0 | 0 | 0 | 1 | 21 |
| Tynemouth ... | 0 | 0 | 5 | 1 | 7 | 0 | 0 | 2 | 1 | 15 |
| Leuchars ... | 0 | 0 | 4 | 0 | 18 | 0 | 0 | 0 | 2 | 17 |
| Renfrew ... | 0 | 0 | 2 | 2 | 16 | 0 | 0 | 0 | 0 | 17 |
| Eskdalemuir ... | 0 | 0 | 5 | 2 | 17 | 0 | 0 | 0 | 1 | 23 |
| Stornoway ... | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 27 |
| Aberdeen ... | 0 | 0 | 0 | 4 | 19 | 0 | 0 | 0 | 1 | 25 |
| Aldergrove ... | 0 | 0 | 0 | 3 | 20 | 0 | 0 | 0 | 0 | 23 |
| Birr Castle ... | 0 | 1 | 1 | 0 | 29 | 0 | 0 | 0 | 0 | 29 |
| Valentia ... (Cahirciveen) | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 1 | 0 | 27 |

## UPPER AIR TEMPERATURE.

| Pressure mb. | Mean Height. feet. | Birchan Newton (31. Reports) Normal Temp. °F. | Mean Temp. °F. | Aldergrove (31. Reports) Normal Temp. °F. | Mean Temp. °F. | Penzance (.....) Mean Temp. °F. | Larkhill (31.) Mean Temp. °F. | Downham Market (31.) Mean Temp. °F. | Liverpool (31.) Mean Temp. °F. | Lerwick (31.) Mean Temp. °F. | Valentia (31.) Mean Temp. °F. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Surf. | | – | 65·3 | – | 62·3 | Not recieved | 55·9 | 57·5 | 55·1 | 52·0 | 64·1 |
| 900 | 3,240 | 51·8 | 54·5 | – | 48·6 | | 53·5 | 52·7 | 51·2 | 47·0 | 49·4 |
| 800 | 6,390 | 42·2 | 45·0 | – | 41·4 | | 45·0 | 44·8 | 42·2 | 38·7 | 43·5 |
| 700 | 9,376 | 32·9 | 35·2 | – | 31·9 | | 35·0 | 34·5 | 33·4 | 29·6 | 35·0 |
| 600 | 13,792 | 20·8 | 23·5 | – | 20·3 | | 23·2 | 22·1 | 21·4 | 17·7 | 22·9 |
| 500 | 18,278 | 6·2 | 7·8 | – | 5·9 | | 7·9 | 7·2 | 5·7 | 2·3 | 8·2 |
| 400 | 23,561 | – | -15·8 | – | -15·7 | | -12·5 | -13·6 | -14·0 | -18·2 | -10·7 |
| 300 | 30,049 | – | – | – | -44·5 | | -38·9 | -40·9 | -40·7 | -45·1 | -36·5 |
| 200 | 38,640 | – | – | – | -65·8 | | -63·4 | -66·6 | -61·5 | -60·9 | -58·9 |

## UPPER WINDS.

No. of records of Velocity (knots) within fixed limits.

| Pressure mb. | Larkhill (31. Reports) 0 to 10 knots | 11 to 30 knots | 31 to 50 knots | 51 to 70 knots | 71 to 90 knots | > 90 knots | Downham Market (31. Reports) 0 to 10 knots | 11 to 30 knots | 31 to 50 knots | 51 to 70 knots | 71 to 90 knots | > 90 knots | Liverpool (31. Reports) 0 to 10 knots | 11 to 30 knots | 31 to 50 knots | 51 to 70 knots | 71 to 90 knots | > 90 knots | Lerwick (31. Reports) 0 to 10 knots | 11 to 30 knots | 31 to 50 knots | 51 to 70 knots | 71 to 90 knots | > 90 knots |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surf. | 27 | 4 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 0 | 0 | 0 | 16 | 15 | 0 | 0 | 0 | 0 |
| 900 | 9 | 21 | 1 | 0 | 0 | 0 | 12 | 18 | 1 | 0 | 0 | 0 | 8 | 22 | 1 | 0 | 0 | 0 | 4 | 20 | 6 | 1 | 0 | 0 |
| 800 | 7 | 20 | 4 | 0 | 0 | 0 | 11 | 17 | 3 | 0 | 0 | 0 | 13 | 14 | 4 | 0 | 0 | 0 | 5 | 20 | 6 | 0 | 0 | 0 |
| 700 | 9 | 18 | 3 | 1 | 0 | 0 | 7 | 17 | 6 | 1 | 0 | 0 | 12 | 12 | 7 | 0 | 0 | 0 | 5 | 17 | 18 | 1 | 0 | 0 |
| 600 | 9 | 11 | 8 | 3 | 0 | 0 | 4 | 16 | 8 | 3 | 0 | 0 | 9 | 9 | 11 | 1 | 1 | 0 | 4 | 16 | 8 | 3 | 0 | 0 |
| 500 | 5 | 15 | 6 | 5 | 0 | 0 | 4 | 15 | 8 | 4 | 0 | 0 | 8 | 10 | 10 | 3 | 0 | 0 | 3 | 15 | 9 | 2 | 2 | 0 |
| 400 | 2 | 14 | 6 | 6 | 2 | 1 | 1 | 16 | 5 | 7 | 1 | 1 | 3 | 13 | 6 | 8 | 1 | 0 | 1 | 15 | 9 | 4 | 1 | 1 |
| 300 | 1 | 12 | 5 | 4 | 7 | 2 | 2 | 7 | 8 | 9 | 3 | 2 | 1 | 10 | 8 | 8 | 2 | 2 | 1 | 11 | 6 | 5 | 3 | 2 |
| 200 | 2 | 6 | 9 | 6 | 2 | 1 | 1 | 9 | 10 | 5 | 4 | 2 | 4 | 6 | 10 | 9 | 1 | 1 | 1 | 9 | 7 | 5 | 3 | 3 |

† The readings used are the maximum for the period 6 h – 18 h and the minimum for the period 18 h – 6 h. Averages are for periods 7 h – 18 h and 18 h – 7 h, and are based on data covering at least 10 years (see M O 364)

METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON, W.C.2.
NELSON K. JOHNSON, K.C.B., D.Sc., Director

# SUNSHINE, RAINFALL, AND HUMIDITY ..... August ..... 1944.

| District. | 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. | Highest and Lowest Totals on record for Month. First year of record. | Highest. Hrs. | Year. | Lowest. Hrs. | Year. | 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 hours mm. | Date. | Total for past 12 months. mm. | Difference from average mm. | Total for Month.‡ mm. | Difference from average mm. | Highest and Lowest Totals on record for Month. First year of record. | Highest. mm. | Year. | Lowest. mm. | Year. | Days with Thunder. | Days with Snow or Sleet. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | London ... (Kew Obsy). | 2 | 5 | 7 | 9 | 8 | 13·2 | 7 | 1262 | -207 | 192 | +9 | 1880 | 262 | 1899 | 109 | 1912 | 20 | 3 | 5 | 2 | 1 | 0 | 18 | 24 | 427 | -179 | 50 | -7 | 1856 | 165 | 1878 | 2 | 1940 | 4 | 0 |
| | Croydon ... | 2 | 4 | 6 | 6 | 13 | 13·3 | 7 | 1432 | -93 | 221 | +28 | 1922 | 260 | 1923 | 136 | 1931 | 23 | 2 | 4 | 0 | 0 | 2 | 33 | 24 | 485 | -194 | 74 | +15 | 1921 | 106 | 1931 | 0·5† | 1940 | 3 | 0 |
| | Thorney Island ** | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 24 | 0 | 3 | 3 | 1 | 0 | 17 | 19 | 504 | -189 | 57 | -3 | 1881 | 149 | 1912 | 0 | 1940 | 2 | 0 |
| | Lympne ... | 2 | 4 | 5 | 5 | 15 | 13·2 | 14 | 1753 | -12 | 237 | +24 | 1921 | 283 | 1933 | 167 | 1925 | 22 | 2 | 5 | 1 | 0 | 1 | 27 | 24 | 510 | -214 | 49 | -10 | 1920 | 129 | 1941 | 2 | 1940 | 1 | 0 |
| 2 | Shoeburyness ... | 2 | 8 | 4 | 6 | 11 | 12·8 | 14, 25 | 1566 | -150 | 205 | -6 | 1919 | 263 | 1933 | 165 | 1942 | 21 | 4 | 3 | 1 | 0 | 2 | 33 | 20 | 447 | -56 | 73 | +28 | 1920 | 93 | 1941 | 4 | 1940 | 2 | 0 |
| | Gorleston ... | 4 | 2 | 7 | 9 | 9 | 12·8 | 14 | 1594 | -49 | 198 | +1 | 1908 | 249 | 1923 | 116 | 1912 | 25 | 0 | 2 | 4 | 0 | 0 | 12 | 24 | 540 | -82 | 47 | -16 | 1871 | 208 | 1912 | 7 | 1937 | 1 | 0 |
| | Cranwell ... | 4 | 2 | 7 | 9 | 9 | 11·9 | 15 | 1465 | -73 | 194 | +9 | 1921 | 225 | 1933 | 139 | 1925 | 16 | 7 | 4 | 3 | 0 | 1 | 52 | 20 | 543 | -40 | 98 | +32 | 1917 | 99 | 1917 | 11 | 1937, 1940 | 1 | 0 |
| 3 | Birmingham ... (Edgbaston) | 4 | 4 | 6 | 10 | 7 | 12·7 | 12 | 1242 | -62 | 182 | +19 | 1887 | 247 | 1899 | 85 | 1896 | 21 | 3 | 5 | 1 | 0 | 1 | 29 | 19 | 531 | -143 | 57 | -12 | 1893 | 173 | 1912 | 6 | 1940 | 2 | 0 |
| 4 | Ross-on-Wye ... | 4 | 6 | 5 | 8 | 8 | 12·7 | 12, 16 | 1422 | -63 | 182 | +10 | 1915 | 244 | 1933 | 107 | 1922 | 20 | 3 | 4 | 3 | 1 | 0 | 15 | 22 | 476 | -241 | 56 | -9 | 1859 | 202 | 1878 | 4 | 1936 | 2 | 0 |
| 5 | Falmouth ... (Observatory) | 3 | 3 | 6 | 6 | 13 | 13·1 | 5 | 1623 | -87 | 218 | +22 | 1881 | 297 | 1899 | 104 | 1912 | 18 | 5 | 4 | 2 | 2 | 0 | 17 | 18 | 799 | -308 | 66 | -17 | 1871 | 267 | 1912 | 4 | 1940 | 0 | 0 |
| 7 | Holyhead (Valley) | * | * | * | * | * | * | * | * | * | * | * | 1914 | 212 | 1914 | 131 | 1942 | 21 | 1 | 5 | 3 | 1 | 0 | 19 | 27 | 781 | -106 | 55 | -26 | 1871 | 227 | 1917 | 14 | 1940 | 0 | 0 |
| 8 | Hawarden ‡ ... | * | * | * | * | * | * | * | * | * | * | * | 1923 | 193 | 1926 | 125 | 1924 | 20 | 5 | 3 | 2 | 1 | 0 | 17 | 23 | 617 | -21 | 39 | -31 | 1922 | 150 | 1931 | 12 | 1940 | 0 | 0 |
| 10 | Tynemouth ... | * | * | * | * | * | * | * | * | * | * | * | 1935 | * | * | * | * | 18 | 5 | 6 | 1 | 1 | 0 | 17 | 27 | 600 | -21 | 45 | -25 | 1915 | 138 | 1917 | 24 | 1918 | 1 | 0 |
| 11 | Leuchers ... | *6 | 9 | 9 | 4 | 2 | 12·0 | 13 | 1325 | -145 | *108 | -47 | 1922 | 202 | 1933 | 98 | 1942 | 24 | 2 | 1 | 3 | 1 | 0 | 20 | 27 | 487 | -166 | 48 | -30 | 1922 | 192 | 1930 | 9 | 1932 | 0 | 0 |
| 12 | Renfrew ... | 5 | 6 | 9 | 8 | 3 | 12·0 | 25 | 1161 | -32 | 144 | +15 | 1921 | 165 | 1926 | 85 | 1942 | 15 | 5 | 9 | 1 | 1 | 0 | 19 | 27 | 925 | -14 | 60 | -32 | 1921 | 149 | 1929 | 28 | 1932 | 0 | 3 |
| | Eskdalemuir ... | 1 | 12 | 8 | 3 | 7 | 12·4 | 2 | 1102 | -99 | 146 | +25 | 1910 | 197 | 1911 | 44 | 1912 | 17 | 3 | 4 | 5 | 1 | 1 | 33 | 27 | 1409 | -20 | 108 | -23 | 1910 | 262 | 1923 | 46 | 1931 | 2 | 0 |
| 13B | Stornoway ... | 1 | 12 | 6 | 4 | 8 | 14·2 | 22 | 1008 | -207 | 167 | +39 | 1881 | 262 | 1899 | 75 | 1942 | 15 | 1 | 8 | 6 | 1 | 0 | 22 | 17 | 1103 | -98 | 101 | +5 | 1870 | 217 | 1903 | 18 | 1880 | 0 | 0 |
| 15 | Aberdeen ... | 2 | 15 | 6 | 3 | 5 | 11·2 | 13 | 1061 | -268 | 123 | -17 | 1881 | 199 | 1938 | 67 | 1912 | 19 | 6 | 4 | 2 | 0 | 0 | 8 | 27 | 595 | -153 | 23 | -47 | 1871 | 76 | 1877 | 19 | 1899 | 2 | 0 |
| 18 | Aldergrove ... | 1 | 8 | 11 | 5 | 6 | 13·4 | 21st | 1170 | -156 | 167 | +30 | 1927 | 182 | 1931 | 82 | 1942 | 13 | 6 | 9 | 2 | 1 | 0 | 23 | 27 | 772 | -36 | 60 | -31 | 1926 | 155 | 1929 | 17 | 1940 | 1 | 0 |
| 19 | Birr Castle ... | 3 | 10 | 6 | 3 | 9 | 12·3 | 14 | 1280 | -26 | 163 | +26 | 1881 | 236 | 1899 | 70 | 1894 | 13 | 8 | 6 | 4 | 0 | 0 | 10 | 27 | 725 | -102 | 58 | -39 | 1862 | 229 | 1917 | 13 | 1940 | 0 | 0 |
| 20 | Valentia ... (Cahirciveen) | 5 | 5 | 4 | 9 | 8 | 12·9 | 21 | 1372 | +4 | 183 | +35 | 1880 | 270 | 1899 | 87 | 1894 | 12 | 7 | 8 | 4 | 0 | 0 | 10 | 23 | 1002 | -412 | 59 | -63 | 1866 | 220 | 1928 | 10 | 1940 | 0 | 0 |

## MINIMUM SURFACE HUMIDITY.

No. of Days (Mdt. to Mdt.) with Minima between Fixed Limits

| Stations. | 95 to 100 % | 90 to 94 % | 80 to 89 % | 70 to 79 % | 60 to 69 % | 50 to 59 % | 40 to 49 % | 30 to 39 % | 20 to 29 % | 0 to 19 % |
|---|---|---|---|---|---|---|---|---|---|---|
| London (Kew) ... | 0 | 0 | 2 | 1 | 5 | 9 | 7 | 7 | 0 | 0 |
| Ross-on-Wye ... | 0 | 0 | 1 | 4 | 7 | 7 | 3 | 9 | 0 | 0 |
| Falmouth (Obsy.) | 0 | 3 | 1 | 10 | 12 | 5 | 0 | 0 | 0 | 0 |
| Renfrew ... | 0 | 0 | 5 | 2 | 8 | 11 | 4 | 1 | 0 | 0 |
| Eskdalemuir ... | 0 | 0 | 3 | 8 | 5 | 9 | 6 | 0 | 0 | 0 |
| Aberdeen ... | 0 | 1 | 3 | 3 | 13 | 9 | 2 | 0 | 0 | 0 |
| Valentia ... | 1 | 1 | 3 | 11 | 10 | 4 | 1 | 0 | 0 | 0 |

## STATE OF GROUND AT 18 h.

No. of Days each Type was recorded

| Stations. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| London (Kew)... | 17 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ross-on-Wye | 21 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renfrew | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Eskdalemuir | 12 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aberdeen | 23 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Valentia | 15 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**CODE for State of Ground.**

0 Dry.
1 Wet.
2 Flooded
3 Frozen hard and dry
4 Partly covered with snow or hail.
5 Covered with ice or glazed frost
6 Covered with thawing snow
7 Covered with snow, less than 5 in., but ground not frozen
8 Covered with snow, less than 6 in., and ground frozen
9 Covered with snow, greater than 6 ins. deep.

** The extremes and average of rainfall are supplemented by records from neighbouring stations.

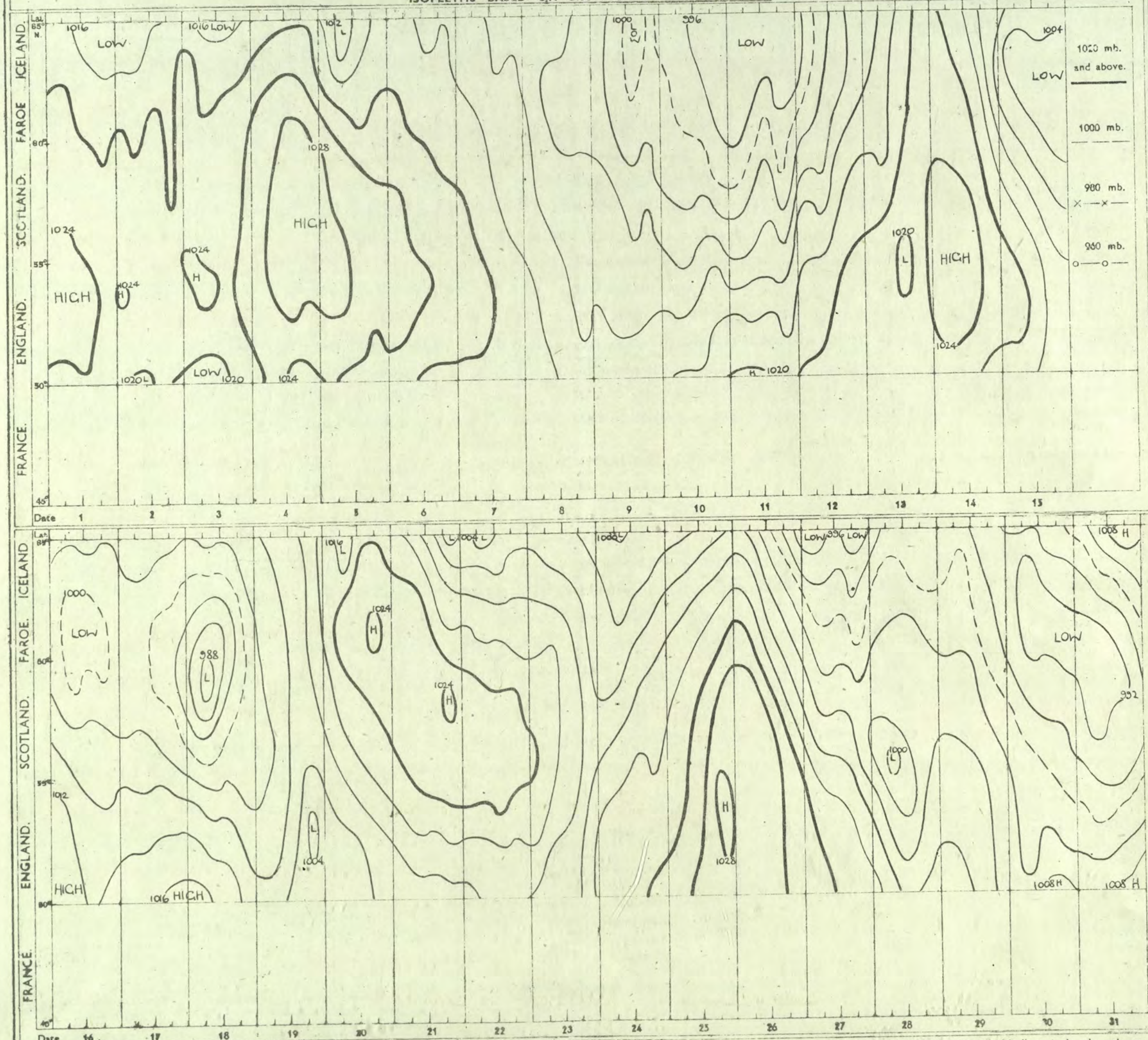
‡ Averages and extreme values are those for Sealand, about 5 miles from Hawarden. † Rainfall from Addington.

* 30 days only

‡ Based in part on reports made by telegraph in which the day and night measurements 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.

# PRESSURE: ICELAND TO GULF OF LIONS August 1944.

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.




* 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 show 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.

H.M.S.O. Press, M.O. Dunstable

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Tuesday 1st August 1944

No. 30203.

## OBSERVATIONS at 12h. G.M.T. 31st July

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A 0–9 (13) | Cloud Amount Low B 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 22.7 | +2 | NNE | 1 | z0 | 69 | 56 | 6 | 5 | – | – | 7 | 7 | – | 25 | – |
| | Croydon | 22.7 | 0 | WNW | 2 | z0 | 68 | 56 | 6 | 5 | – | – | 7 | 7 | – | 20 | – |
| | Boscombe Down | 22.6 | +20 | — | 0 | c-bc | 70 | 60 | 7 | 5 | – | – | 5 | 5 | – | 25 | – |
| | Thorney Island | 21.3 | –6 | SW'S | 3 | z0 | 68 | 61 | 6 | 2 | – | 2 | 5 | 4 | 5 | 20 | – |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 22.1 | +2 | NNW | 2 | z0 | 61 | 58 | 6 | 5 | – | – | 6 | 6 | – | 20 | – |
| | Manston | 22.1 | +6 | NNW | 2 | z0 | 66 | 58 | 5 | 5 | – | – | 4 | 4 | – | 20 | – |
| 2 | North Weald | 23.3 | +6 | NNW | 3 | z0 | 64 | 56 | 5 | 5 | – | – | 7 | 4 | 7 | 18 | 40 |
| | Felixstowe | 21.5 | +4 | NNW | 3 | bc | 73 | 61 | 7 | 1 | – | – | 4 | 4 | – | 40 | – |
| | Gorleston | 21.3 | +8 | N'W | 3 | c | 62 | 58 | 7 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Mildenhall | 22.7 | +6 | NW'N | 2 | z0 | 64 | 61 | 6 | 5 | – | – | 8 | 4 | 8 | 9 | 15 |
| | Bircham Newton | 22.8 | +10 | N'E | 3 | z0 | 60 | 58 | 6 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Cranwell | 22.9 | +6 | NNE | 2 | z0 | 67 | 58 | 6 | 5 | – | – | 5 | 3 | 5 | 15 | 25 |
| 3 | Cranfield | 22.5 | +4 | N | 1 | c | 66 | 56 | 6 | 5 | – | – | 6 | 6 | – | 18 | – |
| | Honiley | 22.4 | 0 | — | 0 | z0 | 69 | 58 | 5 | 5 | – | – | 6 | 3 | 6 | 12 | 25 |
| 4 | Little Rissington | 23.0 | +10 | NE | 1 | z0 | 64 | 58 | 5 | 5 | – | – | 8 | 5 | 8 | 13 | 25 |
| | Shobden | 22.3 | –6 | ESE | 3 | z0 | 70 | 60 | 6 | 2 | – | – | 5 | 5 | – | 25 | – |
| 5 | Bristol | 22.2 | –2 | E'S | 2 | bc | 72 | 61 | 7 | 1 | – | – | 4 | 4 | – | 40 | – |
| | Chivenor | 22.0 | 0 | NNW | 3 | c-bc | 68 | 58 | 7 | 1 | 7 | – | 5 | 3 | 5 | 25 | – |
| | Yeovilton | 22.1 | +2 | S | 1 | z0 | 74 | 66 | 6 | 2 | – | – | 4 | 2 | 4 | 12 | 15 |
| | Portland Bill | 21.9 | +6 | SW | 2 | c-bc | 64 | 61 | 7 | 2 | – | – | 5 | 5 | – | 50 | – |
| | Exeter | 22.0 | +2 | S | 3 | bc | 73 | 60 | 7 | 1 | – | 9 | 4 | 2 | 2 | 40 | – |
| | Plymouth | 22.5 | +4 | SW | 2 | z0 | 65 | 60 | 6 | 1 | 3 | – | 5 | 3 | 5 | 30 | – |
| | St. Eval | 22.7 | +2 | — | 0 | c | 64 | 58 | 7 | 5 | 7 | – | 6 | 4 | 6 | 15 | – |
| | The Lizard | 22.5 | +6 | — | 0 | c | 65 | 60 | 7 | 5 | – | – | 7 | 7 | – | 30 | – |
| | Scilly, St. Marys | 22.2 | +6 | SE'S | 2 | c | 66 | 61 | 8 | 8 | 7 | – | 7 | 4 | 4 | 22 | 57 |
| 6 | Fairwood | 22.4 | +6 | S | 3 | z0 | 68 | 59 | 6 | 1 | 3 | 2 | 5 | 2 | 4 | 20 | – |
| | Pembroke | 22.8 | +8 | — | 0 | c | 62 | 57 | 8 | 5 | – | – | 7 | 7 | – | 20 | – |
| | Aberporth | 22.0 | +2 | WNW | 2 | z0 | 65 | 58 | 6 | 2 | 3 | – | 4 | 3 | 4 | 25 | – |
| 7 | Penrhos | 22.0 | 0 | ESE | 3 | z0 | 70 | 60 | 6 | 1 | – | 1 | 3 | 2 | 3 | 30 | – |
| | Holyhead, Valley | 22.3 | +2 | SW | 2 | z0 | 67 | 58 | 6 | 2 | – | 6 | 4 | 1 | – | 25 | – |
| | Hawarden | 22.2 | 0 | SE | 2 | z0 | 72 | 58 | 6 | 1 | 2 | 2 | 5 | 4 | 5 | 35 | – |
| 8 | Manchester | 21.8 | –2 | SW | 1 | z0 | 72 | 57 | 6 | 1 | – | 1 | 3 | 3 | 3 | 28 | – |
| | Squires Gate | 22.3 | 0 | NW | 2 | z0 | 67 | 59 | 6 | 8 | – | 2 | 6 | 4 | 8 | 25 | – |
| | Silloth | 22.6 | +6 | W'S | 3 | z0 | 68 | 60 | 6 | 7 | – | 1 | 3 | 3 | 2 | 30 | 40 |
| 9 | Ashbourne | 22.1 | –2 | ENE | 1 | z0 | 70 | 59 | 6 | 2 | – | – | 4 | 4 | – | 22 | – |
| | Snaith | 23.2 | +2 | ENE | 1 | z0 | 68 | 58 | 6 | 5 | – | – | 5 | 5 | – | 25 | – |
| 10 | Spurn Head | 22.9 | +6 | N'E | 3 | z0 | 62 | 59 | 6 | 5 | – | – | 8 | 8 | – | 10 | – |
| | Catterick (Sc.) | 23.1 | +4 | NE'E | 3 | z0 | 65 | 59 | 6 | 5 | – | – | 8 | 4 | 8 | 15 | 40 |
| | Tynemouth | 24.1 | +6 | N | 2 | of | 59 | 57 | 3 | 5 | – | – | 8 | 8 | – | 20 | – |
| | Acklington | 23.7 | +4 | ESE | 3 | z0 | 62 | 58 | 6 | 5 | – | – | 8 | 4 | 8 | 8 | 15 |
| 11 | St. Abb's Head | 23.5 | +10 | SE | 1 | cjf | 64 | 57 | 5 | 7 | – | – | 7 | 1 | 7 | 20 | 25 |
| | Leuchars | 23.6 | –2 | ESE | 2 | c | 63 | 56 | 7 | 5 | – | – | 8 | 4 | 8 | 15 | 25 |
| | Montrose | 24.6 | +6 | ENE | 3 | z0 | 59 | 57 | 6 | 5 | – | – | 8 | 3 | 8 | 10 | 15 |
| 12 | Abbotsinch | 21.5 | –2 | ENE | 2 | z0 | 72 | 60 | 6 | 2 | – | – | 5 | 5 | – | 25 | – |
| | Prestwick | 21.9 | +4 | W'N | 2 | c-bc | 69 | 59 | 7 | 2 | – | – | 5 | 5 | – | 20 | – |
| | West Freugh | 22.0 | +6 | SE'E | 3 | b-bc | 67 | 61 | 8 | 2 | – | 1 | 3 | 3 | 2 | 20 | – |
| | Eskdalemuir | 21.8 | +4 | SE'S | 1 | c | 67 | 56 | 7 | 5 | – | – | 7 | 7 | – | 24 | – |
| | Jurby, I. of Man | 22.3 | +8 | W | 2 | c | 67 | 57 | 7 | 8 | 6 | 6 | 6 | 2 | 4 | 22 | 25 |
| 13A | Machrihanish | 21.5 | +6 | SSE | 4 | z0 | 67 | 59 | 6 | 8 | – | 5 | 4 | 4 | 2 | 20 | – |
| | Tiree | 21.3 | +6 | SSE | 3 | z0 | 64 | 59 | 6 | – | – | 1 | 2 | 2 | – | – | – |
| | Oban | 22.0 | +4 | SW | 1 | z0 | 71 | 62 | 6 | 2 | – | – | 6 | 6 | – | 25 | – |
| 13B | Stornoway | 21.1 | +2 | SE | 1 | c-bcjf | 63 | 58 | 7 | 5 | 3 | – | 5 | 3 | 4 | 5 | 8 |
| | Cape Wrath | 21.7 | +2 | E | 1 | c-bcjf | 65 | 60 | 7 | 2 | 4 | 1 | 5 | 4 | – | 15 | – |
| 15 | Dalwhinnie | 21.0 | 0 | SE | 3 | c | 64 | 54 | 7 | 8 | – | – | 7 | 7 | – | 25 | – |
| | Aberdeen | 23.7 | +4 | SE | 2 | c-bcjf | 63 | 50 | 6 | 5 | – | – | 5 | 9 | – | 5 | – |
| | Fraserburgh | 23.5 | +2 | SE | 4 | z0 | 62 | 58 | 6 | 5 | – | – | 6 | 4 | 3 | 9 | 15 |
| | Alness | 21.9 | +2 | SSE | 3 | z0 | 68 | 61 | 6 | 1 | – | – | 3 | 3 | – | 20 | – |
| | Wick | 23.0 | +4 | ESE | 3 | F+ | 58 | 57 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| 16 | Hatston | 23.4 | +4 | SE'E | 4 | c-bc | 62 | 57 | 7 | 5 | – | – | 5 | 3 | 5 | 8 | 15 |
| | Sumburgh | 24.5 | +2 | E | 3 | c | 59 | 55 | 9 | 5 | – | – | 8 | 3 | 8 | 25 | 57 |
| | Sullom Voe | 24.8 | +6 | E | 2 | c | 60 | 51 | 8 | 5 | – | – | 8 | 2 | 8 | 25 | 57 |
| 17 | Blacksod Point | 17.6 | –4 | SSE | 2 | o/r | 63 | 58 | 8 | 6 | – | – | 8 | 8 | – | 25 | – |
| 18 | Malin Head | 19.9 | +8 | ESE | 3 | c-bc | 69 | 57 | 8 | 2 | – | 7 | 5 | 3 | – | 18 | – |
| | Aldergrove | 21.0 | 0 | SE'E | 3 | c-bc | 69 | 60 | 7 | 8 | 6 | – | 5 | 5 | 2 | 25 | – |
| | Cas. Archdale | 19.9 | –6 | SSE | 4 | c-bc | 69 | 56 | 9 | 1 | 7 | 2 | 5 | 2 | 4 | 30 | – |
| 19 | Birr Castle | 20.0 | +2 | SSE | 2 | c | 66 | 58 | 9 | 5 | 1 | – | 8 | 5 | – | 25 | – |
| | Collinstown | 21.2 | +2 | SE'S | 4 | c | 63 | 55 | 8 | 7 | 1 | 8 | 8 | 4 | – | 42 | – |
| 20 | Foynes | 18.8 | 0 | ESE | 4 | r0r0 | 64 | 60 | 8 | 5 | 2 | – | 8 | 5 | – | 21 | – |
| | Valentia | 17.9 | +2 | S'E | 5 | iR0 | 61 | 59 | 5 | 6 | 2 | – | 8 | 4 | – | 11 | – |
| | Roches Point | 21.2 | +6 | SSE | 3 | rr | 61 | 60 | 7 | 6 | 2 | – | 8 | 4 | – | 8 | – |

## OBSERVATIONS at 18h. G.M.T. 31st July — PAST 24 HOURS

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0–9 (28) | Low A 0–9 (29) | Low B 0–9 (30) | Height of Base A. (31) | B. (32) | State of Ground 0–9 (33) | Sea 0–9 (34) | Weather 06h.–12h. 31st (41) | 12h.–18h. 31st (42) | 18h. 31st to 00h. 1st (43) | 00h.–06h. 1st (44) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 22.4 | –2 | NNE | 1 | z0 | 73 | 58 | 6 | 8 | – | 6 | 5 | 4 | 3 | 25 | · | 1 | * | cm0z0 | bccz0y | cybcz0 | bccm0 |
| Croydon | 22.7 | +2 | NNW | 2 | z0 | 72 | 58 | 6 | 1 | – | 2 | 4 | 3 | 4 | 30 | · | 0 | * | cm0z0 | cbcz0y | cm | cmcm0 |
| Boscombe Down | 22.5 | –2 | E | 1 | bc | 70 | 60 | 7 | – | – | 8 | 4 | 4 | – | – | · | 0 | * | ofebcz0c | cbcbb0 | bcm0 | bmbcm0F |
| Thorney Island | 22.4 | +2 | SW | 2 | z0 | 63 | 60 | 5 | – | 3 | 2 | 4 | 1 | 4 | · | · | 0 | * | cm0bcz0 | bm0bcm0 | bf | OFfom0 |
| Friston | | | | | | | | | | | | | | | | | | * | | | | |
| Lympne | 22.6 | +6 | SSE | 1 | z0 | 66 | 60 | 6 | 2 | – | 2 | 3 | 2 | 3 | 35 | · | 0 | §2 | om0cz0 | cz0bcz0 | bcm0bm | omfm |
| Manston | 22.3 | +2 | NW | 2 | z0 | 70 | 58 | 6 | 5 | 1 | 4 | 6 | 5 | 2 | 28 | – | 0 | * | ocm0 | bcbz0 | com0 | ocm0 |
| North Weald | 23.3 | –6 | N | 4 | z0 | 67 | 58 | 6 | – | – | 1 | 3 | – | 3 | – | · | 0 | * | cm0z0 | cz0bcz0bz0 | bz0m0cm | cmcm0 |
| Felixstowe | 22.5 | +6 | N | 1 | z0 | 66 | 61 | 6 | 5 | – | – | 6 | 6 | – | 40 | · | 0 | 2 | cm0bc | bcz0cm0 | bcbcm0w | cm0wcm0 |
| Gorleston | 22.0 | 0 | N'E | 2 | c | 61 | 59 | 7 | 5 | – | · | 7 | 7 | – | 12 | – | 0 | 2 | c | ccz0cc | oz0ccz | cz0 |
| Mildenhall | 22.8 | +2 | NE | 2 | bc | 67 | 61 | 7 | 5 | – | 1 | 4 | 4 | 1 | 20 | · | 0 | * | cid0m0c | cm0cbc | bccm0bm | omoid0m0 |
| Bircham Newton | 23.7 | +6 | ENE | 2 | z0 | 60 | 57 | 6 | 5 | · | · | 7 | 7 | – | 4 | – | 1 | * | odfm0o | id0om0 | cm0 | cm0 |
| Cranwell | 22.8 | 0 | E | 1 | z0 | 67 | 61 | 6 | 2 | 4 | 2 | 5 | 4 | 1 | 20 | · | 0 | * | cm0 | cm0bcm0cm0 | cm0 | cmf |
| Cranfield | 22.5 | 0 | NE | 1 | z0 | 68 | 56 | 6 | – | 3 | 6 | 4 | 1 | 4 | 150 | – | 0 | * | cm0 | bcm0 | bm0c | oFom0 |
| Honiley | 22.2 | ·2 | – | 0 | z0 | | | | | | | | | | | | | * | cmcz0 | | cz0bcz0b | bm0fb |
| Little Rissington | 22.3 | 0 | SSE | 1 | z0 | 66 | 59 | 6 | – | 3 | 1 | 5 | 5 | 1 | 90 | · | 0 | * | oFecm0 | bcz0cz0 | cz0bcm0 | bcm0F |
| Shobden | 22.2 | –6 | SE | 1 | z0 | 70 | 60 | 6 | – | 7 | – | 7 | 7 | – | · | – | 0 | * | cm0wcm0cz0 | cz0bcz0 | cz0cm0 | cz0m0w |
| Bristol | 22.1 | 0 | ENE | 2 | z0 | 71 | 62 | 6 | 5 | 2 | – | 8 | 4 | 8 | 36 | – | 0 | * | oFmwzcz | cbcz0bccz | cz0m0 | cm0m0F |
| Chivenor | 22.7 | 0 | NW | 2 | c | 64 | 59 | 7 | – | 7 | · | 7 | – | 7 | – | – | 0 | * | bcc | clr0 | cm0c | cbcb |
| Yeovilton | 22.1 | +4 | SW | 2 | c | 69 | 63 | 7 | 5 | 2 | – | 8 | 2 | 5 | 20 | 40 | 0 | * | cmbcz | zz0cc | zm0c | zcmfmb |
| Portland Bill | 22.4 | +4 | NNW | 2 | c | 64 | 61 | 7 | 5 | · | · | 8 | 8 | – | 50 | – | 1 | 3 | c | c | c | c |
| Exeter | 22.5 | +2 | SSE | 3 | z0 | 68 | 58 | 6 | 1 | 7 | 6 | 7 | 4 | 5 | 30 | – | 0 | * | cy | ccycm0 | cm0 | bcm0fg |
| Plymouth | 22.7 | –2 | SW | 2 | c-bc | 64 | 59 | 7 | – | 7 | 1 | 5 | 5 | 1 | – | – | 0 | 1 | cm0ccm0 | cm0c | cm0bcm0w | bcbm0w |
| St. Eval | 22.3 | –6 | ENE | 1 | c-bc | 65 | 57 | 8 | 1 | – | – | 5 | 4 | 5 | 35 | 57 | 0 | * | cm0c | cbcc | cbc | bcw |
| The Lizard | 22.1 | –4 | S | 1 | bc | 64 | 57 | 7 | 7 | – | – | 4 | 4 | – | 30 | · | 0 | 3 | c | bbc | bccw | bcz0w |
| Scilly, St. Marys | 22.2 | –2 | E'S | 2 | bc | 64 | 59 | 8 | 8 | 4 | 2 | 4 | 4 | 2 | 26 | · | 0 | 2 | c | cbc | cbcw | bcbw |
| Fairwood | 22.4 | –4 | NW | 2 | c | 65 | 58 | 7 | – | 7 | – | 7 | 7 | – | 150 | – | 0 | * | cm0 | cm0cir0c | cm0 | |
| Pembroke | 23.0 | +8 | – | 0 | c | 61 | 58 | 8 | 5 | – | · | 8 | 8 | · | 20 | · | 1 | 2 | c | crrc | c | cm0 |
| Aberporth | 22.9 | +2 | W'N | 2 | c | 60 | 55 | 8 | 4 | 7 | 1 | 6 | 1 | 5 | 30 | – | 0 | 2 | cm0bcm0 | bcm0c | * | bc |
| Penrhos | 22.4 | +2 | WSW | 1 | c | 65 | 58 | 7 | – | 7 | 9 | 7 | 5 | – | – | · | 0 | 1 | cm0 | bcz0cz0c | c | cbc |
| Holyhead, Valley | 23.0 | +2 | W'S | 2 | c | 64 | 57 | 7 | – | 3 | · | 7 | – | 7 | – | – | 0 | 1 | cz0 | bccz0c | cbccm0 | cir0m0 |
| Hawarden | 22.0 | 0 | SE | 2 | z0 | 74 | 58 | 6 | 2 | 7 | 9 | 4 | 1 | 2 | 80 | 40 | 0 | * | bm0bz0bc | z0bcz0bc | bcz0cz0 | cmcm |
| Manchester | 21.8 | +2 | SE | 3 | z0 | 68 | 60 | 6 | 2 | 8 | – | 6 | 3 | 5 | 30 | – | 0 | * | oFmbz0 | bz0bcz0y | bcz0bm0w | bbcm0w |
| Squires Gate | 22.0 | –4 | ENE | 2 | z0 | 71 | 59 | 6 | – | 3 | · | 3 | 3 | – | 150 | – | 0 | * | ofbcmz0 | bbcz0 | bcz0cm0 | bcm0 |
| Silloth | 22.3 | –2 | WSW | 1 | z0 | 66 | 59 | 6 | 4 | – | 1 | 3 | 3 | 2 | 35 | – | 0 | * | cm0bcz0 | bcz0bz0 | z0bcm0 | bcm0wbm |
| Ashbourne | 22.8 | +6 | ENE | 2 | z0 | 66 | 59 | 6 | 8 | – | · | 6 | 4 | 6 | 15 | 25 | 0 | * | cm0bcz0 | bcz0prcz0 | bm0 | cf |
| Snaith | 23.3 | 0 | E'S | 2 | c | 68 | 61 | 7 | 4 | 6 | · | 6 | 3 | 5 | 25 | 40 | 0 | * | cm0z0 | bcz0bccz | cm0 | cm0id0f |
| Spurn Head | 23.4 | 0 | ENE | 3 | b-bc | 62 | 59 | 7 | 1 | – | · | 3 | 1 | – | 40 | – | 0 | 2 | om0 | bc | om0 | |
| Catterick (Sc.) | 23.1 | 0 | NE | 3 | z0 | 66 | 61 | 5 | 5 | – | · | 4 | 4 | – | 35 | – | 0 | * | cm0cz0 | cz0cm0 | bcm0cm | bcm0cm0 |
| Tynemouth | 24.2 | –4 | NNE | 2 | z0 | 61 | 59 | 6 | 2 | – | · | 3 | 3 | – | 23 | – | 1 | 2 | off | offocbcm0 | bccm0 | com0 |
| Acklington | 23.7 | –4 | ESE | 2 | c-bc | 61 | 57 | 7 | 5 | – | · | 5 | 5 | – | 10 | – | 0 | | | cm0cbc | bcbfgcm0 | cbm0jfF |
| St. Abb's Head | 23.3 | –8 | SSE | 2 | b | 60 | 56 | 7 | 1 | – | – | 1 | 1 | – | 25 | – | 0 | 1* | Fcm0jf | cfjfbmb | bmbcm0 | bcmbjfF |
| Leuchars | 23.5 | –2 | E | 3 | b | 63 | 59 | 7 | – | – | · | 0 | 0 | · | – | · | 1 | * | cm0c | cbcb | cm0 | cm0cm0f |
| Montrose | 24.7 | 0 | S | 3 | z0 | 61 | 58 | 6 | 5 | – | – | 4 | 3 | 4 | 9 | 15 | 0 | * | cm0oFcm0 | cm0bcm0 | bcm0 | cm0 |
| Abbotsinch | 21.7 | +2 | NE | 2 | z0 | 66 | 60 | 6 | 8 | – | · | 7 | 7 | – | 20 | – | 1 | * | bcm0 | prbccm0 | oprm0bcm0 | bcmcm0 |
| Prestwick | 21.9 | –2 | W | 3 | z0 | 68 | 59 | 6 | 2 | 6 | 2 | 4 | 2 | 1 | 25 | · | 0 | * | bm0wbc | cr0boz0 | bcz0bm0 | bm0cm0 |
| West Freugh | 21.8 | –22 | SSE | 2 | b-bc | 66 | 56 | 7 | 1 | 4 | 1 | 3 | 1 | 1 | 20 | – | 1 | * | cm0bc | bm0bcb | bbccm0 | bcm0cm0 |
| Eskdalemuir | 22.0 | 0 | S'E | 2 | z0 | 66 | 58 | 6 | 7 | – | · | 6 | 6 | – | 33 | – | 0 | * | cm0c | ccm0 | cm0wbcf | bcfmw |
| Jurby, I. of Man | 22.3 | –2 | W | 2 | b-bc | 65 | 56 | 7 | – | 4 | – | 3 | 4 | 3 | 150 | – | 0 | * | bcm0wcb | ccbcb | cm0 | bcm0 |
| Machrihanish | 21.4 | +2 | SE'S | 4 | bc | 67 | 59 | 7 | – | – | 9 | 4 | 3 | – | 150 | · | 0 | 3 | zc | zbc | bcz | irzc |
| Tiree | 20.4 | –8 | SE'S | 3 | z0 | 63 | 59 | 6 | – | – | 6 | 4 | 4 | – | – | – | 0 | 2 | cbm0bm0 | bm0 | bcm0 | cir0cd0d0 |
| Oban | 21.8 | 0 | NNE | 1 | pr | 67 | 62 | 7 | 3 | – | · | 6 | 6 | – | 25 | – | 0 | 1 | cm0 | cz0bc | cpr0bcm0 | cbcm0ir0m |
| Stornoway | 20.9 | –4 | ESE | 1 | z0 | 65 | 59 | 7 | – | 2 | 1 | 2 | 2 | 1 | 80 | – | 0 | 1 | oFcm0jf | cjfbcjfbc | bm0cjfm0 | bcm0ir0m0 |
| Cape Wrath | 21.9 | –2 | N | 1 | c-bc | 63 | 47 | 7 | 8 | 6 | · | 5 | 4 | – | 15 | – | 0 | 1 | cjf | cjfc | cbc | bcc |
| Dalwhinnie | 21.5 | 0 | S | 3 | z0 | 65 | 52 | 6 | 8 | – | · | 3 | 3 | – | 25 | · | 0 | * | oc | cbc | * | |
| Aberdeen | 23.8 | –2 | S | 2 | bjf | 61 | 57 | 7 | 5 | – | · | 1 | 1 | – | 5 | – | 1 | 1 | bcfcm0jf | cm0bcjf | bccm0 | com0 |
| Fraserburgh | 24.0 | +2 | S'E | 3 | z0 | 59 | 57 | 6 | 5 | – | · | 8 | 7 | 8 | 6 | 15 | 0 | | cmFcm0 | cm0ccm0 | cm0m0F | OFid0cm0 |
| Alness | 21.3 | –2 | NNE | 2 | z0 | 67 | 62 | 6 | 1 | – | · | 3 | 1 | 2 | 8 | 25 | 0 | * | cm0bcbz | bm0F | bcm0cm0 | cm0 |
| Wick | 22.2 | +10 | ESE | 4 | b-bcjf | 58 | 56 | 7 | 5 | – | · | 3 | 3 | – | 2 | · | 0 | * | Fbm0Fcm0F | Fbcjf | bcFcmFd | FFcm0 |
| Hatston | 24.0 | +4 | SE'E | 4 | b-bc | 61 | 56 | 7 | 1 | – | · | 3 | 2 | – | 20 | – | * | * | c | cbc | c | c |
| Sumburgh | 25.3 | +2 | E | 1 | c | 57 | 51 | 9 | 5 | – | · | 7 | 7 | – | 30 | – | 0 | 2 | cv | cv | cv | cv |
| Sullom Voe | 25.4 | +4 | E'N | 3 | c | 57 | 51 | 8 | 5 | – | · | 8 | 8 | – | 20 | – | 0 | * | c | c | c | c |
| Blacksod Point | 16.5 | –6 | SSE | 5 | ir | 61 | 59 | 6 | 6 | 2 | – | 8 | 4 | – | 8 | – | 1 | 3 | r | + | c | bc |
| Malin Head | 20.7 | –6 | SE'E | 4 | c | 61 | 60 | 8 | 6 | 2 | – | 8 | 4 | – | 8 | · | 2 | 4 | bc | + | r | |
| Aldergrove | 21.0 | +2 | SE | 4 | c-bc | 66 | 58 | 7 | – | 5 | 5 | 5 | 4 | 3 | – | · | 1 | * | cbm0cz0 | cbc | bccz cm0 | r0m0cm0z |
| Cas. Archdale | 20.3 | +2 | SE'S | 2 | c/pr | 66 | 59 | 8 | 8 | 6 | 9 | 6 | 3 | 4 | 20 | 40 | 1 | * | cv | cvcvycprc | cbr0id0m0 | c |
| Birr Castle | 20.0 | 0 | S | 2 | ir | 60 | 58 | 7 | 5 | – | · | 8 | 8 | – | 15 | – | 1 | * | pr | + | r | c |
| Collinstown | 21.4 | +2 | SW | 3 | c | 65 | 58 | 8 | 7 | 3 | – | 6 | 4 | – | 48 | – | 0 | * | c | + | c | c |
| Foynes | 18.5 | –6 | SE'E | 4 | c | 62 | 58 | 8 | 5 | 7 | · | 7 | 4 | – | 14 | – | 1 | * | r | + | | b |
| Valentia | 18.1 | –2 | SSE | 5 | ir0 | 61 | 59 | 6 | 6 | 2 | · | 8 | 5 | – | 15 | – | 1 | 4 | r | d | bc | c |
| Roches Point | 20.7 | –6 | SE'E | 4 | c | 61 | 60 | 8 | 6 | 2 | · | 8 | 4 | – | 8 | – | 2 | 4 | r | + | bc | bc |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil  1 = Trace  2 = 1/10  3 = 1/4  4 = 1/2  5 = 3/4  6 = 9/10  7 = More than 9 but with openings.  8 = Completely covered.  9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

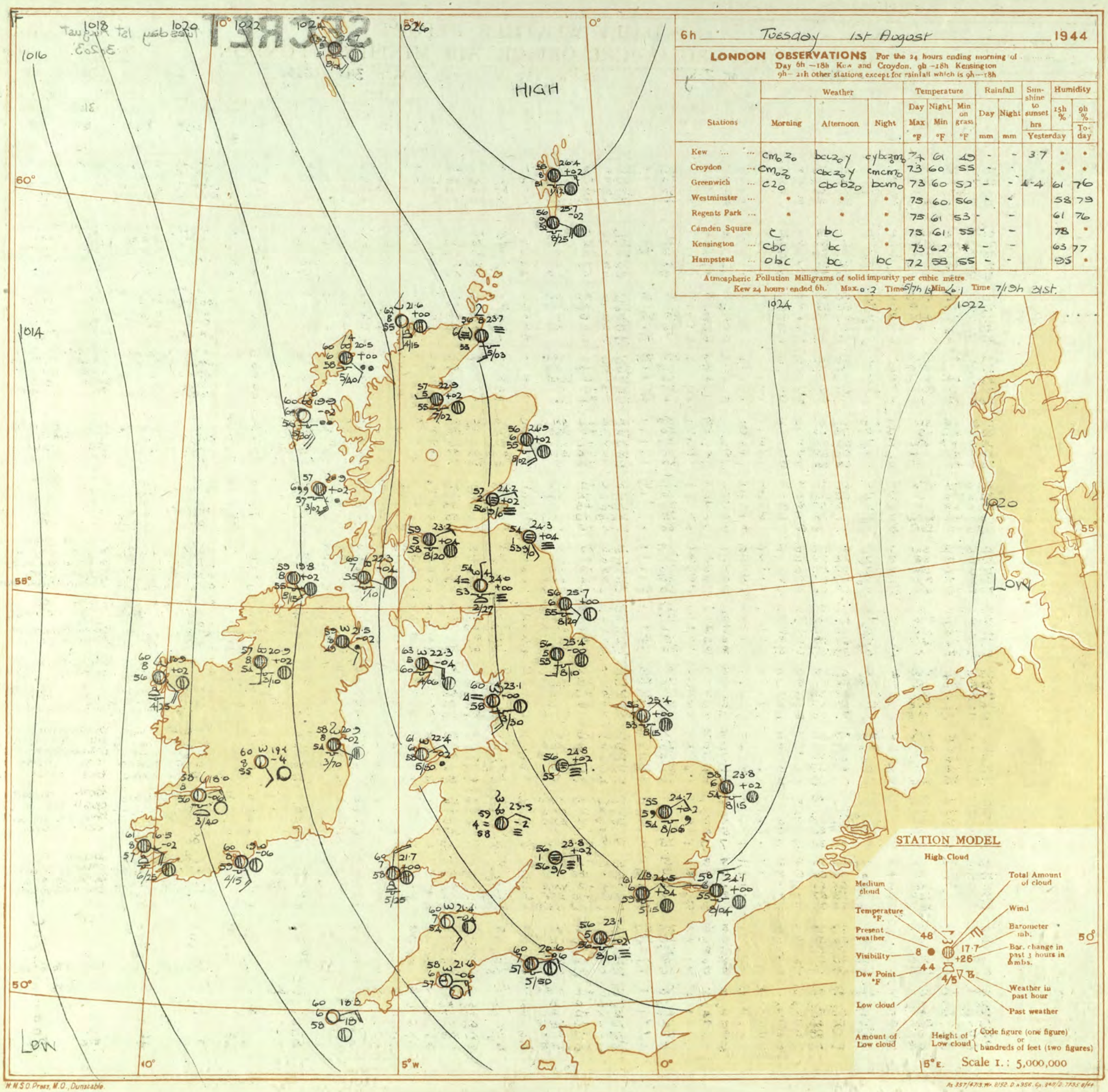
NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Tuesday 1st August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of .....
Day 6h –18h Kew and Croydon. 9h –18h Kensington
9h– 21h other stations except for rainfall which is 9h—18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs (Yesterday) | Humidity 15h % (Yesterday) | Humidity 9h % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | cm6 2o | bcu2o y | cybz8m0 | 74 | 61 | 49 | - | - | 3.7 | • | • |
| Croydon ... | cm0 2o | cbc2o y | cmcm0 | 73 | 60 | 55 | - | - | | • | • |
| Greenwich ... | c2o | cbc b2o | bcm0 | 73 | 60 | 52 | - | - | 4.4 | 61 | 76 |
| Westminster ... | • | • | • | 75 | 60 | 56 | - | - | | 58 | 79 |
| Regents Park ... | • | • | • | 75 | 61 | 53 | - | - | | 61 | 76 |
| Camden Square | c | bc | • | 75 | 61 | 55 | - | - | | 78 | • |
| Kensington ... | cbc | bc | • | 73 | 62 | * | - | - | | 63 | 77 |
| Hampstead ... | obc | bc | bc | 72 | 58 | 55 | - | - | | 95 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max. 0.2 Time 5/7h Min 0.1 Time 7/9h 31st.



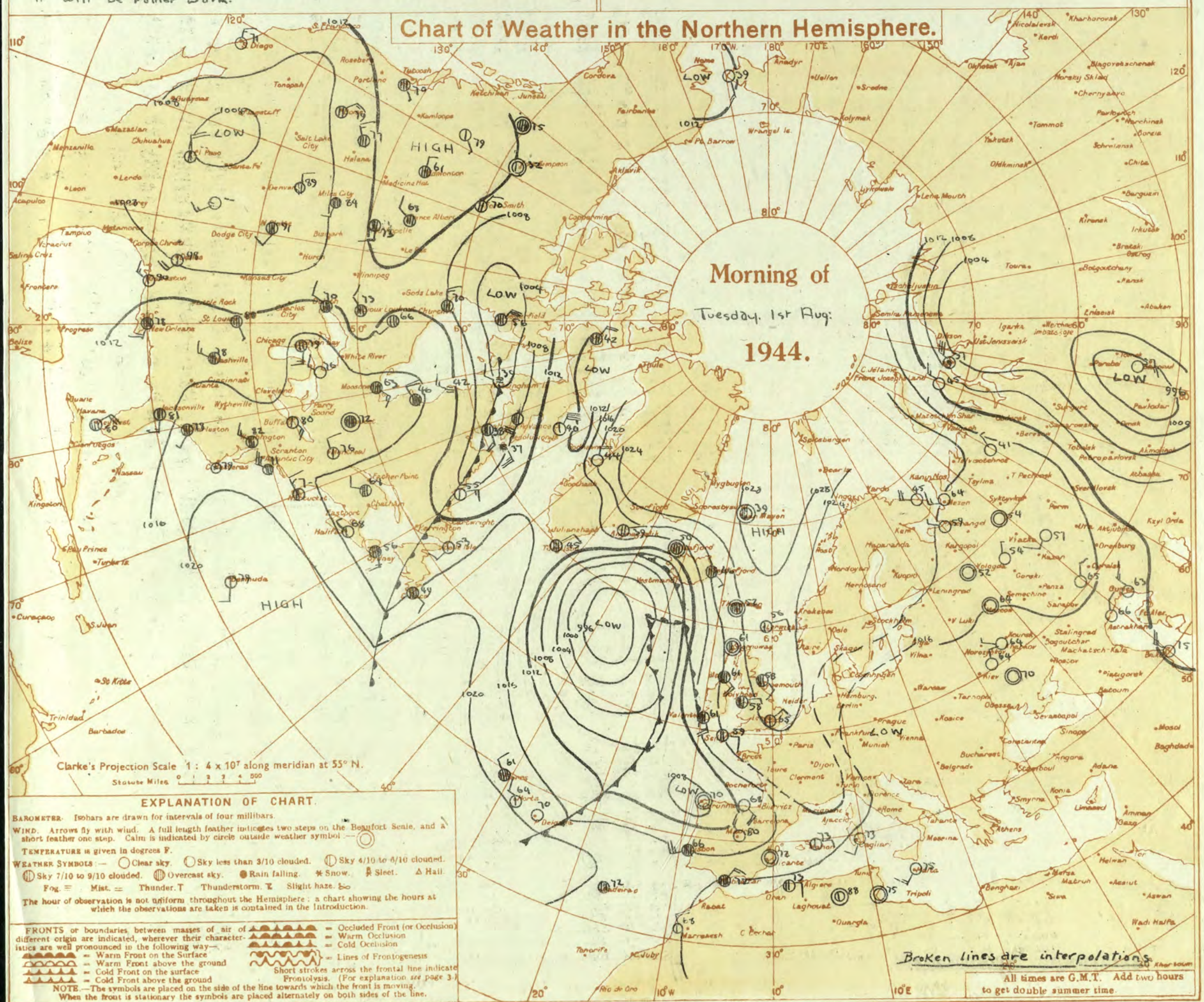

H.M.S.O. Press, M.O., Dunstable.

## GENERAL INFERENCE

A ridge of high pressure extending from north over Eastern districts of England is moving slowly eastwards. A trough of low pressure is developing in the Bay of Biscay, and moving slowly northwards. There will be some light local rain in Northwestern districts at first and there is a chance of thundery rain breaking out in the Bay of Biscay and spreading to Southwest England later. Elsewhere weather will be fair but there will be much low cloud at first in Eastern and Midland districts. This will disperse during the afternoon except locally on east coasts, but will return extensively during the night. It will be rather warm.

## FURTHER OUTLOOK

Thundery rain spreading from south west to Southern England. Fair elsewhere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere ; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Tuesday 1st August 1944

No. 30203

## OBSERVATIONS at 00hr. G.M.T. 1st August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A. 0–9 (13) | Cloud Amount Low B. 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 63 | * | * | * | * | * | * | * | * | * | * |
| | Croydon ... | 217 | 24·1 | +10 | ENE | 2 | Nb | 65 | 59 | 9 | – | – | – | 2 | 2 | – | – | – |
| | Boscombe Down | 417 | 23·7 | 0 | – | 0 | m | 61 | 60 | 4 | – | 7 | – | 1 | 1 | – | – | – |
| | Thorney Island | 10 | 23·6 | 0 | – | 0 | bf | 58 | 57 | 2 | – | – | 1 | 2 | 2 | – | – | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 24·0 | +6 | NE | 1 | m | 59 | 59 | 4 | 5 | – | – | 8 | 8 | – | 9 | – |
| | Manston ... | 140 | 24·3 | +6 | NE | 2 | Nb | 60 | 58 | 5 | 5 | – | – | 8 | 3 | 8 | 4 | 8 |
| 2 | North Weald | 244 | 24·9 | +10 | E | 1 | m | 59 | 58 | 4 | 5 | – | – | 8 | 8 | – | 4 | – |
| | Felixstowe ... | 10 | 24·3 | +6 | NNE | 2 | Nb | 58 | 56 | 6 | 5 | – | – | 8 | 8 | – | 9 | – |
| | Gorleston ... | 5 | 24·4 | +12 | NW | 1 | Nb | 58 | 55 | 6 | 5 | – | – | 8 | 8 | – | 14 | – |
| | Mildenhall | 15 | 24·7 | +6 | NE'E | 2 | m | 56 | 55 | 4 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Bircham Newton | 221 | 24·9 | +2 | ENE | 2 | Nb | 56 | 56 | 5 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Cranwell ... | 203 | 25·4 | +12 | E'S | 2 | Nb | 57 | 47 | 5 | 5 | – | – | 8 | 8 | – | 4 | – |
| 3 | Cranfield ... | 340 | 24·6 | +10 | NE | 2 | F+ | 59 | 58 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Honiley ... | 427 | 24·1 | +6 | E | 3 | Nb | 60 | 58 | 5 | – | 7 | – | 1 | 1 | – | – | – |
| 4 | Little Rissington | 731 | 23·8 | +2 | SSE | 2 | Nb | 59 | 56 | 5 | – | – | 8 | 4 | 4 | – | – | – |
| | Shobden ... | 318 | 23·7 | +4 | N | 1 | Nb | 62 | 61 | 5 | – | 5 | – | 5 | 5 | – | – | – |
| 5 | Bristol ... | 209 | 23·5 | +2 | SE | 1 | Nb | 63 | 60 | 6 | – | 7 | – | 7 | 7 | – | 90 | – |
| | Chivenor ... | 20 | 22·6 | 0 | E | 1 | C | 63 | 59 | 7 | 5 | 7 | – | 7 | 4 | 7 | 45 | – |
| | Yeovilton | 50 | 23·1 | +4 | – | 0 | Nb | 61 | 61 | 5 | 5 | 3 | – | 5 | 3 | 5 | 25 | 40 |
| | Portland Bill | 32 | 23·4 | +6 | N | 2 | C | 61 | 58 | 7 | 5 | 7 | – | 8 | 5 | 8 | 50 | 72 |
| | Exeter ... | 100 | 23·4 | +4 | SSE | 1 | Nb | 62 | 57 | 6 | 5 | – | – | 8 | 4 | – | 40 | – |
| | Plymouth ... | 86 | 23·1 | +4 | SE | 1 | Nb | 57 | 57 | 6 | – | 7 | 1 | 4 | 3 | 2 | – | – |
| | St. Eval ... | 345 | 22·7 | –2 | SE | 3 | bc | 59 | 54 | 7 | – | 8 | 2 | 4 | 4 | 2 | – | – |
| | The Lizard | 240 | 22·0 | –2 | E'N | 2 | ebc | 59 | 59 | 7 | 2 | – | – | 5 | 5 | – | 25 | – |
| | Scilly, St. Marys | 163 | 21·5 | –4 | E | 2 | bc | 59 | 57 | 8 | – | 4 | 5 | 4 | 4 | – | – | – |
| 6 | Fairwood ... | 268 | 22·9 | –2 | NE | 1 | Nb | 62 | 61 | 5 | – | 3 | – | 6 | 6 | – | – | – |
| | Pembroke ... | 142 | 23·1 | +2 | – | 0 | C | 60 | 58 | 8 | 8 | – | – | 7 | 7 | – | 25 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 22·7 | +2 | – | 0 | C | 59 | 57 | 7 | – | 7 | – | 7 | 7 | – | – | – |
| | Holyhead, Valley | 32 | 23·7 | +2 | E | 1 | Nb | 58 | 55 | 6 | – | 3 | – | 7 | 7 | – | – | – |
| | Hawarden | 15 | 23·5 | +6 | – | 0 | Nb | 62 | 59 | 5 | 5 | – | – | 6 | 6 | – | 25 | – |
| 8 | Manchester | 230 | 23·6 | +2 | SE | 2 | Nb | 58 | 57 | 5 | 5 | – | – | 3 | 3 | – | 15 | – |
| | Squires Gate | 30 | 23·5 | +2 | ESE | 2 | Nb | 61 | 58 | 5 | – | – | 2 | 4 | 4 | – | 200 | – |
| | Silloth ... | 25 | 23·9 | +6 | ENE | 1 | m | 57 | 57 | 4 | 5 | – | 6 | 5 | 3 | 5 | 35 | – |
| 9 | Ashbourne ... | 590 | 24·8 | +8 | ENE | 3 | cf+ | 59 | 58 | 3 | 5 | – | – | 7 | 5 | – | 3 | – |
| | Snaith ... | 30 | 25·6 | +10 | E | 3 | Nb | 58 | 56 | 6 | 5 | – | – | 8 | 5 | 8 | 7 | 40 |
| 10 | Spurn Head | 29 | 25·4 | +4 | NE | 2 | Nb | 56 | 55 | 6 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Catterick (Sc.) | 195 | 25·3 | +6 | – | 0 | Nb | 58 | 58 | 5 | 5 | – | – | 6 | 6 | – | 30 | – |
| | Tynemouth | 108 | 26·1 | +6 | SE | 2 | Nb | 58 | 57 | 6 | 8 | – | – | 6 | 6 | – | 25 | – |
| | Acklington | 138 | 25·4 | +2 | SSE | 2 | Nb | 57 | 56 | 6 | 5 | – | – | 8 | 5 | 8 | 5 | 8 |
| 11 | St. Abb's Head | 280 | 24·3 | +4 | S | 2 | Nb | 55 | 53 | 6 | 5 | 4 | – | 4 | 3 | 2 | 25 | – |
| | Leuchars ... | 31 | 24·5 | +2 | – | 0 | Nb | 57 | 56 | 5 | 5 | 3 | – | 5 | 3 | 3 | 40 | – |
| | Montrose ... | 22 | 26·2 | +6 | SSE | 2 | Nb | 58 | 57 | 5 | 5 | – | – | 8 | 8 | – | 7 | – |
| 12 | Abbotsinch | 19 | 23·0 | +4 | – | 0 | Nb | 57 | 56 | 5 | 5 | 3 | 1 | 3 | 3 | 1 | 20 | – |
| | Prestwick ... | 30 | 23·3 | +4 | E | 2 | Nb | 59 | 55 | 6 | – | 3 | – | 3 | 3 | – | 80 | – |
| | West Freugh | 53 | 22·8 | +2 | SE | 2 | Nb | 60 | 58 | 5 | 5 | 3 | – | 7 | 4 | 7 | 45 | – |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 22·8 | –2 | SE | 2 | Nb | 61 | 56 | 6 | 5 | 7 | – | 6 | 4 | 6 | 35 | – |
| 13A | Machrihanish | 35 | 22·1 | 0 | SE | 4 | Nb | 59 | 57 | 6 | 5 | 7 | – | 5 | 1 | 5 | 8 | – |
| | Tiree ... | 44 | 20·7 | +2 | S | 4 | C | 59 | 56 | 6 | 5 | 3 | – | 6 | 4 | 4 | 30 | – |
| | Oban ... | 74 | 22·8 | +6 | – | 0 | C | 60 | 58 | 7 | 5 | 3 | – | 6 | 3 | 6 | 25 | – |
| 13B | Stornoway ... | 12 | 21·1 | 0 | – | 0 | Nb | 61 | 59 | 5 | 5 | 3 | 2 | 4 | 2 | 4 | 20 | – |
| | Cape Wrath | 367 | 22·2 | +2 | ESE | 2 | bc | 53 | 48 | 7 | 7 | 4 | – | 4 | 4 | – | 15 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 25·0 | +6 | SSE | 2 | Nb | 58 | 56 | 5 | 5 | – | – | 8 | 8 | – | 6 | – |
| | Fraserburgh | 76 | 25·2 | +6 | SSE | 4 | f | 55 | 55 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Alness ... | 63 | 22·9 | +8 | – | 0 | Nb | 56 | 55 | 5 | 5 | – | 1 | 3 | 3 | 1 | 2 | – |
| | Wick ... | 114 | 24·4 | +6 | SE | 4 | df | 55 | 55 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| 16 | Hatston ... | 45 | 24·9 | +2 | SE'E | 5 | Nb | 56 | 52 | 6 | 5 | – | – | 8 | 4 | 8 | 5 | 15 |
| | Sumburgh ... | 15 | 26·2 | +6 | ESE | 8 | c | 56 | 52 | 9 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Sullom Voe | 12 | 26·5 | +4 | E | 2 | c | 56 | 51 | 8 | 5 | – | – | 8 | 8 | – | 15 | – |
| 17 | Blacksod Point * | 18 | 17·2 | +6 | S | 6 | c | 63 | 55 | 6 | 6 | – | – | 8 | 8 | – | 8 | – |
| 18 | Malin Head * | 84 | 20·4 | +10 | SE | 4 | 16 | 61 | 56 | 7 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Aldergrove | 294 | 22·0 | +2 | SSE | 3 | Nb | 59 | 55 | 6 | 5 | – | – | 8 | 3 | 8 | 30 | 40 |
| | Cas. Archdale | 240 | 21·0 | 0 | SSE | 3 | ido | 57 | 57 | 7 | 5 | – | – | 8 | 4 | 8 | 6 | 25 |
| 19 | Birr Castle ... * | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown * | 220 | 22·1 | 0 | SE | 3 | c/pc | 58 | 54 | 8 | 5 | 7 | – | 8 | 3 | – | 40 | – |
| 20 | Foynes ... * | 3 | 18·9 | –2 | SSE | 2 | c | 62 | 57 | 8 | 5 | 3 | – | 7 | 4 | – | 57 | – |
| | Valentia ... * | 30 | 18·4 | –2 | SSE | 5 | c | 61 | 56 | 8 | 5 | 3 | – | 6 | 3 | – | 21 | – |
| | Roches Point * | 22 | 21·3 | +2 | SE'S | 3 | bc | 59 | 58 | 8 | 5 | 3 | – | 4 | 2 | – | 15 | – |

* Minimum Temperatures and Rainfall read at 0700 G.M.T.

## OBSERVATIONS at 06hr. G.M.T. 1st August

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A. 0–9 (29) | Cloud Amount Low B. 0–9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 23·8 | –2 | NE | 2 | Nb | 62 | 59 | 5 | 5 | – | – | 8 | 8 | – | 18 | – | 1 | * |
| | Croydon ... | 24·5 | +4 | ENE | 2 | Nb | 61 | 58 | 6 | 5 | 2 | – | 8 | 5 | 8 | 15 | – | 1 | * |
| | Boscombe Down | 23·7 | +2 | SE | 4 | F | 57 | 57 | 1 | – | – | – | 9 | 9 | – | 0 | – | 0 | * |
| | Thorney Island | 23·1 | –2 | ENE | 2 | c/f | 56 | 56 | 5 | 5 | – | – | 8 | 8 | – | 1 | – | 0 | * |
| | Friston ... | | | | | | | | | | | | | | | | | | * |
| | Lympne ... | 24·2 | +2 | NE | 2 | m | 57 | 55 | 4 | 5 | – | – | 8 | 8 | – | 6 | – | 0 | §3 |
| | Manston ... | 24·1 | 0 | NNE | 3 | Nb | 58 | 55 | 6 | 5 | – | – | 8 | 8 | – | 4 | – | 0 | * |
| 2 | North Weald | 24·7 | –2 | NE'N | 3 | Nb | 58 | 55 | 5 | 5 | – | – | 7 | 6 | 7 | 8 | 15 | 0 | * |
| | Felixstowe ... | 24·2 | 0 | NNE | 2 | Nb | 56 | 55 | 6 | 5 | – | – | 8 | 8 | – | 10 | – | 0 | 1 |
| | Gorleston ... | 23·8 | +2 | N | 1 | Nb | 58 | 54 | 6 | 5 | – | – | 8 | 8 | – | 15 | – | 0 | 2 |
| | Mildenhall | 24·7 | +2 | NE'E | 2 | ido | 55 | 54 | 5 | 5 | – | – | 8 | 8 | – | 6 | – | 0 | * |
| | Bircham Newton | 24·9 | –2 | NNE | 2 | Nb | 56 | 54 | 6 | 5 | – | – | 8 | 8 | – | 6 | – | 1 | * |
| | Cranwell ... | 25·1 | 0 | E'S | 1 | f | 54 | 54 | 3 | – | – | – | 9 | 9 | – | 0 | – | 0 | * |
| 3 | Cranfield ... | 24·1 | –2 | NE | 2 | m | 56 | 55 | 4 | 5 | – | – | 8 | 8 | – | 3 | – | 0 | * |
| | Honiley ... | 24·2 | +4 | ESE | 3 | f | 55 | 55 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| 4 | Little Rissington | 23·8 | +2 | E | 3 | F | 56 | 56 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| | Shobden ... | 23·5 | –2 | ENE | 2 | m | 59 | 58 | 4 | – | 7 | 9 | 6 | 4 | 4 | – | – | 0 | * |
| 5 | Bristol ... | 23·0 | –2 | SE | 1 | Nb | 59 | 58 | 5 | – | 7 | – | 3 | 3 | – | 120 | – | 0 | * |
| | Chivenor ... | 21·4 | –4 | SE | 3 | bbc | 60 | 54 | 7 | – | 3 | – | 3 | 3 | – | 80 | – | 0 | * |
| | Yeovilton | 22·6 | –4 | – | 0 | m | 57 | 57 | 4 | – | 3 | 2 | 3 | 2 | 3 | 100 | – | 0 | * |
| | Portland Bill | 20·6 | –6 | E | 2 | ebc | 60 | 57 | 7 | 5 | – | – | 5 | 5 | – | 50 | – | 1 | 3 |
| | Exeter ... | 25·5 | 0 | – | 0 | fg | 54 | 53 | 6 | – | – | – | 0 | 0 | – | – | – | 0 | * |
| | Plymouth ... | 21·6 | –6 | E | 3 | Nb | 58 | 57 | 6 | – | 3 | – | 2 | 2 | – | – | – | 0 | 1 |
| | St. Eval ... | 18·9 | –14 | SSE | 5 | bbc | 59 | 54 | 7 | – | 7 | 1 | 3 | 3 | 1 | – | – | 0 | * |
| | The Lizard | 19·6 | –8 | E | 4 | Nb | 60 | 58 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | 3 |
| | Scilly, St. Marys | 18·3 | –18 | E'N | 4 | b | 60 | 58 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | 3 |
| 6 | Fairwood ... | 21·8 | +2 | ESE | 3 | Nb | 62 | 60 | 5 | – | 3 | – | 3 | 3 | – | – | – | | |
| | Pembroke ... | 21·7 | 0 | NE | 4 | ebc | 60 | 58 | 7 | 8 | – | – | 5 | 5 | – | 25 | – | 1 | 2 |
| | Aberporth ... | 21·1 | –8 | SSE | 4 | Nb | 62 | 58 | 6 | – | 8 | – | 4 | 4 | – | 140 | – | 0 | 3 |
| 7 | Penrhos ... | 21·4 | –2 | SSE | 1 | Nb | 63 | 59 | 6 | 5 | 7 | 9 | 7 | 1 | 5 | 30 | – | 0 | 1 |
| | Holyhead, Valley | 22·4 | –2 | ENE | 1 | Nb | 61 | 58 | 6 | – | 3 | – | 5 | 5 | – | 100 | – | 0 | 1 |
| | Hawarden | 23·5 | –2 | SE | 2 | m | 60 | 58 | 4 | 5 | – | – | 8 | 8 | – | 12 | – | 0 | * |
| 8 | Manchester | 23·7 | +2 | – | 0 | c | 58 | 57 | 6 | 5 | – | – | 7 | 7 | – | 30 | – | 0 | * |
| | Squires Gate | 23·1 | 0 | SSE | 3 | m | 60 | 58 | 4 | 5 | 3 | – | 4 | 3 | 4 | 30 | – | 0 | * |
| | Silloth ... | 23·4 | –2 | ENE | 4 | Nb | 56 | 56 | 5 | – | – | 9 | 2 | 2 | – | – | – | 0 | * |
| 9 | Ashbourne ... | 24·8 | +2 | E | 2 | F+ | 56 | 55 | 1 | – | – | – | 9 | 9 | – | 0 | – | 0 | * |
| | Snaith ... | 25·9 | +2 | E | 1 | df | 54 | 54 | 2 | – | – | – | 9 | 9 | – | 0 | – | | * |
| 10 | Spurn Head | 25·4 | 0 | NE | 2 | o | 58 | 56 | 7 | 5 | – | – | 8 | 8 | – | 15 | – | 0 | 2 |
| | Catterick (Sc.) | 25·4 | 0 | SN | 3 | Nb | 56 | 55 | 5 | 5 | – | – | 8 | 8 | – | 10 | – | 0 | * |
| | Tynemouth | 25·7 | 0 | SE | 2 | Nb | 56 | 55 | 6 | 5 | – | – | 8 | 8 | – | 20 | – | 1 | 2 |
| | Acklington | 25·2 | +2 | SE | 2 | Nb | 55 | 55 | 5 | 5 | – | – | 8 | 8 | – | 4 | – | 0 | * |
| 11 | St. Abb's Head | 24·3 | +4 | SSE | 2 | F | 54 | 53 | 1 | – | – | – | 9 | 9 | – | 0 | – | 0 | 2 |
| | Leuchars ... | 24·2 | +2 | ENE | 1 | F | 57 | 56 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| | Montrose ... | 26·0 | +4 | SSE | 2 | ido | 56 | 56 | 5 | 5 | – | – | 8 | 6 | 8 | 6 | 15 | 0 | * |
| 12 | Abbotsinch | 23·2 | +4 | ENE | 1 | Nb | 59 | 58 | 5 | 5 | – | – | 8 | 8 | – | 20 | – | 1 | * |
| | Prestwick ... | 23·1 | –2 | ESE | 1 | Nb | 61 | 57 | 5 | 5 | 7 | – | 5 | 3 | 5 | 50 | – | 0 | * |
| | West Freugh | 22·2 | –6 | ESE | 3 | Nb | 61 | 59 | 5 | 5 | – | – | 8 | 8 | – | 30 | – | 1 | * |
| | Eskdalemuir | 24·0 | 0 | N | 1 | m | 54 | 53 | 4 | 7 | 3 | – | 4 | 2 | 4 | 27 | – | 1 | * |
| | Jurby, I. of Man | 22·3 | –4 | ESE | 4 | Nb | 62 | 60 | 5 | 5 | 3 | – | 6 | 4 | 3 | 6 | 25 | 0 | * |
| 13A | Machrihanish | 22·3 | –4 | SE'E | 2 | c | 60 | 55 | 7 | 5 | 7 | – | 8 | 1 | 4 | 10 | 37 | 0 | 1 |
| | Tiree ... | 20·9 | +2 | SSE | 5 | ddo | 57 | 57 | 6 | 5 | – | – | 8 | 3 | 8 | 2 | 8 | 1 | 4 |
| | Oban ... | 22·8 | +2 | – | 0 | c/r | 60 | 58 | 6 | 5 | 7 | – | 8 | 7 | 8 | 50 | – | 1 | 1 |
| 13B | Stornoway ... | 20·5 | 0 | SE | 2 | c/r | 60 | 58 | 6 | 5 | 7 | – | 7 | 5 | 4 | 40 | – | 1 | 1 |
| | Cape Wrath | 21·6 | 0 | S | 1 | bc | 62 | 55 | 8 | 2 | 4 | – | 4 | 4 | – | 15 | – | 0 | 1 |
| 15 | Dalwhinnie | | | | | | | | | | | | | | | | | | * |
| | Aberdeen† ... | 24·8 | +2 | SE | 3 | Nb | 57 | 54 | 6 | 5 | – | – | 8 | 8 | – | 15 | – | 1 | 2 |
| | Fraserburgh | 24·9 | +2 | SN | 3 | Nb | 56 | 54 | 5 | 5 | – | – | 8 | 7 | 8 | 6 | 8 | 0 | |
| | Alness ... | 22·9 | +2 | W | 1 | Nb | 57 | 55 | 5 | 5 | – | – | 7 | 7 | – | 2 | – | 0 | * |
| | Wick ... | 23·7 | 0 | SSE | 3 | cjf | 56 | 55 | 6 | 5 | – | 6 | 8 | 5 | 8 | 3 | – | 0 | * |
| 16 | Hatston ... | 24·4 | +2 | SE'E | 4 | Nb | 57 | 54 | 6 | 5 | – | – | 8 | 4 | 8 | 4 | 15 | * | * |
| | Sumburgh ... | 25·7 | –2 | ESE | 4 | c | 56 | 52 | 9 | 5 | – | – | 8 | 8 | – | 25 | – | 0 | 2 |
| | Sullom Voe | 26·4 | +2 | E | 3 | c | 55 | 51 | 8 | 5 | – | – | 8 | 1 | 8 | 12 | 25 | 0 | * |
| 17 | Blacksod Point * | 16·9 | +2 | SE'E | 4 | ebc | 60 | 56 | 8 | 8 | 5 | – | 5 | 4 | – | 25 | – | 1 | 3 |
| 18 | Malin Head * | 19·8 | +2 | SSE | 1 | c | 59 | 55 | 8 | 5 | – | – | 8 | 8 | – | 15 | – | 1 | 2 |
| | Aldergrove | 21·5 | –2 | SE | 2 | c | 59 | 49 | 8 | – | 3 | – | 8 | 8 | – | – | – | 0 | * |
| | Cas. Archdale | 20·9 | +2 | S | 2 | c | 57 | 54 | 8 | 5 | 7 | – | 6 | 3 | 4 | 10 | 25 | 1 | * |
| 19 | Birr Castle ... * | 19·1 | –4 | SE | 2 | bbc | 60 | 55 | 8 | – | 3 | – | 3 | – | – | – | – | 1 | * |
| | Collinstown * | 20·9 | –2 | ESE | 3 | c | 58 | 54 | 8 | 5 | 9 | – | 7 | 3 | – | 70 | – | 0 | * |
| 20 | Foynes ... * | 18·0 | –6 | E'N | 3 | bbc | 58 | 56 | 8 | 7 | 4 | – | 3 | 3 | – | 40 | – | 1 | |
| | Valentia ... * | 16·5 | –10 | SE'E | 4 | c | 61 | 54 | 8 | 8 | – | – | 6 | 6 | – | 25 | – | 1 | 3 |
| | Roches Point * | 19·0 | –6 | SE | 3 | bc | 60 | 59 | 8 | 5 | – | – | 4 | 4 | – | 15 | – | 1 | 3 |

Station 103 read at 0700 G.M.T.

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h–18h °F. (35) | Temperature Min. Night 18h–6h °F. (36) | Temperature Min. on Grass °F. (37) | Rainfall Day 6h–18h mm. (38) | Rainfall Night 18h–6h mm. (39) | Sunshine 31st Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 74 | 61 | 49 | – | – | 3·7 |
| Croydon ... | 73 | 60 | 55 | – | – | |
| Boscombe Down | 73 | 56 | 55 | Tr | – | 5·4 |
| Thorney Island | 71 | 52 | 49 | – | – | * |
| Friston ... | | | | | | |
| Lympne ... | 72 | 56 | * | – | – | 5·5 |
| Manston ... | 72 | 57 | 57 | – | – | 6·0 |
| North Weald | 71 | 58 | * | * | * | * |
| Felixstowe ... | 74 | 56 | 55 | – | Tr | 7·0 |
| Gorleston ... | 64 | 57 | 57 | – | – | 0·0 |
| Mildenhall | 68 | 55 | 49 | Tr | Tr | 2·6 |
| Bircham Newton | 63 | 55 | 55 | Tr | – | * |
| Cranwell ... | 71 | 52 | 54 | – | – | 2·4 |
| Cranfield ... | 69 | 56 | 49 | – | – | * |
| Honiley ... | 73 | 55 | * | – | – | * |
| Little Rissington | * | 55 | 52 | Tr | Tr | * |
| Shobden ... | 71 | 58 | 55 | – | – | * |
| Bristol ... | 72 | 52 | 51 | – | – | 4·2 |
| Chivenor ... | 70 | 58 | 53 | Tr | – | * |
| Yeovilton | 76 | 55 | 51 | – | – | * |
| Portland Bill | 64 | 57 | | – | – | * |
| Exeter ... | 74 | 53 | 50 | – | – | |
| Plymouth ... | 66 | 57 | 48 | – | – | 5·5 |
| St. Eval ... | 66 | 57 | 52 | – | – | |
| The Lizard | 67 | 58 | * | – | – | 5·9 |
| Scilly, St. Marys | 67 | 58 | | – | – | 5·8 |
| Fairwood ... | * | 61 | 59 | Tr | – | |
| Pembroke ... | 64 | 57 | | 1 | Tr | 0·0 |
| Aberporth ... | 65 | 58 | 53 | – | – | 4·2 |
| Penrhos ... | 73 | 58 | 55 | – | – | * |
| Holyhead, Valley | 68 | 56 | 54 | – | Tr | |
| Hawarden | 76 | 59 | 54 | – | – | 7·3 |
| Manchester | 76 | 55 | 49 | – | – | * |
| Squires Gate | 71 | 58 | 52 | – | * | * |
| Silloth ... | 69 | 55 | 53 | 1 | – | * |
| Ashbourne ... | 71 | 55 | 50 | Tr | – | * |
| Snaith ... | 70 | 53 | 55 | – | Tr | |
| Spurn Head | 65 | 55 | * | – | – | 4·7 |
| Catterick (Sc.) | 70 | 55 | 50 | – | Tr | 2·6 |
| Tynemouth | 63 | 56 | 51 | – | – | |
| Acklington | 62 | 55 | 53 | – | – | * |
| St. Abb's Head | 65 | 54 | * | – | – | |
| Leuchars ... | 66 | 55 | 51 | – | – | 4·5 |
| Montrose ... | 63 | 55 | 48 | – | Tr | |
| Abbotsinch | 73 | 55 | 51 | 4 | 0·6 | 4·7 |
| Prestwick ... | 72 | 58 | 52 | Tr | – | * |
| West Freugh | 67 | 58 | 44 | – | – | |
| Eskdalemuir | 72 | 51 | 47 | – | – | 2·5 |
| Jurby, I. of Man | 69 | 58 | 55 | – | – | * |
| Machrihanish | 69 | 59 | 58 | – | Tr | * |
| Tiree ... | 65 | 57 | 56 | – | 1 | 12·0 |
| Oban ... | 72 | 58 | | * | | |
| Stornoway ... | 68 | 58 | 51 | – | Tr | 8·1 |
| Cape Wrath | 68 | 55 | * | – | – | * |
| Dalwhinnie | 67 | | | – | | * |
| Aberdeen† ... | 72 | 56 | 55 | 9 | – | 5·0 |
| Fraserburgh | 62 | 54 | 55 | – | Tr | * |
| Alness ... | 71 | 54 | 45 | – | – | * |
| Wick ... | 61 | 55 | 54 | – | – | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 60 | 55 | 54 | – | – | 0·0 |
| Sullom Voe | 61 | 55 | 53 | – | – | * |
| Blacksod Point * | 65 | 58 | * | 4 | 1 | |
| Malin Head * | 71 | 58 | | – | 2 | 9·3 |
| Aldergrove | 68 | 58 | 53 | – | Tr | 9·5 |
| Cas. Archdale | 70 | 56 | 47 | 0·1 | 1 | |
| Birr Castle ... * | 66 | 56 | 53 | 1 | 2 | 0·0 |
| Collinstown * | 66 | 57 | 54 | Tr | 0·1 | 3·6 |
| Foynes ... * | 65 | 55 | 48 | 6 | – | 0·0 |
| Valentia ... * | 62 | 60 | 57 | 11 | Tr | 0·0 |
| Roches Point * | 62 | 59 | * | 3 | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 5 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 01h Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Wednesday 2nd August 1944

No. 30204

## OBSERVATIONS at 12h. G.M.T. 1st August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F (6) | Dew Point °F (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Amount Total 0-9 (12) | Amount Low A 0-9 (13) | Amount Low B 0-9 (14) | Height of Base Hundreds of feet A (15) | Height of Base Hundreds of feet B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 21.0 | -2 | NNE | 3 | zo | 66 | 55 | 6 | 5 | – | 6 | 7 | 6 | 7 | 25 | - |
| | Croydon | 21.0 | -2 | NE | 3 | zo | 64 | 57 | 6 | 5 | - | - | 8 | 5 | 8 | 18 | 25 |
| | Boscombe Down | 22.7 | -6 | ES | 2 | zo | 69 | 61 | 6 | 5 | - | - | 6 | 4 | 6 | 8 | 15 |
| | Thorney Island | 23.1 | -2 | SE | 3 | zo | 64 | 59 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 24.2 | -2 | NE | 3 | zo | 62 | 55 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Manston | 24.1 | 0 | NE | 2 | o/d | 60 | 56 | 5 | 5 | - | - | 8 | 8 | - | 9 | - |
| 2 | North Weald | 24.8 | -4 | NE | 2 | zo | 60 | 54 | 5 | 5 | - | - | 8 | 5 | 8 | 10 | 15 |
| | Felixstowe | 24.6 | +2 | ENE | 2 | zo | 63 | 58 | 6 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Gorleston | 24.6 | 0 | N | 2 | ido | 59 | 55 | 7 | 6 | - | - | 8 | 8 | - | 8 | - |
| | Mildenhall | 24.8 | -2 | ENE | 2 | e | 60 | 55 | 7 | 5 | - | - | 8 | 8 | - | 18 | - |
| | Bircham Newton | 21.1 | +2 | ENE | 2 | c | 58 | 55 | 7 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Cranwell | 25.8 | -6 | ENE | 1 | zo | 60 | 55 | 5 | 5 | - | - | 8 | 4 | 8 | 8 | 8 |
| | Cranfield | 24.6 | +2 | NE | 2 | zo | 58 | 54 | 6 | 5 | - | - | 8 | 8 | - | 7 | - |
| 3 | Honiley | 24.2 | -6 | ENE | 3 | zo | 61 | 57 | 6 | 5 | - | - | 7 | 7 | 4 | 15 | - |
| 4 | Little Rissington | 23.3 | -6 | E'N | 2 | zo | 63 | 58 | 6 | 5 | - | - | 5 | 5 | - | 5 | - |
| | Shobden | 23.8 | -2 | ESE | 2 | c/s/s | 63 | 59 | 5 | 5 | - | - | 8 | 4 | 8 | 8 | 13 |
| 5 | Bristol | 23.1 | -4 | E | 3 | z. | 65 | 60 | 6 | 5 | - | - | 8 | 3 | 8 | 6 | 40 |
| | Chivenor | 20.9 | -2 | SE'S | 4 | b-bc | 73 | 58 | 7 | 1 | - | - | 3 | 3 | - | 30 | - |
| | Yeovilton | 22.8 | 0 | SEE | 2 | m | 64 | 62 | 4 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Portland Bill | 22.5 | -2 | ESE | 3 | zo | 61 | 58 | 6 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Exeter | 22.3 | +2 | SE | 4 | zo | 64 | 60 | 6 | 5 | - | - | 6 | 6 | - | 20 | - |
| | Plymouth | 20.8 | -4 | SE | 4 | zo | 70 | 59 | 6 | 1 | - | - | 2 | 2 | - | 30 | - |
| | St. Eval | 20.3 | +6 | SSE | 5 | zo | 71 | 57 | 6 | 5 | 7 | - | 1 | 1 | - | - | - |
| | The Lizard | 19.7 | +4 | SSW | 5 | zo | 65 | 61 | 6 | 4 | - | - | 3 | 3 | - | 30 | - |
| | Scilly, St. Marys | 18.3 | 0 | NE'N | 5 | bc | 70 | 63 | 6 | 3 | 8 | 9 | 4 | 2 | 2 | 18 | - |
| 6 | Fairwood | 21.7 | +2 | SE | 4 | zo | 70 | 61 | 5 | - | 3 | - | 3 | 3 | - | 150 | - |
| | Pembroke | 21.3 | +4 | SEE | 4 | zo | 66 | 40 | 6 | 7 | - | - | 4 | 4 | - | 25 | - |
| | Aberporth | 21.0 | 0 | SEE | 3 | zo | 74 | 60 | 6 | 2 | 7 | - | 7 | 6 | 1 | 30 | - |
| 7 | Penrhos | 21.5 | +2 | ESE | 3 | zo | 73 | 62 | 6 | - | 3 | - | 6 | 6 | - | - | - |
| | Holyhead, Valley | 22.3 | +2 | SW | 2 | zo | 71 | 59 | 6 | - | 3 | 9 | 6 | 5 | 1 | - | - |
| | Hawarden | 23.7 | -6 | SE | 3 | zo | 69 | 60 | 5 | 1 | 4 | - | 4 | 3 | 2 | 20 | - |
| 8 | Manchester | 23.1 | -8 | SE | 3 | zo | 71 | 58 | 6 | 1 | - | - | 4 | 4 | - | 35 | - |
| | Squires Gate | 23.2 | -4 | SE'S | 3 | zo | 72 | 61 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Silloth | 23.0 | -6 | NE'N | 2 | zo | 72 | 62 | 6 | - | 3 | - | 2 | 2 | - | - | - |
| 9 | Ashbourne | 24.8 | -6 | ENE | 3 | zo | 60 | 56 | 5 | 5 | - | - | 8 | 6 | 8 | 6 | 15 |
| | Snaith | 26.3 | 0 | ESE | 2 | zo | 59 | 55 | 5 | 5 | - | - | 8 | 8 | - | 12 | - |
| 10 | Spurn Head | 25.4 | 0 | NE | 3 | zo | 60 | 56 | 6 | 7 | - | - | 8 | 8 | - | 25 | - |
| | Catterick (Sc.) | 25.6 | -6 | SSE | 2 | zo | 60 | 57 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Tynemouth | 26.0 | +4 | SE | 3 | zo | 59 | 55 | 5 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Acklington | 25.7 | 0 | SE | 3 | zo | 60 | 56 | 5 | 5 | - | - | 8 | 6 | 8 | 5 | 15 |
| 11 | St. Abb's Head | 24.3 | -8 | SE | 4 | zo | 59 | 55 | 6 | 5 | 4 | - | 4 | 4 | 2 | 20 | - |
| | Leuchars | 24.8 | +2 | E | 2 | m | 59 | 57 | 4 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Montrose | 26.4 | +2 | SE | 2 | dodo | 57 | 56 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| 12 | Abbotsinch | 22.6 | -8 | NEE | 2 | zo | 70 | 63 | 6 | - | 3 | - | 5 | 5 | - | 100 | - |
| | Prestwick | 22.8 | -2 | SE'S | 3 | zo | 71 | 58 | 6 | 5 | 7 | - | 7 | 2 | 4 | 25 | 40 |
| | West Freugh | 22.4 | -2 | SE | 4 | zo | 66 | 61 | 5 | 1 | 3 | - | 4 | - | 4 | - | - |
| | Eskdalemuir | 22.8 | -2 | - | 0 | zo | 71 | 61 | 6 | 7 | - | - | 5 | 5 | - | 21 | - |
| | Jurby, I. of Man | 22.6 | -2 | SE'S | 4 | zo | 73 | 60 | 5 | - | 3 | 9 | 5 | 4 | 3 | - | - |
| 13A | Machrihanish | 22.1 | -4 | SE | 3 | iro | 65 | 61 | 5 | 5 | 2 | - | 8 | 3 | 5 | 10 | 40 |
| | Tiree | 21.6 | 0 | SSE | 4 | c/r | 61 | 59 | 6 | 5 | 2 | - | 8 | 5 | 8 | 20 | - |
| | Oban | 22.6 | -4 | SE | 1 | zo | 69 | 62 | 6 | 5 | - | - | 7 | 3 | 7 | 20 | 40 |
| 13B | Stornoway | 21.5 | +2 | SSE | 2 | iro | 64 | 55 | 7 | 5 | 7 | - | 7 | 4 | 5 | 30 | 40 |
| | Cape Wrath | 22.3 | +4 | E | 1 | c.bc | 68 | 58 | 8 | 2 | 4 | - | 5 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 23.0 | -2 | S | 4 | zo | 66 | 57 | 6 | 5 | 3 | - | 6 | 4 | 6 | 21 | - |
| | Aberdeen | 25.7 | +4 | S'E | 3 | dodo | 57 | 56 | 4 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Fraserburgh | 25.4 | +2 | S'W | 4 | zo | 58 | 55 | 5 | 5 | - | - | 8 | 4 | 8 | 6 | 8 |
| | Alness | 22.6 | -4 | - | 0 | zo | 69 | 62 | 6 | - | 3 | - | 8 | 8 | - | - | - |
| | Wick | 24.3 | 0 | SE | 4 | zo | 59 | 56 | 5 | 5 | - | - | 8 | 8 | - | 4 | - |
| 16 | Hatston | 24.7 | 0 | SE | 5 | zo | 59 | 55 | 6 | 5 | - | - | 8 | 4 | 8 | 7 | 8 |
| | Sumburgh | 26.1 | -4 | ESE | 3 | e | 58 | 53 | 8 | 5 | - | - | 8 | 8 | - | 18 | - |
| | Sullom Voe | 26.5 | +2 | ESE | 4 | e | 58 | 51 | 8 | 5 | - | - | 7 | 7 | - | 18 | - |
| 17 | Blacksod Point | 17.1 | -2 | SE | 3 | bc | 69 | 57 | 8 | 8 | - | 5 | 4 | 4 | - | 25 | - |
| 18 | Malin Head | 18.9 | -16 | NE | 4 | bc | 61 | 61 | 8 | 5 | - | 4 | 4 | 3 | - | 75 | - |
| | Aldergrove | 21.5 | -4 | SEE | 4 | zo | 68 | 60 | 6 | 5 | 7 | - | 5 | 2 | 5 | 50 | - |
| | Cas. Archdale | 19.8 | -8 | SSE | 3 | b-bc | 70 | 60 | 8 | 1 | 3 | - | 3 | 3 | 3 | 20 | - |
| 19 | Birr Castle | 18.4 | -6 | SSE | 3 | b | 74 | 63 | 8 | - | - | - | 0 | 0 | - | - | - |
| | Collinstown | 20.6 | -6 | SE'S | 4 | bc | 68 | 56 | 8 | 7 | 3 | - | 4 | 3 | - | 55 | - |
| 20 | Foynes | 17.1 | -6 | SE'E | 4 | bc | 71 | 63 | 8 | 2 | - | - | 4 | 4 | - | 32 | - |
| | Valentia | 15.2 | -14 | SSE | 5 | bc | 75 | 62 | 8 | 1 | 8 | - | 4 | 2 | - | 35 | - |
| | Roches Point | 18.1 | -4 | SE | 4 | b-bc | 65 | 63 | 8 | 1 | - | 5 | 3 | 2 | - | 40 | - |

## OBSERVATIONS at 18h. G.M.T. 1st August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Amount Total 0-9 (28) | Amount Low A 0-9 (29) | Amount Low B 0-9 (30) | Height of Base Hundreds of feet A (31) | Height of Base Hundreds of feet B (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 22.1 | -6 | E'N | 2 | zo | 69 | 54 | 6 | – | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Croydon | 22.1 | -12 | ENE | 3 | zo | 67 | 56 | 6 | 4 | - | - | 3 | 3 | - | 30 | - | 0 | * |
| Boscombe Down | 21.1 | -10 | S'E | 3 | zo | 69 | 61 | 6 | - | 3 | - | 3 | 3 | - | - | - | 0 | * |
| Thorney Island | 21.5 | -10 | SE | 3 | zo | 69 | 59 | 6 | 5 | - | - | 3 | 3 | - | 30 | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 22.7 | -10 | NE | 3 | zo | 80 | 55 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 0 | § – |
| Manston | 23.2 | -6 | NE | 3 | ido | 59 | 56 | 6 | 5 | 1 | 7 | 8 | 4 | 7 | 8 | 15 | 0 | * |
| North Weald | 23.2 | -8 | ENE | 2 | zo | 68 | 55 | 6 | 5 | - | - | 2 | 2 | - | 30 | - | 0 | * |
| Felixstowe | 23.3 | -8 | NE'N | 3 | c | 68 | 56 | 7 | 5 | - | - | 8 | 8 | - | 20 | - | 0 | 2 |
| Gorleston | 23.6 | 0 | N | 3 | i'd. | 61 | 60 | 7 | 6 | - | - | 8 | 8 | - | 10 | - | 0 | 2 |
| Mildenhall | 23.3 | -6 | ENE | 2 | c | 64 | 56 | 8 | 5 | - | - | 7 | 7 | - | 25 | - | 0 | * |
| Bircham Newton | 24.1 | -6 | ENE | 3 | ido | 58 | 56 | 6 | 5 | - | - | 8 | 8 | - | 4 | - | 1 | * |
| Cranwell | 23.9 | -8 | NE | 1 | zo | 61 | 56 | 6 | 5 | - | - | 8 | 4 | 8 | 15 | 25 | 0 | * |
| Cranfield | 22.1 | -12 | NE | 2 | b | 69 | 55 | 7 | - | 5 | - | 1 | 1 | - | 80 | - | 0 | * |
| Honiley | 22.4 | -10 | E | 3 | bc | 65 | 56 | 7 | 1 | - | 2 | 2 | 2 | 4 | 25 | - | 0 | * |
| Little Rissington | 21.3 | -14 | NE | 4 | zo | 65 | 56 | 6 | - | - | 2 | 4 | 4 | 0 | 0 | - | 0 | * |
| Shobden | 21.8 | -12 | ENE | 3 | c.bc/s/s | 68 | 58 | 6 | 2 | 5 | - | 5 | 4 | - | 20 | - | 0 | * |
| Bristol | 20.3 | -18 | ENE | 3 | zo | 71 | 62 | 6 | - | 3 | - | 4 | 4 | 0 | 0 | - | 0 | * |
| Chivenor | 19.1 | -12 | SE | 4 | zo | 69 | 61 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Yeovilton | 20.6 | -16 | SE'E | 3 | zo | 69 | 65 | 6 | - | 3 | - | 3 | - | 3 | 0 | - | 0 | * |
| Portland Bill | 20.0 | -16 | E | 4 | bc | 60 | 57 | 7 | 5 | 4 | - | 4 | 4 | 5 | 50 | 72 | 1 | 4 |
| Exeter | 20.4 | -12 | SE'E | 3 | zo | 63 | 60 | 6 | 5 | - | - | 3 | 3 | - | 12 | - | 0 | * |
| Plymouth | 19.6 | -6 | E | 4 | zo | 61 | 59 | 6 | 5 | - | - | 5 | 5 | - | 6 | - | 0 | 3 |
| St. Eval | 18.2 | -10 | SSE | 5 | zo | 69 | 54 | 6 | 1 | 4 | - | 2 | 1 | 2 | 25 | - | 0 | - |
| The Lizard | 17.3 | -12 | E'N | 7 | zo | 60 | 58 | 6 | 5 | - | - | 7 | 7 | - | 10 | - | 0 | 4 |
| Scilly, St. Marys | 16.5 | -8 | E'S | 5 | bc | 63 | 60 | 6 | 5 | 8 | 2 | 4 | 3 | 2 | 10 | - | 0 | 5 |
| Fairwood | 20.2 | -10 | SE | 3 | zo | 69 | 61 | 5 | - | 3 | - | 1 | 1 | - | 150 | - | 0 | * |
| Pembroke | 19.5 | -8 | ESE | 5 | zo | 67 | 58 | 6 | - | 7 | - | 2 | - | 2 | 0 | - | 0 | 5 |
| Aberporth | 19.5 | -6 | SE | 3 | zo | 72 | 60 | 6 | 1 | - | 4 | 1 | 1 | 1 | 30 | - | 0 | 2 |
| Penrhos | 19.9 | -10 | ESE | 3 | b.bc | 70 | 64 | 7 | - | 3 | 2 | 3 | 2 | 3 | 0 | - | 0 | 2 |
| Holyhead, Valley | 20.8 | -10 | E | 1 | zo | 77 | 60 | 6 | - | 3 | 1 | 4 | 4 | 1 | 0 | - | 0 | 1 |
| Hawarden | 22.5 | -2 | ESE | 3 | zo | 65 | 60 | 6 | - | 3 | 2 | 6 | 4 | 4 | 0 | - | 0 | * |
| Manchester | 22.2 | -8 | E | 3 | zo | 65 | 57 | 6 | - | - | - | 3 | 3 | - | 250 | - | 0 | * |
| Squires Gate | 21.5 | -8 | ESE | 4 | zo | 68 | 61 | 6 | - | 3 | 1 | 3 | 3 | 1 | 100 | - | 0 | * |
| Silloth | 21.8 | -6 | ENE | 3 | zo | 72 | 64 | 5 | 5 | 7 | - | 7 | 3 | 7 | 30 | - | 0 | * |
| Ashbourne | 23.7 | -10 | ESE | 3 | zo | 61 | 56 | 6 | 5 | - | - | 5 | 4 | 5 | 10 | 15 | 0 | * |
| Snaith | 24.4 | -10 | E'S | 3 | zo | 62 | 56 | 6 | 5 | - | 2 | 4 | 3 | 4 | 20 | - | 0 | * |
| Spurn Head | 24.8 | -6 | NE'N | 2 | o | 58 | 53 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 0 | 3 |
| Catterick (Sc.) | 24.5 | -6 | S'E | 2 | zo | 64 | 57 | 6 | 5 | 3 | 2 | 6 | 5 | 3 | 25 | - | 0 | * |
| Tynemouth | 25.4 | -4 | ESE | 2 | zo | 59 | 55 | 6 | 2 | 3 | - | 5 | 4 | 3 | 18 | - | 1 | 2 |
| Acklington | 24.7 | -6 | SE | 3 | c | 57 | 55 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 0 | * |
| St. Abb's Head | 23.9 | -6 | SE | 4 | c | 55 | 53 | 7 | 5 | 2 | - | 5 | 5 | 3 | 20 | - | 0 | 4 |
| Leuchars | 24.3 | -4 | E | 3 | zo | 57 | 55 | 6 | 5 | - | - | 8 | 8 | - | 5 | - | 1 | * |
| Montrose | 26.0 | -4 | SE | 2 | ido | 57 | 55 | 6 | 5 | - | - | 8 | 2 | 8 | 5 | 15 | 0 | * |
| Abbotsinch | 22.0 | -2 | ENE | 3 | zo | 68 | 63 | 5 | - | 7 | - | 8 | 8 | - | 100 | - | 1 | * |
| Prestwick | 21.8 | -6 | WSW | 2 | zo | 72 | 60 | 6 | - | 7 | - | 7 | 7 | - | 80 | - | 0 | * |
| West Freugh | 21.6 | -26 | E | 3 | c.bc/s/s | 69 | 61 | 6 | 3 | 3 | - | 5 | 1 | 5 | 40 | - | 0 | * |
| Eskdalemuir | 22.0 | 0 | ESE | 2 | zo | 69 | 60 | 6 | 7 | 3 | - | 6 | 5 | 3 | 25 | - | 0 | * |
| Jurby, I. of Man | 21.9 | -6 | ENE | 2 | zo | 71 | 59 | 6 | - | 5 | - | 5 | 5 | - | 140 | - | 0 | * |
| Machrihanish | 20.7 | -8 | SE'S | 4 | zo | 71 | 63 | 6 | 5 | 3 | 9 | 4 | 3 | 3 | 60 | - | 0 | 3 |
| Tiree | 19.8 | -6 | SE'S | 4 | zo | 65 | 58 | 6 | 5 | 7 | 4 | 3 | 3 | 1 | 50 | - | 1 | 3 |
| Oban | 21.5 | -6 | - | 0 | zo | 70 | 63 | 6 | 5 | 7 | - | 8 | 6 | 8 | 30 | - | 1 | 1 |
| Stornoway | 20.6 | -6 | E | 1 | c | 64 | 56 | 8 | 5 | 7 | - | 8 | 5 | 8 | 40 | - | 0 | 1 |
| Cape Wrath | 22.2 | -2 | SW | 2 | c.bc | 63 | 56 | 7 | 5 | 2 | - | 5 | 4 | - | 15 | - | 0 | 1 |
| Dalwhinnie | 22.0 | 0 | S | 3 | zo | 62 | 56 | 5 | 5 | 3 | - | 8 | 5 | 8 | 20 | - | 0 | * |
| Aberdeen | 25.1 | -6 | S'E | 3 | zo | 57 | 55 | 5 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | 1 |
| Fraserburgh | 24.6 | -4 | S'W | 4 | zo | 57 | 54 | 6 | 5 | - | - | 8 | 6 | 8 | 5 | 15 | 0 | - |
| Alness | 21.8 | -2 | E | 1 | zo | 67 | 61 | 6 | 5 | 3 | - | 7 | 5 | 7 | 25 | - | 0 | * |
| Wick | 23.8 | -2 | SE | 4 | zo | 57 | 57 | 6 | 5 | - | - | 6 | 6 | - | 4 | - | 0 | * |
| Hatston | 24.3 | -2 | SSE | 5 | zo | 56 | 54 | 6 | 5 | - | - | 8 | 5 | 8 | 3 | 15 | * | * |
| Sumburgh | 25.8 | -4 | SSE | 3 | c | 56 | 52 | 8 | 5 | - | - | 8 | 8 | - | 15 | - | 0 | 2 |
| Sullom Voe | 26.0 | -2 | SE | 3 | c | 56 | 51 | 8 | 5 | - | - | 6 | 6 | - | 14 | - | 0 | * |
| Blacksod Point | 15.9 | -2 | S'E | 4 | c.bc | 71 | 59 | 8 | 8 | 4 | - | 5 | 4 | 8 | 25 | - | 0 | 3 |
| Malin Head | 17.4 | -4 | SE | 4 | bc | 73 | 61 | 8 | 5 | - | 9 | 4 | 4 | 8 | 15 | - | 1 | 3 |
| Aldergrove | 20.7 | 0 | SE'E | 4 | zo | 69 | 59 | 6 | - | 3 | 1 | 2 | 2 | 2 | 0 | - | 0 | * |
| Cas. Archdale | 18.8 | 0 | SE'S | 4 | bc | 73 | 62 | 7 | 8 | 3 | 5 | 4 | 2 | 3 | 25 | 57 | 0 | * |
| Birr Castle | 18.0 | 0 | S | 2 | c.bc | 70 | 58 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 1 | * |
| Collinstown | 20.2 | -2 | SE | 3 | zo | 66 | 57 | 6 | - | 4 | 1 | 4 | - | - | 0 | - | 0 | * |
| Foynes | 16.5 | 0 | ESE | 3 | c/pr | 68 | 67 | 7 | 5 | 7 | - | 8 | 5 | - | 25 | - | 0 | * |
| Valentia | 14.4 | -2 | ESE | 3 | iro | 71 | 59 | 8 | - | 9 | - | 7 | - | 8 | - | - | 1 | 3 |
| Roches Point | 16.9 | -6 | E | 5 | c.bc | 64 | 62 | 8 | 5 | 3 | - | 5 | 4 | 8 | 25 | - | 1 | 4 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 1st (41) | 12h.–18h. 1st (42) | 18h/1st to 00h. 2nd (43) | 00h.–06h. 2nd (44) |
|---|---|---|---|---|
| Kew | cmo | cbcbzo | bbccmo | cmo |
| Croydon | cmo | cmczobzo | cmo | cidocmo |
| Boscombe Down | omcmoczo | bczoczob | bczobcmo | cmo |
| Thorney Island | cmo | czobzo | cmo | |
| Friston | | | | |
| Lympne | cmo | cmo | cmocidom | oidom |
| Manston | cidomcmo | cmo | codocmo | ododocmo |
| North Weald | cmo | cmobzocz | bzocmo | cmocdomo |
| Felixstowe | cmo | c | cdo | cddmoDDm |
| Gorleston | oido | oiod | oidozo | ozo |
| Mildenhall | cidomoc | c | c | |
| Bircham Newton | moc | cidomo | omodocdo | dfo |
| Cranwell | cmcmo | cmo | cdodomo | cdodom |
| Cranfield | omccm | cmob | bccm | fomododo |
| Honiley | offemzd | cmozobc | bcbmocmo | idomodo |
| Little Rissington | ofecmo | czobczo | bcmocmo | cmoidocmo |
| Shobden | cmo | cmobczo | c | cmo do |
| Bristol | bcmo | cmobczo | bczobmow | omowcmo |
| Chivenor | bbmzby | bczoby | bzocmo | cmo mozc |
| Yeovilton | ccmcmcm | bcz | bczbcm | cmcz |
| Portland Bill | cmR | cc | c | oc |
| Exeter | bcmoc | cmo | bcmbcmo | omocido |
| Plymouth | zo | bzocmo | bcbmo | como |
| St. Eval | bmo | bzoy | bzoybcmo | bccmo |
| The Lizard | bbcz | bbccz | cbc | coz |
| Scilly, St. Marys | bbc | bccbc | bbc | cbc |
| Fairwood | czobzo | bzobmo | bmo | bmo cmo |
| Pembroke | bczo | bcmo | bcmo | bcqmo |
| Aberporth | bzoc | cbcby | | bcmoq |
| Penrhos | czobccz | b | bbcmobmo | bmowbfgw |
| Holyhead, Valley | cbc mozo | cbczo | bcbmo | bmoew |
| Hawarden | cmobczo | bczocmo | cmobcm | cmcmoido |
| Manchester | c,bmo,b,czo | bcbzo | b | bcmow |
| Squires Gate | bbczo | bczo | bczocmo | bcmoc |
| Silloth | bmo bzo | bczocz | cmobmo | bmbmow |
| Ashbourne | ofmczo | cmobcmo | cmo | cido |
| Snaith | cdmcmo | cmobcbc | cmo | cidomo |
| Spurn Head | emo | c | omo | omododo |
| Catterick (Sc.) | cmo | cmobcmo | cmo | cmo |
| Tynemouth | om | ocmo | ocmo o | omo |
| Acklington | omocmo | cmoc | vcmoomo | ofdocmo |
| St. Abb's Head | Fcmbcm | bcmocmo | omo | fe |
| Leuchars | ofomofom | omomo | pmocmo | omoidomo |
| Montrose | oddomoff | oddodocmo | cdodomo | cmo |
| Abbotsinch | cmobcmo | bccmo | cmo | cmo |
| Prestwick | cmo | czo | czocmo | do |
| West Freugh | bczobcmo | cmo | czobcmo | bcmo |
| Eskdalemuir | bmobc | bczocz | cmow | omofbcw |
| Jurby, I. of Man | cmoczo | czocyczo | czobm | bmbcm |
| Machrihanish | z | z | bccz | mzbc |
| Tiree | ciroc | omobcmo | bcbbmo | bcmo cmo |
| Oban | cmo | crorom.czo | c | bcmo |
| Stornoway | cmcirocir | cirido c | cbc | bcmocmow |
| Cape Wrath | c | c | c | c |
| Dalwhinnie | oczo | cozo | * | oc |
| Aberdeen | cmomdodo | o | omo | omo |
| Fraserburgh | cdomcmo | cmocdo | d | cidomocf |
| Alness | bcmocmo | czocmo | cmo | cmo |
| Wick | cmo | bcmocm | cmo | ofom |
| Hatston | do | c | cdf | d |
| Sumburgh | c | c | c | c |
| Sullom Voe | c | c | c | c |
| Blacksod Point | bc | b | c | c |
| Malin Head | bc | b | c | bc |
| Aldergrove | czbcmo | bcybzo | bzobmo | bcmcm |
| Cas. Archdale | bc | cbc | bccbcmo | bcmbm |
| Birr Castle | b | c | | c |
| Collinstown | bc | b | b | b |
| Foynes | bc | pr | c | c |
| Valentia | bc | pr | bc | c |
| Roches Point | bc | b | bc | c |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil 1=Trace 2=1/10 3=1/4 4=1/2 5=3/4 6=9/10 7=More than 9 but with openings. 8=Completely covered. 9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A=Lowest cloud present.
B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

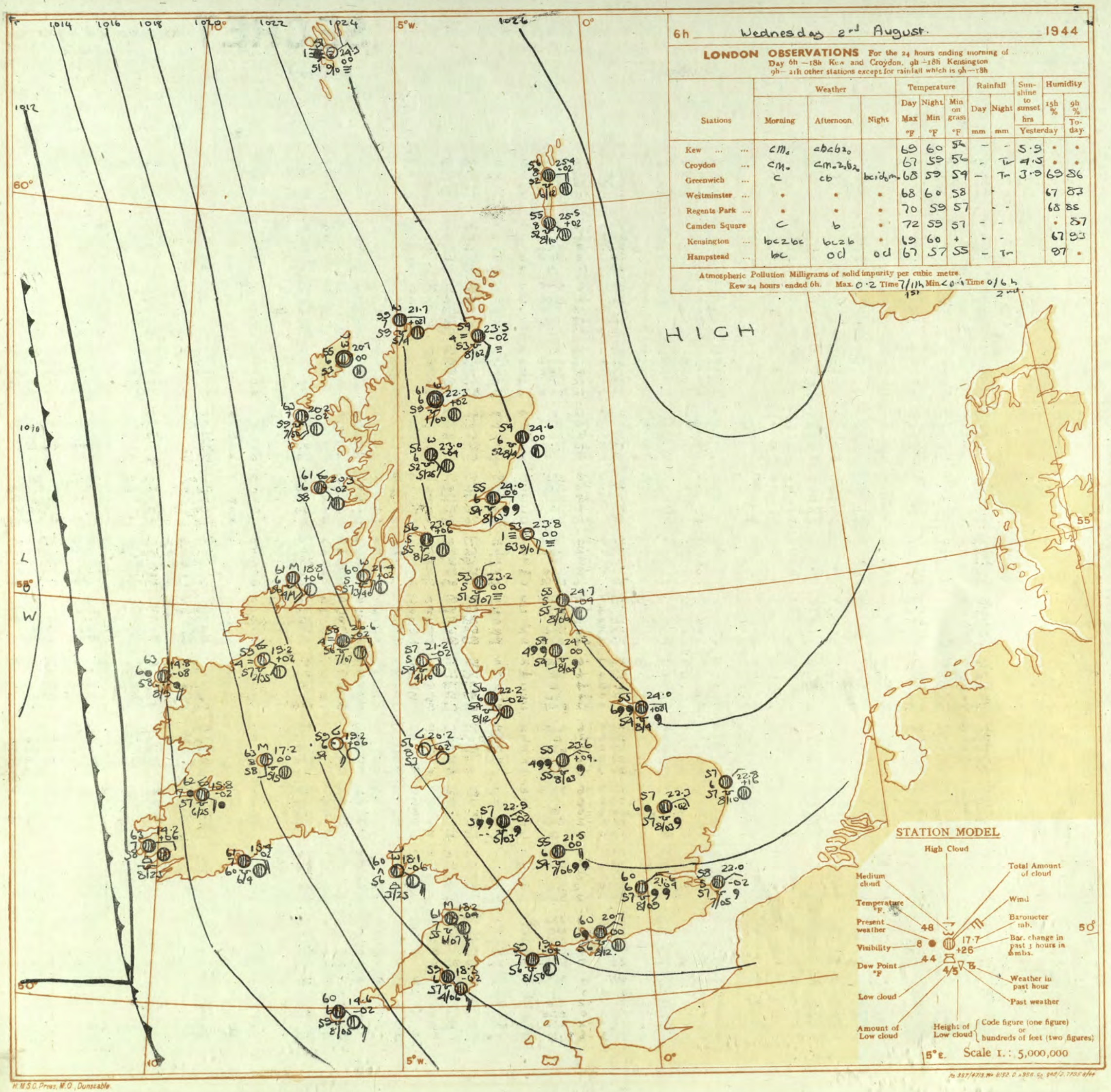
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Wednesday 2nd August. 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of
Day 6h —18h Kew and Croydon. 9h —18h Kensington
9h— 21h other stations except for rainfall which is 9h—18h

| Stations | Weather | | | Temperature | | | Rainfall | | Sunshine to sunset hrs | Humidity | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Morning | Afternoon | Night | Day Max °F | Night Min °F | Min on grass °F | Day mm | Night mm | Yesterday | 15h % | 9h % To-day |
| Kew ... ... | cm4 | cb<b2 | | 69 | 60 | 56 | – | – | 5.9 | • | • |
| Croydon ... | cm4 | cm2b2 | | 67 | 59 | 56 | – | Tr | 4.5 | • | • |
| Greenwich ... | c | cb | bc1b1m1 | 68 | 59 | 54 | – | Tr | 3.9 | 69 | 86 |
| Westminster ... | • | • | • | 68 | 60 | 58 | | – | | 67 | 83 |
| Regents Park ... | • | • | • | 70 | 59 | 57 | – | – | | 68 | 85 |
| Camden Square | c | b | • | 72 | 59 | 57 | – | – | | • | 87 |
| Kensington ... | bc2bc | bc2b | • | 69 | 60 | + | – | – | | 67 | 93 |
| Hampstead ... | bc | 0d | 0d | 67 | 57 | 55 | – | Tr | | 87 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0·2 Time 7/11h 1st Min <0·1 Time 0/6h 2nd.




H.M.S.O. Press, M.O., Dunstable.

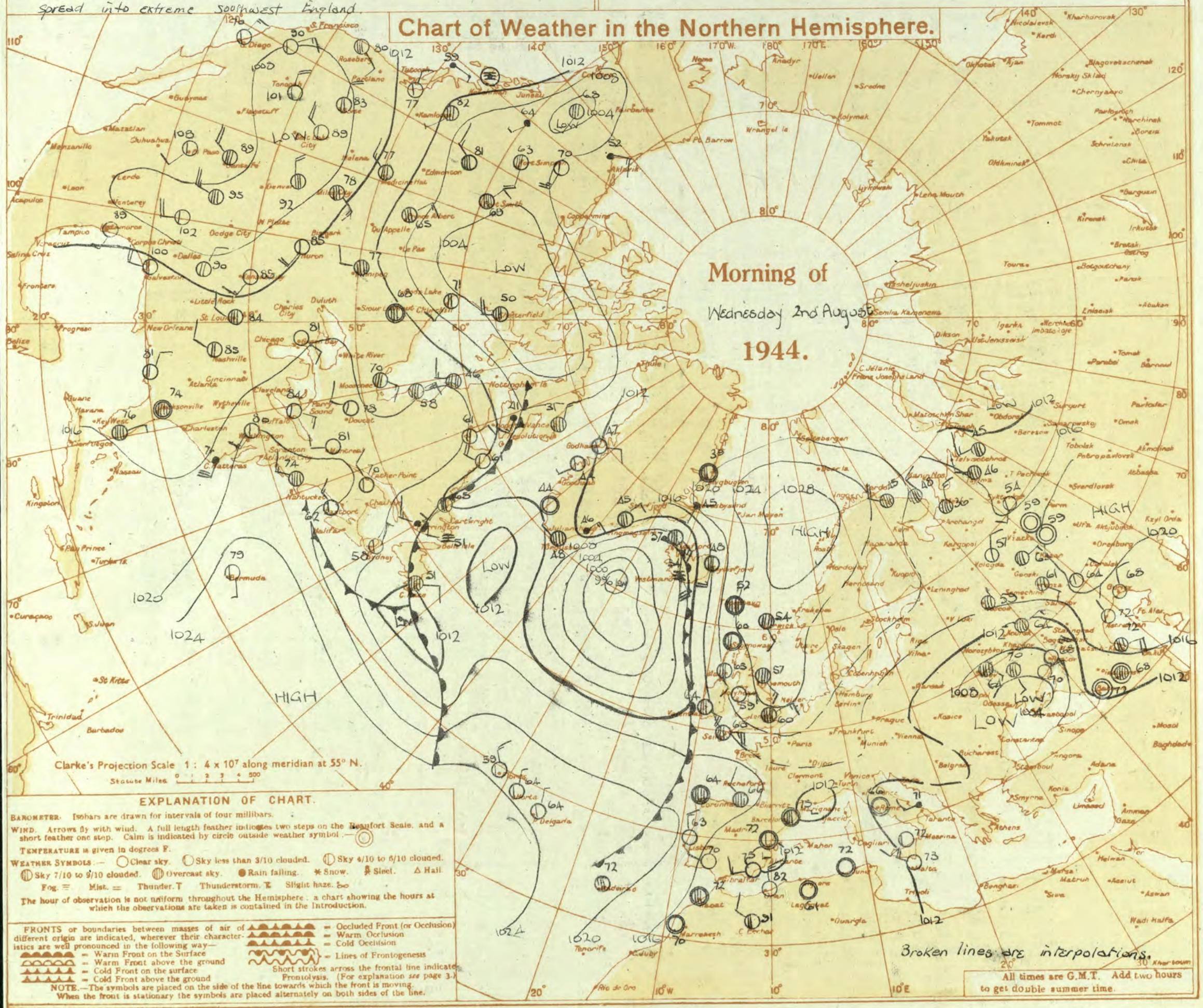
## GENERAL INFERENCE

A ridge of high pressure extends southwards over the North Sea and a trough of low pressure west of Ireland is moving very slowly east. It will cloudy in most districts at first, but the cloud will mostly disperse in the afternoon. It will persist however in many places on the east coast of Britain and locally on the south coast. Tonight the cloud will again spread in over greater part of the British Isles. Some light local rain will occur in west Ireland and may spread into extreme southwest England.

## FURTHER OUTLOOK

Little change.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

All times are G.M.T. Add two hours to get double summer time.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Wednesday 2nd August 1944

No. 30204

## OBSERVATIONS at 00hr. G.M.T. 2nd August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A. 0–9 (13) | Cloud Amount Low B. 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | | * | * | * | * | * | * | * | * | | |
| | Croydon ... | 217 | 23·2 | +6 | ENE | 3 | Zo | 60 | 57 | 6 | 5 | – | – | 8 | 8 | – | 11 | – |
| | Boscombe Down | 417 | 22·0 | +6 | E | 3 | Zo | 57 | 55 | 5 | 5 | – | – | 8 | 8 | – | 8 | – |
| | Thorney Island | 10 | 21·7 | +4 | E'S | 4 | Zo | 60 | 55 | 6 | 5 | – | – | 8 | 8 | – | 12 | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 22·3 | –4 | NE | 4 | ido | 58 | 57 | 4 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Manston ... | 140 | 22·8 | +2 | ENE | 3 | dodo | 58 | 57 | 5 | 5 | – | – | 8 | 8 | – | 4 | – |
| 2 | North Weald | 244 | 23·8 | +2 | ENE | 3 | Zo | 59 | 55 | 5 | 5 | – | – | 8 | 8 | – | 10 | – |
| | Felixstowe ... | 10 | 23·3 | 0 | NE'N | 2 | dodo | 59 | 58 | 6 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Gorleston ... | 5 | 23·5 | 0 | NE | 3 | ido | 58 | 57 | 5 | 6 | – | – | 8 | 8 | – | 10 | – |
| | Mildenhall | 15 | 23·4 | –2 | ENE | 2 | ido | 58 | 47 | 6 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Bircham Newton | 221 | 23·6 | –6 | ENE | 2 | df | 57 | 57 | 3 | 5 | – | – | 8 | 8 | – | – | – |
| | Cranwell ... | 203 | 24·3 | +2 | NE'E | 1 | dodo | 56 | 55 | 6 | 5 | – | – | 8 | 8 | – | 5 | – |
| 3 | Cranfield ... | 340 | 23·1 | +2 | NE | 2 | Zo | 58 | 55 | 5 | 5 | – | – | 8 | 8 | – | 9 | – |
| | Honiley ... | 427 | 23·6 | +6 | NE'N | 1 | Zo | 55 | 55 | 5 | 5 | – | – | 8 | 8 | – | 4 | – |
| 4 | Little Rissington | 731 | 22·7 | +10 | E'S | 4 | Zo | 55 | 45 | 5 | 5 | – | – | 8 | 8 | – | 4 | – |
| | Shobden ... | 318 | 22·9 | +6 | E'N | 2 | Zo | 57 | 55 | 5 | 5 | – | – | 6 | 6 | – | 10 | – |
| 5 | Bristol ... | 209 | 21·5 | +4 | E | 1 | Zo | 56 | 54 | 6 | – | 3 | – | 3 | 3 | – | – | – |
| | Chivenor ... | 20 | 19·9 | +2 | SEE | 4 | Zo | 61 | 57 | 6 | 5 | – | – | 8 | 8 | – | 9 | – |
| | Yeovilton | 50 | 21·2 | +8 | E | 3 | m | 60 | 60 | 4 | 5 | 3 | – | 4 | 3 | 2 | 30 | – |
| | Portland Bill | 32 | 20·1 | 0 | E | 4 | 0 | 60 | 57 | 7 | 5 | – | – | 8 | 8 | – | 45 | – |
| | Exeter ... | 100 | 21·1 | +4 | ESE | 3 | Zo | 61 | 58 | 6 | 5 | – | – | 8 | 8 | – | 12 | – |
| | Plymouth ... | 86 | 19·6 | –2 | E'S | 5 | Zo | 59 | 57 | 6 | 5 | – | – | 4 | 4 | – | 5 | – |
| | St. Eval ... | 345 | 17·6 | –10 | SSE | 7 | Zo | 59 | 56 | 6 | – | – | 9 | 3 | 3 | – | – | – |
| | The Lizard | 240 | 16·9 | –4 | E | 5 | bc | 60 | 58 | 7 | 5 | – | – | 4 | 4 | – | 15 | – |
| | Scilly, St. Marys | 163 | 05·9 | –6 | E | 5 | Zo | 60 | 59 | 6 | 5 | – | – | 6 | 6 | – | 8 | – |
| 6 | Fairwood ... | 268 | 20·3 | +6 | ESE | 4 | Zo | 64 | 57 | 5 | 5 | – | – | 3 | 3 | – | 35 | – |
| | Pembroke ... | 142 | 19·8 | 0 | ESE | 4 | Zo | 62 | 60 | 6 | – | 7 | – | 2 | – | 2 | – | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 20·5 | +2 | NE | 3 | Zo | 62 | 57 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Holyhead, Valley | 32 | 21·2 | +2 | E'N | 2 | Zo | 59 | 57 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Hawarden | 15 | 23·1 | +2 | SE | 3 | m | 56 | 54 | 4 | 5 | – | – | 5 | 4 | 4 | 15 | 40 |
| 8 | Manchester | 230 | 23·0 | –2 | E | 2 | m | 54 | 52 | 4 | – | 4 | – | 3 | 3 | – | 150 | – |
| | Squires Gate | 30 | 22·7 | –2 | E'S | 3 | Zo | 57 | 54 | 6 | – | 5 | 4 | 4 | 2 | 2 | 150 | – |
| | Silloth ... | 25 | 23·0 | +2 | NE | 4 | m | 57 | 55 | 4 | – | 3 | 9 | 3 | 2 | 2 | – | – |
| 9 | Ashbourne ... | 590 | 24·2 | +4 | ENE | 3 | Zo | 55 | 53 | 6 | 5 | – | – | 8 | 5 | 8 | 5 | 15 |
| | Snaith ... | 30 | 25·4 | +4 | E'S | 2 | Zo | 55 | 54 | 5 | 5 | – | – | 8 | 8 | – | 6 | – |
| 10 | Spurn Head | 29 | 24·9 | 0 | E'N | 3 | Zo | 57 | 57 | 6 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Catterick (Sc.) | 195 | 25·2 | +2 | SE | 2 | Zo | 56 | 55 | 6 | 5 | – | – | 8 | 8 | – | 7 | – |
| | Tynemouth | 108 | 25·5 | 0 | SE | 3 | 0 | 57 | 54 | 7 | 5 | – | – | 8 | 8 | – | – | – |
| | Acklington | 138 | 24·8 | –2 | SE | 2 | ido | 55 | 55 | 4 | 5 | – | – | 8 | 8 | – | 5 | – |
| 11 | St. Abb's Head | 280 | 24·6 | +6 | SE | 4 | 0 | 54 | 52 | 6 | 5 | – | – | 8 | 8 | – | 20 | – |
| | Leuchars ... | 31 | 24·9 | +2 | ESE | 2 | m | 56 | 53 | 4 | 6 | – | – | 8 | 8 | – | 7 | – |
| | Montrose ... | 22 | 26·3 | –2 | SSE | 2 | Zo | 55 | 54 | 5 | 6 | – | – | 8 | 8 | – | 6 | – |
| 12 | Abbotsinch | 19 | 23·2 | +2 | ESE | 3 | Zo | 58 | 56 | 5 | 5 | 3 | – | 6 | 5 | 2 | 25 | – |
| | Prestwick ... | 30 | 22·6 | +6 | ENE | 1 | Zo | 62 | 58 | 5 | – | 7 | – | 5 | 5 | – | 80 | – |
| | West Freugh | 53 | 21·9 | +2 | ESE | 3 | Zo | 61 | 58 | 5 | 1 | 3 | – | 4 | – | 4 | – | – |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 22·0 | 0 | E'S | 4 | Zo | 61 | 56 | 4 | – | 4 | – | 1 | 1 | – | – | – |
| 13A | Machrihanish | 35 | 21·7 | +6 | ESE | 3 | Zo | 63 | 61 | 5 | 5 | – | – | 7 | 7 | – | 30 | – |
| | Tiree ... | 44 | 20·6 | +6 | SE | 4 | Zo | 61 | 58 | 5 | – | 7 | – | 1 | 1 | – | – | – |
| | Oban ... | 74 | 22·8 | +12 | E | 1 | Zo | 63 | 61 | 6 | 5 | – | – | 4 | 4 | – | 30 | – |
| 13B | Stornoway ... | 12 | 21·3 | +6 | – | 0 | bc | 60 | 58 | 7 | – | 4 | – | 4 | 4 | – | 90 | – |
| | Cape Wrath | 367 | 21·9 | +2 | SSW | 2 | c | 67 | 59 | 7 | 5 | 2 | – | 6 | 4 | – | 15 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 25·2 | –2 | SSE | 2 | f+ | 54 | 54 | 3 | – | – | – | 9 | 9 | – | 0 | – |
| | Fraserburgh | 76 | 24·8 | –2 | SE | 4 | f– | 54 | 54 | 3 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Alness ... | 63 | 22·6 | +2 | – | 0 | Zo | 60 | 58 | 5 | 5 | – | – | 8 | 8 | – | 60 | – |
| | Wick ... | 114 | 23·9 | 0 | SE | 4 | Zo | 55 | 54 | 5 | 5 | – | – | 8 | 8 | – | 4 | – |
| 16 | Hatston ... | 45 | 24·5 | 0 | SE | 5 | df | 54 | 53 | 3 | – | – | – | 9 | 9 | – | 0 | – |
| | Sumburgh ... | 15 | 26·2 | +2 | SE | 3 | c | 54 | 51 | 8 | 5 | – | – | 8 | 8 | – | 12 | – |
| | Sullom Voe | 12 | 26·4 | 0 | SE | 2 | c | 54 | 50 | 8 | 5 | – | – | 8 | 8 | – | 12 | – |
| 17 | Blacksod Point * | 18 | 16·6 | +2 | SE | 4 | PR | 65 | 61 | 7 | 8 | – | – | 7 | 7 | – | 15 | – |
| 18 | Malin Head * | 84 | 18·9 | +2 | SE | 1 | c | 65 | 58 | 7 | 5 | – | 4 | 6 | 3 | – | 15 | – |
| | Aldergrove | 294 | 21·0 | –2 | ESE | 3 | Zo | 62 | 58 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Cas. Archdale | 240 | 20·0 | +2 | SSE | 2 | Zo | 63 | 59 | 6 | 5 | 7 | 1 | 4 | 3 | 3 | 30 | – |
| 19 | Birr Castle ... * | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown * | 220 | 20·0 | –2 | SE'S | 1 | Zo | 58 | 56 | 6 | – | 3 | – | 3 | – | – | – | – |
| 20 | Foynes ... * | 3 | 16·3 | +6 | ESE | 2 | c | 62 | 60 | 7 | 5 | 9 | 1 | 7 | 3 | – | 60 | – |
| | Valentia ... * | 30 | 14·1 | –2 | E | 5 | cbc | 64 | 56 | 7 | – | 8 | 3 | 5 | – | – | – | – |
| | Roches Point * | 22 | 17·1 | –2 | E | 4 | Zo | 61 | 60 | 6 | – | 3 | – | 7 | – | – | – | – |

* Minimum Temperatures and Rainfall Read at 0700 G.M.T.

## OBSERVATIONS at 06hr. G.M.T. 2nd August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A. 0–9 (29) | Cloud Amount Low B. 0–9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 21·5 | –4 | E | 3 | Zo | 61 | 57 | 6 | 5 | – | – | 8 | 6 | 8 | 25 | 40 | 0 | * |
| Croydon ... | 21·6 | –4 | NE'E | 3 | c/d | 60 | 57 | 6 | 5 | – | – | 8 | 8 | – | 9 | – | 0 | * |
| Boscombe Down | 21·0 | –2 | ESE | 3 | c | 59 | 56 | 7 | 5 | – | – | 8 | 5 | 8 | 12 | 25 | 0 | * |
| Thorney Island | 20·7 | 0 | E'N | 2 | ido | 60 | 56 | 6 | 5 | – | – | 8 | 8 | – | 12 | – | 0 | * |
| Friston ... | | | | | | | | | | | | | | | | | | * |
| Lympne ... | 21·4 | –4 | NNE | 3 | ido | 58 | 56 | 4 | 5 | – | – | 8 | 8 | – | 6 | – | 0 | §3 |
| Manston ... | 22·0 | –2 | ENE | 2 | Zo | 58 | 57 | 5 | 5 | – | – | 8 | 7 | 8 | 5 | 8 | 0 | * |
| North Weald | 22·4 | –6 | ENE | 3 | dodo | 58 | 55 | 5 | 5 | – | – | 8 | 8 | – | 2 | – | 1 | * |
| Felixstowe ... | 22·5 | 0 | SW | 2 | dr | 57 | 57 | 4 | 5 | 1 | – | 8 | 8 | – | 4 | – | 1 | 1 |
| Gorleston ... | 22·8 | +16 | NE | 1 | Zo | 57 | 57 | 6 | 5 | – | – | 8 | 8 | – | 10 | – | 1 | 2 |
| Mildenhall | 22·3 | –2 | ENE | 2 | ido | 57 | 57 | 6 | 5 | – | – | 8 | 8 | – | 3 | – | 1 | * |
| Bircham Newton | 22·6 | 0 | ENE | 2 | df | 55 | 55 | 3 | 5 | – | – | 8 | 8 | – | – | – | 1 | * |
| Cranwell ... | 23·0 | 0 | E'N | 1 | dodo | 56 | 56 | 3 | 5 | – | – | 8 | 8 | – | 2 | – | 1 | * |
| Cranfield ... | 22·2 | –2 | NE'E | 3 | dodo | 57 | 56 | 5 | 5 | – | – | 8 | 4 | 8 | 3 | 8 | 1 | * |
| Honiley ... | 22·1 | –2 | E | 3 | dodo | 55 | 55 | 4 | 5 | – | – | 8 | 8 | – | 4 | – | 1 | * |
| Little Rissington | 21·5 | 0 | E | 4 | c/d | 55 | 54 | 6 | 5 | – | – | 8 | 7 | 8 | 6 | 15 | 1 | * |
| Shobden ... | 22·9 | –2 | ENE | 3 | dodo | 57 | * | 5 | 5 | – | – | 8 | 5 | 8 | 3 | 4 | 0 | * |
| Bristol ... | 21·1 | +2 | E | 2 | Zo | 59 | 56 | 6 | 5 | – | – | 8 | 4 | 8 | 16 | 25 | 0 | * |
| Chivenor ... | 18·2 | –4 | ESE | 4 | c | 61 | 55 | 7 | 5 | 8 | – | 7 | 6 | 4 | 7 | – | 0 | * |
| Yeovilton | 20·3 | –2 | E | 3 | Zo | 59 | 57 | 6 | 5 | – | – | 8 | 3 | 8 | 8 | 15 | 0 | * |
| Portland Bill | 19·0 | –4 | E | 4 | c | 59 | 56 | 7 | 5 | – | – | 8 | 8 | – | 50 | – | 1 | 4 |
| Exeter ... | 19·3 | –4 | ENE | 3 | c/d | 60 | 59 | 6 | 5 | – | – | 8 | 8 | – | 10 | – | 0 | * |
| Plymouth ... | 18·3 | –2 | ESE | 5 | Zo | 59 | 57 | 6 | 5 | – | – | 8 | 4 | 8 | 6 | 8 | 0 | 3 |
| St. Eval ... | 17·9 | +26 | SSE | 4 | Zo | 59 | 57 | 6 | 5 | – | – | 8 | 8 | – | 3 | – | 0 | * |
| The Lizard | 15·9 | –4 | E | 6 | Zo | 60 | 58 | 5 | 5 | – | – | 8 | 8 | – | 8 | – | 0 | 5 |
| Scilly, St. Marys | 14·6 | –2 | E'S | 5 | Zo | 60 | 59 | 6 | 5 | – | – | 8 | 8 | – | 5 | – | 0 | 5 |
| Fairwood ... | 19·8 | +2 | ESE | 4 | Zo | 59 | 55 | 5 | 5 | – | – | 7 | 4 | 7 | 10 | 15 | 0 | * |
| Pembroke ... | 18·1 | –6 | E'S | 6 | bcq | 60 | 56 | 6 | 2 | 3 | 1 | 4 | 3 | 2 | 25 | – | 0 | 3 |
| Aberporth ... | 19·6 | +2 | ESE | 3 | Zo | 57 | 54 | 6 | 5 | 3 | – | 3 | 3 | 3 | 10 | 40 | 0 | 2 |
| Penrhos ... | 19·5 | +2 | E | 3 | bbc | 60 | 54 | 7 | – | 3 | 9 | 3 | 2 | 1 | – | – | 0 | 2 |
| Holyhead, Valley | 20·2 | –2 | E'N | 1 | bbc | 56 | 53 | 8 | – | 4 | – | 3 | 3 | – | 150 | – | 1 | 1 |
| Hawarden | 22·4 | +2 | SE | 2 | ido | 57 | 54 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 0 | * |
| Manchester | 22·3 | –2 | E'S | 2 | c | 56 | 54 | 6 | 5 | – | – | 7 | 7 | – | 8 | – | 0 | * |
| Squires Gate | 22·2 | –2 | SE'S | 3 | Zo | 56 | 54 | 6 | 5 | – | – | 8 | 8 | – | 12 | – | 0 | |
| Silloth ... | 22·5 | +2 | ENE | 4 | Zo | 54 | 53 | 5 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| Ashbourne ... | 23·6 | +4 | ENE | 3 | dodo | 55 | 55 | 4 | 5 | – | – | 8 | 8 | – | 3 | – | 1 | * |
| Snaith ... | 24·1 | +2 | E | 2 | ido | 56 | 56 | 5 | 5 | – | – | 8 | 8 | – | 4 | – | 1 | * |
| Spurn Head | 24·0 | +2 | E | 3 | dodo | 55 | 54 | 6 | 5 | – | – | 8 | 8 | – | 15 | – | 1 | 2 |
| Catterick (Sc.) | 24·5 | 0 | S | 2 | dodo | 54 | 54 | 4 | 5 | – | – | 8 | 8 | – | 4 | – | 1 | * |
| Tynemouth | 24·7 | –4 | SE | 2 | Zo | 55 | 55 | 5 | 5 | – | – | 8 | 8 | – | 6 | – | 1 | 2 |
| Acklington | 24·1 | 0 | SE | 2 | Zo | 54 | 54 | 6 | 5 | – | – | 8 | 8 | – | 5 | – | 0 | * |
| St. Abb's Head | 23·8 | 0 | SE | 3 | F | 53 | 53 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 | 3 |
| Leuchars ... | 24·0 | 0 | E | 2 | c/d | 55 | 54 | 6 | 5 | – | – | 8 | 8 | – | 3 | – | 1 | * |
| Montrose ... | 25·4 | +2 | SE | 2 | c | 55 | 52 | 7 | 5 | – | – | 8 | 5 | 8 | 8 | 15 | 0 | * |
| Abbotsinch | 23·0 | +6 | E | 2 | Zo | 56 | 55 | 5 | 5 | – | – | 8 | 8 | – | 20 | – | 1 | * |
| Prestwick ... | 22·3 | +2 | ENE | 2 | Zo | 58 | 54 | 6 | 5 | 5 | – | 4 | 4 | 3 | 30 | – | 0 | * |
| West Freugh | 21·4 | +2 | ESE | 3 | Zo | 59 | 56 | 6 | 5 | 3 | – | 5 | 3 | 4 | 20 | – | 1 | * |
| Eskdalemuir | 23·2 | 0 | NE | 2 | Zo | 53 | 51 | 5 | 5 | – | – | 5 | 5 | – | 7 | – | 1 | * |
| Jurby, I. of Man | 21·2 | –2 | E | 4 | Zo | 57 | 54 | 5 | 5 | – | – | 4 | 4 | 1 | 10 | – | 0 | * |
| Machrihanish | 21·4 | +2 | ESE | 4 | Zo | 60 | 57 | 5 | 5 | 3 | – | 4 | 3 | 4 | 40 | – | 0 | 3 |
| Tiree ... | 20·3 | –2 | SE'E | 3 | Zo | 61 | 58 | 6 | – | 7 | – | 7 | 7 | – | – | – | 0 | 2 |
| Oban ... | 21·9 | –2 | – | 0 | Zo | 61 | 58 | 6 | 5 | – | – | 4 | 1 | 4 | 30 | 57 | 0 | 1 |
| Stornoway ... | 20·7 | 0 | – | 0 | Zo | 55 | 53 | 6 | – | 3 | 1 | 4 | 3 | 2 | 90 | – | 0 | 1 |
| Cape Wrath | 21·7 | +2 | E | 2 | c | 59 | 59 | 7 | 5 | 3 | – | 7 | 5 | – | 15 | – | 0 | 1 |
| Dalwhinnie | 23·0 | –4 | SE | 3 | c | 56 | 52 | 6 | 5 | 3 | – | 7 | 5 | 7 | 25 | – | 0 | * |
| Aberdeen† ... | 24·6 | 0 | SSE | 2 | Zo | 54 | 52 | 6 | 5 | – | – | 8 | 8 | – | 15 | – | 1 | 1 |
| Fraserburgh | 24·6 | –2 | SE | 4 | Zo | 53 | 53 | 5 | 5 | – | – | 8 | 8 | – | 8 | – | 0 | |
| Alness ... | 22·3 | +2 | – | 0 | Zo | 61 | 59 | 6 | 5 | 3 | – | 7 | 1 | 4 | 40 | 40 | 0 | * |
| Wick ... | 23·5 | –2 | SE | 4 | m | 54 | 53 | 4 | 5 | – | – | 8 | 8 | – | 2 | – | 0 | * |
| Hatston ... | 24·0 | 0 | SSE | 3 | df | 59 | 53 | 3 | – | – | – | 9 | 9 | – | 0 | – | * | * |
| Sumburgh ... | 25·5 | +2 | ESE | 3 | c | 55 | 52 | 8 | 5 | – | – | 8 | 8 | – | 10 | – | 0 | 2 |
| Sullom Voe | 25·4 | –2 | E | 4 | c | 56 | 52 | 8 | 5 | – | – | 8 | 6 | – | 12 | – | 0 | * |
| Blacksod Point * | 14·8 | –8 | ESE | 4 | ir | 63 | 59 | 6 | 6 | – | – | 8 | 8 | – | 8 | – | 1 | 4 |
| Malin Head * | 18·8 | +6 | SSE | 4 | cbc | 61 | 55 | 6 | 5 | 8 | – | 5 | 4 | – | 15 | – | 1 | 4 |
| Aldergrove | 20·6 | –2 | E | 3 | m | 58 | 56 | 4 | 5 | – | – | 7 | 7 | – | 7 | – | 0 | * |
| Cas. Archdale | 19·2 | +2 | ESE | 2 | m | 59 | 57 | 4 | 5 | 7 | – | 4 | 2 | 3 | 35 | – | 0 | * |
| Birr Castle ... * | 17·2 | 0 | S | 2 | c | 63 | 59 | 8 | 5 | – | 8 | 6 | 5 | – | 25 | – | 0 | * |
| Collinstown * | 19·2 | +6 | SE'S | 4 | Zo | 59 | 55 | 6 | – | 4 | 1 | 1 | – | – | – | – | 0 | * |
| Foynes ... * | 15·8 | –2 | ESE | 4 | ir | 62 | 58 | 7 | 5 | 7 | – | 8 | 6 | – | 25 | – | 0 | * |
| Valentia ... * | 14·2 | +6 | E | 2 | c | 63 | 59 | 7 | 8 | – | – | 8 | 8 | – | 23 | – | 1 | 3 |
| Roches Point * | 15·4 | –2 | E'S | 4 | c | 61 | 60 | 7 | 5 | – | – | 6 | 6 | – | 15 | – | 1 | 4 |

* Station 103 Read at 0700 G.M.T.

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h–18h °F. (35) | Temperature Min. Night 18h–6h °F. (36) | Temperature Min. on Grass °F. (37) | Rainfall Day 6h–18h mm. (38) | Rainfall Night 18h–6h mm. (39) | Sunshine 1st Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 69 | 60 | 56 | – | – | 5·9 |
| Croydon ... | 67 | 59 | 56 | – | Tr | 4·5 |
| Boscombe Down | 73 | 56 | 54 | – | – | 3·5 |
| Thorney Island | 68 | 58 | 55 | – | – | * |
| Friston ... | | | | | | |
| Lympne ... | 62 | 58 | 58 | – | Tr | 0·0 |
| Manston ... | 62 | 57 | 56 | Tr | Tr | 0·0 |
| North Weald | 68 | 57 | * | * | * | * |
| Felixstowe ... | 64 | 57 | 57 | – | 0·1 | 1·0 |
| Gorleston ... | 62 | 57 | 57 | – | – | 0·0 |
| Mildenhall | 67 | 57 | 57 | Tr | Tr | 1·9 |
| Bircham Newton | 60 | 55 | 55 | – | Tr | * |
| Cranwell ... | 63 | 55 | 55 | – | Tr | 0·1 |
| Cranfield ... | 69 | 55 | 51 | – | Tr | * |
| Honiley ... | 66 | 53 | 53 | – | Tr | * |
| Little Rissington | – | 54 | 53 | – | Tr | * |
| Shobden ... | 70 | 56 | 51 | – | Tr | * |
| Bristol ... | 75 | 55 | 49 | – | – | 1·6 |
| Chivenor ... | 75 | 59 | 55 | – | – | * |
| Yeovilton | 72 | 58 | 54 | – | – | * |
| Portland Bill | 62 | 58 | * | – | – | * |
| Exeter ... | 68 | 60 | 55 | – | – | * |
| Plymouth ... | 70 | 58 | 55 | – | – | 9·4 |
| St. Eval ... | 72 | 55 | 54 | – | – | * |
| The Lizard | 62 | 58 | * | – | – | 9·2 |
| Scilly, St. Marys | 70 | 59 | * | – | – | 11·3 |
| Fairwood ... | – | 58 | 58 | – | – | * |
| Pembroke ... | 69 | 58 | * | – | – | 10·7 |
| Aberporth ... | 77 | 56 | 48 | – | – | 8·8 |
| Penrhos ... | 76 | 57 | 55 | – | – | * |
| Holyhead, Valley | 79 | 53 | 44 | – | – | * |
| Hawarden | 74 | 53 | 45 | – | * | 2·5 |
| Manchester | 74 | 52 | 45 | – | – | * |
| Squires Gate | 76 | 51 | 48 | – | – | * |
| Silloth ... | 74 | 53 | * | 10 | – | * |
| Ashbourne ... | 61 | 53 | 54 | – | 0·1 | * |
| Snaith ... | 65 | 55 | 65 | – | 0·1 | * |
| Spurn Head | 60 | 55 | * | – | 0·1 | 0·0 |
| Catterick (Sc.) | 64 | 45 | 53 | – | Tr | 0·9 |
| Tynemouth | 60 | 55 | 52 | – | – | |
| Acklington | 60 | 54 | 55 | – | Tr | * |
| St. Abb's Head | 61 | 52 | * | – | Tr | |
| Leuchars ... | 66 | 54 | 54 | – | – | 0·0 |
| Montrose ... | 59 | 54 | 54 | – | Tr | |
| Abbotsinch | 72 | 56 | 56 | – | – | 0·8 |
| Prestwick ... | 75 | 57 | 57 | – | – | * |
| West Freugh | 69 | 57 | 55 | – | 1 | * |
| Eskdalemuir | 75 | 51 | 48 | – | – | 8·9 |
| Jurby, I. of Man | 75 | 57 | 54 | – | – | * |
| Machrihanish | 71 | 59 | 59 | Tr | – | * |
| Tiree ... | 67 | 59 | 55 | Tr | – | 3·9 |
| Oban ... | 72 | 60 | * | – | * | |
| Stornoway ... | 67 | 53 | 45 | Tr | – | 0·1 |
| Cape Wrath | 70 | 58 | * | – | – | * |
| Dalwhinnie | 69 | 56 | 54 | – | – | 4·3 |
| Aberdeen† ... | 58 | 53 | 52 | Tr | – | 0· |
| Fraserburgh | 60 | 52 | 52 | Tr | Tr | * |
| Alness ... | 70 | 58 | 55 | – | – | * |
| Wick ... | 60 | 53 | 53 | – | – | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 58 | 53 | 52 | – | – | 0·0 |
| Sullom Voe | 60 | 53 | 52 | – | – | * |
| Blacksod Point * | 79 | 61 | * | – | Tr | * |
| Malin Head * | 75 | 59 | * | – | – | 8·0 |
| Aldergrove | 72 | 57 | 50 | – | – | 7·4 |
| Cas. Archdale | 77 | 58 | 58 | 0·2 | – | * |
| Birr Castle ... * | 76 | 62 | 58 | – | – | 10·1 |
| Collinstown * | 71 | 56 | 47 | – | – | 8·5 |
| Foynes ... * | 79 | 59 | 55 | Tr | Tr | 7·8 |
| Valentia ... * | 76 | 62 | 57 | Tr | Tr | |
| Roches Point * | 66 | 60 | * | – | – | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A. = Lowest cloud present.
B. = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

BRITISH SECTION

Thursday 3rd August 1944

No. 30205

## OBSERVATIONS at 12h. G.M.T. August 2nd

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 21.3 | -9 | E'N | 2 | zo | 65 | 57 | 6 | S | - | - | 8 | 5 | 3 | 18 | 25 |
| | Croydon | 21.7 | -6 | NE | 3 | m | 64 | 57 | 6 | S | - | - | 7 | 4 | 7 | 12 | 23 |
| | Boscombe Down | 20.5 | -2 | E'S | 3 | c | 65 | 53 | 7 | S | - | - | 6 | 6 | - | 20 | - |
| | Thorney Island | 19.9 | -6 | E | 4 | b.bc | 71 | 59 | 7 | S | | - | 3 | 3 | - | 30 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 21.0 | -6 | NNE | 3 | zo | 64 | 57 | 6 | S | - | - | 7 | 7 | - | 10 | - |
| | Manston | 21.7 | -4 | NE | 3 | c/d | 62 | 57 | 6 | S | - | - | 8 | 5 | 8 | 7 | 25 |
| 2 | North Weald | 22.2 | -9 | NE | 2 | zo | 61 | 58 | 5 | S | - | - | 7 | 7 | - | 12 | - |
| | Felixstowe | 22.4 | -2 | NE | 3 | c | 61 | 57 | 7 | S | - | - | 8 | 5 | 8 | 100 | 25 |
| | Gorleston | 22.6 | -2 | NE | 3 | c | 59 | 55 | 7 | S | - | - | 8 | 8 | - | 10 | - |
| | Mildenhall | 22.5 | -2 | NE'E | 2 | c | 61 | 57 | 7 | S | - | - | 8 | 8 | - | 14 | - |
| | Bircham Newton | 22.9 | -2 | ENE | 3 | b.bc | 69 | 55 | 8 | S | - | - | 3 | 3 | - | 20 | - |
| | Cranwell | 22.9 | -2 | NE | 2 | m | 57 | 57 | 4 | S | - | - | 4 | 8 | - | 4 | - |
| 3 | Cranfield | 22.1 | -2 | NE | 3 | zo | 60 | 57 | 6 | S | - | - | 8 | 5 | 8 | 8 | 15 |
| | Honiley | 22.1 | 0 | ENE | 3 | zo | 61 | 57 | 6 | S | - | - | 8 | 5 | 8 | 8 | 13 |
| 4 | Little Rissington | 20.6 | -8 | NE'N | 4 | c.bc | 65 | 57 | 7 | S | - | - | 8 | 5 | - | 18 | - |
| | Shobden | 21.7 | -4 | ENE | 3 | zo | 62 | 55 | 6 | S | - | - | 8 | 4 | 6 | 10 | 15 |
| 5 | Bristol | 20.6 | -2 | E | 2 | zo | 65 | 53 | 6 | S | - | - | 8 | 8 | - | 25 | - |
| | Chivenor | 19.2 | +2 | E | 3 | c | 64 | 57 | 7 | S | - | - | 8 | 8 | - | 14 | - |
| | Yeovilton | 20.1 | 0 | E'S | 3 | c | 66 | 61 | 7 | S | - | - | 7 | 5 | 7 | 12 | 15 |
| | Portland Bill | 19.1 | +4 | E | 4 | o | 60 | 57 | 7 | S | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 19.9 | +2 | SE | 4 | id. | 63 | 59 | 6 | S | - | - | 8 | 8 | - | 9 | - |
| | Plymouth | 18.5 | -2 | ESE | 5 | c | 63 | 58 | 7 | S | - | - | 7 | 4 | 7 | 8 | 15 |
| | St. Eval | 17.5 | -6 | ESE | 5 | zo | 67 | 60 | 6 | S | 4 | 1 | 4 | 4 | 1 | 10 | - |
| | The Lizard | 15.9 | 0 | E | 6 | zo | 61 | 59 | 5 | S | - | - | 8 | 8 | - | 8 | - |
| | Scilly, St. Marys | 16.0 | +6 | E | 4 | zo | 69 | 61 | 6 | S | - | - | 8 | 8 | - | 8 | - |
| 6 | Fairwood | 20.0 | +2 | SE | 4 | zo | 64 | 57 | 6 | S | - | - | 8 | 8 | - | 9 | - |
| | Pembroke | 18.3 | -9 | ESE | 5 | b.bcq | 64 | 57 | 5 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Aberporth | 19.0 | -2 | SSE | 2 | c | 65 | 56 | 7 | 4 | 3 | - | 7 | 6 | 1 | 25 | - |
| 7 | Penrhos | 19.7 | +4 | E | 4 | b | 72 | 62 | 7 | 1 | 4 | - | 1 | 1 | 1 | 40 | - |
| | Holyhead, Valley | 20.7 | +2 | WNW | 3 | zo | 67 | 55 | 6 | - | 4 | - | 1 | 1 | 0 | 0 | - |
| | Hawarden | 21.7 | -6 | SE | 4 | z. | 63 | 53 | 6 | S | - | - | 8 | 5 | 8 | 12 | 15 |
| 8 | Manchester | 22.0 | -6 | SE | 3 | zo | 67 | 58 | 6 | S | - | - | 4 | 4 | - | 15 | - |
| | Squires Gate | 21.5 | -10 | ESE | 3 | c/s/s | 68 | 59 | 6 | S | - | - | 6 | 6 | - | 20 | - |
| | Silloth | 21.9 | -6 | NNE | 4 | zo | 69 | 62 | 6 | S | 1 | - | 1 | 1 | - | 15 | 2 |
| 9 | Ashbourne | 23.0 | -2 | ENE | 3 | c/d | 58 | 57 | 5 | S | - | - | 8 | 6 | 8 | 4 | 8 |
| | Snaith | 24.2 | -2 | ESE | 2 | zo | 58 | 56 | 6 | S | - | - | 8 | 8 | - | 8 | - |
| 10 | Spurn Head | 24.3 | +2 | E'N | 2 | o | 58 | 52 | 7 | S | - | - | 8 | 8 | - | 12 | - |
| | Catterick (Sc.) | 24.3 | -4 | - | 0 | c | 61 | 56 | 7 | S | - | - | 8 | 8 | - | 14 | - |
| | Tynemouth | 25.0 | 0 | S'W | 2 | c/d | 57 | 56 | 6 | S | - | - | 9 | 8 | - | 10 | - |
| | Acklington | 24.5 | 0 | SE | 2 | id. | 58 | 56 | 6 | S | - | - | 8 | 8 | - | 4 | - |
| 11 | St. Abb's Head | 23.9 | +2 | SSE | 1 | m | 56 | 54 | 4 | S | - | - | 8 | 8 | - | 15 | - |
| | Leuchars | 24.3 | -2 | ESE | 2 | zo | 57 | 55 | 6 | S | - | - | 8 | 5 | 8 | 4 | 8 |
| | Montrose | 25.6 | -2 | SE | 1 | c | 57 | 53 | 7 | S | - | - | 8 | 5 | 8 | 10 | 25 |
| 12 | Abbotsinch | 22.5 | -8 | E | 3 | z. | 66 | 57 | 6 | 1 | - | - | 1 | 1 | - | 15 | - |
| | Prestwick | 21.2 | -8 | E | 4 | b | 74 | 57 | 7 | 1 | - | - | 2 | 2 | - | 30 | - |
| | West Freugh | 21.7 | -28 | SE | 4 | zo | 62 | 57 | 6 | S | - | - | 7 | 3 | 7 | 8 | 15 |
| | Eskdalemuir | 21.7 | -8 | NE | 2 | zo | 69 | 58 | 6 | 1 | - | - | 0 | 2 | - | 29 | - |
| | Jurby, I. of Man | 20.8 | -6 | ESE | 6 | zo | 65 | 56 | 6 | S | 9 | - | 4 | 2 | 3 | 11 | 25 |
| 13A | Machrihanish | 20.9 | 0 | SE'S | 5 | zo | 64 | 59 | 5 | S | 7 | - | 5 | 4 | 3 | 25 | - |
| | Tiree | 20.6 | -2 | SE'S | 4 | b.bc | 65 | 58 | 7 | - | 3 | - | 3 | 9 | - | 100 | - |
| | Oban | 21.1 | -6 | SE | 1 | b.bc | 74 | 69 | 7 | S | 4 | - | 3 | 2 | 2 | 50 | - |
| 13B | Stornoway | 21.0 | -8 | - | 0 | zo | 65 | 60 | 6 | S | 7 | - | 7 | 5 | 7 | 40 | - |
| | Cape Wrath | 20.8 | -10 | E | 3 | bc | 65 | 60 | 7 | S | 4 | - | 4 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 22.0 | +2 | S | 4 | b.bc | 69 | 54 | 7 | - | 4 | 1 | 3 | 2 | 3 | 70 | - |
| | Aberdeen | 24.4 | -4 | S | 3 | c | 57 | 52 | 7 | S | - | - | 8 | 8 | - | 15 | - |
| | Fraserburgh | 24.3 | -2 | S'E | 4 | b.bc | 61 | 55 | 8 | S | - | 1 | 3 | 2 | 3 | 7 | 15 |
| | Alness | 21.4 | -10 | ENE | 2 | b | 69 | 60 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Wick | 23.3 | -6 | SE | 3 | zo | 57 | 54 | 6 | S | - | - | 8 | 8 | - | 6 | - |
| 16 | Hatston | 24.9 | +2 | SE'E | 4 | zo. | 57 | 53 | 6 | S | - | - | 8 | 4 | 8 | 5 | 15 |
| | Sumburgh | 25.8 | 0 | ESE | 3 | c | 58 | 53 | 8 | S | - | - | 7 | 7 | - | 16 | - |
| | Sullom Voe | 25.5 | -6 | E'S | 4 | c.bc | 59 | 52 | 8 | S | - | - | 5 | 5 | - | 12 | - |
| 17 | Blacksod Point | 16.9 | -8 | ESE | 4 | o | 64 | 60 | 6 | 6 | - | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head | 18.3 | -6 | ESE | 3 | bc | 66 | 58 | 6 | 4 | 6 | - | 7 | 3 | - | 15 | - |
| | Aldergrove | 21.0 | 0 | ESE | 4 | zo | 60 | 55 | 5 | S | - | - | 8 | 8 | - | 8 | - |
| | Cas. Archdale | 18.9 | -6 | SE | 3 | zo | 68 | 58 | 6 | 1 | 4 | 2 | 5 | 2 | 3 | 15 | - |
| 19 | Birr Castle | 17.9 | +2 | S | 4 | c | 65 | 61 | 8 | S | 2 | - | 8 | 8 | - | 25 | - |
| | Collinstown | 19.5 | -2 | SE | 4 | zo | 63 | 55 | 6 | - | [illegible] | - | 6 | 6 | - | - | - |
| 20 | Foynes | 16.7 | +6 | ESE | 4 | iro | 62 | 60 | 7 | S | - | - | 8 | 8 | - | 15 | - |
| | Valentia | 15.9 | +12 | SE'S | 3 | iro | 65 | 61 | 7 | S | - | - | 8 | 8 | - | 15 | - |
| | Roches Point | 17.6 | +6 | E'S | 4 | zo | 62 | 60 | 6 | S | - | - | 8 | 8 | - | 8 | - |

## OBSERVATIONS at 18h. G.M.T. August 2nd

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A 0-9 (29) | Low B. 0-9 (30) | Height of Base A. (31) | Height of Base B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 20.0 | -2 | E | 3 | zo | 68 | 56 | 6 | S | - | - | 2 | 2 | - | 25 | - | 0 | * |
| Croydon | 20.2 | -6 | ENE | 3 | zo | 64 | 57 | 6 | S | - | - | 7 | 7 | - | 15 | - | 0 | * |
| Boscombe Down | 18.8 | -6 | ENE | 3 | b | 70 | 58 | 7 | S | - | - | 1 | 1 | - | 30 | - | 0 | * |
| Thorney Island | 18.8 | -6 | ESE | 3 | b.bc | 69 | 62 | 7 | S | - | - | 3 | 3 | - | 40 | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 20.2 | -4 | ENE | 4 | id. | 61 | 59 | 5 | S | - | - | 8 | 8 | - | 8 | - | 0 | § |
| Manston | 20.8 | -2 | NE | 3 | d.d. | 60 | 59 | 5 | S | - | - | 8 | 5 | 8 | 3 | 8 | 0 | * |
| North Weald | 21.1 | -2 | ENE | 3 | zo | 66 | 56 | 6 | S | - | - | 3 | 3 | - | 25 | - | 0 | * |
| Felixstowe | 21.4 | -6 | NE'N | 3 | c | 60 | 56 | 7 | S | - | - | 8 | 8 | - | 12 | - | 0 | 2 |
| Gorleston | 21.9 | -4 | NE | 3 | c | 59 | 57 | 7 | S | - | - | 8 | 8 | - | 12 | - | 0 | 2 |
| Mildenhall | 21.1 | -2 | E | 3 | c | 64 | 57 | 7 | S | - | - | 7 | 7 | - | 20 | - | 0 | * |
| Bircham Newton | 22.0 | -4 | ENE | 3 | c | 58 | 55 | 7 | S | - | - | 8 | 8 | - | 9 | - | 0 | * |
| Cranwell | 21.8 | -6 | NE | 2 | b | 61 | 54 | 8 | S | - | - | 2 | 2 | - | 25 | - | 0 | * |
| Cranfield | 20.1 | -14 | ENE | 2 | b.bc | 68 | 56 | 7 | S | - | - | 3 | 3 | - | 20 | - | 0 | * |
| Honiley | 20.8 | -6 | ENE | 3 | zo. | 62 | 57 | 6 | S | - | - | 5 | 5 | - | 15 | - | 0 | * |
| Little Rissington | 19.4 | -2 | ENE | 3 | b | 65 | 57 | 7 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Shobden | 19.6 | -16 | E | 3 | zo | 69 | 58 | 6 | 1 | - | - | 3 | 3 | - | 30 | - | 0 | * |
| Bristol | 18.6 | -8 | E | 3 | b | 73 | 58 | 7 | 1 | - | - | 1 | 1 | - | 35 | - | 0 | * |
| Chivenor | 17.2 | -8 | SE | 3 | c.bc | 71 | 58 | 7 | S | 7 | 2 | 5 | 1 | 2 | 30 | 40 | 0 | * |
| Yeovilton | 17.8 | -6 | ESE | 3 | b.bc | 73 | 67 | 7 | 1 | - | 5 | 3 | 2 | 2 | 30 | - | 0 | * |
| Portland Bill | 17.9 | -6 | E | 4 | c.bc | 62 | 59 | 7 | S | - | - | 5 | 5 | - | 50 | - | 1 | 4 |
| Exeter | 18.1 | -8 | SSE | 3 | bc | 64 | 60 | 7 | - | - | - | 4 | 4 | - | 100 | - | 0 | * |
| Plymouth | 17.2 | -8 | E | 5 | c | 64 | 59 | 7 | - | - | 6 | 7 | 7 | - | - | - | 0 | 3 |
| St. Eval | 17.3 | -10 | ESE | 4 | zo | 63 | 59 | 6 | S | 7 | 6 | 7 | 2 | 3 | 20 | - | 0 | * |
| The Lizard | 16.0 | -4 | ENE | 6 | zo | 61 | 59 | 5 | S | - | - | 8 | 8 | - | 7 | - | | |
| Scilly, St. Marys | 16.1 | +2 | ESE | 5 | zo | 62 | 59 | 6 | S | 2 | - | 8 | 4 | 4 | 10 | 40 | 0 | 5 |
| Fairwood | 18.1 | -12 | ESE | 3 | b.bc | 70 | 60 | 7 | S | - | - | 3 | 1 | 3 | 20 | - | 0 | * |
| Pembroke | 18.4 | -4 | E'S | 5 | c | 66 | 57 | 6 | 7 | - | - | 5 | 5 | - | 25 | - | 0 | 3 |
| Aberporth | 18.3 | -6 | SSE | 3 | b | 71 | 59 | 7 | - | - | 1 | 1 | 1 | - | - | - | 0 | 2 |
| Penrhos | 19.0 | -6 | ESE | 4 | b | 70 | 61 | 7 | - | 4 | - | 1 | 1 | - | - | - | 0 | 3 |
| Holyhead, Valley | 20.5 | -2 | N'W | 3 | zo | 66 | 57 | 6 | - | - | - | 0 | 0 | - | - | - | 0 | 1 |
| Hawarden | 20.7 | -4 | ESE | 3 | zo | 65 | 58 | 6 | S | - | - | 1 | 1 | - | 25 | - | 0 | * |
| Manchester | 21.1 | -2 | SE | 3 | zo | 65 | 58 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Squires Gate | 20.8 | 0 | E'S | 3 | c.bc | 67 | 59 | 6 | 2 | 3 | - | 5 | 3 | 4 | 30 | - | 0 | * |
| Silloth | 20.7 | -2 | WNW | 2 | zo | 69 | 61 | 6 | 8 | - | - | 3 | 3 | - | 40 | - | 0 | * |
| Ashbourne | 22.1 | -8 | ENE | 2 | zo | 58 | 56 | 6 | S | - | - | 5 | 3 | 4 | 8 | 8 | 0 | * |
| Snaith | 22.6 | -6 | ESE | 3 | b | 64 | 55 | 7 | S | - | - | 1 | 1 | - | 30 | - | 0 | * |
| Spurn Head | 23.3 | -6 | ENE | 3 | o | 57 | 52 | 8 | S | - | - | 8 | 8 | - | 15 | - | 0 | 1 |
| Catterick (Sc.) | 22.9 | -2 | NNE | 3 | zo | 62 | 56 | 6 | 1 | - | - | 1 | 1 | - | 45 | - | 0 | * |
| Tynemouth | 24.1 | -6 | E | 2 | c | 57 | 53 | 7 | 2 | - | - | 6 | 6 | - | 22 | - | 1 | 2 |
| Acklington | 23.8 | -2 | ESE | 2 | c | 56 | 52 | 8 | S | - | - | 8 | 7 | - | 12 | - | 0 | |
| St. Abb's Head | 23.1 | -4 | SE | 3 | c | 55 | 51 | 8 | S | - | - | 6 | 6 | - | 20 | - | 0 | 3 |
| Leuchars | 23.3 | -4 | E | 2 | zo | 57 | 53 | 6 | S | - | - | 7 | 5 | 7 | 7 | 15 | 1 | * |
| Montrose | 24.7 | -6 | SE | 2 | c | 57 | 53 | 7 | S | 7 | - | 8 | 7 | 8 | 18 | - | 0 | * |
| Abbotsinch | 20.8 | -2 | E'N | 3 | zo | 67 | 59 | 6 | 1 | - | - | 4 | 4 | - | 25 | - | 1 | * |
| Prestwick | 20.7 | -2 | USW | 2 | zo | 68 | 58 | 5 | 1 | - | - | 1 | 1 | - | 30 | - | 0 | * |
| West Freugh | 20.6 | -6 | ESE | 3 | zo | 65 | 58 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Eskdalemuir | 20.9 | -2 | NE'E | 3 | zo | 67 | 53 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Jurby, I. of Man | 20.6 | -6 | SE | 4 | zo | 68 | 57 | 5 | S | - | - | 1 | 1 | - | 30 | - | 0 | * |
| Machrihanish | 20.0 | -4 | SE | 4 | zo | 67 | 59 | 5 | - | 7 | - | 1 | 1 | - | 10 | - | 0 | 4 |
| Tiree | 19.8 | -6 | SE'S | 3 | zo | 61 | 57 | 6 | - | 3 | 9 | 4 | 3 | 2 | 100 | - | 0 | 3 |
| Oban | 20.6 | -2 | SSE | 1 | b | 71 | 63 | 6 | 1 | - | - | 1 | 1 | - | 40 | - | 0 | 1 |
| Stornoway | 19.1 | -4 | - | 0 | zo | 73 | 60 | 6 | S | 3 | - | 3 | 1 | 3 | 40 | - | 0 | 0 |
| Cape Wrath | 19.9 | -4 | SE | 2 | bc | 68 | 58 | 8 | S | 3 | - | 4 | 4 | - | 25 | - | 0 | 2 |
| Dalwhinnie | 21.0 | 0 | ENE | 4 | b | 68 | 52 | 7 | - | 4 | 5 | 2 | 1 | 2 | 100 | - | 0 | * |
| Aberdeen | 23.5 | -6 | S'E | 3 | c | 57 | 53 | 7 | S | - | - | 6 | 6 | - | 8 | - | 0 | * |
| Fraserburgh | 22.9 | -10 | S'E | 4 | zo | 58 | 53 | 6 | S | - | - | 3 | 3 | - | 10 | - | 0 | * |
| Alness | 20.0 | -6 | ENE | 2 | b | 69 | 61 | 7 | - | - | 1 | 1 | 1 | - | - | - | 0 | * |
| Wick | 22.2 | -6 | SSE | 4 | zo | 57 | 56 | 6 | S | - | 1 | 4 | 4 | 1 | 4 | - | 0 | * |
| Hatston | 23.1 | -6 | SE | 4 | c | 57 | 51 | 7 | S | - | - | 5 | 3 | 5 | 8 | 15 | * | * |
| Sumburgh | 24.7 | -6 | E | 3 | c | 56 | 53 | 8 | S | - | - | 6 | 6 | - | 9 | - | 0 | 2 |
| Sullom Voe | 24.5 | -6 | E | 3 | c.bc | 58 | 53 | 9 | S | 3 | - | 5 | 1 | 5 | 14 | 25 | 0 | * |
| Blacksod Point | 17.5 | +6 | SSW | 3 | c | 65 | 61 | 6 | S | - | - | 8 | 8 | - | 8 | - | 0 | 3 |
| Malin Head | 18.6 | +2 | - | 0 | c | 64 | 60 | 6 | 4 | 6 | - | 7 | 4 | - | 15 | - | 1 | 1 |
| Aldergrove | 19.5 | -10 | ESE | 3 | zo | 65 | 58 | 6 | - | 3 | - | 3 | 3 | - | - | - | 0 | * |
| Cas. Archdale | 18.7 | 0 | SSE | 2 | zo | 67 | 59 | 6 | S | 7 | 6 | 7 | 5 | 5 | 35 | - | 0 | * |
| Birr Castle | 15.5 | +4 | S | 2 | c | 63 | 59 | 8 | S | 2 | - | 8 | 5 | - | 25 | - | 0 | * |
| Collinstown | 19.1 | -2 | ESE | 3 | zo | 61 | 57 | 6 | S | 3 | - | 5 | 2 | - | 75 | - | 0 | * |
| Foynes | 17.7 | +6 | SE | 3 | o/d | 63 | 59 | 6 | S | - | - | 8 | 8 | - | 9 | - | 1 | * |
| Valentia | 17.5 | +6 | SSE | 2 | c | 64 | 60 | 8 | S | - | - | 8 | 8 | - | 15 | - | 1 | 2 |
| Roches Point | 18.1 | 0 | E'S | 4 | zo | 62 | 61 | 6 | S | - | - | 8 | 8 | - | 8 | - | 1 | 4 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 2nd (41) | 12h.–18h. 2nd (42) | 18h. to 00h. 3rd (43) | 00h.–06h. 3rd (44) |
|---|---|---|---|---|
| Kew | irzo | cbcbzo | bcccmo | cmo |
| Croydon | cmo | czomobc | oidom | omocmo |
| Boscombe Down | c | cbcby | bbmocmo | cbmomoe |
| Thorney Island | cmob | b | cmo | cmbmcmo |
| Friston | | | | |
| Lympne | cidocmo | czoidr | cidomcm | cmobcmo |
| Manston | cidodmo | cdodmo | cdodmo | cmo |
| North Weald | cdodocmo | cbczo | cmoidom | cmo |
| Felixstowe | cmoc | c | cdodmo | oidomo |
| Gorleston | o | c | oidozo | zidoo |
| Mildenhall | cidomoc | ccmobc | ccmo | cccmo |
| Bircham Newton | cmoc | bcc | oidomo | dofo |
| Cranwell | cfcm | cmobc | ccmo | cmocmc |
| Cranfield | cdodom | cmob | bbco | dodomo |
| Honiley | oidodomo | cmo | cmobmcm | omdodom |
| Little Rissington | cmoidocm | bczob | bbcomo | cidmocm |
| Shobden | cmo | czocbc | bzomo | cmfdomo |
| Bristol | cmo | czobcy | bybmo | cmow |
| Chivenor | cmoc | cbcbcy | cbcmo | bcmocmo |
| Yeovilton | c | cbcbc | bbzbf | bfomoz |
| Portland Bill | oo | c | co | o |
| Exeter | cmo | bcmoc | cmbcmo | ofgmo |
| Plymouth | cmoc | cmoc | c | cocmo |
| St. Eval | cmobcz | bczocm | cbcmo | cmo |
| The Lizard | pz | | ocz | cprmo |
| Scilly, St. Marys | c | c cmob | c bbcmo | c bcmcmo |
| Fairwood | cmo | cxbcmo | cbcmo | cmo |
| Pembroke | bcgmo | cbzoyb | * | bwbc |
| Aberporth | bzobczo | | | |
| Penrhos | bwb | b | bbmow | bmwbfofw |
| Holyhead, Valley | bzo | bzo | bmofw | bmow |
| Hawarden | cdodocm | cmo | b | bcmcmdodo |
| Manchester | cmow | bcbzo | bzomo | bmocm |
| Squires Gate | cmo | cmobczo | bcmobm | bmmo |
| Silloth | bmozo | bbcbcmo | bmo | cbmo |
| Ashbourne | cdodof | cmo | bmocmo | cmoffe |
| Snaith | oidobmocmo | cmobcb | bbcc | cmoc |
| Spurn Head | o | o | o | o |
| Catterick (Sc.) | cdodomoc | cbcmo | bcmocmo | cmo |
| Tynemouth | bmi, d | cmoc | c | c |
| Acklington | cmod | cmoc | c | c |
| St. Abb's Head | fom | c | cco | o |
| Leuchars | omo | omocmo | c | c |
| Montrose | ccrdoc | comoozo | c | c |
| Abbotsinch | cbmo | bbcmo | bccmo | cmo |
| Prestwick | bmozoy | bybzo | bzobczbm | bcmgmdw |
| West Freugh | bcmopro | cmobcz | bbmbcm | cmomcmo |
| Eskdalemuir | bcmzobzo | bczo | bzowcf | cfwmw |
| Jurby, I. of Man | bccmobcc | bcbzo | bmo | bmbcmw |
| Machrihanish | z | z | z | zm |
| Tiree | cmo | cmobcm | bcmobcm | cbcmobcm |
| Oban | bc, b | bbyb | bccmo | cmo |
| Stornoway | bcmowm | cmobcm | bczmbcm | bcmbmw |
| Cape Wrath | cbc | cb | cbc | bc |
| Dalwhinnie | cbc | bcb | * | bbcc |
| Aberdeen | omoc | c | cbcc | c |
| Fraserburgh | cmocbc | bccbcm | bcmobc | cmo f |
| Alness | cmobczb | b | bmo | bmowof |
| Wick | omo | cmobcc | bcb | b |
| Hatston | foo | c | c | bcc |
| Sumburgh | c | c | c | cbcc |
| Sullom Voe | cbc | bc | cbc | bcjf |
| Blacksod Point | c | r | d | c |
| Malin Head | b | c | c | c |
| Aldergrove | cmo | cmobcz | bczobmow | bmovcmo |
| Cas. Archdale | cbcmo | bcczo | zcmo | cmo |
| Birr Castle | c | c | * | c |
| Collinstown | c | bc | bc | f |
| Foynes | r | d | c | r |
| Valentia | r | d | d | c |
| Roches Point | c | d | c | c |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present. B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

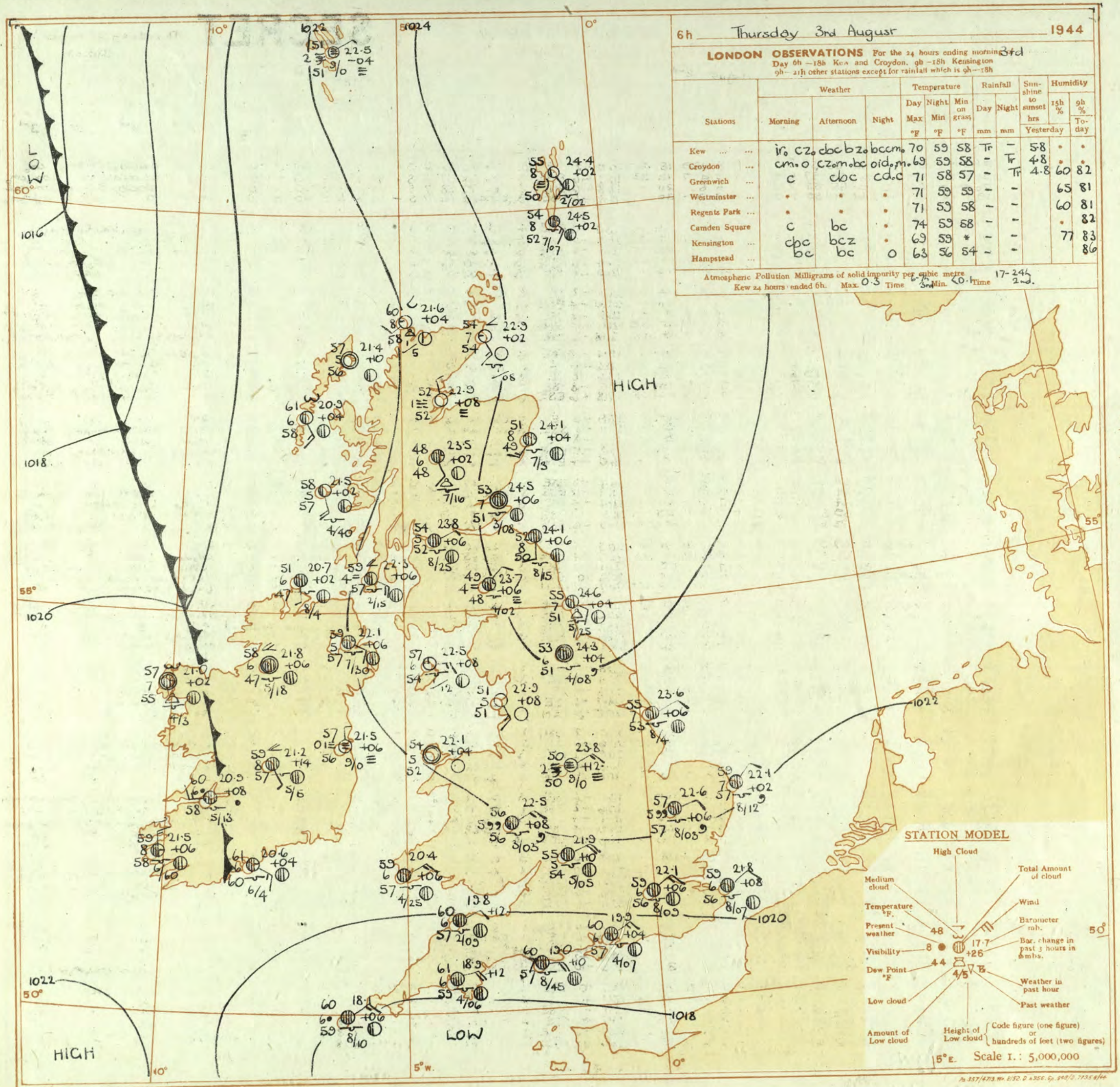
NELSON K. JOHNSON, K.C.B., D.Sc., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Thursday 3rd August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning 3rd
Day 6h –18h Kew and Croydon, 9h –18h Kensington
9h– 21h other stations except for rainfall which is 9h–18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % Today |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | ir. cz. | cbc bz. | bccm. | 70 | 59 | 58 | Tr | – | 5·8 | • | • |
| Croydon ... | cm. o | czo m. bc | oid. m. | 69 | 59 | 58 | – | Tr | 4·8 | • | • |
| Greenwich ... | c | cbc | cd. c | 71 | 58 | 57 | – | Tr | 4·8 | 60 | 82 |
| Westminster ... | • | • | • | 71 | 59 | 59 | – | – | | 65 | 81 |
| Regents Park ... | • | • | • | 71 | 59 | 58 | – | – | | 60 | 81 |
| Camden Square | c | bc | • | 74 | 59 | 58 | – | – | | • | 82 |
| Kensington ... | cbc | bcz | • | 69 | 59 | * | – | – | | 77 | 83 |
| Hampstead ... | bc | bc | o | 63 | 56 | 54 | – | – | | | 86 |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max. 0·3 Time 6–7h 3rd Min. <0·1 Time 17–24h 2nd.



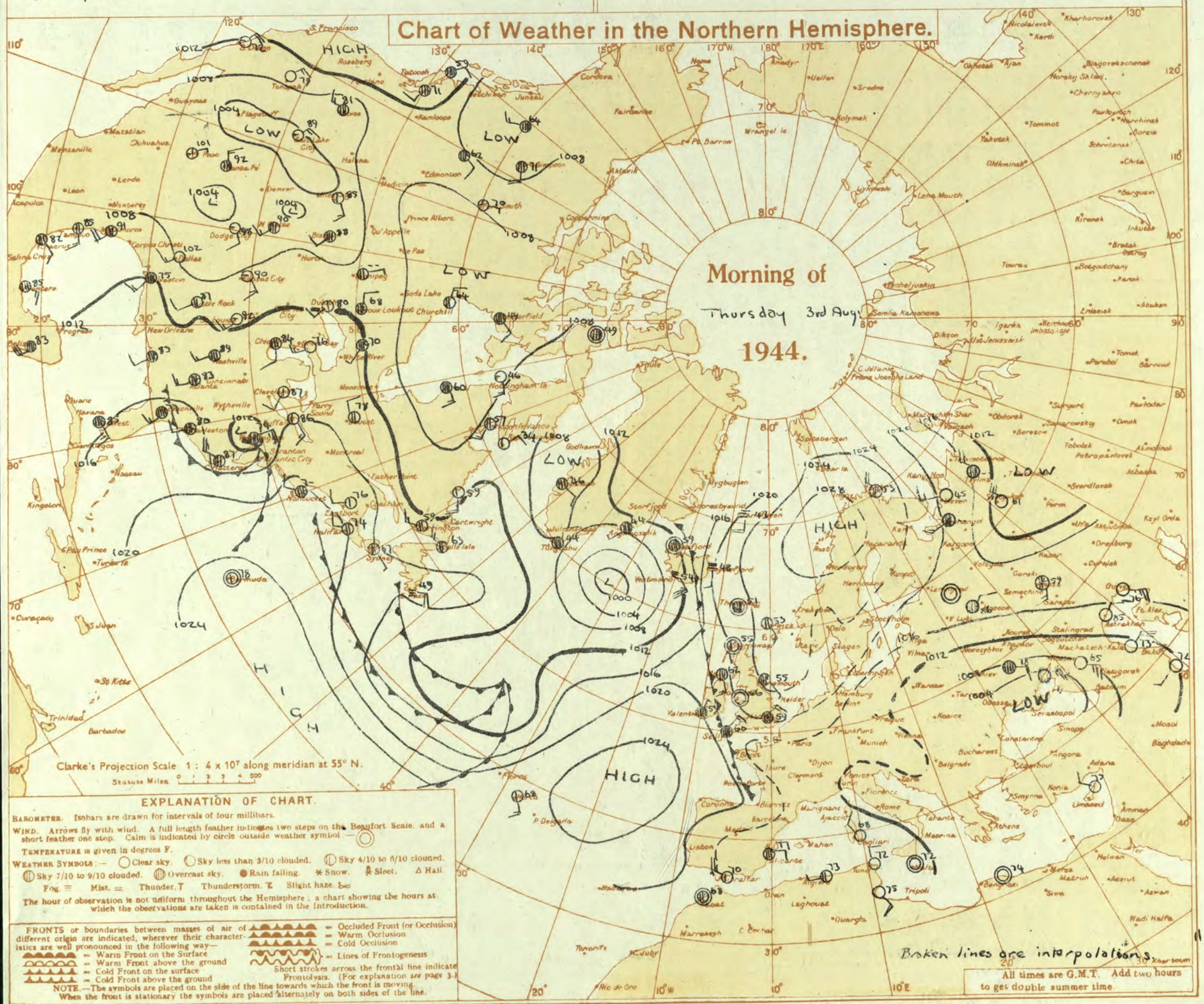

H.M.S.O. Press, M.O., Dunstable.

## GENERAL INFERENCE

Pressure is high to the Northeast of the British Isles and is also building from the Southwest. A trough of West Scotland and over West Ireland is moving slowly towards Scotland. It will be cloudy in most areas at first, but clouds expected to break up inland to the west during the afternoon and it will probably be fine this evening except in coastal areas. Cloud will return again tonight, local rain will occur in West Scotland later. It will be mainly rather cool but may become rather warm in the Midlands and further west during the late afternoon.

## FURTHER OUTLOOK

Little change.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere ; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Thursday 3rd August 1944

No. 30205.

## OBSERVATIONS at 00hr. G.M.T. 3rd August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force (4) | Weather. (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud. Form. Low. (9) | Form. Med. (10) | Form. High. (11) | Amount. Total. 0–9 (12) | Amount. Low. A. 0–9 (13) | Amount. Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 68 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 21·6 | +6 | NE'E | 3 | id. | 59 | 57 | 4 | 5 | – | – | 8 | 8 | – | 4 | – |
| | Boscombe Down | 417 | 20·1 | +2 | ENE | 4 | 2o | 59 | 57 | 6 | 5 | – | – | 8 | 8 | – | 6 | – |
| | Thorney Island | 10 | 19·9 | +2 | ENE | 3 | 2o | 62 | 57 | 5 | 5 | – | – | 8 | 4 | 8 | 9 | 15 |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 21·1 | +4 | NE | 3 | 2o | 58 | 56 | 6 | 5 | – | – | 8 | 8 | – | 4 | – |
| | Manston ... | 140 | 21·7 | +6 | NE | 2 | 2o | 59 | 57 | 5 | 5 | – | – | 8 | 8 | – | 6 | – |
| 2 | North Weald | 244 | 22·2 | +6 | ENE | 3 | do. | 57 | 56 | 4 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Felixstowe ... | 10 | 22·1 | +2 | NE'N | 2 | id. | 59 | 58 | 6 | 5 | – | – | 8 | 8 | – | 8 | – |
| | Gorleston ... | 5 | 22·3 | +2 | NE | 3 | id. | 58 | 57 | 5 | 6 | – | – | 8 | 8 | – | 10 | – |
| | Mildenhall | 15 | 22·5 | +4 | ENE | 2 | 2o | 57 | 56 | 6 | 5 | – | – | 8 | 8 | – | 4 | – |
| | Bircham Newton | 221 | 23·1 | +2 | ENE | 3 | id. | 55 | 55 | 5 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Cranwell ... | 203 | 23·6 | +6 | NE | 2 | 2o | 54 | 54 | 5 | 5 | – | – | 8 | 8 | – | 4 | – |
| 3 | Cranfield ... | 340 | 22·0 | +6 | NE | 4 | c | 59 | 56 | 7 | 5 | – | – | 8 | 8 | – | 7 | – |
| | Honiley ... | 427 | 22·2 | +4 | NE | 3 | 2o | 57 | 56 | 5 | 5 | – | – | 8 | 8 | – | 6 | – |
| 4 | Little Rissington | 731 | 21·1 | +2 | NE'E | 3 | 2o | 57 | 56 | 5 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Shobden ... | 318 | 21·8 | +2 | ENE | 1 | 2o | 57 | 55 | 5 | 5 | – | – | 8 | 8 | – | 10 | – |
| 5 | Bristol ... | 209 | 20·7 | +4 | E | 1 | 3o | 57 | 56 | 5 | 5 | – | – | 2 | 2 | – | 70 | – |
| | Chivenor ... | 20 | 18·6 | 0 | NNW | 1 | 7o | 60 | 57 | 6 | 9 | 4 | 1 | 5 | 3 | – | 57 | – |
| | Yeovilton | 50 | 19·4 | +6 | NE'E | 2 | fg | 58 | 58 | 5 | – | 7 | 1 | 3 | 3 | – | – | – |
| | Portland Bill | 32 | 18·6 | +2 | E | 4 | 0 | 60 | 57 | 7 | 5 | – | – | 8 | 8 | – | 45 | – |
| | Exeter ... | 100 | 19·2 | 0 | NNW | 1 | 2o | 56 | 56 | 5 | – | – | 6 | 5 | 5 | – | – | – |
| | Plymouth ... | 86 | 17·8 | -2 | E | 5 | 2o | 62 | 59 | 6 | – | – | 9 | 5 | 5 | – | – | – |
| | St. Eval ... | 345 | 18·6 | +6 | E | 2 | 2o | 59 | 57 | 6 | 5 | 7 | 1 | 5 | 3 | 4 | 10 | – |
| | The Lizard | 240 | 16·5 | +2 | ENE | 5 | 2o | 61 | 60 | 6 | 5 | – | – | 7 | 7 | – | 8 | – |
| | Scilly, St. Marys | 163 | 17·4 | +10 | NE'E | 3 | 2o | 60 | 59 | 6 | 5 | – | – | 8 | 8 | – | 15 | – |
| 6 | Fairwood ... | 268 | 19·6 | +4 | ENE | 1 | 2o | 60 | 58 | 5 | – | – | 2 | 4 | 4 | – | – | – |
| | Pembroke ... | 142 | 19·4 | 0 | NE'E | 3 | 2o | 62 | 58 | 6 | – | 7 | – | 4 | 3 | – | 25 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 20·4 | +6 | – | 0 | 2o | 61 | 57 | 6 | – | 4 | – | 1 | 1 | – | – | – |
| | Holyhead, Valley | 32 | 21·1 | +4 | – | 0 | bf | 56 | 54 | 4 | – | – | – | 0 | 0 | 0 | – | – |
| | Hawarden | 15 | 22·4 | +2 | SSE | 2 | bf | 49 | 49 | 1 | – | – | – | 0 | 0 | 0 | – | – |
| 8 | Manchester | 230 | 22·5 | +2 | – | 0 | 2o | 52 | 50 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Squires Gate | 30 | 22·4 | +2 | E | 2 | m | 56 | 54 | 4 | – | – | – | 0 | 0 | 0 | – | – |
| | Silloth ... | 25 | 23·1 | +8 | ENE | 4 | 2o | 55 | 54 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| 9 | Ashbourne ... | 590 | 23·4 | +4 | ENE | 3 | m | 52 | 52 | 4 | 5 | – | – | 8 | 8 | – | 6 | – |
| | Snaith ... | 30 | 24·4 | +6 | E'N | 2 | 2o | 54 | 51 | 6 | 5 | – | – | 8 | 8 | – | 8 | – |
| 10 | Spurn Head | 29 | 23·5 | 0 | ENE | 2 | 0 | 56 | 52 | 7 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Catterick (Sc.) | 195 | 24·2 | +2 | N | 2 | 2o | 53 | 53 | 6 | 5 | – | – | 8 | 8 | – | 12 | – |
| | Tynemouth | 108 | 25·0 | +4 | ESE | 1 | c | 55 | 51 | 7 | 5 | – | – | 7 | 7 | – | 25 | – |
| | Acklington | 138 | 22·8 | +2 | SE | 1 | c | 53 | 51 | 7 | 5 | – | – | 8 | 8 | – | 9 | – |
| 11 | St. Abb's Head | 280 | 24·1 | +4 | SE | 3 | 0 | 51 | 49 | 7 | 5 | – | – | 8 | 8 | – | 20 | – |
| | Leuchars ... | 31 | 24·4 | +2 | – | 0 | c | 54 | 52 | 7 | 5 | – | – | 8 | 8 | – | 10 | – |
| | Montrose ... | 22 | 25·6 | +2 | – | 0 | c | 53 | 51 | 7 | 5 | – | 1 | 8 | 5 | 8 | 8 | 25 |
| 12 | Abbotsinch | 19 | 23·0 | +6 | E | 1 | 2o | 56 | 54 | 5 | 5 | – | – | 8 | 8 | – | 20 | – |
| | Prestwick ... | 30 | 22·5 | +12 | NE | 1 | 2o | 58 | 55 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | West Freugh | 53 | 21·9 | +8 | ESE | 2 | m | 61 | 59 | 4 | 5 | – | – | 7 | 4 | 7 | 6 | 15 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 28·1 | +6 | SE | 3 | 2o | 60 | 57 | 6 | 5 | – | – | 1 | 1 | – | 15 | – |
| 13A | Machrihanish | 35 | 21·9 | +14 | SE'E | 3 | 2o | 60 | 57 | 4 | – | – | – | 0 | 0 | 0 | – | – |
| | Tiree ... | 44 | 21·2 | +6 | SSE | 3 | 2o | 59 | 57 | 5 | 5 | 3 | – | 6 | 5 | 3 | 50 | – |
| | Oban ... | 74 | 22·6 | +8 | – | 0 | 2o | 62 | 59 | 6 | – | – | – | 8 | 8 | – | 25 | – |
| 13B | Stornoway ... | 12 | 20·5 | +6 | – | 0 | bc | 55 | 53 | 6 | – | 4 | – | 3 | 3 | – | 30 | – |
| | Cape Wrath | 367 | 20·9 | +4 | SE | 1 | bc | 64 | 60 | 8 | 5 | 4 | – | 4 | 1 | – | 25 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 24·4 | -2 | SSE | 3 | 2o | 51 | 50 | 6 | 5 | – | – | 8 | 5 | 8 | 8 | 15 |
| | Fraserburgh | 76 | 24·2 | 0 | S | 3 | c | 51 | 50 | 7 | 5 | – | – | 7 | 7 | – | 6 | – |
| | Alness ... | 63 | 22·4 | +14 | – | 0 | 2o | 52 | 51 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Wick ... | 114 | 22·9 | +2 | SE | 2 | 2o | 54 | 53 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| 16 | Hatston ... | 45 | 23·2 | -2 | S'E | 4 | 2o | 53 | 52 | 6 | 5 | – | – | 5 | 4 | 5 | 5 | 8 |
| | Sumburgh ... | 15 | 24·7 | 0 | E'N | 2 | c | 55 | 52 | 8 | 5 | – | – | 6 | 6 | – | 9 | – |
| | Sullom Voe | 12 | 24·6 | 0 | SE | 3 | bc | 53 | 51 | 8 | 5 | – | – | 4 | 4 | – | 10 | – |
| 17 | Blacksod Point * | 18 | 19·5 | +10 | W | 1 | dd | 59 | 58 | 6 | – | 2 | – | 8 | 8 | – | 8 | – |
| 18 | Malin Head * | 84 | 20·1 | +6 | SSE | 3 | c-bc | 62 | 58 | 6 | – | – | 2 | 5 | 0 | – | – | – |
| | Aldergrove | 294 | 21·6 | +6 | E'S | 2 | 2o | 55 | 53 | 6 | – | 7 | 1 | 4 | 4 | 1 | – | – |
| | Cas. Archdale | 240 | 21·2 | +10 | ESE | 1 | 2o | 60 | 58 | 6 | 5 | 3 | – | 7 | 3 | 7 | 25 | – |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown * | 220 | 21·0 | +4 | NE | 1 | 2o | 55 | 54 | 6 | – | 3 | 2 | 5 | – | – | – | – |
| 20 | Foynes ... * | 3 | 19·5 | +8 | SE'E | 3 | 2o | 61 | 59 | 6 | 5 | – | – | 8 | 8 | – | 26 | – |
| | Valentia ... * | 30 | 20·2 | +6 | N'E | 1 | id. | 59 | 58 | 6 | 5 | – | – | 8 | 8 | – | 8 | – |
| | Roches Point * | 22 | 20·1 | +8 | ESE | 4 | 2o | 60 | 59 | 6 | 5 | – | – | 8 | 8 | – | 8 | – |

* Minimum temperatures and rainfall read at 0700 G.M.T.

## OBSERVATIONS at 06hr. G.M.T. 3rd August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force. (20) | Weather. (21) | Temp. °F. (22) | Dew Point. °F. (23) | Visibility. 0–9 (24) | Cloud. Form. Low. (25) | Form. Med (26) | Form. High. (27) | Amount. Total. 0–9 (28) | Amount. Low. A. 0–9 (29) | Amount. Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 22·7 | +8 | NE | 2 | 2o | 60 | 54 | 5 | 5 | – | – | 8 | 8 | – | 18 | – | 0 | * |
| Croydon ... | 22·1 | +6 | NE | 3 | 2o | 59 | 56 | 6 | 5 | – | – | 8 | 8 | – | 9 | – | 1 | * |
| Boscombe Down | 20·7 | +6 | E | 3 | 2o | 58 | 57 | 5 | 5 | – | – | 8 | 8 | – | 3 | – | 0 | * |
| Thorney Island | 19·9 | +4 | NE'E | 3 | 2o | 60 | 57 | 6 | 5 | – | – | 7 | 4 | 7 | 7 | 15 | 0 | * |
| Friston ... | | | | | | | | | | | | | | | | | | * |
| Lympne ... | 20·7 | +4 | NNE | 3 | 2o | 59 | 57 | 6 | 5 | – | – | 5 | 5 | 5 | 4 | 8 | 0 | §3 |
| Manston ... | 21·8 | +8 | NE'N | 2 | 2o | 59 | 56 | 6 | 5 | – | – | 8 | 8 | – | 7 | – | 0 | * |
| North Weald | 22·9 | +4 | ENE | 4 | 2o | 57 | 55 | 6 | 5 | – | – | 8 | 5 | 8 | 10 | 15 | 0 | * |
| Felixstowe ... | 22·2 | +6 | NNE | 2 | do. | 58 | 57 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 0 | 1 |
| Gorleston ... | 22·1 | +2 | NNE | 2 | o | 59 | 57 | 7 | 5 | – | – | 8 | 8 | – | 12 | – | 0 | 2 |
| Mildenhall | 22·6 | +6 | E'N | 2 | do. | 57 | 57 | 5 | 5 | – | – | 8 | 8 | – | 3 | – | 1 | * |
| Bircham Newton | 22·8 | +6 | ENE | 3 | df | 56 | 56 | 3 | 5 | – | – | 8 | 8 | – | – | – | 1 | * |
| Cranwell ... | 23·3 | +6 | ENE | 1 | do. | 54 | 53 | 4 | 5 | – | – | 8 | 8 | – | 2 | – | 1 | * |
| Cranfield ... | 22·1 | +6 | NE | 2 | 2o | 56 | 54 | 6 | 5 | – | – | 8 | 8 | – | 4 | – | 0 | * |
| Honiley ... | 22·8 | +10 | E | 3 | id. | 54 | 54 | 5 | 5 | – | – | 8 | 6 | 8 | 3 | 8 | 1 | * |
| Little Rissington | 21·9 | +10 | ENE | 4 | 2o | 55 | 54 | 5 | 5 | – | – | 8 | 5 | 8 | 5 | 8 | 1 | * |
| Shobden ... | 22·5 | +8 | NE | 3 | do. | 56 | 56 | 5 | 5 | – | – | 8 | 3 | 8 | 3 | 4 | 1 | * |
| Bristol ... | 21·1 | +4 | NE | 2 | 2o | 59 | 56 | 6 | 5 | – | – | 8 | 6 | 8 | 15 | 25 | 0 | * |
| Chivenor ... | 19·8 | +12 | ENE | 2 | 2o | 60 | 57 | 6 | 5 | – | – | 8 | 2 | 8 | 9 | 15 | 0 | * |
| Yeovilton | 19·9 | +4 | NE'E | 3 | 2o | 60 | 59 | 5 | 5 | – | – | 8 | 8 | – | 10 | – | 0 | * |
| Portland Bill | 19·0 | +10 | E | 4 | 0 | 60 | 57 | 7 | 5 | – | – | 8 | 8 | – | 45 | – | 1 | 4 |
| Exeter ... | 19·3 | +2 | NE | 3 | 2o | 60 | 55 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 0 | * |
| Plymouth ... | 18·9 | +12 | E'N | 4 | 2o | 61 | 59 | 6 | 5 | – | – | 8 | 4 | 4 | 6 | 8 | 0 | 3 |
| St. Eval ... | 19·2 | +10 | NE | 1 | 2o | 61 | 60 | 5 | 5 | – | – | 8 | 8 | 3 | 9 | – | 0 | * |
| The Lizard | 17·0 | +4 | ENE | 6 | 9pr | 60 | 60 | 4 | 5 | – | – | 8 | 8 | – | 3 | – | 1 | 4 |
| Scilly, St. Marys | 18·1 | +6 | NE | 3 | 1o | 60 | 59 | 6 | 5 | – | – | 8 | 8 | – | 10 | – | 1 | 4 |
| Fairwood ... | 20·8 | +10 | – | 0 | 2o | 59 | 57 | 5 | 5 | – | – | 8 | 5 | 8 | 8 | 15 | 0 | * |
| Pembroke ... | 20·4 | +6 | ENE | 3 | 2o | 59 | 57 | 6 | 5 | – | – | 8 | 4 | – | 25 | – | 0 | 2 |
| Aberporth ... | 21·0 | +12 | SE'E | 1 | 2o | 55 | 53 | 6 | 5 | 7 | – | 4 | 3 | 3 | 4 | – | 0 | 1 |
| Penrhos ... | 20·9 | +6 | – | 0 | fg | 58 | 54 | 7 | – | – | – | 0 | 0 | 0 | – | – | 0 | 1 |
| Holyhead, Valley | 22·1 | +4 | – | 0 | 2o | 54 | 52 | 5 | – | – | – | 0 | 0 | 0 | – | – | 0 | 1 |
| Hawarden | 22·9 | +4 | SE | 3 | do. | 54 | 54 | 4 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | * |
| Manchester | 23·3 | +10 | E | 1 | m | 52 | 51 | 4 | 5 | – | – | 7 | 7 | – | 5 | – | 0 | * |
| Squires Gate | 22·9 | +8 | SE'E | 2 | 2o | 51 | 51 | 5 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| Silloth ... | 23·5 | +8 | NE'N | 4 | 2o | 52 | 51 | 5 | 5 | – | – | 5 | 3 | 4 | 4 | 8 | 0 | * |
| Ashbourne ... | 23·8 | +12 | ENE | 3 | df | 50 | 50 | 2 | – | – | – | 9 | 9 | – | 0 | – | | * |
| Snaith ... | 24·7 | +8 | E | 2 | c | 53 | 51 | 7 | 5 | – | – | 8 | 4 | 8 | 8 | 15 | 0 | * |
| Spurn Head | 23·6 | +6 | ENE | 2 | 0 | 55 | 53 | 7 | 5 | – | – | 8 | 8 | – | 15 | – | 0 | * |
| Catterick (Sc.) | 24·3 | +4 | – | 0 | 2o | 53 | 51 | 6 | 5 | – | – | 8 | 4 | 8 | 8 | 15 | 1 | * |
| Tynemouth | 24·6 | +4 | ESE | 2 | ebc | 55 | 51 | 7 | 8 | – | – | 5 | 5 | – | 25 | – | 1 | 2 |
| Acklington | 20·4 | +2 | – | 0 | c | 53 | 51 | 7 | 5 | – | – | 7 | 5 | 7 | 8 | 15 | 0 | * |
| St. Abb's Head | 24·1 | +6 | S | 2 | c | 52 | 50 | 8 | 5 | – | – | 8 | 8 | – | 15 | – | 0 | 2 |
| Leuchars ... | 24·5 | +6 | – | 0 | c | 53 | 51 | 7 | 5 | – | – | 8 | 3 | 8 | 8 | 15 | 1 | * |
| Montrose ... | 25·8 | +8 | N | 1 | c | 52 | 50 | 7 | 5 | – | – | 8 | 4 | – | 18 | – | 0 | * |
| Abbotsinch | 23·8 | +6 | E'N | 1 | 2o | 54 | 52 | 5 | 5 | – | – | 8 | 8 | – | 25 | – | 1 | * |
| Prestwick ... | 23·1 | +6 | NNE | 3 | 2o | 55 | 52 | 6 | 5 | – | – | 7 | 7 | – | 28 | – | 0 | * |
| West Freugh | 22·4 | +6 | ESE | 2 | 2o | 60 | 57 | 6 | 5 | – | – | 7 | 7 | – | 10 | – | 0 | * |
| Eskdalemuir | 23·7 | +6 | NNE | 2 | m | 49 | 48 | 4 | 5 | – | – | 7 | 4 | 7 | 2 | 8 | 0 | * |
| Jurby, I. of Man | 22·5 | +8 | E | 3 | 2o | 57 | 54 | 6 | 5 | – | – | 2 | 1 | 1 | 12 | 40 | 0 | * |
| Machrihanish | 22·3 | +6 | E'S | 4 | m | 59 | 57 | 4 | 5 | 2 | – | 5 | 2 | 4 | 15 | 25 | 0 | 2 |
| Tiree ... | 21·5 | +2 | SSE | 4 | 2o | 58 | 57 | 5 | 5 | – | – | 4 | 4 | 3 | 40 | 57 | 0 | 3 |
| Oban ... | 22·9 | +2 | – | 0 | 2o | 61 | 58 | 6 | 5 | – | – | 6 | 2 | 6 | 20 | 25 | 0 | 1 |
| Stornoway ... | 21·4 | +10 | – | 0 | 2o | 57 | 56 | 5 | – | – | – | 0 | 0 | 0 | – | – | 0 | 1 |
| Cape Wrath | 21·6 | +4 | SW | 2 | bc | 60 | 58 | 8 | 2 | 4 | – | 1 | 1 | – | 25 | – | 0 | 1 |
| Dalwhinnie | 23·5 | +2 | SSE | 2 | c | 48 | 48 | 6 | 8 | – | – | 7 | 7 | – | 16 | – | 1 | * |
| Aberdeen† ... | 24·1 | +4 | SW | 3 | c | 51 | 49 | 8 | 5 | – | – | 7 | 7 | – | 8 | – | 0 | 2 |
| Fraserburgh | 24·2 | +2 | SE | 3 | 2o | 51 | 51 | 6 | 5 | – | – | 8 | 8 | – | 4 | – | 0 | * |
| Alness ... | 22·9 | +8 | NNW | 1 | if | 52 | 52 | 1 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| Wick ... | 22·9 | +2 | SSE | 3 | 2o | 54 | 54 | 7 | 5 | 1 | – | 1 | 1 | – | 8 | – | 0 | * |
| Hatston ... | 22·9 | +2 | SSE | 4 | c | 53 | 52 | 7 | 5 | – | – | 6 | 5 | 6 | 4 | 15 | * | * |
| Sumburgh ... | 24·5 | +2 | ESE | 3 | c | 54 | 52 | 8 | 5 | – | – | 7 | 7 | – | 7 | – | 0 | 1 |
| Sullom Voe | 24·4 | +2 | SSE | 2 | bbcf | 55 | 50 | 8 | 5 | – | – | 3 | 2 | – | 2 | – | 0 | * |
| Blacksod Point * | 21·0 | +2 | – | 0 | c | 57 | 55 | 7 | 8 | 5 | – | 6 | 4 | – | 8 | – | 1 | 1 |
| Malin Head * | 20·7 | +2 | S | 1 | c | 51 | 47 | 6 | 5 | – | – | 8 | 8 | – | 15 | – | 0 | 2 |
| Aldergrove | 22·1 | +6 | E'S | 2 | 2o | 59 | 57 | 5 | 5 | – | – | 7 | 7 | – | 30 | – | 1 | * |
| Cas. Archdale | 21·8 | +6 | – | 0 | 2o | 58 | 47 | 6 | 5 | 2 | – | 8 | 5 | 8 | 18 | – | 0 | * |
| Birr Castle ... | 21·2 | +14 | SSE | 1 | c | 59 | 57 | 8 | 5 | 2 | – | 8 | 5 | – | 25 | – | 0 | * |
| Collinstown * | 21·5 | +6 | N | 1 | ff | 57 | 56 | 0 | – | – | – | 9 | 9 | – | 0 | – | 0 | * |
| Foynes ... * | 20·9 | +8 | W | 3 | 1o | 60 | 58 | 0 | 5 | – | – | 8 | 5 | – | 13 | – | 1 | * |
| Valentia ... * | 21·5 | +6 | N | 3 | c | 59 | 58 | 8 | 5 | – | 1 | 6 | 6 | – | 60 | – | 1 | 2 |
| Roches Point * | 20·6 | +4 | ESE | 3 | 2o | 61 | 60 | 6 | 5 | – | – | 6 | 6 | – | 15 | – | 1 | 4 |

* Station 103 read at 0700 G.M.T.

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h-18h °F. (35) | Temperature. Min. Night 18h-6h °F. (36) | Temperature. Min. on Grass °F. (37) | Rainfall. Day 6h-18h mm. (38) | Rainfall. Night 18h-6h mm. (39) | Sunshine 2nd Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 70 | 59 | 58 | Tr | – | 5·8 |
| Croydon ... | 69 | 59 | 58 | – | Tr | 4·8 |
| Boscombe Down | 75 | 57 | 55 | – | Tr | 6·8 |
| Thorney Island | 73 | 60 | 51 | – | – | * |
| Friston ... | | | | | | |
| Lympne ... | 66 | 57 | * | – | Tr | 0·0 |
| Manston ... | 63 | 58 | 58 | Tr | – | 0·0 |
| North Weald | 69 | 56 | * | * | * | * |
| Felixstowe ... | 63 | 57 | 57 | 0·1 | Tr | 0·0 |
| Gorleston ... | 60 | 57 | 57 | – | – | 0·0 |
| Mildenhall | 71 | 56 | 56 | Tr | Tr | 4·6 |
| Bircham Newton | 66 | 55 | 55 | – | Tr | * |
| Cranwell ... | 67 | 53 | 53 | 2 | Tr | 4·9 |
| Cranfield ... | 68 | 56 | 54 | Tr | Tr | * |
| Honiley ... | 64 | 54 | 52 | Tr | Tr | * |
| Little Rissington | * | 55 | 54 | Tr | – | * |
| Shobden ... | 70 | 54 | 44 | Tr | Tr | * |
| Bristol ... | 75 | 56 | 46 | – | Tr | 5·5 |
| Chivenor ... | 75 | 53 | 46 | – | – | * |
| Yeovilton | 75 | 56 | 50 | – | – | * |
| Portland Bill | 62 | 57 | * | – | – | * |
| Exeter ... | 68 | 55 | 50 | – | – | * |
| Plymouth ... | 64 | 61 | 57 | Tr | – | 2·4 |
| St. Eval ... | 69 | 59 | 57 | – | – | * |
| The Lizard | 62 | 55 | * | – | 2 | 0·0 |
| Scilly, St. Marys | 64 | 59 | * | – | – | 0·0 |
| Fairwood ... | * | 55 | 49 | – | – | * |
| Pembroke ... | 67 | 56 | * | – | – | 6·1 |
| Aberporth ... | 73 | 53 | 41 | – | – | 11·4 |
| Penrhos ... | 73 | 55 | 43 | – | – | * |
| Holyhead, Valley | 71 | 51 | 44 | – | – | * |
| Hawarden | 69 | 62 | 44 | – | Tr | 1·7 |
| Manchester | 70 | 48 | 44 | – | – | * |
| Squires Gate | 71 | 50 | 48 | – | – | * |
| Silloth ... | 76 | 51 | 50 | – | – | * |
| Ashbourne ... | 61 | | | Tr | | * |
| Snaith ... | 67 | 52 | 49 | Tr | – | * |
| Spurn Head | 59 | 55 | * | – | – | 0·0 |
| Catterick (Sc.) | 69 | 51 | 46 | – | Tr | 4·2 |
| Tynemouth | 59 | 54 | 51 | 0·4 | – | |
| Acklington | 58 | 52 | 53 | Tr | – | * |
| St. Abb's Head | 57 | 50 | * | – | – | * |
| Leuchars ... | 58 | 57 | 52 | – | – | 0·0 |
| Montrose ... | 58 | 51 | 51 | – | – | * |
| Abbotsinch | 71 | 53 | 53 | | – | 8·7 |
| Prestwick ... | 79 | 55 | 54 | – | – | * |
| West Freugh | 66 | 59 | 54 | – | – | * |
| Eskdalemuir | 74 | 48 | 47 | – | – | 12·4 |
| Jurby, I. of Man | 69 | 55 | 50 | – | – | * |
| Machrihanish | 67 | 59 | 59 | – | – | * |
| Tiree ... | 66 | 57 | 54 | – | – | 3·9 |
| Oban ... | 79 | 60 | * | * | * | * |
| Stornoway ... | 73 | 53 | 43 | – | – | 3·9 |
| Cape Wrath | 68 | 51 | * | – | – | * |
| Dalwhinnie | 72 | 45 | 40 | – | – | 11·8 |
| Aberdeen† ... | | 51 | 48 | | – | 0·4 |
| Fraserburgh | 63 | 50 | 49 | – | – | * |
| Alness ... | 73 | 48 | 39 | – | – | * |
| Wick ... | 59 | 53 | | – | – | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 60 | 53 | 51 | – | – | 5·5 |
| Sullom Voe | 61 | 49 | 49 | – | – | * |
| Blacksod Point * | 66 | 55 | * | 0·1 | 1 | * |
| Malin Head * | 68 | 57 | * | – | – | 4·9 |
| Aldergrove | 60 | 53 | 45 | – | – | 3·7 |
| Cas. Archdale | 71 | 57 | 53 | Tr | – | * |
| Birr Castle ... | 67 | 56 | 51 | – | – | 0·5 |
| Collinstown * | 67 | 54 | 46 | – | – | 8·3 |
| Foynes ... * | 65 | 59 | 59 | 1 | 0·2 | 0·1 |
| Valentia ... * | 66 | 59 | 58 | 0·1 | 2 | 0·0 |
| Roches Point * | 63 | 60 | * | 0·2 | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Friday 4th August 1944

No. 30206

## OBSERVATIONS at 12h. G.M.T. 3rd August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Med. (10) | High (11) | Amount Total 0-9 (12) | Low A 0-9 (13) | Low B 0-9 (14) | Height of Base Hundreds of feet A (15) | B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 22.4 | +2 | E'N | 3 | z0 | 57 | 57 | 6 | 5 | - | - | 5 | 5 | - | 21 | - |
| | Croydon | 22.4 | +2 | NNE | 3 | z0 | 66 | 55 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Boscombe Down | 21.2 | -2 | NE'E | 3 | z0 | 69 | 60 | 6 | 5 | - | - | 1 | 1 | - | 20 | - |
| | Thorney Island | 20.9 | +2 | E | 2 | bc | 76 | 65 | 6 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 21.5 | -2 | NNE | 4 | bc | 68 | 55 | 7 | 5 | 3 | - | 4 | 4 | 4 | 15 | - |
| | Manston | 22.2 | -2 | NE'N | 3 | c | 62 | 57 | 7 | 5 | - | - | 8 | 5 | 8 | 9 | 15 |
| 2 | North Weald | 23.5 | +4 | NE | 3 | z0 | 62 | 56 | 6 | 5 | - | - | 6 | 6 | - | 18 | - |
| | Felixstowe | 22.9 | -2 | NE | 3 | c | 64 | 58 | 7 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Gorleston | 23.2 | +4 | NE | 2 | c | 61 | 57 | 7 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Mildenhall | 23.2 | -2 | NE'E | 3 | c | 63 | 59 | 7 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Bircham Newton | 23.9 | 0 | ENE | 2 | c | 63 | 58 | 8 | 5 | - | - | 6 | 6 | - | 10 | - |
| | Cranwell | 23.9 | +2 | NE'N | 2 | c/d | 59 | 56 | 7 | 5 | - | - | 8 | 5 | 8 | 5 | 8 |
| 3 | Cranfield | 23.2 | +2 | NE | 2 | c | 60 | 55 | 7 | 5 | - | - | 8 | 8 | - | 7 | - |
| | Honiley | 23.4 | +2 | ENE | 3 | z0 | 59 | 55 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 4 | Little Rissington | 22.7 | +2 | NE'E | 3 | z0 | 53 | 56 | 6 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Shobden | 23.4 | -2 | E | 2 | z0 | 57 | 55 | 6 | 5 | - | - | 8 | 8 | - | 7 | - |
| 5 | Bristol | 22.2 | +6 | E | 1 | z0 | 64 | 59 | 6 | 5 | - | - | 8 | 8 | - | 7 | - |
| | Chivenor | 20.6 | +2 | SE | 3 | z0 | 69 | 59 | 6 | 5 | - | - | 7 | 7 | - | 18 | - |
| | Yeovilton | 21.2 | 0 | ENE | 3 | z0 | 68 | 64 | 6 | 5 | - | - | 6 | 3 | 6 | 10 | 15 |
| | Portland Bill | 20.5 | +6 | NE | 4 | c | 61 | 58 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 21.1 | +4 | E | 3 | z0 | 65 | 60 | 5 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Plymouth | 20.5 | +10 | E'N | 4 | z0 | 65 | 60 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 15 |
| | St. Eval | 20.8 | +8 | SSW | 2 | ir0 | 65 | 61 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| | The Lizard | 19.6 | +14 | ENE | 5 | m | 61 | 61 | 4 | 5 | - | - | 8 | 8 | - | 9 | - |
| | Scilly, St. Marys | 20.7 | +14 | NE | 1 | ojp | 62 | 61 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| 6 | Fairwood | 21.3 | -2 | SSE | 2 | z0 | 68 | 58 | 6 | 5 | - | - | 2 | 2 | - | 18 | - |
| | Pembroke | 21.5 | +6 | E | 1 | z0 | 68 | 60 | 6 | 2 | 7 | - | 4 | 3 | 3 | 22 | - |
| | Aberporth | 21.6 | +2 | NNE | 3 | bbc | 66 | 58 | 7 | 1 | 7 | - | 3 | 2 | 1 | 25 | - |
| 7 | Penrhos | 22.1 | +6 | NW | 3 | z0 | 68 | 62 | 6 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Holyhead, Valley | 22.3 | 0 | N'N | 3 | z0 | 70 | 58 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Hawarden | 23.8 | 0 | SE | 3 | z0 | 59 | 53 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| 8 | Manchester | 23.5 | -2 | SSW | 2 | z0 | 63 | 55 | 5 | 5 | - | - | 6 | 3 | 6 | 10 | 15 |
| | Squires Gate | 23.3 | -4 | SSW | 3 | z0 | 64 | 59 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Silloth | 23.6 | -2 | NE'E | 3 | z0 | 67 | 55 | 6 | - | - | 1 | 1 | 1 | - | - | - |
| 9 | Ashbourne | 24.4 | 0 | ENE | 3 | m | 56 | 55 | 4 | 5 | - | - | 8 | 8 | - | 11 | - |
| | Snaith | 25.1 | 0 | E | 2 | c | 60 | 55 | 7 | 5 | - | - | 8 | 8 | - | 12 | - |
| 10 | Spurn Head | 24.8 | +6 | E | 3 | c | 60 | 55 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Catterick (Sc.) | 24.7 | -2 | - | 0 | z0 | 65 | 56 | 6 | 7 | - | - | 3 | 3 | - | 20 | - |
| | Tynemouth | 26.0 | +4 | SE | 2 | bc | 60 | 54 | 7 | 2 | 3 | - | 4 | 3 | 3 | 20 | - |
| | Acklington | 25.0 | +2 | SE | 3 | z0 | 61 | 54 | 6 | 5 | - | - | 4 | 4 | - | 18 | - |
| 11 | St. Abb's Head | 25.1 | +10 | SSE | 1 | cbc | 59 | 52 | 8 | 5 | - | - | 5 | 4 | 3 | 25 | - |
| | Leuchars | 25.1 | +2 | SE | 1 | c | 59 | 53 | 8 | 5 | - | - | 7 | 4 | 7 | 12 | 25 |
| | Montrose | 26.2 | +2 | SE | 2 | c | 57 | 53 | 7 | 5 | - | - | 8 | 3 | 8 | 10 | 25 |
| 12 | Abbotsinch | 24.2 | -2 | NE | 2 | z0 | 60 | 54 | 6 | 5 | - | - | 6 | 6 | - | 20 | - |
| | Prestwick | 23.4 | -6 | N'E | 3 | z0 | 68 | 58 | 6 | - | - | 1 | 2 | 2 | - | 22 | - |
| | West Freugh | 23.2 | +2 | SSE | 3 | bbc | 63 | 56 | 7 | 2 | - | 5 | 3 | 1 | 2 | 25 | - |
| | Eskdalemuir | 23.2 | 0 | NE | 2 | b | 65 | 54 | 7 | 1 | - | - | 1 | 1 | - | 29 | - |
| | Jurby, I. of Man | 22.9 | -2 | E'N | 5 | z0 | 69 | 53 | 6 | 5 | 4 | - | 2 | 1 | 1 | 18 | - |
| 13A | Machrihanish | 23.3 | +6 | E'S | 3 | z0 | 68 | 60 | 5 | 5 | - | - | 3 | 3 | 1 | 25 | - |
| | Tiree | 23.2 | +6 | SSE | 3 | z0 | 61 | 58 | 5 | 5 | - | - | 7 | 7 | - | 35 | - |
| | Oban | 23.6 | +2 | WSW | 1 | z0 | 68 | 60 | 6 | 8 | - | - | 5 | 5 | - | 40 | - |
| 13B | Stornoway | 22.3 | +6 | S | 3 | z0 | 66 | 59 | 6 | 1 | - | - | 3 | 3 | 3 | 25 | - |
| | Cape Wrath | 22.9 | +6 | E | 1 | bc | 65 | 60 | 8 | 7 | 4 | - | 4 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 23.0 | 0 | S | 3 | bbc | 71 | 51 | 7 | 1 | - | 3 | 3 | 2 | 3 | 35 | - |
| | Aberdeen | 25.2 | +2 | S | 3 | c | 56 | 51 | 7 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Fraserburgh | 24.5 | -2 | S'W | 4 | c | 58 | 53 | 8 | 5 | - | - | 7 | 5 | 7 | 10 | 15 |
| | Alness | 22.3 | -4 | E | 2 | b | 73 | 59 | 7 | 1 | - | - | 1 | 1 | - | 30 | - |
| | Wick | 23.7 | +2 | SE | 4 | b | 58 | 58 | 7 | 1 | - | - | 2 | 2 | - | 15 | - |
| 16 | Hatston | 24.1 | +2 | S | 4 | bc | 60 | 52 | 7 | 5 | - | - | 4 | 3 | 4 | 7 | 15 |
| | Sumburgh | 25.4 | +4 | SSE | 2 | c | 55 | 52 | 8 | 5 | - | - | 8 | 5 | 8 | 5 | 8 |
| | Sullom Voe | 24.5 | -2 | ESE | 2 | b | 66 | 56 | 9 | - | - | - | 0 | 0 | 0 | - | - |
| 17 | Blacksod Point | 23.8 | +4 | W'N | 2 | cbc | 63 | 55 | 8 | 8 | - | 4 | 5 | 4 | - | 15 | - |
| 18 | Malin Head | 22.0 | +10 | - | 0 | c | 64 | 59 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Aldergrove | 23.5 | +10 | - | 0 | z0 | 67 | 60 | 5 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Cas. Archdale | 23.5 | +8 | - | 0 | z0 | 65 | 59 | 6 | 5 | 2 | - | 8 | 3 | 8 | 15 | - |
| 19 | Birr Castle | 23.0 | +10 | SW | 1 | c | 69 | 57 | 8 | 5 | 2 | - | 8 | 5 | - | 25 | - |
| | Collinstown | 22.9 | +10 | ENE | 3 | gf | 63 | 58 | 5 | 5 | - | - | 6 | 6 | - | 12 | - |
| 20 | Foynes | 23.4 | +10 | NW | 3 | c | 65 | 57 | 8 | 7 | - | - | 7 | 7 | - | 64 | - |
| | Valentia | 24.1 | +10 | NNW | 3 | cbc | 65 | 57 | 9 | 7 | - | - | 5 | 5 | - | 50 | - |
| | Roches Point | 22.4 | +10 | N | 1 | cbc | 65 | 63 | 8 | 5 | - | - | 5 | 5 | - | 15 | - |

## OBSERVATIONS at 18h. G.M.T. 3rd August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A 0-9 (29) | Low B 0-9 (30) | Height of Base Hundreds of feet A (31) | B (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 21.8 | 0 | E'N | 3 | z0 | 75 | 58 | 6 | 1 | - | 4 | 3 | 8 | 2 | 35 | - | 0 | * |
| Croydon | 22.2 | +2 | NE'E | 2 | b | 73 | 58 | 8 | 1 | - | - | 2 | 2 | - | 30 | - | 0 | * |
| Boscombe Down | 21.2 | +2 | NE'N | 3 | b | 74 | 59 | 7 | 2 | - | - | 2 | 2 | - | 30 | - | 0 | * |
| Thorney Island | 20.9 | +6 | SW | 2 | z0 | 71 | 63 | 5 | - | - | - | 1 | 1 | - | 30 | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 21.7 | 0 | NNE | 3 | b | 65 | 59 | 7 | - | - | 1 | 2 | 2 | - | 200 | - | 0 | § - |
| Manston | 22.4 | +4 | NNE | 3 | z0 | 62 | 59 | 6 | 5 | 3 | 1 | 3 | 3 | 2 | 4 | - | 0 | * |
| North Weald | 22.6 | +2 | E | 2 | b | 72 | 56 | 7 | 1 | - | - | 2 | 3 | - | 30 | - | 0 | * |
| Felixstowe | 22.5 | -2 | E'N | 4 | b | 65 | 59 | 7 | 5 | - | 2 | 2 | 1 | 1 | 40 | - | 0 | 7 |
| Gorleston | 23.3 | +2 | N | 3 | m | 60 | 59 | 4 | 5 | - | - | 8 | 8 | - | 5 | - | 0 | 2 |
| Mildenhall | 22.9 | +2 | E'N | 2 | b.bc | 74 | 58 | 8 | 1 | - | - | 3 | 3 | - | 25 | - | 0 | * |
| Bircham Newton | 24.3 | +2 | ENE | 3 | c.bc | 61 | 57 | 7 | 5 | - | - | 5 | 5 | - | 10 | - | 0 | * |
| Cranwell | 24.2 | +4 | NE | 2 | bc | 65 | 57 | 8 | 3 | - | - | 4 | 4 | - | 20 | - | 0 | * |
| Cranfield | 22.9 | -2 | NE | 2 | b | 71 | 57 | 7 | 5 | - | - | 1 | 1 | - | 30 | - | 0 | * |
| Honiley | 23.5 | 0 | NE'N | 3 | z0 | 65 | 57 | 6 | - | 3 | 1 | 3 | 3 | 1 | - | - | 0 | * |
| Little Rissington | 22.6 | +2 | NNE | 3 | z0 | 67 | 59 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Shobden | 23.6 | 0 | NE | 2 | z0 | 64 | 58 | 5 | 5 | - | - | 8 | 3 | 5 | 5 | 25 | 0 | * |
| Bristol | 22.3 | +2 | NNE | 3 | z0 | 68 | 61 | 6 | 5 | - | - | 1 | 1 | - | 20 | - | 0 | * |
| Chivenor | 21.9 | +6 | - | 0 | z0 | 69 | 60 | 6 | 4 | 7 | 9 | 5 | 3 | 3 | 30 | - | 0 | * |
| Yeovilton | 21.0 | +2 | NNE | 4 | bcr | 73 | 63 | 6 | 9 | - | - | 4 | 3 | 4 | 20 | 25 | 0 | * |
| Portland Bill | 21.3 | +6 | NE | 4 | c.bc | 61 | 58 | 7 | 5 | - | - | 5 | 5 | - | 50 | - | 1 | 4* |
| Exeter | 22.6 | +6 | - | 0 | z0 | 70 | 64 | 6 | 5 | - | - | 4 | 4 | - | 15 | - | 0 | |
| Plymouth | 21.4 | +2 | SW | 3 | z0 | 62 | 60 | 6 | 5 | 3 | 1 | 4 | 4 | 4 | 8 | - | 3 | 0 |
| St. Eval | 22.5 | +6 | NW | 1 | r0r0 | 63 | 61 | 4 | 5 | - | - | 8 | 3 | 8 | 10 | 25 | 1 | -* |
| The Lizard | 21.6 | +8 | N'E | 2 | z0 | 64 | 61 | 6 | 5 | - | - | 7 | 7 | - | 23 | - | 1 | 3 |
| Scilly, St. Marys | 21.3 | +6 | N'E | 1 | z0 | 61 | 61 | 6 | 5 | - | - | 8 | 8 | - | 3 | - | 1 | 2* |
| Fairwood | 22.4 | +4 | S'E | 1 | z0 | 67 | 60 | 5 | 5 | - | - | 7 | 7 | - | 22 | - | 0 | |
| Pembroke | 22.5 | -2 | WNW | 1 | bc | 69 | 58 | 6 | 2 | 4 | 1 | 4 | 3 | 4 | 25 | - | 0 | 2 |
| Aberporth | 22.7 | +6 | NNW | 2 | z0 | 65 | 60 | 6 | 2 | 3 | - | 1 | 1 | 1 | 30 | - | 0 | 2 |
| Penrhos | 22.6 | +2 | WNW | 3 | z0 | 65 | 57 | 6 | 1 | - | - | 1 | 1 | - | 30 | - | 0 | 2 |
| Holyhead, Valley | 23.2 | +2 | NNW | 2 | z0 | 67 | 59 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | 1 |
| Hawarden | 23.4 | -2 | SE | 3 | m | 64 | 57 | 4 | 5 | - | - | 2 | 2 | - | 25 | - | 0 | * |
| Manchester | 23.3 | +2 | E'S | 2 | z0 | 67 | 59 | 5 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Squires Gate | 23.3 | +6 | NNE | 2 | bc/s's | 70 | 62 | 5 | - | 3 | - | 4 | 4 | - | 150 | - | 0 | * |
| Silloth | 23.3 | 0 | SW | 3 | z0 | 67 | 60 | 6 | 3 | - | - | 3 | 3 | - | 30 | - | 0 | * |
| Ashbourne | 24.0 | -2 | NE | 2 | z0 | 65 | 57 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | -* |
| Snaith | 25.1 | +2 | E | 3 | z0 | 63 | 57 | 6 | 5 | - | - | 8 | 4 | 8 | 18 | 25 | 0 | * |
| Spurn Head | 25.3 | +4 | E | 2 | 0 | 58 | 56 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 0 | |
| Catterick (Sc.) | 24.8 | +6 | SE | 2 | bc | 63 | 60 | 7 | 7 | - | - | 4 | 4 | - | 30 | - | 0 | * |
| Tynemouth | 26.3 | 0 | SE | 3 | c | 58 | 56 | 7 | 8 | - | - | 6 | 6 | - | 24 | - | 0 | 2 |
| Acklington | 25.8 | +4 | SE | 3 | bc | 58 | 53 | 8 | 5 | - | - | 4 | 4 | - | 10 | - | 3 | * |
| St. Abb's Head | 24.3 | -4 | SSE | 3 | b | 57 | 57 | 8 | 5 | - | - | 2 | 2 | - | 25 | - | 1 | 2 |
| Leuchars | 24.7 | -4 | E | 3 | b | 61 | 54 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Montrose | 25.8 | -2 | SSE | 3 | b | 59 | 54 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Abbotsinch | 23.5 | -2 | - | 0 | z0 | 71 | 60 | 6 | 2 | - | - | 3 | 3 | - | 25 | - | 1 | * |
| Prestwick | 24.2 | +8 | WSW | 2 | z0 | 66 | 57 | 6 | 5 | - | - | 4 | 4 | - | 20 | - | 0 | * |
| West Freugh | 23.5 | -2 | - | 0 | b | 69 | 53 | 7 | 1 | - | 1 | 2 | 1 | 1 | 30 | - | 0 | * |
| Eskdalemuir | 22.8 | +2 | NE | 1 | bbc | 73 | 56 | 7 | 8 | - | - | 3 | 3 | - | 45 | - | 0 | * |
| Jurby, I. of Man | 23.8 | 0 | WSW | 2 | b/s's | 65 | 57 | 5 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Machrihanish | 24.0 | +6 | WS | 1 | z0 | 65 | 57 | 6 | 1 | - | 1 | 2 | 1 | 2 | 25 | - | 0 | 0 |
| Tiree | 24.5 | +6 | W'N | 1 | z0 | 59 | 58 | 1 | 5 | - | - | 8 | 5 | 3 | 2 | 8 | 0 | 1 |
| Oban | 24.2 | +2 | SW | 3 | z0 | 68 | 61 | 6 | 5 | - | 2 | 4 | 1 | 4 | 50 | - | 0 | 2 |
| Stornoway | 23.0 | +8 | W | 1 | z0 | 66 | 58 | 6 | 5 | 7 | 2 | 6 | 3 | 4 | 20 | 40 | 0 | 1 |
| Cape Wrath | 23.6 | +6 | SW | 3 | c | 63 | 59 | 7 | 5 | 7 | - | 6 | 4 | - | 15 | - | 0 | 1* |
| Dalwhinnie | 23.0 | +2 | SW | 3 | bc | 70 | 53 | 7 | 7 | - | 1 | 4 | 3 | 4 | 35 | - | 0 | |
| Aberdeen | 24.7 | 0 | S'E | 3 | b | 58 | 51 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | 2 |
| Fraserburgh | 24.0 | +6 | SSW | 4 | b | 59 | 52 | 8 | 5 | - | - | 1 | 1 | 1 | 10 | 40 | 0 | -* |
| Alness | 22.8 | +6 | ENE | 2 | b.bc | 71 | 53 | 7 | 6 | - | - | 3 | 3 | 0 | 0 | - | 0 | * |
| Wick | 23.5 | -2 | SE | 4 | b | 59 | 54 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Hatston | 24.0 | -2 | SSE | 4 | bbc | 59 | 53 | 7 | 5 | - | - | 3 | 3 | - | 8 | - | -* | * |
| Sumburgh | 25.4 | -2 | S | 3 | c | 55 | 52 | 8 | 5 | - | - | 8 | 8 | - | 9 | - | 0 | * |
| Sullom Voe | 24.9 | +2 | SE | 2 | b | 62 | 53 | 9 | - | - | 9 | 1 | 1 | 0 | 0 | - | 0 | |
| Blacksod Point | 25.7 | +8 | WNW | 3 | b | 62 | 54 | 8 | 1 | - | - | 2 | 2 | 8 | 25 | - | 0 | - |
| Malin Head | 24.6 | +12 | - | 0 | c | 59 | 57 | 7 | 5 | - | - | 8 | 8 | 7 | 8 | - | 0 | 1* |
| Aldergrove | 23.5 | +2 | - | 0 | z0 | 71 | 61 | 5 | 5 | - | - | 4 | 4 | - | 20 | - | 0 | |
| Cas. Archdale | 25.0 | +10 | WNW | 3 | c | 60 | 57 | 9 | 5 | 7 | - | 7 | 3 | 5 | 5 | 15 | 0 | * |
| Birr Castle | 24.2 | +6 | NW | 1 | c | 68 | 60 | 8 | 5 | 1 | - | 8 | 5 | - | 25 | - | 0 | * |
| Collinstown | 23.8 | +6 | ENE | 1 | z0 | 62 | 58 | 6 | - | 3 | - | 7 | 0 | 0 | 0 | - | 0 | * |
| Foynes | 25.0 | +8 | WNW | 3 | c.bc | 63 | 55 | 8 | 5 | 4 | - | 5 | 5 | - | 55 | - | 0 | |
| Valentia | 25.6 | +6 | N'W | 4 | b | 69 | 56 | 9 | 7 | - | - | 1 | 1 | 9 | 23 | - | 1 | 4 |
| Roches Point | 23.7 | +2 | N | 3 | bc | 68 | 64 | 8 | 5 | 3 | 5 | 4 | 2 | 8 | 15 | - | 1 | 3 |

## PAST 24 HOURS

| Stations | Weather 06h.-12h. 3rd (41) | 12h.-18h. 3rd (42) | 18h 3rd to 00h. 4th (43) | 00h.-06h. 4th (44) |
|---|---|---|---|---|
| Kew | cz0 | bbcz0y | bcz0yw | bcbmw |
| Croydon | cm0z0 | bz0yby | bbm0 | bm0 |
| Boscombe Down | bm0bcz0 | bz0bcz0y | bz0 | bm0bmbgw |
| Thorney Island | bz0bcz0 | bcz0bz0 | bm0b | bm0 |
| Friston | | | | |
| Lympne | cbm | bcb | bm0w | bcm0wcm0 |
| Manston | cm0c | cm0 | bcm0bm0 | bm0bcm0 |
| North Weald | cm0cz0 | bcz0bbcy | b | bm0cm |
| Felixstowe | odocm0c | cbcc | bbw | bwb |
| Gorleston | c | om | bcz0 | fefem |
| Mildenhall | cd0dm0c | cbcb | bybbm0 | ofofof |
| Bircham Newton | d0 foc | cbc | cfo | ofe |
| Cranwell | cm0d0d0c | bc | cm0f | cfsf |
| Cranfield | om0cm0c | cbcby | bomof | off |
| Honiley | odod0m0c | om0bcz0 | bcbm0f | ofnffe |
| Little Rissington | cid0fcm0 | cm0bcz0 | bz0bm0bm | bfe |
| Shobden | cd0id0m0 | cm0 | cm0bcbm0 | bm0fe |
| Bristol | om0cm0 | cm0z0bcz | bz0m0w | bm0wofw |
| Chivenor | cm0z0 | cz0 | bcz0m0 | bm0mw |
| Yeovilton | cz | zzcbt | zbmb | ff |
| Portland Bill | oc | cc | cbc ocobcm0 | bc bcm0bcbf |
| Exeter | m0 | cm0 | bcbm0w | bm0w |
| Plymouth | cm0 | cm0 | cr0r0 | cfbcm0 |
| St. Eval | om cir0m0 | cm0cr0m0 | cm0 | cbcz0 |
| The Lizard | om | cm0cz0 | | |
| Scilly, St. Marys | r0r0 ir0c | com0 | cbcm | bcmwc |
| Fairwood | cm0bcm0 | bz0cz0 | cz0bm | bmbfcfb |
| Pembroke | cbcm0 | bcm0 | cm0 | cbcm0 |
| Aberporth | cbcb | bm0bz0 | | fw |
| Penrhos | bcm0 | bm0bz0 | bcz0fgbm0w | bfgm0w0 |
| Holyhead, Valley | bm0wbz0 | bz0 | bm0 | bf |
| Hawarden | cm0d0d0c | cm0 | bm | ofcmfid0 |
| Manchester | cm0 | cbcz0 | bmw | bmf |
| Squires Gate | bcm0b | cm0bcz0 | bcz0m0 | bm0 |
| Silloth | bcbm0z0 | bz0bcz0 | cm0bm0 | bm0ofofom |
| Ashbourne | ff id0fefe | omcm0b | bmbcm0cm | cm0of |
| Snaith | c | ccm0 | cm0cz | ofe |
| Spurn Head | o | o | om | ofe |
| Catterick (Sc.) | cm0bcz0 | bbccz0 | bcbcm0cm0 | cm0f |
| Tynemouth | cbc | bcb | co | off |
| Acklington | cm0bcm0 | bcm0bbc | bccm0gf | of d0g0 |
| St. Abb's Head | ocbcc | bcc | bm0gf | fbm0fe |
| Leuchars | c | cbcb | bbm0fg | ofe |
| Montrose | c | cbcb | bgfbgg | cm0ff |
| Abbotsinch | cm0 | cbcm0 | bcbm0 | bcff |
| Prestwick | cm0wbz0 | cz0cz0 | bcz0bm0 | bm0om0fw |
| West Freugh | cm0bm0 | bbcm0bcb | bbm0 | bcbcm0wfw |
| Eskdalemuir | bcb | bbcy | x | ofbfgy |
| Jurby, I. of Man | cbcm0bz0 | bz0ybz0 | bm0z | cmwcf |
| Machrihanish | z | z | z | zmz |
| Tiree | cm0bccm0 | cmcm0 | cm0cir0r0c | c |
| Oban | bcm0cm0 | bcz0 | bcz0bm0iff | off id0r |
| Stornoway | bm0bcm0 | bcz0 | cm0cid0ir0m0 | ccw |
| Cape Wrath | bc | bc | cbc | cf |
| Dalwhinnie | cbc | bccbc | * | bccb |
| Aberdeen | cz0c | cbcb | bbw | bwm |
| Fraserburgh | cm0c | cbcb | b | b |
| Alness | bjfb | cbybcy | bcycir0bm | bm0bm0 |
| Wick | bbm0b | bbm0b | bbc | cm0cbf |
| Hatston | c | becb | bcdbc | bcmf |
| Sumburgh | c | c | df | bbcb |
| Sullom Voe | bf | b | bcd0c | cid0b |
| Blacksod Point | bc | b | b | b |
| Malin Head | c | c | c | c |
| Aldergrove | cm0z0 | cz0bcz0 | bcz0cm0w | cbcm0cw |
| Cas. Archdale | cm0 | om0c | cv | cvbcw |
| Birr Castle | c | c | * | c |
| Collinstown | b | c | c | d |
| Foynes | c | b | bc | bc |
| Valentia | c | b | b | b |
| Roches Point | c | c | bc | c |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil 1=Trace 2=1/10 3=1/4 4=1/2 5=3/4 6=9/10 7=More than 9 but with openings. 8=Completely covered. 9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32 A=Lowest cloud present. B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

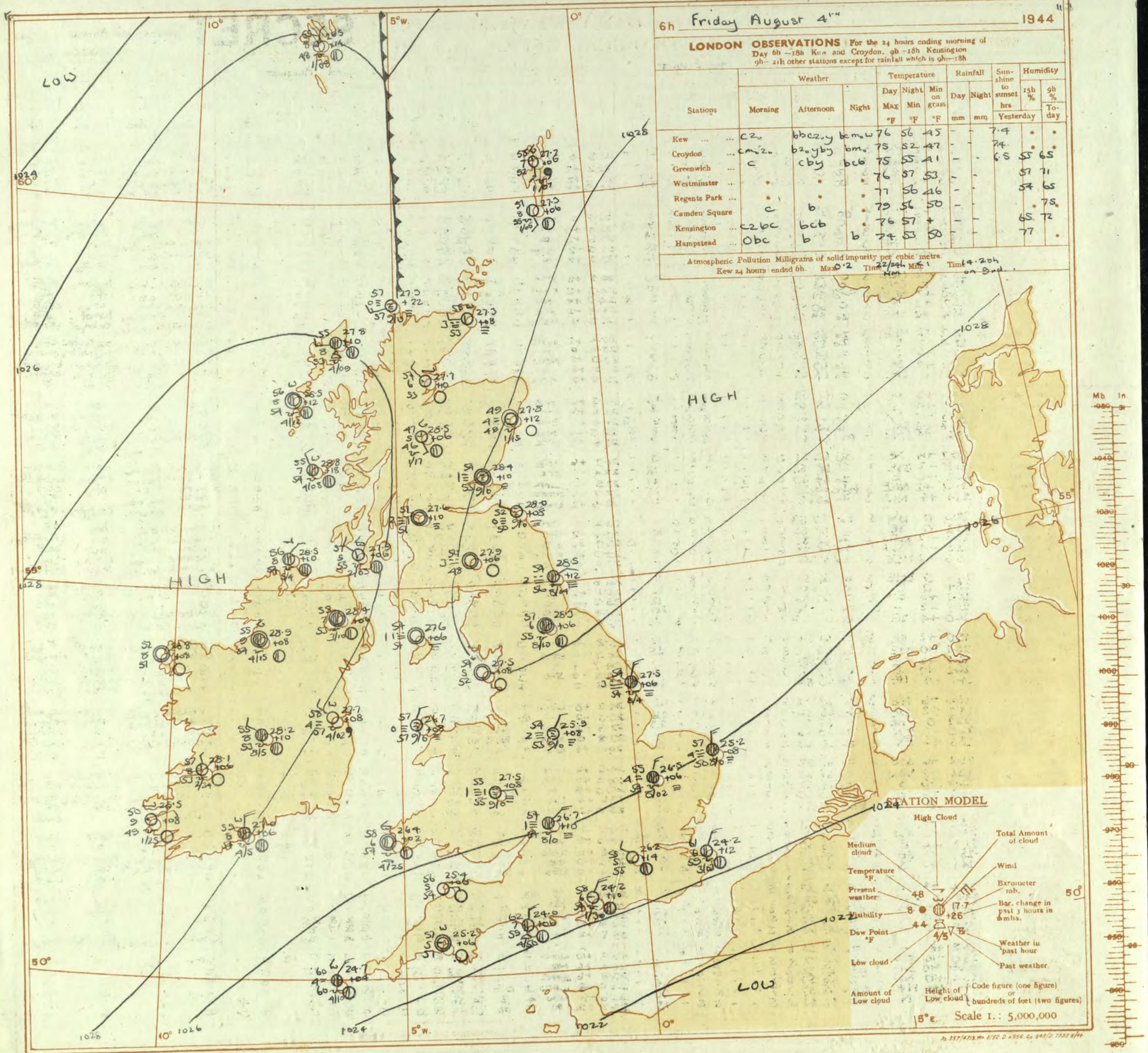
NELSON K. JOHNSON, K.C.B., D.Sc., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Friday August 4th 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of
Day 6h –18h Kew and Croydon. 9h –18h Kensington
9h– 21h other stations except for rainfall which is 9h–18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | c2. | bbc2.y | bc m.w | 76 | 56 | 45 | - | - | 7.4 | • | • |
| Croydon ... | cm.2. | b2.yby | bm. | 75 | 52 | 47 | - | - | 7.4 | • | • |
| Greenwich ... | c | cby | bc6 | 75 | 55 | 41 | - | - | 6.5 | 55 | 65 |
| Westminster .. | • | • | • | 76 | 57 | 53 | - | - | | 57 | 71 |
| Regents Park ... | • | • | • | 77 | 56 | 46 | - | - | | 54 | 65 |
| Camden Square | c | b | • | 79 | 56 | 50 | - | - | | • | 75 |
| Kensington ... | c2bc | bcb | • | 76 | 57 | + | - | - | | 65 | 72 |
| Hampstead ... | 0bc | b | b | 74 | 53 | 50 | - | - | | 77 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max 0·2 Time 22/24h Min 1 Time 14-20h on 3rd.




H.M.S.O. Press, M.O., Dunstable.

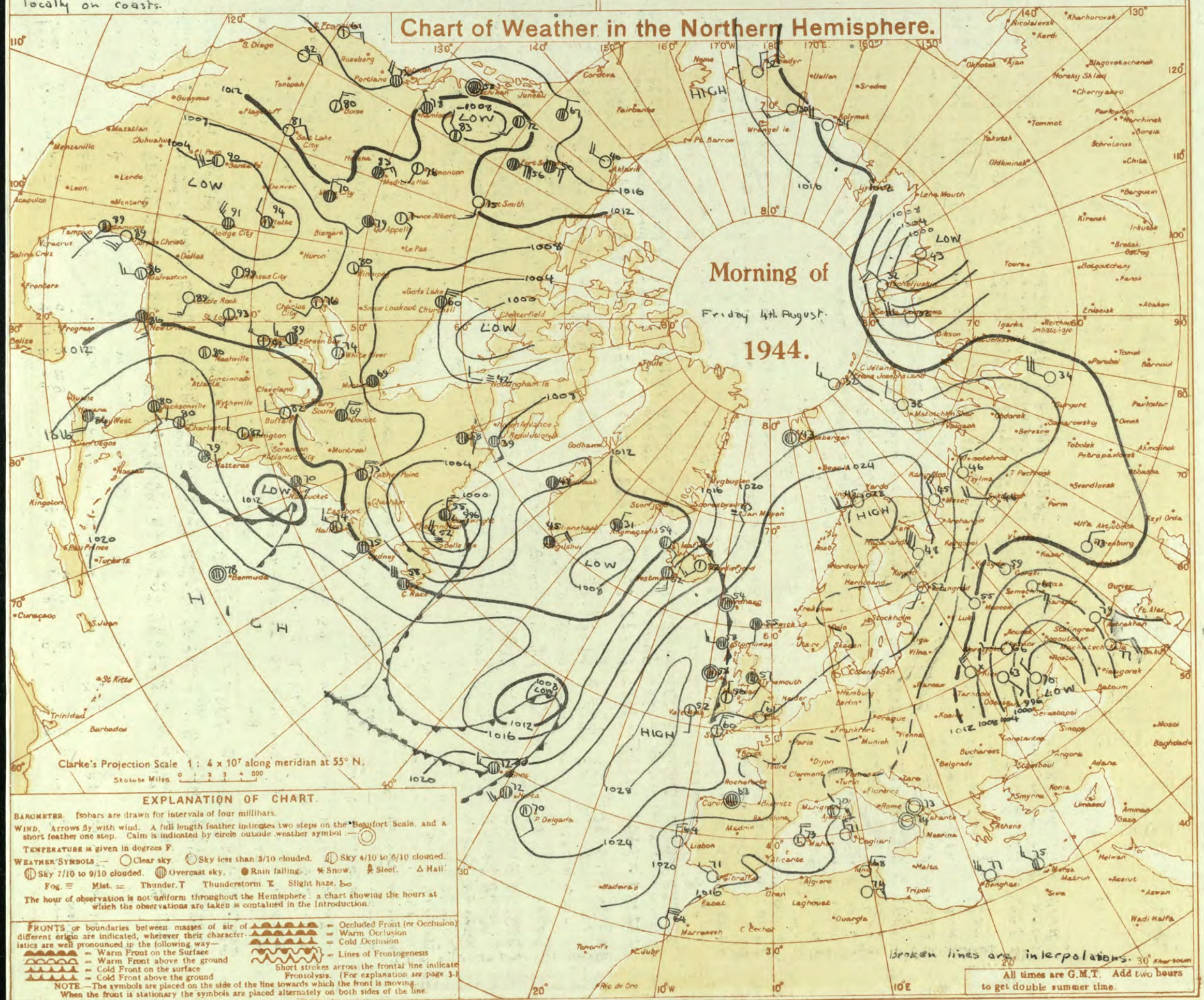
## GENERAL INFERENCE

A belt of high pressure extending Northeast to Southwest across the British Isles is increasing in intensity. Weather will be mainly fine but there is a change of a few scattered thundery showers over high ground in Southwest England this afternoon. There will be some patches of fog or very low cloud in some coastal areas. Early in the night fog or very low cloud will spread in over eastern districts of England and later in the night there will be considerable fog in many other districts. Tomorrow morning the fog will disperse fairly rapidly. It will be rather warm in most districts but rather cool locally on coasts.

## FURTHER OUTLOOK

Little change.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere : a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Friday 4th August 1944

No. 30206

## OBSERVATIONS at 00hr. G.M.T. 4th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force (4) | Weather. (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud. Form. Low. (9) | Cloud. Form. Med. (10) | Cloud. Form. High. (11) | Cloud. Amount. Total. 0–9 (12) | Cloud. Amount. Low. A. 0–9 (13) | Cloud. Amount. Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 63 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 24.6 | +10 | NNE | 1 | 2o | 61 | 57 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Boscombe Down | 417 | 24.1 | +14 | N | 1 | 2o | 60 | 58 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| | Thorney Island | 10 | 23.0 | +4 | ENE | 4 | b | 63 | 57 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 23.6 | +8 | NE | 3 | 2o | 58 | 56 | 6 | 6 | - | 1 | 2 | 1 | 2 | 15 | - |
| | Manston ... | 140 | 23.4 | +6 | NNE | 3 | 2o | 61 | 57 | 6 | - | 4 | - | 1 | 1 | - | - | - |
| 2 | North Weald | 244 | 25.1 | +6 | NE | 2 | b | 57 | 54 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Felixstowe ... | 10 | 23.9 | +2 | NNE | 3 | b | 58 | 57 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Gorleston ... | 5 | 24.0 | 0 | NNW | 2 | 2o | 58 | 56 | 6 | 5 | - | - | 2 | 2 | - | 10 | - |
| | Mildenhall | 15 | 25.1 | +6 | NE'N | 2 | f+ | 53 | 51 | 3 | - | - | - | 9 | 9 | - | 0 | - |
| | Bircham Newton | 221 | 25.8 | +6 | ENE | 3 | f+ | 55 | 55 | 0 | 5 | - | - | 8 | 8 | - | - | - |
| | Cranwell ... | 203 | 26.3 | +12 | NE | 1 | 2o | 55 | 55 | 5 | 5 | - | - | 8 | 8 | - | 3 | - |
| 3 | Cranfield ... | 340 | 25.1 | +6 | NNE | 2 | f+ | 57 | 57 | 3 | - | - | - | 9 | 9 | - | 0 | - |
| | Honiley ... | 427 | 25.8 | +6 | NNE | 3 | of | 57 | 56 | 0 | 5 | - | - | 8 | 8 | - | 2 | - |
| 4 | Little Rissington | 731 | 23.0 | +12 | NNE | 2 | m | 57 | 56 | 4 | 5 | - | - | 1 | 1 | - | 4 | - |
| | Shobden ... | 318 | 25.4 | +4 | NW | 2 | m | 53 | 53 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| 5 | Bristol ... | 209 | 24.8 | +6 | – | 0 | 2o | 57 | 56 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| | Chivenor ... | 20 | 24.1 | +6 | E | 2 | b-bc | 61 | 59 | 6 | 5 | - | - | 3 | 3 | - | 25 | - |
| | Yeovilton | 50 | 23.9 | +12 | – | 0 | m | 59 | 59 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Portland Bill | 32 | 22.9 | +8 | N | 2 | bc | 63 | 60 | 7 | 5 | - | - | 4 | 4 | - | 50 | - |
| | Exeter ... | 100 | 24.3 | +14 | N | 2 | 2o | 61 | 60 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Plymouth ... | 86 | 23.5 | +6 | – | 0 | m | 60 | 60 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | St. Eval ... | 345 | 24.4 | +6 | NNE | 2 | cf | 61 | 60 | 3 | 5 | 7 | - | 8 | 5 | 8 | 20 | - |
| | The Lizard | 240 | 23.0 | +10 | NNE | 4 | 2o | 63 | 60 | 5 | 5 | - | - | 7 | 7 | - | 10 | - |
| | Scilly, St. Marys | 163 | 24.0 | +6 | N'E | 3 | m | 60 | 60 | 4 | 5 | - | - | 3 | 3 | - | 8 | - |
| 6 | Fairwood ... | 268 | 24.9 | +6 | – | 0 | m | 59 | 58 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Pembroke ... | 142 | 24.9 | +8 | NE'E | 1 | 2o | 60 | 57 | 6 | 7 | - | - | 5 | 5 | - | 20 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 24.7 | +10 | NW | 3 | fs | 56 | 55 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Holyhead, Valley | 32 | 25.2 | +10 | N | 1 | 2o | 56 | 54 | 5 | - | 4 | - | 1 | 1 | - | - | - |
| | Hawarden | 15 | 26.6 | +14 | – | 0 | of | 53 | 52 | 3 | - | - | - | 9 | 9 | - | 0 | - |
| 8 | Manchester | 230 | 25.6 | +6 | – | 0 | m | 55 | 53 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Squires Gate | 30 | 25.3 | +8 | ESE | 2 | m | 58 | 55 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Silloth ... | 25 | 25.9 | +14 | ENE | 2 | 2o | 57 | 55 | 5 | 4 | - | - | 2 | 2 | - | 30 | - |
| 9 | Ashbourne ... | 590 | 26.0 | +6 | NE | 2 | m | 57 | 56 | 4 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Snaith ... | 30 | 27.1 | +10 | E'S | 1 | c | 57 | 55 | 7 | 5 | - | - | 8 | 8 | - | 8 | - |
| 10 | Spurn Head | 29 | 26.6 | +6 | NE'E | 2 | m | 55 | 55 | 4 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Catterick (Sc.) | 195 | 26.8 | +10 | SE'S | 1 | 2o | 58 | 56 | 6 | 5 | - | - | 8 | 8 | - | 11 | - |
| | Tynemouth | 108 | 27.0 | +4 | SE | 2 | o | 57 | 55 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Acklington | 138 | 26.8 | +6 | SW | 1 | of | 56 | 56 | 3 | 5 | - | - | 8 | 8 | - | 2 | - |
| 11 | St. Abb's Head | 280 | 26.3 | +10 | SSE | 1 | bf | 53 | 51 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Leuchars ... | 31 | 26.5 | +8 | – | 0 | fg | 51 | 49 | 6 | 5 | - | - | 1 | 1 | - | 20 | - |
| | Montrose ... | 22 | 27.8 | +8 | W | 1 | fg | 49 | 49 | 8 | - | 3 | - | 4 | 4 | - | - | - |
| 12 | Abbotsinch | 19 | 25.9 | +10 | – | 0 | 2o | 55 | 55 | 5 | 5 | - | 1 | 3 | 3 | 1 | 40 | - |
| | Prestwick ... | 30 | 26.1 | +10 | ESE | 1 | m | 57 | 54 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | West Freugh | 53 | 25.7 | +10 | NW | 2 | m | 54 | 53 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 22.6 | +14 | SW | 2 | 2o | 55 | 54 | 5 | 5 | - | - | 2 | 2 | - | 10 | - |
| 13A | Machrihanish | 35 | 26.5 | +10 | W'S | 3 | 2o | 57 | 55 | 5 | 5 | - | - | 4 | 4 | - | 50 | - |
| | Tiree ... | 44 | 27.0 | +8 | NW'W | 1 | c-bc | 55 | 55 | 7 | 5 | - | - | 5 | 3 | 5 | 25 | 40 |
| | Oban ... | 74 | 27.0 | +14 | – | 0 | f+ | 58 | 57 | 1 | - | - | - | 9 | 9 | - | 0 | – |
| 13B | Stornoway ... | 12 | 25.5 | +12 | WNW | 3 | clr | 58 | 57 | 7 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Cape Wrath | 367 | 25.6 | +2 | SW | 3 | bc | 60 | 58 | 7 | 5 | - | - | 4 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 26.3 | +14 | – | 0 | fs | 53 | 51 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Fraserburgh | 76 | 25.9 | +10 | S'W | 2 | b | 51 | 50 | 7 | - | - | 1 | 1 | - | - | - | - |
| | Alness ... | 63 | 25.8 | +10 | – | 0 | m | 57 | 56 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Wick ... | 114 | 26.1 | +10 | – | 0 | 2o | 53 | 51 | 6 | - | 3 | - | 4 | 4 | - | - | - |
| 16 | Hatston ... | 45 | 25.7 | +8 | S | 1 | b-bc/f | 53 | 53 | 6 | 5 | - | - | 3 | 3 | - | 2 | - |
| | Sumburgh ... | 15 | 26.6 | +6 | S | 2 | b | 54 | 53 | 8 | 5 | - | - | 2 | 1 | 1 | 8 | 25 |
| | Sullom Voe | 12 | 26.4 | +2 | S | 1 | d | 55 | 53 | 6 | 5 | - | - | 8 | 8 | - | 5 | - |
| 17 | Blacksod Point* | 18 | 27.7 | +10 | – | 0 | b | 53 | 51 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 18 | Malin Head * | 84 | 27.4 | +14 | – | 0 | c | 58 | 56 | 7 | 5 | - | - | 7 | 7 | - | 8 | - |
| | Aldergrove | 294 | 27.0 | +4 | NNW | 2 | 2o | 57 | 56 | 6 | 5 | - | - | 8 | 8 | - | 30 | - |
| | Cas. Archdale | 240 | 27.8 | +10 | NW | 1 | c | 58 | 56 | 9 | 5 | 2 | - | 7 | 4 | 6 | 20 | 40 |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown * | 220 | 26.1 | +10 | NNW | 1 | 2o | 61 | 57 | 6 | - | 3 | - | 7 | - | - | - | - |
| 20 | Foynes ... * | 3 | 27.0 | +6 | W'S | 4 | o | 59 | 55 | 8 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Valentia ... * | 30 | 27.7 | +6 | S | 1 | b | 52 | 50 | 9 | 5 | - | 3 | 2 | 1 | - | 18 | - |
| | Roches Point * | 22 | 25.7 | +6 | N | 4 | bc | 59 | 55 | 8 | - | 3 | - | 4 | - | - | - | - |

* Minimum temperatures and rainfall read at 0700 G.M.T.

## OBSERVATIONS at 06hr. G.M.T. 4th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind Direc. (19) | Wind Force. (20) | Weather. (21) | Temp. °F. (22) | Dew Point. °F. (23) | Visibility. 0–9 (24) | Cloud. Form. Low. (25) | Cloud. Form. Med. (26) | Cloud. Form. High. (27) | Cloud. Amount. Total. 0–9 (28) | Cloud. Amount. Low. A. 0–9 (29) | Cloud. Amount. Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 25.9 | +12 | N'E | 2 | 2o | 57 | 53 | 6 | 1 | - | - | 1 | 1 | - | 18 | - | 0 | * |
| Croydon ... | 26.2 | +14 | NW'N | 1 | 2o | 55 | 55 | 5 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Boscombe Down | 25.5 | +8 | N'W | 3 | 2o | 55 | 53 | 6 | 5 | 4 | - | 2 | 2 | 1 | 8 | - | 0 | * |
| Thorney Island | 24.2 | +10 | NNE | 4 | 2o | 58 | 54 | 6 | 5 | - | - | 1 | 1 | - | 30 | - | 0 | * |
| Friston ... | | | | | | | | | | | | | | | | | | * |
| Lympne ... | 24.3 | +4 | NE | 4 | 2o | 60 | 58 | 5 | 5 | - | - | 6 | 6 | - | 7 | - | 0 | §3 |
| Manston ... | 24.2 | +12 | NNE | 3 | 2o | 61 | 59 | 6 | 5 | - | - | 4 | 3 | 4 | 3 | 40 | 0 | * |
| North Weald | 26.0 | +6 | N'W | 4 | m | 54 | 54 | 4 | 5 | - | - | 6 | 6 | - | 4 | - | 0 | * |
| Felixstowe ... | 25.1 | +10 | NNW | 3 | 1 | 57 | 54 | 7 | 2 | - | - | 1 | 1 | - | 35 | - | 0 | 2 |
| Gorleston ... | 25.2 | -8 | N | 3 | if | 57 | 50 | 4 | 5 | - | - | 8 | 8 | - | - | - | 1 | 2 |
| Mildenhall | 26.5 | +6 | N'E | 3 | m/f | 55 | 54 | 4 | 5 | - | - | 8 | 8 | - | 2 | - | 1 | * |
| Bircham Newton | 26.8 | +6 | NE'N | 3 | F | 55 | 55 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Cranwell ... | 27.6 | +10 | N | 2 | of+ | 54 | 54 | 1 | 5 | - | - | 8 | 8 | - | - | - | 1 | * |
| Cranfield ... | 26.3 | +4 | NNE | 2 | f | 54 | 54 | 2 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Honiley ... | 27.3 | +10 | NE | 2 | of- | 54 | 54 | 3 | 5 | - | - | 8 | 8 | - | 3 | - | 0 | * |
| Little Rissington | 26.7 | +10 | NE | 3 | F | 54 | 54 | 1 | 5 | - | - | 8 | 8 | - | - | - | * | * |
| Shobden ... | 27.5 | +8 | E | 1 | F- | 55 | 55 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Bristol ... | 26.6 | +10 | N'E | 1 | F- | 56 | 56 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Chivenor ... | 25.4 | +6 | E | 1 | 2o | 56 | 54 | 5 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Yeovilton | 25.5 | +10 | – | 0 | of | 55 | 55 | 1 | 5 | - | - | 8 | 8 | - | 5 | - | 1 | * |
| Portland Bill | 24.0 | +6 | N | 4 | bc | 62 | 59 | 7 | 1 | - | - | 4 | 4 | - | 50 | - | 1 | 3 |
| Exeter ... | 25.4 | +6 | – | 0 | mf | 55 | 55 | 4 | - | 3 | - | 2 | 2 | - | 65 | - | 0 | * |
| Plymouth ... | 25.2 | +6 | – | 0 | 2o | 57 | 57 | 5 | - | 3 | - | 1 | 1 | - | - | - | 0 | 1 |
| St. Eval ... | 25.3 | +2 | NE | 1 | 2o | 61 | 60 | 5 | 5 | - | - | 4 | 4 | - | 40 | - | 0 | * |
| The Lizard | 24.0 | +6 | NE | 3 | 2o | 63 | 60 | 5 | 7 | - | - | 4 | 4 | - | 25 | - | 0 | 3 |
| Scilly, St. Marys | 24.7 | +4 | NE'N | 3 | m | 60 | 60 | 4 | 5 | 5 | - | 6 | 4 | 4 | 10 | 40 | 1 | 2 |
| Fairwood ... | 26.2 | +6 | – | 0 | m | 57 | 57 | 4 | - | 7 | - | 3 | 3 | - | - | - | 0 | * |
| Pembroke ... | 26.4 | +2 | – | 0 | 2o | 58 | 54 | 6 | 7 | 7 | - | 4 | 4 | 3 | 25 | - | 0 | 2 |
| Aberporth ... | 26.1 | +4 | SE | 1 | F | 57 | 57 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | 0 |
| Penrhos ... | 26.2 | +8 | – | 0 | fs | 58 | 57 | 5 | - | - | - | 0 | 0 | 0 | - | - | 0 | 1 |
| Holyhead, Valley | 26.7 | +8 | N'E | 1 | F | 57 | 57 | 0 | - | - | - | 9 | 9 | - | 0 | - | | 1 |
| Hawarden | 28.0 | +12 | SE | 1 | do | 57 | 56 | 3 | 5 | - | - | 8 | 8 | - | 1 | - | 0 | * |
| Manchester | 27.4 | +8 | – | 0 | f+ | 53 | 53 | 0 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Squires Gate | 27.5 | +8 | ESE | 2 | 2o | 54 | 52 | 5 | - | - | - | 0 | 0 | 0 | - | - | 0 | |
| Silloth ... | 27.7 | +10 | ENE | 2 | m | 54 | 54 | 4 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Ashbourne ... | 25.9 | +8 | NNE | 2 | f | 54 | 53 | 2 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Snaith ... | 28.5 | +8 | – | 0 | 2o | 56 | 45 | 6 | 5 | - | 4 | 8 | 8 | - | 8 | - | 0 | * |
| Spurn Head | 27.5 | +6 | N'E | 3 | of | 54 | 54 | 3 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | 3 |
| Catterick (Sc.) | 28.3 | +6 | – | 0 | 2o | 57 | 55 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 0 | * |
| Tynemouth | 28.5 | +12 | ENE | 1 | of | 56 | 56 | 2 | 5 | - | - | 8 | 8 | - | 4 | - | 1 | 2 |
| Acklington | 28.3 | +8 | SW | 1 | df | 55 | 55 | 3 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| St. Abb's Head | 28.0 | +8 | WNW | 2 | F | 52 | 50 | 0 | - | - | - | 9 | 9 | - | 0 | - | 1 | 3 |
| Leuchars ... | 28.4 | +10 | – | 0 | F | 54 | 53 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Montrose ... | 29.2 | +6 | NW | 1 | F | 52 | 52 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Abbotsinch | 27.6 | +10 | – | 0 | bf- | 51 | 51 | 2 | - | - | - | 0 | 0 | 0 | - | - | 1 | * |
| Prestwick ... | 27.7 | +6 | NE | 2 | b-bc f | 57 | 54 | 3 | - | 7 | 1 | 3 | 3 | 2 | 80 | - | 0 | * |
| West Freugh | 27.3 | +10 | NW | 2 | F | 57 | 57 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Eskdalemuir | 27.9 | +6 | – | 0 | fg | 50 | 48 | 3 | - | - | - | 0 | 0 | 0 | - | - | 1 | * |
| Jurby, I. of Man | 27.6 | +6 | – | 0 | bf+ | 54 | 54 | 1 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Machrihanish | 27.9 | +6 | NW'W | 2 | 2o | 57 | 55 | 5 | 5 | 7 | - | 3 | 2 | 3 | 3 | 25 | 0 | 1 |
| Tiree ... | 28.8 | +18 | NNW | 2 | c-bc | 55 | 54 | 7 | 5 | 3 | - | 5 | 4 | 4 | 8 | 25 | 1 | 1 |
| Oban ... | 28.4 | +8 | – | 0 | d | 58 | 57 | 4 | 5 | - | - | 8 | 7 | 8 | 1 | 5 | 1 | 1 |
| Stornoway ... | 27.8 | +10 | W | 2 | c-bc | 55 | 53 | 8 | 8 | - | - | 5 | 4 | 3 | 9 | 25 | 0 | 2 |
| Cape Wrath | 27.3 | +22 | WSW | 3 | F | 57 | 57 | 0 | - | - | - | 9 | 9 | - | 0 | - | | 2 |
| Dalwhinnie | 28.5 | +6 | SSE | 1 | b | 47 | 46 | 5 | 5 | 4 | - | 2 | 1 | 2 | 17 | - | 0 | * |
| Aberdeen† ... | 27.8 | +12 | – | 0 | m | 49 | 49 | 4 | 5 | - | - | 1 | 1 | - | 15 | - | 1 | 1 |
| Fraserburgh | 27.5 | +10 | WNW | 1 | fg | 56 | 55 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Alness ... | 27.7 | +10 | NW | 1 | 2o | 54 | 53 | 6 | - | - | 1 | 1 | 1 | - | - | - | 0 | * |
| Wick ... | 27.3 | +8 | W | 1 | b-bc f | 55 | 53 | 3 | - | 3 | - | 3 | 3 | - | - | - | 0 | * |
| Hatston ... | 27.4 | +14 | – | 0 | if | 53 | 53 | 4 | 5 | - | - | 7 | 3 | 4 | 1 | 5 | * | * |
| Sumburgh ... | 27.3 | +6 | SSE | 2 | b-bc | 57 | 55 | 8 | 5 | - | - | 3 | 1 | 3 | 5 | 8 | 0 | 2 |
| Sullom Voe | 27.2 | +6 | S | 3 | b | 55 | 52 | 7 | 5 | 4 | - | 2 | 1 | 2 | 7 | - | 0 | * |
| Blacksod Point* | 28.8 | +8 | – | 0 | b | 52 | 51 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Malin Head * | 28.5 | +10 | NNE | 1 | c-bc | 56 | 54 | 8 | 5 | - | 8 | 5 | 5 | - | 15 | - | 0 | 1 |
| Aldergrove | 28.4 | +6 | – | 0 | c-bc | 55 | 53 | 7 | 5 | - | - | 5 | 3 | 5 | 10 | 40 | 0 | * |
| Cas. Archdale | 28.9 | +8 | – | 0 | c-bc | 55 | 54 | 9 | 5 | 4 | - | 5 | 4 | 5 | 15 | 40 | 0 | * |
| Birr Castle ... | 28.2 | +10 | NW | 1 | c | 55 | 53 | 8 | 5 | - | - | 8 | 8 | - | 25 | - | 0 | * |
| Collinstown * | 27.7 | +8 | NW'N | 2 | m | 58 | 57 | 4 | 5 | 3 | - | 5 | 4 | - | 2 | - | 0 | * |
| Foynes ... * | 28.1 | +6 | N'W | 1 | b | 57 | 53 | 8 | 5 | - | - | 2 | 2 | - | 34 | - | 0 | * |
| Valentia ... * | 28.5 | +8 | ENE | 1 | b | 50 | 49 | 9 | 5 | - | 1 | 1 | 1 | - | 25 | - | 1 | 1 |
| Roches Point * | 27.0 | +6 | N | 4 | c-bc | 59 | 55 | 8 | 5 | 3 | - | 5 | 4 | - | 25 | - | 0 | 3 |

Station 103 read at 0700 G.M.T.

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h-18h °F. (35) | Temperature. Min. Night 18h-6h °F. (36) | Temperature. Min. on Grass °F. (37) | Rainfall. Day 6h-18h mm. (38) | Rainfall. Night 18h-6h mm. (39) | Sunshine 3rd Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 76 | 56 | 45 | - | - | 7.4 |
| Croydon ... | 75 | 52 | 47 | - | - | 7.4 |
| Boscombe Down | 76 | 53 | 51 | - | - | 8.5 |
| Thorney Island | 78 | 57 | 50 | - | - | * |
| Friston ... | | | | | | |
| Lympne ... | 70 | 54 | 52 | - | - | 9.7 |
| Manston ... | 66 | 59 | 57 | - | - | 5.8 |
| North Weald | 73 | 51 | * | * | * | * |
| Felixstowe ... | 71 | 55 | 53 | - | Tr | 7.3 |
| Gorleston ... | 62 | 56 | 51 | - | - | 1.5 |
| Mildenhall | 75 | 51 | 45 | Tr | Tr | 7.3 |
| Bircham Newton | 66 | 54 | 54 | - | Tr | * |
| Cranwell ... | 69 | 53 | 53 | Tr | - | 5.1 |
| Cranfield ... | 72 | 54 | 52 | - | - | * |
| Honiley ... | 65 | 54 | 52 | - | - | * |
| Little Rissington | - | 53 | 53 | Tr | - | * |
| Shobden ... | 64 | 50 | 44 | Tr | - | * |
| Bristol ... | 72 | 54 | 44 | - | - | 4.9 |
| Chivenor ... | 72 | 55 | 50 | - | - | * |
| Yeovilton | 76 | 50 | 45 | - | - | * |
| Portland Bill | 63 | 59 | * | - | - | * |
| Exeter ... | 79 | 54 | 48 | - | - | * |
| Plymouth ... | 69 | 57 | 44 | Tr | - | 0.4 |
| St. Eval ... | 66 | 59 | 55 | 0.5 | 1 | * |
| The Lizard | 69 | 61 | * | - | - | 0.2 |
| Scilly, St. Marys | 62 | 59 | * | 3 | Tr | 0.0 |
| Fairwood ... | - | 56 | 53 | - | - | * |
| Pembroke ... | 69 | 58 | * | - | - | 8.1 |
| Aberporth ... | 68 | 54 | 45 | - | - | 10.9 |
| Penrhos ... | 69 | 55 | 43 | - | - | * |
| Holyhead, Valley | 71 | 52 | 46 | - | - | * |
| Hawarden | 67 | 53 | 41 | - | Tr | 3.1 |
| Manchester | 71 | 49 | 44 | - | - | * |
| Squires Gate | 71 | 51 | 49 | - | - | * |
| Silloth ... | 73 | 53 | 49 | - | - | * |
| Ashbourne ... | 65 | 53 | 49 | Tr | - | * |
| Snaith ... | 69 | 55 | 55 | - | - | * |
| Spurn Head | 55 | 53 | * | Tr | - | 0.0 |
| Catterick (Sc.) | 73 | 57 | 55 | - | - | 5.0 |
| Tynemouth | 62 | 56 | 53 | - | - | |
| Acklington | 53 | 54 | 55 | - | Tr | * |
| St. Abb's Head | 62 | 50 | * | - | - | * |
| Leuchars ... | 64 | 49 | 43 | - | Tr | 6.7 |
| Montrose ... | 62 | 47 | 39 | - | - | * |
| Abbotsinch | 72 | 50 | 48 | - | - | 6.0 |
| Prestwick ... | 74 | 54 | 52 | - | - | * |
| West Freugh | 70 | 51 | 49 | - | - | * |
| Eskdalemuir | 76 | 46 | 41 | Tr | - | 10.0 |
| Jurby, I. of Man | 71 | 51 | 48 | - | - | * |
| Machrihanish | 71 | 57 | 56 | - | - | * |
| Tiree ... | 73 | 54 | 52 | - | 0.2 | 1.1 |
| Oban ... | 73 | 57 | * | - | * | * |
| Stornoway ... | 73 | 54 | 52 | - | 0.1 | 9.0 |
| Cape Wrath | 68 | | * | - | | * |
| Dalwhinnie | 74 | 45 | 37 | - | - | 12.5 |
| Aberdeen† ... | 61 | 47 | 37 | - | - | 7.1 |
| Fraserburgh | 63 | 46 | 40 | - | - | * |
| Alness ... | 75 | 50 | 42 | - | Tr | * |
| Wick ... | 60 | 51 | 44 | - | - | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 57 | 53 | 51 | - | Tr | 1.3 |
| Sullom Voe | 68 | 51 | 46 | - | Tr | * |
| Blacksod Point* | 62 | 47 | * | - | - | * |
| Malin Head * | 65 | 55 | * | - | - | 0.0 |
| Aldergrove | 71 | 54 | 46 | - | Tr | 4.4 |
| Cas. Archdale | 69 | 54 | 48 | - | * | * |
| Birr Castle ... | 68 | 52 | 48 | - | - | 2.2 |
| Collinstown * | 67 | 58 | 54 | - | - | 6.8 |
| Foynes ... * | 67 | 55 | 48 | - | - | 2.5 |
| Valentia ... * | 66 | 49 | 42 | - | Tr | 8.1 |
| Roches Point * | 68 | 59 | * | Tr | - | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 5 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

**BRITISH SECTION**

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Saturday 5th August 1944

No. 30207

## OBSERVATIONS at 12h. G.M.T. 4th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 26.2 | -2 | N'E | 3 | b.bc | 74 | 56 | 7 | 1 | 3 | - | 2 | 1 | 2 | 25 | - |
| | Croydon | 26.1 | -6 | NNE | 3 | b.bc | 73 | 57 | 7 | 1 | 3 | 1 | 3 | 3 | 3 | 40 | - |
| | Boscombe Down | 25.8 | -2 | NE'E | 3 | b | 75 | 56 | 7 | 5 | - | - | 1 | 1 | - | 20 | - |
| | Thorney Island | 24.9 | -2 | NNE | 3 | b | 76 | 60 | 7 | 1 | - | - | 1 | 1 | - | 35 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 25.3 | +2 | NNE | 5 | b | 70 | 59 | 7 | - | 4 | - | 1 | 1 | - | 120 | - |
| | Manston | 25.8 | +6 | N'E | 3 | z | 69 | 59 | 6 | 5 | - | - | 5 | 5 | - | 5 | - |
| 2 | North Weald | 26.7 | +6 | NNE | 4 | b | 71 | 57 | 7 | 1 | 4 | 1 | 2 | 1 | 2 | 30 | - |
| | Felixstowe | 25.9 | +2 | ENE | 4 | b | 71 | 61 | 8 | 1 | 3 | - | 1 | 1 | 1 | 35 | - |
| | Gorleston | 26.3 | +4 | N | 4 | z | 63 | 59 | 5 | 5 | - | - | 4 | 4 | - | 10 | - |
| | Mildenhall | 27.0 | -6 | N'E | 3 | b | 71 | 50 | 8 | 5 | - | - | 1 | 1 | - | 25 | - |
| | Bircham Newton | 28.1 | +2 | ENE | 3 | c.bc | 61 | 57 | 8 | 5 | - | - | 5 | 5 | - | 4 | - |
| | Cranwell | 28.1 | -4 | NNE | 3 | b.bc | 71 | 58 | 7 | 8 | - | 1 | 3 | 3 | 1 | 30 | - |
| 3 | Cranfield | 27.0 | -4 | NNE | 4 | b | 69 | 56 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Honiley | 27.6 | -4 | NE | 3 | z | 71 | 56 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| 4 | Little Rissington | 27.6 | 0 | ENE | 3 | b | 71 | 55 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Shobden | 28.2 | -2 | E | 1 | z | 70 | 58 | 6 | 1 | - | - | 2 | 2 | - | 30 | - |
| 5 | Bristol | 26.6 | -10 | NE | 3 | bc | 75 | 59 | 7 | 1 | - | - | 4 | 4 | - | 30 | - |
| | Chivenor | 26.4 | +2 | SE | 2 | bc | 78 | 49 | 7 | 1 | 6 | - | 4 | 1 | 4 | 15 | - |
| | Yeovilton | 26.2 | -2 | NE'N | 3 | b.bc | 74 | 64 | 7 | 1 | 4 | - | 3 | 3 | 2 | 20 | - |
| | Portland Bill | 25.3 | +6 | NE | 3 | bc | 73 | 70 | 8 | 2 | - | - | 4 | 4 | - | 50 | - |
| | Exeter | 26.0 | -2 | ENE | 3 | b.bc | 78 | 56 | 7 | 1 | 4 | - | 3 | 1 | 3 | 40 | 72 |
| | Plymouth | 26.0 | 0 | NE | 3 | b.bc | 77 | 57 | 8 | 1 | 4 | - | 3 | 1 | 3 | 30 | - |
| | St. Eval | 26.5 | +4 | NE | 1 | z | 71 | 63 | 6 | 2 | - | - | 3 | 3 | - | 40 | - |
| | The Lizard | 26.0 | +10 | ENE | 2 | z | 72 | 54 | 6 | 7 | - | - | 4 | 4 | - | 30 | - |
| | Scilly, St. Marys | 26.4 | +6 | NNE | 2 | bc | 66 | 62 | 6 | 1 | 3 | - | 4 | 3 | 3 | 30 | 57 |
| 6 | Fairwood | 26.8 | -2 | - | 0 | z | 71 | 62 | 5 | 2 | 3 | - | 3 | 2 | 2 | 20 | - |
| | Pembroke | 27.6 | 0 | - | 0 | q | 66 | 58 | 6 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Aberporth | 27.6 | +9 | N | 2 | bjf | 63 | 59 | 5 | 5 | - | - | 1 | 1 | - | 20 | - |
| 7 | Penrhos | 27.4 | +2 | W | 2 | z | 67 | 61 | 6 | 1 | - | - | 1 | 1 | - | 30 | - |
| | Holyhead, Valley | 28.3 | +6 | SW | 2 | bjf | 66 | 61 | 4 | 2 | - | - | 1 | 1 | - | 25 | - |
| | Hawarden | 28.1 | +2 | SE | 3 | z | 72 | 58 | 6 | 2 | - | - | 2 | 2 | - | 20 | - |
| 8 | Manchester | 27.6 | -6 | - | 0 | z | 74 | 58 | 6 | 1 | - | - | 2 | 2 | - | 25 | - |
| | Squires Gate | 28.3 | 0 | NW | 3 | z | 70 | 60 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Silloth | 28.3 | -4 | W'N | 2 | z | 65 | 66 | 5 | 5 | - | - | 1 | 1 | - | 12 | - |
| 9 | Ashbourne | 27.9 | -2 | ENE | 3 | z | 73 | 56 | 6 | 1 | - | - | 2 | 2 | - | 30 | - |
| | Snaith | 29.0 | -2 | E'S | 3 | b | 70 | 59 | 7 | - | - | 1 | 2 | 2 | - | 250 | - |
| 10 | Spurn Head | 28.9 | 0 | N'E | 3 | m | 59 | 56 | 4 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Catterick (Sc.) | 28.9 | +2 | - | 0 | b.bc | 72 | 58 | 7 | 2 | - | 6 | 3 | 2 | 3 | 25 | - |
| | Tynemouth | 29.5 | +6 | SE | 3 | z | 63 | 58 | 5 | 5 | - | - | 4 | 4 | - | 12 | - |
| | Acklington | 26.9 | +2 | ESE | 3 | z | 64 | 58 | 5 | 5 | - | - | 3 | 3 | - | 30 | - |
| 11 | St. Abb's Head | 27.6 | +4 | ESE | 1 | F | 56 | 54 | 1 | - | - | - | 9 | 9 | 0 | 0 | - |
| | Leuchars | 29.3 | -2 | E | 1 | z | 59 | 56 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| | Montrose | 30.9 | +6 | NE | 1 | c/f | 57 | 55 | 4 | 5 | - | - | 8 | 8 | - | 4 | - |
| 12 | Abbotsinch | 28.0 | -6 | NNE | 1 | z | 74 | 65 | 6 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Prestwick | 28.7 | 0 | W | 3 | z | 68 | 59 | 6 | 1 | - | - | 1 | 1 | - | 18 | - |
| | West Freugh | 28.7 | +6 | NNW | 2 | z | 65 | 61 | 5 | 5 | - | - | 4 | 4 | - | 20 | - |
| | Eskdalemuir | 27.6 | +2 | SE'E | 2 | z | 72 | 57 | 6 | 2 | - | - | 3 | 3 | - | 32 | - |
| | Jurby, I. of Man | 29.3 | +10 | W'N | 2 | F | 61 | 53 | 3 | - | - | - | 9 | 9 | 0 | 0 | - |
| 13A | Machrihanish | 29.4 | +6 | NW'W | 2 | b.bc | 62 | 59 | 7 | 7 | - | - | 3 | 2 | 3 | 8 | 25 |
| | Tiree | 30.1 | +6 | NE | 1 | c.bc | 61 | 55 | 9 | 5 | - | - | 5 | 3 | 4 | 17 | 15 |
| | Oban | 29.8 | +6 | - | 0 | z | 64 | 59 | 7 | 5 | - | - | 8 | 5 | 8 | 10 | 15 |
| 13B | Stornoway | 29.6 | +6 | SSE | 3 | b.bc | 62 | 54 | 8 | 1 | - | - | 3 | 3 | 2 | 25 | 40 |
| | Cape Wrath | 30.1 | +12 | NW | 1 | c.bc | 57 | 55 | 9 | 7 | 2 | - | 5 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 29.5 | +4 | SSW | 2 | b.bc | 73 | 54 | 6 | 2 | - | - | 3 | 3 | - | 30 | - |
| | Aberdeen | 29.7 | +6 | ESE | 2 | z | 68 | 56 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Fraserburgh | 29.9 | +10 | NW | 2 | z | 63 | 59 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| | Alness | 29.0 | +6 | SE | 1 | z | 72 | 58 | 6 | 2 | - | - | 2 | 2 | - | 30 | - |
| | Wick | 29.6 | +6 | NW | 2 | z | 63 | 58 | 6 | 5 | - | - | 7 | 4 | 7 | 10 | 25 |
| 16 | Hatston | 29.5 | +10 | WNW | 3 | z | 62 | 59 | 6 | 5 | - | - | 7 | 4 | 7 | 5 | 15 |
| | Sumburgh | 29.4 | +6 | SW | 2 | c | 57 | 53 | 8 | 5 | - | - | 6 | 1 | 6 | 9 | 15 |
| | Sullom Voe | 28.7 | +4 | SW | 3 | b | 65 | 55 | 8 | 1 | - | - | 2 | 2 | - | 15 | - |
| 17 | Blacksod Point | 29.5 | +6 | - | 0 | b.bc | 66 | 54 | 9 | 2 | - | - | 3 | 3 | 9 | 57 | - |
| 18 | Malin Head | 29.4 | +6 | - | 0 | o.bc | 58 | 56 | 8 | 8 | 8 | - | 5 | 5 | 8 | 25 | - |
| | Aldergrove | 29.2 | +2 | NNW | 1 | z | 67 | 60 | 6 | 5 | - | - | 5 | 2 | 5 | 15 | 25 |
| | Cas. Archdale | 29.5 | -2 | W | 1 | b.bc | 67 | 58 | 9 | 1 | - | 1 | 3 | 3 | 1 | 20 | - |
| 19 | Birr Castle | 28.7 | 0 | N | 1 | bc | 71 | 59 | 8 | - | - | - | 4 | 0 | 0 | 0 | - |
| | Collinstown | 28.9 | +2 | NNE | 3 | c.bc | 65 | 57 | 7 | 7 | - | - | 5 | 5 | - | 14 | - |
| 20 | Foynes | 28.8 | +2 | NE'N | 2 | b | 67 | 55 | 9 | 1 | - | 4 | 2 | 1 | - | 28 | - |
| | Valentia | 28.8 | +4 | NW | 3 | b.bc | 67 | 53 | 9 | 2 | - | 4 | 5 | 2 | 0 | 27 | - |
| | Roches Point | 28.7 | +4 | SSE | 1 | bc | 65 | 63 | 8 | 1 | 3 | - | 4 | 2 | 3 | 40 | - |

## OBSERVATIONS at 18h. G.M.T. 4th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A 0-9 (29) | Cloud Amount Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 25.9 | +6 | N'E | 2 | c/pr | 69 | 57 | 8 | 8 | 3 | 8 | 6 | 4 | 5 | 21 | 40 | 0 | * |
| Croydon | 25.7 | +2 | NNW | 3 | c | 72 | 57 | 7 | - | 7 | 1 | 6 | 5 | 3 | 100 | - | 0 | * |
| Boscombe Down | 25.2 | -2 | NE'N | 3 | c/tlr | 69 | 57 | 8 | 3 | - | 3 | 6 | 5 | 3 | 18 | - | 1 | * |
| Thorney Island | 29.5 | +2 | NNE | 4 | bc | 75 | 53 | 9 | 8 | 3 | - | 4 | 4 | 2 | 40 | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 24.7 | -2 | NNE | 5 | bc | 70 | 56 | 8 | - | - | 4 | 4 | 4 | · | 210 | - | 0 | § * |
| Manston | 24.7 | -6 | NE | 3 | CF | 62 | 60 | 3 | 5 | - | - | 8 | 8 | 0 | 0 | - | 0 | * |
| North Weald | 26.5 | +2 | WNW | 4 | cbcjp | 68 | 60 | 7 | 8 | 3 | 1 | 5 | 5 | 5 | 40 | - | 1 | * |
| Felixstowe | 25.5 | -2 | ENE | 4 | c.bc | 68 | 62 | 7 | - | 3 | 5 | 5 | 1 | 5 | 100 | - | 0 | 1 |
| Gorleston | 25.8 | +2 | N | 3 | F | 62 | 50 | 2 | - | - | - | 9 | 9 | 0 | 0 | - | 0 | 2 |
| Mildenhall | 26.2 | -6 | NNE | 4 | b.bc | 73 | 60 | 8 | 2 | 6 | 2 | 3 | 1 | 1 | 30 | - | 0 | * |
| Bircham Newton | 27.6 | -4 | NE'E | 3 | F | 59 | 59 | 3 | - | - | - | 9 | 9 | 0 | 0 | - | 0 | * |
| Cranwell | 27.5 | 0 | NE | 3 | bc | 70 | 57 | 8 | 4 | - | 2 | 4 | 3 | 3 | 35 | - | 0 | * |
| Cranfield | 26.1 | -2 | NNE | 3 | bc | 75 | 55 | 8 | 3 | - | 3 | 4 | 3 | 4 | 30 | - | 0 | * |
| Honiley | 26.4 | -6 | NE | 3 | bc | 73 | 56 | 7 | 8 | 4 | - | 4 | 4 | 3 | 25 | - | 0 | * |
| Little Rissington | 25.9 | -4 | NE | 4 | bc | 73 | 57 | 8 | 3 | 6 | 3 | 4 | 4 | 2 | 25 | - | 0 | * |
| Shobden | 26.9 | +4 | NE | 2 | b.bc | 75 | 56 | 7 | 2 | - | - | 3 | 3 | - | 35 | - | 0 | * |
| Bristol | 25.3 | -10 | NNE | 3 | b | 76 | 54 | 8 | 3 | - | 3 | 2 | 2 | 1 | 30 | - | 0 | * |
| Chivenor | 25.6 | -6 | NE | 3 | b | 77 | 55 | 8 | 2 | - | 1 | 1 | 1 | 1 | 25 | - | 0 | * |
| Yeovilton | 25.4 | -4 | NE'N | 2 | b | 78 | 62 | 8 | 3 | - | - | 2 | 2 | - | 35 | - | 0 | * |
| Portland Bill | 24.3 | -10 | W | 2 | c | 63 | 58 | 8 | 2 | - | - | 6 | 5 | - | 50 | - | 1 | 3 |
| Exeter | 25.5 | -2 | NNE | 3 | bc | 77 | 60 | 8 | 2 | - | - | 4 | 4 | - | 30 | - | 0 | * |
| Plymouth | 25.8 | -4 | S'E | 3 | b.bc | 71 | 59 | 8 | 1 | - | - | 3 | 3 | - | 30 | - | 0 | 1 |
| St. Eval | 26.2 | -2 | N | 2 | b | 71 | 59 | 7 | 2 | 6 | - | 2 | 2 | 1 | 20 | - | 0 | * |
| The Lizard | 25.6 | -6 | - | 0 | z | 71 | 63 | 6 | 7 | - | - | 4 | 4 | - | 30 | - | 0 | 2 |
| Scilly, St. Marys | 26.3 | -4 | NE'N | 2 | b | 66 | 63 | 5 | - | - | - | 0 | 0 | 0 | - | - | 0 | 2 |
| Fairwood | 26.4 | -4 | NW'W | 3 | z | 73 | 57 | 6 | 1 | - | - | 1 | 1 | - | 30 | - | 1 | * |
| Pembroke | 27.0 | 0 | N | 2 | z | 71 | 61 | 6 | 2 | - | - | 3 | 3 | - | 25 | - | 0 | 2 |
| Aberporth | 27.5 | -2 | N | 2 | b.bcjf | 63 | 60 | 5 | 5 | - | - | 3 | 3 | 0 | 0 | - | 0 | 1 |
| Penrhos | 26.7 | -4 | NW | 3 | z | 68 | 61 | 6 | 2 | 6 | - | 3 | 3 | 1 | 25 | - | 0 | 2 |
| Holyhead, Valley | 27.6 | -6 | NE'E | 2 | z | 74 | 62 | 5 | 8 | 6 | - | 4 | 3 | 2 | 50 | - | 0 | 1 |
| Hawarden | 26.9 | -8 | ESE | 1 | b.bc | 78 | 55 | 8 | 2 | - | - | 3 | 3 | - | 25 | - | 0 | * |
| Manchester | 27.1 | 0 | ESE | 2 | c.bcjp | 71 | 64 | 8 | 3 | - | - | 5 | 5 | - | 25 | - | 0 | * |
| Squires Gate | 27.3 | -6 | NE | 3 | z | 73 | 59 | 6 | - | 7 | - | 2 | 2 | - | 100 | - | 0 | * |
| Silloth | 27.6 | -6 | SW | 3 | z | 66 | 61 | 5 | 2 | 3 | 3 | 3 | 1 | 3 | 25 | - | 0 | * |
| Ashbourne | 27.4 | +4 | ENE | 2 | b.bc | 73 | 55 | 8 | 1 | - | 1 | 3 | 3 | 2 | 30 | - | 0 | * |
| Snaith | 28.3 | -2 | ESE | 3 | b | 70 | 69 | 8 | 1 | - | 1 | 2 | 1 | 2 | 30 | - | 0 | * |
| Spurn Head | 28.6 | -6 | N'E | 4 | bc | 61 | 58 | 7 | 7 | 3 | 1 | 4 | 3 | 1 | 25 | 72 | 0 | - |
| Catterick (Sc.) | 28.5 | -2 | NE'N | 3 | b | 67 | 58 | 5 | - | - | 1 | 1 | 1 | 0 | - | - | 0 | - |
| Tynemouth | 29.8 | -2 | ESE | 2 | F | 57 | 57 | 3 | 5 | - | - | 8 | 8 | - | 20 | - | 1 | 2 |
| Acklington | 29.7 | -2 | SE | 2 | z | 55 | 55 | 5 | 5 | - | - | 8 | 8 | - | 6 | - | 0 | - |
| St. Abb's Head | 28.8 | -8 | SSE | 4 | F | 54 | 52 | 0 | - | - | - | 9 | 9 | 0 | 0 | - | 1 | 3 |
| Leuchars | 29.5 | -2 | ENE | 1 | F | 57 | 56 | 1 | - | - | - | 9 | 9 | 0 | 0 | - | 1 | * |
| Montrose | 30.5 | -2 | E | 2 | df | 56 | 56 | 2 | - | - | - | 9 | 9 | 0 | 0 | - | 1 | * |
| Abbotsinch | 27.2 | -2 | - | 0 | bc | 71 | 61 | 7 | 7 | 3 | - | 4 | 4 | 3 | 16 | 25 | 1 | * |
| Prestwick | 28.1 | -6 | W | 2 | z | 65 | 60 | 6 | 5 | - | - | 3 | 3 | - | 30 | - | 0 | * |
| West Freugh | 27.7 | -4 | N | 2 | z | 67 | 61 | 6 | 1 | 4 | - | 2 | 1 | 1 | 20 | - | 0 | * |
| Eskdalemuir | 27.3 | 0 | E | 1 | bc | 70 | 57 | 8 | 8 | - | - | 4 | 4 | - | 28 | - | 0 | * |
| Jurby, I. of Man | 28.3 | -6 | SW'W | 2 | b.bcf | 60 | 57 | 3 | 5 | - | 1 | 3 | 3 | 1 | 0 | - | 0 | * |
| Machrihanish | 28.6 | -4 | W'S | 3 | b | 61 | 56 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | 2 |
| Tiree | 29.1 | -6 | NNW | 1 | b | 60 | 54 | 9 | - | - | - | 0 | 0 | 0 | - | - | 0 | 1 |
| Oban | 28.4 | -6 | SW | 2 | b | 65 | 59 | 9 | 5 | - | - | 1 | 1 | - | 20 | - | 0 | 2 |
| Stornoway | 28.5 | -6 | - | 0 | b.bc | 61 | 53 | 8 | 1 | - | 1 | 3 | 2 | 1 | 25 | - | 0 | 1 |
| Cape Wrath | 29.5 | 0 | ENE | 3 | bc | 57 | 55 | 9 | 8 | 4 | - | 4 | 3 | - | 25 | - | 0 | 2 |
| Dalwhinnie | 29.0 | -2 | S | 3 | c.bc | 68 | 54 | 7 | 7 | - | - | 5 | 5 | - | 25 | - | 0 | * |
| Aberdeen | 31.7 | -2 | S | 2 | F | 58 | 56 | 3 | - | - | - | 9 | 9 | 0 | 0 | - | 1 | 1 |
| Fraserburgh | 30.0 | -2 | E'S | 2 | F | 55 | 54 | 1 | - | - | - | 9 | 9 | 0 | 0 | - | 0 | - |
| Alness | 29.0 | +2 | ENE | 3 | z | 64 | 60 | 5 | 5 | - | - | 7 | 3 | 7 | 4 | 15 | 0 | * |
| Wick | 29.8 | +2 | NNE | 2 | b | 62 | 56 | 8 | 5 | - | - | 1 | 1 | - | 10 | - | 0 | * |
| Hatston | 29.9 | +2 | NNE | 2 | b.bc | 60 | 56 | 7 | 5 | - | - | 3 | 3 | - | 20 | - | * | * |
| Sumburgh | 29.8 | -2 | WSW | 1 | F | 55 | 54 | 3 | - | - | - | 9 | 9 | 0 | 0 | - | 1 | |
| Sullom Voe | 29.4 | -2 | W | 2 | cjf | 59 | 55 | 7 | 5 | - | - | 8 | 8 | - | 12 | - | * | * |
| Blacksod Point | 28.7 | -6 | WNW | 1 | b.bc | 64 | 48 | 9 | 1 | - | 5 | 3 | 2 | 9 | 40 | - | 0 | 2 |
| Malin Head | 28.8 | -8 | E'N | 1 | b | 57 | 53 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | 2 |
| Aldergrove | 28.2 | -6 | NNW | 1 | b.bc | 70 | 62 | 7 | 1 | - | - | 3 | 3 | - | 20 | - | 0 | * |
| Cas. Archdale | 28.2 | -8 | W'N | 2 | b.bc | 70 | 59 | 9 | 1 | 7 | - | 3 | 3 | 1 | 30 | - | 0 | * |
| Birr Castle | 27.2 | -12 | N | 1 | bc | 75 | 62 | 8 | 1 | - | 8 | 4 | 3 | - | 25 | - | 0 | * |
| Collinstown | 28.1 | 0 | NE | 2 | z | 66 | 62 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Foynes | 27.2 | -10 | - | 0 | c.bc | 72 | 57 | 9 | 1 | - | 6 | 5 | 1 | - | 28 | - | 0 | * |
| Valentia | 28.0 | -6 | W'N | 1 | c | 63 | 59 | 9 | 1 | - | 6 | 6 | 1 | 8 | 32 | - | 0 | , |
| Roches Point | 27.8 | -6 | S'E | 2 | bc | 64 | 62 | 8 | 2 | 3 | 5 | 4 | 1 | 8 | 25 | - | 1 | 3 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 4th (41) | Weather 12h.–18h. 4th (42) | Weather 18h. 4th to 00h. 5th (43) | Weather 00h.–06h. 5th (44) |
|---|---|---|---|---|
| Kew | bmowby | cprohpro | prbob | bgmow |
| Croydon | bmo zob | bcycy | bczomo | bcmo cmow |
| Boscombe Down | b | bycycp r | cprcbc | bbcb |
| Thorney Island | b | bcy | bcbbc | bcb |
| Friston | | | | |
| Lympne | cm, bcz | bcy | bcmow | bbcmoom |
| Manston | cbcmo | bbc | cfFmobcm | bmo cmo |
| North Weald | cm,bczob | bcytr | cbcbmo | bmo cmo |
| Felixstowe | bbcb | bbcc | bbw | cwbc |
| Gorleston | c | cmffe | bc | bc |
| Mildenhall | bc | bby bc | bccmo | cmo cm |
| Bircham Newton | oFdcmo | b | oFd | oFd |
| Cranwell | bcmocbbc | bcybc | bccmf | d d |
| Cranfield | pfcmob | bbcy | bcy cmo | cidomo |
| Honiley | bz | bybcy | bcb | bmoif |
| Little Rissington | oFcmob | bybcy | bcb | bb moof |
| Shobden | ofd cvbmo | bcz bcy | bcycmo | bmowcv |
| Bristol | oFwcmobc | bybcyby | cybbw | bwbmow |
| Chivenor | mobcy | bcby | byzomo | bmow |
| Yeovilton | bFbzb | bcb | bcbc | bczobc |
| Portland Bill | R | cc | ocR | bcbc |
| Exeter | bcmobcy | bcy | bcybcm | bmoifbcf |
| Plymouth | bbcy | bc | bcb | bmow |
| St. Eval | mobcmo | bcmoby | bmow | bmow |
| The Lizard | bczoy | cprbo | bczo | cb |
| Scilly, St. Marys | cmbc | bcb | bffw | boFF |
| Fairwood | bzbczobz | bzobcz | bzoycmo | b |
| Pembroke | bcemo | bcmo | bcmo | bcmo |
| Aberporth | bfbjF | bfcdjf | * | bjf |
| Penrhos | bfgcmobm | bzobc | bcmofgmfg | bm wefgmo |
| Holyhead, Valley | bmF | bzo | bczobmo | bmomw |
| Hawarden | omodocm | bcy | bcmobcm | bFSw |
| Manchester | oFwbm | bbczoy | bcjpbmo | bbmobw |
| Squires Gate | bmoz | bz | bczo | bczobmo |
| Silloth | oFmcmo | bzom | bmomfg | bmofgbmo |
| Ashbourne | cmbczobz | bzobcy | bcb | b |
| Snaith | cmobzob | bbyw | bbmo | bm Ff |
| Spurn Head | cm | bc | fe | fe |
| Catterick (Sc.) | cmobcmb | bczobz | bzobmow | oFedod |
| Tynemouth | pffcbcm | cbcmoff | offo | omoff |
| Acklington | Oncm | cmoom | omoomof | ofdodo |
| St. Abb's Head | Fe | Ffe | FeFb | FbFbjf |
| Leuchars | odoFFmo | ocmocmof | pfoFom | om |
| Montrose | oFffem | omodoff | ododofomo | cmoOldomo |
| Abbotsinch | Fbcmo | bcmobcy | cbmo | cidom |
| Prestwick | omocmbm | bzobczo | bmo | bmoff |
| West Freugh | Fconobm | bmo | bmo | bffbcmo |
| Eskdalemuir | bmobc | bczobcy | bcbwmo | bwmo |
| Jurby, I. of Man | bFoFFfe | bcf | bmofgbm | bjfbmo |
| Machrihanish | zcbc | bcb | bbc | f z |
| Tiree | cbcc | bcbobc | bbfgw | bfgwbw |
| Oban | oidomocm | bzob | bbcb | bbcmo |
| Stornoway | cbc | b | bbcb | bfgwbfgb |
| Cape Wrath | c | bc | cbc | bc |
| Dalwhinnie | bcz | bcc | * | cobc |
| Aberdeen | bmozo | bmpf | pf | ofomif |
| Fraserburgh | qrpm | bmocmf | FcmF | Fdo |
| Alness | bmo | bzbcc | cmoomid | odofcmo |
| Wick | fmcmo | cmobcjfb | ccboF | oF |
| Hatston | fe | cbc | bccfdf | f |
| Sumburgh | bbccr | cbccf | offo | ofdf |
| Sullom Voe | bbcb | bccjf | cmmo | cmoc |
| Blacksod Point | b | b | bc | f |
| Malin Head | c | b | b | b |
| Aldergrove | b | bczo | bczobcmo | bzoFbw |
| Cas. Archdale | bccbc | bcucbc | bcbrb | bmocmo |
| Birr Castle | b | b | * | bc |
| Collinstown | c | b | | fbc |
| Foynes | b | b | bc | c |
| Valentia | b | b | c | c |
| Roches Point | b | b | f | f |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present. B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

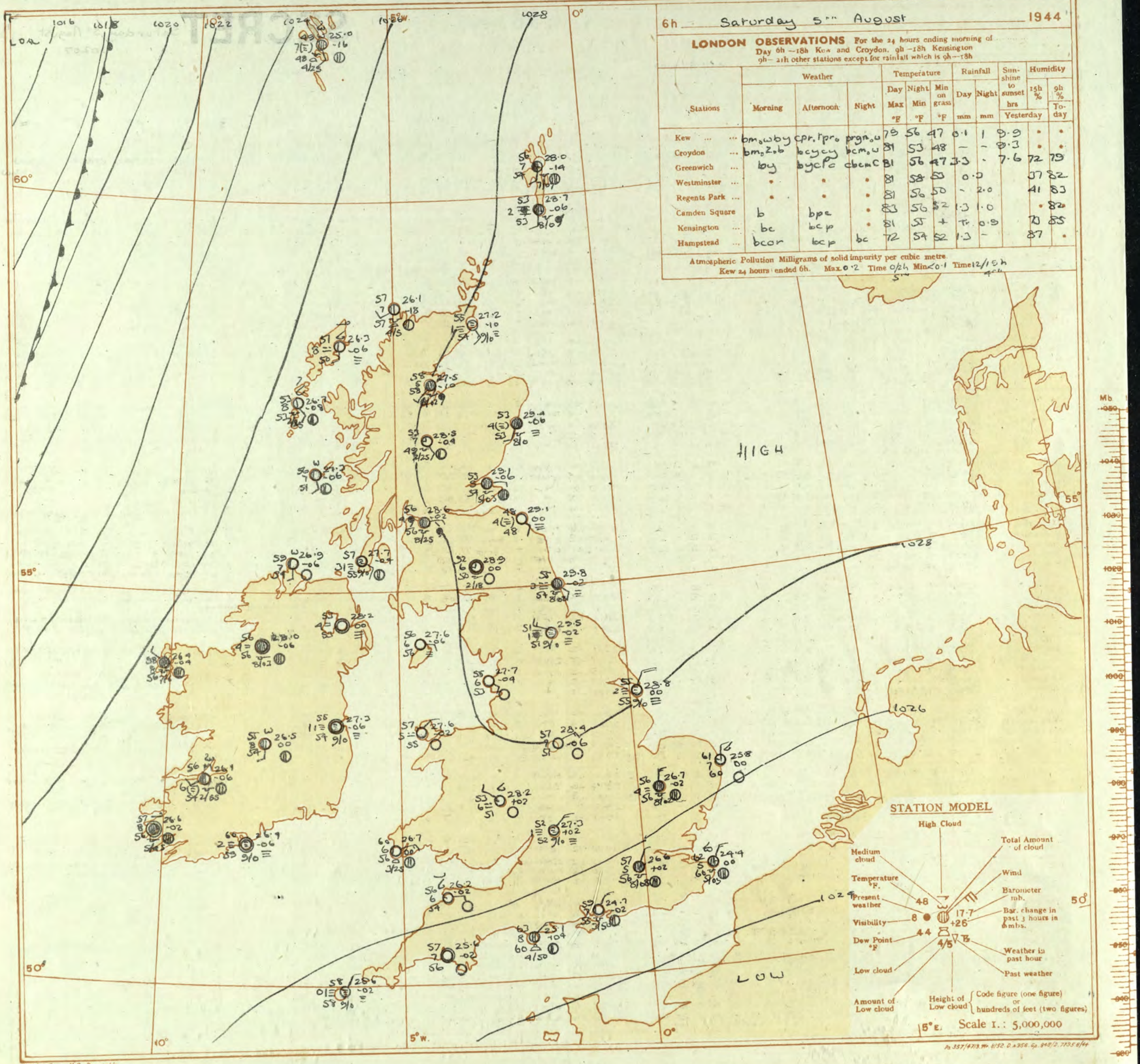
NELSON K. JOHNSON, K.C.B., D.Sc., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Saturday 5th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of
Day 6h –18h Kew and Croydon, 9h –18h Kensington
9h– 21h other stations except for rainfall which is 9h–18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | bm.wby | cpr.rpr. | prgn.w | 79 | 56 | 47 | 0.1 | 1 | 9.9 | • | • |
| Croydon ... | bm.2.b | bcycy | bcm.w | 81 | 53 | 48 | – | – | 9.3 | • | • |
| Greenwich ... | by | bycpc | cbcmC | 81 | 56 | 47 | 3.3 | . | 7.6 | 72 | 79 |
| Westminster ... | • | • | • | 81 | 58 | 53 | 0.0 | | | 37 | 82 |
| Regents Park ... | • | • | • | 81 | 56 | 50 | – | 2.0 | | 41 | 83 |
| Camden Square | b | bpc | • | 83 | 56 | 52 | 1.3 | 1.0 | | • | 82 |
| Kensington ... | bc | bcp | • | 81 | 55 | + | Tr. | 0.9 | | 70 | 85 |
| Hampstead ... | bcor | bcp | bc | 72 | 54 | 52 | 1.3 | – | | 87 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.2 Time 0/2h Min <0.1 Time 12/15h




H.M.S.O. Press, M.O., Dunstable.

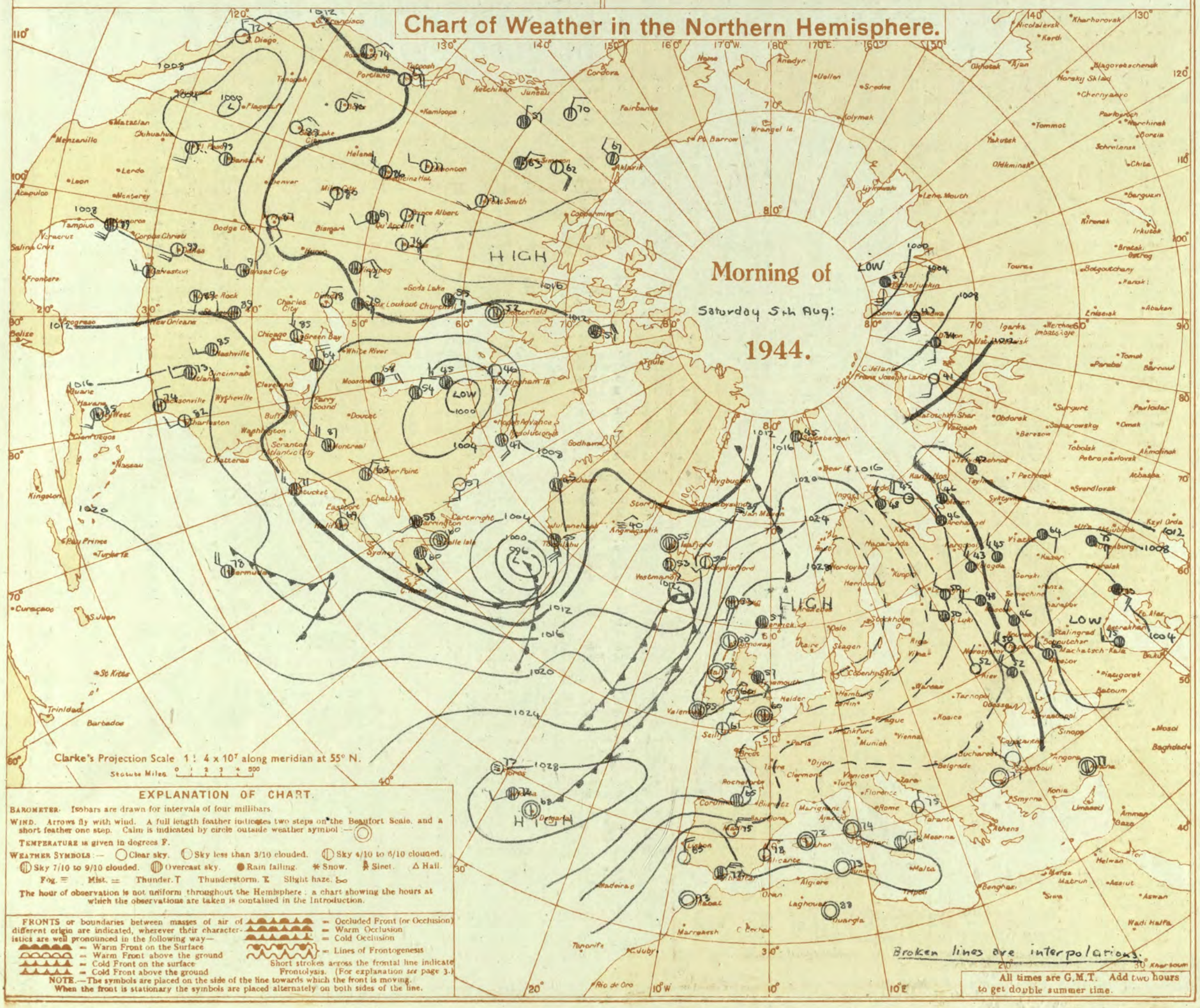
## GENERAL INFERENCE

A ridge of high pressure extending northeast to southwest across the British Isles is moving very slowly southeast and a trough west of Ireland and Scotland is moving slowly east. Weather will be fine and warm in most districts but there is a risk of scattered thundery showers in the south, and later some slight rain will spread from west to the northwest seaboard. During the night fog or very low cloud will develop extensively over Eastern England and locally elsewhere.

## FURTHER OUTLOOK

Little change.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere ; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Saturday 5th August 1944

No. 30207

## OBSERVATIONS at 00hr. G.M.T. 5th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force (4) | Weather. (5) | Temp. °F (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud. Form. Low. (9) | Cloud. Form. Med. (10) | Cloud. Form. High. (11) | Cloud. Amount. Total 0–9 (12) | Cloud. Amount. Low. A. 0–9 (13) | Cloud. Amount. Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 62 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 26·9 | +4 | – | 0 | ≋ | 60 | 57 | 5 | – | 6 | 1 | 4 | 4 | 1 | – | – |
| | Boscombe Down | 417 | 26·8 | +2 | NNE | 2 | pc | 60 | 53 | 7 | – | – | 2 | 4 | 4 | – | – | – |
| | Thorney Island | 10 | 25·8 | +2 | NE'N | 3 | bc | 65 | 56 | 8 | – | – | 6 | 4 | 4 | – | – | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 26·2 | 0 | NE | 4 | ≋ | 59 | 58 | 5 | – | 4 | – | 1 | 1 | – | 80 | – |
| | Manston ... | 140 | 25·7 | 0 | NE'N | 3 | ≋ | 61 | 58 | 6 | – | 4 | – | 2 | 1 | – | – | – |
| 2 | North Weald | 244 | 27·7 | +8 | N. | 3 | ≋ | 58 | 58 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Felixstowe ... | 10 | 26·8 | +10 | NE | 4 | b | 58 | 56 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Gorleston ... | 5 | 26·6 | 0 | NNW | 2 | b-bc | 58 | 57 | 7 | 5 | – | – | 3 | 3 | – | 20 | – |
| | Mildenhall | 15 | 27·7 | +4 | NE | 2 | ≋ | 59 | 58 | 6 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Bircham Newton | 221 | 28·2 | +2 | ENE | 2 | df | 57 | 57 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Cranwell ... | 203 | 28·7 | +2 | NE | 2 | f+ | 57 | 56 | 3 | – | – | – | 9 | 9 | – | 0 | – |
| 3 | Cranfield ... | 340 | 23·0 | +6 | E | 2 | ≋ | 58 | 57 | 5 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Honiley ... | 427 | 28·0 | 0 | N | 3 | ≋ | 59 | 55 | 6 | – | 3 | – | 3 | 3 | – | – | – |
| 4 | Little Rissington | 731 | 27·7 | +2 | NE | 2 | b-bc | 61 | 52 | 8 | – | – | 5 | 3 | 3 | – | – | – |
| | Shobden ... | 318 | 29·0 | +14 | NW | 1 | fg | 58 | 54 | 6 | – | – | 2 | 1 | 1 | – | – | – |
| 5 | Bristol ... | 209 | 27·6 | +6 | – | 0 | b | 57 | 52 | 7 | – | 4 | – | 2 | 2 | – | 120 | – |
| | Chivenor ... | 20 | 27·0 | +2 | – | 0 | ≋ | 58 | 55 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Yeovilton | 50 | 26·9 | +6 | – | 0 | b | 57 | 56 | 7 | 4 | – | – | 2 | 2 | – | 40 | – |
| | Portland Bill | 32 | 26·0 | +6 | NE | 3 | c-bc | 61 | 58 | 8 | 5 | – | – | 5 | 5 | – | 50 | – |
| | Exeter ... | 100 | 27·0 | +6 | – | 0 | ≋ | 61 | 57 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Plymouth ... | 86 | 26·5 | +2 | – | 0 | b | 61 | 56 | 7 | – | 3 | – | 1 | 1 | – | – | – |
| | St. Eval ... | 345 | 27·4 | +2 | – | 0 | ≋ | 59 | 57 | 6 | – | 7 | – | 1 | 1 | – | – | – |
| | The Lizard | 240 | 26·1 | –4 | NNE | 3 | ≋ | 61 | 56 | 6 | 4 | – | – | 3 | 3 | – | 25 | – |
| | Scilly, St. Marys | 163 | 26·8 | 0 | NE'N | 3 | m/f | 61 | 61 | 4 | – | – | 3 | 2 | 2 | – | – | – |
| 6 | Fairwood ... | 268 | 27·4 | +2 | NE | 3 | ≋ | 61 | 57 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Pembroke ... | 142 | 27·5 | +4 | NE | 2 | ≋ | 62 | 58 | 6 | 1 | – | – | 3 | 3 | – | 25 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 27·7 | +6 | W | 1 | ≋ | 61 | 59 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Holyhead, Valley | 32 | 28·3 | +2 | NE'E | 1 | ≋ | 60 | 58 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Hawarden | 15 | 29·5 | +14 | – | 0 | m | 56 | 55 | 4 | 5 | – | – | 3 | 3 | – | 35 | – |
| 8 | Manchester | 230 | 28·6 | +2 | E'N | 2 | b | 54 | 52 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Squires Gate | 30 | 28·7 | +4 | SE'E | 3 | ≋ | 62 | 58 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Silloth ... | 25 | 28·8 | +4 | ENE | 2 | fg | 57 | 55 | 4 | 5 | 9 | 1 | 3 | 2 | 1 | 60 | – |
| 9 | Ashbourne ... | 590 | 29·4 | +6 | NNW | 2 | b | 57 | 53 | 6 | – | 3 | – | 1 | 1 | – | 100 | – |
| | Snaith ... | 30 | 29·7 | +6 | NNW | 2 | ≋ | 53 | 51 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| 10 | Spurn Head | 29 | 29·2 | +2 | NNE | 3 | f | 57 | 56 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Catterick (Sc.) | 195 | 30·1 | +2 | – | 0 | ≋ | 51 | 51 | 5 | – | – | 2 | 1 | 1 | – | – | – |
| | Tynemouth | 108 | 30·6 | 0 | SE | 2 | 0 | 57 | 55 | 7 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Acklington | 138 | 30·4 | +2 | – | 0 | cf+ | 53 | 53 | 3 | 5 | – | – | 8 | 8 | 1 | 1 | – |
| 11 | St. Abb's Head | 280 | 29·5 | +4 | SSE | 2 | bf | 50 | 50 | 1 | – | – | – | 0 | 0 | 0 | – | – |
| | Leuchars ... | 31 | 30·1 | +8 | E | 1 | m/f | 55 | 54 | 4 | 5 | – | – | 8 | 8 | – | 4 | – |
| | Montrose ... | 22 | 31·4 | 0 | – | 0 | ≋ | 54 | 53 | 6 | 5 | – | – | 8 | 6 | 8 | 4 | 15 |
| 12 | Abbotsinch | 19 | 29·0 | +8 | E'N | 2 | ≋ | 57 | 56 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Prestwick ... | 30 | 29·0 | +2 | – | 0 | ≋ | 57 | 56 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | West Freugh | 53 | 28·1 | –2 | – | 0 | ≋ | 53 | 53 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 28·7 | 0 | – | 0 | ≋ | 55 | 53 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| 13A | Machrihanish | 35 | 28·5 | –2 | – | 0 | ≋ | 55 | 53 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Tiree ... | 44 | 29·0 | –2 | – | 0 | fg | 51 | 51 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Oban ... | 74 | 29·4 | +2 | – | 0 | b | 55 | 53 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| 13B | Stornoway ... | 12 | 27·8 | –8 | – | 0 | b | 50 | 49 | 8 | 5 | – | – | 2 | 2 | – | 18 | – |
| | Cape Wrath | 367 | 28·7 | –2 | E | 1 | b | 57 | 55 | 8 | 2 | 4 | – | 1 | 1 | – | 25 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 30·2 | –2 | SSE | 1 | f+ | 53 | 53 | 1 | 5 | – | – | 9 | 9 | – | 0 | – |
| | Fraserburgh | 76 | 30·2 | +2 | SE | 3 | f+ | 53 | 53 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Alness ... | 63 | 29·3 | +8 | NE | 2 | id. | 57 | 57 | 4 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Wick ... | 114 | 29·4 | –6 | SE | 1 | f | 54 | 54 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| 16 | Hatston ... | 45 | 30·1 | +2 | SE'S | 1 | df | 56 | 56 | 2 | 9 | – | – | 9 | 9 | – | 0 | – |
| | Sumburgh ... | 15 | 30·1 | 0 | – | 0 | cf | 55 | 55 | 3 | 5 | – | – | 8 | 8 | – | – | – |
| | Sullom Voe | 12 | 29·9 | +2 | SW | 1 | ≋ | 57 | 54 | 5 | 5 | – | – | 8 | 8 | – | 4 | – |
| 17 | Blacksod Point | 18 | 28·0 | –2 | WNW | 1 | bc | 53 | 49 | 8 | – | – | 6 | 4 | – | – | – | – |
| 18 | Malin Head | 84 | 28·7 | 0 | – | 0 | b | 52 | 44 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Aldergrove | 294 | 29·0 | +2 | – | 0 | fg | 54 | 53 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Cas. Archdale | 240 | 29·2 | +2 | E | 1 | b | 57 | 55 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | | | | | | | | | | | | | | | | |
| 20 | Foynes ... | 3 | 27·7 | 0 | SW | 4 | c-bc | 60 | 56 | 8 | – | 3 | 6 | 5 | – | – | – | – |
| | Valentia ... | 30 | 28·2 | +6 | – | 0 | c | 55 | 50 | 9 | 5 | 3 | – | 6 | 1 | – | 40 | – |
| | Roches Point | 22 | 28·7 | +2 | SE | 1 | f+ | 50 | 59 | 3 | – | – | – | 9 | 9 | – | 0 | – |

Minimum Temperatures and rainfall read at 0700 G.M.T.

## OBSERVATIONS at 06hr. G.M.T. 5th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force (20) | Weather. (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility. 0–9 (24) | Cloud. Form. Low. (25) | Cloud. Form. Med. (26) | Cloud. Form. High. (27) | Cloud. Amount. Total 0–9 (28) | Cloud. Amount. Low. A. 0–9 (29) | Cloud. Amount. Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 26·3 | 0 | – | 0 | ≋ | 58 | 56 | 5 | 5 | – | – | 7 | 4 | 7 | 21 | 40 | 1 | * |
| Croydon ... | 26·6 | +2 | NNE | 2 | ≋ | 57 | 56 | 5 | 5 | – | – | 8 | 8 | – | 8 | – | 0 | * |
| Boscombe Down | 26·4 | +2 | NW | 3 | b | 57 | 53 | 7 | 5 | – | – | 2 | 2 | – | 60 | – | 0 | * |
| Thorney Island | 24·7 | –2 | NNE | 3 | b-bc | 59 | 55 | 7 | 5 | – | – | 3 | 3 | – | 50 | – | 0 | * |
| Friston ... | | | | | | | | | | | | | | | | | | * |
| Lympne ... | 24·5 | –6 | NNE | 3 | ≋ | 61 | 60 | 5 | 5 | – | – | 7 | 7 | – | 3 | – | 0 | § |
| Manston ... | 24·4 | 0 | NNE | 3 | ≋ | 62 | 60 | 5 | 5 | 7 | – | 6 | 5 | – | 3 | – | 0 | * |
| North Weald | 27·0 | –2 | N | 3 | ≋ | 56 | 56 | 5 | 5 | – | – | 8 | 8 | – | 6 | – | 0 | * |
| Felixstowe ... | 25·6 | –14 | NNE | 4 | b-bc | 61 | 57 | 7 | 5 | – | – | 3 | 3 | – | 30 | – | 0 | 2 |
| Gorleston ... | 25·8 | 0 | N | 2 | b | 61 | 60 | 7 | – | 4 | – | 2 | 2 | – | 80 | – | 0 | 2 |
| Mildenhall | 26·7 | –2 | N | 3 | m | 56 | 56 | 4 | 5 | – | – | 8 | 8 | – | 2 | – | 1 | * |
| Bircham Newton | 27·4 | +2 | NE | 3 | F | 56 | 56 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| Cranwell ... | 28·0 | 0 | N | 1 | df | 56 | 56 | 3 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| Cranfield ... | 27·1 | 0 | NNE | 3 | ≋ | 57 | 55 | 6 | 5 | – | – | 8 | 8 | – | 6 | – | 0 | * |
| Honiley ... | 27·9 | 0 | NNE | 2 | m | 52 | 51 | 4 | 5 | – | – | 5 | 5 | – | 6 | – | 0 | * |
| Little Rissington | 27·3 | +2 | NE | 3 | F | 52 | 52 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| Shobden ... | 28·2 | +2 | NNW | 1 | fg | 53 | 51 | 6 | – | 4 | – | 1 | 1 | – | – | – | 0 | * |
| Bristol ... | 26·5 | –6 | NNW | 1 | ≋ | 57 | 54 | 6 | – | 7 | – | 1 | 1 | – | 120 | – | 0 | * |
| Chivenor ... | 26·2 | –2 | E | 1 | ≋ | 56 | 54 | 6 | – | 4 | 1 | 1 | 1 | – | 30 | – | 0 | * |
| Yeovilton | 26·6 | 0 | – | 0 | bc | 55 | 55 | 7 | 8 | 4 | – | 4 | 3 | 4 | 25 | 40 | 0 | * |
| Portland Bill | 25·1 | +4 | NE | 3 | bc | 63 | 60 | 8 | 2 | – | – | 4 | 4 | – | 50 | – | 1 | 3 |
| Exeter ... | 26·1 | +2 | NE | 1 | ≋ | 55 | 53 | 6 | 5 | – | – | 3 | 3 | – | 60 | – | 0 | |
| Plymouth ... | 25·6 | –2 | – | 0 | b | 57 | 56 | 7 | – | – | – | 0 | 0 | 0 | – | – | 0 | 1 |
| St. Eval ... | 26·0 | –4 | – | 0 | b | 59 | 54 | 7 | – | 7 | – | 1 | 1 | – | – | – | 0 | |
| The Lizard | 24·7 | –6 | NE'E | 2 | b-bc | 62 | 57 | 7 | 4 | – | – | 3 | 3 | – | 30 | – | 0 | 3 |
| Scilly, St. Marys | 25·6 | –2 | NE | 2 | F+ | 58 | 58 | 0 | – | – | – | 9 | 9 | – | 0 | – | 1 | 1 |
| Fairwood ... | 27·0 | 0 | NE | 2 | b | 59 | 54 | 8 | – | 3 | – | 1 | 1 | – | – | – | 0 | |
| Pembroke ... | 26·7 | 0 | E'N | 3 | ≋ | 60 | 56 | 6 | 1 | – | – | 3 | 3 | – | 25 | – | 0 | 2 |
| Aberporth ... | 27·0 | 0 | SSE | 2 | bf | 58 | 56 | 9 | – | – | – | 0 | 0 | 0 | – | – | 0 | 1 |
| Penrhos ... | 27·0 | –2 | WNW | 1 | fg | 58 | 56 | 7 | – | – | – | 0 | 0 | 0 | – | – | 0 | 1 |
| Holyhead, Valley | 27·6 | –2 | NE | 1 | fg | 57 | 55 | 5 | – | – | – | 0 | 0 | 0 | – | – | 0 | 1 |
| Hawarden | 28·5 | +2 | – | 0 | f- | 50 | 49 | 3 | – | – | – | 0 | 0 | 0 | – | – | 0 | |
| Manchester | 27·8 | –4 | NE'E | 2 | b | 52 | 51 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | |
| Squires Gate | 27·7 | –4 | ESE | 2 | ≋ | 55 | 53 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| Silloth ... | 28·5 | +2 | NE | 2 | ≋ | 54 | 52 | 5 | 9 | 3 | – | 1 | 1 | – | – | – | 1 | |
| Ashbourne ... | 28·4 | –6 | ENE | 3 | b | 57 | 51 | 7 | – | – | – | 0 | 0 | 0 | – | – | 0 | |
| Snaith ... | 29·2 | –2 | N | 2 | f- | 50 | 50 | 2 | – | – | – | 9 | 9 | – | 0 | – | 0 | |
| Spurn Head | 28·8 | 0 | NNE | 4 | f | 55 | 55 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 | 2 |
| Catterick (Sc.) | 29·5 | –2 | WN | 3 | df | 51 | 51 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 | |
| Tynemouth | 29·8 | –2 | SE | 1 | cf | 55 | 54 | 3 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | 2 |
| Acklington | 29·2 | –6 | N | 1 | df | 52 | 52 | 2 | – | – | – | 9 | 9 | – | 0 | – | 0 | |
| St. Abb's Head | 29·1 | 0 | SSE | 2 | bf | 48 | 48 | 4 | – | – | – | 0 | 0 | 0 | – | – | 0 | 2 |
| Leuchars ... | 29·1 | –6 | E | 1 | ≋ | 55 | 54 | 5 | 5 | – | – | 8 | 5 | 8 | 3 | 4 | 2 | |
| Montrose ... | 30·4 | –6 | WNW | 1 | ≋ | 54 | 54 | 5 | 5 | – | – | 8 | 8 | – | 3 | – | 1 | |
| Abbotsinch | 28·6 | –2 | E | 1 | id. | 56 | 56 | 4 | 5 | – | – | 8 | 8 | – | 25 | – | 1 | |
| Prestwick ... | 28·0 | –2 | NE'N | 3 | cf- | 55 | 55 | 3 | 5 | – | – | 6 | 4 | 6 | 1 | 4 | 0 | |
| West Freugh | 27·8 | +2 | – | 0 | ≋ | 49 | 48 | 5 | 5 | – | – | 4 | 4 | – | 1 | – | 0 | |
| Eskdalemuir | 28·9 | 0 | – | 0 | ≋ | 52 | 50 | 6 | 5 | – | – | 2 | 2 | – | 18 | – | 1 | |
| Jurby, I. of Man | 27·6 | –6 | E | 2 | bf | 56 | 56 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | |
| Machrihanish | 27·7 | –4 | ESE | 2 | cf+ | 57 | 55 | 3 | – | – | – | 0 | 0 | 0 | – | – | 0 | |
| Tiree ... | 27·3 | –6 | SSE | 1 | b-bc | 56 | 51 | 7 | – | 3 | – | 3 | 3 | – | – | – | 1 | 1 |
| Oban ... | 22·8 | 0 | – | 0 | ≋ | 55 | 53 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | 1 |
| Stornoway ... | 26·3 | –6 | S | 2 | fg | 51 | 50 | 8 | – | 4 | 2 | 3 | 2 | 2 | – | – | 0 | 1 |
| Cape Wrath | 26·1 | –18 | SW | 2 | bc | 57 | 57 | 7 | 7 | 4 | – | 4 | 4 | – | 25 | – | 1 | 1 |
| Dalwhinnie | 28·5 | –4 | SE | 1 | b | 53 | 49 | 7 | 5 | – | – | 2 | 2 | – | 25 | – | 0 | |
| Aberdeen† ... | 29·4 | –6 | SW | 2 | cf | 53 | 53 | 4 | 5 | – | – | 8 | 8 | – | – | – | 1 | 1 |
| Fraserburgh | 28·9 | –6 | SE | 3 | df | 52 | 52 | 2 | – | – | – | 9 | 9 | – | 0 | – | | |
| Alness ... | 27·5 | –10 | SSW | 1 | ≋ | 58 | 58 | 5 | 5 | – | – | 8 | 8 | – | 2 | – | 1 | |
| Wick ... | 27·2 | –10 | SSE | 3 | F | 55 | 54 | 1 | – | – | – | 9 | 9 | – | 0 | – | 0 | |
| Hatston ... | 27·6 | –8 | SE'S | 3 | f | 53 | 53 | 2 | – | – | – | 9 | 9 | – | – | – | * | |
| Sumburgh ... | 28·7 | –6 | SSE | 2 | df | 53 | 53 | 2 | 5 | – | – | 8 | 8 | – | – | – | 1 | 1 |
| Sullom Voe | 28·0 | –14 | S | 2 | c | 56 | 54 | 7 | 5 | – | – | 7 | 7 | – | 7 | – | 0 | |
| Blacksod Point | 26·4 | –4 | WN | 1 | c | 58 | 56 | 8 | 5 | – | – | 7 | 7 | – | 40 | – | 0 | 1 |
| Malin Head | 26·9 | –6 | S | 1 | b-bc | 59 | 55 | 7 | – | 3 | – | 3 | – | – | – | – | 0 | 1 |
| Aldergrove | 28·2 | 0 | – | 0 | m | 53 | 53 | 4 | – | – | – | 0 | 0 | 0 | – | – | 1 | |
| Cas. Archdale | 28·0 | –6 | – | 0 | m | 56 | 56 | 4 | 5 | – | – | 8 | 8 | – | 3 | – | 1 | |
| Birr Castle ... | 26·5 | 0 | S | 1 | bc | 55 | 54 | 8 | – | 3 | – | 4 | – | – | – | – | 0 | |
| Collinstown | 27·3 | –6 | – | 0 | F+ | 55 | 54 | 1 | – | – | – | 9 | 9 | – | 0 | – | 0 | |
| Foynes ... | 26·1 | –6 | SW'W | 2 | bcf | 56 | 54 | 6 | 5 | 8 | 9 | 4 | 2 | 5 | 120 | – | 0 | |
| Valentia ... | 26·6 | –2 | – | 0 | c | 57 | 56 | 8 | 5 | – | 1 | 7 | 5 | – | 45 | – | 1 | 0 |
| Roches Point | 26·4 | –6 | – | 0 | f | 60 | 59 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 | 3 |

Station 108 read at 0700 G.M.T.

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h-18h °F. (35) | Temperature. Min. Night 18h-6h °F. (36) | Temperature. Min. on Grass °F. (37) | Rainfall. Day 6h-18h mm. (38) | Rainfall. Night 18h-6h mm. (39) | Sunshine 4th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 79 | 56 | 47 | 0·1 | 1 | 9·9 |
| Croydon ... | 81 | 53 | 48 | – | – | 9·3 |
| Boscombe Down | 79 | 55 | 52 | – | 3 | 11·1 |
| Thorney Island | 81 | 57 | 49 | – | – | * |
| Friston ... | | | | | | |
| Lympne ... | 76 | 57 | 54 | – | – | 10·9 |
| Manston ... | 70 | 60 | 57 | – | – | 7·9 |
| North Weald | 79 | 55 | * | * | * | * |
| Felixstowe ... | 74 | 56 | 55 | – | Tr | 3·2 |
| Gorleston ... | 68 | 58 | 54 | – | Tr | 5·6 |
| Mildenhall | 77 | 55 | 55 | Tr | – | 1·0 |
| Bircham Newton | 65 | 55 | * | Tr | Tr | * |
| Cranwell ... | 76 | 55 | 54 | – | Tr | |
| Cranfield ... | 77 | 55 | 51 | – | – | * |
| Honiley ... | 76 | 50 | 49 | – | – | * |
| Little Rissington | – | 52 | 51 | – | – | * |
| Shobden ... | 77 | 49 | 41 | Tr | – | |
| Bristol ... | 79 | 53 | 43 | – | – | 10·0 |
| Chivenor ... | 80 | 53 | 43 | – | – | |
| Yeovilton | 80 | 50 | 44 | – | – | * |
| Portland Bill | 75 | 58 | | – | 4 | * |
| Exeter ... | 80 | 53 | 48 | – | – | |
| Plymouth ... | 77 | 56 | 47 | – | – | 13·3 |
| St. Eval ... | 73 | 52 | 48 | – | Tr | |
| The Lizard | 77 | 59 | * | 0·5 | – | 10·9 |
| Scilly, St. Marys | 71 | 57 | | – | Tr | 10·3 |
| Fairwood ... | – | 55 | 50 | – | – | |
| Pembroke ... | 72 | 57 | | – | – | 8·6 |
| Aberporth ... | 67 | 54 | 41 | – | – | 10·5 |
| Penrhos ... | 71 | 56 | 53 | – | – | * |
| Holyhead, Valley | 74 | 55 | 48 | – | – | |
| Hawarden | 79 | 45 | 43 | – | – | 8·6 |
| Manchester | 79 | 48 | 45 | – | – | * |
| Squires Gate | 75 | 54 | 50 | – | – | * |
| Silloth ... | 70 | 52 | 50 | – | – | * |
| Ashbourne ... | 76 | 53 | 44 | – | – | * |
| Snaith ... | 77 | 49 | 45 | – | Tr | * |
| Spurn Head | 62 | 54 | * | – | 0·2 | 3·4 |
| Catterick (Sc.) | 75 | 50 | 44 | – | Tr | 8·0 |
| Tynemouth | 63 | 54 | 47 | – | – | * |
| Acklington | 65 | 51 | 53 | – | Tr | * |
| St. Abb's Head | 59 | 47 | | Tr | Tr | |
| Leuchars ... | 62 | 54 | 54 | – | – | 0·0 |
| Montrose ... | 58 | 53 | 53 | Tr | Tr | |
| Abbotsinch | 77 | 56 | 55 | – | Tr | 6·3 |
| Prestwick ... | 70 | 55 | 53 | – | – | * |
| West Freugh | 69 | 47 | 41 | – | – | * |
| Eskdalemuir | 78 | 49 | 44 | – | – | 10·6 |
| Jurby, I. of Man | 65 | 50 | 47 | – | – | * |
| Machrihanish | 63 | 55 | 53 | – | – | * |
| Tiree ... | 65 | 47 | 37 | – | – | 10·4 |
| Oban ... | 72 | 52 | | – | | |
| Stornoway ... | 65 | 47 | 38 | – | Tr | 13·5 |
| Cape Wrath | 64 | 56 | | – | – | |
| Dalwhinnie | 74 | 46 | 37 | – | – | 7·6 |
| Aberdeen† ... | 68 | 52 | 52 | – | – | 11·0 |
| Fraserburgh | 69 | 52 | 50 | – | – | |
| Alness ... | 73 | 56 | 57 | – | Tr | * |
| Wick ... | 66 | 52 | 52 | – | – | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 60 | 52 | | – | Tr | 10·5 |
| Sullom Voe | 65 | 55 | 55 | – | – | |
| Blacksod Point | 68 | 52 | * | – | – | * |
| Malin Head | 61 | 51 | | – | – | 7·4 |
| Aldergrove | 72 | 51 | 46 | – | Tr | 5·9 |
| Cas. Archdale | 72 | 54 | 49 | – | – | |
| Birr Castle ... | 75 | 51 | 49 | – | – | 8·0 |
| Collinstown | 69 | 52 | 45 | – | Tr | 7·4 |
| Foynes ... | 72 | 53 | 50 | – | – | 11·7 |
| Valentia ... | 67 | 53 | 48 | – | Tr | 11·8 |
| Roches Point | 67 | 59 | * | – | 0·1 | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil  2 = 1/10  4 = 1/2  6 = 9/10
1 = Trace  3 = 1/4  5 = 3/4  7 = More than 9 but with openings.  8 = Completely covered.  9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Sunday 6th August 1944

No. 30208

## OBSERVATIONS at 12h. G.M.T. August 5th

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 24·8 | -14 | ENE | 3 | Cbc | 73 | 57 | 7 | 2 | - | - | 5 | 2 | 5 | 25 | 25 |
| | Croydon | 09·8 | -10 | NNE | 3 | bc | 75 | 56 | 6 | 2 | - | - | 4 | 4 | - | 30 | - |
| | Boscombe Down | 24·7 | -10 | ENE | 3 | bc | 74 | 58 | 7 | 1 | - | - | 4 | 4 | 4 | 30 | - |
| | Thorney Island | 24·0 | -6 | S'W | 3 | 2o | 76 | 60 | 6 | - | 3 | - | 3 | 3 | - | - | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 23·7 | -6 | NNE | 5 | b | 73 | 59 | 7 | 1 | - | 1 | 2 | 1 | 1 | 15 | - |
| | Manston | 29·3 | -2 | NE'N | 4 | b | 68 | 58 | 7 | 1 | - | - | 1 | 1 | - | 30 | - |
| 2 | North Weald | 25·3 | -10 | NE | 4 | c.bc | 73 | 57 | 7 | 2 | 6 | - | 5 | 5 | 1 | 25 | - |
| | Felixstowe | 25·0 | -4 | NE | 5 | b | 72 | 62 | 8 | 2 | - | - | 2 | 2 | - | 30 | - |
| | Gorleston | 25·9 | +4 | N'E | 3 | b | 64 | 61 | 7 | 1 | - | - | 1 | 1 | - | 40 | - |
| | Mildenhall | 25·6 | -14 | NE | 3 | c.bc | 75 | 59 | 8 | 1 | - | - | 5 | 5 | - | 20 | - |
| | Bircham Newton | 27·4 | -2 | ENE | 3 | c | 62 | 58 | 7 | 5 | - | - | 8 | 5 | - | 4 | - |
| | Cranwell | 26·8 | -12 | NE | 3 | bc | 72 | 59 | 7 | 1 | - | - | 4 | 3 | - | 30 | - |
| 3 | Cranfield | 25·3 | -14 | NE | 3 | b | 70 | 56 | 7 | 1 | - | - | 1 | 1 | - | 30 | - |
| | Honiley | 26·2 | -14 | NE | 2 | 2o | 70 | 57 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| 4 | Little Rissington | 25·0 | -20 | NE'E | 3 | b | 70 | 58 | 7 | 1 | - | 1 | 1 | 2 | 1 | 25 | - |
| | Shobden | 26·1 | -14 | E | 1 | 2o | 73 | 58 | 6 | 2 | - | - | 4 | 4 | - | 40 | - |
| 5 | Bristol | 25·5 | -12 | ENE | 3 | b | 76 | 53 | 8 | 1 | - | - | 1 | 1 | - | 40 | - |
| | Chivenor | 24·8 | -10 | E | 1 | bc | 75 | 70 | 8 | 2 | - | - | 4 | 4 | - | 25 | - |
| | Yeovilton | 25·0 | -12 | NNE | 3 | b | 75 | 60 | 8 | 1 | - | - | 2 | 2 | - | 25 | - |
| | Portland Bill | 24·5 | -8 | NE | 3 | bc | 74 | 63 | 8 | 1 | - | - | 4 | 4 | - | 50 | - |
| | Exeter | 24·9 | -12 | NE | 3 | bc | 76 | 61 | 7 | 1 | - | - | 4 | 4 | - | 25 | - |
| | Plymouth | 25·3 | -2 | SW | 3 | b.bc | 71 | 61 | 8 | 2 | - | - | 5 | 5 | - | 30 | - |
| | St. Eval | 25·1 | -6 | WNW | 3 | b | 71 | 57 | 7 | 1 | - | 1 | 2 | 2 | 1 | 30 | - |
| | The Lizard | 25·0 | +9 | E | 2 | b.bc | 72 | 58 | 7 | 7 | - | - | 3 | 3 | - | 30 | - |
| | Scilly, St. Marys | 25·3 | -2 | N'E | 1 | if | 67 | 63 | 4 | - | - | 3 | 3 | 3 | - | 280 | - |
| 6 | Fairwood | 25·3 | -6 | S | 2 | 2o | 72 | 59 | 6 | 2 | - | - | 2 | 2 | - | 25 | - |
| | Pembroke | 25·7 | -9 | SSE | 3 | 2o | 67 | 59 | 6 | 2 | - | - | 3 | 2 | - | 25 | - |
| | Aberporth | 25·3 | -6 | NE | 2 | b | 71 | 57 | 8 | 2 | - | - | 2 | 2 | - | 30 | - |
| 7 | Penrhos | 25·7 | -8 | SE | 2 | b | 75 | 55 | 8 | 2 | - | - | 2 | 2 | - | 45 | - |
| | Holyhead, Valley | 26·6 | -4 | NNW | 1 | 2o | 75 | 59 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Hawarden | 26·3 | -12 | E | 2 | b | 77 | 56 | 8 | 2 | - | - | 2 | 2 | - | 25 | - |
| 8 | Manchester | 25·9 | -14 | ESE | 2 | bc | 77 | 56 | 7 | 1 | - | - | 4 | 4 | - | 30 | - |
| | Squires Gate | 26·5 | -10 | NW'N | 3 | b | 74 | 60 | 7 | 2 | - | - | 2 | 2 | - | 30 | - |
| | Silloth | 27·1 | -8 | N'W | 2 | 2o | 71 | 61 | 6 | 1 | - | - | 2 | 2 | - | 37 | - |
| 9 | Ashbourne | 27·0 | -6 | ENE | 3 | b | 73 | 55 | 7 | 1 | 4 | - | 1 | 1 | 1 | 40 | - |
| | Snaith | 28·1 | -10 | NE | 1 | b | 65 | 60 | 7 | 1 | - | - | 1 | 1 | - | 25 | - |
| 10 | Spurn Head | 28·6 | 0 | N'E | 3 | 2o | 60 | 56 | 6 | 7 | - | - | 5 | 5 | - | 15 | - |
| | Catterick (Sc.) | 28·2 | -8 | NNE | 2 | b | 70 | 58 | 8 | 1 | - | - | 1 | 1 | - | 25 | - |
| | Tynemouth | 28·9 | -6 | ESE | 2 | 2o | 59 | 55 | 6 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Acklington | 28·6 | -6 | SE | 3 | 2o | 60 | 56 | 5 | 5 | - | - | 7 | 4 | 6 | 7 | 15 |
| 11 | St. Abb's Head | 27·7 | -12 | SE | 3 | F | 54 | 52 | 1 | - | - | - | 9 | 9 | 0 | 0 | - |
| | Leuchars | 28·3 | -9 | E | 1 | 2o | 55 | 53 | 6 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Montrose | 29·3 | -6 | S | 3 | c | 58 | 55 | 8 | 5 | - | - | 6 | 5 | - | 20 | - |
| 12 | Abbotsinch | 27·3 | -14 | NNE | 1 | 2o | 64 | 58 | 6 | 1 | - | - | 4 | 4 | - | 20 | - |
| | Prestwick | 26·7 | -10 | N | 1 | 2o | 75 | 59 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | West Freugh | 26·7 | -6 | SSE | 3 | 2o | 68 | 56 | 6 | 1 | - | - | 1 | 1 | - | 20 | - |
| | Eskdalemuir | 26·2 | -6 | S'W | 1 | b.bc | 73 | 57 | 7 | 2 | 1 | - | 3 | 3 | 3 | 42 | - |
| | Jurby, I. of Man | 26·6 | -6 | NW'W | 3 | b | 72 | 69 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| 13A | Machrihanish | 26·7 | -10 | ESE | 3 | 2o | 69 | 62 | 6 | 1 | - | - | 1 | 1 | - | 20 | - |
| | Tiree | 26·7 | -6 | SSE | 3 | b | 63 | 58 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Oban | 27·0 | -16 | SW | 1 | 2o | 68 | 60 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 13B | Stornoway | 25·5 | -6 | SSE | 2 | b | 67 | 52 | 9 | 1 | - | 9 | 2 | 3 | 3 | 30 | - |
| | Cape Wrath | 26·5 | +2 | SW | 3 | bcjf | 58 | 56 | 7 | 5 | - | - | 9 | 9 | - | 8 | - |
| 15 | Dalwhinnie | 26·9 | -8 | SSW | 3 | bc | 71 | 56 | 7 | 2 | - | - | 4 | 4 | - | 30 | - |
| | Aberdeen | 27·5 | -10 | SSE | 3 | bjf | 61 | 52 | 6 | 5 | - | - | 2 | 2 | - | 5 | - |
| | Fraserburgh | 27·4 | -10 | S'E | 4 | b.bc | 64 | 57 | 8 | 5 | - | - | 3 | 3 | - | 8 | - |
| | Alness | 26·1 | -8 | E | 1 | 2pf | 70 | 61 | 6 | 2 | - | - | 2 | 2 | - | 30 | - |
| | Wick | 26·9 | -6 | SSE | 1 | bjf | 62 | 59 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 16 | Hatston | 26·5 | -4 | S'W | 3 | 2o | 60 | 56 | 6 | 5 | - | - | 4 | 4 | 4 | 3 | 8 |
| | Sumburgh | 27·2 | -8 | SW'S | 3 | o | 55 | 54 | 8 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Sullom Voe | 26·7 | -16 | SSW | 3 | 2o | 63 | 56 | 6 | 5 | - | - | 3 | 3 | - | 4 | - |
| 17 | Blacksod Point | 26·0 | -2 | SSW | - | in | 62 | 58 | 8 | 6 | - | - | 8 | 8 | 8 | 40 | - |
| 18 | Malin Head | 25·6 | -6 | E | 3 | bc | 59 | 57 | 6 | 2 | 3 | - | 4 | 3 | - | 25 | - |
| | Aldergrove | 26·1 | -12 | SE | 3 | 2o | 73 | 63 | 5 | 1 | - | - | 3 | 3 | - | 30 | - |
| | Cas. Archdale | 26·0 | -14 | SSE | 1 | 2o | 70 | 63 | 6 | 1 | - | - | 3 | 3 | - | 10 | - |
| 19 | Birr Castle | 24·8 | -14 | N | 1 | c | 74 | 62 | 8 | 5 | - | 8 | 6 | 5 | - | 25 | - |
| | Collinstown | 26·0 | -8 | SE'S | 3 | 2o | 72 | 60 | | 8 | - | - | 2 | 2 | - | 25 | - |
| 20 | Foynes | 25·4 | -6 | NE'E | 2 | c | 67 | 53 | 8 | 5 | - | 7 | 7 | 4 | - | 35 | - |
| | Valentia | 26·9 | -2 | W'S | 2 | c | 62 | 59 | 9 | 5 | 2 | - | 8 | 3 | - | 32 | - |
| | Roches Point | 26·0 | -9 | SSE | 2 | f- | 60 | 53 | 3 | - | - | - | 9 | 9 | 0 | 0 | - |

## OBSERVATIONS at 18h. G.M.T. August 5th — PAST 24 HOURS

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Low A 0-9 (29) | Low B. 0-9 (30) | Height of Base A. (31) | Height of Base B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) | Weather 06h.–12h. 5th (41) | Weather 12h.–18h. 5th (42) | Weather 18h 5th to 00h. 6th (43) | Weather 00h.–06h. 6th (44) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 22·7 | -10 | E | 3 | b.bc | 76 | 51 | 8 | 8 | - | 7 | 3 | 1 | 2 | 28 | 40 | 0 | * | cm.wbcy | c, by | bbcy | b,cw |
| Croydon | 22·5 | -12 | ENE | 3 | b | 75 | 57 | 8 | 1 | 4 | - | 2 | 1 | 2 | 30 | - | 0 | * | cm.bm. | cbcby | bcy | cmo |
| Boscombe Down | 22·9 | -6 | NE | 3 | c.bc | 73 | 54 | 8 | 2 | 3 | - | 5 | 3 | 5 | 35 | - | 0 | * | bbcm.bbc | bcy | bcy bcb | of |
| Thorney Island | 22·1 | -8 | NE'E | 3 | b | 75 | 56 | 8 | 2 | 6 | 1 | 2 | 2 | 1 | 35 | - | 0 | * | bm.bcm. | bcpr.by | b | bbcmow |
| Friston | | | | | | | | | | | | | | | | | | * | | | | |
| Lympne | 22·7 | -4 | NNE | 4 | bc | 68 | 47 | 8 | 1 | 3 | - | 4 | 1 | 3 | 30 | - | 0 | §- | cbcm. | bybcy | bcb | bcmof |
| Manston | 23·0 | -8 | NNE | 4 | b.bc | 65 | 54 | 7 | 2 | - | 1 | 3 | 1 | 3 | 30 | - | 0 | * | bcm.mb | bbc | cbc | ccmo |
| North Weald | 24·0 | -9 | E | 4 | b | 74 | 52 | 8 | 1 | - | - | 1 | 1 | - | 30 | - | 0 | * | cbcm.bz.cy | cyb cbozy | by bcybm | bmocmo |
| Felixstowe | 24·1 | -10 | NE'N | 4 | b | 66 | 59 | 9 | 2 | - | 4 | 2 | 2 | 2 | 30 | - | 0 | 2 | b | bbcby | bcbbcw | bcwcmow |
| Gorleston | 24·8 | -9 | N'E | 3 | 2o | 63 | 61 | 6 | 8 | - | - | 7 | 7 | - | 10 | - | 0 | 2 | bc | o2 | o | bccw |
| Mildenhall | 23·8 | -6 | NE | 3 | b | 72 | 58 | 9 | 1 | - | 1 | 2 | 1 | 2 | 40 | - | 0 | * | cmoe, b | bcy | bbcbcmo | bcmo,dob |
| Bircham Newton | 25·0 | -10 | ENE | 3 | F | 57 | 57 | 3 | - | - | - | 9 | 9 | 0 | 0 | - | 0 | * | oFcm. | cbcoF | Fde | cmoido |
| Cranwell | 24·6 | -10 | ENE | 3 | b | 69 | 57 | 8 | 4 | - | - | 1 | 1 | - | 35 | - | 0 | * | bcm.bc | bcybcb | cmocmcm | fmo.mo |
| Cranfield | 23·8 | -8 | NNE | 3 | bc/pr | 71 | 56 | 8 | 2 | 6 | - | 4 | 2 | 3 | 20 | 40 | 0 | * | bcm.b | bpr.bc | bbccmo | omoc |
| Honiley | 23·8 | -6 | E | 3 | bc | 72 | 53 | 8 | 7 | 3 | - | 4 | 3 | 2 | 25 | - | 0 | * | cmFbz. | bcz.bcy | b | bofo |
| Little Rissington | 22·8 | -10 | NE'N | 3 | bc | 71 | 56 | 7 | 2 | 3 | - | 4 | 2 | 4 | 30 | - | 0 | * | cm.bm.b | bcbcy | bcybcb | bmfomo |
| Shobden | 23·8 | -10 | ESE | 2 | bc | 74 | 55 | 8 | 8 | 6 | - | 4 | 3 | 3 | 45 | 57 | 0 | * | bm.m.bcz. | bczobc | bcybcb | bbcwbw |
| Bristol | 23·7 | -8 | NNE | 2 | bc | 74 | 55 | 8 | 2 | 6 | - | 4 | 3 | 4 | 28 | - | 0 | * | bzoby | bycyby | cqcybw | bw |
| Chivenor | 23·0 | -10 | NE | 3 | bc | 77 | 56 | 8 | 2 | 6 | - | 4 | 3 | 2 | 30 | - | 0 | * | bm.bby | bcy | bcbmo | bmbfgw |
| Yeovilton | 22·9 | -12 | NNE | 1 | bc | 76 | 61 | 7 | 8 | 7 | - | 4 | 3 | 3 | 25 | 40 | 0 | * | zzbcc | bbcbc | bcb | bmBZ |
| Portland Bill | 22·8 | -8 | NW | 2 | c.bc | 67 | 59 | 8 | 2 | - | - | 5 | 5 | - | 50 | - | 1 | 3 | bc | cc | cc | bc |
| Exeter | 23·2 | -6 | S | 2 | c.bc | 74 | 60 | 8 | 8 | - | - | 5 | 5 | 5 | 50 | 57 | 0 | * | bm.bcc | bcy | cbc | bcmob |
| Plymouth | 23·9 | -6 | WNW | 2 | bcjf | 67 | 58 | 8 | 3 | 6 | - | 4 | 4 | 3 | 30 | - | 0 | 1 | bm.w bbc | cprcjp | bpcbc | bw |
| St. Eval | 23·7 | -10 | W | 2 | c | 68 | 60 | 7 | 8 | - | - | 6 | 3 | 5 | 25 | 40 | 0 | * | bwm.b | bybcyc | bf | |
| The Lizard | 23·7 | 0 | W | 2 | 2o | 70 | 61 | 6 | 7 | - | - | 4 | 4 | - | 30 | - | 0 | 2 | bc | bcz. | cczo | bcw |
| Scilly, St. Marys | 24·1 | -8 | NW'N | 2 | F+ | 62 | 60 | 1 | - | - | - | 9 | 9 | 0 | 0 | - | 0 | 2 | FFif | bccFF | oFF | FFe |
| Fairwood | 23·6 | -12 | WNW | 2 | b.bc | 71 | 59 | 8 | 2 | 6 | - | 3 | 2 | 3 | 30 | - | 0 | * | bz. | bcz.ybcy | bcb | brc |
| Pembroke | 24·4 | -6 | NW | 2 | bc | 70 | 59 | 7 | 2 | 6 | - | 4 | 3 | 9 | 15 | - | 0 | 2 | bcm. | bcu. | bc | bc |
| Aberporth | 24·1 | -8 | N'E | 2 | b.bc | 67 | 58 | 8 | 4 | - | - | 3 | 3 | - | 45 | - | 0 | 1 | bjfb | bbcb | * | bcwb |
| Penrhos | 23·8 | -12 | WNW | 3 | b.bc | 70 | 56 | 8 | 2 | 6 | - | 3 | 1 | 3 | 35 | - | 0 | 2 | bfgfswbcy | bybbc | bcbbcmo | bcmdcgc |
| Holyhead, Valley | 24·6 | -10 | N | 1 | bc | 71 | 61 | 7 | - | 4 | - | 4 | 4 | 0 | 0 | - | 0 | 1 | bm.m. | bcbe | bcbmo | bm.wbc |
| Hawarden | 24·0 | -8 | ESE | 2 | c | 74 | 57 | 7 | 8 | 6 | - | 7 | 5 | 4 | 35 | - | 0 | * | bmsm.by | bcycy | bcm.bmbm | bm.bmw |
| Manchester | 24·0 | -10 | ESE | 2 | b.bc | 74 | 54 | 7 | - | 6 | - | 3 | 3 | - | 50 | - | 0 | * | bm.z.wby | bcy | byb | bm.fgw |
| Squires Gate | 20·3 | -10 | SSE | 1 | 2o | 75 | 60 | 6 | - | 6 | - | 2 | 2 | 0 | 0 | - | 0 | * | bm.bby | bbcz.y | bczo | bzomo |
| Silloth | 24·9 | -10 | SW | 2 | 2o | 70 | 55 | 6 | 8 | 6 | - | 4 | 2 | 4 | 35 | 57 | 0 | * | bm.z. | bcz.ybbc | bczcmo | bczomo |
| Ashbourne | 25·0 | -8 | ENE | 2 | cbc | 69 | 59 | 8 | 8 | - | - | 5 | 4 | 5 | 25 | 40 | 0 | * | bbm.yby | bybcyc | bbmo | bm.oFF |
| Snaith | 26·0 | -10 | E | 3 | b | 71 | 57 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * | Fem.m.b | b | bdF | dFdf |
| Spurn Head | 26·4 | -10 | NNE | 3 | F+ | 56 | 54 | 2 | - | - | - | 9 | 9 | 0 | 0 | - | 0 | 1 | Fccm. | Fe | Fe | oe |
| Catterick (Sc.) | 26·7 | -2 | NE'N | 3 | 2o | 65 | 53 | 5 | 2 | - | - | 2 | 2 | - | 25 | - | 0 | * | oFecmsm | bz.bcz. | bcmoF | oofedodo |
| Tynemouth | 27·2 | -10 | SE | 2 | 2o | 58 | 56 | 6 | 5 | - | - | 8 | 8 | - | 14 | - | 0 | 2 | offm. | om | omo | off |
| Acklington | 26·7 | -10 | SE | 2 | 2o | 57 | 56 | 6 | 5 | - | - | 8 | 8 | - | 6 | - | 0 | * | oF,i,cm. | omcm. | cmoOm | omof |
| St. Abb's Head | 26·1 | +8 | SE | 4 | F+ | 54 | 52 | 1 | - | - | - | 9 | 9 | 0 | 0 | - | 1 | 2 | FFe | Fe | FFe | Fm.jFFe |
| Leuchars | 26·3 | 0 | E | 3 | 2o | 57 | 55 | 6 | 5 | - | - | 7 | 5 | 7 | 4 | 15 | 1 | * | or. | bm,cm. | comodof | ododofo |
| Montrose | 27·7 | -6 | SSE | 2 | 2o | 55 | 59 | 5 | 5 | - | - | 8 | 8 | - | 3 | - | 0 | * | om.cm,c | ccm. | Rmoodo | ododoff |
| Abbotsinch | 24·6 | -6 | ENE | 1 | 2o | 71 | 63 | 6 | - | 6 | - | 4 | 4 | 0 | 0 | - | 1 | * | cid.mcm. | pr.bc | bcmo | bwofidoc |
| Prestwick | 24·7 | -14 | NE | 2 | 2o | 73 | 59 | 6 | 1 | 6 | - | 3 | 3 | 1 | 22 | - | 0 | * | cfbz.y | bz.bcz | bzomo | bmo |
| West Freugh | 24·7 | -14 | ESE | 2 | b | 69 | 62 | 7 | · | 3 | - | 1 | 1 | - | 120 | 25 | 0 | * | bz. | bz.b | bbcwF | bm.wbmw |
| Eskdalemuir | 24·7 | -6 | - | 0 | c | 69 | 59 | 7 | 5 | - | - | 7 | 7 | - | 28 | - | 0 | * | bcz.bcy | bcybcc | c | cbfgw |
| Jurby, I. of Man | 25·3 | -10 | N | 1 | 2o | 68 | 58 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * | bz. | bz.bbz. | bmofgbfg | bfbw |
| Machrihanish | 24·3 | -14 | SSE | 3 | 2o | 71 | 71 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | 2 | mz | 2 | zbc | zbv |
| Tiree | 24·7 | -10 | W | 2 | 2o | 64 | 59 | 6 | - | 3 | 9 | 3 | 3 | 3 | · | 0 | 0 | 0 | bwb | bm. | bcbmo | bm.bfcfc |
| Oban | 24·9 | -10 | - | 0 | 2o | 70 | 62 | 6 | - | - | - | 0 | 0 | 0 | - | · | 0 | 1 | jfbm.h | bz. | bzcm. | bm.fs |
| Stornoway | 24·0 | -6 | SSE | 2 | b.bc | 66 | 57 | 8 | 1 | - | 1 | 3 | 3 | 1 | 25 | - | 0 | 1 | bbcbbcy | bcb | bbcbcmo | bcm.,bc |
| Cape Wrath | 25·8 | -2 | SW | 1 | b | 66 | 64 | 8 | 5 | 4 | - | 1 | 1 | - | 40 | - | 0 | 2 | cjfFjf | cjfbc | bc | bc |
| Dalwhinnie | 24·8 | -6 | WSW | 2 | b | 71 | 49 | 7 | 2 | · | - | 2 | 2 | · | 30 | - | 0 | * | bc | bc | * | bczo |
| Aberdeen | 25·9 | -8 | S'E | 3 | cjf | 56 | 54 | 6 | 5 | · | - | 7 | 7 | - | 2 | - | 0 | 2 | om.sm.jf | bjfcjfm. | comifajf | oifmo |
| Fraserburgh | 25·7 | -8 | SSW | 3 | bc | 58 | 55 | 8 | 5 | · | - | 4 | 1 | 4 | 3 | 25 | 0 | - | Fd.cmb | dbcjfbc | bccmoF | Fdo |
| Alness | 24·8 | -2 | NE | 1 | 2o | 71 | 60 | 6 | 2 | 3 | - | 3 | 3 | 2 | 30 | - | 0 | * | cm.m.bm. | bz. | bcmobmo | cwmobcm |
| Wick | 25·9 | -2 | NE | 2 | bjf | 59 | 55 | 7 | 5 | · | - | 1 | 1 | 0 | 0 | - | 0 | * | Fcm.bm.jf | bm.jfFbjf | oF | oF |
| Hatston | 26·1 | -4 | SSW | 1 | cjf | 59 | 55 | 4 | 5 | 4 | - | 6 | 5 | - | 20 | - | * | * | Fn | bcbbc | cmf | ffd |
| Sumburgh | 26·2 | -6 | SSW | 2 | F+ | 53 | 53 | 2 | - | - | - | 9 | 9 | 0 | 0 | - | 1 | 2 | fd.o | bccmo | feFo | Fdfcq |
| Sullom Voe | 25·7 | -6 | SW | 2 | 2o | 57 | 54 | 6 | 5 | - | - | 8 | 5 | 8 | 3 | 5 | 0 | * | cm.bc | bccm. | bcf | efbef |
| Blacksod Point | 29·6 | -12 | S | 1 | c | 63 | 55 | 8 | 6 | - | - | 8 | 8 | 8 | 40 | - | 1 | 2 | r | c | c | f |
| Malin Head | 23·9 | -6 | - | 0 | bc | 63 | 61 | 6 | 2 | 3 | - | 4 | 4 | 8 | 25 | - | 0 | 5 | rs | b | c | f |
| Aldergrove | 24·1 | -10 | SE | 3 | 2o | 72 | 63 | 5 | 2 | - | - | 3 | 3 | - | 25 | - | 0 | * | bm.bz. | bcz. | bzobcmo | bm.wfg |
| Cas. Archdale | 24·6 | -9 | W'N | 3 | pr | 66 | 63 | 6 | 5 | 3 | - | 7 | 3 | 7 | 15 | 40 | 0 | * | bcmo | bcpbcm. | cprcrcmo | cm.pc |
| Birr Castle | 23·6 | -4 | WSW | 1 | pr | 64 | 62 | 7 | 8 | 2 | - | 8 | 5 | - | 15 | - | 1 | * | c | pr | | c |
| Collinstown | 24·0 | -10 | E'S | 3 | 2o | 66 | 58 | 6 | 4 | 6 | - | 4 | 3 | · | 40 | - | 0 | * | b | b | b | r |
| Foynes | 29·4 | -8 | W | 4 | c | 64 | 56 | 8 | 5 | 7 | - | 8 | 8 | - | 48 | - | 0 | * | c | c | r | r |
| Valentia | 25·2 | -10 | - | 0 | c | 61 | 53 | 9 | - | 7 | - | 8 | 0 | 0 | 0 | - | 0 | 0 | c | r | c | c |
| Roches Point | 24·4 | -16 | SSW | 1 | 2o | 62 | 60 | 6 | 5 | 3 | - | 6 | 4 | 6 | 15 | - | 1 | - | F | b | c | c |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil 1=Trace 2=1/10 3=1/4 4=1/2 5=3/4 6=9/10 7=More than 9 but with openings. 8=Completely covered. 9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A=Lowest cloud present.
B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

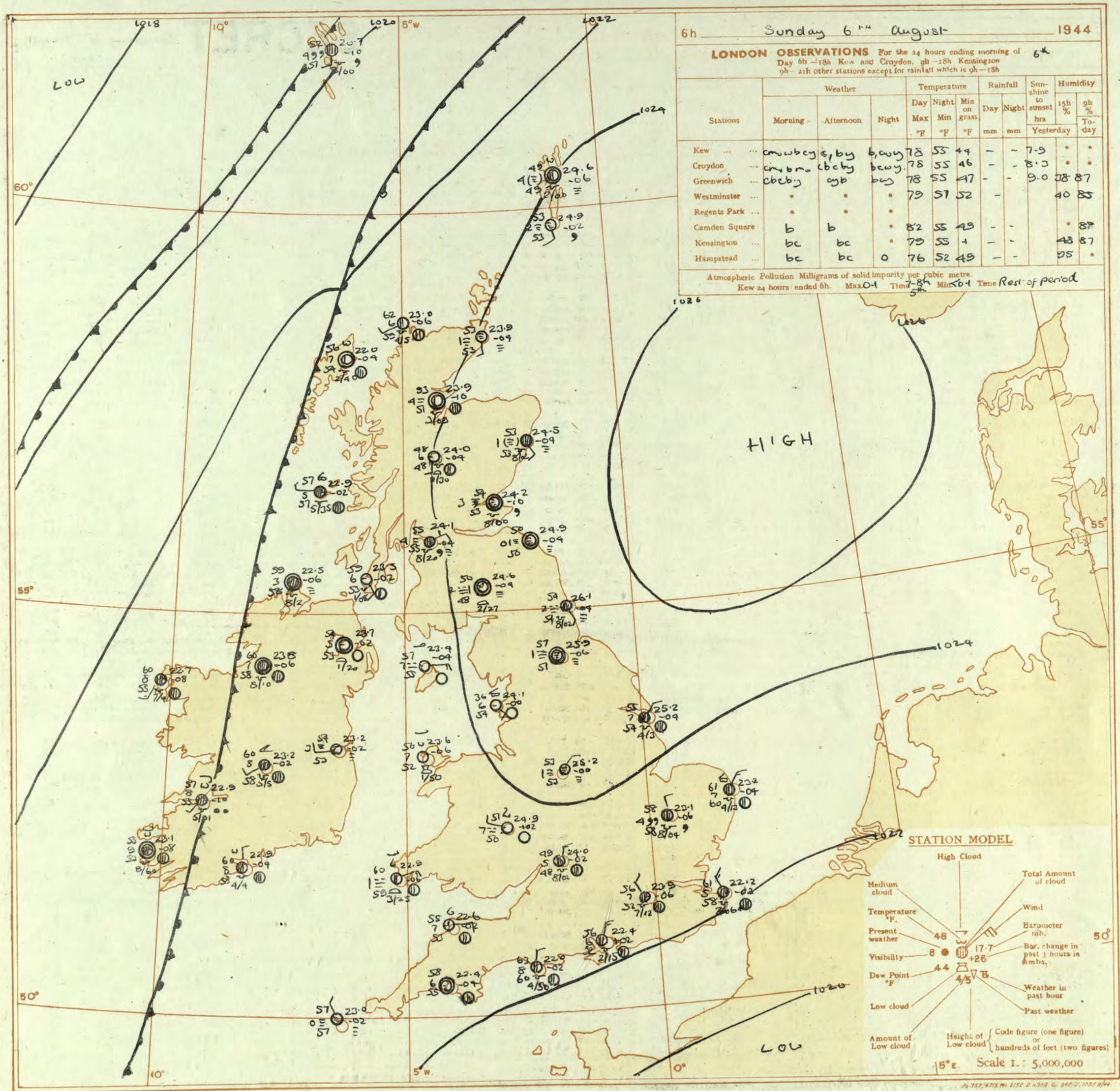
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Sunday 6th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 6th
Day 6h–18h Kew and Croydon, 9h–18h Kensington
9h–21h other stations except for rainfall which is 9h–18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | cmowbcy | c,by | b,cwy | 78 | 55 | 44 | – | – | 7.9 | • | • |
| Croydon ... | cmobmo | cbcby | bcwy. | 78 | 55 | 46 | – | – | 8.3 | • | • |
| Greenwich ... | cbcby | cyb | bcy | 78 | 55 | 47 | – | – | 9.0 | 38 | 87 |
| Westminster ... | • | • | • | 79 | 51 | 52 | – | | | 40 | 85 |
| Regents Park ... | • | • | • | | | | | | | | |
| Camden Square | b | b | • | 82 | 55 | 49 | – | – | | • | 87 |
| Kensington ... | bc | bc | • | 79 | 55 | 4 | – | – | | 48 | 87 |
| Hampstead ... | bc | bc | 0 | 76 | 52 | 49 | – | – | | 95 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0·1 Time 7–8h 5th Min <0·1 Time Rest of period




H.M.S.O. Press, M.O., Dunstable.

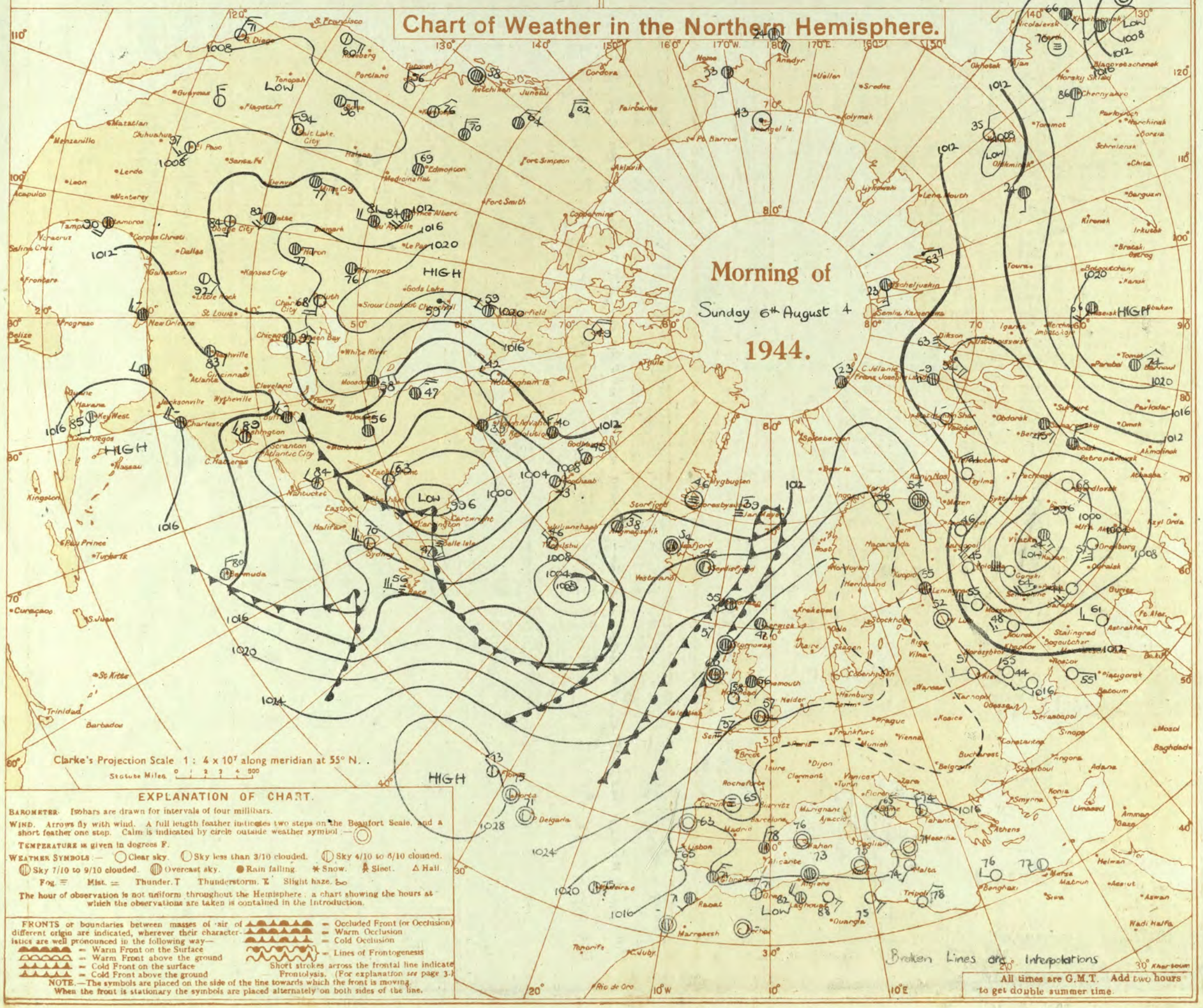
## GENERAL INFERENCE

A weakening ridge of high pressure extends from southwest of the British Isles across England to the North Sea. There will be bright periods in most districts but local thunderstorms are likely in the South and West of the British Isles later today; fog will occur in eastern districts and the Midlands at night; it will be warm during the day but cool at night.

## FURTHER OUTLOOK

Little change.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Sunday. 6th August 1944

No 70208

## OBSERVATIONS at 00hr. G.M.T. 6th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind Direc. (3) | Wind Force (4) | Weather. (5) | Temp. °F (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud Form Low. (9) | Cloud Form Med. (10) | Cloud Form High. (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A. 0–9 (13) | Cloud Amount Low B. 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Croydon ... | 217 | 24.0 | +2 | – | 0 | bc | 57 | 52 | 6 | – | 4 | – | 2 | 2 | – | – | – |
| | Boscombe Down | 417 | 23.7 | +2 | NE'N | 3 | b | 63 | 55 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Thorney Island | 10 | 23.2 | +2 | N'E | 2 | bc | 58 | 53 | 8 | – | – | 1 | 2 | 2 | – | 90 | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 23.3 | –2 | NNE | 4 | bc | 59 | 57 | 7 | – | – | 1 | 3 | 3 | – | 96 | – |
| | Manston ... | 140 | 23.2 | –2 | N'E | 3 | c | 60 | 58 | 7 | – | – | – | 5 | 5 | – | 60 | – |
| 2 | North Weald | 244 | 25.2 | +6 | N | 2 | 20 | 52 | 50 | 6 | – | – | – | 1 | 1 | – | – | – |
| | Felixstowe ... | 10 | 24.5 | +2 | NNW | 2 | bc | 57 | 54 | 8 | – | – | – | 2 | 2 | – | 28 | – |
| | Gorleston ... | 5 | 24.0 | –6 | N | 3 | 0 | 60 | 58 | 7 | – | – | – | 8 | 8 | – | 10 | – |
| | Mildenhall | 15 | 24.6 | –4 | N'E | 2 | 20 | 55 | 55 | 6 | – | – | – | 7 | 7 | – | 12 | – |
| | Bircham Newton | 221 | 25.3 | –2 | ENE | 3 | c | 57 | 56 | 7 | – | – | – | 7 | 7 | – | 7 | – |
| | Cranwell ... | 203 | 25.8 | +2 | NE | 1 | 20 | 54 | 54 | 6 | – | – | – | 8 | 6 | – | 20 | – |
| 3 | Cranfield ... | 340 | 25.0 | +6 | NE | 3 | 20 | 55 | 55 | 6 | – | – | – | 8 | 8 | – | 2 | – |
| | Honiley ... | 427 | 25.2 | +2 | NE | 2 | bc | 57 | 53 | 7 | – | 4 | – | 1 | – | 1 | – | – |
| 4 | Little Rissington | 731 | 24.5 | +2 | NE | 3 | bc | 59 | 54 | 7 | – | – | 1 | 1 | 1 | – | – | – |
| | Shobden ... | 318 | 25.4 | +4 | – | 0 | bc | 56 | 54 | 8 | – | 4 | – | 1 | 1 | – | – | – |
| 5 | Bristol ... | 209 | 24.4 | 0 | – | 0 | bc | 60 | 54 | 7 | 4 | 3 | – | 3 | 3 | 1 | 60 | – |
| | Chivenor ... | 20 | 23.8 | 0 | E | 2 | 20 | 60 | 58 | 6 | – | – | 1 | 2 | 2 | 1 | – | – |
| | Yeovilton | 50 | 23.7 | +2 | – | 0 | fog | 58 | 58 | 7 | – | 6 | – | 1 | – | 1 | – | – |
| | Portland Bill | 32 | 22.7 | –6 | N | 2 | c | 62 | 57 | 8 | 5 | – | – | – | 5 | – | 50 | – |
| | Exeter ... | 100 | 23.6 | 0 | – | 0 | bc | 64 | 60 | 7 | 5 | – | – | 3 | 3 | – | 40 | – |
| | Plymouth ... | 86 | 23.5 | –4 | – | 0 | bc | 61 | 58 | 7 | 2 | 3 | – | 4 | 3 | 3 | 30 | – |
| | St. Eval ... | 345 | 24.2 | –6 | W'N | 1 | bFt | 56 | 56 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | The Lizard | 240 | 23.7 | –4 | N | 2 | 20 | 61 | 58 | 6 | 7 | – | – | 4 | 4 | – | 30 | – |
| | Scilly, St. Marys | 163 | 24.2 | 0 | NNE | 3 | Ft | 57 | 57 | 0 | – | – | – | 0 | 0 | 0 | – | – |
| 6 | Fairwood ... | 268 | 24.3 | –4 | NE | 2 | bc | 61 | 57 | 7 | – | 6 | – | 3 | 3 | – | – | – |
| | Pembroke ... | 142 | 24.7 | 0 | NW'W | 2 | c | 63 | 56 | 8 | 5 | – | – | 3 | 3 | – | 25 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 23.9 | –2 | WNW | 2 | 20 | 61 | 55 | 6 | 5 | 3 | – | 3 | 3 | 1 | – | – |
| | Holyhead, Valley | 32 | 24.8 | –2 | N | 1 | 20 | 58 | 53 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Hawarden | 15 | 25.3 | +4 | – | 0 | 20 | 55 | 53 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| 8 | Manchester | 230 | 25.2 | +2 | ENE | 2 | b | 55 | 53 | 6 | – | – | – | 0 | 0 | – | – | – |
| | Squires Gate | 30 | 25.1 | +2 | SSE | 2 | 20 | 59 | 55 | 6 | – | 7 | – | 3 | – | 0 | – | – |
| | Silloth ... | 25 | 25.2 | +2 | NE | 2 | 20 | 60 | 57 | 6 | – | 3 | – | 4 | 4 | – | – | – |
| 9 | Ashbourne ... | 590 | 25.7 | 0 | NNE | 2 | 20 | 57 | 56 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Snaith ... | 30 | 26.5 | +2 | ENE | 2 | df | 55 | 55 | 1 | – | – | – | 0 | 0 | 0 | – | – |
| 10 | Spurn Head | 29 | 26.4 | 0 | NNE | 2 | f | 56 | 56 | 2 | – | – | – | 0 | 0 | 0 | – | – |
| | Catterick (Sc.) | 195 | 27.1 | +2 | N'W | 2 | DD | 55 | 55 | 2 | – | – | – | 0 | 0 | 0 | – | – |
| | Tynemouth | 108 | 27.3 | 0 | SE | 2 | 20 | 56 | 56 | 6 | 5 | – | – | 8 | 8 | – | – | – |
| | Acklington | 138 | 26.5 | 0 | SSW | 1 | m | 55 | 54 | 4 | 5 | – | – | 8 | 8 | – | 4 | – |
| 11 | St. Abb's Head | 280 | 25.7 | 0 | S | 2 | df | 52 | 52 | 3 | – | – | – | 0 | 0 | 0 | – | – |
| | Leuchars ... | 31 | 23.8 | –6 | – | 0 | df | 55 | 54 | 3 | – | – | – | 0 | 0 | 0 | – | – |
| | Montrose ... | 22 | 27.3 | –2 | S | 1 | dodo | 55 | 55 | 5 | 5 | – | – | 8 | 0 | 0 | 2 | – |
| 12 | Abbotsinch | 19 | 25.0 | 0 | – | 0 | 20 | 57 | 56 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Prestwick ... | 30 | 25.0 | –2 | SE | 1 | 20 | 60 | 57 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | West Freugh | 53 | 24.6 | –2 | – | 0 | df | 55 | 55 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 25.1 | –2 | – | 0 | fsfg | 57 | 53 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| 13A | Machrihanish | 35 | 25.0 | +4 | E'S | 2 | 20 | 59 | 55 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Tiree ... | 44 | 24.5 | –2 | N'W | 1 | 20 | 55 | 55 | 5 | 5 | – | – | 1 | 1 | – | 50 | – |
| | Oban ... | 74 | 24.6 | 0 | SW | 1 | 20 | 62 | 61 | 6 | 5 | – | – | 4 | 4 | – | 30 | – |
| 13B | Stornoway ... | 23 | 23.7 | –4 | – | 0 | 20 | 57 | 55 | 6 | – | 7 | 6 | 7 | 0 | 0 | – | – |
| | Cape Wrath | 367 | 25.0 | –4 | S | 1 | bc | 64 | 57 | 8 | 2 | 4 | – | 3 | 0 | 0 | – | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 25.9 | +2 | SE | 2 | 20 | 52 | 52 | 5 | 5 | – | – | 5 | 5 | 0 | 5 | – |
| | Fraserburgh | 76 | 25.3 | –6 | S'E | 4 | f | 53 | 53 | 3 | 5 | – | – | 8 | 8 | 0 | 2 | – |
| | Alness ... | 63 | 25.6 | +2 | – | 0 | 20 | 53 | 52 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Wick ... | 114 | 25.7 | –4 | E | 0 | F | 53 | 52 | 1 | – | – | – | 0 | 0 | 0 | – | – |
| 16 | Hatston ... | 45 | 26.1 | 0 | SSE | 1 | Ft | 53 | 52 | 3 | – | – | – | 0 | 0 | 0 | – | – |
| | Sumburgh ... | 15 | 26.0 | –4 | SSW | 3 | df | 51 | 51 | 1 | – | – | – | 0 | 0 | 0 | – | – |
| | Sullom Voe | 12 | 25.6 | –6 | ESE | 2 | f | 47 | 46 | 2 | 5 | – | – | 8 | 8 | 0 | – | – |
| 17 | Blacksod Point | 18 | 24.5 | –2 | S | 2 | c | 61 | 59 | 8 | 5 | – | – | 8 | 8 | 0 | 25 | – |
| 18 | Malin Head | 84 | 24.0 | –6 | – | 0 | c | 60 | 58 | 6 | 5 | – | – | 7 | 7 | 0 | 8 | – |
| | Aldergrove | 294 | 24.7 | 0 | E'S | 2 | 20 | 60 | 56 | 6 | – | 3 | – | 1 | 1 | – | – | – |
| | Cas. Archdale | 240 | 25.1 | –2 | WSW | 1 | 20 | 60 | 59 | 6 | 5 | 2 | – | 8 | 4 | 8 | 24 | – |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 24.5 | –2 | NE'E | 0 | 0 | 55 | 54 | 7 | 5 | 2 | 7 | 3 | 0 | 0 | – | – |
| 20 | Foynes ... | 3 | 24.9 | –2 | W'S | 0 | clr | 60 | 58 | 6 | – | – | – | 8 | 7 | – | 15 | – |
| | Valentia ... | 30 | 25.0 | –2 | – | 0 | c | 57 | 55 | 8 | 5 | – | – | 7 | 7 | – | 57 | – |
| | Roches Point | 22 | 24.4 | 0 | N | 1 | c | 61 | 60 | 8 | 5 | 3 | – | 6 | 4 | – | 15 | – |

## OBSERVATIONS at 06hr. G.M.T. 6th August

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind Direc. (19) | Wind Force (20) | Weather. (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility. 0–9 (24) | Cloud Form Low. (25) | Cloud Form Med. (26) | Cloud Form High. (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A. 0–9 (29) | Cloud Amount Low B. 0–9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 23.4 | –2 | N | 1 | c | 56 | 51 | 7 | 5 | – | – | 8 | 3 | 8 | 18 | 40 | 0 | * |
| | Croydon ... | 23.9 | +6 | NNW | 2 | c | 56 | 52 | 7 | 5 | – | – | 7 | – | – | 12 | – | 0 | * |
| | Boscombe Down | 23.5 | +2 | N'E | 2 | c/f | 55 | 54 | 5 | 5 | – | – | 8 | 8 | – | 1 | – | 0 | * |
| | Thorney Island | 22.4 | +2 | NNE | 3 | 20 | 56 | 52 | 6 | 5 | – | – | 5 | 2 | 5 | 15 | – | 0 | * |
| | Friston ... | | | | | | | | | | | | | | | | | | * |
| | Lympne ... | 21.7 | –2 | N'E | 4 | cFt | 57 | 57 | 2 | 5 | – | – | 8 | 8 | – | 0 | – | 0 | § |
| | Manston ... | 22.2 | –2 | N'W | 3 | 20 | 61 | 58 | 5 | 5 | – | – | 7 | 7 | – | 6 | – | 0 | * |
| 2 | North Weald | 23.8 | –6 | N | 3 | 20 | 56 | 55 | 5 | 5 | – | – | 8 | 8 | – | 5 | – | 0 | * |
| | Felixstowe ... | 22.7 | –6 | NW'W | 3 | 20 | 60 | 57 | 6 | 5 | – | – | 8 | 8 | – | 12 | – | 0 | 1 |
| | Gorleston ... | 23.2 | –4 | N'E | 3 | c | 61 | 60 | 7 | 5 | 7 | – | 5 | 4 | 3 | 13 | 72 | 0 | 2 |
| | Mildenhall | 23.1 | –6 | N | 2 | dodo | 58 | 58 | 4 | 5 | – | – | 8 | 8 | – | 15 | – | 1 | * |
| | Bircham Newton | 23.8 | –6 | NE | 3 | dodo | 57 | 57 | 2 | 5 | – | – | 8 | 8 | – | 0 | – | 1 | * |
| | Cranwell ... | 24.8 | –4 | N | 1 | 20 | 53 | 53 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 0 | * |
| 3 | Cranfield ... | 23.9 | –6 | NE | 2 | c | 54 | 52 | 7 | 5 | – | – | 7 | 5 | 6 | 3 | 15 | 0 | * |
| | Honiley ... | 24.5 | –2 | ENE | 3 | 20 | 52 | 50 | 5 | 5 | – | – | 8 | 8 | – | 6 | – | 0 | * |
| 4 | Little Rissington | 24.0 | –2 | NE'E | 3 | 20 | 49 | 48 | 5 | 5 | – | – | 8 | 8 | – | 2 | – | 0 | * |
| | Shobden ... | 24.9 | +2 | WNW | 1 | fsfg | 51 | 50 | 7 | – | – | – | 1 | 1 | – | – | – | 0 | * |
| 5 | Bristol ... | 24.0 | –2 | – | 0 | 20 | 55 | 54 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| | Chivenor ... | 22.6 | –2 | E | 1 | bc | 55 | 53 | 7 | – | 4 | 6 | 2 | – | 2 | – | – | 0 | * |
| | Yeovilton | 23.2 | 0 | – | 0 | 20 | 51 | 51 | 6 | – | – | 1 | 1 | – | 1 | – | – | 0 | * |
| | Portland Bill | 22.0 | –2 | N | 2 | bc | 63 | 60 | 8 | 5 | – | – | 4 | 4 | – | 50 | – | 1 | 3 |
| | Exeter ... | 22.9 | –2 | – | 0 | 20 | 56 | 54 | 6 | 5 | – | – | 0 | 0 | 0 | – | – | 0 | * |
| | Plymouth ... | 22.4 | –4 | – | 0 | bc | 58 | 55 | 6 | 5 | – | – | 1 | 1 | – | 22 | – | 0 | 1 |
| | St. Eval ... | 22.7 | –8 | – | 0 | bJF | 59 | 59 | 5 | – | 4 | 1 | 1 | 1 | – | – | – | 1 | * |
| | The Lizard | 21.7 | –8 | NE | 2 | bc | 60 | 56 | 7 | 7 | – | – | 4 | 4 | – | 30 | – | 0 | 2 |
| | Scilly, St. Marys | 23.0 | –2 | N'W | 2 | F | 57 | 57 | 0 | – | – | – | 9 | 9 | – | 0 | – | 1 | 2 |
| 6 | Fairwood ... | 23.4 | –4 | – | 0 | b | 60 | 55 | 7 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| | Pembroke ... | 22.9 | –6 | E'N | 3 | 1 | 60 | 59 | 7 | 1 | 4 | 1 | 4 | 3 | 4 | 25 | – | 0 | 2 |
| | Aberporth ... | 23.0 | –8 | SSE | 1 | bc | 59 | 54 | 7 | 5 | 3 | – | 3 | 3 | 1 | 30 | – | 0 | 0 |
| 7 | Penrhos ... | 23.0 | –2 | – | 0 | bJF | 63 | 60 | 8 | 5 | 3 | – | 4 | 4 | 4 | 60 | – | 0 | 1 |
| | Holyhead, Valley | 23.6 | –6 | E'N | 1 | bc | 56 | 52 | 7 | 3 | 3 | 1 | 3 | 1 | 2 | 50 | – | 0 | 1 |
| | Hawarden | 24.3 | –4 | ESE | 2 | m | 52 | 52 | 4 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| 8 | Manchester | 24.2 | –6 | E | 1 | bc | 53 | 52 | 6 | 5 | – | – | 1 | 3 | – | 10 | – | 0 | * |
| | Squires Gate | 24.1 | 0 | ESE | 2 | 20 | 56 | 54 | 6 | – | 7 | – | 1 | – | – | 60 | – | 0 | 0 |
| | Silloth ... | 24.4 | –2 | NE | 2 | 20 | 54 | 53 | 5 | 5 | – | 1 | 3 | 3 | 1 | 45 | – | 1 | * |
| 9 | Ashbourne ... | 23.2 | 0 | NE | 2 | f | 53 | 53 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| | Snaith ... | 25.6 | –4 | ENE | 1 | df | 53 | 53 | 3 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| 10 | Spurn Head | 25.2 | –4 | NE | 2 | o | 55 | 54 | 7 | 5 | – | – | 8 | 9 | 4 | 25 | – | 1 | 1 |
| | Catterick (Sc.) | 25.9 | –6 | – | 0 | F | 52 | 52 | 7 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| | Tynemouth | 26.1 | –4 | SE | 1 | cf | 54 | 54 | 2 | 5 | – | – | 8 | 8 | – | 2 | – | 0 | 2 |
| | Acklington | 25.1 | –10 | S | 2 | f | 53 | 53 | 3 | – | – | – | 9 | 9 | – | 0 | – | 0 | * |
| 11 | St. Abb's Head | 24.9 | –4 | – | 0 | F | 50 | 50 | 0 | – | – | – | 9 | 9 | – | 0 | – | 1 | 2 |
| | Leuchars ... | 24.2 | –10 | – | 0 | df | 54 | 53 | 3 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| | Montrose ... | 26.0 | –2 | SE | 1 | df | 53 | 53 | 3 | 5 | – | – | 8 | 8 | – | 2 | – | 1 | * |
| 12 | Abbotsinch | 24.1 | –4 | E'N | 2 | c/f | 55 | 55 | 4 | 5 | – | – | 8 | 8 | – | 20 | – | 1 | * |
| | Prestwick ... | 23.7 | –6 | E | 1 | 20 | 59 | 55 | 5 | – | 7 | – | 7 | 7 | – | 78 | – | 0 | 0 |
| | West Freugh | 23.4 | –4 | ESE | 2 | 20 | 53 | 51 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| | Eskdalemuir | 24.6 | –4 | – | 0 | bf | 50 | 48 | 2 | – | – | – | 2 | 2 | – | 27 | – | 0 | * |
| | Jurby, I. of Man | 23.4 | –4 | E | 4 | fsfg | 57 | 55 | 7 | – | – | – | 1 | 1 | – | – | – | 0 | * |
| 13A | Machrihanish | 23.5 | –2 | SE'E | 2 | 20 | 59 | 56 | 6 | 5 | – | – | 1 | 1 | – | 8 | – | 0 | 1 |
| | Tiree ... | 22.9 | –2 | W | 1 | 20 | 57 | 57 | 5 | 5 | 7 | – | 7 | 5 | 7 | 37 | – | 1 | |
| | Oban ... | 23.9 | –8 | – | 0 | fsfg | 57 | 56 | 6 | – | – | – | 7 | – | 8 | – | 2 | 0 | 1 |
| 13B | Stornoway ... | 22.0 | –4 | – | 0 | 20 | 56 | 54 | 7 | 5 | 3 | – | 5 | 2 | 3 | 40 | – | 0 | 1 |
| | Cape Wrath | 23.0 | –6 | SW | 2 | bc | 62 | 59 | 6 | 7 | – | – | 5 | 2 | – | 25 | – | 0 | * |
| 15 | Dalwhinnie | 24.0 | –4 | S | 2 | bc | 48 | 48 | 6 | 7 | – | – | 2 | 2 | – | 30 | – | 0 | * |
| | Aberdeen† ... | 24.5 | –4 | SSE | 2 | CJF | 53 | 53 | 1 | 5 | – | – | 8 | 8 | – | 2 | – | 0 | 2 |
| | Fraserburgh | 25.0 | –2 | S | 3 | df | 53 | 53 | 2 | 5 | – | – | 8 | 8 | – | 2 | – | 0 | 0 |
| | Alness ... | 23.9 | –10 | – | 0 | m | 53 | 51 | 4 | 5 | – | – | 3 | 3 | – | 3 | – | 0 | * |
| | Wick ... | 23.9 | –4 | S | 1 | F | 53 | 53 | 1 | – | – | – | 9 | 9 | – | 0 | – | 0 | * |
| 16 | Hatston ... | 24.0 | –12 | SE'S | 3 | df | 53 | 53 | 1 | – | – | – | 9 | 9 | – | 0 | – | * | * |
| | Sumburgh ... | 24.9 | –2 | S | 2 | f | 53 | 53 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 | 2 |
| | Sullom Voe | 24.6 | –6 | – | 0 | bJF | 49 | 49 | 4 | 5 | 3 | – | 4 | 2 | 3 | 0 | – | 0 | * |
| 17 | Blacksod Point | 22.7 | –8 | S'W | 3 | c | 60 | 56 | 8 | 5 | – | – | 7 | 7 | – | 15 | – | 1 | 2 |
| 18 | Malin Head | 22.5 | –6 | – | 0 | f | 59 | 58 | 3 | 5 | – | – | 8 | 8 | – | 45 | – | 0 | 0 |
| | Aldergrove | 23.7 | –2 | – | 0 | 20 | 54 | 53 | 5 | 1 | – | – | 1 | 1 | – | 20 | – | 0 | * |
| | Cas. Archdale | 23.8 | –6 | – | 0 | c | 60 | 58 | 7 | 5 | – | – | 8 | 1 | 8 | 10 | 40 | 1 | * |
| 19 | Birr Castle ... | 23.2 | –2 | WSW | 1 | f | 60 | 58 | 8 | 5 | 2 | – | 8 | 5 | – | 25 | – | 1 | * |
| | Collinstown | 23.2 | –2 | W | 2 | f | 54 | 52 | 8 | 5 | – | – | 9 | 9 | – | 0 | – | 0 | * |
| 20 | Foynes ... | 22.9 | –10 | S | 1 | bc/r | 55 | 55 | 8 | 5 | 3 | – | 7 | 5 | – | 57 | – | 0 | 0 |
| | Valentia ... | 23.5 | –8 | – | 0 | c | 55 | 53 | 9 | 5 | 3 | – | 7 | 5 | – | 15 | – | 1 | 2 |
| | Roches Point | 29.9 | 0 | N | 2 | c | 60 | 58 | 8 | 5 | 3 | – | 5 | 4 | – | | | | |

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h–18h °F. (35) | Temperature. Min. Night 18h–6h °F. (36) | Temperature. Min. on Grass °F. (37) | Rainfall. Day 6h–18h mm. (38) | Rainfall. Night 18h–6h mm. (39) | Sunshine 5th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 78 | 55 | 44 | – | – | 7.9 |
| Croydon ... | 78 | 55 | 46 | – | – | 8.3 |
| Boscombe Down | 78 | 54 | 53 | – | – | 10.8 |
| Thorney Island | 80 | 53 | 45 | Tr | – | * |
| Friston ... | | | | | | |
| Lympne ... | 75 | 57 | 56 | – | – | 11.8 |
| Manston ... | 72 | 60 | * | – | – | 12.7 |
| North Weald | 77 | 51 | * | * | * | * |
| Felixstowe ... | 73 | 55 | 52 | – | Tr | 14.0 |
| Gorleston ... | 67 | 59 | 55 | – | – | 9.7 |
| Mildenhall | 77 | 53 | 43 | – | Tr | 10.2 |
| Bircham Newton | 66 | 56 | 55 | – | Tr | * |
| Cranwell ... | 75 | 53 | 53 | – | – | 11.1 |
| Cranfield ... | 74 | 53 | 51 | Tr | – | * |
| Honiley ... | 77 | 51 | 50 | – | – | * |
| Little Rissington | – | 49 | 49 | – | – | * |
| Shobden ... | 78 | 48 | * | – | – | * |
| Bristol ... | 79 | 53 | 42 | – | – | 10.8 |
| Chivenor ... | 82 | 53 | 46 | – | – | * |
| Yeovilton | 80 | 50 | 45 | – | – | * |
| Portland Bill | 78 | 60 | * | – | – | * |
| Exeter ... | 81 | 54 | 51 | – | – | * |
| Plymouth ... | 72 | 56 | 46 | 0.1 | – | 9.4 |
| St. Eval ... | 74 | 54 | 49 | – | – | * |
| The Lizard | 73 | 58 | * | – | – | 11.9 |
| Scilly, St. Marys | 70 | 56 | * | – | 0.2 | 5.7 |
| Fairwood ... | – | 57 | 52 | – | – | * |
| Pembroke ... | 73 | 59 | * | – | – | 13.0 |
| Aberporth ... | 73 | 56 | 47 | – | – | 13.6 |
| Penrhos ... | 78 | 59 | 49 | – | – | * |
| Holyhead, Valley | 78 | 53 | 46 | – | – | * |
| Hawarden | 81 | 49 | 44 | – | – | 9.9 |
| Manchester | 79 | 48 | 43 | – | – | * |
| Squires Gate | 78 | 53 | 49 | – | – | * |
| Silloth ... | 73 | 53 | 50 | – | – | * |
| Ashbourne ... | 75 | 51 | 47 | – | – | * |
| Snaith ... | 76 | 51 | 47 | – | Tr | * |
| Spurn Head | 61 | 53 | * | – | – | 1.8 |
| Catterick (Sc.) | 74 | 52 | 49 | – | Tr | 9.5 |
| Tynemouth | 61 | 54 | 54 | – | – | – |
| Acklington | 62 | 53 | 54 | – | – | * |
| St. Abb's Head | 55 | 49 | 53 | – | 0.5 | * |
| Leuchars ... | 60 | 53 | 53 | – | 0.1 | 2.0 |
| Montrose ... | 60 | 53 | 54 | – | 0.2 | * |
| Abbotsinch | 75 | 52 | 50 | Tr | Tr | 4.9 |
| Prestwick ... | 77 | 55 | 53 | – | – | * |
| West Freugh | 70 | 49 | 42 | – | – | * |
| Eskdalemuir | 76 | 48 | 42 | – | – | 8.7 |
| Jurby, I. of Man | 74 | 49 | 47 | – | – | * |
| Machrihanish | 73 | 57 | 57 | – | – | * |
| Tiree ... | 69 | 55 | 46 | – | – | 12.1 |
| Oban ... | 75 | 56 | * | – | – | * |
| Stornoway ... | 68 | 53 | 47 | – | – | 12.9 |
| Cape Wrath | 66 | 55 | * | – | – | * |
| Dalwhinnie | 76 | 45 | 37 | – | – | 12.6 |
| Aberdeen† ... | 62 | 52 | 50 | – | – | 4.7 |
| Fraserburgh | 67 | 52 | 51 | – | – | * |
| Alness ... | 75 | 49 | 41 | – | Tr | * |
| Wick ... | 64 | 51 | 51 | – | – | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 56 | 50 | 50 | Tr | Tr | 0.6 |
| Sullom Voe | 65 | 46 | 40 | – | – | * |
| Blacksod Point | 65 | 59 | * | 0.5 | 1 | * |
| Malin Head | 67 | 57 | * | – | 1 | 9.5 |
| Aldergrove | 70 | 52 | 47 | – | Tr | 12.4 |
| Cas. Archdale | 75 | 58 | 51 | – | 8 | * |
| Birr Castle ... | 76 | 58 | 57 | 28 | 1 | 6.7 |
| Collinstown | 73 | 52 | 44 | – | Tr | 9.7 |
| Foynes ... | 68 | 57 | 56 | – | 0.1 | 1.2 |
| Valentia ... | 61 | 53 | 47 | – | Tr | 0.0 |
| Roches Point | 64 | 59 | * | 0.1 | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 5 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Monday 7th August 1944

No. 30209

## OBSERVATIONS at 12h. G.M.T. August 6th

| District | Stations. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force. (4) | Weather. (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility. 0-9 (8) | Cloud. Form. Low. (9) | Cloud. Form. Med. (10) | Cloud. Form. High. (11) | Cloud. Amount. Total. 0-9 (12) | Cloud. Amount. Low. A. 0-9 (13) | Cloud. Amount. Low. B. 0-9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 22.2 | -10 | N | 2 | ebc | 67 | 57 | 7 | 8 | – | – | 5 | 5 | 2 | 28 | 40 |
| | Croydon ... | 22.6 | -8 | N | 2 | bc | 67 | 58 | 6 | 5 | – | – | 4 | 4 | – | 15 | – |
| | Boscombe Down | 22.4 | -8 | NNE | 2 | b | 70 | 48 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Thorney Island | 21.6 | +6 | NE | 2 | b | 73 | 56 | 8 | 1 | – | – | 2 | 2 | – | 25 | – |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 21.0 | -8 | N | 4 | b | 71 | 59 | 7 | 1 | – | – | 2 | 2 | – | 20 | – |
| | Manston ... | 21.4 | -6 | NNE | 3 | bc | 67 | 59 | 7 | 5 | – | 5 | 4 | 1 | 4 | 10 | – |
| 2 | North Weald | 22.5 | -6 | N'E | 4 | bc | 70 | 58 | 7 | 2 | – | – | 4 | 4 | – | 20 | – |
| | Felixstowe ... | 22.1 | -2 | ENE | 3 | b-bc | 71 | 61 | 8 | 2 | – | 5 | 3 | 3 | 3 | 30 | – |
| | Gorleston ... | 22.5 | +4 | NE | 4 | bc | 64 | 61 | 7 | 1 | – | – | 4 | 4 | – | 20 | – |
| | Mildenhall | 22.4 | -6 | NE'N | 3 | bc | 72 | 59 | 8 | 2 | 5 | – | 4 | 4 | 1 | 25 | – |
| | Bircham Newton | 23.8 | +2 | ENE | 3 | ebc | 62 | 57 | 8 | 5 | – | – | 5 | 5 | – | 8 | – |
| | Cranwell ... | 23.1 | -10 | E'N | 1 | b | 70 | 57 | 8 | 1 | 6 | – | 2 | 2 | 1 | 25 | – |
| 3 | Cranfield ... | 23.1 | -2 | NNE | 3 | c | 63 | 55 | 7 | 5 | – | – | 8 | 6 | – | 12 | – |
| | Honiley ... | 24.8 | +4 | ENE | 3 | 2 | 59 | 54 | 5 | 5 | – | – | 7 | 5 | 7 | 10 | 25 |
| 4 | Little Rissington | 22.2 | -14 | NE'E | 2 | b-bc | 66 | 53 | 8 | 1 | – | – | 3 | 3 | – | 30 | – |
| | Shobden ... | 22.2 | -8 | SE | 1 | b | 69 | 54 | 7 | 2 | – | – | 1 | 1 | – | 40 | – |
| 5 | Bristol ... | 23.0 | -8 | NNE | 2 | b | 70 | 52 | 7 | 1 | – | – | 1 | 1 | – | 40 | – |
| | Chivenor ... | 22.0 | -6 | NNW | 3 | bc | 76 | 56 | 8 | 2 | – | – | 4 | 4 | – | 25 | – |
| | Yeovilton | 22.2 | -8 | NNE | 3 | b | 73 | 57 | 7 | 1 | – | – | 1 | 1 | – | 20 | – |
| | Portland Bill | 22.0 | 0 | SW | 2 | bc | 64 | 61 | 8 | 5 | – | – | 4 | 4 | – | 50 | – |
| | Exeter ... | 22.1 | -8 | ENE | 2 | bc | 76 | 58 | 7 | 1 | – | – | 4 | 4 | – | 25 | – |
| | Plymouth ... | 22.6 | 0 | SSW | 2 | bc | 66 | 59 | 8 | 8 | – | – | 4 | 4 | – | 30 | – |
| | St. Eval ... | 22.7 | 0 | WNW | 3 | b-bc | 71 | 62 | 7 | 2 | – | 1 | 3 | 3 | 1 | 25 | – |
| | The Lizard | 21.7 | 0 | ENE | 4 | b-bc | 70 | 62 | 7 | 1 | – | – | 3 | 3 | – | 40 | – |
| | Scilly, St. Marys | 22.8 | 0 | N | 1 | ebgf | 67 | 64 | 6 | 5 | 7 | 2 | 5 | 3 | 4 | 22 | 57 |
| 6 | Fairwood ... | 22.7 | -4 | SSW | 2 | b | 71 | 58 | 7 | 1 | – | – | 1 | 1 | – | 25 | – |
| | Pembroke ... | 22.4 | 0 | SE'S | 3 | b-bc | 67 | 57 | 7 | – | 7 | – | 3 | – | 3 | – | – |
| | Aberporth ... | 23.0 | +2 | N | 1 | bc | 66 | 57 | 7 | 2 | 7 | – | 4 | 3 | 3 | 30 | – |
| 7 | Penrhos ... | 22.5 | -2 | SE | 3 | b | 74 | 60 | 8 | 2 | – | – | 1 | 1 | – | 35 | – |
| | Holyhead, Valley | 23.4 | -2 | SW'W | 2 | b | 71 | 59 | 7 | 2 | – | – | 1 | 1 | – | 30 | – |
| | Hawarden ... | 23.1 | -6 | SE | 2 | b | 74 | 55 | 8 | 2 | – | – | 1 | 1 | – | 25 | – |
| 8 | Manchester | 22.5 | -10 | S. | 1 | bc | 74 | 55 | 8 | 1 | – | – | 4 | 4 | – | 30 | – |
| | Squires Gate | 22.8 | -6 | NNW | 3 | b | 74 | 55 | 7 | 1 | – | – | 2 | 2 | – | 30 | – |
| | Silloth ... | 23.1 | -8 | WNW | 3 | b-bc | 72 | 61 | 7 | 2 | 8 | – | 3 | 3 | 1 | 30 | – |
| 9 | Ashbourne ... | 24.2 | -6 | NE | 2 | 2 | 64 | 58 | 5 | 5 | – | – | 4 | 4 | – | 10 | – |
| | Snaith ... | 24.9 | -6 | – | 0 | b | 64 | 54 | 8 | 5 | – | 1 | 2 | 1 | 1 | 20 | – |
| 10 | Spurn Head | 25.0 | 0 | ENE | 3 | ebc | 62 | 54 | 7 | 5 | – | – | 5 | 5 | – | 15 | – |
| | Catterick (Sc.) | 24.7 | -10 | E | 2 | 2 | 67 | 58 | 6 | 1 | – | 1 | 2 | 2 | 1 | 25 | – |
| | Tynemouth | 25.1 | -2 | SE | 2 | 9f | 60 | 56 | 6 | 5 | – | – | 8 | 8 | – | 8 | – |
| | Acklington | 24.1 | 0 | SE | 3 | 2 | 60 | 56 | 6 | 5 | – | – | 7 | 5 | 7 | 6 | 15 |
| 11 | St. Abb's Head | 24.7 | 0 | SSE | 2 | F+ | 56 | 54 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Leuchars ... | 24.2 | -4 | NE | 1 | m | 58 | 55 | 4 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Montrose ... | 25.2 | -4 | ESE | 1 | ido | 56 | 55 | 4 | 5 | – | – | 8 | 8 | – | 8 | – |
| 12 | Abbotsinch | 23.2 | -6 | – | 0 | 2 | 67 | 61 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Prestwick ... | 22.6 | -6 | WNW | 3 | 2 | 74 | 57 | 6 | 2 | – | – | 2 | 2 | – | 30 | – |
| | West Freugh | 22.8 | -2 | SSE | 3 | b | 67 | 59 | 7 | 1 | – | – | 1 | 1 | – | 25 | – |
| | Eskdalemuir | 22.2 | -6 | SWS | 2 | b-bc | 73 | 55 | 7 | 2 | – | – | 3 | 3 | – | 32 | – |
| | Jurby, I. of Man | 22.9 | -2 | ESE | 2 | b | 73 | 59 | 7 | 1 | – | – | 1 | 1 | – | 35 | – |
| 13A | Machrihanish | 22.7 | -4 | SE'S | 3 | 2 | 71 | 61 | 6 | 1 | – | – | 1 | 1 | – | 25 | – |
| | Tiree ... | 22.6 | -6 | SE | 3 | 2 | 63 | 59 | 5 | 2 | 3 | 9 | 4 | 1 | 4 | 50 | – |
| | Oban ... | 22.9 | -8 | – | 0 | 2 | 69 | 61 | 6 | 8 | – | – | 3 | 3 | – | 40 | – |
| 13B | Stornoway ... | 21.5 | -2 | – | 0 | 2 | 65 | 58 | 7 | – | 3 | – | 5 | 5 | – | – | – |
| | Cape Wrath | 28.5 | 0 | SW | 1 | bc | 65 | 58 | 7 | 5 | – | – | 4 | 4 | – | 25 | – |
| 15 | Dalwhinnie | 23.3 | -6 | SSW | 2 | b-bc | 72 | 52 | 6 | 2 | – | – | 3 | 3 | – | 30 | – |
| | Aberdeen ... | 23.9 | -6 | SW | 3 | cjf | 57 | 54 | 6 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Fraserburgh | 23.5 | -8 | SW | 4 | b-bc | 64 | 57 | 8 | 5 | – | – | 3 | 2 | 3 | 6 | 40 |
| | Alness ... | 22.5 | -10 | E | 1 | b-bc | 67 | 60 | 7 | 2 | – | 1 | 3 | 3 | – | 25 | – |
| | Wick ... | 22.7 | -2 | SSE | 4 | ebcf+ | 58 | 55 | 2 | 5 | – | – | 5 | 5 | – | – | – |
| 16 | Hatston ... | 22.9 | -4 | ESE | 3 | 2 | 63 | 57 | 3 | 5 | – | – | 4 | 4 | – | 4 | – |
| | Sumburgh ... | 24.0 | -4 | SSE | 2 | 2 | 55 | 55 | 6 | 5 | – | – | 8 | 8 | – | 8 | – |
| | Sullom Voe | 23.5 | -6 | SE | 3 | b-bc | 63 | 54 | 8 | 5 | – | – | 3 | 3 | 3 | 10 | 15 |
| 17 | Blacksod Point | 22.1 | -4 | S'E | 4 | bc | 66 | 58 | 8 | 8 | 4 | – | 4 | 3 | – | 25 | – |
| 18 | Malin Head | 22.4 | -2 | – | 0 | c | 55 | 53 | 6 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Aldergrove | 22.6 | -6 | WS | 1 | 2 | 70 | 63 | 6 | 2 | – | 1 | 4 | 3 | 2 | 35 | – |
| | Cas. Archdale | 23.5 | -4 | – | 0 | c | 67 | 59 | 8 | 5 | 7 | – | 7 | 4 | 7 | 30 | – |
| 19 | Birr Castle ... | 21.9 | -12 | N | 1 | ebc | 75 | 63 | 8 | 4 | – | – | 5 | 5 | – | 25 | – |
| | Collinstown | 22.9 | +2 | – | 0 | c | 68 | 60 | 7 | 5 | 7 | – | 8 | 1 | – | 18 | – |
| 20 | Foynes ... | 22.1 | -6 | NE | 2 | c | 67 | 59 | 8 | 2 | 3 | 4 | 7 | 1 | – | 32 | – |
| | Valentia ... | 22.7 | -2 | S | 3 | c-bc | 70 | 58 | 9 | 5 | 3 | 3 | 5 | 3 | – | 55 | – |
| | Roches Point | 22.7 | 0 | SSE | 2 | bc | 69 | 63 | 8 | 1 | 3 | – | 4 | 2 | – | 40 | – |

## OBSERVATIONS at 18h. G.M.T. August 6th

| Stations. | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force. (20) | Weather. (21) | Temp. °F. (22) | Dew Point. °F. (23) | Visibility. 0-9 (24) | Cloud. Form. Low. (25) | Cloud. Form. Med. (26) | Cloud. Form. High. (27) | Cloud. Amount. Total. 0-9 (28) | Cloud. Amount. Low. A. 0-9 (29) | Cloud. Amount. Low. B. 0-9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0-9 (33) | Sea. 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 20.0 | -2 | NSW | 2 | 2 | 65 | 57 | 6 | 5 | – | – | 7 | 7 | – | 21 | – | 1 | * |
| Croydon ... | 20.5 | -2 | W | 1 | ebcp | 67 | 64 | 7 | 3 | 6 | – | 5 | 3 | 4 | 30 | – | 1 | * |
| Boscombe Down | 20.5 | -6 | NNE | 2 | b-bc | 73 | 53 | 8 | 3 | – | 3 | 3 | 2 | 2 | 25 | – | 0 | * |
| Thorney Island | 20.3 | -6 | SSW | 2 | 2 | 72 | 58 | 6 | 5 | – | – | 2 | 2 | – | 25 | – | 0 | * |
| Friston ... | | | | | | | | | | | | | | | | | | * |
| Lympne ... | 20.0 | -2 | NNE | 3 | bc | 71 | 55 | 7 | – | – | 9 | 4 | 2 | 4 | 200 | – | 0 | § 2 |
| Manston ... | 20.5 | -6 | NE'N | 3 | ebc | 64 | 58 | 7 | 5 | – | 6 | 5 | 3 | 5 | 12 | – | 0 | * |
| North Weald | 21.2 | 0 | SE | 4 | ebc | 71 | 51 | 7 | 8 | 6 | – | 5 | 4 | 2 | 35 | – | 0 | * |
| Felixstowe ... | 21.0 | -6 | NE | 3 | b-bc | 66 | 59 | 7 | – | – | 2 | 3 | 3 | – | 200 | – | 0 | 2 |
| Gorleston ... | 21.5 | -8 | N | 4 | 9jf | 63 | 61 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 0 | 2 |
| Mildenhall | 20.6 | -6 | NE'E | 3 | b-bc | 72 | 51 | 9 | – | – | 2 | 3 | 3 | – | 280 | – | 0 | * |
| Bircham Newton | 22.0 | -10 | ENE | 4 | bc | 61 | 57 | 8 | 5 | – | 2 | 4 | 3 | 3 | 8 | – | 0 | * |
| Cranwell ... | 21.5 | -6 | E | 2 | b | 63 | 57 | 8 | 1 | – | – | 2 | 2 | – | 30 | – | 0 | * |
| Cranfield ... | 20.6 | +10 | NNE | 2 | b-bc | 72 | 55 | 8 | 2 | – | – | 3 | 3 | – | 30 | – | 0 | * |
| Honiley ... | 20.5 | -22 | – | 0 | bc | 71 | 56 | 8 | 2 | – | – | 4 | 4 | – | 30 | – | 0 | * |
| Little Rissington | 20.4 | -10 | NE | 2 | b | 69 | 58 | 7 | 1 | – | – | 1 | 1 | – | 30 | – | 0 | * |
| Shobden ... | 21.1 | -2 | E | 2 | b | 73 | 52 | 7 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| Bristol ... | 20.8 | -8 | NNE | 2 | b | 74 | 50 | 8 | 1 | 4 | – | 1 | 1 | 1 | 35 | – | 0 | * |
| Chivenor ... | 20.8 | -2 | NE | 4 | b-bc | 74 | 51 | 8 | 2 | – | 1 | 3 | 2 | 3 | 30 | – | 0 | * |
| Yeovilton | 20.7 | -8 | N | 1 | b | 75 | 53 | 8 | 1 | – | – | 1 | 1 | – | 25 | – | 0 | * |
| Portland Bill | 21.0 | -6 | NSW | 2 | bc | 62 | 59 | 8 | 2 | – | – | 4 | 4 | – | 50 | – | 1 | 3 |
| Exeter ... | 20.5 | -10 | NE | 3 | b-bc | 75 | 53 | 7 | 4 | – | – | 3 | 3 | – | 30 | – | 0 | * |
| Plymouth ... | 21.5 | -8 | SSW | 2 | bc | 65 | 58 | 8 | 2 | 3 | – | 4 | 4 | 1 | 30 | 57 | 0 | 1 |
| St. Eval ... | 21.8 | -6 | WNW | 3 | b | 66 | 61 | 7 | – | 3 | – | 1 | 1 | – | – | – | 0 | * |
| The Lizard | 21.2 | -6 | SWW | 2 | 2 | 69 | 61 | 6 | 7 | – | – | 4 | 4 | – | 40 | – | 0 | 2 |
| Scilly, St. Marys | 22.1 | -6 | NNW | 1 | ebc | 67 | 63 | 6 | 5 | 4 | 5 | 5 | 2 | 4 | 20 | 57 | 0 | 2 |
| Fairwood ... | 21.3 | -6 | NNW | 1 | pr | 67 | 59 | 8 | 8 | 6 | – | 5 | 4 | 3 | 30 | – | 0 | * |
| Pembroke ... | 21.3 | -10 | – | 0 | b-bc | 69 | 59 | 7 | 1 | – | – | 3 | 3 | – | 25 | – | 0 | 2 |
| Aberporth ... | 21.7 | -6 | NNW | 2 | b | 66 | 55 | 7 | 5 | – | – | 1 | 1 | – | 65 | – | 0 | 0 |
| Penrhos ... | 20.8 | -10 | WNW | 3 | b-bc | 69 | 58 | 7 | 2 | 6 | – | 3 | 2 | 3 | 30 | – | 0 | 2 |
| Holyhead, Valley | 21.7 | -14 | NE | 1 | b | 71 | 60 | 7 | – | 3 | – | 1 | 1 | – | – | – | 0 | 1 |
| Hawarden ... | 20.9 | -10 | E | 2 | b-bc | 75 | 56 | 7 | 8 | – | – | 3 | 3 | – | 25 | – | 0 | * |
| Manchester | 20.9 | -8 | SE | 1 | b | 72 | 52 | 6 | – | – | 1 | 1 | 1 | – | 200 | – | 0 | * |
| Squires Gate | 21.0 | -10 | N | 3 | 2 | 71 | 54 | 6 | – | 6 | – | 1 | 1 | – | 150 | – | 0 | * |
| Silloth ... | 21.3 | -10 | WSW | 2 | b-bc | 70 | 55 | 8 | 2 | 6 | – | 3 | 1 | 3 | 40 | – | 0 | * |
| Ashbourne ... | 21.8 | -12 | ENE | 2 | b-bc | 70 | 56 | 7 | 1 | – | – | 3 | 3 | – | 20 | – | 0 | * |
| Snaith ... | 22.2 | -12 | E'S | 3 | b | 71 | 54 | 9 | – | 4 | – | 1 | 1 | – | 200 | – | 0 | * |
| Spurn Head | 23.3 | -8 | E'N | 2 | 2 | 57 | 54 | 6 | 5 | – | – | 8 | 8 | – | 3 | – | 0 | 1 |
| Catterick (Sc.) | 22.5 | -10 | NNE | 3 | 2 | 68 | 56 | 6 | 2 | – | 1 | 2 | 2 | – | 30 | – | 0 | * |
| Tynemouth | 23.5 | -12 | SE | 2 | b-bc | 60 | 56 | 7 | 2 | – | – | 3 | 3 | – | 20 | – | 0 | 2 |
| Acklington | 22.9 | -6 | SE | 3 | b-bc | 60 | 55 | 7 | 8 | – | 1 | 3 | 3 | 1 | 10 | 25 | 0 | |
| St. Abb's Head | 21.7 | -10 | SSE | 4 | b | 56 | 52 | 7 | 2 | 4 | – | 2 | 2 | – | 25 | – | 1 | 4 |
| Leuchars ... | 22.5 | -10 | E | 2 | 2 | 56 | 54 | 5 | 5 | – | – | 8 | 8 | – | 3 | – | 1 | * |
| Montrose ... | 23.7 | -6 | SE | 2 | 2 | 56 | 56 | 6 | 5 | – | – | 8 | 4 | 8 | 5 | 8 | 0 | * |
| Abbotsinch | 20.7 | -8 | NE | 1 | 2 | 70 | 63 | 6 | 2 | – | – | 1 | 1 | – | 35 | – | 1 | * |
| Prestwick ... | 21.2 | -8 | – | 0 | 2 | 70 | 60 | 6 | 2 | 6 | – | 2 | 2 | 1 | 35 | – | 0 | * |
| West Freugh | 20.9 | -12 | – | 0 | b | 69 | 61 | 7 | 2 | 6 | – | 2 | 1 | 1 | 30 | – | 0 | * |
| Eskdalemuir | 20.4 | -12 | SW | 2 | c | 74 | 55 | 8 | 5 | 1 | – | 6 | 5 | 6 | 24 | – | 0 | * |
| Jurby, I. of Man | 22.1 | -6 | W | 1 | b | 68 | 58 | 8 | – | 4 | – | 1 | – | 1 | – | – | 0 | * |
| Machrihanish | 20.8 | -8 | WS | 1 | bc | 67 | 59 | 7 | 8 | 8 | – | 4 | 3 | 3 | 30 | – | 0 | 1 |
| Tiree ... | 21.3 | -8 | WS | 1 | 2 | 63 | 58 | 6 | 5 | 3 | – | 7 | 3 | 4 | 25 | 40 | 0 | 1 |
| Oban ... | 20.8 | -12 | SW | 2 | 2 | 67 | 61 | 6 | 8 | – | – | 1 | 1 | – | 30 | – | 0 | 2 |
| Stornoway ... | 20.2 | -8 | N | 3 | 2 | 66 | 65 | 7 | 2 | 3 | 2 | 5 | 1 | 4 | 30 | – | 0 | 1 |
| Cape Wrath | 21.4 | -8 | ESE | 3 | ebc | 65 | 60 | 7 | 8 | 6 | – | 5 | 4 | – | 25 | – | 0 | 2 |
| Dalwhinnie | 21.3 | -6 | SSW | 2 | bc | 70 | 56 | 6 | 8 | – | – | 4 | 4 | – | 30 | – | 0 | * |
| Aberdeen ... | 22.4 | -8 | S | 3 | cjf | 55 | 54 | 4 | 5 | – | – | 8 | 8 | – | 1 | – | 0 | 2 |
| Fraserburgh | 22.3 | -6 | SE | 4 | 2 | 56 | 55 | 5 | 5 | – | – | 8 | 4 | 8 | 2 | 8 | 0 | * |
| Alness ... | 20.5 | -4 | E | 1 | 2 | 67 | 53 | 6 | 5 | 3 | – | 7 | 5 | 7 | 25 | – | 0 | * |
| Wick ... | 21.1 | -10 | SE | 1 | b-bcj | 61 | 58 | 7 | – | 3 | – | 3 | 3 | – | – | – | 0 | * |
| Hatston ... | 21.8 | -6 | S | 1 | m | 58 | 56 | 4 | 5 | 3 | – | 4 | 3 | 2 | 1 | – | * | * |
| Sumburgh ... | 22.6 | -10 | S | 2 | df | 55 | 55 | 3 | – | – | – | 9 | 9 | – | 0 | – | 1 | 1 |
| Sullom Voe | 22.3 | -4 | SE | 1 | 2 | 59 | 54 | 5 | 5 | – | – | 8 | 4 | 8 | 2 | 4 | 0 | * |
| Blacksod Point | 20.2 | -12 | SW | 4 | ebc | 63 | 51 | 8 | 8 | – | – | 5 | 5 | – | 25 | – | 0 | 3 |
| Malin Head | 21.2 | -6 | NE | 1 | c | 60 | 58 | 7 | 5 | – | – | 6 | 6 | – | 8 | – | 0 | 1 |
| Aldergrove | 21.2 | -8 | – | 0 | 2 | 69 | 63 | 6 | 8 | 7 | – | 6 | 4 | 6 | 35 | – | 0 | * |
| Cas. Archdale | 21.4 | -18 | – | 0 | ebc | 70 | 64 | 8 | 2 | 3 | – | 5 | 1 | 5 | 25 | – | 1 | * |
| Birr Castle ... | 20.1 | -10 | N | 1 | ebc | 74 | 59 | 8 | 8 | – | – | 5 | 5 | – | 25 | – | 1 | * |
| Collinstown | 20.8 | -14 | ESE | 2 | bc | 69 | 61 | 7 | 8 | 3 | – | 4 | 3 | – | 28 | – | 0 | * |
| Foynes ... | 20.4 | -8 | WN | 3 | ebc | 68 | 56 | 8 | 4 | 3 | – | 5 | 1 | – | 37 | – | 0 | * |
| Valentia ... | 21.3 | -8 | S | 3 | bc | 67 | 59 | 8 | 7 | 4 | – | 4 | 4 | – | 35 | – | 2 | 0 |
| Roches Point | 21.4 | -10 | S | 2 | b | 66 | 64 | 8 | – | 4 | 1 | 2 | – | – | – | – | 1 | 3 |

## PAST 24 HOURS

| Stations. | Weather. 06h.–12h. 6th (41) | Weather. 12h.–18h. 6th (42) | Weather. 18h. ... to 00h. 6th (43) | Weather. 00h.–06h. 7th (44) |
|---|---|---|---|---|
| Kew ... | cmoc | cfcrctlkqc | cmo | cbcmow |
| Croydon ... | cmo | ctlrctl | bcjpcmo | bcmo |
| Boscombe Down | bby | bc | bclybbc | bcbmobfg |
| Thorney Island | bby | bczo | bc-bcmo | bcwmobc |
| Friston ... | | | | |
| Lympne ... | ofcmob | bcbcy | bcmo | bcmoof |
| Manston ... | cmobc | bc | bccmo | cmo |
| North Weald | cidoczo | bccy | bczomobbmofgof | |
| Felixstowe ... | cmocbc | bc | bcc | cwbcmo |
| Gorleston ... | bc | ofg | c | offe |
| Mildenhall | cdomobc | bcbcyby | by bbc,mo | cmocm |
| Bircham Newton | cidomoc | bc | bcc | cmo |
| Cranwell ... | omocmobc | bcy | cmo | cmocmdf |
| Cranfield ... | c | cbbcy | bcybmo | of id. |
| Honiley ... | cmo | cmobcy | b | bofe |
| Little Rissington | omo cb | bcbzob | bbc | bbmo |
| Shobden ... | bwcmo | by | bybmo | bmow |
| Bristol ... | bmozy | by | bybw | bwbmobc |
| Chivenor ... | bwbcy | bcy | bybcbmo | bmofgw |
| Yeovilton | bzb | bc | bcbbzo | mb |
| Portland Bill | bc | bc | bc | bc |
| Exeter ... | bbcy | bcy | b | bbmo |
| Plymouth ... | bbc | bc | b | bwbmo |
| St. Eval ... | bmofb | bcb | bbcffw | FFe |
| The Lizard | bc | bcmz | bczo | bczo |
| Scilly, St. Marys | FFc | c | bc | bccif |
| Fairwood ... | bzob | bybcybc | bcprbmo | bmowbmo |
| Pembroke ... | bc | bcmo | bcmo | bcmo |
| Aberporth ... | bcbbc | bcb | * | bcw |
| Penrhos ... | bcfswbby | byb | bcbmo | bmofgw |
| Holyhead, Valley | b | byb | bzomow | bmobcfw |
| Hawarden ... | bmozobc | bcy | bcybczo | bmofgw |
| Manchester | bmozoy | bzy | bzomo | bmowbw |
| Squires Gate | bzoby | bzoczoy | bzoy | bcbmo |
| Silloth ... | bmozob | bbyb | bcb | bfqbw |
| Ashbourne ... | fefecmo | bzobc | bmow | bmowff |
| Snaith ... | cdomocb | by | bcmocm | cm |
| Spurn Head | oc | omo | omo | bc |
| Catterick (Sc.) | ofbcmo | bbybzo | bzobbcb | bcmoofc |
| Tynemouth | off | ocmobc | bcmo | bcmoff |
| Acklington | omc | cmobbc | bcmofgc | of |
| St. Abb's Head | oeff | fbcbmo | bbcbmo | bmoffc |
| Leuchars ... | dodomo | omom | omo | od.d.f |
| Montrose ... | ododomfomododofcmo | | cmo | omoom |
| Abbotsinch | cmobmo | bcmobcmo | bbmw | offcff |
| Prestwick ... | mobzoy | bmzymz | bzobmo | bmobcmo |
| West Freugh | bmob | bzob | bfgmo | bmfoco |
| Eskdalemuir | bfgw,bc | bcc | cmofw | ofbfgw |
| Jurby, I. of Man | bfgb | b | bbfg | bfgbcfg |
| Machrihanish | z | zbc | bcz | z |
| Tiree ... | cmobcmo | bmocmo | cmocmobc | bcwmoc |
| Oban ... | bmo | bzo | bmo | bcbcmof |
| Stornoway ... | bcmo | bczoczo | bczobccmocmobcmo | |
| Cape Wrath | bc | bc | cbc | c |
| Dalwhinnie | bczo | bc | * | bcF |
| Aberdeen ... | omcmojf | cojfomjf | omcmo | cmo |
| Fraserburgh | cmobcb | bccmo | cm | cmo |
| Alness ... | bmob | bbccmo | bmo | bcwmo |
| Wick ... | Fbmojf | Fbcjf | bcjfcmojf | cmojfff |
| Hatston ... | cfbc | bcbbcm | mf | |
| Sumburgh ... | fmc | idomof | odoff | ddffo |
| Sullom Voe | cmbcz | bcc | cfido | cfido |
| Blacksod Point | bc | bc | c | r |
| Malin Head | c | c | bc | c |
| Aldergrove | bzobcmo | bczmo | cmobcmobcmowc | |
| Cas. Archdale | cifc | cifc | bcb | bccmo |
| Birr Castle ... | c | c | * | c |
| Collinstown | r | c | bc | c |
| Foynes ... | c | c | bc | c |
| Valentia ... | bc | bc | c | r |
| Roches Point | bc | bc | bc | c |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present; B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

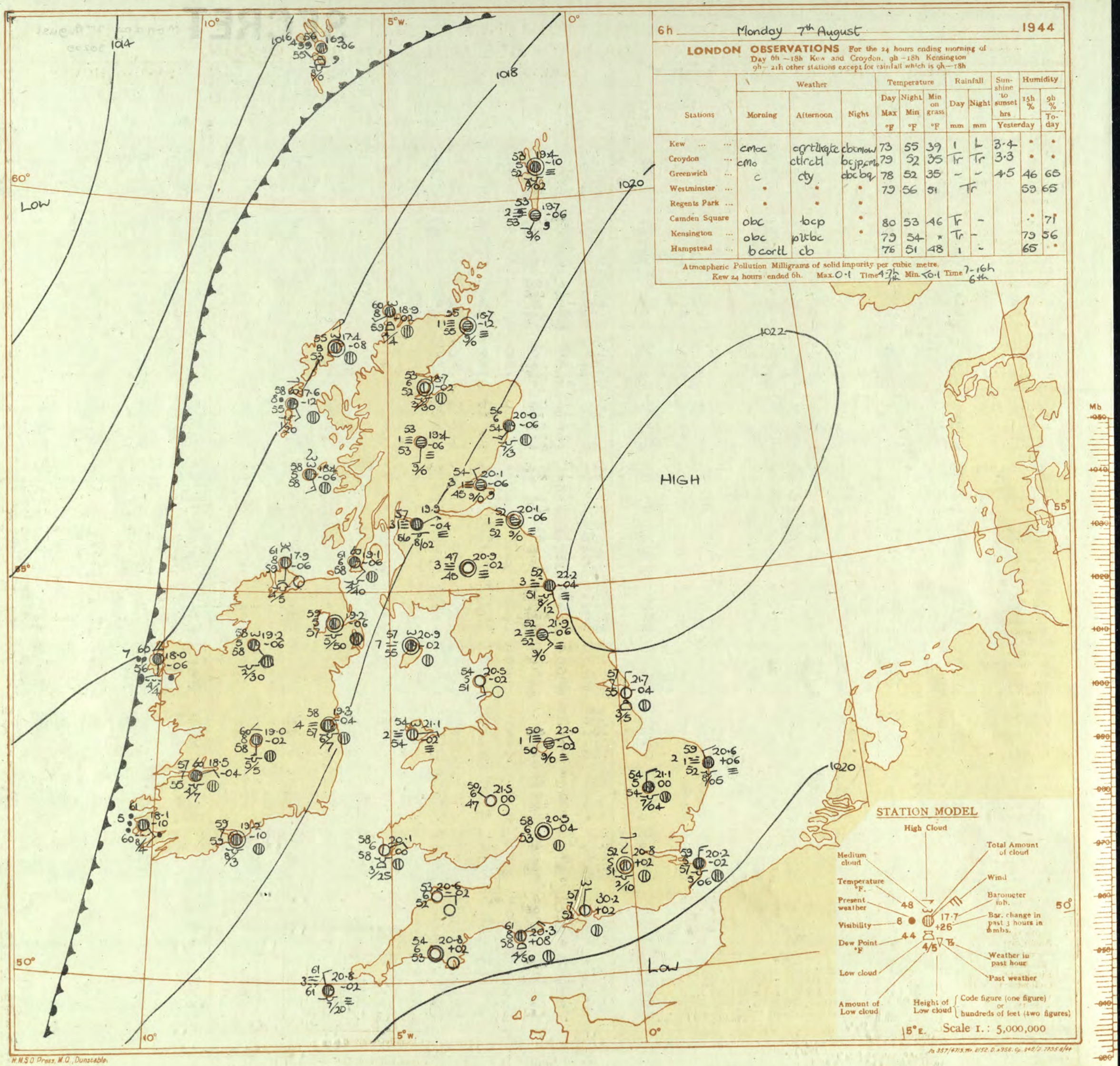
NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Monday 7th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of
Day 6h – 18h Kew and Croydon, 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs (Yesterday) | Humidity 15h % (Yesterday) | Humidity 9h % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | cmoc | cqrtlrqtc | cbcmow | 73 | 55 | 39 | 1 | L | 3·4 | • | • |
| Croydon ... | cmo | ctlrctl | bcjpcmo | 79 | 52 | 35 | Tr | Tr | 3·3 | • | • |
| Greenwich ... | c | cty | cbc bq | 78 | 52 | 35 | – | – | 4·5 | 46 | 65 |
| Westminster ... | • | • | • | 79 | 56 | 51 | Tr | | | 59 | 65 |
| Regents Park ... | • | • | • | | | | | | | | |
| Camden Square | obc | bcp | • | 80 | 53 | 46 | Tr | – | | • | 71 |
| Kensington ... | obc | plrbc | • | 79 | 54 | * | Tr | – | | 79 | 56 |
| Hampstead ... | b cortl | cb | | 76 | 51 | 48 | 1 | – | | 65 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·1 Time 7h 7th Min. <0·1 Time 7–16h 6th




H.M.S.O. Press, W.O., Dunstable.

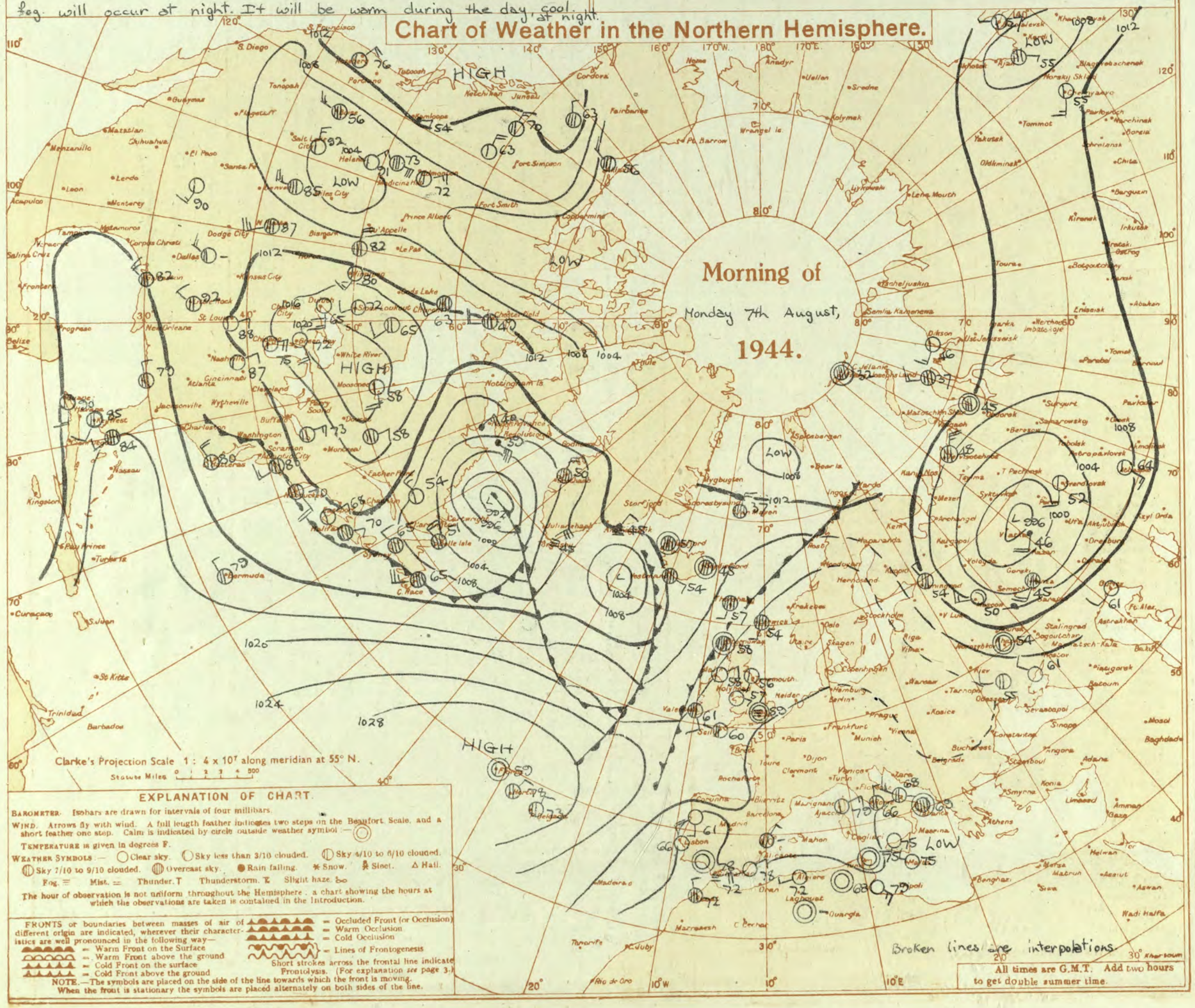
## GENERAL INFERENCE

A ridge of high pressure over England is moving slowly southeast and troughs of low pressure off West Ireland are moving east. Weather will be fair at first apart from local thunderstorms, but cloudy conditions with occasional rain will spread slowly east across Ireland and later Scotland. Local fog will occur at night. It will be warm during the day, cool at night.

## FURTHER OUTLOOK

Change for an unsettled type with local thundery rain.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

All times are G.M.T. Add two hours to get double summer time.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Monday 7th August 1944

No. 30209

## OBSERVATIONS at 00hr. G.M.T. 7th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force (4) | Weather. (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud. Form. Low. (9) | Form. Med. (10) | Form. High. (11) | Amount. Total 0–9 (12) | Low. A. 0–9 (13) | Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 61 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 21·4 | +4 | - | 0 | fg | 59 | 53 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Boscombe Down | 417 | 21·2 | +2 | N | 2 | bc | 59 | 55 | 7 | - | - | 6 | 4 | 4 | - | - | - |
| | Thorney Island | 10 | 20·5 | +2 | N | 2 | b-bc | 60 | 57 | 6 | 4 | 3 | 1 | 3 | 1 | 1 | 40 | - |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 20·9 | 0 | N'E | 3 | m | 58 | 57 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Manston ... | 140 | 20·7 | 0 | N'E | 3 | 2o | 61 | 59 | 5 | 5 | - | - | 6 | 4 | 6 | 4 | 8 |
| 2 | North Weald | 244 | 21·7 | -4 | – | 0 | 2o | 55 | 51 | 5 | 5 | - | - | 1 | 1 | - | 50 | - |
| | Felixstowe ... | 10 | 21·2 | +2 | NNW | 2 | c-bc | 59 | 57 | 7 | - | 3 | - | 5 | 5 | - | 80 | - |
| | Gorleston ... | 5 | 21·5 | -2 | N'W | 2 | c-bc | 60 | 57 | 7 | 8 | 7 | - | 5 | 4 | 3 | 10 | - |
| | Mildenhall | 15 | 21·6 | +2 | E'N | 2 | 2o | 55 | 55 | 5 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Bircham Newton | 221 | 22·0 | -2 | ENE | 3 | c | 56 | 55 | 5 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Cranwell ... | 203 | 22·4 | 0 | ESE | 2 | 2o | 55 | 54 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| 3 | Cranfield ... | 340 | 21·7 | +2 | NNE | 2 | 2o | 59 | 54 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| | Honiley ... | 427 | 21·7 | 0 | E | 2 | b | 57 | 52 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 4 | Little Rissington | 731 | 21·5 | +6 | ENE | 1 | b-bc | 59 | 55 | 7 | 5 | 4 | - | 3 | 3 | - | 50 | - |
| | Shobden ... | 318 | 22·1 | +2 | WNW | 2 | 2o | 53 | 49 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 5 | Bristol ... | 209 | 21·6 | +2 | - | 0 | b | 55 | 49 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Chivenor ... | 20 | 21·2 | -2 | ESE | 1 | 2o | 58 | 56 | 6 | - | 4 | - | 1 | 0 | 1 | - | - |
| | Yeovilton | 50 | 21·0 | +4 | - | 0 | 2o | 52 | 52 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Portland Bill | 32 | 20·2 | -6 | W | 1 | b-bc | 61 | 58 | 8 | 1 | - | - | 3 | 3 | - | 50 | - |
| | Exeter ... | 100 | 21·1 | +2 | - | 0 | b | 59 | 54 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Plymouth ... | 86 | 21·5 | -2 | - | 0 | b | 57 | 56 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | St. Eval ... | 345 | 21·8 | -4 | - | 0 | F | 60 | 59 | 0 | - | - | - | 9 | 9 | - | 0 | - |
| | The Lizard | 240 | 21·2 | 0 | - | 0 | 2o | 63 | 61 | 6 | 4 | - | - | 4 | 4 | - | 25 | - |
| | Scilly, St. Marys | 163 | 22·1 | 0 | NW | 1 | bc | 60 | 59 | 6 | 5 | 3 | - | 4 | 2 | 4 | 25 | - |
| 6 | Fairwood ... | 268 | 21·6 | 0 | NW | 2 | 2o | 58 | 56 | 6 | - | 3 | - | 2 | 2 | - | - | - |
| | Pembroke ... | 142 | 21·7 | 0 | - | 0 | 2o | 63 | 60 | 6 | - | 3 | - | 2 | 0 | 2 | - | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 21·0 | -2 | - | 0 | 2o | 58 | 56 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Holyhead, Valley | 32 | 21·9 | -2 | E'S | 1 | 2o | 57 | 54 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Hawarden | 15 | 21·5 | +2 | E. | 1 | 2o | 54 | 52 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 8 | Manchester | 230 | 21·6 | +2 | SE.E | 3 | b | 55 | 51 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Squires Gate | 30 | 21·5 | +2 | ESE | 2 | 2o | 57 | 54 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Silloth ... | 25 | 21·4 | -2 | NE | 2 | 2o | 55 | 54 | 6 | - | 3 | - | 1 | 1 | - | - | - |
| 9 | Ashbourne ... | 590 | 22·9 | +6 | NE | 2 | 2o | 55 | 52 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Snaith ... | 30 | 23·3 | +4 | ESE | 2 | m | 54 | 53 | 4 | 5 | - | - | 8 | 8 | - | 2 | - |
| 10 | Spurn Head | 29 | 23·0 | 0 | E'N | 3 | 2o | 56 | 55 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Catterick (Sc.) | 195 | 22·9 | +2 | S'E | 3 | b | 54 | 53 | 8 | - | 4 | - | 2 | 2 | - | - | - |
| | Tynemouth | 108 | 23·3 | -2 | SSW | 1 | 2o | 56 | 55 | 6 | - | 4 | - | 3 | 3 | - | - | - |
| | Acklington | 138 | 22·5 | 0 | - | 0 | fg | 54 | 54 | 6 | 5 | - | - | 7 | 7 | - | 8 | - |
| 11 | St. Abb's Head | 289 | 21·5 | +2 | S | 1 | 2o | 54 | 52 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Leuchars ... | 31 | 22·1 | -2 | - | 0 | 2o | 54 | 45 | 5 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Montrose ... | 22 | 23·2 | -4 | SSW | 1 | 2o | 55 | 53 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| 12 | Abbotsinch | 19 | 21·0 | +2 | ENE | 1 | m | 58 | 56 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Prestwick ... | 30 | 21·1 | -2 | – | 0 | 2o | 59 | 55 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| | West Freugh | 53 | 20·9 | -2 | - | 0 | fg | 55 | 54 | 6 | 5 | - | - | 3 | 3 | - | 50 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 21·6 | -2 | SE | 1 | fg | 56 | 53 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| 13A | Machrihanish | 35 | 20·5 | -4 | E'S | 1 | 2o | 63 | 58 | 6 | - | 3 | - | 6 | 6 | - | 9 | - |
| | Tiree ... | 44 | 20·4 | -4 | SE | 1 | b-bc | 57 | 56 | 7 | - | 3 | - | 3 | 3 | - | 10 | - |
| | Oban ... | 74 | 21·1 | -6 | - | 0 | 2o | 57 | 56 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 13B | Stornoway ... | 12 | 19·3 | -6 | - | 0 | 2o | 58 | 54 | 6 | 5 | 7 | - | 5 | 3 | 5 | 30 | - |
| | Cape Wrath | 367 | 20·5 | -4 | SW | 3 | c | 62 | 59 | 7 | 8 | - | - | 8 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 11·5 | -6 | SSE | 2 | 2o | 53 | 51 | 5 | 5 | - | - | 5 | 5 | - | 8 | - |
| | Fraserburgh | 76 | 21·4 | -2 | S'W | 4 | 2o | 53 | 53 | 5 | 5 | - | - | 7 | 7 | - | 5 | - |
| | Alness ... | 63 | 20·4 | +4 | - | 0 | 2o | 56 | 54 | 6 | 5 | - | - | 3 | 3 | - | 6 | - |
| | Wick ... | 114 | 20·5 | -6 | - | 0 | cjf | 55 | 55 | 6 | 5 | 7 | - | 7 | 3 | 7 | 2 | 40 |
| 16 | Hatston ... | 45 | 20·8 | -8 | - | 0 | jf | 53 | 52 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Sumburgh ... | 15 | 21·4 | -6 | SSW | 3 | df | 53 | 53 | 2 | - | - | - | 9 | 9 | - | 0 | - |
| | Sullom Voe | 12 | 21·2 | -6 | SSW | 1 | f/d | 54 | 54 | 3 | 5 | - | - | 8 | 8 | - | 0 | - |
| 17 | Blacksod Point | 18 | 19·4 | -10 | S'W | 3 | c | 61 | 59 | 7 | 6 | 2 | - | 7 | 5 | - | 15 | - |
| 18 | Malin Head | 84 | 20·1 | -6 | ENE | 1 | b-bc | 58 | 56 | 7 | - | 3 | - | 3 | 0 | - | - | - |
| | Aldergrove | 294 | 25·7 | -4 | - | 0 | 2o | 61 | 59 | 6 | 5 | 3 | - | 4 | 3 | 4 | 40 | - |
| | Cas. Archdale | 240 | 21·2 | -4 | SE | 1 | 2o | 58 | 55 | 6 | - | 3 | - | 2 | 0 | 2 | - | - |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 20·6 | -6 | - | 0 | 2o | 59 | 58 | 6 | - | 3 | - | 1 | 0 | - | - | - |
| 20 | Foynes ... | 3 | 20·3 | -6 | SSE | 1 | cjp | 57 | 55 | 8 | - | 3 | - | 6 | 0 | - | - | - |
| | Valentia ... | 30 | 20·5 | -6 | SE | 2 | 2o | 61 | 59 | 6 | 5 | 7 | - | 7 | 3 | - | 25 | - |
| | Roches Point | 22 | 21·2 | -2 | - | 0 | bc | 58 | 57 | 8 | - | 3 | - | 4 | 0 | - | - | - |

## OBSERVATIONS at 06hr. G.M.T. 7th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force (20) | Weather. (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility. 0–9 (24) | Cloud. Form. Low. (25) | Form. Med. (26) | Form. High. (27) | Amount. Total 0–9 (28) | Low. A. 0–9 (29) | Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 20·3 | 0 | N | 1 | 2o | 56 | 52 | 6 | 5 | 3 | - | 3 | 3 | 2 | 25 | - | 1 | * |
| Croydon ... | 20·8 | +2 | - | 0 | 2o | 52 | 51 | 5 | 5 | 4 | 1 | 4 | 2 | 4 | 10 | - | 1 | * |
| Boscombe Down | 26·9 | +2 | NE'N | 2 | fg | 55 | 52 | 7 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Thorney Island | 20·2 | +2 | NE | 1 | b-bc | 57 | 52 | 7 | - | 3 | - | 4 | 4 | - | 10 | - | 0 | * |
| Friston ... | | | | | | | | | | | | | | | | | | * |
| Lympne ... | 20·0 | -2 | N'W | 3 | cF+ | 57 | 57 | 1 | 5 | - | - | 7 | 6 | 7 | - | - | 0 | §2 |
| Manston ... | 20·2 | -2 | N'E | 3 | 2o | 59 | 57 | 5 | 5 | - | - | 5 | 5 | - | 6 | - | 0 | * |
| North Weald | 21·8 | -2 | NNW | 2 | F | 50 | 50 | 1 | 5 | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Felixstowe ... | 20·4 | -2 | NW | 3 | 2o | 57 | 56 | 6 | 5 | 3 | - | 5 | 4 | 4 | 10 | - | 0 | 3 |
| Gorleston ... | 20·6 | +6 | NNW | 2 | of+ | 59 | 52 | 2 | 5 | - | - | 8 | 8 | - | 5 | - | 0 | * |
| Mildenhall | 21·1 | 0 | N | 2 | 2o | 54 | 54 | 5 | 5 | - | - | 7 | 7 | - | 4 | - | 0 | * |
| Bircham Newton | 21·0 | -2 | NNE | 3 | 2o | 57 | 55 | 6 | 5 | - | - | 8 | 8 | - | 4 | - | 0 | * |
| Cranwell ... | 21·6 | -2 | – | 0 | df | 51 | 51 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Cranfield ... | 21·4 | +2 | NNE | 1 | F | 52 | 51 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Honiley ... | 21·3 | 0 | ENE | 2 | F | 50 | 50 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Little Rissington | 20·5 | -4 | - | 0 | 2o | 58 | 53 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Shobden ... | 21·5 | 0 | WNW | 1 | 2o | 50 | 47 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Bristol ... | 20·2 | -8 | - | 0 | 2o | 52 | 51 | 6 | - | 4 | - | 3 | 3 | - | - | - | 0 | * |
| Chivenor ... | 20·6 | -2 | E | 2 | 2o | 53 | 52 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Yeovilton | 20·8 | +2 | - | 0 | fg | 47 | 47 | 6 | 5 | - | - | 2 | 2 | - | 20 | - | 0 | * |
| Portland Bill | 20·3 | +8 | NE | 1 | bc | 61 | 58 | 8 | 1 | - | - | 4 | 4 | - | 50 | - | 1 | 3 |
| Exeter ... | 21·0 | +2 | - | 0 | 2o | 52 | 50 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Plymouth ... | 20·8 | +2 | - | 0 | b | 54 | 53 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | |
| St. Eval ... | 21·0 | -2 | - | 0 | F | 59 | 59 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| The Lizard | 19·9 | -4 | NNE | 2 | 2o | 61 | 56 | 6 | 5 | - | - | 5 | 5 | - | 25 | - | 0 | 2 |
| Scilly, St. Marys | 20·8 | -2 | NW'N | 1 | if | 61 | 61 | 3 | 5 | - | - | 7 | 7 | - | 20 | - | 0 | 2 |
| Fairwood ... | 20·9 | +2 | - | 0 | 2o | 57 | 55 | 6 | - | 4 | - | 1 | 1 | - | - | - | 0 | * |
| Pembroke ... | 20·1 | 0 | ENE | 1 | 2o | 58 | 58 | 6 | 7 | - | - | 3 | 3 | - | 25 | - | 0 | 2 |
| Aberporth ... | 20·6 | -4 | SSW | 2 | bc | 57 | 53 | 7 | 5 | 3 | - | 4 | 4 | 1 | 50 | - | 0 | 1 |
| Penrhos ... | 20·1 | 0 | - | 0 | cbojf | 59 | 58 | 6 | - | 3 | - | 5 | 5 | 1 | - | - | 0 | 1 |
| Holyhead, Valley | 21·1 | -2 | E | 1 | bcf | 54 | 54 | 2 | - | 3 | - | 4 | 4 | - | - | - | 0 | 1 |
| Hawarden | 20·7 | -2 | SE | 2 | m | 50 | 49 | 4 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Manchester | 20·8 | -2 | E'N | 2 | b | 51 | 50 | 8 | 1 | - | - | 1 | 1 | - | 20 | - | 0 | * |
| Squires Gate | 20·5 | -2 | SSE | 2 | 2o | 54 | 51 | 5 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Silloth ... | 20·6 | -2 | ENE | 2 | 2o | 51 | 51 | 6 | - | 3 | - | 2 | 2 | - | - | - | 1 | * |
| Ashbourne ... | 22·0 | -2 | ENE | 2 | F+ | 50 | 50 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Snaith ... | 22·2 | -2 | - | 0 | m | 54 | 52 | 4 | 5 | - | - | 8 | 8 | - | 7 | - | 0 | * |
| Spurn Head | 21·7 | -4 | N'W | 1 | b-bc | 57 | 55 | 7 | 2 | - | - | 3 | 3 | - | 25 | - | 0 | 1 |
| Catterick (Sc.) | 21·9 | -6 | SE | 3 | f | 52 | 52 | 2 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Tynemouth | 22·2 | -4 | SSE | 2 | of | 52 | 51 | 3 | 5 | - | - | 8 | 8 | - | 12 | - | 0 | 2 |
| Acklington | 21·0 | -2 | S | 3 | F- | 52 | 52 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| St. Abb's Head | 20·1 | -6 | - | 0 | f | 52 | 52 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | 1 |
| Leuchars ... | 20·1 | -6 | NW | 1 | f+ | 54 | 45 | 3 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Montrose ... | 21·3 | -6 | NW | 1 | m | 54 | 54 | 4 | 5 | - | - | 8 | 8 | - | 4 | - | 0 | * |
| Abbotsinch | 19·9 | -4 | E'N | 1 | of+ | 57 | 56 | 3 | 5 | - | - | 8 | 8 | - | 2 | - | 1 | * |
| Prestwick ... | 19·6 | -6 | - | 0 | 2o | 56 | 52 | 6 | 5 | 4 | - | 4 | 4 | 2 | 35 | - | 0 | * |
| West Freugh | 20·0 | -2 | ESE | 1 | 2o | 57 | 55 | 6 | 5 | - | - | 7 | 7 | - | 60 | - | 0 | * |
| Eskdalemuir | 20·9 | -2 | - | 0 | fg | 47 | 45 | 3 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Jurby, I. of Man | 20·9 | -2 | - | 0 | fg | 57 | 55 | 7 | - | 3 | - | 7 | 7 | - | 13 | - | 0 | * |
| Machrihanish | 19·1 | -6 | SE'E | 2 | 2o | 61 | 58 | 6 | 5 | 7 | - | 7 | 4 | 7 | 40 | - | 0 | 1 |
| Tiree ... | 18·4 | -6 | SSE | 3 | 2o | 58 | 58 | 5 | - | 3 | 9 | 6 | 5 | 2 | 10 | - | 1 | 2 |
| Oban ... | 19·3 | -4 | - | 0 | fg | 56 | 55 | 6 | 5 | 3 | 9 | 4 | 3 | 2 | 40 | - | 0 | 1 |
| Stornoway ... | 17·4 | -8 | - | 0 | bc | 55 | 53 | 8 | - | 3 | 4 | 4 | 4 | 3 | - | - | 0 | 0 |
| Cape Wrath | 18·9 | -2 | SW | 1 | c-bc | 60 | 59 | 8 | 2 | 3 | - | 5 | 4 | - | 15 | - | 1 | 2 |
| Dalwhinnie | 19·4 | -6 | S | 1 | F | 53 | 53 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Aberdeen† ... | 20·0 | -6 | SSW | 3 | 2o | 56 | 54 | 6 | 5 | - | - | 7 | 7 | - | 8 | - | 0 | * |
| Fraserburgh | 20·2 | +2 | S'W | 4 | 2o | 55 | 55 | 5 | 5 | - | - | 6 | 5 | 6 | 4 | 15 | 0 | * |
| Alness ... | 18·7 | -2 | - | 0 | 2o | 53 | 52 | 6 | 5 | - | - | 3 | 3 | - | 30 | - | * | * |
| Wick ... | 18·7 | -12 | - | 0 | F+ | 55 | 55 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Hatston ... | 18·8 | -8 | S'E | 3 | dF | 53 | 53 | 1 | - | - | - | 9 | 9 | - | 0 | - | * | * |
| Sumburgh ... | 19·7 | -6 | SSW | 2 | df | 53 | 53 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 | 1 |
| Sullom Voe | 19·4 | -10 | - | 0 | ojf | 53 | 52 | 5 | 5 | - | - | 8 | 8 | - | 2 | - | 0 | * |
| Blacksod Point | 18·0 | -6 | S | 2 | ro ro | 60 | 56 | 7 | 6 | 2 | - | 8 | 4 | - | 15 | - | 1 | 3 |
| Malin Head | 17·9 | -6 | S | 1 | c-bc | 61 | 60 | 8 | 4 | 6 | - | 5 | 4 | - | 25 | - | 0 | 1 |
| Aldergrove | 19·2 | -6 | - | 0 | 2o | 59 | 57 | 5 | 5 | - | - | 5 | 5 | - | 50 | - | 0 | * |
| Cas. Archdale | 19·2 | -6 | SE | 1 | 2o | 58 | 58 | 5 | 5 | 3 | - | 7 | 2 | 6 | 30 | - | 1 | * |
| Birr Castle ... | 19·0 | -2 | S | 1 | c | 60 | 58 | 8 | 5 | 1 | - | 8 | 5 | - | 25 | - | 0 | * |
| Collinstown | 19·3 | -4 | - | 0 | m | 58 | 57 | 4 | 5 | - | - | 6 | 6 | - | 55 | - | 0 | * |
| Foynes ... | 18·5 | -4 | ENE | 2 | c | 57 | 55 | 7 | 5 | 7 | - | 7 | 4 | - | 55 | - | 0 | * |
| Valentia ... | 18·1 | -10 | SE | 2 | iR | 61 | 60 | 5 | 6 | - | - | 8 | 8 | - | 15 | - | 1 | 2 |
| Roches Point | 19·2 | -10 | - | 0 | 0 | 59 | 58 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | 2 |

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h-18h °F. (35) | Min. Night 18h-6h °F. (36) | Min. on Grass °F. (37) | Rainfall. Day 6h-18h mm. (38) | Rainfall. Night 18h-6h mm. (39) | Sunshine 6th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 73 | 55 | 39 | 1 | - | 3·4 |
| Croydon ... | 79 | 52 | 45 | Tr | Tr | 3·3 |
| Boscombe Down | 76 | 53 | 49 | - | - | 12·7 |
| Thorney Island | 74 | 54 | 47 | - | - | * |
| Friston ... | | | | | | |
| Lympne ... | 76 | 57 | 53 | - | - | 9·6 |
| Manston ... | 70 | 58 | 56 | - | - | 8·7 |
| North Weald | 77 | 48 | * | * | * | * |
| Felixstowe ... | 72 | 56 | 54 | - | Tr | 12·2 |
| Gorleston ... | 67 | 57 | 55 | - | - | |
| Mildenhall | 76 | 53 | 48 | - | - | 10·1 |
| Bircham Newton | 64 | 55 | 55 | - | - | * |
| Cranwell ... | 75 | 51 | 50 | - | - | 10·6 |
| Cranfield ... | 74 | 52 | 49 | - | Tr | * |
| Honiley ... | 73 | 47 | 47 | - | Tr | * |
| Little Rissington | * | 50 | 48 | - | - | * |
| Shobden ... | 75 | 46 | 42 | - | - | * |
| Bristol ... | 76 | 49 | 40 | - | - | 13·1 |
| Chivenor ... | 80 | 53 | 47 | - | - | * |
| Yeovilton | 76 | 46 | 45 | - | - | * |
| Portland Bill | 67 | 58 | * | - | - | * |
| Exeter ... | 80 | 50 | 48 | - | - | * |
| Plymouth ... | 70 | 53 | 45 | - | - | 9·7 |
| St. Eval ... | 74 | 56 | 52 | - | 0·3 | * |
| The Lizard | 71 | 58 | * | - | - | 12·3 |
| Scilly, St. Marys | 69 | 59 | * | - | - | 5·6 |
| Fairwood ... | * | 55 | 47 | Tr | - | * |
| Pembroke ... | 70 | 55 | * | - | - | 12·5 |
| Aberporth ... | 72 | 54 | 44 | - | - | 12·0 |
| Penrhos ... | 77 | 50 | 33 | - | - | * |
| Holyhead, Valley | 75 | 52 | 46 | - | - | * |
| Hawarden | 78 | 50 | 33 | - | - | |
| Manchester | 77 | 49 | 44 | - | - | * |
| Squires Gate | 76 | 52 | 45 | - | - | * |
| Silloth ... | 72 | 50 | 43 | - | - | * |
| Ashbourne ... | 71 | 48 | 41 | - | - | * |
| Snaith ... | 74 | 53 | 45 | - | - | * |
| Spurn Head | 65 | 54 | * | - | - | 4·8 |
| Catterick (Sc.) | 74 | 51 | 46 | Tr | Tr | 7·0 |
| Tynemouth | 63 | 52 | 50 | - | - | * |
| Acklington | 63 | 52 | 52 | - | - | * |
| St. Abb's Head | 57 | 51 | * | - | Tr | * |
| Leuchars ... | 60 | 53 | 53 | - | 0·1 | 0·0 |
| Montrose ... | 56 | 54 | 54 | Tr | - | * |
| Abbotsinch | 78 | 56 | 52 | - | - | 7·8 |
| Prestwick ... | 77 | 54 | 52 | - | - | * |
| West Freugh | 69 | 50 | 45 | - | - | * |
| Eskdalemuir | 76 | 45 | 40 | - | - | 9·3 |
| Jurby, I. of Man | 78 | 52 | 47 | - | - | * |
| Machrihanish | 74 | 61 | 60 | - | - | * |
| Tiree ... | 69 | 54 | 45 | - | - | 6·8 |
| Oban ... | 76 | 56 | * | * | * | * |
| Stornoway ... | 72 | 55 | 47 | - | - | 6·9 |
| Cape Wrath | 67 | 58 | * | - | - | * |
| Dalwhinnie | 74 | 48 | 39 | - | - | 9·8 |
| Aberdeen† ... | 59 | 53 | 52 | - | - | |
| Fraserburgh | 65 | 53 | 52 | - | - | * |
| Alness ... | 73 | 50 | 42 | - | - | * |
| Wick ... | 62 | 53 | 51 | - | - | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 56 | 51 | 51 | - | 3 | 0·0 |
| Sullom Voe | 64 | 51 | 51 | - | Tr | * |
| Blacksod Point | 68 | 58 | * | - | 8 | * |
| Malin Head | 63 | 58 | * | - | - | 0·3 |
| Aldergrove | 73 | 57 | 54 | - | - | 7·4 |
| Cas. Archdale | 70 | 56 | 51 | 0·3 | Tr | * |
| Birr Castle ... | 76 | 56 | 52 | - | - | 6·2 |
| Collinstown | 74 | 56 | 46 | Tr | Tr | 4·5 |
| Foynes ... | 73 | 56 | 52 | - | - | 3·4 |
| Valentia ... | 71 | 60 | 55 | - | - | 8·2 |
| Roches Point | 67 | 57 | * | - | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Tuesday 8th August 1944

No. 30210

## OBSERVATIONS at 12h. G.M.T. 7th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F (6) | Dew Point °F (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A 0-9 (13) | Cloud Amount Low B 0-9 (14) | Height of Base Hundreds of feet A (15) | Height of Base B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 19.9 | -8 | NNW | 2 | b | 72 | 50 | 7 | 1 | – | – | 2 | 2 | – | 25 | – |
| | Croydon | 19.9 | -8 | NNW | 2 | zo | 72 | 48 | 6 | 1 | – | – | 1 | 1 | – | 30 | – |
| | Boscombe Down | 19.8 | -6 | SE'S | 1 | bc | 76 | 54 | 7 | 1 | – | – | 4 | 4 | – | 30 | – |
| | Thorney Island | 19.8 | 0 | SW | 3 | b-bc | 72 | 58 | 7 | 1 | 3 | – | 3 | 3 | 1 | 35 | – |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 19.8 | +2 | SSE | 2 | b | 66 | 61 | 7 | 1 | – | – | 2 | 2 | – | 25 | – |
| | Manston | 19.8 | -6 | N | 2 | zo | 66 | 56 | 6 | – | 3 | 8 | 2 | 2 | 1 | – | – |
| 2 | North Weald | 20.7 | -8 | NW | 3 | b | 72 | 45 | 7 | 1 | – | – | 1 | 1 | – | 25 | – |
| | Felixstowe | 20.2 | -2 | E'S | 3 | cbc | 72 | 61 | 7 | 2 | – | – | 5 | 4 | 5 | 35 | – |
| | Gorleston | 20.1 | -2 | NE | 3 | o | 63 | 61 | 7 | 5 | – | – | 8 | 8 | – | 10 | – |
| | Mildenhall | 19.8 | -10 | N | 2 | b-bc | 71 | 57 | 8 | 1 | 4 | – | 3 | 2 | 2 | 30 | – |
| | Bircham Newton | 20.3 | -4 | NE | 3 | bc | 65 | 56 | 8 | 5 | 3 | – | 4 | 3 | 3 | 10 | – |
| | Cranwell | 19.4 | -14 | ESE | 1 | b | 74 | 54 | 8 | 1 | 4 | – | 1 | 1 | 1 | 20 | – |
| 3 | Cranfield | 20.0 | -10 | NE | 1 | b | 69 | 48 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Honiley | 19.7 | -14 | – | 0 | b | 71 | 53 | 8 | 1 | – | – | 1 | 1 | – | 30 | – |
| 4 | Little Rissington | 19.2 | -8 | ENE | 2 | b-bc | 72 | 54 | 8 | 1 | – | – | 3 | 3 | – | 25 | – |
| | Shobden | 19.5 | -14 | WNW | 2 | b | 74 | 51 | 7 | 1 | – | – | 2 | 2 | – | 40 | – |
| 5 | Bristol | 20.0 | -6 | SE | 1 | bc | 76 | 53 | 7 | 1 | – | – | 4 | 4 | – | 40 | – |
| | Chivenor | 19.7 | -2 | W | 2 | cbcjf | 74 | 59 | 6 | 1 | – | 5 | 5 | 3 | 5 | 25 | – |
| | Yeovilton | 19.5 | -6 | NE | 1 | bc | 76 | 58 | 7 | 1 | – | 5 | 4 | 3 | 2 | 30 | – |
| | Portland Bill | 20.1 | -14 | SW | 1 | bc | 66 | 59 | 8 | 1 | – | – | 4 | 4 | – | 50 | – |
| | Exeter | 19.7 | -6 | S | 3 | bc | 77 | 57 | 7 | 1 | – | 5 | 4 | 4 | – | 25 | – |
| | Plymouth | 20.4 | -2 | SSW | 3 | cbc | 69 | 56 | 7 | 2 | – | 4 | 5 | 3 | 5 | 30 | – |
| | St. Eval | 20.5 | -2 | WNW | 2 | cjf | 65 | 62 | 5 | 2 | 8 | 7 | 6 | 3 | 3 | 20 | – |
| | The Lizard | 19.9 | 0 | SW | | zo | 69 | 62 | 6 | 1 | 6 | – | 4 | 4 | 2 | 30 | – |
| | Scilly, St. Marys | 20.7 | -2 | – | 0 | cbc | 69 | 63 | 6 | 5 | 4 | – | 5 | 2 | 4 | 12 | 72 |
| 6 | Fairwood | 20.1 | -2 | SSW | 3 | b-bcjf | 71 | 57 | 8 | 2 | – | 8 | 3 | 2 | – | 30 | – |
| | Pembroke | 20.2 | 0 | – | 0 | zo | 65 | 62 | 6 | 2 | 7 | – | 5 | 3 | 4 | 25 | – |
| | Aberporth | 19.8 | -2 | WNW | 3 | b-bc | 67 | 57 | 7 | 1 | 3 | – | 3 | 30 | 3 | 30 | – |
| 7 | Penrhos | 19.2 | -16 | SE | 3 | b-bc | 70 | 60 | 7 | – | 3 | 3 | 3 | 3 | 2 | – | – |
| | Holyhead, Valley | 20.2 | -6 | SSW | 2 | b-bc | 68 | 57 | 7 | – | 3 | 5 | 3 | 3 | 2 | – | – |
| | Hawarden | 19.0 | -8 | SE | 3 | b-bc | 79 | 61 | 7 | 1 | – | – | 3 | 3 | – | 30 | – |
| 8 | Manchester | 18.9 | -10 | WSW | 2 | zo | 75 | 56 | 6 | 2 | – | – | 2 | 2 | – | 35 | – |
| | Squires Gate | 19.2 | -6 | WNW | 3 | zo | 72 | 60 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Silloth | 18.9 | -12 | W | 3 | zo | 59 | 58 | 6 | 2 | – | – | 1 | 1 | – | 35 | – |
| 9 | Ashbourne | 20.0 | -16 | SSE | 1 | zo | 69 | 61 | 6 | 2 | – | – | 2 | 2 | – | 25 | – |
| | Snaith | 19.8 | -22 | SSE | 2 | b-bc | 69 | 56 | 7 | 1 | – | – | 3 | 3 | – | 30 | – |
| 10 | Spurn Head | 21.0 | -4 | E | 2 | b-bc | 64 | 63 | 7 | 2 | 4 | – | 3 | 2 | 1 | 15 | 72 |
| | Catterick (Sc.) | 20.6 | -10 | SE'S | 3 | zo | 62 | 57 | 5 | 5 | – | – | 6 | 6 | – | 9 | – |
| | Tynemouth | 20.4 | -4 | SE | 2 | m/f | 60 | 65 | 4 | 5 | – | – | 4 | 4 | – | 20 | – |
| | Acklington | 20.1 | -6 | SSE | 2 | zo | 63 | 55 | 5 | – | 3 | – | 2 | 2 | – | 150 | – |
| 11 | St. Abb's Head | 19.1 | -8 | SSE | 1 | m | 58 | 54 | 4 | 1 | – | – | 1 | 1 | – | 20 | – |
| | Leuchars | 19.0 | -10 | – | 0 | zo | 60 | 57 | 5 | 5 | – | – | 8 | 8 | – | 7 | – |
| | Montrose | 20.0 | -8 | SE | 2 | zo | 58 | 55 | 5 | 5 | – | – | 8 | 5 | 8 | 4 | 8 |
| 12 | Abbotsinch | 17.8 | -14 | – | 0 | zo | 71 | 61 | 5 | 5 | 3 | – | 4 | 3 | 4 | 30 | – |
| | Prestwick | 18.1 | -10 | W | 2 | zo | 74 | 57 | 6 | 2 | 3 | – | 4 | 2 | 4 | 30 | – |
| | West Freugh | 18.7 | -8 | SSE | 3 | b-bc | 68 | 57 | 7 | 2 | 3 | – | 3 | 1 | 3 | 25 | – |
| | Eskdalemuir | 17.7 | -10 | SSW | 2 | b | 72 | 55 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Jurby, I. of Man | 19.4 | -4 | WS | 3 | bc | 68 | * | 8 | 2 | 3 | – | 4 | 2 | 3 | 35 | – |
| 13A | Machrihanish | 17.6 | -10 | SE'S | 4 | bc | 67 | 59 | 7 | 1 | 7 | : | 4 | 2 | 4 | 25 | – |
| | Tiree | 17.5 | -6 | SSE | 3 | zo | 64 | 59 | 6 | 5 | 3 | 9 | 6 | 3 | 4 | 50 | – |
| | Oban | 18.0 | -6 | – | 0 | zo | 70 | 62 | 6 | 8 | – | – | 5 | 4 | 5 | 20 | 40 |
| 13B | Stornoway | 15.9 | -10 | S | 3 | c | 62 | 57 | 7 | 5 | 7 | – | 7 | 3 | 4 | 20 | 40 |
| | Cape Wrath | 17.3 | -14 | SW | 1 | cbc | 66 | 61 | 7 | 8 | 4 | – | 5 | 4 | – | 15 | – |
| 15 | Dalwhinnie | 17.0 | -10 | SW | 3 | bc | 71 | 54 | 7 | 8 | 6 | – | 4 | 3 | 4 | 28 | – |
| | Aberdeen | 18.6 | -8 | SW | 3 | zo | 58 | 55 | 6 | 5 | – | – | 7 | 7 | – | 8 | – |
| | Fraserburgh | 18.5 | -10 | SW | 4 | zo | 62 | 56 | 6 | 5 | – | – | 1 | 1 | – | 7 | – |
| | Alness | 16.3 | -18 | SW, | 3 | bc | 74 | 55 | 7 | 1 | 8 | 1 | 4 | 3 | 3 | 25 | – |
| | Wick | 17.4 | -6 | SE'S | 3 | m | 62 | 57 | 4 | 2 | – | 1 | 2 | 1 | 2 | 20 | – |
| 16 | Hatston | 17.3 | -10 | SSE | 2 | zo | 67 | 60 | 5 | 5 | – | – | 4 | 4 | – | 4 | – |
| | Sumburgh | 18.1 | -10 | S | 2 | df | 54 | 54 | 3 | – | – | – | 9 | 9 | – | 0 | – |
| | Sullom Voe | 17.7 | -8 | S | 2 | b | 58 | 55 | 7 | 5 | – | – | 7 | 4 | 7 | 3 | 15 |
| 17 | Blacksod Point | 16.6 | -4 | S | 3 | c | 64 | 57 | 7 | 6 | – | – | 8 | 8 | – | 8 | – |
| 18 | Malin Head | 16.5 | -12 | NNE | 1 | c | 56 | 46 | 7 | 5 | – | – | 6 | 6 | – | 25 | – |
| | Aldergrove | 17.4 | -12 | S | 2 | zo | 74 | 57 | 6 | 1 | 7 | 1 | 6 | 3 | 5 | 35 | – |
| | Cas. Archdale | 18.0 | -12 | SSE | 1 | c | 79 | 59 | 7 | 1 | 7 | 8 | 7 | 1 | 7 | 25 | – |
| 19 | Birr Castle | 17.1 | -14 | SSW | 1 | cbc | 73 | 60 | 8 | 4 | – | 4 | 5 | 5 | – | 25 | – |
| | Collinstown | 18.1 | -6 | WSW | 3 | c | 71 | 59 | 8 | 7 | 3 | 7 | 8 | 9 | – | 55 | – |
| 20 | Foynes | 17.4 | -6 | SE'E | 3 | c/pr | 65 | 60 | 7 | 8 | – | – | 7 | 7 | – | 22 | – |
| | Valentia | 17.9 | -2 | SW | 3 | cjp | 65 | 61 | 8 | 8 | – | – | 7 | 7 | – | 21 | – |
| | Roches Point | 18.0 | -4 | SW | 3 | bc | 67 | 65 | 8 | 3 | 3 | 1 | 4 | 3 | – | 15 | – |

## OBSERVATIONS at 18h. G.M.T. 7th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp °F (22) | Dew Point °F (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A 0-9 (29) | Cloud Amount Low B 0-9 (30) | Height of Base Hundreds of feet A (31) | Height of Base B (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 17.0 | -16 | WNW | 2 | b-bc | 77 | 48 | 8 | 1 | – | 6 | 3 | 2 | 2 | 28 | – | 0 | * |
| Croydon | 17.1 | -14 | WNW | 1 | b-bc | 76 | 46 | 9 | 1 | – | 1 | 3 | 3 | 1 | 35 | – | 0 | * |
| Boscombe Down | 18.3 | -10 | SSW | 3 | bc | 72 | 55 | 7 | 4 | – | 4 | 4 | 3 | 2 | 30 | – | 0 | * |
| Thorney Island | 18.2 | -14 | S | 3 | b | 68 | 62 | 7 | – | – | 1 | 1 | – | – | – | – | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 18.5 | 0 | SSE | 2 | zo | 63 | 59 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | §2 |
| Manston | 18.2 | -10 | E | 2 | zo | 65 | 59 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| North Weald | 17.9 | -10 | NW | 1 | b | 76 | 46 | 8 | 1 | – | – | 1 | 1 | 1 | 30 | – | 0 | * |
| Felixstowe | 18.5 | -8 | E'N | 3 | cbc | 64 | 61 | 7 | 5 | 6 | – | 5 | 5 | 3 | 8 | – | 0 | 2 |
| Gorleston | 19.1 | -8 | NE | 2 | c | 65 | 62 | 7 | 5 | 4 | – | 6 | 4 | 4 | 11 | 72 | 0 | 2 |
| Mildenhall | 17.3 | -12 | N | 2 | b | 74 | 56 | 9 | 4 | 4 | – | 2 | 2 | 1 | 35 | – | 0 | * |
| Bircham Newton | 18.1 | -12 | ENE | 3 | b | 67 | 57 | 8 | 1 | 3 | – | 2 | 1 | 2 | 25 | – | 0 | * |
| Cranwell | 17.2 | -12 | ESE | 2 | b-bc | 73 | 57 | 7 | 4 | – | – | 3 | 3 | – | 30 | – | 0 | * |
| Cranfield | 17.4 | -14 | NNE | 1 | b | 73 | 50 | 7 | 1 | 4 | – | 1 | 1 | 1 | 30 | – | 0 | * |
| Honiley | 16.8 | -14 | SSW | 3 | b | 75 | 48 | 8 | 1 | – | 1 | 2 | 1 | 2 | 30 | – | 0 | * |
| Little Rissington | 16.1 | -14 | ENE | 1 | bc | 73 | 51 | 8 | 1 | – | 1 | 4 | 3 | 2 | 25 | – | 0 | * |
| Shobden | 17.3 | -8 | WNW | 3 | c | 70 | 55 | 7 | 8 | 3 | – | 6 | 4 | 5 | 30 | – | 0 | * |
| Bristol | 17.8 | -6 | W | 2 | b-bc | 74 | 48 | 8 | 2 | – | 5 | 3 | 1 | 3 | 55 | – | 0 | * |
| Chivenor | 18.4 | -6 | NW | 3 | jf | 64 | 62 | 4 | 5 | – | – | 8 | 4 | 8 | – | – | 0 | * |
| Yeovilton | 27.8 | -6 | SW | 2 | bc | 72 | 59 | 7 | – | 7 | 5 | 4 | – | 4 | – | – | 0 | * |
| Portland Bill | 17.7 | -12 | SW | 1 | bc | 63 | 60 | 8 | 1 | – | – | 4 | 4 | – | 50 | – | 1 | 3 |
| Exeter | 18.4 | -4 | – | 0 | pr | 65 | 63 | 8 | 8 | 3 | – | 6 | 5 | 6 | 35 | 57 | 1 | * |
| Plymouth | 18.6 | -10 | SSW | 2 | cbc | 65 | 63 | 7 | 2 | 3 | – | 5 | 2 | 4 | 35 | 57 | 0 | 2 |
| St. Eval | 18.9 | -10 | WNW | 2 | bf+ | 64 | 62 | 2 | – | – | – | 0 | 0 | 0 | – | – | 0 | 4* |
| The Lizard | 18.5 | -8 | WN | 2 | zo | 65 | 61 | 6 | 7 | – | – | 5 | 5 | – | 30 | – | 0 | 2 |
| Scilly, St. Marys | 19.2 | -6 | WSW | 1 | cbc | 68 | 62 | 6 | 8 | 3 | – | 5 | 4 | 3 | 15 | 57 | 0 | 1 |
| Fairwood | 17.9 | -10 | NNW | 2 | c | 69 | 58 | 8 | 2 | 3 | 6 | 6 | 1 | 6 | 30 | – | 0 | * |
| Pembroke | 18.3 | -10 | W | 1 | zo | 64 | 62 | 6 | 2 | 6 | – | 5 | 4 | 4 | 25 | – | 0 | 2 |
| Aberporth | 17.9 | -12 | NNW | 1 | zo | 63 | 60 | 6 | 8 | 3 | – | 5 | 2 | 4 | 30 | 40 | 0 | 0 |
| Penrhos | 17.5 | -6 | SSW | 3 | cbc | 69 | 61 | 8 | 2 | 3 | 6 | 5 | 1 | 3 | 30 | – | 0 | 2 |
| Holyhead, Valley | 18.5 | -12 | SSW | 3 | cbc | 63 | 58 | 7 | 4 | 7 | 6 | 5 | 1 | 4 | 30 | – | 0 | 1 |
| Hawarden | 17.0 | -10 | NNW | 2 | c | 69 | 59 | 7 | 8 | 7 | – | 6 | 4 | 6 | 25 | – | 0 | * |
| Manchester | 16.4 | -10 | NW | 3 | b-bc | 75 | 56 | 7 | 2 | 3 | 1 | 3 | 2 | 3 | 40 | – | 0 | * |
| Squires Gate | 17.2 | -8 | NNW | 2 | bc | 66 | 59 | 7 | 2 | – | 6 | 4 | 1 | 4 | 30 | – | 0 | * |
| Silloth | 17.0 | -8 | SW | 3 | zo | 65 | 58 | 6 | 3 | 5 | 6 | 5 | 1 | 5 | 30 | – | 0 | * |
| Ashbourne | 16.9 | -16 | ESE | 1 | b-bc | 73 | 51 | 8 | 1 | 4 | 1 | 3 | 1 | 2 | 35 | – | 0 | * |
| Snaith | 17.3 | -10 | SSE | 1 | c | 73 | 56 | 7 | 4 | 5 | 9 | 6 | 1 | 5 | 25 | – | 0 | * |
| Spurn Head | 18.4 | -14 | SE | 4 | f+ | 61 | 58 | 2 | – | – | – | 9 | 9 | – | 0 | – | 0 | 2 |
| Catterick (Sc.) | 17.7 | -14 | SSE | 3 | zo | 68 | 62 | 5 | 5 | – | – | 4 | 4 | – | 45 | – | 0 | |
| Tynemouth | 18.1 | -16 | SE | 3 | zo | 60 | 55 | 6 | 2 | – | – | 3 | 3 | – | 20 | – | 0 | 2 |
| Acklington | 17.1 | -20 | SSE | 4 | b | 61 | 56 | 7 | – | 7 | – | 2 | 2 | – | 150 | – | 0 | |
| St. Abb's Head | 15.6 | -18 | SSE | 3 | bc | 57 | 55 | 7 | 3 | 7 | – | 4 | 3 | 3 | 30 | – | 0 | 3* |
| Leuchars | 16.1 | -16 | E | 1 | zo | 60 | 56 | 5 | 3 | 3 | 1 | 5 | 3 | 4 | 20 | – | 1 | * |
| Montrose | 17.6 | -14 | ESE | 1 | zo | 59 | 57 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| Abbotsinch | 15.2 | -14 | WSW | 2 | cbc | 69 | 56 | 8 | 8 | 7 | – | 5 | 3 | 4 | 20 | 40 | 0 | * |
| Prestwick | 15.6 | -14 | SSW | 3 | c | 71 | 54 | 8 | 2 | 3 | – | 7 | 2 | 7 | 25 | – | 0 | * |
| West Freugh | 16.4 | -12 | SSE | 2 | c | 65 | 58 | 7 | – | 7 | 7 | 8 | 4 | 8 | – | – | 0 | * |
| Eskdalemuir | 15.5 | -14 | SW'S | 3 | bc | 69 | 57 | 7 | 2 | 4 | 2 | 4 | 3 | 2 | 29 | – | 0 | * |
| Jurby, I. of Man | 17.4 | -14 | SW'S | 2. | c | 68 | 56 | 8 | – | 3 | 6 | 7 | 4 | 7 | 100 | – | 0 | * |
| Machrihanish | 14.8 | -16 | SE | 4 | c | 64 | 56 | 7 | 5 | 7 | – | 7 | 1 | 7 | 25 | – | 0 | 2 |
| Tiree | 15.2 | -14 | SW | 1 | c/r | 63 | 59 | 7 | 5 | 7 | – | 7 | 3 | 5 | 30 | – | 1 | 1 |
| Oban | 15.5 | -12 | SWW | 2 | zo | 67 | 60 | 7 | 5 | 7 | 7 | 8 | 1 | 3 | 30 | 40 | 0 | 2 |
| Stornoway | 15.6 | -14 | SSW | 3 | rr | 61 | 58 | 6 | 5 | 2 | – | 8 | 4 | 8 | 8 | 8 | 1 | 2 |
| Cape Wrath | 15.3 | -12 | SW | 1 | c | 62 | 60 | 7 | 5 | 2 | – | 7 | 4 | – | 15 | – | 0 | 1 |
| Dalwhinnie | 15.0 | -6 | SSW | 2 | c | 67 | 56 | 6 | 7 | 1 | – | 8 | 4 | 8 | 29 | – | 0 | * |
| Aberdeen | 16.0 | -14 | SE | 3 | bjf | 59 | 53 | 6 | 5 | – | 3 | 1 | 1 | – | 8 | – | 0 | 3 |
| Fraserburgh | 15.9 | -14 | SW | 4 | b-bcjp | 59 | 54 | 6 | 3 | – | 1 | 3 | 2 | 3 | 15 | 40 | 0 | * |
| Alness | 14.4 | -6 | SSW | 2 | zo | 66 | 61 | 6 | 5 | 7 | – | 8 | 5 | 8 | 30 | – | 0 | * |
| Wick | 13.2 | -12 | SSW | 1 | cbc | 64 | 59 | 7 | 8 | 6 | 2 | 5 | 3 | 4 | 20 | – | 0 | * |
| Hatston | 15.1 | -10 | SSE | 1 | zo | 65 | 59 | 6 | 2 | 3 | – | 5 | 3 | 4 | 25 | – | * | * |
| Sumburgh | 16.0 | -10 | SSW | 3 | f+ | 53 | 53 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 | 2 |
| Sullom Voe | 15.2 | -16 | SW | 2 | zo | 57 | 53 | 5 | 5 | – | – | 3 | 3 | – | 2 | – | 0 | * |
| Blacksod Point | 15.2 | -8 | SW | 4 | c | 62 | 60 | 7 | 8 | – | – | 8 | 8 | – | 15 | – | 1 | |
| Malin Head | 14.9 | -14 | NE | 1 | cbc | 61 | 56 | 8 | 5 | – | – | 5 | 5 | – | 15 | – | 0 | 1 |
| Aldergrove | 16.1 | -6 | S | 2 | cbc | 69 | 60 | 7 | 8 | 7 | 1 | 5 | 3 | 4 | 40 | 57 | 0 | * |
| Cas. Archdale | 15.1 | -14 | NW | 3 | c | 67 | 63 | 8 | 2 | 7 | 2. | 6 | 4 | 4 | 31 | – | 1 | * |
| Birr Castle | 15.3 | -14 | SSW | 1 | cbc | 67 | 62 | 8 | 8 | – | – | 5 | 5 | – | 15 | – | 0 | * |
| Collinstown | 15.3 | -14 | SNW | 3 | cbc | 69 | 61 | 8 | 2 | 3 | 3 | 5 | 3 | – | 40 | – | 0 | * |
| Foynes | 15.8 | -6 | WNW | 4 | b-bc | 67 | 58 | 8 | 8 | – | – | 3 | 3 | – | 58 | – | 0 | * |
| Valentia | 16.9 | -10 | SW | 3 | b-bc | 65 | 60 | 8 | 2 | 3 | – | 3 | 3 | – | 27 | – | 0 | 2 |
| Roches Point | 16.7 | -16 | SSW | 3 | c | 64 | 62 | 8 | 5 | – | – | 6 | 6 | – | 15 | – | 1 | 3 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 7th (41) | Weather 12h.–18h. 7th (42) | Weather 18h. 7th to 00h. 8th (43) | Weather 00h.–06h. 8th (44) |
|---|---|---|---|---|
| Kew | bcmoby | by | byb zow | of few |
| Croydon | bzoy | bzoyby | by bccy | czocmow |
| Boscombe Down | bbc | bcy | bcy, bczo | bcmowbc |
| Thorney Island | by | bzob | bm.bcm. | bwmobc |
| Friston | | | | |
| Lympne | b | bbmo | bmofg mw | bcfg wf |
| Manston | cbcbmo | bmozoy | bcmo cfe | OFecf |
| North Weald | bcb | by | byb, fofe | offe |
| Felixstowe | bcmobc | bcbbc | cmo | bcmocmo |
| Gorleston | o | bcc | cbzo | czo |
| Mildenhall | cmoc, b | bcy | czoc | bfFF |
| Bircham Newton | bc | bcbc | bccmo | bcF |
| Cranwell | cmobby | bybcy | bcbcmo | bcmocmo |
| Cranfield | oFomb | bby | bycmo | bcmo |
| Honiley | oFFebmo | oyby | bcybc | ccmo |
| Little Rissington | bmobby | bcy | bcbcw | bbcc |
| Shobden | bmoby | bc | cycbc | bccmo |
| Bristol | bmozoy | bcybcy | bycbcmo | bcmowc |
| Chivenor | bbcy jf | czo cifm | cifmobc | cmo jf |
| Yeovilton | bbz | bc | bcbbz | czff |
| Portland Bill | bc | bc | cbccmo | coff |
| Exeter | bmobycy | cmoycpr | bcmo | fbcmo |
| Plymouth | bcc | c | cprc | bcmow |
| St. Eval | fwcmoid | cmof | cffe | FFcm |
| The Lizard | bczo | bccmz | cmow | cbcw |
| Scilly, St. Marys | c | c | cbcw | c |
| Fairwood | bjf | bcyc yc | cbcbcm | bmbf, fof |
| Pembroke | bccmo | cmo | cmo | cw |
| Aberporth | bcb | bbccmo | * | b |
| Penrhos | czobczo | bcbcybc | ccmo | bcmofj |
| Holyhead, Valley | bc | bc | cbccmo | Febcc |
| Hawarden | bmbczozy | bcyc | ccmo | cmocm |
| Manchester | bwmozoy | bczoby | bzomo | cmobcm |
| Squires Gate | bzo | bzoybc | bczocmo | cmocfj |
| Silloth | bmobzo | bzobcczo | czoc | c |
| Ashbourne | cfcbcbzo | bzobcy | bcb | czocz |
| Snaith | cmcmozo | bczocy | cyccmo | bcmcm |
| Spurn Head | bc | f | bczo | bcmo |
| Catterick (Sc.) | ofcmo | cmoczo | bcmo, bcm | bcmcm |
| Tynemouth | ocff | bcmmo | bccm | cm |
| Acklington | offcbmo | bmob | bccmo | bccmo |
| St. Abb's Head | Ffbcm | bcmo | cbcmo | bccmo |
| Leuchars | omfmo | omdbcmo | bcmocmo | cmocfjr |
| Montrose | | omoidofmo | bmocmo | cmoofm |
| Abbotsinch | bcmo | bczocyc | proc | cidocmo |
| Prestwick | bcmozoy | bcyc | cycbcm | cmorc |
| West Freugh | cwmo cbc | bcc | cbcmoc | cmo,w ci |
| Eskdalemuir | bfgwbmow | bybcy | bcycmo | cmo,w |
| Jurby, I. of Man | cbc | bcc | cbcc | bcc |
| Machrihanish | zc | c | cz | zcd |
| Tiree | cmo | cmo, ciro | ccirocm | crorom.c |
| Oban | bccmo | bczoczo | ciromo pro | cth.mo |
| Stornoway | bccmo | cifocrrpm | crr, ciro/.ro | cm.ror.m |
| Cape Wrath | cbc | bbc | | |
| Dalwhinnie | Fbc | bctlrp | * | oir |
| Aberdeen | omfcmo | cmobmjf | bbcgmo | cmocpr |
| Fraserburgh | cmobmo | bmofjpmo | bcjfcmo | cmfcrr |
| Alness | bjfczobcy | bcycy | cmoroo | crormo |
| Wick | Fbm | bmocmjf | cmo | cmofcrom |
| Hatston | fm | bcc | ircbc | bcir |
| Sumburgh | dfffo | dofF | fdmoO | bcfmo |
| Sullom Voe | cmoO | cmo | cmcfz | cfmo |
| Blacksod Point | c | d | c | r |
| Malin Head | c | c | c | bc |
| Aldergrove | cmowzo | czoyczo | czocmo | cmoirc |
| Cas. Archdale | cmoc | cprc | cprororc | cbcc |
| Birr Castle | c | pr | * | c |
| Collinstown | c | c | bc | c |
| Foynes | pr | pr | b | bc |
| Valentia | c | bc | c | r |
| Roches Point | c | c | b | bc |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32. A = Lowest cloud present. B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

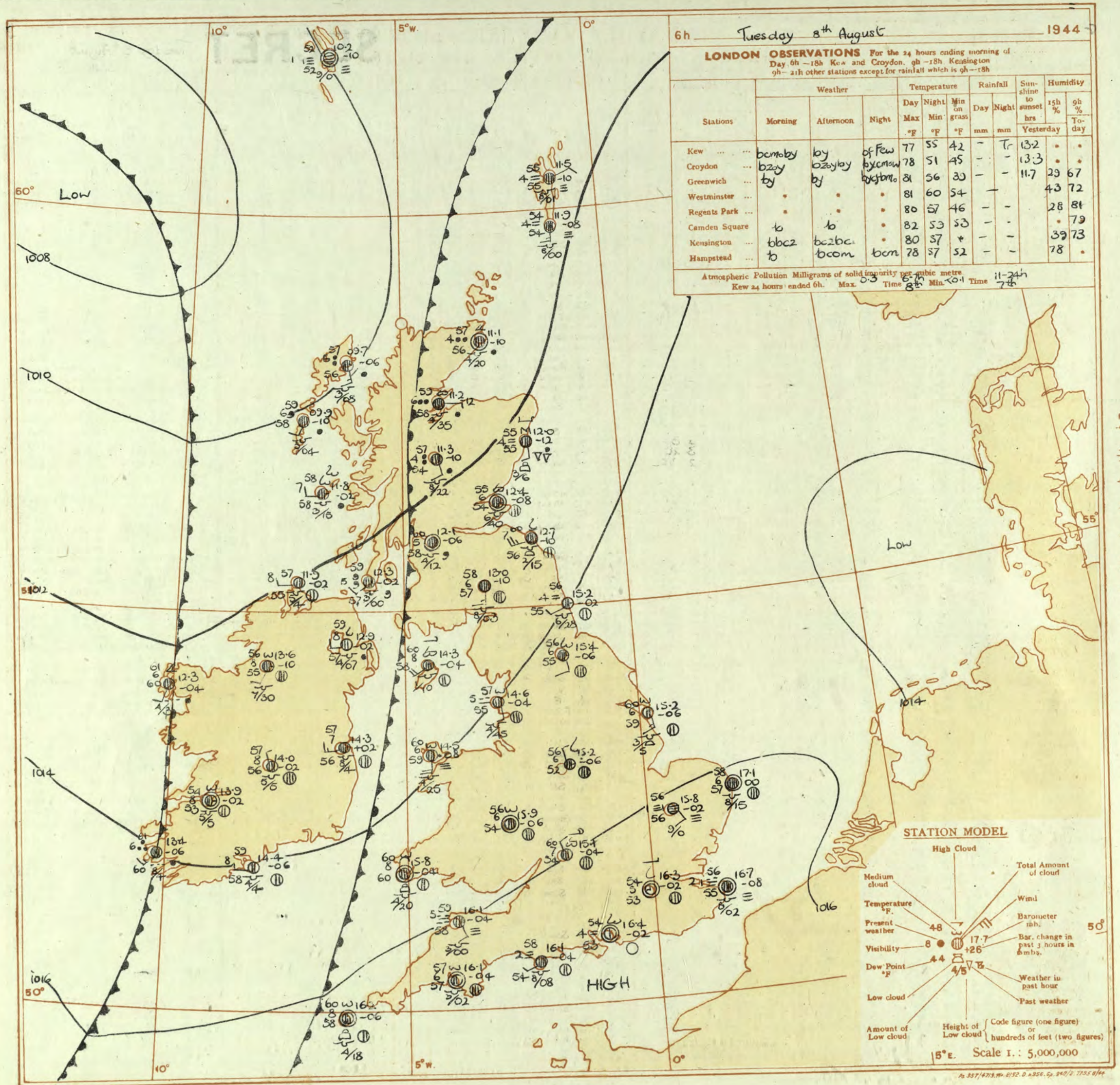
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Tuesday 8th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of .....
Day 6h – 18h Kew and Croydon. 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | bcmoby | by | of few | 77 | 55 | 42 | – | Tr | 13·2 | • | • |
| Croydon ... | bzoy | bzoyby | bycmow | 78 | 51 | 45 | – | – | 13·3 | • | • |
| Greenwich ... | by | by | bycbmo | 81 | 56 | 39 | – | – | 11·7 | 29 | 67 |
| Westminster ... | • | • | • | 81 | 60 | 54 | – | | | 43 | 72 |
| Regents Park ... | • | • | • | 80 | 57 | 46 | – | – | | 28 | 81 |
| Camden Square | b | b | • | 82 | 53 | 53 | – | – | | • | 79 |
| Kensington ... | bbc2 | bc2bc | • | 80 | 57 | * | – | – | | 39 | 73 |
| Hampstead ... | b | bcom | bcm | 78 | 57 | 52 | – | – | | 78 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·3 Time 6th 8th Min. <0·1 Time 11–24h 7th



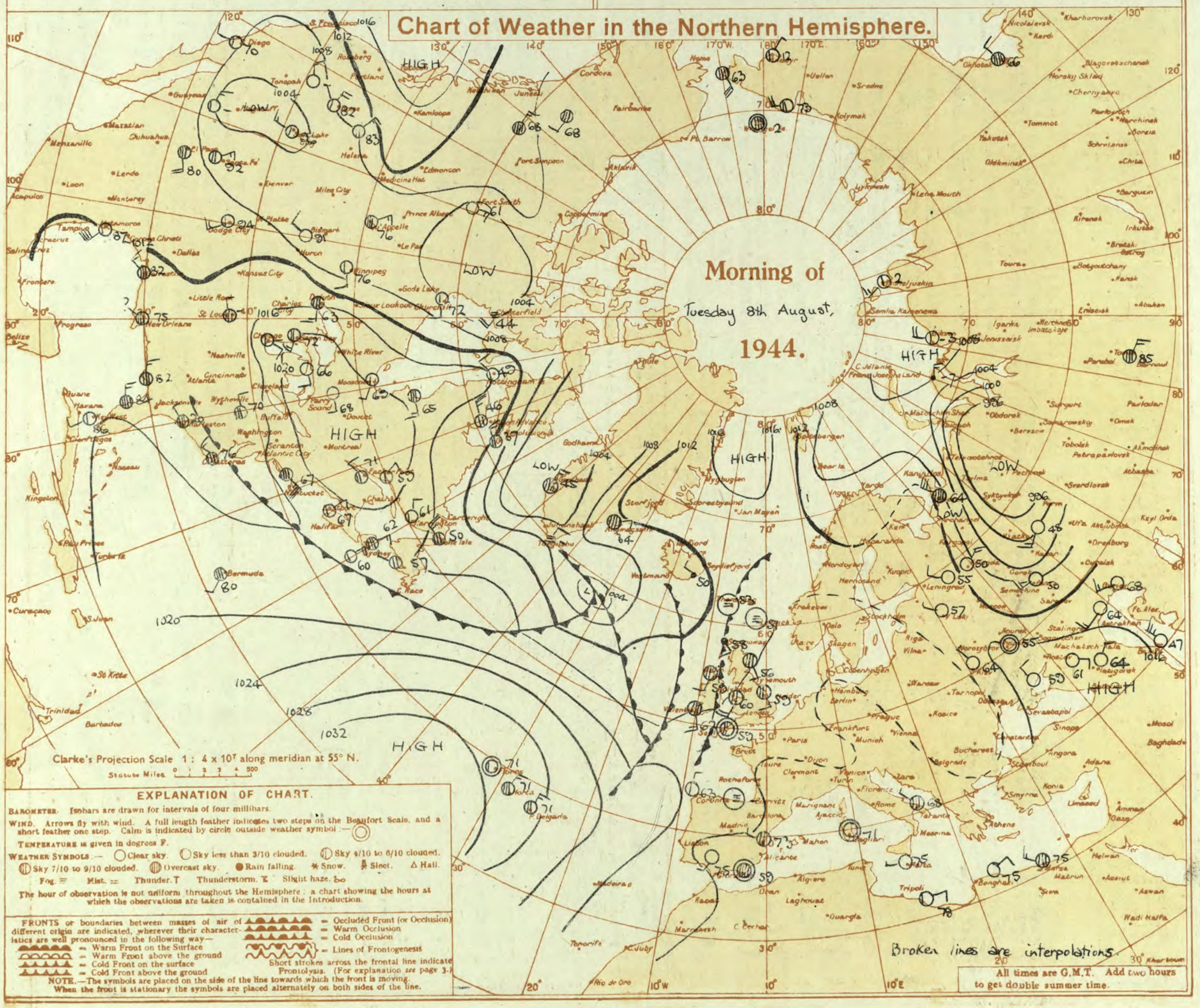

H.M.S.O. Press, M.O., Dunstable.

## GENERAL INFERENCE

Troughs of low pressure over the west of the British Isles are moving slowly east. Weather will be fine in the East and South at first but local thunderstorms or thundery rains are expected later. In the West and North there will be much cloud and occasional rain. It will be warm at first but will become cooler.

## FURTHER OUTLOOK

Unsettled; much cloud; occasional rain.




## EXPLANATION OF CHART.

**BAROMETER.** Isobars are drawn for intervals of four millibars.

**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

**TEMPERATURE** is given in degrees F.

**WEATHER SYMBOLS** :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere ; a chart showing the hours at which the observations are taken is contained in the Introduction.

**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- = Warm Front on the Surface
- = Warm Front above the ground
- = Cold Front on the surface
- = Cold Front above the ground
- = Occluded Front (or Occlusion)
- = Warm Occlusion
- = Cold Occlusion
- = Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Tuesday 8th August 1944

No 30210

## OBSERVATIONS at 00hr. G.M.T. 8th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force (4) | Weather. (5) | Temp. °F (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud. Form. Low. (9) | Cloud. Form. Med. (10) | Cloud. Form. High. (11) | Cloud. Amount. Total 0–9 (12) | Cloud. Amount. Low. A. 0–9 (13) | Cloud. Amount. Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 60 | * | * | * | * | 6 | * | 6 | * | * | - |
| | Croydon ... | 217 | 17.4 | -2 | - | 0 | c | 60 | 44 | 7 | - | - | 6 | 6 | 6 | - | - | - |
| | Boscombe Down | 417 | 17.5 | -4 | - | 0 | bc | 59 | 54 | 7 | 5 | - | 1 | 4 | 2 | 4 | 50 | - |
| | Thorney Island | 10 | 17.8 | -2 | - | 0 | 2o | 56 | 56 | 5 | - | - | 2 | 4 | 4 | - | - | - |
| | Friston ... | - | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 18.1 | -4 | ESE | 1 | bfg | 55 | 55 | 4 | - | - | 1 | 2 | 2 | - | 20 | - |
| | Manston ... | 140 | 18.4 | -2 | - | 0 | of | 58 | 57 | 1 | 5 | - | - | 8 | 8 | - | 1 | - |
| 2 | North Weald | 244 | 18.6 | 0 | E | 2 | F+ | 58 | 58 | 2 | - | - | - | 9 | 9 | - | 0 | - |
| | Felixstowe ... | 10 | 18.0 | -2 | - | 0 | 2o | 62 | 59 | 6 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Gorleston ... | 5 | 18.6 | 0 | - | 0 | 2o | 60 | 58 | 5 | 5 | - | - | 3 | 3 | - | 10 | - |
| | Mildenhall | 15 | 17.2 | -4 | SE | 2 | 2o | 59 | 59 | 5 | 5 | - | - | 8 | 8 | - | 1 | - |
| | Bircham Newton | 221 | 17.4 | -12 | ESE | 1 | bF+ | 55 | 55 | 1 | - | - | - | 0 | 0 | 0 | - | - |
| | Cranwell ... | 203 | 16.7 | -6 | SW | 2 | 2o | 55 | 55 | 6 | 5 | 3 | 2 | 3 | 2 | 3 | 40 | - |
| 3 | Cranfield ... | 340 | 17.3 | 0 | ESE | 1 | 2o | 60 | 52 | 6 | - | - | 4 | 5 | 5 | - | 200 | - |
| | Honiley ... | 427 | 16.6 | 0 | - | 0 | c-bc | 62 | 53 | 7 | - | 4 | - | 5 | 1 | 5 | - | - |
| 4 | Little Rissington | 731 | 16.4 | -6 | NNW | 1 | bc | 65 | 52 | 7 | - | - | 3 | 4 | 4 | - | 250 | - |
| | Shobden ... | 318 | 17.0 | -2 | WNW | 1 | bc | 58 | 53 | 7 | - | 3 | 8 | 4 | 4 | 3 | - | - |
| 5 | Bristol ... | 209 | 17.3 | -2 | - | 0 | 2o | 57 | 54 | 6 | - | - | 2 | 4 | 0 | 0 | - | - |
| | Chivenor ... | 20 | 17.6 | -2 | - | 0 | 2o | 62 | 61 | 6 | 5 | - | - | 5 | 3 | 5 | 3 | 25 |
| | Yeovilton | 50 | 17.6 | -2 | - | 0 | bcfg | 55 | 55 | 6 | 5 | 7 | 1 | 4 | 3 | 4 | 10 | - |
| | Portland Bill | 32 | 17.0 | -8 | W | 1 | c-bc | 60 | 56 | 8 | 5 | - | - | 5 | 5 | - | 50 | - |
| | Exeter ... | 100 | 17.6 | -2 | - | 0 | 2o | 59 | 59 | 6 | - | 4 | - | 2 | 2 | - | 70 | - |
| | Plymouth ... | 86 | 17.8 | -6 | - | 0 | 2o | 61 | 59 | 6 | - | 3 | - | 5 | 5 | - | - | - |
| | St. Eval ... | 345 | 18.3 | -6 | - | 0 | F | 60 | 59 | 0 | - | - | - | 9 | 9 | - | 0 | - |
| | The Lizard | 240 | 17.5 | -10 | WNW | 2 | 2o | 59 | 58 | 6 | 4 | - | - | 5 | 5 | - | 25 | - |
| | Scilly, St. Marys | 163 | 18.0 | -8 | - | 0 | bc | 59 | 58 | 7 | 5 | 3 | 3 | 4 | 3 | - | 15 | - |
| 6 | Fairwood ... | 268 | 17.7 | -2 | W | 1 | 2o | 60 | 58 | 5 | - | 3 | - | 4 | 4 | - | - | - |
| | Pembroke ... | 142 | 17.4 | -4 | - | 0 | c | 62 | 62 | 8 | 8 | - | - | 7 | 7 | - | 25 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 16.7 | -2 | - | 0 | 2o | 62 | 60 | 6 | 5 | - | - | 7 | 4 | 7 | - | 40 |
| | Holyhead, Valley | 32 | 17.1 | -4 | SSW | 4 | 2o | 60 | 60 | 6 | 5 | 7 | - | 4 | 3 | 3 | 40 | - |
| | Hawarden | 15 | 16.4 | -4 | E | 1 | 2o | 57 | 55 | 6 | 5 | 7 | - | 6 | 4 | 6 | 25 | - |
| 8 | Manchester | 230 | 16.6 | -4 | - | 0 | 2o | 59 | 56 | 6 | - | 7 | - | 7 | 7 | - | 120 | - |
| | Squires Gate | 30 | 16.4 | -6 | - | 0 | 2o | 63 | 58 | 6 | 5 | - | - | 7 | 7 | - | 60 | - |
| | Silloth ... | 25 | 16.1 | -6 | S | 2 | c | 59 | 54 | 7 | - | 3 | - | 6 | 6 | - | 80 | - |
| 9 | Ashbourne ... | 590 | 16.3 | -6 | ENE | 1 | 2o | 59 | 53 | 6 | - | 4 | - | 4 | 4 | - | 120 | - |
| | Snaith ... | 30 | 17.0 | -2 | SSE | 2 | 2o | 59 | 55 | 6 | 5 | 7 | - | 8 | 4 | 5 | 45 | - |
| 10 | Spurn Head | 29 | 17.3 | -8 | SSE | 2 | bc | 59 | 56 | 6 | 7 | 3 | - | 4 | 3 | 2 | 15 | 72 |
| | Catterick (Sc.) | 195 | 16.9 | 0 | SSE | 2 | m | 57 | 57 | 4 | - | 4 | 5 | 4 | 1 | 4 | 10 | - |
| | Tynemouth | 108 | 17.2 | -6 | SE | 2 | m | 57 | 56 | 4 | 2 | - | - | 5 | 5 | - | 15 | - |
| | Acklington | 138 | 16.1 | -6 | - | 0 | 2o | 53 | 53 | 6 | - | 7 | 5 | 5 | 4 | 5 | 15 | - |
| 11 | St. Abb's Head | 280 | 14.2 | -12 | SW | 5 | 2o | 53 | 56 | 6 | 4 | 4 | - | 5 | 3 | 4 | 25 | - |
| | Leuchars ... | 31 | 14.7 | -8 | - | 0 | 2o | 53 | 53 | 5 | 5 | - | - | 6 | 6 | - | 40 | - |
| | Montrose ... | 22 | 15.8 | -10 | NNW | 1 | 2o | 54 | 54 | 5 | 5 | - | - | 7 | 7 | - | 4 | - |
| 12 | Abbotsinch | 19 | 14.4 | -4 | - | 0 | 2o | 62 | 55 | 6 | 5 | 3 | - | 7 | 4 | 4 | 30 | - |
| | Prestwick ... | 30 | 14.6 | -4 | ESE | 1 | 2o | 62 | 56 | 6 | 5 | 7 | - | 8 | 3 | 5 | 25 | 40 |
| | West Freugh | 53 | 14.8 | -6 | SE | 3 | 2o | 59 | 58 | 5 | 5 | 3 | - | 6 | 5 | 2 | 8 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 15.5 | -6 | SSW | 4 | bc | 64 | 57 | 8 | - | 7 | - | 4 | 4 | - | - | - |
| 13A | Machrihanish | 35 | 14.0 | -6 | E'S | 2 | 2o | 61 | 58 | 6 | 5 | 7 | - | 5 | 3 | 5 | 30 | - |
| | Tiree ... | 44 | 15.7 | -4 | SSE | 1 | 2o | 59 | 57 | 6 | 5 | 1 | - | 8 | 5 | 8 | 40 | - |
| | Oban ... | 74 | 13.8 | -10 | - | 0 | pr | 60 | 59 | 6 | 8 | 3 | - | 6 | 5 | 2 | 30 | - |
| 13B | Stornoway ... | 12 | 12.1 | -8 | SSE | 2 | r.r. | 58 | 57 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 25 |
| | Cape Wrath | 367 | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 14.6 | -10 | SSE | 1 | 2o | 56 | 54 | 5 | 5 | 3 | - | 7 | 3 | 5 | 9 | 15 |
| | Fraserburgh | 76 | 14.6 | -10 | S'W | 3 | 2o | 56 | 55 | 5 | 5 | 7 | - | 8 | 6 | 8 | 4 | - |
| | Alness ... | 63 | 13.2 | -6 | - | 0 | r.r. | 59 | 57 | 6 | 5 | 7 | - | 8 | 4 | 8 | 30 | - |
| | Wick ... | 114 | 14.0 | -6 | SW | 1 | 2o | 58 | 56 | 5 | 5 | 7 | - | 4 | 3 | 4 | 30 | - |
| 16 | Hatston ... | 45 | 13.4 | -8 | W | 4 | m | 59 | 57 | 4 | 5 | 7 | - | 4 | 3 | 3 | 10 | - |
| | Sumburgh ... | 15 | 13.8 | -16 | S | 2 | 2o | 55 | 55 | 5 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Sullom Voe | 12 | 14.0 | -6 | - | 0 | c-bcf | 51 | 51 | 1 | 5 | - | - | 5 | 5 | - | 0 | - |
| 17 | Blacksod Point | 18 | 13.8 | -14 | SSW | 3 | c-bc | 61 | 59 | 7 | 5 | - | 5 | 5 | 5 | - | 15 | - |
| 18 | Malin Head | 84 | 13.4 | -6 | SSW | 1 | c | 59 | 57 | 8 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Aldergrove | 294 | 13.9 | -6 | SSE | 3 | 2o | 63 | 60 | 6 | 5 | 3 | - | 5 | 3 | 4 | 18 | 25 |
| | Cas. Archdale | 240 | 15.0 | -2 | WSW | 2 | c | 59 | 59 | 8 | 5 | 7 | - | 6 | 5 | 6 | 20 | - |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 15.1 | -4 | SW | 2 | c-bc | 59 | 57 | 8 | 7 | 3 | - | 5 | 4 | - | 35 | - |
| 20 | Foynes ... | 3 | 15.8 | -2 | - | 0 | m | 53 | 52 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Valentia ... | 30 | 15.7 | -10 | S'E | 3 | c | 62 | 60 | 8 | 5 | 3 | - | 6 | 5 | - | 11 | - |
| | Roches Point | 22 | 16.3 | 0 | W'S | 2 | b | 60 | 59 | 8 | 5 | 4 | - | 2 | 1 | - | 25 | - |

## OBSERVATIONS at 06hr. G.M.T. 8th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force. (20) | Weather. (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility. 0–9 (24) | Cloud. Form. Low. (25) | Cloud. Form. Med. (26) | Cloud. Form. High. (27) | Cloud. Amount. Total 0–9 (28) | Cloud. Amount. Low. A. 0–9 (29) | Cloud. Amount. Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 15.9 | 0 | - | 0 | F- | 56 | 56 | 1 | - | - | - | 9 | e | - | 0 | - | 0 | * |
| Croydon ... | 16.3 | -2 | - | 0 | 2o | 54 | 53 | 5 | - | 4 | 1 | 2 | 1 | 1 | - | - | 0 | * |
| Boscombe Down | 17.6 | 0 | W | 1 | bcfg | 55 | 52 | 5 | - | 3 | 2 | 4 | 3 | 3 | 100 | - | 0 | * |
| Thorney Island | 16.4 | -2 | - | 0 | m | 54 | 53 | 4 | - | - | 9 | 3 | 3 | - | - | - | 0 | * |
| Friston ... | | | | | | | | | | | | | | | | | | * |
| Lympne ... | 16.5 | -4 | - | 0 | m/F | 58 | 58 | 4 | - | - | 1 | 1 | 1 | - | 220 | - | 0 | §2 |
| Manston ... | 16.7 | -8 | - | 0 | of+ | 56 | 55 | 2 | 5 | - | - | 8 | 8 | - | 2 | - | 0 | * |
| North Weald | 17.4 | -4 | SE | 1 | F | 53 | 53 | 0 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Felixstowe ... | 16.3 | -2 | - | 0 | 2o | 60 | 58 | 6 | 5 | - | - | 7 | 6 | 3 | 3 | 40 | 0 | 1 |
| Gorleston ... | 17.1 | 0 | - | 0 | 2o | 58 | 57 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 0 | 2 |
| Mildenhall | 15.8 | -2 | SE | 2 | F- | 56 | 56 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Bircham Newton | 15.8 | -4 | ESE | 1 | bcF | 52 | 52 | 1 | 5 | - | 2 | 4 | 4 | 1 | - | - | 1 | * |
| Cranwell ... | 15.0 | -4 | - | 0 | 2o | 54 | 53 | 6 | - | 3 | 1 | 6 | 6 | - | - | - | 1 | * |
| Cranfield ... | 15.8 | -2 | - | 0 | b-bcfg | 54 | 51 | 6 | - | - | 9 | 3 | 3 | - | 200 | - | 0 | * |
| Honiley ... | 15.2 | -6 | - | 0 | 2o | 59 | 54 | 6 | 5 | 3 | - | 7 | 4 | 7 | 40 | - | 0 | * |
| Little Rissington | 15.1 | -4 | NW | 1 | c-bc | 60 | 54 | 7 | - | 7 | 2 | 5 | 5 | 3 | 100 | - | 0 | * |
| Shobden ... | 15.9 | -6 | - | 0 | 2o | 56 | 54 | 6 | - | 3 | - | 5 | 5 | - | 70 | - | 0 | * |
| Bristol ... | 16.4 | -2 | W | 1 | 2o | 60 | 58 | 6 | - | 5 | 9 | 6 | 5 | 2 | - | - | 0 | * |
| Chivenor ... | 16.1 | -4 | SSE | 2 | if | 59 | 58 | 5 | 5 | - | - | 8 | 3 | 8 | - | 5 | 0 | * |
| Yeovilton | 16.3 | -2 | - | 0 | F- | 55 | 55 | 1 | - | - | - | 9 | 5 | - | 0 | - | 0 | * |
| Portland Bill | 16.1 | -4 | SW'W | 1 | F | 58 | 54 | 2 | 5 | - | - | 8 | 8 | - | 8 | - | 0 | 3 |
| Exeter ... | 16.4 | -4 | - | 0 | F- | 58 | 57 | 3 | - | - | - | 9 | 9 | - | 0 | - | 0 | |
| Plymouth ... | 16.1 | -4 | - | 0 | 2o | 57 | 57 | 6 | 5 | 3 | 5 | 4 | 3 | 1 | 2 | 25 | 0 | 1 |
| St. Eval ... | 16.6 | -2 | SE | 1 | c-bc/F | 58 | 57 | 5 | 5 | 7 | 9 | 5 | 4 | 5 | 3 | - | 1 | * |
| The Lizard | 15.7 | -12 | - | 0 | 2o | 59 | 55 | 5 | 7 | - | - | 4 | 5 | - | 30 | - | 1 | 2 |
| Scilly, St. Marys | 16.2 | -6 | - | 0 | c-bc | 60 | 58 | 8 | 8 | 3 | - | 5 | 4 | 4 | 18 | 57 | 0 | 1 |
| Fairwood ... | 16.3 | -2 | - | 0 | of+ | 59 | 59 | 1 | 5 | - | - | 8 | 8 | - | 0 | - | 0 | |
| Pembroke ... | 15.8 | -4 | - | 0 | c-bc | 60 | 60 | 8 | 8 | 6 | - | 5 | 4 | 3 | 20 | - | 0 | 2 |
| Aberporth ... | 15.8 | -12 | SSW | 3 | b | 57 | 56 | 8 | 5 | - | - | 2 | 2 | - | 35 | - | 1 | 2 |
| Penrhos ... | 14.8 | -4 | S | 3 | 2o | 61 | 59 | 6 | 5 | - | - | 7 | 5 | 7 | 6 | 40 | 0 | 2 |
| Holyhead, Valley | 14.5 | -8 | S | 4 | 2o | 60 | 59 | 6 | 5 | 3 | - | 5 | 4 | 3 | 25 | - | 0 | 2 |
| Hawarden | 15.2 | -2 | S | 1 | m | 55 | 55 | 4 | 5 | 7 | 9 | 5 | 3 | 4 | 30 | - | 0 | * |
| Manchester | 15.6 | -2 | S'W | 2 | m | 58 | 56 | 4 | 5 | 5 | - | 7 | 5 | 3 | 50 | - | 0 | * |
| Squires Gate | 14.6 | -4 | SSE | 1 | c-bcfg | 57 | 55 | 5 | 5 | 3 | - | 5 | 4 | 3 | 45 | - | 0 | |
| Silloth ... | 14.2 | -2 | S | 3 | c | 60 | 57 | 8 | 5 | 7 | 1 | 7 | 5 | 5 | 9 | - | 0 | * |
| Ashbourne ... | 15.2 | -6 | NW | 1 | 2o | 56 | 52 | 6 | - | 4 | - | 6 | 4 | 4 | 120 | - | 0 | * |
| Snaith ... | 15.5 | -4 | - | 0 | 2o | 57 | 55 | 5 | 5 | 3 | - | 8 | 4 | 7 | 50 | - | 0 | * |
| Spurn Head | 15.2 | -6 | SSE | 3 | 2o | 60 | 59 | 6 | 7 | 3 | - | 4 | 3 | 3 | 25 | 72 | 1 | 3 |
| Catterick (Sc.) | 15.4 | -6 | SSE | 2 | 2o | 56 | 55 | 6 | - | 5 | - | 7 | 7 | - | 90 | - | 0 | * |
| Tynemouth | 15.2 | -2 | SW | 1 | m | 56 | 55 | 4 | 5 | - | - | 6 | 6 | - | 28 | - | 0 | 2 |
| Acklington | 14.0 | -8 | WNW | 3 | 2o | 58 | 55 | 6 | 5 | 3 | - | 7 | 3 | 6 | 25 | - | 0 | * |
| St. Abb's Head | 12.7 | -10 | SW | 5 | c | 60 | 56 | 7 | 7 | 4 | - | 8 | 2 | 5 | 15 | 25 | 0 | 3 |
| Leuchars ... | 12.4 | -8 | - | 0 | 2o | 55 | 54 | 6 | 5 | 7 | - | 7 | 6 | 7 | 40 | - | 1 | * |
| Montrose ... | 13.1 | -10 | - | 0 | m/r | 54 | 54 | 4 | 5 | 7 | - | 8 | 7 | 8 | 25 | - | 0 | * |
| Abbotsinch | 12.1 | -6 | - | 0 | 2o | 60 | 58 | 5 | 5 | - | - | 8 | 4 | 8 | 12 | 15 | 1 | * |
| Prestwick ... | 12.4 | -2 | S | 2 | 2o | 61 | 57 | 6 | 5 | 7 | 2 | 8 | 4 | 5 | 10 | 25 | 0 | |
| West Freugh | 12.7 | -10 | SSE | 2 | c/r | 59 | 58 | 6 | 5 | 7 | - | 7 | 4 | 5 | 4 | 15 | 0 | * |
| Eskdalemuir | 13.0 | -10 | S'W | 3 | 2o | 58 | 57 | 6 | 5 | - | - | 8 | 8 | - | 3 | - | 1 | * |
| Jurby, I. of Man | 14.3 | -4 | SW'S | 4 | c-bc | 60 | 58 | 8 | 5 | 7 | 1 | 5 | 1 | 4 | 10 | 25 | 0 | * |
| Machrihanish | 12.3 | -2 | SW'S | 2 | id | 59 | 57 | 5 | 5 | - | - | 8 | 3 | 4 | - | 8 | 1 | 1 |
| Tiree ... | 11.8 | -2 | WSW | 2 | c | 58 | 58 | 7 | 5 | 5 | 9 | 6 | 3 | 4 | 15 | 40 | 1 | 1 |
| Oban ... | 11.8 | -4 | - | 0 | ir | 59 | 58 | 6 | 6 | 7 | - | 8 | 2 | 5 | 4 | 15 | 1 | 1 |
| Stornoway ... | 09.7 | -6 | SSE | 3 | ir | 57 | 56 | 6 | 5 | - | - | 7 | 3 | 7 | 8 | 15 | 1 | 2 |
| Cape Wrath | | | | | | | | | | | | | | | | | | |
| Dalwhinnie | 11.3 | -10 | SSE | 2 | ir | 57 | 54 | 4 | 5 | - | - | 8 | 8 | - | 22 | - | 1 | * |
| Aberdeen† ... | 12.0 | -12 | SSE | 1 | pr | 55 | 55 | 4 | 3 | 8 | 7 | 8 | 3 | 4 | 40 | - | 1 | 1 |
| Fraserburgh | 12.4 | -6 | SSE | 3 | r.r. | 56 | 56 | 4 | 5 | - | - | 8 | 6 | 8 | 3 | 25 | 1 | * |
| Alness ... | 11.2 | -12 | E | 1 | r.r. | 59 | 58 | 6 | 5 | 7 | - | 8 | 4 | 8 | 35 | - | 1 | * |
| Wick ... | 11.1 | -10 | - | 0 | r.r. | 57 | 56 | 4 | 5 | 2 | - | 8 | 4 | 8 | 20 | - | 1 | * |
| Hatston ... | 11.2 | -12 | - | 0 | ir | 58 | 57 | 5 | 5 | 7 | - | 8 | 4 | 8 | 10 | - | * | * |
| Sumburgh ... | 11.9 | -8 | S | 3 | m | 54 | 54 | 4 | 5 | - | - | 8 | 8 | - | 0 | - | 0 | 2 |
| Sullom Voe | 11.5 | -10 | NE | 1 | m | 55 | 55 | 4 | 5 | - | - | 8 | 8 | - | 1 | - | 0 | * |
| Blacksod Point | 12.3 | -4 | SSW | 1 | ir | 61 | 60 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - | 1 | 2 |
| Malin Head | 11.9 | -2 | WSW | 1 | c-bc | 57 | 55 | 8 | 5 | - | - | 5 | 5 | - | 15 | - | 0 | 1 |
| Aldergrove | 12.9 | -2 | WSW | 2 | c-bc | 59 | 57 | 8 | 5 | 4 | - | 5 | 4 | 4 | 7 | 25 | 0 | * |
| Cas. Archdale | 13.6 | -10 | SSW | 1 | c | 56 | 55 | 8 | 5 | 3 | - | 7 | 7 | - | 30 | - | 1 | * |
| Birr Castle ... | 14.0 | -2 | NNW | 1 | c-bc | 57 | 56 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 0 | * |
| Collinstown | 14.3 | +2 | W'S | 3 | c | 57 | 56 | 7 | 5 | - | - | 8 | 8 | - | 11 | - | 0 | * |
| Foynes ... | 13.3 | -2 | - | 0 | c | 54 | 50 | 8 | 5 | 3 | - | 6 | 5 | - | 28 | - | 0 | * |
| Valentia ... | 13.4 | -6 | SW'S | 3 | rr | 61 | 60 | 6 | 5 | - | - | 8 | 8 | - | 18 | - | 1 | 2 |
| Roches Point | 14.4 | -6 | W | 1 | bc | 59 | 58 | 8 | 5 | - | - | 4 | 4 | - | 15 | - | 1 | 2 |

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h-18h °F. (35) | Temperature. Min. Night 18h-6h °F. (36) | Temperature. Min. on Grass °F. (37) | Rainfall. Day 6h-18h mm. (38) | Rainfall. Night 18h-6h mm. (39) | Sunshine 7th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 77 | 55 | 42 | - | Tr | 13.2 |
| Croydon ... | 78 | 51 | 45 | - | - | 13.3 |
| Boscombe Down | 79 | 53 | 45 | - | - | 12.1 |
| Thorney Island | 75 | 52 | 46 | - | - | * |
| Friston ... | | | | | | |
| Lympne ... | 71 | 50 | * | - | - | 11.7 |
| Manston ... | 72 | 56 | 55 | - | - | 11.3 |
| North Weald | 78 | 53 | * | * | * | * |
| Felixstowe ... | 72 | 58 | 52 | - | Tr | 9.4 |
| Gorleston ... | 66 | 57 | 52 | - | - | 4.3 |
| Mildenhall | 78 | 55 | 51 | - | Tr | 10.3 |
| Bircham Newton | 70 | 50 | 44 | - | - | * |
| Cranwell ... | 77 | 51 | 47 | - | - | 9.5 |
| Cranfield ... | 75 | 51 | 44 | Tr | - | * |
| Honiley ... | 77 | 57 | 50 | - | - | * |
| Little Rissington | * | 59 | 51 | - | - | * |
| Shobden ... | 79 | 55 | 50 | - | - | * |
| Bristol ... | 80 | 55 | 47 | - | Tr | 13.1 |
| Chivenor ... | 75 | 58 | 53 | - | - | * |
| Yeovilton | 80 | 54 | 50 | - | Tr | * |
| Portland Bill | 67 | 57 | * | - | - | * |
| Exeter ... | 78 | 55 | 51 | 1 | 0.1 | * |
| Plymouth ... | 70 | 57 | 50 | - | - | 12.1 |
| St. Eval ... | 70 | 57 | 50 | - | Tr | * |
| The Lizard | 71 | 57 | * | - | - | 10.6 |
| Scilly, St. Marys | 71 | 58 | | - | - | 7.7 |
| Fairwood ... | * | 52 | 46 | - | - | * |
| Pembroke ... | 69 | 58 | * | - | Tr | 6.1 |
| Aberporth ... | 72 | 55 | 49 | - | 0.1 | 8.9 |
| Penrhos ... | 73 | 58 | 36 | - | - | * |
| Holyhead, Valley | (70) | 64 | 56 | - | - | * |
| Hawarden | 81 | 69 | 48 | - | - | 8.1 |
| Manchester | 73 | 57 | 52 | - | - | * |
| Squires Gate | 74 | 55 | 53 | - | - | * |
| Silloth ... | 71 | 57 | 50 | - | - | * |
| Ashbourne ... | 75 | 54 | 49 | - | - | * |
| Snaith ... | 77 | 54 | 49 | - | - | * |
| Spurn Head | 69 | 57 | * | - | - | 9.3 |
| Catterick (Sc.) | 72 | 53 | 46 | - | - | 5.7 |
| Tynemouth | 62 | 55 | 52 | - | - | |
| Acklington | 65 | 52 | 49 | - | - | * |
| St. Abb's Head | 62 | 54 | * | - | - | * |
| Leuchars ... | 61 | 61 | 49 | - | Tr | 1.7 |
| Montrose ... | 61 | 53 | 47 | Tr | Tr | |
| Abbotsinch | 71 | 59 | 55 | - | Tr | 5.4 |
| Prestwick ... | 75 | 60 | 58 | - | Tr | * |
| West Freugh | 69 | 58 | 54 | - | Tr | * |
| Eskdalemuir | 75 | 50 | 44 | - | - | 11.4 |
| Jurby, I. of Man | 74 | 57 | 54 | - | - | * |
| Machrihanish | 71 | 59 | 59 | - | 1 | * |
| Tiree ... | 66 | 56 | 54 | 1 | 0.3 | 2.0 |
| Oban ... | 71 | 58 | * | 4 | * | |
| Stornoway ... | 65 | 56 | 55 | 2 | 11 | 1.8 |
| Cape Wrath | 66 | | | - | | |
| Dalwhinnie | 73 | 55 | 51 | - | 1 | 6.2 |
| Aberdeen† ... | 61 | 55 | 53 | - | 0.1 | 5.1 |
| Fraserburgh | 64 | 55 | 53 | - | Tr | * |
| Alness ... | 73 | 57 | 55 | - | 1 | * |
| Wick ... | 69 | 56 | 56 | - | 0.5 | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 55 | 51 | 51 | Tr | Tr | 0.0 |
| Sullom Voe | 61 | 50 | | - | - | |
| Blacksod Point | 66 | 59 | * | 1 | 2 | * |
| Malin Head | 68 | 57 | | - | 0.6 | 1.8 |
| Aldergrove | 75 | 57 | 55 | - | Tr | 5.9 |
| Cas. Archdale | 73 | 55 | 49 | Tr | Tr | |
| Birr Castle ... | 73 | 52 | 47 | 2 | 0.5 | 4.4 |
| Collinstown | 75 | 57 | 50 | - | Tr | 9.2 |
| Foynes ... | 70 | 52 | 50 | Tr | Tr | 4.4 |
| Valentia ... | 66 | 59 | 55 | 0.5 | 1 | 6.0 |
| Roches Point | 69 | 57 | * | 0.1 | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14. 28, 29, 30).
0 = Nil 1 = Trace 2 = 1/10 3 = 1/4 4 = 1/2 5 = 3/4 6 = 9/10 7 = More than 9 but with openings. 8 = Completely covered. 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th. Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

# BRITISH SECTION — THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Wednesday 9th August 1944

No. 30211

## OBSERVATIONS at 12h. G.M.T. 8th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 14·0 | -10 | NNW | 1 | b·bc | 73 | 52 | 7 | 2 | – | 5 | 3 | 2 | 2 | 25 | – |
| | Croydon | 13·8 | -14 | W | 1 | b·bc | 76 | 54 | 7 | 2 | – | 1 | 3 | 3 | 1 | 30 | – |
| | Boscombe Down | 14·9 | -8 | N | 2 | bc | 76 | 55 | 8 | 1 | 6 | – | 4 | 4 | 2 | 30 | – |
| | Thorney Island | 15·0 | -2 | SW | 3 | zo | 72 | 59 | 6 | 1 | – | 6 | 1 | 1 | 1 | 30 | – |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 15·2 | 0 | SSE | 2 | zo | 66 | 59 | 5 | 1 | – | 6 | 4 | 1 | 4 | 25 | – |
| | Manston | 15·6 | -10 | SE'S | 2 | zo | 63 | 58 | 5 | – | – | 1 | 1 | – | 1 | – | – |
| 2 | North Weald | 14·5 | -18 | – | 0 | zo | 76 | 51 | 6 | 1 | – | 9 | 3 | 1 | 2 | 35 | – |
| | Felixstowe | 15·2 | -6 | SSE | 3 | zo | 67 | 58 | 6 | 5 | – | – | 4 | 3 | 3 | 12 | – |
| | Gorleston | 15·2 | -4 | SSE | 3 | zo | 61 | 59 | 6 | 2 | – | – | 3 | 3 | – | 20 | – |
| | Mildenhall | 13·8 | -12 | WN | 2 | ebc | 77 | 56 | 8 | 1 | – | 2 | 5 | 2 | 5 | 25 | – |
| | Bircham Newton | 13·7 | -12 | SW | 2 | bc | 75 | 57 | 8 | 1 | – | 2 | 4 | 2 | 4 | 25 | – |
| | Cranwell | 13·7 | -6 | SW | 2 | zo | 76 | 55 | 6 | 1 | 3 | – | 5 | 1 | 4 | 30 | – |
| | Cranfield | 13·7 | -12 | SSW | 3 | c | 75 | 53 | 7 | 8 | 3 | – | 6 | 4 | 5 | 35 | – |
| 3 | Honiley | 13·7 | -10 | S | 1 | zo | 74 | 57 | 6 | 2 | 7 | – | 5 | 4 | 4 | 30 | – |
| 4 | Little Rissington | 13·1 | -12 | W | 1 | ebc | 71 | 57 | 7 | 2 | 3 | – | 5 | 4 | 5 | 25 | – |
| | Shobden | 14·3 | -8 | WNW | 3 | c-bc | 72 | 52 | 8 | 8 | 4 | – | 5 | 4 | 5 | 25 | 40 |
| 5 | Bristol | 14·6 | -10 | SW | 2 | bc | 73 | 59 | 7 | 1 | 3 | – | 4 | 3 | 3 | 40 | – |
| | Chivenor | 15·1 | -2 | W | 3 | bcjf | 71 | 56 | 7 | 2 | – | – | 4 | 4 | 3 | 20 | 40 |
| | Yeovilton | 14·8 | -6 | NW | 2 | ebc | 73 | 63 | 7 | 8 | 3 | – | 5 | 4 | 5 | 25 | 25 |
| | Portland Bill | 15·3 | 0 | SW | 1 | f | 60 | 58 | 2 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Exeter | 15·2 | -6 | WSW | 3 | c | 72 | 60 | 7 | 2 | 4 | – | 6 | 4 | 5 | 25 | 57 |
| | Plymouth | 15·7 | +2 | SSW | 3 | if | 65 | 61 | 7 | 2 | 6 | – | 4 | 3 | 2 | 30 | – |
| | St. Eval | 15·6 | -2 | WN | 2 | bcjp | 67 | 58 | 9 | 8 | 7 | 1 | 4 | 3 | 3 | 20 | – |
| | The Lizard | 15·4 | +6 | SSW | 2 | bc | 65 | 60 | 7 | 2 | 4 | – | 4 | 4 | 2 | 30 | 57 |
| | Scilly, St. Marys | 15·6 | 0 | S | 2 | cbc | 68 | 62 | 8 | 2 | 4 | 2 | 5 | 4 | 3 | 25 | 57 |
| 6 | Fairwood | 15·6 | 0 | SW | 3 | bc | 70 | 58 | 8 | 2 | – | – | 4 | 3 | 4 | 18 | 25 |
| | Pembroke | 15·2 | 0 | SW'S | 1 | ebc | 65 | 59 | 8 | 2 | 4 | – | 5 | 4 | 3 | 20 | – |
| | Aberporth | 14·8 | -2 | WN | 3 | c | 65 | 59 | 8 | 8 | – | – | 6 | 3 | 5 | 30 | 40 |
| 7 | Penrhos | 14·1 | -2 | SW | 3 | c | 68 | 59 | 7 | 5 | 7 | – | 6 | 3 | 4 | 15 | – |
| | Holyhead, Valley | 14·9 | -2 | SSW | 2 | m | 60 | 59 | 4 | 5 | – | – | 7 | 7 | – | 0 | – |
| | Hawarden | 13·4 | -6 | WSW | 3 | c-bc | 73 | 53 | 8 | 2 | – | – | 5 | 1 | 5 | 25 | 40 |
| 8 | Manchester | 13·4 | -10 | WSW | 2 | bc | 71 | 57 | 7 | 1 | 4 | 2 | 4 | 3 | 1 | 30 | – |
| | Squires Gate | 13·5 | -6 | WNW | 3 | zo | 69 | 58 | 6 | 1 | 7 | – | 5 | 3 | 4 | 25 | – |
| | Silloth | 12·8 | -4 | SW'S | 4 | ido | 63 | 59 | 8 | 5 | – | – | 7 | 4 | 7 | 7 | 15 |
| 9 | Ashbourne | 13·6 | -12 | SSW | 2 | c | 72 | 57 | 7 | 2 | 3 | 2 | 6 | 2 | 4 | 30 | – |
| | Snaith | 13·2 | -12 | SSW | 2 | zo | 73 | 58 | 6 | 2 | 3 | 9 | 6 | 3 | 3 | 30 | – |
| 10 | Spurn Head | 13·3 | -14 | WSW | 4 | zo | 68 | 61 | 5 | 7 | – | – | 5 | 5 | – | 25 | – |
| | Catterick (Sc.) | 12·9 | -16 | SW | 3 | zo | 74 | 61 | 6 | 2 | 7 | 6 | 5 | 4 | 4 | 40 | – |
| | Tynemouth | 13·0 | -6 | SW | 2 | zo | 72 | 58 | 6 | 2 | 3 | – | 5 | 4 | 3 | 17 | – |
| | Acklington | 12·5 | -10 | WSW | 4 | c | 72 | 57 | 7 | 1 | 7 | 2 | 7 | 2 | 2 | 30 | – |
| 11 | St. Abb's Head | 10·9 | 0 | SW | 4 | c | 65 | 53 | 9 | 2 | 4 | – | 7 | 4 | 4 | 20 | 72 |
| | Leuchars | 10·4 | -10 | SW | 3 | zo | 68 | 57 | 6 | 8 | 3 | 3 | 6 | 4 | 4 | 35 | 57 |
| | Montrose | 11·5 | -6 | WSW | 3 | zo | 68 | 60 | 6 | 8 | 7 | 2 | 7 | 4 | 3 | 20 | 40 |
| 12 | Abbotsinch | 11·0 | -2 | WNW | 3 | f/d | 65 | 59 | 7 | 8 | 7 | – | 6 | 4 | 5 | 12 | 25 |
| | Prestwick | 11·7 | 0 | SW | 3 | c | 64 | 58 | 7 | 8 | 4 | – | 7 | 4 | 5 | 20 | 25 |
| | West Freugh | 12·2 | -2 | WSW | 4 | ebc | 68 | 58 | 8 | 8 | 6 | – | 5 | 3 | 4 | 25 | 40 |
| | Eskdalemuir | 11·6 | -6 | SW | 4 | iro | 61 | 57 | 7 | 5 | – | – | 8 | 8 | – | 11 | – |
| | Jurby, I. of Man | 13·6 | -2 | SWW | 4 | c-bc | 65 | 58 | 8 | 8 | 6 | – | 5 | 3 | 3 | 16 | 40 |
| 13A | Machrihanish | 11·9 | -2 | WS | 2 | bc | 65 | 58 | 8 | 8 | 7 | 9 | 4 | 2 | 4 | 25 | – |
| | Tiree | 11·4 | -2 | WSW | 3 | c/d | [illegible] | 56 | 9 | 7 | 3 | – | 6 | 1 | 4 | 18 | 40 |
| | Oban | 11·5 | -4 | SW | 1 | c | [illegible] | 59 | 7 | 5 | 7 | – | 7 | 3 | 5 | 6 | 25 |
| 13B | Stornoway | 08·8 | 0 | E | 2 | c/d | 62 | 56 | 8 | 8 | 7 | – | 6 | 4 | 6 | 10 | 15 |
| | Cape Wrath | 09·8 | -4 | S | 1 | pR | 58 | 58 | 8 | – | 7 | – | 6 | 5 | – | 15 | – |
| 15 | Dalwhinnie | 11·0 | -2 | S | 2 | r/ro | 50 | 55 | 6 | 5 | 1 | – | 8 | 6 | 8 | 18 | – |
| | Aberdeen | 10·3 | -10 | S | 2 | jf | 67 | 59 | 7 | 8 | 9 | – | 7 | 3 | 4 | 40 | – |
| | Fraserburgh | 10·5 | -6 | NWN | 2 | c | 65 | 60 | 7 | 5 | 7 | – | 7 | 5 | 7 | 30 | – |
| | Alness | 10·2 | -2 | SSW | 1 | roro | 61 | 59 | 5 | 5 | 2 | – | 8 | 5 | 8 | 8 | 25 |
| | Wick | 09·5 | -10 | S | 2 | roro | 61 | 58 | 6 | 5 | 7 | – | 8 | 3 | 8 | 20 | 57 |
| 16 | Hatston | 09·7 | -6 | SSW | 2 | ro | 62 | 60 | 6 | 5 | – | – | 8 | 4 | 8 | 5 | 15 |
| | Sumburgh | 10·3 | -6 | SSE | 3 | rf | 55 | 55 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Sullom Voe | 09·9 | -4 | SSE | 3 | zo | 59 | 57 | 6 | 5 | – | – | 8 | 8 | – | 4 | – |
| 17 | Blacksod Point | 13·3 | +6 | NW | 2 | c/d | 60 | 58 | 8 | 6 | – | – | 7 | 7 | – | 8 | – |
| 18 | Malin Head | 11·8 | +6 | W | 2 | ddo | 57 | 55 | 6 | – | 2 | – | 8 | 8 | – | 4 | – |
| | Aldergrove | 12·3 | -6 | SSW | 2 | c/d | 66 | 58 | 8 | 8 | 7 | – | 7 | 4 | 4 | 20 | 25 |
| | Cas. Archdale | 12·5 | -10 | SW | 2 | cbc/pr | 65 | 59 | 8 | [illegible] | [illegible] | [illegible] | 5 | 3 | 5 | 15 | 25 |
| 19 | Birr Castle | 11·9 | -14 | NNW | 1 | bc | 74 | 61 | 8 | 4 | – | – | 4 | 4 | – | 25 | – |
| | Collinstown | 13·0 | -8 | WSW | 2 | cbc | 69 | 56 | 8 | 2 | – | – | 5 | 5 | – | 32 | – |
| 20 | Foynes | 13·3 | -2 | WN | 3 | pr | 65 | 60 | 9 | 8 | – | – | [illegible] | 5 | – | 21 | – |
| | Valentia | 13·9 | 0 | WNW | 2 | bc | 65 | 56 | 9 | 8 | – | – | 4 | 4 | – | 25 | – |
| | Roches Point | 13·3 | -6 | S | 2 | cbc | 68 | 66 | 8 | 3 | 3 | – | 5 | 4 | – | 15 | – |

## OBSERVATIONS at 18h. G.M.T. 8th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A 0-9 (29) | Cloud Amount Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 11·2 | -12 | SE | 2 | c | 77 | 59 | 8 | 8 | 3 | 3 | 6 | 5 | 1 | 31 | – | 0 | * |
| Croydon | 11·4 | 0 | SW'S | 1 | c | 76 | 51 | 8 | 2 | 7 | 9 | 6 | 3 | 6 | 25 | – | 0 | * |
| Boscombe Down | 12·5 | -6 | NW | 2 | bc | 72 | 56 | 8 | 8 | – | – | 4 | 4 | 3 | 30 | 57 | 0 | * |
| Thorney Island | 12·7 | -8 | SW | 3 | b | 71 | 57 | 8 | – | – | 1 | 2 | 2 | – | – | – | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 12·7 | -2 | SE | 1 | zo | 65 | 57 | 6 | – | 3 | 2 | 4 | 3 | 4 | 150 | – | 0 | § |
| Manston | 12·4 | -22 | SE'S | 3 | zo | 62 | 59 | 5 | – | – | 2 | 3 | 3 | – | – | – | 0 | * |
| North Weald | 12·5 | -6 | SW | 1 | zo | 72 | 59 | 6 | 5 | 3 | – | 6 | 4 | 3 | 35 | – | 0 | * |
| Felixstowe | 12·9 | -14 | SSE | 2 | cf+ | 62 | 59 | 3 | 5 | – | – | 8 | 8 | – | 5 | – | 0 | 1 |
| Gorleston | 13·1 | -14 | S | 3 | zo | 62 | 59 | 5 | 5 | – | – | 5 | 5 | – | 20 | – | 0 | 3 |
| Mildenhall | 11·7 | -6 | NW | 3 | c | 70 | 57 | 8 | 8 | – | – | 7 | 4 | 7 | 60 | – | 0 | * |
| Bircham Newton | 12·1 | -6 | NE | 4 | Hr | 67 | 55 | 7 | 3 | 6 | – | 8 | 3 | 5 | 30 | 40 | 0 | * |
| Cranwell | 11·1 | -4 | SSE | 1 | ebc | 73 | 60 | 7 | 2 | 3 | – | 5 | 3 | 4 | 30 | – | 0 | * |
| Cranfield | 12·1 | -4 | N | 2 | ebc | 72 | 55 | 7 | 2 | 6 | 1 | 5 | 4 | 5 | 40 | – | 0 | * |
| Honiley | 11·3 | -4 | WNW | 2 | bc | 73 | 53 | 8 | 2 | 4 | – | 4 | 3 | 2 | 30 | – | 0 | * |
| Little Rissington | 10·5 | -10 | W | 2 | b-bc | 73 | 50 | 8 | 2 | 6 | 9 | 3 | 2 | 2 | 30 | – | 0 | * |
| Shobden | 12·3 | -6 | WNW | 2 | b | 61 | 55 | 8 | 1 | – | – | 2 | 2 | – | 35 | – | 0 | * |
| Bristol | 13·2 | -6 | WNW | 3 | b | 73 | 53 | 8 | 2 | 3 | – | 1 | 1 | 1 | 35 | – | 0 | * |
| Chivenor | 13·5 | -6 | WNW | 3 | b-bc | 67 | 59 | 8 | 8 | – | 5 | 3 | 2 | 1 | 25 | 57 | 0 | * |
| Yeovilton | 12·6 | -4 | NW | 2 | b-bc | 71 | 61 | 8 | 8 | 4 | – | 3 | 2 | 3 | 30 | 40 | 0 | * |
| Portland Bill | 13·1 | -6 | W | 1 | bc | 62 | 60 | 8 | 2 | – | – | 4 | 4 | – | 50 | – | 1 | 3 |
| Exeter | 13·5 | +2 | – | 0 | pr | 64 | 62 | 7 | 8 | – | – | 7 | 4 | 6 | 20 | 40 | 1 | * |
| Plymouth | 13·2 | -8 | SSW | 2 | b-bc | 66 | 59 | 8 | 2 | – | – | 3 | 3 | – | 30 | – | 0 | 2 |
| St. Eval | 13·9 | -6 | WNW | 2 | bc | 65 | 55 | 9 | 4 | 7 | – | 4 | 1 | 3 | 8 | 40 | 0 | * |
| The Lizard | 13·5 | -6 | WS | 2 | b-bc | 65 | 62 | 7 | 7 | – | – | 3 | 3 | – | 40 | – | 0 | 2 |
| Scilly, St. Marys | 13·8 | -2 | SWW | 2 | zo | 68 | 61 | 6 | 1 | – | – | 3 | 3 | – | 25 | – | 0 | 1 |
| Fairwood | 13·3 | -10 | WNW | 3 | b-bc | 69 | 58 | 9 | 2 | – | – | 3 | 3 | – | 35 | – | 0 | * |
| Pembroke | 13·2 | -8 | WNW | 2 | b | 69 | 59 | 8 | 1 | – | – | 2 | 2 | – | 25 | – | 0 | 2 |
| Aberporth | 13·3 | -10 | WNW | 2 | bc | 64 | 59 | 9 | 8 | – | – | 4 | 3 | 3 | 30 | 57 | 0 | 2 |
| Penrhos | 12·4 | -10 | SW'S | 4 | b-bc | 65 | 58 | 8 | 8 | – | – | 3 | 3 | – | 20 | – | 0 | 3 |
| Holyhead, Valley | 12·7 | -16 | SW | 3 | b-bc | 64 | 59 | 8 | 3 | 4 | – | 3 | 1 | 2 | 6 | 15 | 0 | 2 |
| Hawarden | 12·2 | -6 | WNW | 3 | ebc/pr | 67 | 59 | 8 | 7 | 4 | – | 5 | 3 | 5 | 40 | – | 0 | * |
| Manchester | 11·7 | -6 | NNW | 3 | bc | 69 | 56 | 8 | 2 | 6 | – | 4 | 3 | 3 | 30 | – | 0 | * |
| Squires Gate | 12·0 | -14 | WNW | 2 | b-bc | 65 | 58 | 8 | 8 | 3 | – | 3 | 2 | 3 | 30 | – | 0 | * |
| Silloth | 12·1 | -4 | SSW | 4 | pr | 62 | 58 | 8 | 8 | 4 | – | 6 | 4 | 5 | 20 | 40 | 0 | * |
| Ashbourne | 11·7 | -6 | WSW | 3 | b-bc | 69 | 59 | 8 | 2 | 6 | – | 3 | 3 | 2 | 25 | – | 0 | |
| Snaith | 11·6 | 0 | WNW | 4 | b-bc | 73 | 58 | 7 | 3 | 6 | 3 | 3 | 3 | 1 | 30 | – | 1 | * |
| Spurn Head | 11·4 | -6 | SE | 3 | Hr | 62 | 60 | 6 | 5 | – | – | 6 | 6 | – | 15 | – | 1 | 3 |
| Catterick (Sc.) | 11·6 | -2 | SW'S | 3 | ebc | 67 | 58 | 8 | 2 | 7 | – | 5 | 4 | 4 | 40 | – | 0 | |
| Tynemouth | 11·9 | -4 | W | 2 | ebc | 69 | 58 | 7 | 8 | – | – | 5 | 5 | – | 20 | – | 0 | 2 |
| Acklington | 10·2 | -16 | W | 4 | ebc | 66 | 57 | 8 | 2 | 6 | 9 | 5 | 2 | 4 | 25 | – | 0 | |
| St. Abb's Head | 09·9 | -2 | WNW | 1 | Hr | 60 | 56 | 8 | 9 | 2 | – | 8 | 3 | 5 | 8 | 15 | 1 | 2 |
| Leuchars | 09·2 | -8 | – | 0 | Hr | 64 | 58 | 7 | 8 | 7 | 9 | 7 | 4 | 6 | 1 | – | 1 | * |
| Montrose | 10·3 | -6 | SE | 2 | zo | 60 | 59 | 5 | 9 | 6 | 2 | 6 | 3 | 4 | 10 | 15 | 1 | * |
| Abbotsinch | 10·0 | -6 | WSW | 4 | pr | 64 | 57 | 9 | 3 | 7 | – | 6 | 4 | 3 | 8 | 15 | 1 | * |
| Prestwick | 10·6 | -6 | W | 3 | PR | 62 | 60 | 8 | 3 | – | – | 7 | 4 | 7 | 10 | 15 | 1 | * |
| West Freugh | 11·5 | -6 | SSW | 2 | roro | 59 | 59 | 7 | 5 | 7 | – | 8 | 3 | 5 | 6 | 15 | 1 | * |
| Eskdalemuir | 10·6 | -4 | SW | 4 | c/pr | 61 | 57 | 8 | 5 | – | – | 7 | 7 | – | 18 | – | 1 | * |
| Jurby, I. of Man | 11·9 | -10 | SWW | 3 | ebc | 64 | 57 | 8 | 5 | 7 | – | 5 | 3 | 5 | 50 | – | 0 | * |
| Machrihanish | 11·4 | +4 | WS | 3 | c | 58 | 56 | 7 | 5 | 7 | – | 8 | 4 | 5 | 6 | 15 | 1 | 2 |
| Tiree | 11·3 | -2 | WS | 3 | c | 60 | 55 | 9 | 8 | – | – | 7 | 4 | 7 | 20 | 57 | 0 | 2 |
| Oban | 11·2 | +2 | SW | 2 | c | 60 | 55 | 9 | 5 | – | – | 7 | 4 | 7 | 20 | 40 | 0 | 2 |
| Stornoway | 08·5 | +2 | SW | 3 | c | 60 | 52 | 9 | 8 | – | – | 7 | 4 | 7 | 14 | 57 | 0 | 1 |
| Cape Wrath | 09·4 | 0 | SW | 3 | c | 58 | 57 | 8 | 8 | 7 | – | 6 | 5 | – | 15 | – | 1 | 2 |
| Dalwhinnie | 09·5 | -10 | SW | 3 | c | 60 | 54 | 7 | 5 | 3 | – | 6 | 4 | 6 | 17 | – | 1 | * |
| Aberdeen | 09·5 | +4 | ENE | 1 | u | 56 | 55 | 6 | 9 | – | – | 8 | 2 | 8 | 15 | 25 | 1 | 1 |
| Fraserburgh | 09·4 | -8 | SSE | 1 | pr | 57 | 57 | 8 | 8 | 7 | – | 8 | 2 | 5 | 6 | 25 | 1 | |
| Alness | 07·8 | -6 | – | 0 | c/r | 62 | 59 | 6 | 8 | 7 | – | 7 | 4 | 7 | 20 | – | 1 | * |
| Wick | 08·9 | -4 | – | 0 | roro | 60 | 57 | 6 | 5 | 2 | – | 8 | 3 | 8 | 15 | 40 | 1 | * |
| Hatston | 08·6 | -2 | NW | 4 | roro | 61 | 59 | 6 | 8 | 7 | – | 7 | 4 | 4 | 8 | 15 | * | * |
| Sumburgh | 08·3 | -10 | SE | 2 | f- | 56 | 56 | 3 | 5 | – | – | 8 | 8 | – | 0 | – | 1 | 1 |
| Sullom Voe | 08·3 | -6 | S | 1 | zo | 59 | 57 | 6 | 5 | – | – | 8 | 8 | – | 2 | – | 0 | * |
| Blacksod Point | 13·3 | +4 | NW | 3 | ido | 61 | 56 | 8 | 6 | – | – | 8 | 8 | – | 25 | – | 1 | 3 |
| Malin Head | 11·5 | 0 | NW | 2 | c | 60 | 51 | 8 | 5 | – | – | 6 | 6 | – | 8 | – | 0 | 2 |
| Aldergrove | 11·3 | +2 | NW | 3 | c/pr | 62 | 58 | 8 | 8 | – | 1 | 7 | 2 | 6 | 15 | 25 | 1 | * |
| Cas. Archdale | 12·7 | -2 | WNW | 3 | c | 62 | 56 | 9 | 5 | – | – | 7 | 3 | 7 | 15 | 40 | 1 | * |
| Birr Castle | 11·2 | -2 | WNW | 2 | bc | 71 | 59 | 8 | 4 | – | – | 4 | 4 | – | 25 | – | 0 | * |
| Collinstown | 10·9 | -8 | WSW | 2 | ebc | 70 | 57 | 9 | 8 | 6 | – | 5 | 5 | – | 55 | – | 0 | * |
| Foynes | 12·7 | -2 | WNW | 4 | ebc | 65 | 56 | 9 | 8 | – | – | 5 | 5 | – | 4 | – | 0 | * |
| Valentia | 13·6 | +2 | NWW | 3 | b | 64 | 55 | 9 | 1 | – | – | 2 | 2 | – | 25 | – | 0 | 2 |
| Roches Point | 12·1 | -6 | SW | 2 | b-bc | 67 | 65 | 8 | 3 | – | – | 3 | 3 | – | 15 | – | 1 | 3 |

## PAST 24 HOURS — WEATHER

| Stations | 06h.–12h. 8th (41) | 12h.–18h. 8th (42) | 18h. 8th to 00h. 9th (43) | 00h.–06h. 9th (44) |
|---|---|---|---|---|
| Kew | 0Fbzoby | bbcy cy | cq vroc | bccmow |
| Croydon | bzoy | cyc | bbzo | bmowbc |
| Boscombe Down | bcmobcy | bcycy | bcybc | bcfgbm |
| Thorney Island | bzo | bczyb | bmo | bmobc |
| Friston | | | | |
| Lympne | bmbzo | bmoczo | bc zobzo | bmofg |
| Manston | 0fcmbmo | bmocbc | cbcmo | bzobmo |
| North Weald | 0fecm bzo | bczoyzo | ctlrozocmo | ccmoof |
| Felixstowe | cmobcmo | bczo of | bmffcmo | cmowof |
| Gorleston | bczo | cl | cfczo | offe |
| Mildenhall | bfe mobcy | bybgybc | cpr cmo | bmoof |
| Bircham Newton | bmob | bc | ctlrobcpro | cbcmobf |
| Cranwell | bczocy | cprocybc | bcmo | bcmobc |
| Cranfield | bcmocy | cytlro | bcbmo | bmobcmo |
| Honiley | cmo | bcy | bc | bmobbc |
| Little Rissington | c | ccyby | bcbbc | bbcc |
| Shobden | cmocbccy | cybc | b | bbccw |
| Bristol | cmowbcy | bcyby | bybwbcw | bwbcc |
| Chivenor | cmojf bc | jfybc | bc bfg | bcfgoff |
| Yeovilton | ffzzc | cprbc | bbcbcc | bct |
| Portland Bill | f | fbcR | coff | c |
| Exeter | cfmoc | cbcycjp | bc | bf |
| Plymouth | bcmoif | bcb | b | bcwjf |
| St. Eval | cfeifbc | bc | bcmofif | bfgbmof |
| The Lizard | bc | bc | bcmow | bbczw |
| Scilly, St. Marys | cbcc | b | bcbw | bcw |
| Fairwood | cbc | bcjfbv | bbc | bcprobc |
| Pembroke | bcc | bc | bc | bcw |
| Aberporth | bbce | cprsbc | * | bcw |
| Penrhos | cmocvroc | bc | bcc | c |
| Holyhead, Valley | cidomocm | cmobcb | bcv | cpmo |
| Hawarden | c | bcproc | bc | bcbbcc |
| Manchester | iroczo | bczobcy | bccmo | bmowbciro |
| Squires Gate | bczo | bc | bcb | crorоc |
| Silloth | c | cidocpro | c | c |
| Ashbourne | cmbczoy | cybyvbc | bcbbc | bcuf |
| Snaith | cmoczo | czotlromoc | bczo | cmoiromo |
| Spurn Head | cmo | cr tlr | cror | cbcmo |
| Catterick (Sc.) | cmocirocz | czobcy | bcc | crormoc |
| Tynemouth | cmp | cmoc | cp | cpmoc |
| Acklington | cmoccy | cycroc | bccproc | cproc |
| St. Abb's Head | c | cprtlrc | bccprc | cbc |
| Leuchars | ciro cmo | crrprot | cproc | cbcbbc |
| Montrose | cmorocmo | cmocprmo | cpromobc | cmobcvc |
| Abbotsinch | cmoidoc | ccpro | bc | c |
| Prestwick | cromob | cpropR | procirоc | ccproc |
| West Freugh | comocbc | bcrdororo | crorocroc | c |
| Eskdalemuir | bmoirocir | cirocirc | cprc | c |
| Jurby, I. of Man | cbccbc | bcc | cjp,rorocbc | c |
| Machrihanish | idcbc | cprcrrc | crc | cirr |
| Tiree | cidoc | cv | cvcido | cvc |
| Oban | cmoc | ciroc | c | cmocidomo |
| Stornoway | cidoc | cjpc | cbcc | ccidomo |
| Cape Wrath | cpr | c | c | cpro |
| Dalwhinnie | crr | circ | * | ciroc |
| Aberdeen | cprm cjf | cprtlcu | cmotlrcmo | c |
| Fraserburgh | cmoroc | cmotlro | cproc | cmobcc |
| Alness | crоromo | crоromor | cprc | bccroc |
| Wick | cfcrrmo | cmoromo | crоromoc | cbcc |
| Hatston | rocr | r | rc | cbc |
| Sumburgh | rfdor | rfof | fdr | faocbc |
| Sullom Voe | cfomo | cmo | cmo | cmoido |
| Blacksod Point | d | d | c | c |
| Malin Head | d | c | c | c |
| Aldergrove | cbccido | ccproc | idoc | cidoc |
| Cas. Archdale | cidocpo | c | c | ccidoc |
| Birr Castle | bc | bc | * | c |
| Collinstown | bc | bc | c | c |
| Foynes | pr | c | c | d |
| Valentia | bc | b | bc | c |
| Roches Point | c | bc | bc | bc |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil 1=Trace 2=1/10 3=1/4 4=1/2 5=3/4 6=8/10 7=More than 9 but with openings. 8=Completely covered. 9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A=Lowest cloud present.
B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

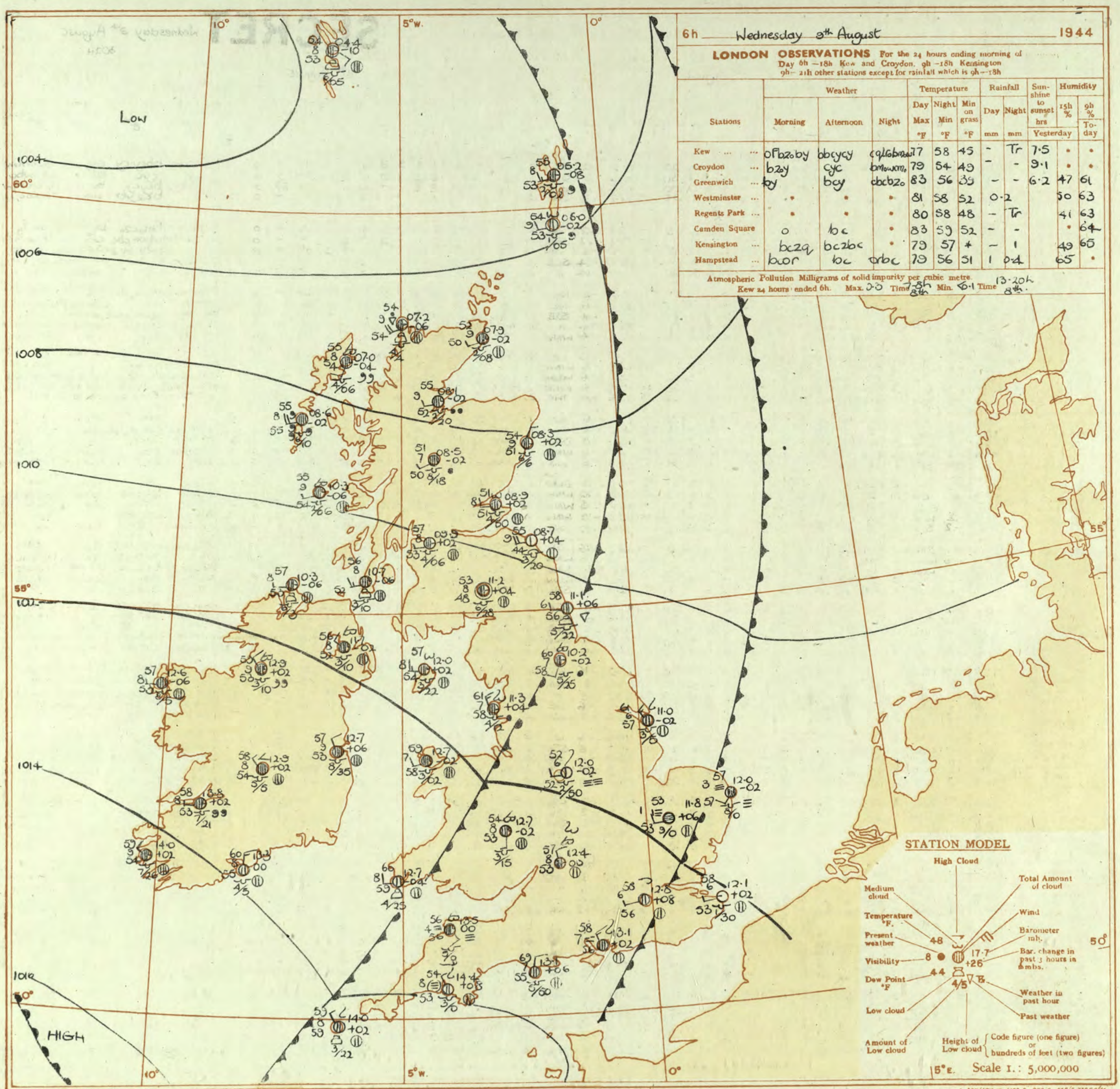
NELSON K. JOHNSON, K.C.B., D.Sc., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Wednesday 9th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of .....
Day 6h –18h Kew and Croydon. 9h –18h Kensington
9h– 21h other stations except for rainfall which is 9h–18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | ofbzoby | obcycy | cqlcbrw | 77 | 58 | 45 | – | Tr | 7·5 | • | • |
| Croydon ... | bzoy | cyc | bmowm | 79 | 54 | 49 | – | – | 9·1 | • | • |
| Greenwich ... | by | bcy | cbcbzo | 83 | 56 | 39 | – | – | 6·2 | 47 | 61 |
| Westminster ... | • | • | • | 81 | 58 | 52 | 0·2 | | | 50 | 63 |
| Regents Park ... | • | • | • | 80 | 58 | 48 | – | Tr | | 41 | 63 |
| Camden Square | o | bc | • | 83 | 59 | 52 | – | – | | • | 64 |
| Kensington ... | bczq | bczbc | • | 79 | 57 | + | – | 1 | | 49 | 65 |
| Hampstead ... | bcor | bc | orbc | 79 | 56 | 51 | 1 | 0·4 | | 65 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 2·3 Time 7-8h 8th Min. 0·1 Time 13-20h 8th.




H.M.S.O. Press, M.O., Dunstable.
Pa 357/4713. Wt. 8152. D. 4356. Gp. 248/2. 7735. 6/44

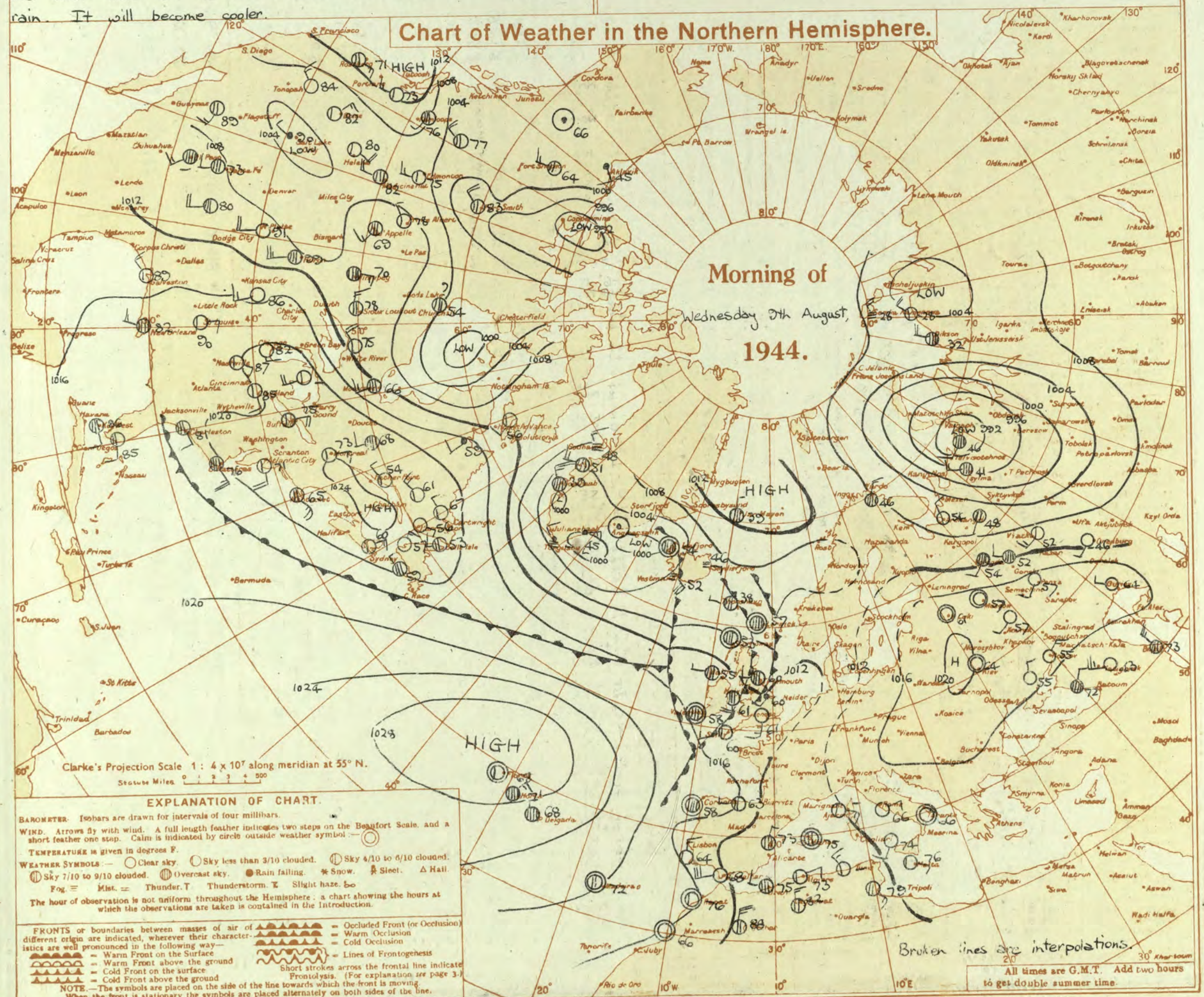
## GENERAL INFERENCE

Pressure is high near the Azores and low near Iceland and weak troughs of low pressure are moving eastsoutheast across the British Isles. In the East and South weather will be fine at first but will become cloudy later. In the North and west there will be much cloud and occasional slight rain. It will become cooler.

## FURTHER OUTLOOK

Mainly cloudy. Local rain in the North and West.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere : a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- = Warm Front on the Surface
- = Warm Front above the ground
- = Cold Front on the surface
- = Cold Front above the ground
- = Occluded Front (or Occlusion)
- = Warm Occlusion
- = Cold Occlusion
- = Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Wednesday 9th August 1944

No. 30211

## OBSERVATIONS at 00hr. G.M.T. 9th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc (3) | Wind Force (4) | Weather (5) | Temp. °F (6) | Dew Point °F (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A 0–9 (13) | Cloud Amount Low B 0–9 (14) | Height of Base Hundreds of feet A (15) | Height of Base Hundreds of feet B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 63 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 12.4 | −8 | S | 3 | b | 61 | 49 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Boscombe Down | 417 | 13.7 | +6 | NW | 2 | b-bc | 58 | 55 | 7 | – | 4 | – | 3 | 3 | – | 100 | – |
| | Thorney Island | 10 | 13.1 | 0 | – | 0 | zo | 55 | 53 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 13.2 | 0 | – | 0 | zo | 59 | 53 | 6 | – | – | 1 | 3 | 3 | – | 220 | – |
| | Manston ... | 140 | 12.5 | +2 | SW | 2 | zo | 61 | 53 | 6 | – | 3 | 1 | 4 | 3 | 2 | – | – |
| 2 | North Weald | 244 | 13.0 | −2 | SSE | 2 | zo | 61 | 58 | 6 | – | 3 | – | 5 | 5 | – | 100 | – |
| | Felixstowe ... | 10 | 12.5 | −2 | SE | 1 | zo | 63 | 61 | 5 | 5 | – | – | 8 | 8 | – | 14 | – |
| | Gorleston ... | 5 | 12.9 | −4 | SW | 3 | zo | 61 | 59 | 6 | 5 | – | – | 8 | 8 | – | 14 | – |
| | Mildenhall | 15 | 12.1 | +6 | NEE | 1 | zo | 60 | 57 | 6 | 5 | – | – | 6 | 6 | – | 60 | – |
| | Bircham Newton | 221 | 12.1 | +2 | WNW | 1 | pr | 61 | 58 | 6 | 2 | 6 | – | 7 | 5 | 3 | 25 | – |
| | Cranwell ... | 203 | 11.5 | 0 | WNW | 2 | zo | 61 | 59 | 5 | 4 | 6 | – | 5 | 4 | 5 | 25 | – |
| 3 | Cranfield ... | 340 | 12.9 | +2 | W | 2 | zo | 59 | 55 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Honiley ... | 427 | 13.1 | +0 | NW | 1 | c-bc | 62 | 57 | 7 | 4 | – | – | 5 | 5 | – | 25 | – |
| 4 | Little Rissington | 731 | 12.8 | +6 | NW | 2 | b-bc | 61 | 54 | 7 | – | 7 | – | 3 | 3 | – | 90 | – |
| | Shobden ... | 318 | 14.0 | +10 | SE | 1 | b | 52 | 50 | 8 | – | 5 | – | 1 | 1 | – | – | – |
| 5 | Bristol ... | 209 | 14.1 | +6 | W | 1 | b-bc | 58 | 57 | 7 | – | 5 | – | 3 | 0 | 3 | – | – |
| | Chivenor ... | 20 | 14.2 | +2 | E | 1 | b-bcfg | 57 | 56 | 7 | – | 4 | 1 | 3 | 1 | 3 | – | – |
| | Yeovilton | 50 | 13.8 | +8 | – | 0 | bc | 57 | 57 | 8 | 4 | 3 | 5 | 4 | 3 | 3 | 40 | – |
| | Portland Bill | 32 | 13.0 | −4 | SW | 1 | f | 58 | 54 | 2 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Exeter ... | 100 | 14.1 | +4 | – | 0 | b | 57 | 57 | 7 | – | 4 | – | 1 | 1 | – | 80 | – |
| | Plymouth ... | 86 | 14.4 | +6 | W | 1 | b | 60 | 57 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | St. Eval ... | 345 | 14.7 | +2 | – | 0 | if | 58 | 57 | 1 | – | – | 1 | 3 | 0 | 0 | – | – |
| | The Lizard | 240 | 15.0 | +10 | NW'W | 2 | zo | 58 | 58 | 6 | 4 | – | 1 | 3 | 3 | – | 30 | – |
| | Scilly, St. Marys | 163 | 14.5 | +2 | WSW | 1 | b-bc | 60 | 58 | 8 | 2 | – | – | 3 | 3 | – | 15 | – |
| 6 | Fairwood ... | 268 | 14.1 | +2 | W | 1 | bc | 58 | 56 | 7 | 5 | 3 | 5 | 4 | 2 | 3 | 50 | – |
| | Pembroke ... | 142 | 13.7 | +4 | SW | 1 | bc | 62 | 60 | 8 | 1 | – | – | 4 | 4 | – | 25 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 12.4 | −4 | SSW | 2 | c | 61 | 59 | 7 | 5 | 7 | – | 7 | 4 | 7 | 8 | – |
| | Holyhead, Valley | 32 | 12.7 | −2 | S | 4 | c | 61 | 55 | 7 | 8 | 3 | – | 6 | 4 | 6 | 18 | – |
| | Hawarden | 15 | 12.4 | −2 | WSW | 2 | b | 57 | 54 | 8 | 5 | – | – | 1 | 1 | – | 40 | – |
| 8 | Manchester | 230 | 12.3 | −2 | – | 0 | b | 59 | 55 | 6 | 5 | – | – | 2 | 2 | – | 50 | – |
| | Squires Gate | 30 | 12.0 | −2 | SW | 3 | bc | 62 | 57 | 7 | – | 3 | – | 4 | 4 | – | 100 | – |
| | Silloth ... | 25 | 11.5 | −6 | S | 3 | c/r | 60 | 60 | 7 | 5 | 7 | – | 8 | 5 | 4 | 11 | 8 |
| 9 | Ashbourne ... | 590 | 12.9 | +6 | WNW | 2 | b-bc | 57 | 53 | 7 | – | 6 | – | 3 | 2 | – | 150 | – |
| | Snaith ... | 30 | 12.2 | −2 | W'S | 1 | zo | 59 | 55 | 5 | – | 4 | – | 3 | 3 | – | 100 | – |
| 10 | Spurn Head | 29 | 11.9 | 0 | S'W | 2 | ir | 60 | 58 | 6 | 5 | – | – | 7 | 7 | – | 15 | – |
| | Catterick (Sc.) | 195 | 11.4 | 0 | S'W | 2 | ir | 58 | 55 | 7 | 5 | 5 | – | 5 | 4 | 4 | 40 | – |
| | Tynemouth | 108 | 11.7 | −2 | W | 2 | c/pr | 60 | 58 | 7 | 8 | – | – | 6 | 6 | – | 15 | – |
| | Acklington | 138 | 10.4 | 0 | WSW | 3 | c | 59 | 56 | 7 | 5 | 7 | – | 7 | 4 | 7 | 50 | – |
| 11 | St. Abb's Head | 280 | 09.3 | −2 | SSW | 2 | c | 59 | 54 | 7 | 8 | – | – | 6 | 4 | 4 | 15 | 25 |
| | Leuchars ... | 31 | 09.4 | +4 | SW | 3 | c | 59 | 57 | 7 | 8 | – | – | 6 | 2 | 6 | 20 | 57 |
| | Montrose ... | 22 | 09.7 | −4 | W | 2 | zo | 57 | 56 | 6 | 4 | 3 | – | 7 | 6 | 7 | 20 | – |
| 12 | Abbotsinch | 19 | 10.7 | +4 | – | 0 | c-bc | 53 | 51 | 8 | 5 | 4 | – | 5 | 4 | 3 | 18 | – |
| | Prestwick ... | 30 | 11.1 | −2 | E | 1 | c | 57 | 54 | 7 | 8 | – | – | 7 | 7 | – | 60 | – |
| | West Freugh | 53 | 11.5 | −6 | NW | 3 | c | 56 | 56 | 8 | 8 | – | – | 7 | 3 | 7 | 12 | 25 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 12.1 | −2 | WSW | 1 | c | 59 | 58 | 7 | 5 | 7 | – | 7 | 5 | 7 | 24 | – |
| 13A | Machrihanish | 35 | 11.4 | −4 | W'S | 2 | c | 56 | 54 | 7 | 5 | 7 | – | 8 | 2 | 4 | 12 | 25 |
| | Tiree ... | 44 | 11.2 | −6 | W'S | 2 | c/d | 56 | 55 | 9 | 5 | – | – | 7 | 5 | 7 | 12 | 25 |
| | Oban ... | 74 | 10.9 | −6 | – | 0 | c | 56 | 53 | 9 | 5 | 3 | – | 6 | 2 | 5 | 15 | 40 |
| 13B | Stornoway ... | 12 | 08.1 | −4 | – | 0 | c | 53 | 51 | 8 | 5 | 7 | – | 7 | 3 | 4 | 20 | 40 |
| | Cape Wrath | 367 | 08.8 | −6 | SW | 1 | c | 55 | 52 | 9 | 8 | 7 | – | 6 | 4 | – | 15 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 08.8 | −2 | – | 0 | c | 55 | 55 | 6 | 8 | – | – | 6 | 4 | 6 | 10 | 25 |
| | Fraserburgh | 76 | 09.3 | −8 | W'S | 2 | zo | 56 | 55 | 6 | 5 | 7 | – | 7 | 4 | 5 | 20 | 40 |
| | Alness ... | 63 | 09.0 | −2 | – | 0 | c | 56 | 54 | 7 | 5 | 7 | – | 8 | 5 | 8 | 25 | – |
| | Wick ... | 114 | 09.3 | 0 | – | 0 | c-bc | 56 | 55 | 7 | 5 | 7 | – | 5 | 3 | 5 | 24 | – |
| 16 | Hatston ... | 45 | 08.1 | −2 | W'S | 3 | c | 57 | 54 | 8 | 5 | 7 | – | 6 | 4 | 4 | 18 | 25 |
| | Sumburgh ... | 15 | 07.2 | −6 | – | 0 | f | 53 | 53 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Sullom Voe | 12 | 07.0 | −8 | – | 0 | zo | 57 | 55 | 6 | 5 | – | – | 8 | 8 | – | 7 | – |
| 17 | Blacksod Point | 18 | 13.5 | −2 | NW | 1 | c | 57 | 49 | 8 | 5 | – | – | 8 | 8 | – | 25 | – |
| 18 | Malin Head | 84 | 11.6 | −2 | W | 1 | c | 55 | 50 | 7 | 5 | – | – | 6 | 6 | – | 8 | – |
| | Aldergrove | 294 | 12.1 | −2 | – | 0 | c | 57 | 55 | 8 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Cas. Archdale | 240 | 13.1 | −2 | WNW | 2 | c | 57 | 51 | 8 | 5 | – | – | 7 | 3 | 7 | 12 | 40 |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 12.3 | +6 | NW | 2 | c-bc | 60 | 55 | 8 | 5 | – | – | 5 | 5 | – | 23 | – |
| 20 | Foynes ... | 3 | 13.8 | −2 | – | 0 | c | 58 | 53 | 8 | 5 | – | – | 7 | 7 | – | 24 | – |
| | Valentia ... | 30 | 14.3 | 0 | – | 0 | c | 58 | 53 | 8 | 5 | – | – | 7 | 7 | – | 27 | – |
| | Roches Point | 22 | 13.0 | +2 | N | 4 | bc | 61 | 59 | 8 | 3 | 3 | – | 4 | 2 | – | 15 | – |

## OBSERVATIONS at 06hr. G.M.T. 9th August

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A 0–9 (29) | Cloud Amount Low B 0–9 (30) | Height of Base Hundreds of feet A (31) | Height of Base Hundreds of feet B (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 12.5 | +6 | SW'W | 1 | zo | 60 | 55 | 6 | – | – | 8 | 6 | 6 | – | – | – | 0 | * |
| | Croydon ... | 12.8 | +8 | W'S | 1 | zo | 58 | 56 | 6 | – | – | 3 | 4 | 4 | – | – | – | 0 | * |
| | Boscombe Down | 13.7 | +2 | WNW | 2 | F+ | 54 | 54 | 1 | – | – | – | 9 | 9 | – | 0 | – | 0 | * |
| | Thorney Island | 13.1 | −2 | NW | 3 | c-bcfg | 58 | 56 | 7 | – | – | 6 | 5 | 5 | – | 200 | – | 0 | * |
| | Friston ... | | | | | | | | | | | | | | | | | | * |
| | Lympne ... | 12.5 | −2 | NNW | 1 | b | 59 | 53 | 7 | – | – | – | 0 | 0 | 0 | – | – | 0 | §2 |
| | Manston ... | 12.1 | +2 | W'S | 1 | zo | 58 | 53 | 6 | 5 | – | – | 1 | 1 | – | 30 | – | 0 | * |
| 2 | North Weald | 13.0 | +4 | W'N | 2 | zo | 57 | 55 | 5 | – | 3 | 1 | 3 | 3 | 3 | 100 | – | 0 | * |
| | Felixstowe ... | 11.6 | 0 | WNW | 1 | oF+ | 58 | 57 | 1 | – | – | – | 8 | 8 | – | 12 | – | 0 | 1 |
| | Gorleston ... | 12.0 | −2 | – | 0 | f | 57 | 57 | 3 | 5 | – | – | 8 | 8 | – | 0 | – | 0 | 2 |
| | Mildenhall | 11.8 | +6 | W'S | 2 | F+ | 53 | 53 | 1 | – | – | – | 9 | 9 | – | 0 | – | 0 | * |
| | Bircham Newton | 11.8 | +6 | W | 1 | b-bcf | 55 | 55 | 1 | 5 | – | 5 | 3 | 1 | 3 | 50 | – | 1 | * |
| | Cranwell ... | 10.9 | 0 | W'S | 2 | zo | 58 | 56 | 5 | – | – | 6 | 4 | – | 4 | – | – | 0 | * |
| 3 | Cranfield ... | 12.6 | +2 | SW | 1 | zo | 56 | 54 | 6 | – | 4 | 4 | 5 | 2 | 4 | 80 | – | 0 | * |
| | Honiley ... | 12.2 | −2 | SW | 2 | b-bc | 55 | 53 | 7 | – | 4 | – | 3 | 3 | – | – | – | 0 | * |
| 4 | Little Rissington | 12.4 | 0 | NNW | 2 | c | 57 | 53 | 8 | – | 7 | 9 | 6 | 4 | 4 | 90 | – | 0 | * |
| | Shobden ... | 12.7 | −2 | S | 1 | c | 54 | 53 | 8 | 5 | 7 | – | 7 | 3 | 5 | 15 | 15 | 0 | * |
| 5 | Bristol ... | 13.5 | +6 | W | 1 | zo | 58 | 57 | 5 | – | 3 | 2 | 4 | 3 | 3 | – | – | 0 | * |
| | Chivenor ... | 13.5 | 0 | SE | 2 | m/f | 56 | 56 | 4 | 5 | 7 | – | 7 | 5 | 7 | – | – | 0 | * |
| | Yeovilton | 13.6 | +28 | WNW | 1 | c-bcf | 55 | 54 | 7 | 5 | 3 | – | 5 | 4 | 4 | 5 | – | 0 | * |
| | Portland Bill | 13.1 | +6 | N | 2 | c-bc | 59 | 55 | 7 | 5 | – | – | 5 | 5 | – | 50 | – | 1 | 3 |
| | Exeter ... | 14.1 | +10 | NE | 1 | F | 56 | 56 | 1 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| | Plymouth ... | 14.4 | +8 | NW | 1 | bcf | 54 | 53 | 8 | 5 | 4 | 2 | 4 | 3 | 3 | – | – | 0 | 1 |
| | St. Eval ... | 14.3 | +2 | – | 0 | c-bcf | 58 | 57 | 2 | 5 | – | – | 5 | 5 | – | 0 | – | 1 | * |
| | The Lizard | 12.9 | −4 | – | 0 | zo | 59 | 57 | 6 | 2 | – | – | 4 | 4 | – | 25 | – | 1 | 2 |
| | Scilly, St. Marys | 14.0 | +2 | NW | 1 | bc | 59 | 59 | 8 | 2 | 4 | 9 | 4 | 3 | 3 | 22 | 57 | 1 | 1 |
| 6 | Fairwood ... | 13.2 | +2 | – | 0 | bc/pr | 60 | 60 | 7 | 8 | – | – | 4 | 4 | 4 | 4 | 25 | 1 | * |
| | Pembroke ... | 12.7 | −4 | W | 2 | bc | 60 | 59 | 8 | 2 | – | – | 4 | 4 | – | 25 | – | 1 | 2 |
| | Aberporth ... | 13.3 | −4 | SW | 3 | c-bc | 58 | 58 | 7 | 5 | 4 | 9 | 5 | 2 | 2 | 3 | 25 | 1 | 2 |
| 7 | Penrhos ... | 11.0 | −8 | NNW | 3 | zo | 60 | 58 | 6 | 5 | – | – | 7 | 4 | 7 | 3 | 57 | 0 | 2 |
| | Holyhead, Valley | 12.7 | −2 | WSW | 2 | c | 59 | 58 | 7 | 5 | – | – | 7 | 3 | 7 | 2 | 15 | 1 | 2 |
| | Hawarden | 11.4 | 0 | ESE | 2 | c-bc | 55 | 53 | 8 | 5 | – | 9 | 5 | 5 | 5 | 40 | – | 0 | * |
| 8 | Manchester | 11.7 | 0 | S'W | 2 | c-bc | 56 | 54 | 7 | 2 | – | 9 | 5 | 5 | 7 | 25 | – | 0 | * |
| | Squires Gate | 11.3 | +4 | NW | 3 | c | 61 | 58 | 7 | 5 | – | – | 6 | 4 | 5 | 12 | 40 | 1 | |
| | Silloth ... | 11.1 | +4 | NNW | 3 | c | 59 | 51 | 9 | 5 | – | – | 7 | 3 | 7 | 20 | 40 | 1 | * |
| 9 | Ashbourne ... | 12.0 | −2 | W'S | 2 | bbc/f | 52 | 52 | 6 | 5 | 4 | 4 | 3 | 2 | 2 | 50 | – | 0 | * |
| | Snaith ... | 11.4 | 0 | SE | 1 | ir | 55 | 53 | 4 | 5 | 4 | 1 | 6 | 4 | 3 | 40 | – | 1 | * |
| 10 | Spurn Head | 11.0 | −2 | WNW | 3 | zo | 61 | 57 | 6 | 5 | 4 | – | 4 | 3 | 3 | 25 | 72 | 1 | 1 |
| | Catterick (Sc.) | 10.2 | −2 | SSW | 2 | c | 60 | 58 | 7 | 5 | 7 | – | 6 | 5 | 4 | 25 | – | 1 | * |
| | Tynemouth | 11.1 | +6 | W | 2 | zo | 58 | 56 | 6 | 8 | – | – | 5 | 5 | – | 22 | – | 0 | 2 |
| | Acklington | 10.0 | +4 | W'N | 1 | c-bc | 55 | 51 | 7 | 5 | 7 | – | 5 | 3 | 6 | 20 | – | 0 | * |
| 11 | St. Abb's Head | 08.7 | +4 | WSW | 4 | b-bc | 55 | 44 | 9 | 4 | – | – | 3 | 3 | – | 20 | – | 0 | * |
| | Leuchars ... | 08.5 | +4 | W | 2 | c-bc | 51 | 51 | 8 | 5 | 3 | – | 5 | 4 | 3 | 50 | – | 1 | * |
| | Montrose ... | 09.4 | +6 | W | 2 | c | 51 | 49 | 9 | 4 | 6 | – | 6 | 6 | 4 | 20 | – | 0 | * |
| 12 | Abbotsinch | 09.9 | +2 | W.S | 1 | c | 57 | 53 | 8 | 5 | – | – | 6 | 4 | 4 | 6 | 15 | 1 | * |
| | Prestwick ... | 10.4 | −2 | W'S | 4 | c | 58 | 52 | 8 | 8 | 7 | – | 7 | 4 | 5 | 14 | 40 | 1 | * |
| | West Freugh | 10.9 | 0 | NW | 2 | c | 56 | 54 | 8 | 5 | – | – | 8 | 1 | 8 | 8 | 40 | 0 | * |
| | Eskdalemuir | 11.2 | +4 | – | 0 | c | 55 | 48 | 8 | 5 | – | – | 6 | 6 | – | 28 | – | | * |
| | Jurby, I. of Man | 12.0 | +2 | W | 3 | c | 57 | 54 | 8 | 5 | 3 | – | 7 | 3 | 5 | 22 | 40 | 0 | * |
| 13A | Machrihanish | 10.7 | −6 | SW'W | 3 | c | 56 | 52 | 8 | 8 | – | – | 7 | 3 | 4 | 10 | 25 | 0 | 2 |
| | Tiree ... | 10.3 | −6 | WSW | 1 | c | 55 | 54 | 9 | 5 | 7 | – | 7 | 2 | 4 | 6 | 40 | 1 | 1 |
| | Oban ... | 10.3 | +2 | SW | 1 | dr | 55 | 54 | 8 | 5 | – | – | 8 | 1 | 8 | 8 | 25 | 1 | 1 |
| 13B | Stornoway ... | 07.0 | −4 | SSW | 2 | c/d | 55 | 54 | 8 | 5 | 7 | – | 7 | 4 | 5 | 6 | 25 | 0 | 1 |
| | Cape Wrath | 07.2 | −6 | SW | 4 | pr | 54 | 54 | 9 | 8 | 7 | – | 6 | 4 | – | 15 | – | 1 | 3 |
| 15 | Dalwhinnie | 08.5 | −2 | SW | 1 | 0 | 51 | 50 | 7 | 5 | – | – | 8 | 8 | – | 18 | – | 1 | * |
| | Aberdeen† ... | 08.3 | +2 | N'E | 2 | c | 54 | 51 | 9 | 5 | – | – | 6 | 6 | – | 40 | – | 1 | 1 |
| | Fraserburgh | 08.4 | 0 | WNW | 1 | c | 56 | 53 | 8 | 5 | 3 | 1 | 6 | 5 | 6 | 9 | 40 | 0 | |
| | Alness ... | 08.1 | −2 | WSW | 1 | c/f | 55 | 52 | 9 | 5 | – | – | 7 | 2 | 7 | 20 | 40 | 1 | * |
| | Wick ... | 07.5 | −2 | SW | 1 | c | 52 | 50 | 9 | 5 | – | – | 7 | 2 | 7 | 8 | 57 | 1 | * |
| 16 | Hatston ... | 06.8 | −4 | SW'S | 3 | bc | 55 | 53 | 8 | 5 | – | – | 4 | 4 | 3 | 6 | 40 | * | * |
| | Sumburgh ... | 06.0 | −2 | WSW | 2 | bc | 54 | 53 | 9 | 5 | 3 | – | 4 | 1 | 4 | 5 | – | 1 | |
| | Sullom Voe | 05.2 | −8 | WSW | 3 | c | 55 | 54 | 8 | 5 | – | – | 6 | 2 | 6 | 2 | 25 | 0 | * |
| 17 | Blacksod Point | 12.6 | −6 | W | 1 | c | 57 | 52 | 8 | 5 | – | – | 8 | 8 | – | 25 | – | 1 | 2 |
| 18 | Malin Head | 10.3 | −6 | W | 1 | c | 57 | 52 | 8 | 8 | – | – | 6 | 6 | – | 8 | – | 0 | 1 |
| | Aldergrove | 11.7 | −2 | W'N | 2 | c | 56 | 52 | 8 | 5 | 7 | – | 7 | 3 | 8 | 10 | 40 | 1 | * |
| | Cas. Archdale | 12.9 | +2 | NW | 2 | c/d | 59 | 53 | 9 | 5 | 7 | – | 7 | 3 | 5 | 10 | 25 | 1 | * |
| 19 | Birr Castle ... | 12.9 | +2 | WNW | 1 | c | 58 | 53 | 8 | 5 | 1 | – | 8 | 5 | – | 25 | – | 0 | * |
| | Collinstown | 12.7 | +6 | NNW | 2 | c | 57 | 52 | 9 | 5 | – | – | 8 | 8 | – | 35 | – | 0 | * |
| 20 | Foynes ... | 13.8 | +2 | W | 1 | c/d | 58 | 53 | 8 | 5 | – | – | 7 | 7 | – | 21 | – | 0 | * |
| | Valentia ... | 14.0 | +2 | WNW | 2 | c | 59 | 54 | 9 | 5 | – | – | 7 | 7 | – | 26 | – | 0 | 1 |
| | Roches Point | 13.3 | 0 | N | 3 | bc | 60 | 55 | 8 | 5 | – | – | 4 | 4 | – | 25 | – | 0 | 2 |

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h-18h °F (35) | Temperature Min. Night 18h-6h °F (36) | Temperature Min. on Grass °F (37) | Rainfall Day 6h-18h mm. (38) | Rainfall Night 18h-6h mm. (39) | Sunshine 8th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 77 | 58 | 45 | – | Tr | 7.5 |
| Croydon ... | 79 | 54 | 49 | – | – | 9.1 |
| Boscombe Down | 78 | 53 | 43 | – | – | 11.0 |
| Thorney Island | 78 | 54 | 48 | – | – | * |
| Friston ... | | | | | | |
| Lympne ... | 71 | 55 | 48 | – | – | 10.6 |
| Manston ... | 68 | 56 | 49 | – | – | 6.5 |
| North Weald | 79 | 53 | * | * | * | * |
| Felixstowe ... | 68 | 51 | 51 | – | 0.1 | 6.8 |
| Gorleston ... | 64 | 56 | 51 | – | – | 8.5 |
| Mildenhall | 81 | 51 | 46 | Tr | Tr | 8.6 |
| Bircham Newton | 78 | 53 | 44 | – | Tr | * |
| Cranwell ... | 78 | 56 | 53 | Tr | 0.4 | 7.5 |
| Cranfield ... | 78 | 72 | 48 | – | – | * |
| Honiley ... | 78 | 55 | 48 | – | – | * |
| Little Rissington | * | 56 | 51 | – | – | * |
| Shobden ... | 75 | 48 | 40 | – | – | * |
| Bristol ... | 76 | 53 | 43 | – | Tr | 11.1 |
| Chivenor ... | 73 | 54 | 44 | – | – | * |
| Yeovilton | 80 | 51 | | Tr | Tr | * |
| Portland Bill | 68 | 51 | * | – | – | * |
| Exeter ... | 76 | 54 | 46 | 1 | Tr | * |
| Plymouth ... | 67 | 54 | 43 | – | – | 12.9 |
| St. Eval ... | 68 | 54 | 45 | – | – | * |
| The Lizard | 71 | 57 | * | – | | 12.6 |
| Scilly, St. Marys | 71 | 57 | * | – | – | 10.9 |
| Fairwood ... | * | 54 | 47 | – | 0.5 | * |
| Pembroke ... | 68 | 56 | * | – | – | 8.4 |
| Aberporth ... | 68 | 56 | 47 | Tr | – | 8.8 |
| Penrhos ... | 70 | 58 | 35 | Tr | – | * |
| Holyhead, Valley | 66 | 58 | 56 | – | * | * |
| Hawarden | 76 | 51 | 44 | Tr | – | 8.1 |
| Manchester | 76 | 55 | 47 | Tr | Tr | * |
| Squires Gate | 71 | 56 | 55 | – | 4 | * |
| Silloth ... | 67 | 58 | 56 | – | 3 | * |
| Ashbourne ... | 75 | 51 | 46 | – | – | * |
| Snaith ... | 76 | 53 | 47 | 8 | Tr | * |
| Spurn Head | 71 | 58 | * | 9 | Tr | 4.6 |
| Catterick (Sc.) | 76 | 56 | 49 | 0.1 | 2 | 5.3 |
| Tynemouth | 73 | 57 | 54 | 0.3 | 3 | |
| Acklington | 75 | 55 | 50 | 0.3 | – | * |
| St. Abb's Head | 72 | 54 | * | 1 | 10 | * |
| Leuchars ... | 69 | 49 | 42 | 8 | Tr | 1.0 |
| Montrose ... | 69 | 50 | 49 | 9 | 0.2 | * |
| Abbotsinch | 69 | 52 | 43 | 1 | 0.4 | 2.2 |
| Prestwick ... | 69 | 57 | 55 | 2 | 0.4 | * |
| West Freugh | 69 | 54 | 52 | 2 | Tr | * |
| Eskdalemuir | 66 | 53 | 44 | 2 | Tr | 1.7 |
| Jurby, I. of Man | 69 | 57 | 56 | 1 | 2 | * |
| Machrihanish | 67 | 55 | 55 | 1 | Tr | * |
| Tiree ... | 65 | 55 | 52 | Tr | 0.1 | 2.8 |
| Oban ... | 64 | 54 | * | * | * | * |
| Stornoway ... | 65 | 51 | 45 | 0.4 | 0.1 | 2.7 |
| Cape Wrath | 62 | 54 | * | 2 | 1 | * |
| Dalwhinnie | 64 | 47 | 35 | 12 | Tr | 1.0 |
| Aberdeen† ... | 72 | 54 | 50 | 2 | 4 | 1.4 |
| Fraserburgh | 68 | 53 | 50 | 17 | Tr | * |
| Alness ... | 66 | 51 | 45 | 7 | 7 | * |
| Wick ... | 64 | 48 | 44 | 2 | 1 | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 57 | 52 | 50 | 0.5 | Tr | 0.0 |
| Sullom Voe | 62 | 54 | 55 | Tr | Tr | * |
| Blacksod Point | 64 | 54 | * | 0.2 | Tr | * |
| Malin Head | 63 | 55 | | 2 | 0.1 | 2.2 |
| Aldergrove | 70 | 55 | 49 | 1 | Tr | 4.5 |
| Cas. Archdale | 67 | 55 | 53 | 0.4 | Tr | * |
| Birr Castle ... | 75 | 57 | [illegible] | – | – | 11.7 |
| Collinstown | 70 | 57 | [illegible] | Tr | Tr | 9.3 |
| Foynes ... | 70 | 57 | [illegible] | Tr | Tr | 3.4 |
| Valentia ... | 66 | 58 | 52 | Tr | Tr | 8.6 |
| Roches Point | 69 | 59 | * | Tr | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Thursday 10th August 1944

No. 30212

## OBSERVATIONS at 12h. G.M.T. 9th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A 0-9 (13) | Cloud Amount Low B 0-9 (14) | Height of Base Hundreds of feet A (15) | Height of Base B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 12.5 | -2 | WSW | 2 | ebc | 73 | 55 | 8 | 2 | 3 | 6 | 5 | 4 | 3 | 31 | – |
| | Croydon | 12.8 | +2 | WSW | 2 | ebc | 74 | 54 | 8 | 1 | – | 2 | 5 | 3 | 5 | 30 | – |
| | Boscombe Down | 13.4 | -2 | W | 3 | c | 72 | 56 | 8 | 1 | – | 6 | 6 | 4 | 5 | 25 | – |
| | Thorney Island | 13.5 | +4 | SW | 3 | c | 75 | 56 | 8 | 1 | – | 8 | 6 | 3 | 6 | 35 | – |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 13.0 | +2 | SSE | 3 | ebc | 69 | 53 | 7 | 2 | – | – | 5 | 4 | 5 | 18 | – |
| | Manston | 12.2 | 0 | NNW | 2 | zo | 75 | 55 | 6 | 2 | – | 6 | 4 | 2 | 4 | 25 | – |
| 2 | North Weald | 12.7 | -2 | WNW | 4 | ebc | 75 | 55 | 8 | 2 | – | 2 | 5 | 4 | 5 | 30 | – |
| | Felixstowe | 11.9 | -2 | W | 3 | bc | 79 | 57 | 7 | 2 | – | – | 4 | 4 | – | 30 | – |
| | Gorleston | 12.1 | -4 | NE | 2 | ebc | 65 | 57 | 7 | 8 | – | – | 5 | 5 | – | 17 | – |
| | Mildenhall | 11.4 | -2 | NNW | 3 | cbc | 76 | 53 | 9 | 1 | 3 | 2 | 5 | 4 | 1 | 28 | – |
| | Bircham Newton | 11.4 | -2 | WSW | 3 | ebc | 73 | 55 | 7 | 2 | 8 | 5 | 5 | 3 | 3 | 30 | – |
| | Cranwell | 11.4 | 0 | WN | 3 | zo | 72 | 58 | 6 | 6 | – | – | 6 | 5 | 3 | 31 | – |
| 3 | Cranfield | 12.5 | -2 | WSW | 3 | bc | 70 | 54 | 8 | 1 | – | 9 | 4 | 4 | 4 | 30 | – |
| | Honiley | 11.7 | -6 | SW | 4 | c | 73 | 54 | 8 | 8 | 4 | 9 | 7 | 5 | 3 | 25 | – |
| 4 | Little Rissington | 11.8 | -10 | WNW | 3 | ebc | 69 | 55 | 8 | 5 | 3 | 9 | 5 | 4 | 2 | 25 | – |
| | Shobden | 12.3 | -10 | SSW | 3 | c | 70 | 55 | 8 | 2 | 6 | 9 | 6 | 4 | 5 | 25 | – |
| 5 | Bristol | 13.4 | -2 | WSW | 4 | ebc | 73 | 56 | 8 | 2 | 5 | 2 | 5 | 4 | 3 | 35 | – |
| | Chivenor | 14.3 | +2 | WSW | 4 | ebc | 68 | 59 | 8 | 8 | 3 | 4 | 5 | 4 | 1 | 20 | 40 |
| | Yeovilton | 13.6 | -2 | NW | 1 | ebc | 73 | 62 | 8 | 2 | – | 9 | 5 | 4 | – | 25 | – |
| | Portland Bill | 14.3 | +2 | SW | 1 | ebc | 65 | 56 | 8 | 2 | – | – | 5 | 5 | – | 50 | – |
| | Exeter | 14.0 | -4 | WNW | 4 | c | 72 | 59 | 8 | 1 | 7 | 4 | 6 | 4 | 3 | 15 | – |
| | Plymouth | 15.1 | +2 | SSW | 3 | ebc | 66 | 61 | 8 | 8 | 3 | 3 | 5 | 3 | 3 | 25 | 40 |
| | St. Eval | 15.1 | +4 | WSW | 3 | ebc | 66 | 60 | 9 | 7 | – | 6 | 5 | 3 | 2 | 25 | 40 |
| | The Lizard | 14.9 | +8 | WNW | 2 | bc | 59 | 61 | 8 | 1 | 4 | 1 | 4 | 4 | 2 | 25 | 57 |
| | Scilly, St. Marys | 15.7 | +6 | W | 2 | bc | 63 | 53 | 9 | 7 | 4 | 4 | 4 | 3 | 2 | 25 | – |
| 6 | Fairwood | 13.5 | -2 | SSW | 3 | bc | 68 | 58 | 8 | 8 | 3 | 6 | 4 | 2 | 4 | 12 | 25 |
| | Pembroke | 13.8 | +8 | W | 2 | bc | 63 | 58 | 8 | 2 | 4 | 1 | 4 | 3 | 4 | 25 | – |
| | Aberporth | 13.2 | +2 | NW | 4 | c | 65 | 58 | 7 | 2 | 6 | 2 | 6 | 3 | 4 | 20 | 57 |
| 7 | Penrhos | 12.5 | +2 | NNW | 3 | c | 66 | 55 | 8 | 5 | 7 | 9 | 6 | 3 | 4 | 30 | – |
| | Holyhead, Valley | 13.6 | +2 | WNW | 3 | c | 66 | 52 | 9 | 7 | 8 | 6 | 7 | 2 | 4 | 25 | 57 |
| | Hawarden | 12.2 | +2 | WNW | 3 | c | 65 | 54 | 8 | 5 | 7 | – | 6 | 3 | 4 | 25 | 40 |
| 8 | Manchester | 12.1 | -2 | NNW | 3 | c | 65 | 55 | 7 | 5 | – | – | 7 | 7 | – | 20 | – |
| | Squires Gate | 12.3 | +4 | WNW | 4 | c | 63 | 52 | 9 | 5 | – | – | 8 | 3 | 8 | 20 | 40 |
| | Silloth | 10.9 | -2 | SW | 4 | c | 61 | 53 | 9 | 7 | 7 | – | 8 | 3 | 5 | 28 | 40 |
| 9 | Ashbourne | 11.8 | -4 | WSW | 3 | c | 67 | 58 | 7 | 8 | 6 | – | 7 | 4 | 6 | 12 | 25 |
| | Snaith | 11.5 | -2 | WN | 4 | c | 68 | 55 | 7 | 5 | 3 | – | 6 | 5 | 1 | 20 | 25 |
| 10 | Spurn Head | 11.0 | +2 | NNW | 3 | zo | 65 | 58 | 6 | 7 | – | – | 7 | 7 | – | 15 | – |
| | Catterick (Sc.) | 10.6 | -2 | NW | 3 | c | 63 | 54 | 8 | 7 | 7 | – | 7 | 4 | 5 | 25 | 57 |
| | Tynemouth | 10.8 | +4 | W | 3 | c | 64 | 50 | 7 | 8 | – | – | 6 | 6 | – | 22 | – |
| | Acklington | 09.7 | +2 | WSW | 3 | c | 63 | 50 | 9 | 7 | 4 | – | 7 | 4 | 6 | 25 | 57 |
| 11 | St. Abb's Head | 08.8 | +2 | WNW | 2 | c | 60 | 50 | 8 | 8 | 5 | 8 | 6 | 4 | 3 | 25 | 40 |
| | Leuchars | 09.3 | +4 | WSW | 4 | c | 63 | 52 | 8 | 8 | 7 | – | 8 | 5 | 8 | 15 | 57 |
| | Montrose | 08.8 | -2 | SW | 3 | c | 65 | 54 | 9 | 8 | 7 | – | 6 | 4 | 5 | 30 | 40 |
| 12 | Abbotsinch | 09.9 | 0 | W | 2 | c | 61 | 52 | 9 | 8 | 7 | – | 7 | 3 | 4 | 8 | 10 |
| | Prestwick | 10.6 | +2 | W'S | 4 | c/pr | 59 | 53 | 8 | 8 | – | – | 8 | 2 | 5 | 10 | 15 |
| | West Freugh | 11.0 | -2 | WSW | 3 | c | 61 | 51 | 9 | 7 | 1 | – | 8 | 3 | 5 | 23 | 40 |
| | Eskdalemuir | 09.9 | 0 | WSW | 3 | c | 58 | 50 | 8 | 5 | 2 | – | 8 | 6 | 8 | 33 | – |
| | Jurby, I. of Man | 12.1 | 0 | WSW | 3 | c | 60 | 53 | 9 | 7 | 7 | – | 7 | 3 | 4 | 25 | 57 |
| 13A | Machrihanish | 10.9 | 0 | WSW | 2 | c | 57 | 53 | 8 | 8 | 7 | – | 8 | 3 | 5 | 10 | 25 |
| | Tiree | 09.9 | -1 | SW | 2 | pr | 58 | 54 | 8 | 8 | 2 | – | 8 | 4 | 4 | 10 | 25 |
| | Oban | 10.1 | +2 | SW | 3 | c | 61 | 56 | 9 | 8 | 7 | – | 7 | 1 | 5 | 15 | 25 |
| 13B | Stornoway | 06.6 | -2 | WSW | 3 | cjp | 61 | 56 | 8 | 8 | 7 | – | 7 | 4 | 6 | 10 | 40 |
| | Cape Wrath | 07.2 | 0 | SW | 3 | ido | 55 | 55 | 7 | 5 | 7 | – | 7 | 4 | – | 8 | – |
| 15 | Dalwhinnie | 08.5 | -2 | SW | 3 | c | 59 | 50 | 7 | 5 | 3 | – | 7 | 4 | 7 | 25 | – |
| | Aberdeen | 08.0 | 0 | ESE | 2 | c | 63 | 52 | 8 | 8 | – | 8 | 7 | 3 | 6 | 25 | 40 |
| | Fraserburgh | 07.8 | -2 | NW | 2 | c | 61 | 54 | 9 | 8 | 7 | 8 | 7 | 4 | 5 | 20 | – |
| | Alness | 07.3 | -8 | W | 3 | c | 67 | 53 | 9 | 8 | – | – | 7 | 7 | – | 25 | – |
| | Wick | 06.9 | +2 | W | 1 | pr | 59 | 56 | 8 | 8 | 7 | – | 7 | 4 | 7 | 10 | 25 |
| 16 | Hatston | 06.4 | 0 | SW | 4 | c/pr | 60 | 54 | 7 | 8 | 7 | – | 7 | 2 | 4 | 7 | 15 |
| | Sumburgh | 05.5 | -4 | SW | 4 | ebc | 58 | 54 | 9 | 1 | 3 | 8 | 5 | 1 | 5 | 9 | 57 |
| | Sullom Voe | 05.0 | -2 | WSW | 4 | c | 61 | 53 | 8 | 2 | 3 | – | 6 | 4 | 4 | 8 | 15 |
| 17 | Blacksod Point | 10.8 | -10 | SSW | 4 | ido | 60 | 58 | 7 | 6 | – | – | 8 | 8 | – | 15 | – |
| 18 | Malin Head | 09.9 | -6 | SWW | 2 | iro | 58 | 53 | 7 | 5 | – | – | 8 | 8 | – | 8 | – |
| | Aldergrove | 11.4 | -6 | SWW | 3 | c | 60 | 53 | 8 | 8 | – | – | 8 | 5 | 8 | 20 | 40 |
| | Cas. Archdale | 12.2 | -6 | SW | 3 | c | 58 | 53 | 8 | 5 | 1 | – | 7 | 1 | 5 | 10 | 25 |
| 19 | Birr Castle | 12.3 | -4 | SW | 2 | c | 63 | 54 | 8 | 5 | 2 | – | 8 | 5 | – | 25 | – |
| | Collinstown | 12.7 | 0 | SWW | 3 | c/d | 60 | 51 | 9 | 5 | – | – | 7 | 7 | – | 25 | – |
| 20 | Foynes | 13.2 | -2 | WNW | 2 | c | 63 | 54 | 8 | 5 | – | – | 8 | 8 | – | 24 | – |
| | Valentia | 14.4 | +2 | SW | 3 | c | 63 | 58 | 8 | 5 | – | – | 8 | 8 | – | 18 | – |
| | Roches Point | 14.2 | 0 | SW | 2 | c | 61 | 59 | 8 | 8 | – | – | 8 | 8 | – | 15 | – |

## OBSERVATIONS at 18h. G.M.T. 9th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Low A 0-9 (29) | Low B 0-9 (30) | Height of Base Hundreds of feet A (31) | B (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 11.5 | -2 | WSW | 3 | c | 75 | 50 | 8 | 2 | 3 | 6 | 6 | 3 | 3 | 31 | – | 0 | * |
| Croydon | 11.7 | -2 | WSW | 3 | c | 75 | 52 | 9 | 4 | 6 | 6 | 7 | 4 | 3 | 35 | – | 0 | * |
| Boscombe Down | 12.9 | -8 | W'N | 3 | c | 71 | 59 | 8 | 1 | 3 | 6 | 7 | 4 | 4 | 30 | – | 0 | * |
| Thorney Island | 13.2 | +2 | WSW | 3 | c | 68 | 59 | 8 | 2 | – | 6 | 7 | 1 | 4 | 35 | – | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 12.3 | -2 | SW | 3 | c | 72 | 57 | 7 | 2 | 9 | 9 | 6 | 3 | 4 | 35 | – | 0 | § |
| Manston | 11.4 | -6 | – | 0 | zo | 75 | 56 | 6 | 2 | 3 | 8 | 7 | 4 | 5 | 35 | – | 0 | * |
| North Weald | 12.2 | -2 | WSW | 4 | c | 74 | 55 | 8 | 1 | 7 | 6 | 7 | 4 | 4 | 35 | – | 0 | * |
| Felixstowe | 10.6 | -6 | WSW | 2 | c | 73 | 59 | 8 | 7 | 7 | – | 7 | 3 | 5 | 30 | 57 | 0 | 2 |
| Gorleston | 11.5 | -6 | SE'S | 2 | zo | 66 | 63 | 6 | – | 7 | – | 7 | 7 | – | 78 | – | 0 | 2 |
| Mildenhall | 10.4 | -8 | W'S | 3 | c | 75 | 54 | 8 | 4 | 3 | – | 7 | 3 | 7 | 40 | – | 0 | * |
| Bircham Newton | 10.5 | -2 | NNE | 3 | zo | 68 | 58 | 6 | 4 | 7 | – | 8 | 4 | 8 | 35 | – | 0 | * |
| Cranwell | 10.6 | 0 | WNW | 3 | zo | 70 | 58 | 6 | 8 | 7 | – | 7 | 5 | 7 | 45 | – | 0 | * |
| Cranfield | 11.4 | -2 | SW | 3 | c | 73 | 55 | 7 | 2 | 7 | 6 | 7 | 3 | 4 | 30 | – | 0 | * |
| Honiley | 10.6 | -6 | W | 3 | c | 72 | 54 | 8 | 7 | 7 | – | 8 | 3 | 4 | 20 | 25 | 0 | |
| Little Rissington | 11.2 | +2 | SW | 3 | c | 68 | 54 | 8 | 5 | 4 | 3 | 7 | 4 | 1 | 70 | – | 0 | * |
| Shobden | 12.5 | +6 | W | 4 | c | 66 | 54 | 8 | 8 | – | 6 | 7 | 4 | 5 | 25 | 40 | 0 | * |
| Bristol | 13.0 | -2 | W | 4 | bc | 69 | 57 | 8 | 1 | 3 | 2 | 5 | 2 | 2 | 35 | – | 0 | * |
| Chivenor | 14.1 | -2 | W | 4 | c | 67 | 52 | 8 | 8 | 6 | 4 | 5 | 4 | 4 | 15 | 25 | 0 | * |
| Yeovilton | 13.1 | +2 | NW | 2 | c | 71 | 63 | 8 | 8 | 4 | 5 | 5 | 4 | 5 | 20 | 25 | 0 | * |
| Portland Bill | 13.9 | -2 | SW | 4 | c | 63 | 61 | 8 | 2 | 4 | – | 5 | 4 | 5 | 50 | 72 | 1 | 4 |
| Exeter | 13.6 | +4 | NW | 4 | o | 71 | 59 | 8 | 7 | 4 | 6 | 7 | 4 | 3 | 25 | – | 0 | * |
| Plymouth | 14.5 | -2 | SSW | 3 | c | 65 | 60 | 8 | 1 | 3 | 2 | 5 | 4 | 2 | 25 | – | 0 | 2 |
| St. Eval | 15.1 | +2 | W'S | 4 | c | 63 | 59 | 9 | 1 | – | – | 6 | 4 | 6 | 35 | 57 | 0 | 0 |
| The Lizard | 14.9 | 0 | W | 3 | c | 66 | 59 | 8 | 2 | 3 | 2 | 5 | 4 | 2 | 25 | 57 | 0 | 2 |
| Scilly, St. Marys | 15.5 | +2 | W | 2 | c | 65 | 58 | 8 | 8 | – | – | 7 | 7 | – | 25 | – | 0 | 1 |
| Fairwood | 13.7 | 0 | W'S | 4 | c | 65 | 56 | 9 | 8 | – | 8 | 7 | 3 | 5 | 20 | 40 | 1 | * |
| Pembroke | 13.9 | -4 | WSW | 2 | c | 61 | 57 | 8 | 8 | – | – | 6 | 5 | – | 25 | – | 0 | 2 |
| Aberporth | 13.3 | +2 | W'S | 3 | c | 62 | 55 | 9 | 5 | – | – | 7 | 7 | – | 20 | – | 0 | 3 |
| Penrhos | 12.1 | -2 | SW | 3 | c | 60 | 57 | 8 | 5 | – | – | 8 | [illegible] | – | 25 | – | 0 | 2 |
| Holyhead, Valley | 12.1 | -10 | SSW | 3 | c | 61 | 53 | 9 | 8 | 7 | – | 8 | 3 | 5 | 15 | 40 | 0 | 2 |
| Hawarden | 11.7 | -4 | NW | 3 | c | 63 | 53 | 8 | 8 | 7 | – | 7 | 4 | 6 | 30 | – | 0 | * |
| Manchester | 11.8 | 0 | NW'W | 3 | c | 61 | 52 | 8 | 5 | 7 | – | 7 | – | 7 | 50 | – | 0 | * |
| Squires Gate | 11.3 | -6 | WNW | 3 | iro | 61 | 53 | 8 | 5 | 2 | – | 8 | 6 | 8 | 20 | – | 0 | * |
| Silloth | 10.4 | -4 | SW | 3 | roro | 59 | 54 | 8 | 5 | 2 | – | 8 | 4 | 5 | 12 | 25 | 0 | * |
| Ashbourne | 11.5 | -2 | W | 2 | c | 62 | 55 | 7 | 5 | 7 | – | 7 | 5 | 7 | 50 | – | 0 | ∞ |
| Snaith | 11.6 | 0 | W'N | 2 | iro | 60 | 55 | 6 | 5 | 7 | – | 8 | 4 | 8 | 30 | – | | * |
| Spurn Head | 10.8 | 0 | NW'W | 4 | zo | 65 | 56 | 6 | 7 | – | – | 8 | 8 | – | 25 | – | 0 | * |
| Catterick (Sc.) | 10.6 | +2 | SW'W | 3 | iro | 60 | 53 | 8 | 5 | 7 | – | 8 | 4 | 8 | 25 | – | 0 | ∞ |
| Tynemouth | 10.7 | -2 | W | 2 | zo | 61 | 53 | 6 | 8 | – | – | 7 | 7 | – | 22 | – | 1 | |
| Acklington | 09.5 | 0 | W | 3 | iro | 59 | 51 | 8 | 5 | 7 | – | 7 | 5 | 6 | 25 | 40 | 0 | ∞ |
| St. Abb's Head | 08.1 | -4 | W | 3 | c | 59 | 49 | 9 | 7 | 2 | – | 8 | 2 | 4 | 20 | 25 | 0 | |
| Leuchars | 07.4 | -4 | SW | 3 | iro | 61 | 52 | 8 | 5 | 7 | – | 8 | 4 | 8 | 50 | – | 1 | * |
| Montrose | 07.5 | -10 | WSW | 4 | c | 62 | 53 | 9 | 5 | 7 | – | 7 | 3 | 7 | 30 | – | 0 | * |
| Abbotsinch | 08.8 | -6 | SW | 3 | iro | 58 | 55 | 7 | 5 | 7 | – | 8 | 3 | 5 | 12 | 15 | 1 | * |
| Prestwick | 09.2 | -8 | SW | | roro | 58 | 54 | 6 | 6 | 2 | – | 9 | 3 | 5 | 5 | 15 | 1 | * |
| West Freugh | 09.5 | -10 | SSW | 1 | dodo | 58 | 54 | 7 | 5 | – | – | 8 | 6 | 8 | 18 | 40 | 0 | * |
| Eskdalemuir | 08.7 | -4 | WSW | 3 | propr | 57 | 51 | 8 | 5 | 7 | – | 8 | 5 | 8 | 18 | 72 | 0 | * |
| Jurby, I. of Man | 10.9 | -10 | SW'S | 4 | c | 60 | 55 | 8 | 5 | 7 | – | 8 | 3 | 5 | 14 | 40 | 0 | * |
| Machrihanish | 08.6 | -14 | SE'S | 2 | ido | 58 | 56 | 7 | 8 | 7 | – | 8 | 2 | 4 | 10 | 15 | 0 | 1 |
| Tiree | 07.4 | -6 | SSE | 2 | dr | 58 | 57 | 6 | 6 | 2 | – | 8 | 5 | 8 | 3 | 8 | 1 | 2 |
| Oban | 08.6 | -6 | SW | 3 | roro | 57 | 55 | 6 | 5 | – | – | 8 | 4 | 8 | 8 | 15 | 1 | 2 |
| Stornoway | 04.9 | -8 | S | 3 | propr | 57 | 54 | 8 | 8 | 7 | – | 8 | 3 | 5 | 8 | 15 | 1 | 2 |
| Cape Wrath | 05.9 | -6 | SW | – | roro | 54 | 54 | 8 | 5 | 7 | – | 8 | 5 | 0 | 8 | – | 1 | 3 |
| Dalwhinnie | 07.0 | -8 | WSW | 3 | c | 55 | 49 | 7 | 5 | 2 | – | 8 | 6 | 8 | 20 | – | 0 | * |
| Aberdeen | 06.1 | -8 | SSW | 1 | c | 64 | 53 | 8 | 4 | 9 | – | 7 | 4 | 5 | 40 | – | 0 | 1 |
| Fraserburgh | 06.5 | -14 | SSW | 2 | cjp | 60 | 55 | 6 | 8 | 7 | – | 8 | 6 | – | 75 | – | 0 | |
| Alness | 06.2 | -4 | W | 3 | iro | 60 | 51 | 8 | 4 | 7 | – | 8 | 4 | 8 | 25 | – | 0 | * |
| Wick | 03.8 | -8 | SE | 3 | rr | 55 | 55 | 9 | 5 | – | – | 8 | 8 | – | 2 | – | 1 | * |
| Hatston | 05.0 | -6 | W | 4 | c | 58 | 53 | 8 | 8 | 7 | – | 7 | 4 | 4 | 15 | 40 | * | * |
| Sumburgh | 04.2 | -6 | SSW | 4 | c | 55 | 54 | 8 | 5 | 7 | 2 | 6 | 1 | 4 | 2 | 4 | 1 | 2 |
| Sullom Voe | 03.2 | -10 | WSW | 4 | c | 57 | 53 | 7 | 8 | 4 | – | 7 | 4 | 5 | 7 | 25 | 0 | * |
| Blacksod Point | 07.4 | -10 | SSW | 5 | jd | 62 | 61 | 6 | – | 2 | – | 8 | 8 | – | 4 | – | 1 | 4 |
| Malin Head | 0[illegible].4 | -22 | SSW | 3 | dd | 57 | 55 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 0 | 3 |
| Aldergrove | 09.2 | -12 | S'E | 1 | ido | 58 | 56 | 8 | 5 | – | – | 8 | 4 | 5 | 15 | 40 | 1 | * |
| Cas. Archdale | 09.3 | -14 | SSW | 3 | dd | 60 | 59 | 5 | 6 | 2 | – | 8 | 3 | 6 | 10 | 15 | 1 | * |
| Birr Castle | 10.2 | -12 | SW | 2 | c | 65 | 60 | 8 | 5 | 2 | – | 8 | 5 | – | 25 | – | 0 | * |
| Collinstown | 10.2 | -14 | SW | 4 | c | 64 | 55 | 9 | 5 | 3 | – | 7 | 5 | – | 40 | – | 0 | * |
| Foynes | 11.1 | -10 | SW | 3 | ido | 66 | 61 | 8 | 5 | 7 | – | 8 | 7 | – | 15 | – | 0 | * |
| Valentia | 12.9 | -4 | SW'S | 3 | zo | 63 | 60 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 0 | 2 |
| Roches Point | 13.1 | -8 | W'S | 3 | c | 63 | 61 | 8 | 5 | – | – | | 6 | – | 15 | – | 0 | 3 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 9th (41) | 12h.–18h. 9th (42) | 18h. 9th to 00h. 10th (43) | 00h.–06h. 10th (44) |
|---|---|---|---|---|
| Kew | cwcy | cy | cybc | c |
| Croydon | bczobc | cybcyc | bcv | bcc |
| Boscombe Down | oFbcmbc | cey | cbcbbc | c |
| Thorney Island | bc | cyc | cb | bcmoc |
| Friston | | | | |
| Lympne | bczoy | bcy | cbbc | bccmocbc |
| Manston | bcbczoy | bcczoy | c | czobcmo |
| North Weald | bmobcy | bcycy | c | ccmobc |
| Felixstowe | oFbcy | cy | cbc | bcbc |
| Gorleston | c | czo | czo | |
| Mildenhall | oFbmobcy | cy | bc | bcbc |
| Bircham Newton | bfbcmo czo | c | cifozo | cmobcc |
| Cranwell | | c | czocmo | cmo |
| Cranfield | bcmobcy | cy | cybc | |
| Honiley | bcc | cy | c | |
| Little Rissington | c | bcycyc | c | bcc |
| Shobden | c | ccyc | c | c |
| Bristol | bcmozoc | cybc | bccido | cidomodod |
| Chivenor | cifcro | bc | ciroc | cido |
| Yeovilton | cbcc | cc | cbcc | ccdoc |
| Portland Bill | c | cc | c | c |
| Exeter | c | ccyc | c | cidd |
| Plymouth | bcmobc | bcc | c | c |
| St. Eval | fgfobc | cbcbc | ccido | bcfo |
| The Lizard | crc | bcc | cbc | cproc |
| Scilly, St. Marys | cbcfbc | bcc | cbcdoc | c |
| Fairwood | bc | bccbcc | cidc | pdodom |
| Pembroke | bc | cpro | c | cdfg mo |
| Aberporth | c | ccyc | * | odd |
| Penrhos | c | c | ccido | cmo |
| Holyhead, Valley | cv | cvycr | cido | cmo |
| Hawarden | cmocproc | c | cbcc | cbccido |
| Manchester | bcwcmozoc | | ccmom | cido |
| Squires Gate | c | ccro | ccido | croc |
| Silloth | c | ccirocro | cirododomo | cdodomo |
| Ashbourne | bmoc | ccmoc | croc | cmoc |
| Snaith | bc mo | cufmrm | cifomo | cmo |
| Spurn Head | cmo | cmo | cmo | c |
| Catterick (Sc.) | c | cir | cifoc | cido |
| Tynemouth | cmoc | cmo | cifomoc | cmo |
| Acklington | bcyc | cyciro | crodoc | cm fgc |
| St. Abb's Head | bcc | c | c | cidc |
| Leuchars | bcc | ciroc | cirocmo | cdodomo |
| Montrose | cbcc | c | ccirocc | cirocmo |
| Abbotsinch | c | ciro | cdodomo | cdodomo |
| Prestwick | ccproc | cciromo | crocdodo | cdodo cmo |
| West Freugh | c | ccrocdo | cdodommo | cmorododoc |
| Eskdalemuir | c | cirocpro | cprormmo | crrmoc |
| Jurby, I. of Man | c | ccciroc | cidodocm | roro cido |
| Machrihanish | cbc | cpriddd | iddrdd | c2ddc |
| Tiree | cvpro | cproccdo | crodo | cdodocido |
| Oban | c | iror | crodrddmo | cddidor |
| Stornoway | cprocjp | procpro | cprocido | cmoroto |
| Cape Wrath | cridoo | cidocroro | crocido | ccido |
| Dalwhinnie | oc | cirop | * | oiro |
| Aberdeen | cbcc | cprocyc | ccproc | c |
| Fraserburgh | c | ccporc | cproc | ccroc |
| Alness | cbcc | ciro | ciro | ciroc |
| Wick | ccpr | cporcrm | crorомoiroc | c |
| Hatston | bcpcp | prc | c | c |
| Sumburgh | bbccv | cproc | cyipc | ccroc |
| Sullom Voe | cbcpro | cproc | cproc | proc |
| Blacksod Point | d | d | d | g |
| Malin Head | r | r | c | r |
| Aldergrove | c | cirocido | idodmodom | cidororo |
| Cas. Archdale | ccidoc | ccdd | cddcbcido | cidbcc |
| Birr Castle | c | c | * | |
| Collinstown | d | c | d | c |
| Foynes | c | d | d | c |
| Valentia | c | d | r | c |
| Roches Point | c | d | bc | bc |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

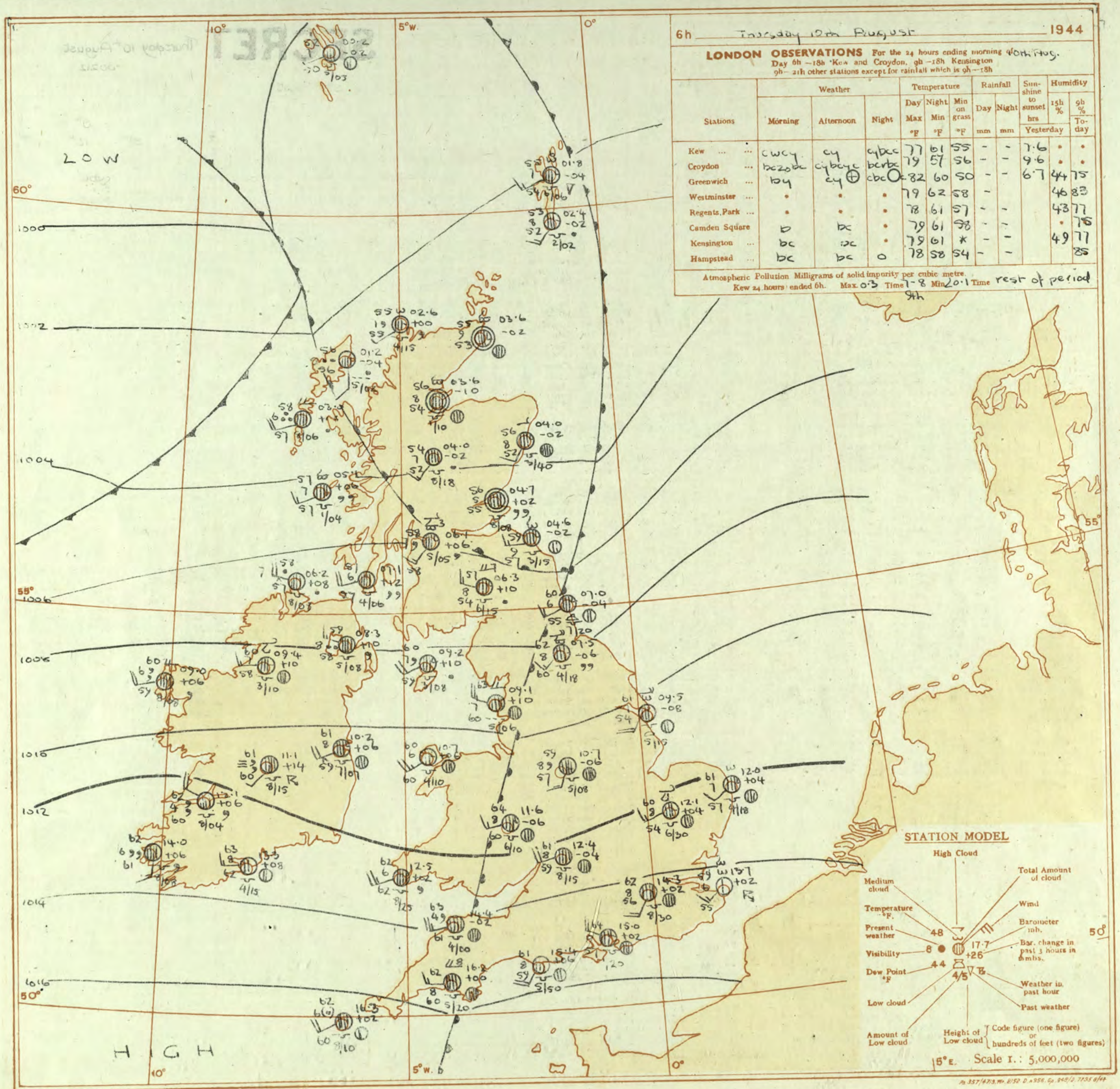
6h Tuesday 10th August 1944

## LONDON OBSERVATIONS

For the 24 hours ending morning 10th Aug.
Day 6h – 18h Kew and Croydon, 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % Today |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | cwcy | cy | cybcc | 77 | 61 | 55 | - | - | 7.6 | • | • |
| Croydon ... | bczobc | cybcyc | bcrbc | 79 | 57 | 56 | - | - | 9.6 | • | • |
| Greenwich ... | by | cy ⊕ | cbc ○ | 82 | 60 | 50 | - | - | 6.7 | 44 | 75 |
| Westminster ... | • | • | • | 79 | 62 | 58 | - | | | 46 | 83 |
| Regents Park ... | • | • | • | 78 | 61 | 57 | - | - | | 43 | 77 |
| Camden Square | b | bc | • | 79 | 61 | 58 | - | - | | • | 78 |
| Kensington ... | bc | bc | • | 79 | 61 | * | - | - | | 49 | 77 |
| Hampstead ... | bc | bc | o | 78 | 58 | 54 | - | - | | | 85 |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0.3 Time 7-8 Min 0.1 Time rest of period




H.M.S.O. Press, M.O., Dunstable.

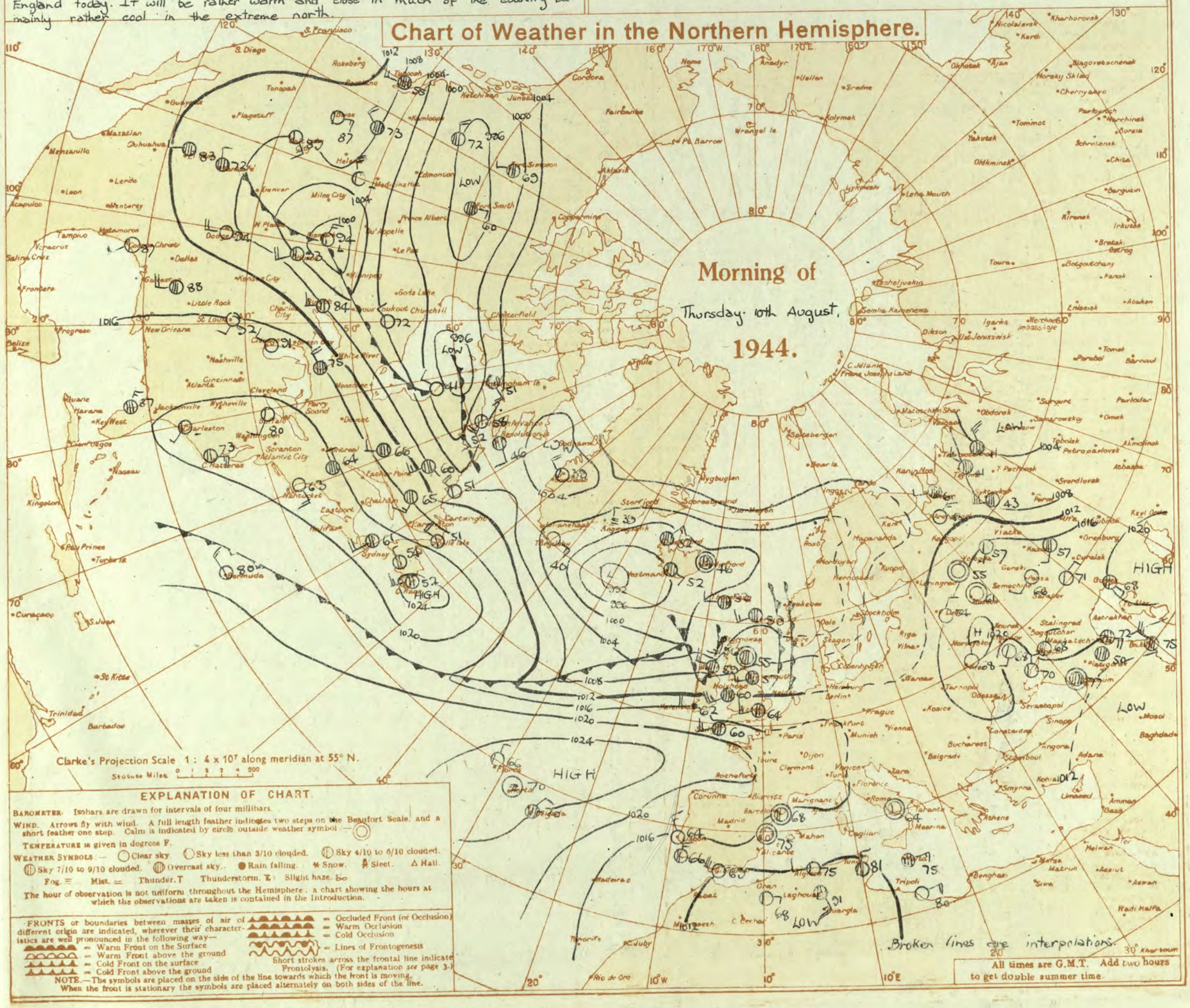
## GENERAL INFERENCE

A depression southwest of Iceland is moving steadily northeast; an associated trough over England is moving rather quickly east and another is slowly approaching our Northwest districts. It will be mainly cloudy in all areas with local rain or drizzle particularly in the West and North. There will be much hill fog in western and northern areas. Local breaks may occur in the cloud cover in East and Southeast England today. It will be rather warm and close in much of the country but mainly rather cool in the extreme north.

## FURTHER OUTLOOK

Little change in South; some breaks in cloud cover in North likely later.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

**BAROMETER.** Isobars are drawn for intervals of four millibars.

**WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol — ◯

**TEMPERATURE** is given in degrees F.

**WEATHER SYMBOLS:** — ◯ Clear sky. ◐ Sky less than 3/10 clouded. ◑ Sky 4/10 to 6/10 clouded. ◕ Sky 7/10 to 9/10 clouded. ● Overcast sky. ● Rain falling. ✱ Snow. Sleet. △ Hail. Fog. ≡ Mist. = Thunder. T Thunderstorm. Ƶ Slight haze. ∞

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

**FRONTS** or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Thursday 10th August 1944

No. 30212

## OBSERVATIONS at 00hr. G.M.T. 10th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A. 0–9 (13) | Cloud Amount Low B. 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 64 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 14·4 | +10 | WSW | 3 | bc | 64 | 58 | 8 | 5 | 5 | 1 | 4 | 1 | 4 | 40 | – |
| | Boscombe Down | 417 | 14·6 | 0 | W | 2 | bc | 58 | 55 | 7 | 4 | 4 | 6 | 4 | 3 | 3 | 20 | – |
| | Thorney Island | 10 | 14·5 | +4 | WN | 2 | ⊘ | 61 | 59 | 6 | – | – | 5 | 4 | 4 | – | 200 | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 14·4 | +10 | WSW | 1 | ⊘ | 61 | 58 | 6 | – | 4 | 6 | 4 | 1 | 4 | 80 | – |
| | Manston ... | 140 | 13·6 | +12 | W'S | 3 | c | 64 | 57 | 7 | – | 4 | 7 | 8 | 3 | 8 | – | – |
| 2 | North Weald | 244 | 13·7 | +6 | W | 3 | ebc | 62 | 56 | 7 | – | 7 | – | 5 | 5 | – | 100 | – |
| | Felixstowe ... | 10 | 12·1 | +10 | WSW | 4 | bc | 68 | 56 | 7 | – | 7 | – | 4 | 4 | – | 110 | – |
| | Gorleston ... | 5 | 11·7 | 0 | NW | 1 | ⊘ | 64 | 60 | 5 | 5 | – | – | 5 | 5 | – | 20 | – |
| | Mildenhall | 15 | 11·9 | +6 | – | 0 | bc | 62 | 58 | 7 | 5 | – | – | 4 | 3 | 4 | 30 | 40 |
| | Bircham Newton | 221 | 11·8 | +2 | – | 0 | ⊘ | 61 | 57 | 6 | 5 | 7 | – | 8 | 5 | 8 | 35 | – |
| | Cranwell ... | 203 | 12·0 | −2 | SW | 1 | ⊘ | 62 | 55 | 6 | 5 | – | – | 8 | 8 | – | 38 | – |
| 3 | Cranfield ... | 340 | 13·4 | +10 | SSW | 1 | bc | 59 | 54 | 7 | 5 | – | – | 4 | 4 | – | 26 | – |
| | Honiley ... | 427 | 12·4 | +2 | SW | 3 | bc | 60 | 54 | 8 | 5 | 4 | – | 4 | 3 | 3 | 30 | – |
| 4 | Little Rissington | 731 | 13·1 | +2 | W'S | 4 | c | 59 | 54 | 8 | 5 | – | – | 6 | 3 | 6 | 25 | 40 |
| | Shobden ... | 318 | 13·1 | 0 | W | 3 | ebc | 61 | 53 | 8 | 5 | – | – | 5 | 4 | 5 | 25 | 40 |
| 5 | Bristol ... | 209 | 14·5 | +2 | W | 4 | c/d | 61 | 57 | 8 | 5 | – | – | 7 | 3 | 6 | 18 | 25 |
| | Chivenor ... | 20 | 15·1 | +2 | WSW | 3 | c | 63 | 58 | 7 | 5 | – | – | 6 | 3 | 6 | 15 | 25 |
| | Yeovilton | 50 | 14·6 | +4 | W | 3 | c | 62 | 59 | 7 | 5 | 7 | – | 6 | 3 | 5 | 18 | 25 |
| | Portland Bill | 32 | 15·3 | +10 | W | 3 | c | 62 | 60 | 8 | 5 | – | – | 6 | 6 | – | 50 | – |
| | Exeter ... | 100 | 15·4 | +2 | WSW | 3 | bc | 61 | 59 | 7 | 5 | – | – | 4 | 4 | – | 25 | – |
| | Plymouth ... | 86 | 16·2 | −2 | W'S | 3 | c | 62 | 57 | 8 | 5 | – | – | 7 | 7 | – | 23 | – |
| | St. Eval ... | 345 | 16·6 | +2 | WSW | 4 | ebc | 60 | 58 | 8 | 5 | 7 | – | 5 | 4 | 3 | 25 | 40 |
| | The Lizard | 240 | 16·4 | +4 | W | 2 | bc | 60 | 60 | 7 | 4 | – | – | 4 | 4 | – | 25 | – |
| | Scilly, St. Marys | 163 | 16·8 | +4 | WSW | 3 | c | 60 | 56 | 8 | 5 | – | – | 7 | 7 | – | 15 | – |
| 6 | Fairwood ... | 268 | 14·3 | −2 | W | 4 | c | 62 | 58 | 7 | 5 | – | – | 8 | 8 | – | 27 | – |
| | Pembroke ... | 142 | 14·4 | 0 | SWW | 4 | c | 62 | 60 | 8 | 8 | 1 | – | 8 | 8 | – | 25 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 11·2 | −10 | SW'S | 5 | c/d | 61 | 59 | 6 | 5 | – | – | 8 | 5 | 8 | 7 | 40 |
| | Holyhead, Valley | 32 | 11·2 | −8 | SW | 5 | c/d | 60 | 58 | 7 | 5 | – | – | 8 | 8 | – | 23 | – |
| | Hawarden | 15 | 10·9 | −8 | WSW | 2 | c | 62 | 55 | 7 | 5 | 7 | – | 7 | 6 | 7 | 20 | – |
| 8 | Manchester | 230 | 11·3 | −10 | SW'S | 3 | c | 59 | 54 | 7 | 5 | 7 | – | 7 | 5 | 7 | 35 | – |
| | Squires Gate | 30 | 10·0 | −10 | SSW | 4 | ido | 62 | 58 | 7 | 5 | – | – | 8 | 8 | – | 23 | – |
| | Silloth ... | 25 | 08·5 | −14 | S | 4 | dodo | 59 | 58 | 6 | 5 | 2 | – | 8 | 3 | 7 | 3 | 8 |
| 9 | Ashbourne ... | 590 | 12·0 | −2 | SW | 2 | ⊘ | 58 | 56 | 6 | 5 | 3 | – | 6 | 3 | 6 | 24 | – |
| | Snaith ... | 30 | 11·3 | +6 | S | 1 | ⊘ | 59 | 55 | 5 | 5 | 7 | – | 8 | 5 | 8 | 31 | – |
| 10 | Spurn Head | 29 | 11·7 | 0 | SWW | 2 | ⊘ | 60 | 54 | 6 | 7 | – | – | 8 | 8 | – | 25 | – |
| | Catterick (Sc.) | 195 | 10·1 | −8 | SE'S | 3 | c | 56 | 54 | 7 | 5 | – | – | 8 | 8 | – | 21 | – |
| | Tynemouth | 108 | 09·6 | −12 | WSW | 3 | c | 57 | 53 | 7 | 2 | – | – | 6 | 6 | – | 25 | – |
| | Acklington | 138 | 08·3 | −10 | WSW | 2 | c | 55 | 54 | 7 | 5 | 7 | – | 8 | 4 | 5 | 20 | 57 |
| 11 | St. Abb's Head | 280 | 07·1 | −10 | SW | 2 | c | 55 | 49 | 8 | 7 | – | – | 8 | 2 | 8 | 20 | 40 |
| | Leuchars ... | 31 | 06·2 | −6 | SW | 2 | ⊘ | 56 | 54 | 5 | 5 | – | – | 8 | 4 | 8 | 15 | 40 |
| | Montrose ... | 22 | 06·7 | −6 | W | 3 | bc | 56 | 52 | 8 | 5 | – | – | 4 | 4 | – | 20 | – |
| 12 | Abbotsinch | 19 | 06·4 | −16 | – | 0 | dodo | 56 | 56 | 5 | 5 | – | – | 8 | 8 | – | 10 | – |
| | Prestwick ... | 30 | 05·9 | −26 | S | 3 | c/d | 58 | 57 | 6 | 6 | 2 | – | 8 | 3 | 5 | 8 | 15 |
| | West Freugh | 53 | 06·9 | −18 | SW | 5 | c/r | 59 | 58 | 6 | 5 | 2 | – | 8 | 6 | 8 | 8 | 15 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 08·7 | −16 | SW | 5 | c/r | 60 | 58 | 6 | 5 | – | – | 8 | 4 | 8 | 12 | 25 |
| 13A | Machrihanish | 35 | 05·7 | −18 | SW | 4 | dd | 61 | 59 | 5 | 5 | – | – | 8 | 4 | 8 | 3 | 8 |
| | Tiree ... | 44 | 04·6 | −10 | SW | 2 | dodo | 58 | 58 | 5 | 6 | 2 | – | 8 | 5 | 8 | 7 | 8 |
| | Oban ... | 74 | 05·6 | −18 | – | 0 | dd | 55 | 54 | 6 | 6 | 2 | – | 8 | 2 | 8 | 7 | 15 |
| 13B | Stornoway ... | 12 | 03·3 | −8 | SSW | 3 | ido | 56 | 54 | 8 | 5 | 2 | – | 8 | 4 | 6 | 5 | 8 |
| | Cape Wrath | 367 | 04·3 | −6 | SW | 3 | ido | 54 | 54 | 7 | 5 | 2 | – | 7 | 4 | – | 8 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 05·5 | −6 | – | 0 | c/r | 55 | 51 | 8 | 5 | 7 | – | 6 | 4 | 6 | 20 | – |
| | Fraserburgh | 76 | 05·8 | −10 | – | 0 | c | 56 | 54 | 8 | 8 | 7 | – | 8 | 2 | 6 | 10 | 40 |
| | Alness ... | 63 | 05·4 | −6 | SW | 2 | ⊘ | 55 | 52 | 8 | 5 | 3 | – | 7 | 3 | 7 | 25 | – |
| | Wick ... | 114 | 05·2 | −4 | – | 0 | c | 54 | 53 | 8 | 5 | 2 | – | 8 | 3 | 8 | 30 | 72 |
| 16 | Hatston ... | 45 | 04·4 | −4 | SWW | 2 | c | 56 | 53 | 8 | 5 | 7 | – | 7 | 4 | 6 | 15 | – |
| | Sumburgh ... | 15 | 03·8 | −2 | SW | 3 | c | 53 | 53 | 8 | 5 | 7 | – | 6 | 1 | 4 | 4 | 15 |
| | Sullom Voe | 12 | 03·3 | 0 | WSW | 2 | pr | 55 | 53 | 6 | 8 | 7 | – | 8 | 5 | 8 | 4 | – |
| 17 | Blacksod Point | 18 | 08·9 | +6 | W'S | 4 | bc | 60 | 59 | 6 | – | 2 | – | 8 | 8 | – | 4 | – |
| 18 | Malin Head | 84 | 05·4 | +2 | W'N | 4 | c | 59 | 58 | 7 | 5 | – | – | 7 | 7 | – | 8 | – |
| | Aldergrove | 294 | 06·7 | −8 | WSW | 4 | c/d | 61 | 60 | 7 | 5 | – | – | 6 | 6 | – | 13 | – |
| | Cas. Archdale | 240 | 08·4 | +2 | W'N | 5 | bc/d | 59 | 59 | 7 | 5 | 7 | – | 4 | 2 | 3 | 10 | 15 |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 09·7 | 0 | W'S | 5 | c/d | 62 | 57 | 8 | 5 | – | – | 7 | 7 | – | 17 | – |
| 20 | Foynes ... | 3 | 13·6 | 0 | W'N | 4 | dodo | 63 | 61 | 7 | 5 | – | – | 8 | 8 | – | 6 | – |
| | Valentia ... | 30 | 13·5 | +2 | W'S | 4 | ido | 62 | 61 | 6 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Roches Point | 22 | 12·8 | −2 | W | 3 | bc | 61 | 60 | 8 | 5 | – | – | 4 | 4 | – | 15 | – |

Minimum Temperatures and Rainfall read at 0700 G.M.T. Station 103 read at 0700 G.M.T.

## OBSERVATIONS at 06hr. G.M.T. 10th August

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A. 0–9 (29) | Cloud Amount Low B. 0–9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 13·7 | 0 | WSW | 3 | c | 63 | 57 | 8 | 5 | – | – | 7 | 7 | – | 21 | – | 0 | * |
| | Croydon ... | 14·3 | +2 | SW'S | 3 | c | 62 | 56 | 8 | 5 | – | – | 8 | 8 | – | 30 | – | 0 | * |
| | Boscombe Down | 14·6 | +2 | SW'S | 4 | c | 60 | 57 | 8 | 5 | – | – | 7 | 4 | 7 | 20 | 57 | 0 | * |
| | Thorney Island | 15·0 | +2 | WN | 4 | c | 64 | 57 | 8 | 5 | – | – | 7 | 1 | 7 | 20 | 25 | 0 | * |
| | Friston ... | | | | | | | | | | | | | | | | | | * |
| | Lympne ... | 14·6 | +6 | WSW | 3 | bc | 58 | 55 | 7 | 5 | – | 1 | 4 | 4 | 4 | 10 | – | 0 | § 3 |
| | Manston ... | 13·7 | +2 | SWW | 3 | ⊘ | 59 | 55 | 6 | – | 3 | 9 | 3 | 3 | 2 | – | – | 0 | * |
| 2 | North Weald | 13·7 | 0 | WSW | 4 | ⊘ | 60 | 56 | 6 | 5 | 7 | – | 7 | 4 | 7 | 20 | – | 0 | * |
| | Felixstowe ... | 12·4 | +6 | WSW | 4 | ebc | 61 | 56 | 7 | 5 | 4 | 1 | 5 | 4 | 3 | 70 | – | 0 | 4 |
| | Gorleston ... | 12·0 | +4 | SW | 2 | c | 61 | 57 | 7 | 5 | 3 | – | 7 | 4 | 3 | 18 | 72 | 0 | 2 |
| | Mildenhall | 12·1 | +4 | WSW | 3 | c | 60 | 54 | 8 | 5 | 4 | 1 | 6 | 6 | 1 | 30 | – | 0 | * |
| | Bircham Newton | 11·5 | +4 | WS | 3 | c | 59 | 55 | 7 | 5 | 7 | – | 6 | 4 | 6 | 60 | – | 0 | * |
| | Cranwell ... | 10·3 | −4 | SW | 3 | c | 63 | 57 | 7 | 5 | 3 | – | 6 | 5 | 5 | 30 | – | 0 | * |
| 3 | Cranfield ... | 12·8 | −2 | SW | 2 | c | 60 | 55 | 7 | 5 | 7 | – | 7 | 5 | 6 | 20 | – | 0 | * |
| | Honiley ... | 11·5 | −4 | SW | 5 | c | 61 | 57 | 7 | 5 | 7 | – | 8 | 5 | – | 20 | – | 0 | * |
| 4 | Little Rissington | 12·4 | −4 | W'S | 4 | c | 61 | 59 | 8 | 5 | – | – | 8 | 8 | – | 15 | – | 0 | * |
| | Shobden ... | 11·6 | −6 | WSW | 3 | c | 64 | 60 | 8 | 5 | – | – | 7 | 6 | – | 10 | 57 | 0 | * |
| 5 | Bristol ... | 13·8 | 0 | SW | 4 | dodo | 61 | 59 | 6 | 5 | – | – | 8 | 8 | – | 4 | – | 0 | * |
| | Chivenor ... | 14·4 | −2 | WSW | 5 | ido | 63 | 61 | 4 | 5 | – | – | 8 | 4 | 8 | 4 | – | 0 | * |
| | Yeovilton | 14·6 | +2 | SW | 2 | c/d | 62 | 60 | 7 | 5 | – | – | 6 | 4 | 6 | 15 | 15 | 1 | * |
| | Portland Bill | 15·4 | +6 | SW | 4 | ebc | 61 | 59 | 8 | 5 | – | – | 5 | 5 | – | 50 | – | 1 | 3 |
| | Exeter ... | 15·4 | +4 | SSE | 1 | c/d | 62 | 59 | 8 | 5 | – | – | 7 | 7 | – | 25 | – | 0 | * |
| | Plymouth ... | 16·2 | 0 | W | 3 | c | 62 | 60 | 8 | 5 | 2 | – | 8 | 5 | 8 | 20 | – | 0 | 3 |
| | St. Eval ... | 16·1 | +2 | SWW | 4 | c | 62 | 61 | 5 | 5 | – | – | 8 | 8 | – | 1 | – | 0 | * |
| | The Lizard | 16·2 | +6 | WSW | 3 | c/pr | 63 | 61 | 7 | 5 | – | – | 6 | 6 | – | 10 | – | 0 | 3 |
| | Scilly, St. Marys | 16·3 | +2 | SWW | 4 | c/p | 62 | 60 | 6 | 5 | – | – | 8 | 8 | – | 10 | – | 0 | 3 |
| 6 | Fairwood ... | 13·2 | −2 | WNW | 4 | dd | 63 | 63 | 4 | 5 | – | – | 8 | 8 | – | 0 | – | 1 | * |
| | Pembroke ... | 12·5 | +2 | W'S | 5 | ⊘ | 62 | 62 | 6 | 5 | – | – | 8 | 8 | – | 25 | – | 0 | 3 |
| | Aberporth ... | 12·6 | +2 | SSW | 4 | rf | 61 | 61 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 | 4 |
| 7 | Penrhos ... | 11·1 | +6 | WSW | 4 | bc | 62 | 60 | 7 | 5 | 7 | – | 4 | 4 | 4 | 3 | – | 0 | 4 |
| | Holyhead, Valley | 10·7 | +6 | SWW | 5 | ⊘ | 60 | 60 | 6 | 5 | – | – | 7 | 4 | 7 | 10 | 25 | 0 | 3 |
| | Hawarden | 09·8 | +8 | WSW | 3 | ido | 64 | 61 | 7 | 5 | – | – | 8 | 5 | 5 | 8 | 25 | 1 | * |
| 8 | Manchester | 10·2 | −6 | SW | 3 | dodo | 61 | 59 | 5 | – | 2 | – | 8 | 8 | – | 15 | – | 1 | * |
| | Squires Gate | 09·1 | +10 | WNW | 5 | c | 63 | 60 | 7 | 6 | 2 | – | 8 | 5 | 0 | 6 | 40 | 1 | * |
| | Silloth ... | 07·8 | +12 | WSW | 3 | c | 61 | 59 | 8 | 5 | 3 | 2 | 7 | 5 | 4 | 7 | – | 1 | * |
| 9 | Ashbourne ... | 10·7 | −6 | SSW | 3 | ido | 59 | 57 | 8 | 5 | – | – | 8 | 5 | 8 | 8 | 15 | 0 | * |
| | Snaith ... | 09·5 | −4 | SW | 3 | ⊘ | 62 | 57 | 6 | 5 | 7 | – | 7 | 5 | 3 | 20 | – | 1 | * |
| 10 | Spurn Head | 09·5 | −8 | SWS | 4 | ebc | 61 | 54 | 7 | 7 | 3 | 2 | 5 | 4 | 3 | 15 | 72 | 0 | 2 |
| | Catterick (Sc.) | 07·5 | −6 | SW | 3 | c/d | 62 | 60 | 8 | 5 | 7 | 2 | 6 | 4 | 4 | 18 | 25 | 1 | * |
| | Tynemouth | 07·0 | −4 | SW | 3 | ⊘ | 60 | 55 | 6 | 8 | – | – | 7 | 7 | – | 20 | – | 1 | 2 |
| | Acklington | 06·6 | −6 | W | 2 | ido | 59 | 58 | 7 | 5 | 7 | – | 7 | 5 | 7 | 25 | – | 0 | * |
| 11 | St. Abb's Head | 04·6 | −2 | W | 3 | c | 59 | 57 | 8 | 5 | 5 | – | 7 | 3 | 5 | 15 | 15 | 0 | 3 |
| | Leuchars ... | 04·7 | +2 | – | 0 | c/d | 56 | 55 | 8 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | * |
| | Montrose ... | 05·4 | −2 | SW | 3 | c/r | 56 | 55 | 6 | 5 | – | – | 8 | 4 | 8 | 8 | 25 | 0 | * |
| 12 | Abbotsinch | 06·1 | +6 | SW | 3 | ido | 58 | 58 | 7 | 5 | 7 | 9 | 7 | 5 | 3 | 5 | – | 1 | * |
| | Prestwick ... | 06·5 | +12 | WSW | 4 | c/d | 59 | 57 | 6 | 5 | – | – | 8 | 3 | 4 | 10 | 15 | 1 | * |
| | West Freugh | 07·7 | +10 | WSW | 3 | c | 59 | 57 | 8 | 5 | – | – | 8 | 3 | 8 | 12 | 15 | 1 | * |
| | Eskdalemuir | 06·3 | +10 | WN | 3 | c | 57 | 54 | 8 | 5 | 2 | – | 7 | 6 | 7 | 15 | – | 1 | * |
| | Jurby, I. of Man | 09·2 | +10 | SW | 4 | ido | 60 | 59 | 7 | 5 | – | – | 7 | 3 | 4 | 8 | 15 | 1 | * |
| 13A | Machrihanish | 07·1 | +12 | WSW | 4 | c/d | 57 | 57 | 6 | 5 | – | – | 8 | 4 | 8 | 6 | 15 | 1 | 2 |
| | Tiree ... | 05·1 | +6 | WSW | 3 | c/d | 57 | 57 | 7 | 5 | 7 | – | 8 | 1 | 5 | 4 | 8 | 1 | 2 |
| | Oban ... | 05·5 | +8 | SW | 3 | c | 57 | 57 | 8 | 5 | 3 | – | 7 | 3 | 5 | 4 | 15 | 0 | 3 |
| 13B | Stornoway ... | 01·2 | −8 | S | 1 | ⊘ | 56 | 56 | 5 | 6 | – | – | 8 | 5 | 8 | 2 | 8 | 1 | 1 |
| | Cape Wrath | 02·6 | 0 | SW | 1 | ido | 55 | 55 | 7 | 5 | 3 | – | 6 | 4 | – | 15 | – | 1 | * |
| 15 | Dalwhinnie | 04·0 | −2 | SW | 3 | 0 | 54 | 52 | 7 | 5 | – | – | 8 | 8 | – | 18 | – | 1 | * |
| | Aberdeen† ... | 04·0 | −2 | SW'S | 2 | c | 56 | 52 | 8 | 6 | 3 | 8 | 7 | 3 | 7 | 40 | 57 | 1 | 1 |
| | Fraserburgh | 04·5 | −2 | SW | 2 | c | 55 | 53 | 8 | 5 | 3 | – | 7 | 1 | 5 | 20 | 57 | 1 | * |
| | Alness ... | 03·6 | −10 | – | 0 | c | 56 | 54 | 8 | 5 | 7 | – | 8 | 1 | 7 | 10 | 25 | 0 | * |
| | Wick ... | 03·6 | −2 | – | 0 | c | 55 | 53 | 9 | – | 7 | – | 7 | 7 | – | – | – | 1 | * |
| 16 | Hatston ... | 03·0 | −4 | SW | 3 | c | 56 | 54 | 8 | 5 | 7 | – | 7 | 3 | 4 | 10 | 25 | * | * |
| | Sumburgh ... | 02·4 | −2 | SW'S | 3 | c | 53 | 52 | 8 | 5 | – | – | 6 | 2 | 6 | 2 | 40 | 0 | 2 |
| | Sullom Voe | 01·8 | −4 | SW | 3 | c | 55 | 54 | 7 | 5 | 3 | – | 7 | 5 | 6 | 6 | – | 0 | * |
| 17 | Blacksod Point | 09·0 | +6 | W'S | 4 | id | 60 | 59 | 6 | – | 2 | – | 8 | 8 | – | 8 | – | 1 | 3 |
| 18 | Malin Head | 06·2 | +8 | W'N | 4 | ⊘ | 58 | 57 | 7 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | 4 |
| | Aldergrove | 08·3 | +10 | W'N | 3 | ⊘ | 59 | 58 | 8 | 5 | – | – | 8 | 5 | 8 | 8 | 15 | 1 | * |
| | Cas. Archdale | 09·4 | +10 | W | 3 | c | 60 | 58 | 7 | 5 | 4 | 1 | 6 | 3 | 5 | 10 | 25 | 1 | * |
| 19 | Birr Castle ... | 11·1 | +14 | WSW | 1 | dr | 61 | 60 | 1 | 5 | – | – | 8 | 3 | – | 15 | – | 0 | * |
| | Collinstown | 10·2 | +6 | W'S | 4 | c | 61 | 59 | 8 | 5 | – | – | 7 | 7 | – | 7 | – | 0 | * |
| 20 | Foynes ... | 12·1 | +6 | WN | id | c/r | 61 | 4 | 5 | – | – | 8 | 8 | – | 4 | – | | 1 | * |
| | Valentia ... | 14·0 | +6 | SSW | 3 | dodo | 62 | 61 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | 4 |
| | Roches Point | 13·3 | +8 | W | 3 | bc | 63 | 62 | 8 | 5 | – | – | 4 | 4 | – | 15 | – | 0 | 3 |

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h–18h °F. (35) | Temperature Min. Night 18h–6h °F. (36) | Temperature Min. on Grass °F. (37) | Rainfall Day 6h–18h mm. (38) | Rainfall Night 18h–6h mm. (39) | Sunshine 9th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 77 | 61 | 55 | – | – | 7·6 |
| Croydon ... | 75 | 57 | 56 | – | – | 5·6 |
| Boscombe Down | 77 | 57 | 53 | – | – | 7·7 |
| Thorney Island | 78 | 59 | * | – | – | * |
| Lympne ... | 76 | 56 | 50 | – | – | 12·2 |
| Manston ... | 77 | 58 | 55 | – | – | 7·7 |
| North Weald | 79 | 58 | * | * | * | * |
| Felixstowe ... | 79 | 60 | 56 | – | – | 7·6 |
| Gorleston ... | 79 | 60 | 56 | – | – | 6·1 |
| Mildenhall | 79 | 57 | 53 | – | – | 7·3 |
| Bircham Newton | 75 | 57 | 53 | – | Tr | * |
| Cranwell ... | 74 | 58 | 57 | – | Tr | 6·7 |
| Cranfield ... | 75 | 58 | 53 | – | – | * |
| Honiley ... | 75 | 59 | 56 | – | – | * |
| Little Rissington | – | 56 | 54 | – | – | * |
| Shobden ... | 74 | 61 | 57 | – | – | * |
| Bristol ... | 75 | 60 | 55 | – | Tr | 11·5 |
| Chivenor ... | 71 | 63 | 61 | Tr | Tr | * |
| Yeovilton | 76 | 59 | 58 | – | Tr | * |
| Portland Bill | 65 | 58 | * | – | – | * |
| Exeter ... | 76 | 56 | 53 | – | – | * |
| Plymouth ... | 68 | 61 | 57 | – | – | 11·2 |
| St. Eval ... | 67 | 59 | 55 | – | Tr | * |
| The Lizard | 70 | 59 | * | – | 1 | 11·0 |
| Scilly, St. Marys | 72 | 58 | * | – | Tr | 9·0 |
| Fairwood ... | – | 59 | 56 | – | 0·6 | * |
| Pembroke ... | 66 | 59 | * | Tr | Tr | 5·1 |
| Aberporth ... | 68 | 60 | 57 | – | 0·3 | 7·3 |
| Penrhos ... | 71 | 60 | 49 | – | Tr | * |
| Holyhead, Valley | 67 | 59 | 58 | – | Tr | * |
| Hawarden | 67 | 60 | 54 | – | Tr | 0·4 |
| Manchester | 65 | 58 | 54 | – | Tr | * |
| Squires Gate | 65 | 59 | 58 | – | 1 | * |
| Silloth ... | 63 | 56 | 56 | 0·2 | 3 | * |
| Ashbourne ... | 69 | 57 | 54 | – | – | * |
| Snaith ... | 53 | 57 | 56 | Tr | 0·4 | * |
| Spurn Head | 68 | 59 | * | – | Tr | 4·3 |
| Catterick (Sc.) | 64 | 51 | 50 | – | 0·2 | 0·4 |
| Tynemouth | 67 | 56 | 54 | – | 02 | |
| Acklington | 67 | 54 | 54 | – | 0·1 | * |
| St. Abb's Head | 62 | 54 | * | – | Tr | * |
| Leuchars ... | 65 | 55 | 53 | Tr | 0·1 | 4·1 |
| Montrose ... | 67 | 55 | 53 | Tr | Tr | * |
| Abbotsinch | 61 | 56 | 56 | Tr | 1 | 0·0 |
| Prestwick ... | 62 | 56 | 55 | 0·1 | 2 | * |
| West Freugh | 61 | 55 | 55 | Tr | 6 | * |
| Eskdalemuir | 55 | 53 | 52 | Tr | 5 | 0·3 |
| Jurby, I. of Man | 63 | 57 | 45 | 0·2 | 1 | * |
| Machrihanish | 58 | 56 | 57 | 2 | 3 | * |
| Tiree ... | 60 | 54 | 54 | 1 | 3 | 0·0 |
| Oban ... | 65 | 54 | – | – | * | * |
| Stornoway ... | 63 | 54 | 53 | 0·6 | 1 | 1·1 |
| Cape Wrath | 56 | 53 | * | * | 4 | * |
| Dalwhinnie | 59 | 51 | 50 | Tr | 0·3 | 0·6 |
| Aberdeen† ... | 66 | 54 | 49 | Tr | Tr | 2·1 |
| Fraserburgh | 63 | 53 | 51 | 0·1 | 1 | * |
| Alness ... | 68 | 53 | 52 | Tr | Tr | * |
| Wick ... | 62 | 53 | 53 | 4 | 2 | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 59 | 52 | 51 | Tr | Tr | 4·9 |
| Sullom Voe | 61 | 53 | 51 | Tr | 0·5 | * |
| Blacksod Point | 63 | 58 | * | 1 | 2 | * |
| Malin Head | 60 | 57 | * | 1 | 2 | 0·0 |
| Aldergrove | 60 | 57 | 55 | Tr | 2 | 0·1 |
| Cas. Archdale | 61 | 59 | 56 | 1 | 1 | * |
| Birr Castle ... | 65 | 60 | 59 | – | 0·5 | * |
| Collinstown | 64 | 60 | 60 | Tr | 0·2 | 0·1 |
| Foynes ... | 68 | 61 | 60 | Tr | 1 | 0·2 |
| Valentia ... | 65 | 61 | 61 | Tr | 0·2 | 0·4 |
| Roches Point | 64 | 61 | * | Tr | Tr | 0·3 |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Friday 11th August 1944

No. 30213

## OBSERVATIONS at 12h. G.M.T. 10th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F (6) | Dew Point °F (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Amount Total 0-9 (12) | Amount Low A. 0-9 (13) | Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 15·1 | +6 | WSW | 3 | iro | 71 | 62 | 8 | 5 | - | - | 8 | 7 | 8 | 12 | 25 |
| | Croydon | 15·5 | +6 | SW'S | 3 | c | 73 | 61 | 9 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Boscombe Down | 15·6 | +4 | WSW | 4 | c | 70 | 63 | 8 | 5 | - | - | 7 | 5 | 7 | 20 | 40 |
| | Thorney Island | 16·4 | +6 | SW | 4 | c | 70 | 62 | 8 | 5 | - | - | 7 | 4 | 7 | 15 | 25 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 16·4 | +6 | SW | 4 | c | 66 | 62 | 8 | 5 | - | - | 8 | 6 | 8 | 13 | 25 |
| | Manston | 15·3 | +2 | SW | 4 | c | 69 | 59 | 8 | 5 | 7 | - | 7 | 5 | 7 | 18 | - |
| 2 | North Weald | 15·3 | -2 | W | 3 | c | 71 | 61 | 7 | 5 | - | - | 7 | 4 | 7 | 15 | 25 |
| | Felixstowe | 14·0 | +6 | SW'W | 4 | 20 | 70 | 61 | 6 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Gorleston | 20·5 | +10 | SW | 3 | cq | 70 | 61 | 7 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Mildenhall | 12·9 | +4 | W'N | 3 | c | 72 | 62 | 8 | 5 | - | - | 7 | 5 | 7 | 18 | 25 |
| | Bircham Newton | 12·1 | +2 | WSW | 4 | c | 72 | 61 | 8 | 2 | 6 | 3 | 6 | 5 | 5 | 25 | - |
| | Cranwell | 12·3 | +10 | W'S | 2 | bc/pr | 68 | 61 | 7 | 8 | - | - | 6 | 4 | 6 | 15 | 40 |
| | Cranfield | 13·4 | +2 | WSW | 4 | c | 71 | 61 | 8 | 5 | - | - | 5 | 4 | 5 | 18 | 40 |
| 3 | Honiley | 13·3 | +10 | W | 4 | c | 72 | 60 | 8 | 7 | 7 | - | 6 | 4 | 4 | 20 | 40 |
| 4 | Little Rissington | 13·5 | +6 | W | 5 | c | 71 | 61 | 8 | 5 | 7 | - | 6 | 5 | 3 | 12 | - |
| | Shobden | 14·6 | +14 | W | 3 | c | 69 | 59 | 8 | 2 | 3 | 2 | 5 | 4 | 5 | 18 | 25 |
| 5 | Bristol | 15·8 | +6 | WSW | 4 | c | 70 | 63 | 8 | 5 | - | - | 7 | 7 | - | 10 | - |
| | Chivenor | 17·0 | +14 | W'N | 4 | ido | 67 | 64 | 4 | 5 | - | - | 8 | 4 | 8 | - | 8 |
| | Yeovilton | 16·0 | +8 | NW | 4 | c | 73 | 63 | 8 | 5 | - | - | 6 | 4 | 6 | 10 | 15 |
| | Portland Bill | 17·3 | +4 | SW | 4 | c | 63 | 61 | 8 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 16·7 | +8 | WNW | 5 | c | 72 | 64 | 8 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Plymouth | 17·7 | +6 | WNW | 3 | c | 71 | 66 | 7 | 5 | - | 1 | 6 | 6 | 2 | 25 | - |
| | St. Eval | 18·5 | +14 | W | 4 | c/f | 64 | 64 | 4 | 5 | - | - | 8 | 8 | - | 1 | - |
| | The Lizard | 18·1 | +12 | W | 3 | cFf | 65 | 63 | 1 | 5 | - | - | 8 | 8 | - | 1 | - |
| | Scilly, St. Marys | 18·9 | +14 | W'S | 3 | cif | 66 | 63 | 7 | 5 | - | - | 8 | 8 | - | 12 | - |
| 6 | Fairwood | 15·5 | +14 | W | 5 | c | 71 | 63 | 8 | 5 | - | - | 6 | 5 | 3 | 6 | 15 |
| | Pembroke | 19·3 | +10 | WSW | 3 | fF | 62 | 59 | 0 | - | - | - | 0 | 0 | 0 | - | - |
| | Aberporth | 29·4 | +14 | W | 4 | c | 67 | 60 | 8 | 5 | - | - | 7 | 2 | 7 | 10 | 15 |
| 7 | Penrhos | 14·2 | +18 | SW | 4 | bcJF | 68 | 61 | 8 | 5 | - | - | 6 | 6 | - | 19 | - |
| | Holyhead, Valley | 14·0 | +14 | SSW | 4 | c | 66 | 59 | 8 | 5 | 3 | 1 | 3 | 2 | 4 | 8 | 15 |
| | Hawarden | 12·6 | +10 | W | 3 | c | 72 | 61 | 8 | 8 | - | 2 | 7 | 4 | 6 | 15 | 25 |
| 8 | Manchester | 12·3 | +10 | WNW | 4 | 20 | 67 | 60 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Squires Gate | 12·5 | +14 | WNW | 5 | c | 67 | 61 | 8 | 5 | 9 | 4 | 6 | 4 | 4 | 6 | - |
| | Silloth | 10·3 | +8 | SW | 5 | c | 63 | 59 | 8 | 7 | - | - | 7 | 3 | 7 | 12 | 25 |
| 9 | Ashbourne | 12·9 | +14 | WNW | 3 | c | 67 | 63 | - | 5 | - | - | 7 | 4 | 7 | 8 | 15 |
| | Snaith | 12·1 | +12 | W | 5 | c | 69 | 59 | 7 | 5 | - | - | 7 | 4 | 5 | 20 | 40 |
| 10 | Spurn Head | 11·2 | +6 | WNW | 5 | 20 | 67 | 60 | 6 | 5 | 7 | - | 6 | 4 | 3 | 20 | 57 |
| | Catterick (Sc.) | 10·3 | +18 | WSW | 4 | c | 67 | 59 | 8 | 7 | 7 | 2 | 7 | 4 | 5 | 25 | - |
| | Tynemouth | 09·1 | +8 | W | 4 | c | 70 | 57 | 7 | 2 | - | - | 5 | 5 | - | 20 | - |
| | Acklington | 07·8 | +12 | WSW | 6 | c | 70 | 51 | 8 | 5 | - | 8 | 6 | 4 | 6 | 20 | - |
| 11 | St. Abb's Head | 07·3 | +14 | W | 4 | c | 64 | 63 | 9 | 5 | 6 | - | 7 | 5 | 3 | 25 | - |
| | Leuchars | 06·0 | +6 | SW | 5 | c | 65 | 58 | 8 | 5 | 7 | - | 7 | 5 | 7 | 23 | - |
| | Montrose | 06·2 | +6 | SW | 3 | c | 67 | 56 | 8 | 4 | 9 | - | 7 | 4 | 7 | 30 | - |
| 12 | Abbotsinch | 08·1 | +6 | WSW | 5 | ido | 62 | 59 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Prestwick | 09·0 | +8 | WSW | 4 | ido | 62 | 58 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 8 |
| | West Freugh | 09·6 | +8 | SSW | 3 | c | 65 | 59 | 8 | 5 | - | - | 8 | 5 | 8 | 15 | 40 |
| | Eskdalemuir | 08·6 | +10 | WSW | 4 | iro | 62 | 56 | 8 | 5 | - | - | 8 | 8 | - | 18 | - |
| | Jurby, I. of Man | 11·3 | +10 | SW'W | 5 | c | 67 | 60 | 9 | 7 | - | - | 7 | 2 | 7 | 20 | 57 |
| 13A | Machrihanish | 09·1 | +14 | SW'W | 4 | dd | 63 | 61 | 5 | 5 | - | - | 8 | 3 | 8 | - | 4 |
| | Tiree | 06·4 | +2 | SSW | 3 | c | 61 | 59 | 7 | 5 | - | - | 8 | 5 | 6 | 5 | 25 |
| | Oban | 07·5 | +10 | SW | 4 | dodo | 61 | 58 | 5 | 5 | - | - | 8 | 8 | - | 3 | - |
| 13B | Stornoway | 02·8 | +10 | SW | 4 | cJP | 61 | 54 | 8 | 8 | 7 | - | 7 | 4 | 5 | 10 | 25 |
| | Cape Wrath | 02·1 | +2 | SW | 3 | cJF | 55 | 55 | 6 | 5 | 2 | - | 7 | - | 0 | - | - |
| 15 | Dalwhinnie | 06·0 | +2 | SW | 3 | ido | 63 | 55 | 7 | 5 | 3 | - | 7 | 5 | 7 | 22 | - |
| | Aberdeen | 04·6 | +4 | SW'S | 2 | c | 66 | 55 | 9 | 7 | 7 | - | 7 | 1 | 2 | - | 57 |
| | Fraserburgh | 04·3 | +2 | SW | 2 | c/r | 64 | 56 | 9 | 5 | 7 | 7 | 8 | 4 | 5 | 25 | 40 |
| | Alness | 04·0 | +6 | WSW | 4 | c | 62 | 55 | 9 | 5 | 7 | - | 7 | 4 | 7 | 25 | - |
| | Wick | 04·3 | +2 | SSE | 1 | iro | 59 | 56 | 9 | 5 | 7 | - | 8 | 4 | 5 | 10 | 40 |
| 16 | Hatston | 02·6 | 0 | SW | 3 | iro | 59 | 56 | 7 | 5 | 2 | - | 8 | 2 | 4 | 4 | 8 |
| | Sumburgh | 02·8 | +2 | SSW | 3 | bc | 56 | 54 | 9 | 5 | 7 | - | 7 | 1 | 2 | 12 | 15 |
| | Sullom Voe | 02·0 | 0 | SW | 4 | ido | 57 | 55 | 5 | 5 | - | - | 8 | 8 | - | 4 | - |
| 17 | Blacksod Point | 09·7 | +2 | SSW | 5 | ido | 64 | 62 | 6 | - | 2 | - | 8 | 8 | - | 4 | - |
| 18 | Malin Head | 06·7 | 0 | W | 6 | bc | 65 | 60 | 8 | 5 | - | - | 4 | 4 | - | 8 | - |
| | Aldergrove | 09·7 | +6 | SSW | 4 | c/d | 65 | 61 | 8 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Cas. Archdale | 09·9 | +2 | WSW | 4 | ido | 65 | 63 | 8 | 5 | 3 | - | 7 | 3 | 5 | 8 | 15 |
| 19 | Birr Castle | 13·0 | +6 | W | 2 | id | 68 | 63 | 7 | 6 | 2 | - | 8 | 5 | - | 15 | - |
| | Collinstown | 12·1 | +10 | WSW | 4 | c | 69 | 60 | 9 | 5 | - | - | 7 | 7 | - | 25 | - |
| 20 | Foynes | 13·8 | +10 | NNW | 4 | c | 69 | 64 | 8 | 5 | 3 | - | 7 | 6 | - | 15 | - |
| | Valentia | 18·6 | +2 | SSW | 4 | c/d | 66 | 65 | 7 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Roches Point | 15·3 | +10 | WSW | 3 | c | 67 | 65 | 8 | 5 | - | - | 5 | 5 | - | 15 | - |

## OBSERVATIONS at 18h. G.M.T. 10th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A 0-9 (29) | Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 15·5 | +4 | W'S | 3 | bc | 78 | 61 | 8 | 7 | - | - | 3 | 3 | - | 25 | - | 0 | * |
| Croydon | 15·8 | +2 | SW'W | 3 | bc | 78 | 55 | 9 | 1 | - | - | 3 | 3 | - | 30 | - | 0 | * |
| Boscombe Down | 16·4 | +6 | W'N | 3 | bc | 74 | 61 | [illegible] | 5 | - | - | 3 | 3 | - | 25 | - | 0 | * |
| Thorney Island | 16·5 | +2 | SW'S | 3 | bc | 71 | 65 | 7 | 5 | - | - | 2 | 2 | - | 30 | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 16·5 | -4 | SW | 2 | b | 70 | 64 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | § |
| Manston | 15·5 | +2 | WSW | 3 | bc | 75 | 64 | 8 | 7 | 4 | 1 | 4 | 2 | 3 | 40 | - | 0 | * |
| North Weald | 15·5 | +2 | WSW | 4 | c | 77 | 61 | 7 | 5 | - | - | 4 | 4 | - | 40 | - | 0 | * |
| Felixstowe | 14·6 | +6 | SW | 3 | bc | 78 | 60 | 8 | 5 | - | - | 4 | 4 | - | 28 | - | 0 | 3 |
| Gorleston | 13·2 | +2 | - | 0 | c | 72 | 65 | 7 | 2 | - | - | 5 | 5 | - | 20 | - | 0 | 2 |
| Mildenhall | 13·9 | +8 | W'N | 4 | bc | 79 | 61 | 8 | 5 | - | 1 | 4 | 1 | 4 | 30 | 72 | 0 | * |
| Bircham Newton | 13·8 | +10 | W'N | 3 | bc | 75 | 62 | 7 | 4 | - | 1 | 3 | 1 | 3 | 20 | 40 | 0 | * |
| Cranwell | 13·7 | +12 | W | 4 | bc | 76 | 64 | 8 | 4 | 6 | - | 4 | 4 | 1 | 25 | - | 0 | * |
| Cranfield | 14·5 | +10 | WSW | 4 | bc | 76 | 62 | 8 | 1 | - | 1 | 4 | 4 | 1 | 30 | - | 0 | * |
| Honiley | 14·5 | +6 | W'S | 3 | bc | 75 | 59 | 9 | 1 | - | - | 3 | 3 | - | 28 | - | 0 | * |
| Little Rissington | 14·9 | +8 | WSW | 4 | bc | 70 | 63 | 8 | 5 | 6 | - | 3 | 2 | 1 | 20 | 40 | 0 | * |
| Shobden | 15·9 | +8 | W | 3 | c | 70 | 61 | 8 | 5 | - | - | 7 | 4 | 7 | 18 | 40 | 0 | * |
| Bristol | 17·4 | +10 | W | 3 | bc | 68 | 63 | 8 | 5 | - | - | 7 | 7 | - | 12 | - | 0 | * |
| Chivenor | 17·8 | +12 | W | 3 | c | 66 | 63 | 7 | 5 | 7 | - | 7 | 3 | 4 | 3 | 15 | 0 | * |
| Yeovilton | 17·0 | +6 | NW | 3 | bc | 72 | 64 | 8 | 5 | - | - | 4 | 4 | - | 18 | - | 0 | * |
| Portland Bill | 17·8 | +4 | WSW | 4 | bc | 64 | 62 | 8 | 2 | - | - | 4 | 4 | - | 50 | - | 1 | 3 |
| Exeter | 17·4 | +4 | NNW | 3 | bc | 75 | 65 | 8 | 1 | - | - | 3 | 3 | - | 20 | - | 0 | * |
| Plymouth | 18·2 | +2 | SSW | 2 | f | 66 | 64 | 8 | 7 | - | - | 6 | 2 | 6 | 25 | 40 | 0 | 3 |
| St. Eval | 18·6 | -2 | WSW | 3 | f | 64 | 63 | 3 | 5 | - | - | 8 | 4 | 8 | - | 25 | 0 | 0* |
| The Lizard | 18·5 | +2 | W'S | 2 | F | 64 | 63 | 1 | 5 | - | - | 8 | 8 | - | 1 | - | 0 | 3 |
| Scilly, St. Marys | 18·6 | -2 | SW'W | 3 | 2o | 64 | 62 | 5 | 5 | - | - | 8 | 8 | - | 8 | - | 0 | 3 |
| Fairwood | 17·2 | +2 | W'S | 4 | if | 65 | 63 | 5 | 5 | - | - | 8 | 4 | 8 | 0 | 2 | 1 | * |
| Pembroke | 17·4 | 0 | WSW | 3 | c | 63 | 62 | 7 | 8 | - | - | 7 | 7 | - | 20 | - | 0 | 3 |
| Aberporth | 16·3 | +8 | SW'W | 4 | c | 66 | 61 | 8 | 5 | - | - | 7 | 5 | 7 | 10 | 25 | 0 | 3 |
| Penrhos | 15·0 | +2 | SS'W | 4 | c | 63 | 61 | 8 | 5 | 7 | - | 7 | 2 | 4 | 18 | 40 | 0 | 3 |
| Holyhead, Valley | 14·8 | +16 | SW'S | 4 | c | 63 | 59 | 8 | 5 | - | - | 8 | 8 | 8 | 5 | 25 | 0 | 2 |
| Hawarden | 14·2 | +12 | SSW | 4 | c | 71 | 61 | 7 | 5 | - | - | 5 | 1 | 5 | 20 | 25 | 0 | * |
| Manchester | 13·8 | +10 | W | 4 | c | 71 | 61 | 8 | 5 | - | - | 7 | 7 | - | 20 | - | 0 | * |
| Squires Gate | 13·2 | +2 | WSW | 5 | c | 67 | 63 | 8 | 5 | - | - | 7 | 7 | - | 20 | - | 0 | * |
| Silloth | 10·8 | 0 | SSW | 5 | c | 65 | 51 | 8 | 7 | - | - | 6 | 4 | 6 | 15 | 40 | 0 | * |
| Ashbourne | 14·3 | +12 | WSW | 3 | c | 69 | 62 | 7 | 8 | - | - | 4 | 4 | 3 | 15 | 25 | 0 | 9 |
| Snaith | 13·7 | +4 | W | 5 | c | 70 | 61 | 8 | 5 | 4 | - | 4 | 4 | 2 | 25 | - | 0 | * |
| Spurn Head | 12·5 | +12 | WNW | 4 | 20 | 70 | 61 | 6 | 5 | 6 | - | 4 | 3 | 2 | 25 | 57 | 0 | * |
| Catterick (Sc.) | 12·4 | +10 | SW | 3 | c | 67 | 62 | 8 | 5 | 7 | - | 6 | 5 | 4 | 25 | - | 0 | 0 |
| Tynemouth | 10·7 | +4 | WSW | 3 | c | 70 | 60 | 7 | 2 | - | - | 5 | 5 | - | 20 | - | 0 | * |
| Acklington | 09·8 | +6 | WSW | 3 | c | 67 | 61 | 8 | 5 | - | - | 7 | 5 | 7 | 15 | 25 | 0 | 0 |
| St. Abb's Head | 07·7 | -4 | W | 3 | c | 68 | 59 | 9 | 2 | 4 | - | 5 | 4 | 3 | 20 | 40 | 0 | * |
| Leuchars | 06·9 | +2 | WSW | 4 | bc | 68 | 60 | 8 | 7 | 4 | - | 4 | 4 | 3 | 20 | - | 1 | * |
| Montrose | 06·7 | +2 | WSW | 4 | bc | 69 | 59 | 8 | 5 | 3 | 2 | 4 | 3 | 3 | 20 | - | 0 | * |
| Abbotsinch | 08·1 | -2 | SW | 4 | ido | 64 | 62 | 6 | 5 | 3 | - | 6 | 5 | 6 | 6 | - | 1 | * |
| Prestwick | 08·8 | -2 | SW | 4 | c/d | 67 | 63 | 8 | 5 | - | - | 7 | 5 | 5 | 10 | 40 | 1 | * |
| West Freugh | 09·9 | 0 | SW | 3 | c/r | 63 | 61 | 8 | 5 | - | - | 7 | 1 | 7 | 8 | 25 | 0 | * |
| Eskdalemuir | 09·4 | +6 | SW'W | 5 | ido | 63 | 60 | 6 | 5 | - | - | 8 | 8 | - | 9 | - | 1 | * |
| Jurby, I. of Man | 11·5 | -2 | SW | 6 | c | 69 | 63 | 8 | 7 | 3 | - | 5 | 3 | 3 | 20 | 40 | 0 | * |
| Machrihanish | 08·4 | -2 | SSW | 3 | c/d | 68 | 63 | 8 | 8 | 7 | - | 8 | 3 | 5 | 12 | 15 | 0 | 2 |
| Tiree | 04·8 | -12 | SW'S | 4 | c/d | 62 | 61 | 6 | 6 | 2 | - | 8 | 7 | 8 | 4 | 15 | 1 | 3 |
| Oban | 06·6 | -6 | SW | 3 | c/r | 61 | 59 | 6 | 5 | 2 | - | 8 | 6 | 8 | 4 | - | 0 | 2 |
| Stornoway | 99·7 | -32 | S | 6 | roro | 58 | 57 | 6 | 5 | - | - | 8 | 5 | 8 | 7 | 15 | 1 | 3 |
| Cape Wrath | 01·8 | -10 | SSW | 4 | iro | 55 | 55 | 8 | 5 | 2 | - | 7 | - | 0 | 8 | - | 1 | 3 |
| Dalwhinnie | 05·5 | -2 | SW | 3 | id | 59 | 58 | 7 | 5 | - | - | 7 | 8 | - | 20 | - | 1 | * |
| Aberdeen | 05·5 | +6 | SW | 3 | bc | 66 | 57 | 9 | 4 | 3 | 8 | 5 | 3 | 4 | 57 | - | 0 | 1 |
| Fraserburgh | 05·0 | -2 | SE | 2 | c | 63 | 58 | 8 | 5 | 7 | - | 7 | 2 | 5 | 20 | 40 | 0 | 0 |
| Alness | 03·2 | -4 | SW | 2 | c/r | 63 | 58 | 8 | 5 | 7 | - | 8 | 6 | 8 | 25 | - | 0 | * |
| Wick | 03·7 | +4 | SW | 2 | c/r | 60 | 54 | 9 | 5 | 7 | - | 8 | 1 | 3 | 8 | 40 | 1 | * |
| Hatston | 02·6 | +2 | SW'W | 4 | ido | 59 | 53 | 8 | 5 | 7 | - | 8 | 1 | 4 | 15 | 40 | * | * |
| Sumburgh | 01·8 | -8 | SSW | 4 | iro | 55 | 55 | 6 | 5 | - | - | 8 | 8 | - | 2 | - | 0 | 2 |
| Sullom Voe | 00·9 | -14 | SSE | 3 | roro | 57 | 55 | 5 | 5 | - | - | 8 | 8 | - | 2 | - | 0 | * |
| Blacksod Point | 08·7 | -8 | SSW | 7 | c | 63 | 60 | 7 | 6 | - | - | 8 | 8 | - | 8 | - | 1 | 5 |
| Malin Head | 06·3 | -6 | SSW | 5 | c | 66 | 61 | 8 | 5 | - | - | 8 | 6 | - | 15 | - | 1 | 4 |
| Aldergrove | 09·9 | -2 | SSW | 5 | bc/pr | 69 | 64 | 8 | 8 | - | - | 6 | 4 | 6 | 15 | 25 | 1 | * |
| Cas. Archdale | 10·3 | +2 | SW | 5 | c/d | 68 | 63 | 8 | 5 | - | - | 7 | 5 | 7 | 15 | 40 | 1 | * |
| Birr Castle | 13·2 | +2 | W | 2 | c | 68 | 63 | 8 | 5 | 2 | - | 6 | 5 | - | 25 | - | 0 | * |
| Collinstown | 12·7 | +2 | SW'W | 4 | bc/r | 68 | 63 | 9 | 5 | 3 | 1 | 6 | 5 | - | 25 | - | 0 | * |
| Foynes | 13·4 | -6 | SW | 3 | c | 69 | 60 | 8 | 8 | - | - | 7 | 7 | - | 40 | - | 1 | * |
| Valentia | 14·4 | -10 | SSW | 4 | c | 65 | 64 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | 3 |
| Roches Point | 13·7 | 0 | W'S | 3 | c | 66 | 64 | 8 | 3 | 3 | - | 5 | 5 | - | 15 | - | 0 | 3 |

## PAST 24 HOURS — WEATHER

| Stations | 06h.–12h. 10th (41) | 12h.–18h. 10th (42) | 18h. 10th to 00h. 11th (43) | 00h.–06h. 11th (44) |
|---|---|---|---|---|
| Kew | cciro | irocbc | bcbyb | bmow |
| Croydon | c | cbcbcy | bcyb | b |
| Boscombe Down | c | cbc | bjf | om id of |
| Thorney Island | c | bcb | b bmo | cFFFdd |
| Friston | | | | |
| Lympne | bcc | cbcb | oFofo | ofFfeo |
| Manston | bcmoc | cbc | bcmo bm | ofefeb,w |
| North Weald | cmocZo | cbc | bcbbmo | bmbm |
| Felixstowe | bcccZo | cZocbc | bcb | bwbmow |
| Gorleston | cq | c | b | bbzo |
| Mildenhall | c | ccy | bcyb | b |
| Bircham Newton | iroc | bd | bcb | bmow |
| Cranwell | epf | croc | b | bbo |
| Cranfield | c | cbcy | bcb | om |
| Honiley | cidoc | bcy | bc | cbmocmo |
| Little Rissington | ccidocirsc | bccbc | bbcmocm | cmo,fe,fe |
| Shobden | cidomodoc | cbcc | cbc | |
| Bristol | cmocdc | q bcc | cbc | ccidomo |
| Chivenor | ccidodom | mocidomof | cbcb | czmozc |
| Yeovilton | c | cbc | bccoc | |
| Portland Bill | cc | bc | bcif | cf |
| Exeter | co | cbc | bcb | cmocif |
| Plymouth | cmoc | cbcc | cbcom | oFFdd |
| St. Eval | oFFdd | offido | cffcmoc | oFFddm |
| The Lizard | cofof | pFF | Ffo | omdd |
| Scilly, St. Marys | FFif | cifc | cifc | c |
| Fairwood | oddfomoc | scif | of | oidof |
| Pembroke | FF | ifc | cq | c |
| Aberporth | oddfc | cbccmo | | cw |
| Penrhos | bcc | cfs bcbc | cmo | cidomdF |
| Holyhead, Valley | cidomoc | cbcc | c | cofe |
| Hawarden | | ccybcybc | cbc | bcc |
| Manchester | odomcido | czobcc | c | bbcbc |
| Squires Gate | ccdoc | bcc | c | cido |
| Silloth | c | c | cbcc | circ |
| Ashbourne | cidodomirc | cbcc | bcbbc | bmobcmo |
| Snaith | cmoc | cbc | cbcbmo | bbcmoc |
| Spurn Head | cmo | bcmo | bc | bc |
| Catterick (Sc.) | cy | cbcc | cbc | bccbc |
| Tynemouth | cnopoomoc | c | c | c |
| Acklington | c | c | cidob | bc |
| St. Abb's Head | c | c | bcbbc | bcc |
| Leuchars | cmoc | cbc | cbccmrro | bcciromo |
| Montrose | c | c | bcbcc | bbcc |
| Abbotsinch | cidomo | cidomo | cmo | crromo |
| Prestwick | cidomo | cidomoc | c | cro |
| West Freugh | c | ccdorocc | c | c |
| Eskdalemuir | cciro | iroromoc | cirmo | cmoRR |
| Jurby, I. of Man | idododoc | cirobccv | cbc | cidoc |
| Machrihanish | cddd | cdcdc | rrc | crir |
| Tiree | ccimdmoc | cidomo | cmocir | crroc |
| Oban | cddomo | oDrmoc | cmoidrc | ciroRR,mo |
| Stornoway | ciroromorc | cjpcirom | crorolro | mciromo,pro |
| Cape Wrath | cidoc | cporcido | crrcrr | cproc |
| Dalwhinnie | oidoc | cido | * | drr |
| Aberdeen | ccv | cbcy | bccv | cV |
| Fraserburgh | croc | cciroc | c | cro ccro |
| Alness | cciroc | ciroc | crrodd, | crrcir |
| Wick | cciroJF | cciroc | crroc | cciroc |
| Hatston | cidir | rdcd | drro | rrc |
| Sumburgh | cirov | ciroo | cro | cod mc |
| Sullom Voe | cidomo | croro | crorr | crrdc |
| Blacksod Point | d | d | r | c |
| Malin Head | bc | c | c | r |
| Aldergrove | croroidoc | cidoiropc | c | cirocir |
| Cas. Archdale | cddmocido | ccidoc | ccidoc | crromo |
| Birr Castle | d | d | * | d |
| Collinstown | c | r | bc | c |
| Foynes | c | pr | c | c |
| Valentia | d | d | d | d |
| Roches Point | c | pr | d | d |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = $\frac{1}{10}$; 3 = $\frac{1}{4}$; 4 = $\frac{1}{2}$; 5 = $\frac{3}{4}$; 6 = $\frac{9}{10}$; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present. B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

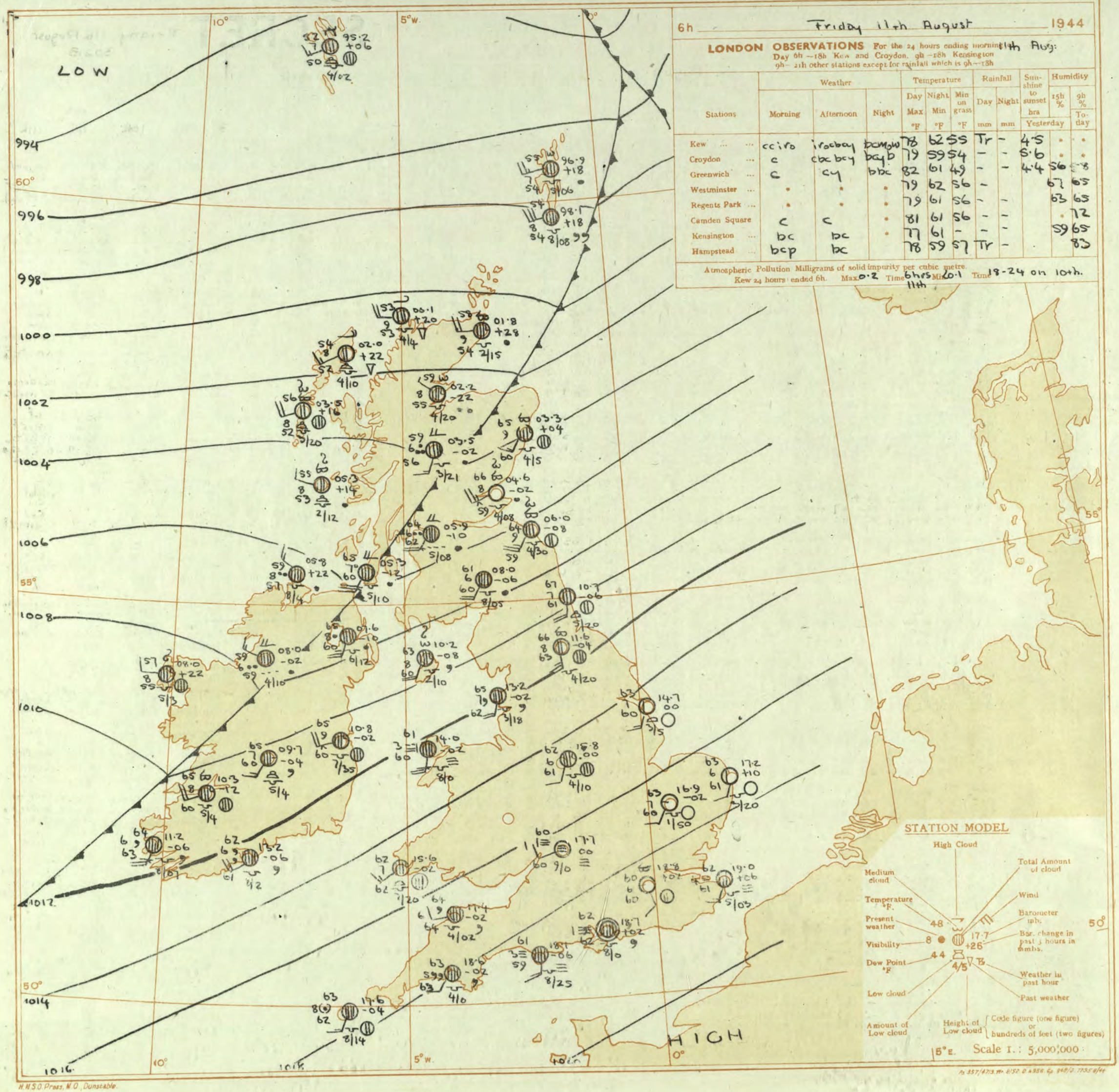
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Friday 11th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning 11th Aug:
Day 6h – 18h Kew and Croydon. 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs (Yesterday) | Humidity 15h % (Yesterday) | Humidity 9h % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | cciro | irocbcy | bcmow | 78 | 62 | 55 | Tr | – | 4.5 | • | • |
| Croydon ... | c | cbc bcy | bcyb | 79 | 59 | 54 | – | – | 5.6 | • | • |
| Greenwich ... | c | cy | bbc | 82 | 61 | 49 | – | – | 4.4 | 56 | 58 |
| Westminster ... | • | • | • | 79 | 62 | 56 | – | | | 67 | 65 |
| Regents Park ... | • | • | • | 79 | 61 | 56 | – | – | | 63 | 65 |
| Camden Square | c | c | • | 81 | 61 | 56 | – | – | | • | 72 |
| Kensington ... | bc | bc | • | 77 | 61 | – | – | – | | 59 | 65 |
| Hampstead ... | bcp | bc | | 78 | 59 | 57 | Tr | – | | | 83 |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0.2 Time 6hrs 11th Min 0.1 Time 18-24 on 10th.




H.M.S.O. Press, M.O., Dunstable.

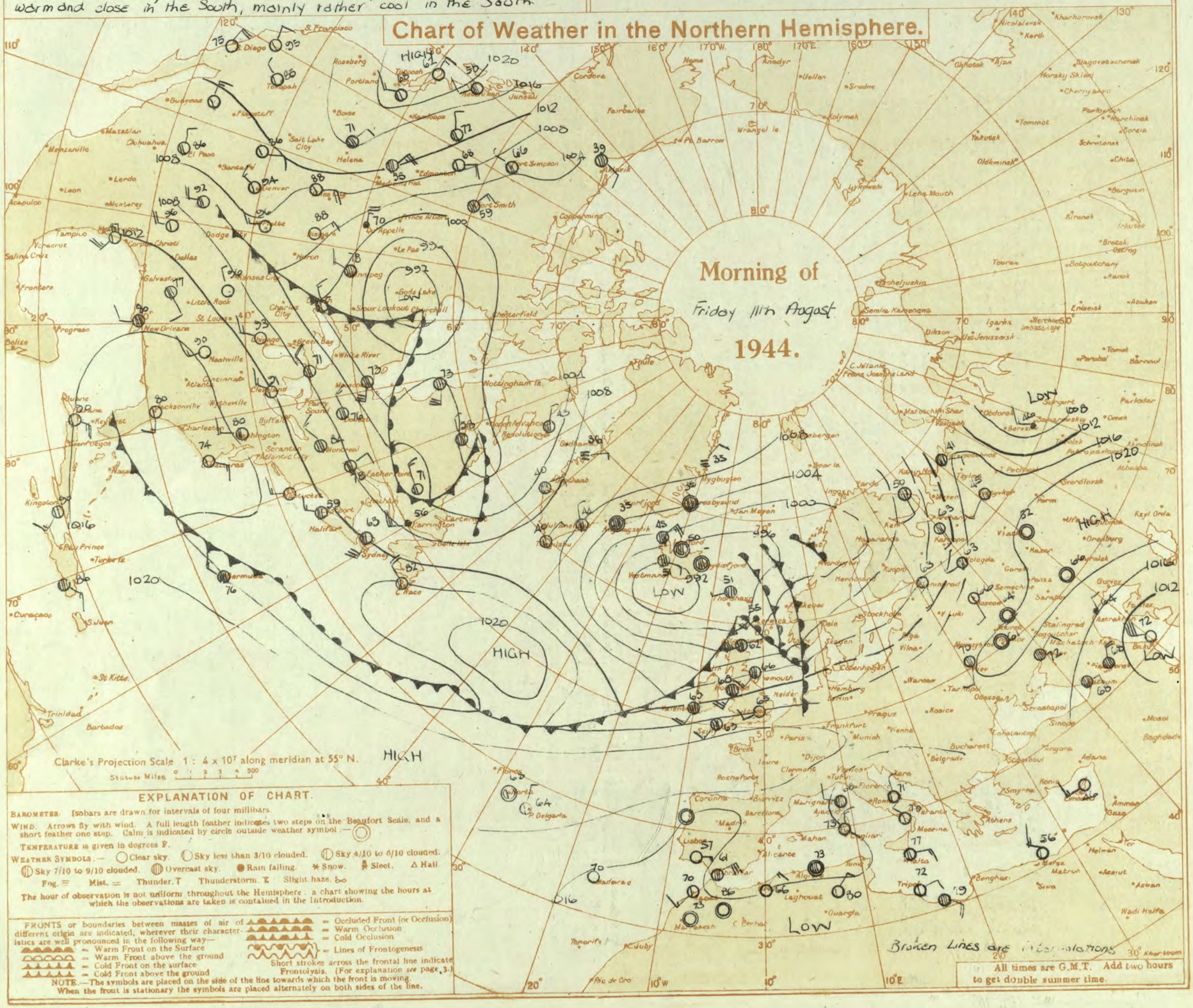
## GENERAL INFERENCE

A secondary depression north of the Shetlands is moving northeast, and an associated trough over Scotland and Ireland is moving steadily southeast, but may retard later. There will be mainly much cloud over England and South Scotland and north Ireland at first, and a narrow belt of precipitation will move southeast with the trough. Cloud will become broken well in rear; some showers are likely in north Scotland. Rather warm and close in the South, mainly rather cool in the South.

## FURTHER OUTLOOK

Showery in north Scotland, mainly fair further south, but possibly local rain in south England at first.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere. a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Friday 11th August 1944

No. 30713

## OBSERVATIONS at 00hr. G.M.T. 11th August

| District | Stations | Height above M.S.L., in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A. 0–9 (13) | Cloud Amount Low B. 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | | | | | 67 | | | | | | | | | | |
| | Croydon ... | 217 | 18.3 | +10 | SW'W | 2 | b | 68 | 60 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Boscombe Down | 417 | 18.6 | +6 | W | 2 | ojf | 60 | 60 | 5 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Thorney Island | 10 | 18.5 | +8 | W'S | 1 | zo | 63 | 63 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 18.5 | +4 | – | 0 | of | 62 | 62 | 2 | 5 | – | – | 8 | 8 | – | 0 | – |
| | Manston ... | 140 | 17.6 | +10 | WSW | 2 | zo | 64 | 62 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| 2 | North Weald | 244 | 18.0 | +8 | SSW | 2 | zo | 63 | 61 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Felixstowe ... | 10 | 16.8 | +10 | SW | 1 | b | 68 | 62 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Gorleston ... | 5 | 15.6 | +6 | – | 0 | b | 66 | 61 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Mildenhall | 15 | 16.4 | +8 | WSW | 2 | b | 64 | 60 | 7 | – | 8 | – | 0 | 0 | 0 | – | – |
| | Bircham Newton | 221 | 16.3 | +10 | WSW | 1 | b | 62 | 60 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Cranwell ... | 203 | 15.5 | 0 | WSW | 2 | b | 61 | 59 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| 3 | Cranfield ... | 340 | 17.0 | +8 | SSW | 2 | zo | 62 | 60 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Honiley ... | 427 | 16.4 | +2 | SW | 3 | b | 65 | 50 | 8 | 5 | 4 | – | 1 | 1 | 1 | 25 | – |
| 4 | Little Rissington | 731 | 17.6 | +6 | WSW | 3 | zo | 60 | 60 | 6 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Shobden ... | 318 | 17.0 | +2 | W | 2 | bc | 64 | 61 | 8 | 5 | – | – | 4 | 2 | 4 | 30 | 72 |
| 5 | Bristol ... | 209 | 18.1 | 0 | W | 2 | bc | 63 | 62 | 7 | 5 | – | – | 4 | 4 | – | 5 | – |
| | Chivenor ... | 20 | 18.2 | +2 | SE | 2 | c | 64 | 62 | 7 | 5 | – | – | 7 | 4 | 7 | 6 | 57 |
| | Yeovilton | 50 | 18.4 | +2 | – | 0 | c | 64 | 62 | 6 | 5 | – | – | 8 | 4 | 8 | 7 | 15 |
| | Portland Bill | 32 | 18.4 | +2 | SW | 4 | c | 61 | 59 | 7 | 5 | – | – | 8 | 8 | – | 45 | – |
| | Exeter ... | 100 | 18.6 | +2 | – | 0 | bbc | 61 | 60 | 8 | 5 | – | – | 3 | 3 | – | 20 | – |
| | Plymouth ... | 86 | 19.3 | +2 | SW | 2 | m | 63 | 63 | 4 | 5 | – | – | 8 | 8 | – | 0 | – |
| | St. Eval ... | 345 | 19.3 | +2 | SSW | 2 | c | 63 | 63 | 7 | 5 | – | – | 8 | 4 | 8 | 5 | 57 |
| | The Lizard | 240 | 19.2 | +4 | SW | 3 | m/f | 63 | | 4 | 5 | – | – | 8 | 8 | – | 6 | – |
| | Scilly, St. Marys | 163 | 18.7 | 0 | SW'S | 3 | zo | 63 | 62 | 6 | 5 | – | – | 8 | 8 | – | 8 | – |
| 6 | Fairwood ... | 268 | 18.1 | +2 | WSW | 3 | F | 62 | 62 | 1 | 5 | – | – | 8 | 8 | – | 0 | – |
| | Pembroke ... | 142 | 17.4 | 0 | SW'S | 3 | cq | 63 | 63 | 7 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 15.1 | –2 | SSW | 4 | zo | 62 | 60 | 6 | 5 | – | – | 8 | 4 | 8 | 2 | 57 |
| | Holyhead, Valley | 32 | 14.6 | –2 | SSW | 5 | c | 61 | 59 | 8 | 5 | – | – | 8 | 6 | 8 | 3 | 57 |
| | Hawarden | 15 | 15.2 | 0 | SW | 2 | bc | 67 | 62 | 8 | 5 | – | – | 4 | 4 | – | 20 | – |
| 8 | Manchester | 230 | 15.2 | +6 | SSW | 3 | c | 64 | 61 | 8 | 5 | – | – | 7 | 7 | – | 25 | – |
| | Squires Gate | 30 | 13.9 | +4 | SSW | 4 | c | 66 | 63 | 8 | 5 | – | – | 8 | 4 | 8 | 50 | 72 |
| | Silloth ... | 25 | 11.1 | 0 | SSW | 5 | c-bc | | 61 | 8 | 5 | 3 | – | 5 | 4 | 3 | 40 | – |
| 9 | Ashbourne ... | 590 | 15.8 | –6 | SW | 3 | bc/jp | 61 | 60 | 7 | 5 | – | – | 4 | 4 | – | 25 | – |
| | Snaith ... | 30 | 14.8 | +2 | S | 3 | zo | 64 | 60 | 6 | 5 | 4 | – | 3 | 2 | 1 | 35 | – |
| 10 | Spurn Head | 29 | 13.1 | +6 | SW | 4 | bbc | 67 | 59 | 7 | 1 | – | – | 3 | 3 | – | 25 | – |
| | Catterick (Sc.) | 195 | 12.6 | –2 | SW | 3 | c-bc | 65 | 62 | 7 | 5 | 3 | – | 5 | 3 | 4 | 20 | – |
| | Tynemouth | 108 | 12.1 | –2 | SW | 3 | c-bc | 66 | 61 | 7 | 2 | 3 | – | 5 | 4 | 3 | – | – |
| | Acklington | 138 | 09.6 | +4 | WSW | 4 | bbc | 65 | 60 | 8 | 4 | 3 | – | 3 | 3 | 1 | 15 | – |
| 11 | St. Abb's Head | 280 | 07.1 | +2 | W | 5 | bc | 64 | 59 | 8 | 4 | – | 9 | 4 | 3 | 3 | 25 | – |
| | Leuchars ... | 31 | 05.9 | –6 | SSW | 4 | c-bc/f | 65 | 61 | 7 | 5 | 7 | – | 5 | 4 | 4 | 20 | – |
| | Montrose ... | 22 | 06.3 | –2 | SW | 4 | bc | 65 | 60 | 8 | 5 | 7 | – | 4 | 3 | 3 | 15 | – |
| 12 | Abbotsinch | 19 | 08.0 | 0 | SSW | 2 | zo | 65 | 60 | 6 | 5 | – | – | 8 | 5 | 4 | 8 | 15 |
| | Prestwick ... | 30 | 08.7 | –2 | SW | 5 | c | 67 | 59 | 7 | 5 | – | – | 7 | 4 | 7 | 25 | 25 |
| | West Freugh | 53 | 10.0 | 0 | SSW | 4 | c-bc | 62 | 59 | 8 | 5 | 7 | – | 5 | 1 | 4 | 15 | 40 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 11.7 | –6 | SSW | 6 | c | 67 | 60 | 8 | 5 | 4 | – | 7 | 5 | 6 | 25 | 57 |
| 13A | Machrihanish | 35 | 08.0 | –4 | SW'S | 5 | c | 67 | 61 | 7 | 5 | 7 | – | 7 | 1 | 5 | 10 | 25 |
| | Tiree ... | 44 | 03.6 | –6 | SW'S | 5 | ir | 61 | 61 | 6 | 5 | – | – | 8 | 8 | – | 14 | – |
| | Oban ... | 74 | 05.2 | –12 | SW | 4 | c | 64 | 60 | 7 | 5 | – | – | 8 | 5 | 8 | 15 | 25 |
| 13B | Stornoway ... | 12 | 97.3 | –2 | SW | 5 | c/f | 61 | 58 | 6 | 6 | 2 | – | 8 | 4 | 5 | 7 | 15 |
| | Cape Wrath | 367 | 95.5 | –18 | S | 6 | ir | 58 | 58 | 7 | 5 | 2 | – | 8 | 5 | – | 8 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 02.9 | –10 | SSW | 4 | c-bc | 65 | 58 | 8 | 5 | – | – | 5 | 5 | – | 30 | – |
| | Fraserburgh | 76 | 03.8 | –10 | S'W | 3 | c | 63 | 58 | 9 | 5 | 7 | – | 6 | 3 | 6 | 25 | – |
| | Alness ... | 63 | 00.8 | –14 | SW | 3 | rr | 62 | 61 | 6 | 5 | – | – | 8 | 3 | 8 | 3 | 15 |
| | Wick ... | 114 | 99.5 | –20 | WSW | 5 | c/f | 62 | 59 | 8 | 5 | – | 1 | 7 | 3 | 4 | 15 | 40 |
| 16 | Hatston ... | 45 | 98.2 | –18 | S'W | 4 | c/f | 58 | 57 | 5 | 5 | – | – | 8 | 4 | 8 | 7 | 15 |
| | Sumburgh ... | 15 | 97.8 | –30 | S | 4 | rorо | 56 | 56 | 7 | – | 2 | – | 8 | 8 | – | – | – |
| | Sullom Voe | 12 | 97.6 | –24 | SW | 4 | rr | 55 | 54 | 6 | 5 | 7 | – | 8 | 4 | 8 | 2 | – |
| 17 | Blacksod Point | 18 | 06.8 | –10 | SSW | 7 | rorо | 65 | 60 | 6 | 5 | 2 | – | 8 | 4 | – | 8 | – |
| 18 | Malin Head | 84 | 05.2 | –8 | SWW | 5 | c | 65 | 60 | 8 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Aldergrove | 294 | 05.8 | 0 | S'W | 3 | c | 65 | 60 | 8 | 5 | – | – | 7 | 7 | – | 15 | – |
| | Cas. Archdale | 240 | 09.8 | –4 | S | 6 | id. | 65 | 62 | 8 | 6 | 2 | – | 7 | 3 | 7 | 15 | 57 |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 11.7 | –10 | SW'S | 5 | bbc | 67 | 58 | 8 | 5 | 3 | 1 | 3 | 2 | – | 25 | – |
| 20 | Foynes ... | 3 | 12.2 | –10 | S | 3 | bc | 65 | 60 | 8 | 5 | – | – | 4 | 4 | – | 18 | – |
| | Valentia ... | 30 | 13.4 | –2 | S'W | 4 | o/a | 63 | 62 | 6 | 5 | – | – | 8 | 8 | – | 4 | – |
| | Roches Point | 22 | 14.8 | +6 | SW | 4 | dd | 62 | 61 | 5 | 5 | – | – | 8 | 8 | – | 4 | – |

## OBSERVATIONS at 06hr. G.M.T. 11th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A. 0–9 (29) | Cloud Amount Low B. 0–9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 18.6 | +2 | – | 0 | zo | 62 | 59 | 6 | 7 | – | – | 3 | 3 | 1 | 25 | 40 | 0 | * |
| Croydon ... | 18.8 | +2 | SSE | 2 | zo | 60 | 60 | 6 | – | 7 | – | 1 | 1 | – | – | – | 1 | * |
| Boscombe Down | 18.5 | +2 | SSE | 2 | f | 60 | 60 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| Thorney Island | 18.7 | +2 | – | 0 | df | 62 | 62 | 1 | 5 | – | – | 8 | 8 | – | – | – | 1 | * |
| Friston ... | | | | | | | | | | | | | | | | | | * |
| Lympne ... | 19.4 | +6 | SSW | 1 | of+ | 61 | 61 | 1 | 5 | – | – | 8 | 8 | – | 0 | – | 0 | § 2 |
| Manston ... | 19.0 | +6 | SW | 3 | m/f | 62 | 61 | 4 | 5 | – | – | 5 | 5 | – | 3 | – | 0 | * |
| North Weald | 18.6 | +2 | S'W | 4 | m | 61 | 60 | 4 | – | – | – | 0 | 0 | 0 | – | – | 0 | * |
| Felixstowe ... | 17.9 | +8 | SW | 1 | zo | 63 | 61 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 | 1 |
| Gorleston ... | 17.2 | +10 | SSW | 2 | zo | 63 | 61 | 6 | 5 | – | – | 3 | 3 | – | 20 | – | 0 | |
| Mildenhall | 16.9 | –2 | SW'S | 2 | b | 63 | 60 | 7 | 5 | – | – | 1 | 1 | – | 50 | – | 0 | * |
| Bircham Newton | 16.6 | +2 | SSW | 1 | zo | 61 | 59 | 6 | – | 4 | – | 1 | 1 | – | – | – | 0 | * |
| Cranwell ... | 15.9 | +4 | SW'S | 3 | c-bc | 63 | 60 | 7 | 5 | – | – | 5 | 5 | – | 35 | – | 0 | * |
| Cranfield ... | 17.7 | +2 | SSW | 2 | m | 61 | 60 | 4 | 5 | – | – | 8 | 8 | – | 3 | – | 0 | * |
| Honiley ... | 16.7 | 0 | SSW | 4 | zo | 63 | 61 | 6 | 5 | 7 | – | 7 | 5 | 2 | 6 | – | 0 | * |
| Little Rissington | 17.7 | 0 | SW'W | 2 | F+ | 60 | 60 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 | * |
| Shobden ... | | | | | | | | | | | | | | | | | | * |
| Bristol ... | 17.6 | –2 | S | 1 | c-bc | 64 | 62 | 7 | 5 | – | – | 5 | 5 | – | 60 | – | 0 | * |
| Chivenor ... | 17.5 | –2 | WSW | 2 | id. | 64 | 64 | 6 | 5 | – | – | 8 | 4 | 8 | 2 | 4 | 0 | * |
| Yeovilton | 18.3 | 0 | SW'S | 2 | zo | 63 | 62 | 6 | 5 | 7 | – | 8 | 3 | 7 | 8 | 8 | 0 | * |
| Portland Bill | 18.1 | –6 | S | 3 | f | 61 | 59 | 3 | 5 | – | – | 8 | 8 | – | 25 | – | 1 | 3 |
| Exeter ... | 17.8 | –8 | E | 1 | if | 62 | 61 | 6 | 5 | – | – | 5 | 5 | – | 20 | – | 0 | * |
| Plymouth ... | 18.6 | –2 | SW'S | 2 | dd | 63 | 63 | 5 | 5 | – | – | 8 | 4 | 8 | – | 8 | 1 | 2 |
| St. Eval ... | 18.7 | +2 | WSW | 3 | id. | 62 | 62 | 4 | 5 | – | – | 8 | 8 | – | 1 | – | 1 | * |
| The Lizard | 17.9 | –8 | SW | 3 | dd | 62 | 62 | 5 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | 3 |
| Scilly, St. Marys | 17.6 | –4 | SW'S | 3 | ojp | 63 | 62 | 8 | 5 | – | – | 8 | 8 | – | 14 | – | 0 | 3 |
| Fairwood ... | 17.1 | –2 | SW | 5 | df | 68 | 63 | 0 | 5 | – | – | 8 | 8 | – | 0 | – | 1 | * |
| Pembroke ... | 15.6 | –2 | SW | 4 | c | 62 | 62 | 7 | 8 | – | – | 7 | 7 | – | 20 | – | 0 | 3 |
| Aberporth ... | 15.8 | 0 | SW | 4 | c | 64 | 61 | 8 | 5 | – | – | 7 | 5 | 6 | 5 | 40 | 0 | 2 |
| Penrhos ... | 14.3 | –2 | SSW | 5 | rf | 62 | 62 | 2 | – | – | – | 8 | 5 | – | 0 | – | 1 | 4 |
| Holyhead, Valley | 14.0 | –2 | SSW | 5 | of– | 61 | 60 | 3 | 5 | – | – | 8 | 8 | – | 0 | – | 0 | 4 |
| Hawarden | 14.3 | +2 | SW | 4 | c | 66 | 62 | 8 | 5 | – | – | 8 | 4 | 8 | 8 | 25 | 0 | * |
| Manchester | 14.5 | –2 | SW | 4 | c | 65 | 61 | 7 | 5 | – | – | 7 | 7 | – | 30 | – | 0 | * |
| Squires Gate | 13.2 | –2 | SWS | 4 | id. | 65 | 62 | 7 | 5 | – | – | 8 | 3 | 8 | 18 | 25 | 0 | |
| Silloth ... | 10.0 | –4 | SSW | 6 | c | 69 | 61 | 8 | 5 | – | – | 8 | 4 | 8 | 2 | 40 | 1 | * |
| Ashbourne ... | 15.8 | 0 | SSW | 2 | zo | 62 | 61 | 6 | 5 | – | – | 7 | 4 | 7 | 10 | 25 | 0 | * |
| Snaith ... | 14.8 | +2 | WSW | 2 | zo | 65 | 61 | 6 | 5 | 4 | – | 7 | 6 | 1 | 20 | – | 0 | * |
| Spurn Head | 14.7 | 0 | SSW | 3 | bbc | 63 | 60 | 7 | 1 | – | – | 3 | 3 | – | 25 | – | 0 | 3 |
| Catterick (Sc.) | 11.6 | –4 | S | 5 | bc | 66 | 63 | 8 | 5 | 7 | – | 4 | 4 | 3 | 20 | – | 0 | * |
| Tynemouth | 10.7 | –6 | S | 4 | c-bc | 67 | 61 | 7 | 2 | – | – | 5 | 5 | – | 20 | – | 0 | 2 |
| Acklington | 09.4 | +2 | S | 3 | ir. | 65 | 59 | 7 | 5 | 4 | – | 7 | 6 | 1 | 10 | – | 0 | * |
| St. Abb's Head | 06.0 | –8 | SW | 5 | c-bc | 64 | 59 | 9 | 5 | 7 | 9 | 5 | 4 | 3 | 30 | – | 0 | 3 |
| Leuchars ... | 04.6 | –2 | SW | 5 | c | 66 | 59 | 8 | 5 | 7 | 9 | 6 | 4 | 5 | 8 | 15 | 1 | * |
| Montrose ... | 05.1 | –6 | SSW | 4 | c | 66 | 59 | 8 | 5 | – | 9 | 6 | 4 | 6 | 10 | – | 0 | * |
| Abbotsinch | 05.9 | –10 | SSW | 4 | rorо | 64 | 62 | 6 | 6 | 2 | – | 8 | 5 | 8 | 8 | 25 | 1 | * |
| Prestwick ... | 06.6 | –8 | SSW | 5 | rorо | 65 | 60 | 7 | 6 | 2 | – | 8 | 3 | 5 | 10 | 15 | 1 | * |
| West Freugh | 09.2 | –8 | S | 5 | c | 62 | 60 | 8 | 5 | 7 | – | 7 | 2 | 5 | 5 | 25 | 0 | * |
| Eskdalemuir | 08.0 | –6 | SSW | 4 | zo | 61 | 60 | 6 | 5 | – | – | 8 | 8 | – | 5 | – | 1 | * |
| Jurby, I. of Man | 10.2 | –8 | SSW | 4 | c | 63 | 60 | 8 | 5 | 3 | – | 7 | 2 | 4 | 10 | 40 | 1 | * |
| Machrihanish | 05.3 | –12 | SSW | 6 | ir. | 65 | 60 | 7 | 5 | 2 | – | 8 | 5 | 8 | 10 | – | 1 | 4 |
| Tiree ... | 05.3 | +14 | W'N | 2 | c-bc | 55 | 53 | 8 | 8 | 7 | 6 | 5 | 2 | 3 | 12 | 40 | 1 | |
| Oban ... | 04.7 | +2 | WNW | 2 | c/r | 57 | 55 | 8 | 5 | 2 | – | 8 | 2 | 4 | – | 4 | 1 | 2 |
| Stornoway ... | 02.0 | +22 | SW | 3 | bc | 54 | 52 | 8 | 5 | – | 2 | 4 | 4 | – | 10 | – | 1 | 2 |
| Cape Wrath | 00.1 | +20 | W | 4 | c-bc | 53 | 53 | 9 | 5 | 7 | 1 | 5 | 4 | – | 15 | – | 1 | 4 |
| Dalwhinnie | 04.0 | –2 | SW | 3 | rr | 59 | 56 | 6 | 5 | 2 | – | 8 | 3 | 8 | 24 | 72 | 1 | * |
| Aberdeen† ... | 03.3 | +4 | SW'S | 3 | c | 55 | 60 | 9 | 5 | 7 | – | 7 | 4 | 7 | 25 | – | 0 | 2 |
| Fraserburgh | 03.0 | +10 | WSW | 4 | ir. | 53 | 59 | 8 | 5 | 2 | – | 7 | 1 | 4 | 20 | 40 | 1 | |
| Alness ... | 02.2 | +22 | WNW | 1 | c/r | 59 | 55 | 8 | 5 | 3 | – | 7 | 4 | 6 | 20 | – | 1 | * |
| Wick ... | 01.8 | +28 | W | 4 | c | 58 | 54 | 9 | 5 | 7 | – | 7 | 2 | 5 | 15 | 40 | 1 | * |
| Hatston ... | 00.3 | +20 | WSW | 6 | c-bc | 57 | 54 | 8 | 5 | 3 | 5 | 5 | 5 | 4 | 9 | 15 | * | * |
| Sumburgh ... | 98.1 | +18 | W'S | 6 | o/d | 54 | 54 | 8 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | 4 |
| Sullom Voe | 96.9 | +18 | W'S | 5 | c | 55 | 54 | 7 | 5 | 3 | – | 6 | 5 | 3 | 6 | – | 1 | * |
| Blacksod Point | 08.8 | +22 | W'N | 2 | c | 57 | 55 | 8 | 5 | – | – | 7 | 5 | – | 8 | – | 1 | 2 |
| Malin Head | 05.8 | +22 | NW | 3 | rorо | 59 | 57 | 8 | 5 | – | – | 8 | 8 | – | 15 | – | 1 | 4 |
| Aldergrove | 07.6 | –10 | SSW | 5 | ir. | 65 | 60 | 8 | 5 | – | – | 8 | 6 | 8 | 12 | 25 | 1 | * |
| Cas. Archdale | 08.0 | –2 | W'N | 3 | rorо | 59 | 59 | 6 | 6 | 2 | – | 8 | 4 | 8 | 10 | 25 | 1 | * |
| Birr Castle ... | 09.7 | –4 | SW | 3 | c | 65 | 60 | 7 | 8 | 7 | – | 6 | 5 | 2 | 15 | – | 0 | * |
| Collinstown | 10.8 | –2 | SSW | 4 | c | 65 | 60 | 5 | 5 | – | – | 7 | 2 | – | 55 | – | 0 | * |
| Foynes ... | 10.5 | –12 | SW'W | 4 | c | 65 | 60 | 8 | 5 | 7 | – | 7 | 5 | – | 15 | – | 0 | * |
| Valentia ... | 11.2 | –6 | SSW | 5 | id. | 64 | 63 | 6 | 5 | – | – | 8 | 8 | – | 7 | – | 1 | 5 |
| Roches Point | 13.2 | –6 | SW | 4 | id | 62 | 61 | 6 | 5 | – | – | 8 | 8 | – | 4 | – | 1 | 4 |

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h-18h °F. (35) | Temperature Min. Night 18h-6h °F. (36) | Temperature Min. on Grass °F. (37) | Rainfall Day 6h-18h mm. (38) | Rainfall Night 18h-6h mm. (39) | Sunshine 10th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew | 78 | 62 | 55 | Tr | – | 4.5 |
| Croydon | 79 | 59 | 54 | – | – | 5.6 |
| Boscombe Down | 76 | 59 | 56 | – | – | 5.2 |
| Thorney Island | 75 | 59 | 54 | – | Tr | * |
| Friston | | | | | | |
| Lympne | 75 | 60 | 58 | – | | 5.7 |
| Manston | 75 | 60 | 57 | – | – | 5.4 |
| North Weald | 78 | 60 | * | * | * | * |
| Felixstowe | 79 | 61 | 57 | – | Tr | 6.3 |
| Gorleston | 73 | 62 | 54 | – | – | 4.3 |
| Mildenhall | 82 | 61 | 55 | – | – | 5.5 |
| Bircham Newton | 76 | 59 | 49 | – | | * |
| Cranwell | 78 | 59 | 57 | Tr | – | 5.7 |
| Cranfield | 78 | 60 | 55 | – | – | * |
| Honiley | 77 | 57 | 55 | – | – | * |
| Little Rissington | – | 59 | 56 | – | – | * |
| Shobden | 73 | | | 0.3 | | * |
| Bristol | 73 | 63 | 58 | 0.4 | – | 4.9 |
| Chivenor | 71 | 63 | 58 | 0.1 | Tr | * |
| Yeovilton | 76 | 59 | 58 | – | – | * |
| Portland Bill | 64 | 59 | * | – | – | * |
| Exeter | 72 | 59 | 55 | – | – | * |
| Plymouth | 73 | 63 | 57 | – | 0.5 | 5.6 |
| St. Eval | 65 | 61 | 60 | Tr | Tr | * |
| The Lizard | 78 | 60 | * | – | 0.5 | 0.2 |
| Scilly, St. Marys | 67 | 62 | * | Tr | – | 0.0 |
| Fairwood | – | 61 | 61 | – | 0.1 | * |
| Pembroke | 65 | 60 | * | Tr | – | 2.8 |
| Aberporth | 75 | 62 | 62 | 0.3 | – | 4.5 |
| Penrhos | 72 | 61 | 51 | – | Tr | * |
| Holyhead, Valley | 67 | 60 | 60 | Tr | – | * |
| Hawarden | 77 | 62 | 58 | 0.3 | – | 5.8 |
| Manchester | 75 | 61 | 55 | – | – | * |
| Squires Gate | 71 | 63 | 62 | – | – | * |
| Silloth | 67 | 62 | 60 | Tr | 0.1 | * |
| Ashbourne | 75 | 60 | 52 | – | – | * |
| Snaith | 74 | 60 | 54 | Tr | – | * |
| Spurn Head | 72 | 62 | * | – | – | 6.9 |
| Catterick (Sc.) | 70 | 63 | 51 | – | – | 3.4 |
| Tynemouth | 72 | 64 | 59 | 0.1 | – | |
| Acklington | 70 | 61 | 59 | – | – | * |
| St. Abb's Head | 70 | 63 | * | – | – | * |
| Leuchars | 69 | 65 | 61 | – | 0.1 | 5.4 |
| Montrose | 69 | 64 | 60 | – | – | * |
| Abbotsinch | 65 | 64 | 60 | 0.1 | 3 | 0.0 |
| Prestwick | 67 | 68 | 62 | 0.4 | 0.3 | * |
| West Freugh | 67 | 61 | 58 | 0.4 | Tr | * |
| Eskdalemuir | 63 | 59 | 59 | 0.3 | 7 | 0.4 |
| Jurby, I. of Man | 72 | 61 | 61 | Tr | 1 | * |
| Machrihanish | 68 | 65 | 64 | 1 | 4 | * |
| Tiree | 63 | 54 | 53 | 1 | 4 | 0.0 |
| Oban | 62 | 55 | * | – | * | * |
| Stornoway | 63 | 53 | 50 | 4 | 4 | 0.1 |
| Cape Wrath | 56 | 52 | * | 3 | 9 | * |
| Dalwhinnie | 64 | 57 | 56 | 0.3 | 13 | 1.6 |
| Aberdeen† | 69 | 61 | 57 | – | – | 1.1 |
| Fraserburgh | 66 | 59 | 57 | Tr | 0.2 | * |
| Alness | 69 | 53 | 52 | Tr | 8 | * |
| Wick | 64 | 57 | 57 | 0.2 | 1 | * |
| Hatston | * | * | * | * | * | * |
| Sumburgh | 58 | 53 | 52 | Tr | 2 | 0.0 |
| Sullom Voe | 60 | 54 | 53 | 0.6 | 1 | * |
| Blacksod Point | 57 | 56 | * | 0.2 | 5 | * |
| Malin Head | 57 | 49 | * | 0.2 | 5 | 0.9 |
| Aldergrove | 70 | 62 | 54 | 0.5 | Tr | 0.9 |
| Cas. Archdale | 70 | 59 | 58 | 0.1 | 3 | * |
| Birr Castle | 70 | 64 | 61 | 0.0 | 0.3 | 0.2 |
| Collinstown | 72 | 65 | 62 | Tr | 0.1 | 1.9 |
| Foynes | 72 | 63 | 60 | 0.3 | 3 | 1.3 |
| Valentia | 67 | 61 | 61 | Tr | 3 | 0.0 |
| Roches Point | 68 | 62 | * | Tr | 3 | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Saturday 12th August 1944

No. 30214

## OBSERVATIONS at 12h. G.M.T. 11th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Amount Total 0-9 (12) | Amount Low A 0-9 (13) | Amount Low B 0-9 (14) | Height of Base Hundreds of feet A (15) | Height of Base B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 18·4 | -2 | SW'S | 4 | c | 74 | 61 | 8 | 8 | 3 | - | 6 | 3 | 4 | 28 | 40 |
| | Croydon | 18·6 | -2 | S | 4 | c | 77 | 61 | 9 | 2 | 7 | - | 5 | 4 | 4 | 30 | - |
| | Boscombe Down | 18·8 | +2 | SW'S | 4 | c | 70 | 63 | 8 | 5 | 7 | - | 7 | 5 | 6 | 18 | 25 |
| | Thorney Island | 19·7 | +4 | SSW | 3 | c | 68 | 63 | 7 | 5 | - | - | 8 | 4 | 8 | 3 | 8 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 20·1 | 0 | SSW | 3 | cbdf | 69 | 63 | 7 | 5 | 4 | - | 5 | 4 | 2 | 20 | - |
| | Manston | 19·1 | 0 | SW | 4 | bc | 77 | 60 | 8 | 7 | 4 | 1 | 2 | 2 | 1 | 20 | - |
| 2 | North Weald | 18·3 | -2 | SSW | 3 | c | 77 | 62 | 8 | 7 | - | - | 7 | 5 | 7 | 30 | 57 |
| | Felixstowe | 18·3 | 0 | SSE | 4 | bc | 75 | 64 | 7 | 5 | 4 | - | 3 | 3 | 1 | 30 | - |
| | Gorleston | 17·3 | +2 | S'E | 3 | zo | 69 | 65 | 6 | 1 | - | - | 5 | 5 | - | 25 | - |
| | Mildenhall | 16·6 | -6 | SW | 4 | c | 81 | 56 | 8 | - | 6 | - | 5 | 4 | 4 | 30 | - |
| | Bircham Newton | 16·0 | -8 | SW | 5 | c | 78 | 62 | 8 | 8 | 5 | - | 5 | 4 | 4 | 20 | 40 |
| | Cranwell | 15·7 | 0 | SW'W | 4 | c | 77 | 64 | 8 | 8 | - | - | 5 | 4 | 5 | 25 | 40 |
| 3 | Cranfield | 16·8 | -4 | SW | 4 | c | 76 | 61 | 8 | 7 | 3 | - | 5 | 4 | 5 | 25 | - |
| | Honiley | 16·4 | 0 | SW | 5 | c | 74 | 61 | 7 | 8 | 6 | - | 6 | 3 | 5 | 25 | 40 |
| 4 | Little Rissington | 17·0 | +2 | SW | 4 | c | 69 | 61 | 8 | 8 | 3 | - | 5 | 4 | 3 | 18 | 25 |
| | Shobden | 16·7 | -2 | SSW | 4 | c | 72 | 61 | 8 | 5 | 7 | 6 | 7 | 3 | 4 | 15 | 25 |
| 5 | Bristol | 17·9 | +2 | SW | 3 | c | 75 | 59 | 7 | 5 | - | - | 6 | 6 | - | 25 | - |
| | Chivenor | 18·3 | +8 | WSW | 5 | c | 69 | 62 | 8 | 5 | - | 6 | 7 | 4 | 5 | 9 | 15 |
| | Yeovilton | 18·5 | +4 | SSW | 4 | c | 70 | 62 | 8 | 8 | 7 | - | 4 | 3 | 4 | 18 | 15 |
| | Portland Bill | 19·8 | +8 | SW | 4 | c/F | 63 | 61 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 18·4 | +4 | S | 3 | c | 71 | 63 | 8 | 5 | - | - | 6 | 6 | - | 10 | - |
| | Plymouth | 19·5 | +6 | WSW | 3 | ido | 64 | 63 | 6 | 5 | - | - | 7 | 4 | 7 | 3 | 8 |
| | St. Eval | 19·2 | +6 | W'S | 5 | c | 67 | 61 | 9 | 8 | 7 | - | 7 | 3 | 5 | 15 | 40 |
| | The Lizard | 19·1 | +10 | SW | 4 | c | 67 | 62 | 7 | 5 | 9 | - | 7 | 7 | - | 15 | - |
| | Scilly, St. Marys | 18·9 | +8 | SW | 4 | c | 68 | 61 | 8 | 5 | 4 | 4 | 6 | 4 | 4 | 16 | 40 |
| 6 | Fairwood | 17·9 | +6 | SW'S | 5 | c | 65 | 62 | 7 | 5 | - | - | 7 | 4 | 7 | 4 | 15 |
| | Pembroke | 16·4 | +2 | SSW | 4 | cbg | 65 | 62 | 7 | 8 | 6 | - | 5 | 4 | 3 | 25 | - |
| | Aberporth | 15·5 | +2 | SW'S | 5 | iro | 67 | 60 | 7 | 5 | 7 | - | 7 | 2 | 6 | 5 | 15 |
| 7 | Penrhos | 14·9 | +6 | SW'S | 5 | ido | 66 | 56 | 6 | 5 | - | - | 8 | 6 | 8 | 6 | 25 |
| | Holyhead, Valley | 14·1 | +4 | SSW | 6 | m | 62 | 61 | 4 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Hawarden | 14·2 | -2 | SW | 5 | c | 74 | 60 | 8 | 7 | - | - | 7 | 3 | 5 | 12 | 25 |
| 8 | Manchester | 14·6 | +2 | SW'S | 5 | c | 71 | 60 | 8 | 7 | - | - | 7 | 4 | 6 | 25 | 40 |
| | Squires Gate | 17·4 | +4 | SW | 5 | c | 69 | 63 | 8 | 9 | 4 | 9 | 7 | 4 | 6 | 22 | - |
| | Silloth | 10·6 | +16 | SSW | 6 | rr | 61 | 61 | 4 | 5 | - | - | 8 | 5 | 8 | 2 | 15 |
| 9 | Ashbourne | 15·6 | -2 | SSW | 3 | ic | 70 | 62 | 8 | 5 | - | - | 8 | 4 | 8 | 9 | 25 |
| | Snaith | 14·7 | -2 | WSW | 4 | c | 74 | 61 | 8 | 7 | - | - | 7 | 4 | 7 | 20 | 40 |
| 10 | Spurn Head | 14·7 | 0 | SW | 4 | c | 74 | 63 | 7 | 5 | - | - | 7 | 7 | - | - | - |
| | Catterick (Sc.) | 11·8 | +6 | S'W | 6 | c | 74 | 64 | 8 | 7 | 7 | 8 | 7 | 4 | 4 | 15 | 40 |
| | Tynemouth | 10·8 | 0 | SW | 6 | bcg | 71 | 59 | 7 | 8 | - | - | 6 | 6 | - | 20 | - |
| | Acklington | 09·7 | +6 | WNW | 3 | roro | 67 | 60 | 8 | 5 | 7 | - | 7 | 4 | 5 | 10 | 25 |
| 11 | St. Abb's Head | 07·3 | +8 | SW | 6 | rr | 64 | 58 | 8 | 8 | - | - | 7 | 3 | 4 | 20 | 25 |
| | Leuchars | 06·7 | +14 | SW | 3 | bc/r | 64 | 58 | 8 | 8 | - | 6 | 7 | 4 | 5 | 2 | 40 |
| | Montrose | 06·6 | +10 | WSW | 2 | c/pr | 67 | 60 | 9 | 8 | 7 | - | 7 | 2 | 6 | 7 | 15 |
| 12 | Abbotsinch | 09·3 | +24 | W'N | 2 | c | 60 | 54 | 9 | 8 | 3 | - | 5 | 3 | 4 | 8 | 15 |
| | Prestwick | 10·3 | +30 | SW'W | 3 | cbc/r | 59 | 57 | 7 | 5 | 7 | - | 5 | 3 | 4 | 5 | 15 |
| | West Freugh | 10·5 | +14 | NW | 3 | c/pr | 58 | 57 | 8 | 5 | - | - | 7 | 2 | 7 | 8 | 25 |
| | Eskdalemuir | 09·2 | +8 | SW'W | 5 | rr | 61 | 60 | 6 | 6 | 2 | - | 8 | 5 | 8 | 3 | 8 |
| | Jurby, I. of Man | 10·7 | +6 | SW'S | 6 | ido | 63 | 62 | 7 | 5 | 3 | - | 8 | 4 | 8 | 16 | 25 |
| 13A | Machrihanish | 10·3 | +22 | WSW | 3 | c | 62 | 58 | 8 | 8 | 7 | - | 5 | 4 | 5 | 25 | - |
| | Tiree | 09·0 | +16 | SW'W | 3 | bc | 62 | 57 | 9 | 2 | 3 | - | 4 | 4 | 1 | 25 | - |
| | Oban | 09·4 | +20 | SW | 3 | c | 64 | 57 | 9 | 8 | 6 | - | 6 | 5 | 2 | 30 | - |
| 13B | Stornoway | 04·5 | +12 | SW | 6 | propr | 62 | 49 | 6 | 8 | 7 | - | 6 | 5 | 5 | 10 | 15 |
| | Cape Wrath | 03·4 | +6 | WSW | 5 | bc | 57 | 53 | 9 | 8 | 4 | - | 4 | - | 0 | - | - |
| 15 | Dalwhinnie | 07·0 | +20 | WSW | 3 | c | 59 | 47 | 8 | 8 | - | 9 | 5 | 4 | 5 | 22 | - |
| | Aberdeen | 06·6 | +24 | NE | 2 | c | 58 | 56 | 8 | 4 | - | - | 8 | 1 | 8 | - | 25 |
| | Fraserburgh | 06·7 | +22 | NNW | 2 | bc/pr | 53 | 51 | 8 | 5 | 4 | - | 6 | 1 | 4 | 15 | 40 |
| | Alness | 05·7 | +14 | W | 4 | c | 66 | 49 | 9 | 5 | - | 5 | 4 | 4 | 3 | 30 | - |
| | Wick | 05·4 | +16 | W | 3 | c | 64 | 48 | 9 | 2 | - | 6 | 5 | 3 | 4 | 15 | 40 |
| 16 | Hatston | 04·5 | +16 | W'S | 5 | c | 62 | 51 | 8 | 8 | 7 | 5 | 4 | 3 | 4 | 15 | 25 |
| | Sumburgh | 03·5 | +26 | SW'S | 3 | bc | 57 | 53 | 9 | 1 | 4 | 8 | 4 | 1 | 1 | 12 | - |
| | Sullom Voe | 02·5 | +26 | W | 5 | c | 50 | 50 | 9 | 2 | - | - | 5 | 5 | - | 18 | - |
| 17 | Blacksod Point | 12·8 | +18 | WSW | 4 | c | 63 | 50 | 8 | 8 | - | - | 7 | 7 | - | 25 | - |
| 18 | Malin Head | 10·0 | +22 | W | 4 | bc | 61 | 52 | 8 | 2 | - | - | 4 | 4 | - | 25 | - |
| | Aldergrove | 11·3 | +30 | W | 3 | bc | 63 | 56 | 8 | 2 | - | - | 4 | 4 | - | 30 | - |
| | Cas. Archdale | 12·5 | +22 | W | 3 | bc | 63 | 49 | 8 | 1 | 4 | 1 | 4 | 3 | 1 | 25 | - |
| 19 | Birr Castle | 14·2 | +18 | W | 2 | c | 66 | 53 | 8 | 5 | - | 1 | 5 | 4 | - | 15 | - |
| | Collinstown | 12·5 | +22 | W'N | 4 | c/r | 63 | 58 | 9 | 5 | - | - | 7 | 7 | - | 15 | - |
| 20 | Foynes | 14·4 | +16 | W'N | 4 | bc | 66 | 53 | 9 | 5 | 3 | - | 5 | 4 | - | 40 | - |
| | Valentia | 15·7 | +18 | NW'W | 3 | bc | 64 | 51 | 9 | 8 | - | 3 | 4 | 3 | - | 25 | - |
| | Roches Point | 14·5 | +14 | NNW | 4 | dr | 61 | 60 | 5 | 5 | - | - | 8 | 8 | - | 4 | - |

## OBSERVATIONS at 18h. G.M.T. 11th August — PAST 24 HOURS

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A 0-9 (29) | Low B 0-9 (30) | Height of Base Hundreds of feet A (31) | B (32) | State of Ground 0-9 (33) | Sea 0-9 (34) | Weather 06h.–12h. 11th (41) | 12h.–18h. 11th (42) | 18h. 11th to 00h. 12th (43) | 00h.–06h. 12th (44) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 17·6 | +2 | SW | 4 | bc | 71 | 57 | 8 | 8 | 9 | 4 | 4 | 1 | 1 | 28 | 57 | 0 | * | bccwc | bcybc | bc,bw | b,cw |
| Croydon | 18·1 | +2 | SW'S | 4 | bc | 73 | 61 | 8 | 1 | - | 3 | 9 | 3 | 2 | 20 | - | 0 | * | bccy | cybcybc | bc | bcmocfc |
| Boscombe Down | 18·2 | +2 | SSW | 3 | c | 67 | 61 | 9 | 5 | 3 | 1 | 5 | 3 | 5 | 25 | - | 0 | * | cmod | c | cbc | bcc |
| Thorney Island | 18·8 | -6 | SW | 3 | c | 67 | 60 | 8 | 5 | - | 2 | 4 | 5 | 3 | 15 | - | 0 | * | cmoc | cbc | cbcmocmo | cmo |
| Friston | | | | | | | | | | | | | | | | | | * | | | | |
| Lympne | 18·8 | -6 | SSW | 3 | c | 64 | 61 | 7 | 5 | - | 4 | 7 | 7 | 3 | 1 | - | 0 | § | ofebcmbc | bcb | bmo | offe |
| Manston | 18·1 | -6 | SW'S | 4 | bc | 73 | 61 | 8 | 1 | - | 5 | 3 | 1 | 3 | 46 | - | 0 | * | bcmobzo | by | bcb | bwmocfe |
| North Weald | 17·7 | 0 | WSW | 3 | bc | 74 | 59 | 7 | 1 | 3 | 9 | 4 | 2 | 3 | 35 | - | 0 | * | bmobzobc | cybcy | bcmo | cmoc |
| Felixstowe | 17·1 | -6 | S | 3 | bc | 71 | 65 | 8 | 5 | - | 4 | 3 | 3 | 3 | 30 | - | 0 | 3 | bczo | bcbbc | bcb | bmocmo |
| Gorleston | 16·2 | -14 | SE | 4 | bc | 79 | 67 | 7 | 2 | 7 | - | 4 | 4 | 3 | 20 | 72 | | 3 | czo | bc | bcc | c |
| Mildenhall | 15·5 | -6 | SW'W | 4 | c | 72 | 57 | 8 | 4 | 6 | 4 | 5 | 3 | 2 | 30 | - | 0 | * | c | cybcy | bcycb | bcc |
| Bircham Newton | 15·0 | 0 | SSW | 4 | bc | 76 | 60 | 8 | 4 | 6 | 2 | 5 | 3 | 3 | 40 | - | 0 | * | bwmobc | cbcyb | bcyvc | idocmow |
| Cranwell | 14·3 | -2 | WSW | 4 | c | 75 | 62 | 8 | 2 | 3 | - | 5 | 4 | 3 | 25 | - | 0 | * | c | ccyc | c | cmo |
| Cranfield | 16·0 | -2 | SW | 3 | c | 73 | 58 | 8 | 4 | 5 | 1 | 5 | 3 | 4 | 35 | - | 0 | * | ombcc | cy | cybcc | bcc |
| Honiley | 15·3 | +4 | SW'S | 4 | c | 72 | 58 | 8 | 2 | 3 | 9 | 6 | 3 | 7 | 15 | - | 0 | * | cmo | ccy | cbc | ccmo |
| Little Rissington | 16·3 | +4 | WSW | 5 | c | 69 | 60 | 9 | 8 | 3 | - | 7 | 3 | 8 | 20 | 57 | 0 | * | cmoc | cyc | bcc | ceido |
| Shobden | 15·9 | -6 | SSW | 4 | bc/pr | 68 | 62 | 8 | 8 | 6 | 5 | 6 | 4 | 5 | 18 | 25 | 0 | * | cbcc | cpro | cprocirmo | cirmoc |
| Bristol | 18·1 | +6 | W'N | 3 | c | 70 | 62 | 8 | 5 | 7 | 1 | 7 | 1 | 6 | 20 | 57 | 0 | * | cbcc | ccyc | cbcc | eDDc |
| Chivenor | 18·3 | +6 | W | 5 | c | 66 | 62 | 8 | 5 | 3 | 1 | 7 | 5 | 7 | 11 | - | 0 | * | cidomoc | c | cciro | crrroc |
| Yeovilton | 17·6 | -6 | S'W | 3 | c | 70 | 62 | 8 | 8 | 4 | 9 | 5 | 4 | 4 | 20 | - | 0 | * | cc | bcc | cprbc | c |
| Portland Bill | 18·4 | -10 | SW | 4 | c | 62 | 60 | 8 | 2 | - | - | 5 | 6 | - | 50 | - | 1 | 3 | cfc | c | c | c |
| Exeter | 18·1 | +2 | WSW | 3 | c | 72 | 62 | 8 | 5 | - | - | 6 | 6 | - | 20 | - | 0 | * | c | c | cbc | c |
| Plymouth | 19·0 | -2 | W'S | 3 | c | 66 | 61 | 8 | 5 | 3 | 9 | 5 | 4 | 4 | 16 | - | 0 | 2 | cmodo | bcc | cbcc | cmoira |
| St. Eval | 18·8 | -2 | W'S | 4 | c | 65 | 59 | 9 | 8 | 7 | - | 6 | 4 | 7 | 9 | 25 | 0 | 0 | bdodomci | c | cidoc | cmo |
| The Lizard | 19·2 | 0 | SW | 4 | bc | 66 | 65 | 8 | 1 | 3 | 4 | 5 | 4 | 3 | 30 | 57 | 0 | 4 | bbrfc | bc | cmo | cpr |
| Scilly, St. Marys | 18·5 | +2 | SW | 3 | c | 65 | 62 | 8 | 5 | - | - | 8 | 7 | - | 16 | - | 0 | 3 | edoc | c | c | foroc |
| Fairwood | 18·1 | +6 | SW'S | 5 | c/d | 65 | 63 | 5 | 5 | - | - | 7 | 7 | - | 3 | - | 1 | * | c | cidofmo | idoprrmo | omo cbc |
| Pembroke | 16·6 | -4 | SSW | 4 | cg | 63 | 62 | 6 | 8 | - | - | 8 | 8 | - | 25 | - | 0 | 4 | cg | cmog | c | cbc |
| Aberporth | 16·0 | 0 | SW | 5 | ido | 65 | 62 | 7 | 5 | - | - | 8 | 3 | 8 | 5 | 15 | 1 | 4 | c | ciroc | * | croroc |
| Penrhos | 15·2 | +2 | WNW | 4 | roro | 60 | 58 | 6 | 5 | - | - | 8 | 6 | 8 | 4 | 25 | 1 | 4 | cidomo | cidomoc | rcbcbcw | bcrobo |
| Holyhead, Valley | 15·3 | +8 | S | 3 | ido | 60 | 59 | 7 | 5 | - | - | 7 | 2 | 6 | 5 | 15 | 1 | 2 | cmom | orridomo | oido cbc | bcbw |
| Hawarden | 14·9 | +2 | NW'W | 5 | roro | 64 | 60 | 7 | 6 | 7 | - | 6 | 4 | 5 | 10 | 25 | 1 | * | c | cporrroro | cbcdcmo | cbcb |
| Manchester | 14·2 | +2 | WSW | 4 | propr | 69 | 59 | 9 | 9 | 7 | - | 7 | 4 | 6 | 12 | 25 | 1 | * | c | cprroc | cpro doirmo | cmombcmo |
| Squires Gate | 14·5 | +10 | WNW | 3 | c | 62 | 59 | 7 | 5 | 7 | - | 7 | 5 | 7 | 15 | - | 1 | * | c | croro | bbc | cbc |
| Silloth | 12·8 | +10 | SW | 4 | c | 62 | 57 | 9 | 8 | 4 | 6 | 5 | 4 | 3 | 28 | 40 | 0 | * | cciro | crrmoc | cbcc | cbcw |
| Ashbourne | 15·4 | +4 | WSW | 3 | c/r | 65 | 61 | 8 | 7 | 3 | 1 | 7 | 4 | 5 | 10 | 25 | 0 | 0 | cmoc | ecirо | cdc | cdbdomoc |
| Snaith | 14·3 | -2 | WSW | 4 | c | 72 | 60 | 8 | 8 | 6 | 2 | 7 | 4 | 5 | 15 | 25 | 0 | * | cmoczc | cproc | cromo | cmo |
| Spurn Head | 14·1 | 0 | SW'W | 4 | c | 74 | 62 | 7 | 8 | - | - | 6 | 6 | - | - | - | 0 | * | c | c | o | ocmo |
| Catterick (Sc.) | 12·7 | +4 | SW'W | 4 | c | 68 | 62 | 8 | 7 | 7 | 2 | 6 | 3 | 4 | 10 | 25 | 0 | 0 | bcc | cidoc | cbcb | bbcwc |
| Tynemouth | 12·3 | +20 | W | 4 | c | 66 | 57 | 7 | 2 | 3 | 2 | 5 | 4 | 3 | 20 | - | 1 | * | cy | cgpo | cbc | bccbcmo |
| Acklington | 11·6 | +10 | W | 3 | c | 66 | 52 | 8 | 1 | 4 | 2 | 6 | 4 | 2 | 25 | - | 1 | 0 | cirocr | cidoc | obc | bcw |
| St. Abb's Head | 10·5 | +14 | WNW | 3 | bc | 64 | 44 | 9 | 4 | 5 | - | 4 | 3 | 3 | 20 | - | 0 | * | cprcqr | cbc | bc | bc |
| Leuchars | 09·7 | +12 | WNW | 4 | bc | 66 | 45 | 8 | 4 | - | 2 | 4 | 4 | 2 | 30 | - | 1 | * | ecirormoc | cbcy | bcybcb | bbc |
| Montrose | 09·8 | +14 | WSW | 2 | bc | 65 | 46 | 9 | 8 | 4 | - | 3 | 1 | 3 | 25 | 40 | 0 | * | cirorcpro | cjpbcbz | bybcybcb | bcycbbw |
| Abbotsinch | 11·3 | +10 | W | 4 | bc | 63 | 50 | 9 | 8 | 3 | 5 | 4 | 3 | 2 | 25 | - | 1 | * | crrmoido | cbcybc | bccbc | cprpro |
| Prestwick | 12·3 | +6 | W | 4 | bc | 63 | 47 | 9 | 4 | 3 | 2 | 5 | 1 | 4 | 35 | - | 1 | * | crocrimoc | cbcyb | bccjmo | bbc |
| West Freugh | 12·8 | +10 | SW | 2 | c | 62 | 54 | 9 | 4 | 3 | 7 | 7 | 4 | 1 | 45 | - | 0 | * | crrmoro | cbccp | cbcc | cbcbc |
| Eskdalemuir | 12·1 | +14 | WNW | 3 | bc | 61 | 48 | 9 | 8 | - | 2 | 5 | 3 | 4 | 25 | - | 0 | * | cmororor | rrrocmo | bcc | cbcw |
| Jurby, I. of Man | 13·9 | +10 | SW | 3 | c | 61 | 57 | 9 | 5 | - | 2 | 7 | 2 | 5 | 30 | 40 | 0 | * | croromo | roromoc | c | bcbbc |
| Machrihanish | 12·8 | +10 | W | 2 | bc | 61 | 55 | 8 | 8 | 7 | 6 | 4 | 3 | 4 | 30 | - | 0 | 2 | rrirzc | prbcc | cbc | bccbc |
| Tiree | 10·9 | +8 | SW'W | 5 | c | 60 | 54 | 8 | 8 | 3 | - | 5 | 4 | 3 | 18 | 40 | 1 | 4 | cbc | cprobccb | bccbcbc | bcprbc |
| Oban | 11·2 | +4 | SW | 4 | c | 60 | 54 | 9 | 8 | 6 | - | 5 | 4 | 2 | 25 | - | 0 | 3 | c | bccbc | cbcc | cpropbc |
| Stornoway | 05·5 | +6 | SW | 6 | cbc/pr | 59 | 50 | 8 | 2 | 6 | - | 5 | 3 | 5 | 15 | 15 | 0 | 3 | bcccpro | cprcpro | bcjpcproc | bcPRpr |
| Cape Wrath | 05·2 | +10 | SW | 5 | c | 56 | 54 | 9 | 8 | 4 | - | 6 | - | 0 | - | - | 1 | 4 | bc | cPrc | bc | cprbc |
| Dalwhinnie | 08·0 | +10 | SW | 4 | c | 56 | 46 | 8 | 8 | 6 | - | 5 | 4 | 5 | 20 | - | 0 | * | orrc | cbcc | * | corroc |
| Aberdeen | 08·3 | +6 | S'E | 2 | bc | 61 | 53 | 8 | 1 | - | 9 | 4 | 2 | 4 | - | 57 | 0 | 1 | cirirocp | bc | bcb | bw |
| Fraserburgh | 08·4 | +10 | S'E | 3 | c | 59 | 54 | 9 | 2 | 6 | - | 5 | 4 | 5 | 25 | 40 | 0 | 0 | crrc | cbccbc | bcb | b |
| Alness | 07·4 | +8 | WSW | 5 | c | 61 | 48 | 9 | 8 | - | - | 5 | 5 | - | 30 | - | 0 | * | cbcy | bcyc | bcc | cbccpro |
| Wick | 06·3 | +8 | WSW | 4 | cbc/pr | 63 | 47 | 9 | 4 | - | - | 5 | 5 | - | 46 | - | 1 | * | cbc | bccypro | ccjpbc | bccpro |
| Hatston | 05·5 | +4 | SW'W | 5 | cbc/p | 60 | 48 | 8 | 8 | 3 | - | 5 | 4 | 4 | 15 | 40 | * | * | prc | bcpr | pcp | cpr |
| Sumburgh | 04·4 | +6 | WSW | 5 | propr | 56 | 51 | 8 | 8 | 4 | - | 6 | 1 | 4 | 20 | 25 | 0 | 2 | cmobbc | bcbbc | cprobc | proc |
| Sullom Voe | 02·9 | -2 | WSW | 5 | c | 59 | 51 | 8 | 2 | 7 | 4 | 5 | 3 | 3 | 12 | - | 0 | * | cbcc | cpr | cprbc | cprc |
| Blacksod Point | 14·4 | +8 | WSW | 5 | c | 61 | 52 | 8 | 8 | 3 | - | 7 | 4 | - | 25 | - | 1 | 4 | c | c | pr | c |
| Malin Head | 12·3 | +14 | W'N | 5 | bc | 61 | 52 | 8 | 8 | - | - | 4 | 4 | - | 25 | - | 1 | 4 | bc | bc | bc | pr |
| Aldergrove | 13·2 | +8 | W | 4 | c | 64 | 49 | 9 | 9 | 4 | 6 | 5 | 4 | 4 | 35 | - | 0 | * | roromodo | cbcy | bcy cbcc | bccbc |
| Cas. Archdale | 14·1 | +8 | WNW | 4 | c | 61 | 51 | 8 | 8 | 6 | 2 | 5 | 4 | 4 | 20 | 40 | 1 | * | cbc | cbcyc | cprobc | bccro |
| Birr Castle | 15·2 | +8 | W | 2 | bc | 65 | 52 | 8 | 5 | - | 1 | 4 | 4 | - | 25 | - | 1 | * | r | bc | * | bc |
| Collinstown | 14·3 | +8 | W'S | 4 | c | 67 | 51 | 9 | 1 | 3 | 2 | 5 | 3 | - | 40 | - | 0 | * | r | c | c | b |
| Foynes | 16·2 | +10 | W | 3 | c | 63 | 50 | 9 | 7 | - | 3 | 5 | 4 | - | 40 | - | 1 | * | bc | c | c | c |
| Valentia | 17·4 | +6 | W'N | 3 | c | 62 | 49 | 8 | 7 | - | 3 | 7 | 1 | - | 40 | - | 1 | 2 | bc | c | bc | bc |
| Roches Point | 16·1 | +8 | SSW | 1 | bc | 62 | 60 | 8 | 3 | - | 5 | 4 | 3 | - | 15 | - | 1 | 4 | r | r | c | bc |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil  1 = Trace  2 = 1/10  3 = 1/4  4 = 1/2  5 = 3/4  6 = 9/10  7 = More than 9 but with openings.  8 = Completely covered.  9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present. B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

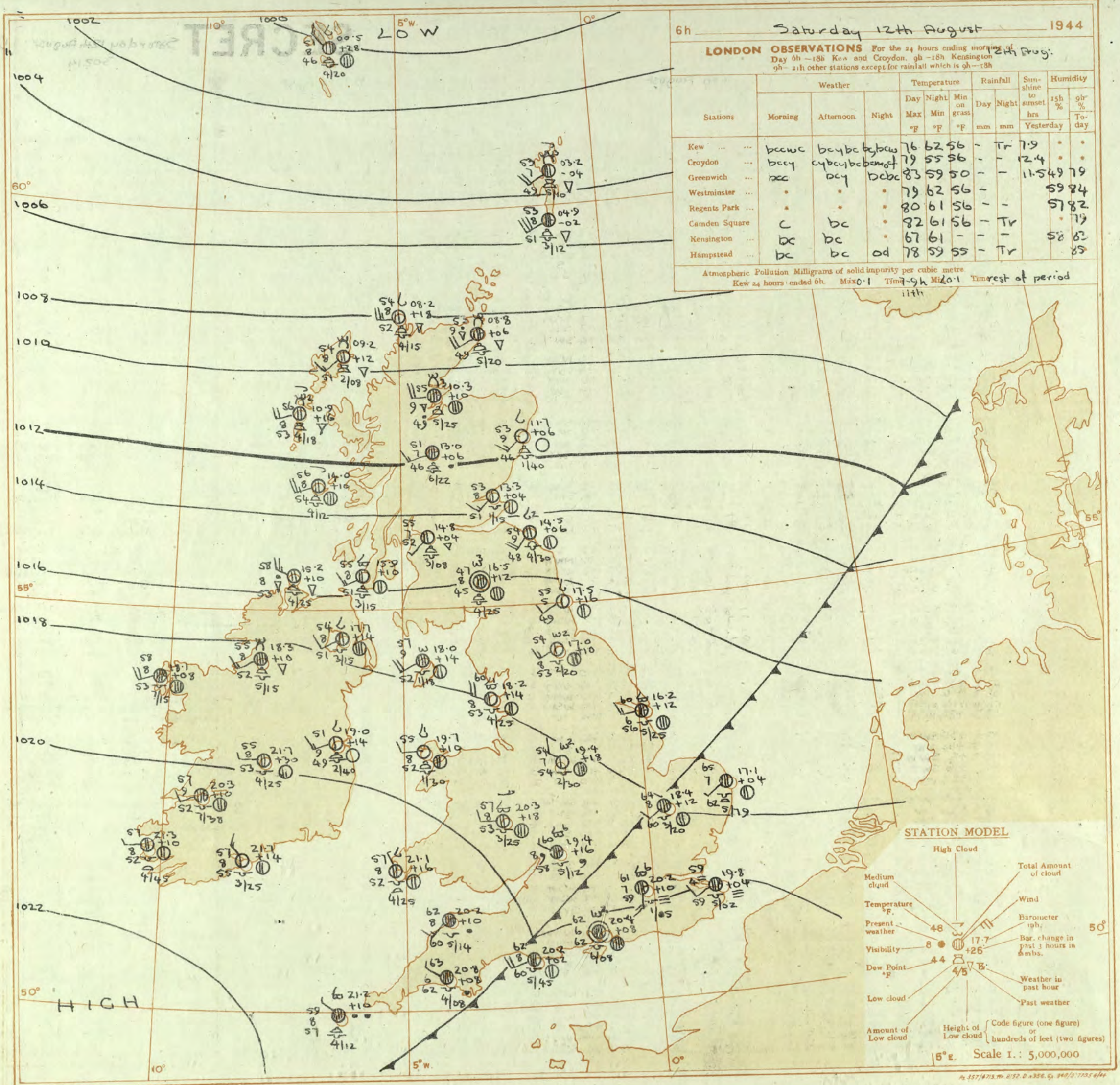
NELSON K. JOHNSON, K.C.B., D.Sc., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Saturday 12th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 12th Aug.
Day 6h – 18h Kew and Croydon. 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs (Yesterday) | Humidity 15h % (Yesterday) | Humidity 9h % (Today) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | bccwc | bcybc | bcybcw | 76 | 62 | 56 | – | Tr | 7.9 | • | • |
| Croydon ... | bccy | cybcybc | bcmcf | 79 | 55 | 56 | – | – | 12.4 | • | • |
| Greenwich ... | bcc | bcy | bcbc | 83 | 59 | 50 | – | – | 11.5 | 49 | 79 |
| Westminster ... | • | • | • | 79 | 62 | 56 | – | | | 59 | 84 |
| Regents Park ... | • | • | • | 80 | 61 | 56 | – | – | | 57 | 82 |
| Camden Square | c | bc | • | 82 | 61 | 56 | – | Tr | | • | 79 |
| Kensington ... | bc | bc | • | 67 | 61 | – | – | – | | 58 | 83 |
| Hampstead ... | bc | bc | od | 78 | 59 | 55 | – | Tr | | | 85 |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max 0·1 Time 7–9h Min 0·1 Time rest of period




H.M.S.O. Press, W.O., Dunstable.

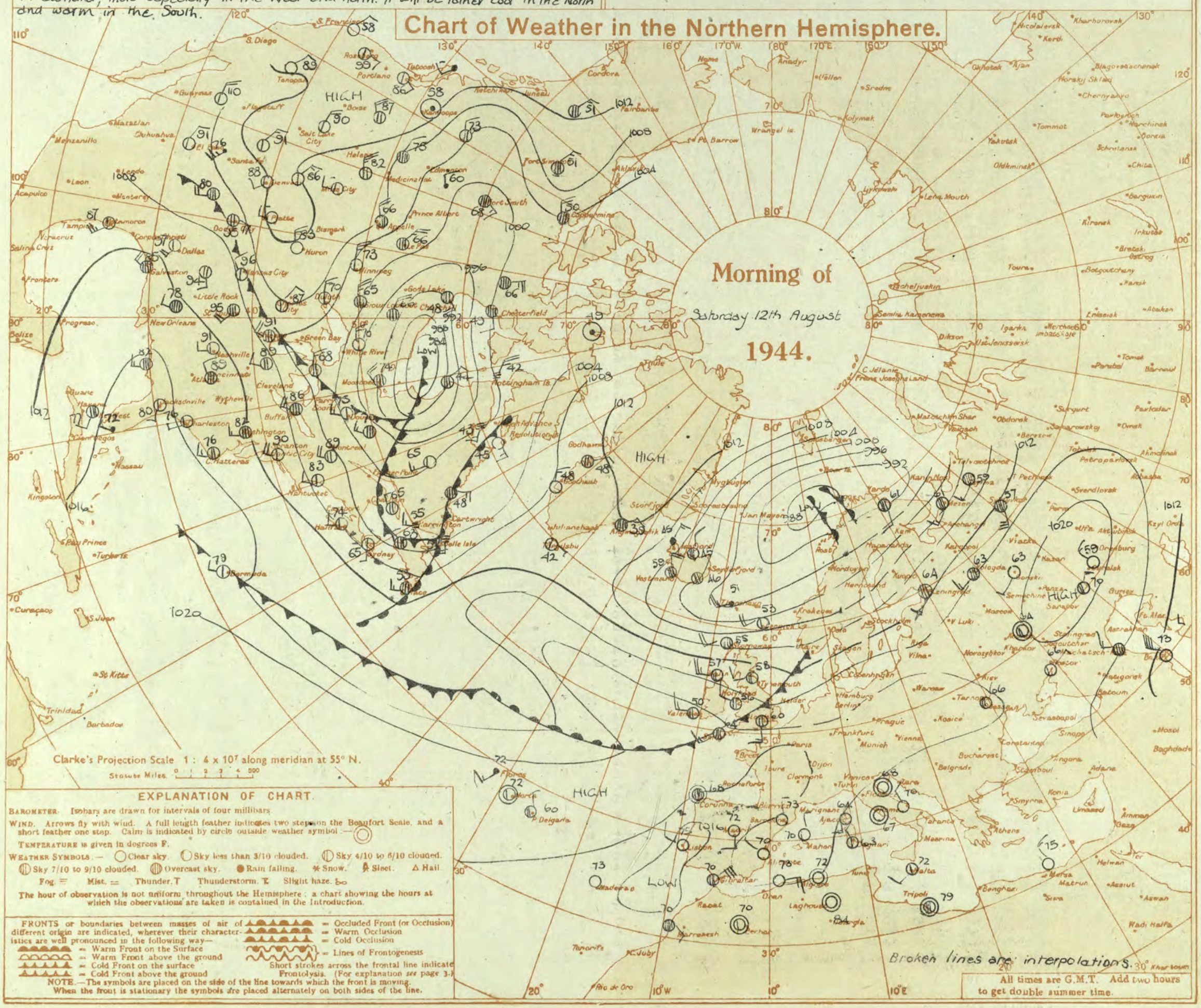
## GENERAL INFERENCE

A weak trough of low pressure is moving southeast across Southeast England, and an anticyclone centred southwest of Ireland will move east across Southern England. Weather will be dull at first in Southeast England, but otherwise it will be mainly fair in England, Wales and Ireland. There will be scattered showers in Scotland, more especially in the West and North. It will be rather cool in the North and warm in the South.

## FURTHER OUTLOOK

Rain later in Ireland, fair elsewhere.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere ; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Saturday 12th August 1944

No. 30214

## OBSERVATIONS at 00hr. G.M.T. 12th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A. 0–9 (13) | Cloud Amount Low B. 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 63 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 19·2 | +2 | S | 3 | bc | 62 | 59 | 7 | – | 7 | – | 4 | 4 | – | – | – |
| | Boscombe Down | 417 | 19·1 | +2 | SW'N | 1 | bc | 60 | 57 | 8 | 5 | 7 | – | 4 | 4 | 4 | 20 | – |
| | Thorney Island | 10 | 19·4 | +2 | WSW | 1 | ⊘ | 62 | 60 | 6 | 5 | – | – | 7 | 4 | 7 | 8 | 25 |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 19·7 | +2 | SW | 1 | ⊘ | 58 | 57 | 5 | – | – | 1 | 1 | 1 | – | 200 | – |
| | Manston ... | 140 | 19·4 | +8 | WSW | 2 | b | 60 | 58 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| 2 | North Weald | 244 | 19·2 | +4 | SW'N | 4 | ⊘ | 61 | 60 | 6 | – | 7 | 2 | 4 | 3 | 3 | 80 | – |
| | Felixstowe ... | 10 | 17·3 | +4 | WSW | 3 | b-bc | 65 | 60 | 7 | – | 3 | 5 | 3 | 2 | 3 | – | – |
| | Gorleston ... | 5 | 16·5 | +2 | SE | 2 | ⊘ | 67 | 59 | 6 | 7 | 3 | – | 4 | 3 | 3 | 20 | 72 |
| | Mildenhall | 15 | 17·3 | +10 | SW'S | 3 | b | 65 | 60 | 8 | 5 | 4 | – | 2 | 2 | 1 | 66 | – |
| | Bircham Newton | 221 | 16·9 | +10 | SW | 2 | c | 63 | 59 | 7 | 5 | – | – | 6 | 6 | – | 31 | – |
| | Cranwell ... | 203 | 16·0 | +8 | SW'N | 3 | e-bc | 66 | 59 | 7 | 5 | 7 | – | 5 | 4 | 5 | 40 | – |
| 3 | Cranfield ... | 340 | 17·8 | +10 | SW | 2 | e-bc | 64 | 58 | 7 | 5 | – | – | 5 | 5 | – | 60 | – |
| | Honiley ... | 427 | 17·3 | +6 | SW | 3 | c | 63 | 59 | 8 | 5 | – | – | 8 | 8 | – | 15 | – |
| 4 | Little Rissington | 731 | 17·7 | +2 | WSW | 4 | c | 62 | 61 | 8 | 5 | – | – | 6 | 6 | – | 9 | – |
| | Shobden ... | 318 | 17·9 | +10 | W | 3 | ⊘ | 63 | 61 | 6 | 5 | – | – | 8 | 4 | 8 | 10 | 15 |
| 5 | Bristol ... | 209 | 18·0 | –6 | S | 1 | e-bc | 64 | 61 | 7 | 5 | – | – | 5 | 4 | 4 | 25 | 57 |
| | Chivenor ... | 20 | 18·8 | +2 | SW | 4 | id. | 65 | 62 | 7 | 5 | – | – | 8 | 8 | – | 11 | – |
| | Yeovilton | 50 | 19·2 | +4 | W'S | 1 | b-bc | 59 | 57 | 7 | 5 | – | – | 3 | 3 | – | 15 | – |
| | Portland Bill | 32 | 19·6 | +8 | SW | 3 | e-bc | 61 | 59 | 8 | 5 | – | – | 5 | 5 | – | 50 | – |
| | Exeter ... | 100 | 19·7 | +8 | – | 0 | b-bc | 60 | 59 | 7 | 5 | – | 8 | 3 | 3 | 3 | 20 | – |
| | Plymouth ... | 86 | 20·4 | +4 | SW | 3 | c | 64 | 62 | 7 | 5 | – | – | 6 | 6 | – | 18 | – |
| | St. Eval ... | 345 | 19·9 | +4 | WSW | 3 | ⊘ | 64 | 61 | 6 | 5 | – | – | 7 | 4 | 7 | 11 | 25 |
| | The Lizard | 240 | 20·2 | +8 | WSW | 2 | ⊘ | 63 | 61 | 6 | 5 | – | – | 8 | 8 | – | 10 | – |
| | Scilly, St. Marys | 163 | 21·0 | +6 | SW | 3 | c | 64 | 62 | 8 | 5 | – | – | 7 | 7 | – | 15 | – |
| 6 | Fairwood ... | 268 | 18·4 | +6 | W | 3 | ⊘ | 62 | 61 | 6 | 5 | – | – | 8 | 5 | 4 | 10 | 15 |
| | Pembroke ... | 142 | 18·4 | +6 | W | 2 | e-bc | 60 | 60 | 8 | 8 | – | – | 5 | 5 | – | 25 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 17·6 | +2 | – | 0 | e-bc | 56 | 52 | 7 | 5 | 7 | – | 5 | 4 | 3 | 40 | – |
| | Holyhead, Valley | 32 | 17·9 | +12 | W'N | 2 | bc | 56 | 53 | 8 | 8 | 4 | – | 4 | 3 | 4 | – | – |
| | Hawarden | 15 | 16·9 | +8 | – | 0 | ⊘ | 57 | 56 | 6 | 5 | 7 | – | 7 | 2 | 7 | 20 | – |
| 8 | Manchester | 230 | 16·6 | +6 | – | 0 | ⊘ | 57 | 56 | 6 | 5 | – | – | 5 | 5 | – | 20 | – |
| | Squires Gate | 30 | 16·5 | +12 | WNW | 4 | b-bc | 61 | 57 | 7 | 5 | – | – | 3 | 3 | – | 18 | – |
| | Silloth ... | 25 | 15·0 | +6 | WSW | 3 | c | 61 | 52 | 8 | 5 | – | – | 7 | 7 | – | 60 | – |
| 9 | Ashbourne ... | 590 | 16·6 | +8 | NNW | 3 | c/d | 59 | 56 | 6 | 5 | – | – | 8 | 4 | 8 | 10 | 15 |
| | Snaith ... | 30 | 16·8 | +6 | W | 2 | c/r | 59 | 58 | 6 | 5 | – | – | 7 | 4 | 7 | 20 | 40 |
| 10 | Spurn Head | 29 | 15·5 | +8 | WNW | 3 | c | 64 | 61 | 7 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Catterick (Sq.) | 195 | 15·6 | +10 | SW'N | 3 | b | 54 | 53 | 8 | 5 | – | – | 2 | 2 | – | 25 | – |
| | Tynemouth | 108 | 15·2 | +4 | WSW | 2 | bc | 58 | 52 | 7 | 2 | – | – | 4 | 4 | 4 | 15 | – |
| | Acklington | 138 | 14·7 | +12 | W | 2 | b-bc | 50 | 48 | 8 | 5 | 3 | – | 3 | 3 | 2 | 30 | – |
| 11 | St. Abb's Head | 280 | 13·4 | +4 | SW | 3 | b-bc | 55 | 47 | 8 | 4 | – | – | 3 | 3 | – | 40 | – |
| | Leuchars ... | 31 | 12·5 | +6 | SW | 3 | b | 53 | 49 | 8 | – | 4 | – | 2 | 2 | – | – | – |
| | Montrose ... | 22 | 13·0 | +6 | WSW | 1 | b-bc | 50 | 47 | 9 | – | – | 2 | 3 | 3 | 3 | – | – |
| 12 | Abbotsinch | 19 | 13·6 | +10 | SW | 2 | bc | 56 | 51 | 8 | 8 | – | – | 4 | 4 | – | 20 | – |
| | Prestwick ... | 30 | 14·5 | +6 | WSW | 3 | b-bc | 58 | 50 | 7 | 5 | – | – | 3 | 3 | – | 20 | – |
| | West Freugh | 53 | 15·3 | +12 | WSW | 3 | c | 56 | 51 | 8 | 5 | – | – | 6 | 6 | – | 35 | – |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 16·0 | +10 | SW'N | 2 | c | 58 | 54 | 8 | 5 | 7 | – | 7 | 3 | 5 | 25 | 57 |
| 13A | Machrihanish | 35 | 14·7 | +10 | SW'N | 3 | b-bc | 56 | 51 | 8 | 8 | 7 | – | 4 | 3 | 4 | 30 | – |
| | Tiree ... | 44 | 12·7 | +6 | WSW | 4 | b-bc | 56 | 53 | 8 | 3 | – | – | 3 | 3 | – | 20 | – |
| | Oban ... | 74 | 13·7 | +10 | SW | 3 | e-bc | 56 | 54 | 9 | 5 | – | – | 5 | 3 | 5 | 20 | 40 |
| 13B | Stornoway ... | 12 | 07·5 | +6 | SW | 4 | e-bc | 56 | 50 | 8 | 3 | – | – | 5 | 4 | 4 | 10 | 25 |
| | Cape Wrath | 367 | 06·0 | +6 | SW | 5 | bc | 54 | 52 | 8 | 8 | 4 | – | 4 | 4 | – | 15 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 11·0 | +6 | SSW | 1 | b-bc | 49 | 45 | 8 | – | – | 6 | 3 | 3 | – | – | – |
| | Fraserburgh | 76 | 10·2 | +6 | WSW | 2 | b-bc | 50 | 47 | 9 | 5 | – | 1 | 3 | 2 | 3 | 30 | – |
| | Alness ... | 63 | 09·4 | +2 | WSW | 3 | e-bc | 57 | 48 | 8 | 5 | – | – | 5 | 5 | – | 33 | – |
| | Wick ... | 114 | 08·4 | +8 | SW | 4 | bc | 53 | 48 | 8 | 4 | – | – | 4 | 4 | – | 30 | – |
| 16 | Hatston ... | 45 | 06·9 | +6 | SW | 4 | bc/pr | 54 | 50 | 7 | 8 | – | – | 4 | 4 | – | 25 | – |
| | Sumburgh ... | 15 | 05·1 | +2 | SW | 6 | b | 54 | 50 | 8 | 2 | – | – | 1 | 1 | – | 20 | – |
| | Sullom Voe | 12 | 04·0 | 0 | SW | 4 | b-bc | 53 | 51 | 6 | 2 | – | – | 3 | 3 | – | 10 | – |
| 17 | Blacksod Point | 18 | 16·7 | +10 | W'S | 4 | e-bc/pr | 57 | 54 | 8 | 6 | – | – | 5 | 5 | – | 25 | – |
| 18 | Malin Head | 84 | 13·9 | +8 | W | 5 | bc | 57 | 52 | 8 | 8 | – | – | 4 | 4 | – | 25 | – |
| | Aldergrove | 294 | 15·9 | +8 | SW'N | 4 | e-bc | 58 | 52 | 8 | 5 | – | – | 5 | 5 | – | 20 | – |
| | Cas. Archdale | 240 | 16·8 | +10 | WSW | 4 | b-bc | 56 | 51 | 8 | 8 | – | – | 3 | 3 | – | 15 | 40 |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 17·6 | +12 | WSW | 3 | e-bc | 53 | 48 | 9 | 5 | 4 | 8 | 5 | 3 | – | 40 | – |
| 20 | Foynes ... | 3 | 18·6 | +10 | W | 2 | bc | 57 | 52 | 8 | 5 | – | – | 4 | 4 | – | 35 | – |
| | Valentia ... | 30 | 20·0 | +10 | W | 3 | bc | 60 | 51 | 8 | 5 | – | – | 4 | 4 | – | 40 | – |
| | Roches Point | 22 | 19·5 | +14 | NW'N | 3 | c | 58 | 53 | 8 | 5 | 7 | – | 6 | 4 | – | 15 | – |

Minimum Temperatures and Rainfall Read At 0700 G.M.T.

## OBSERVATIONS at 06hr. G.M.T. 12th August

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A. 0–9 (29) | Cloud Amount Low B. 0–9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 20·0 | +8 | SW | 2 | c | 63 | 59 | 7 | 5 | 7 | – | 7 | 2 | 7 | 31 | – | 0 | * |
| | Croydon ... | 20·2 | +10 | S | 3 | c | 61 | 59 | 7 | 5 | 7 | – | 6 | 1 | 6 | 5 | – | 0 | * |
| | Boscombe Down | 20·2 | +6 | SSW | 2 | c | 59 | 58 | 7 | 5 | – | – | 8 | 8 | – | 20 | – | 0 | * |
| | Thorney Island | 20·4 | +8 | – | 0 | ⊘ | 62 | 62 | 6 | 5 | 3 | – | 8 | 6 | 2 | 8 | – | 0 | * |
| | Friston ... | | | | | | | | | | | | | | | | | | * |
| | Lympne ... | 20·3 | +4 | – | 0 | f | 60 | 61 | 2 | 5 | – | – | 8 | 8 | – | 2 | – | 1 | §3 |
| | Manston ... | 19·8 | +4 | WSW | 2 | m | 59 | 59 | 4 | 5 | – | – | 7 | 5 | 7 | 2 | 4 | 0 | * |
| 2 | North Weald | 20·1 | +8 | SW | 3 | m | 60 | 60 | 4 | – | 7 | – | 6 | 6 | – | 80 | – | 0 | * |
| | Felixstowe ... | 18·5 | +6 | SW'N | 2 | ⊘ | 64 | 61 | 6 | 5 | 7 | 9 | 5 | 4 | 4 | 60 | – | 0 | 3 |
| | Gorleston ... | 17·1 | +4 | SW'S | 1 | e-bc | 65 | 62 | 7 | 7 | – | – | 5 | 5 | 5 | 90 | – | 0 | 2 |
| | Mildenhall | 18·4 | +12 | WSW | 2 | c | 64 | 60 | 8 | 5 | – | – | 8 | 3 | 5 | 20 | – | 0 | * |
| | Bircham Newton | 18·2 | +16 | NW | 2 | ⊘ | 60 | 60 | 6 | 5 | 7 | – | 7 | 5 | 7 | 6 | – | 0 | * |
| | Cranwell ... | 18·4 | +12 | WSW | 2 | ⊘ | 58 | 58 | 6 | 5 | 7 | – | 6 | 3 | 5 | 15 | 25 | 1 | * |
| 3 | Cranfield ... | 18·5 | +6 | W | 2 | c/r | 63 | 60 | 7 | 5 | – | – | 6 | 4 | 5 | 6 | 40 | 0 | * |
| | Honiley ... | 19·2 | +2 | – | 0 | ⊘ | 59 | 58 | 6 | 5 | – | 9 | 4 | 4 | 4 | 30 | – | 1 | * |
| 4 | Little Rissington | 19·4 | +16 | NW | 1 | id. | 60 | 58 | 8 | 5 | 7 | – | 6 | 5 | 6 | 12 | – | 1 | * |
| | Shobden ... | 20·3 | +18 | W | 2 | bc | 57 | 53 | 8 | 5 | 7 | 2 | 4 | 3 | 2 | 25 | – | 0 | * |
| 5 | Bristol ... | 20·2 | +12 | W | 1 | c | 62 | 61 | 7 | 5 | 7 | – | 8 | 3 | 4 | 16 | 40 | 1 | * |
| | Chivenor ... | 20·2 | +10 | SW | 3 | c | 62 | 60 | 8 | 5 | – | – | 8 | 5 | 6 | 14 | 25 | 1 | * |
| | Yeovilton | 20·1 | +8 | – | 0 | c | 63 | 60 | 7 | 5 | – | – | 8 | 3 | 8 | 6 | 8 | 0 | * |
| | Portland Bill | 20·2 | +2 | WSW | 4 | e-bc | 62 | 60 | 8 | 5 | – | – | 5 | 5 | – | 45 | – | 1 | 3 |
| | Exeter ... | 20·2 | +8 | NNW | 3 | c | 63 | 61 | 7 | 5 | – | – | 7 | 4 | 7 | 10 | 15 | 0 | * |
| | Plymouth ... | 20·8 | +8 | WN | 1 | ⊘ | 63 | 62 | 6 | 5 | – | – | 8 | 4 | 8 | 8 | 15 | 0 | 1 |
| | St. Eval ... | 21·1 | +10 | WSW | 1 | fg | 59 | 57 | 8 | 5 | – | – | 7 | 3 | 7 | 20 | 25 | 1 | * |
| | The Lizard | 20·6 | +12 | NW | 3 | pr | 61 | 59 | 7 | 5 | – | – | 6 | 6 | – | 10 | – | 0 | 3 |
| | Scilly, St. Marys | 21·2 | +10 | NW | 1 | c/r | 59 | 57 | 8 | 8 | 7 | – | 8 | 4 | 4 | 12 | 40 | 1 | 3 |
| 6 | Fairwood ... | 20·5 | +16 | N | 2 | b | 57 | 57 | 8 | 5 | – | – | 4 | 4 | – | 30 | – | 1 | * |
| | Pembroke ... | 21·1 | +16 | NNW | 1 | bc | 57 | 52 | 8 | 7 | 4 | – | 4 | 4 | 3 | 25 | – | 0 | 3 |
| | Aberporth ... | 20·5 | +18 | NW | 1 | e-bc | 57 | 53 | 9 | 5 | – | – | 5 | 5 | – | 25 | – | 1 | 1 |
| 7 | Penrhos ... | 19·5 | +12 | NNW | 1 | b | 55 | 51 | 8 | 5 | 4 | – | 1 | 1 | – | 30 | – | 0 | * |
| | Holyhead, Valley | 19·7 | +10 | W | 2 | b | 55 | 52 | 8 | 8 | 4 | – | 1 | 1 | 1 | 30 | – | 1 | 2 |
| | Hawarden | 19·6 | +18 | WSW | 2 | b | 55 | 51 | 8 | 5 | – | – | 1 | 1 | – | 40 | – | 1 | * |
| 8 | Manchester | 18·9 | +18 | SW | 2 | ⊘ | 53 | 52 | 6 | 5 | 3 | 1 | 4 | 3 | 3 | 25 | – | 1 | * |
| | Squires Gate | 18·2 | +14 | NNW | 4 | bc | 60 | 53 | 8 | 5 | 7 | – | 4 | 4 | 1 | 25 | – | 0 | * |
| | Silloth ... | 16·8 | +12 | WSW | 3 | bc | 57 | 51 | 8 | 8 | 3 | – | 4 | 3 | 4 | 20 | 40 | 0 | * |
| 9 | Ashbourne ... | 19·4 | +18 | WNW | 2 | b-bc | 54 | 54 | 7 | 5 | 3 | – | 3 | 2 | 2 | 30 | – | 0 | * |
| | Snaith ... | 18·4 | +10 | WSW | 2 | ⊘ | 56 | 54 | 5 | 5 | 3 | 4 | 3 | 1 | 2 | 30 | – | 1 | * |
| 10 | Spurn Head | 16·2 | +12 | W | 3 | ⊘ | 60 | 56 | 6 | 5 | 7 | – | 6 | 5 | 2 | 25 | 57 | 0 | 1 |
| | Catterick (Sq.) | 17·0 | +10 | SW'N | 3 | b | 54 | 53 | 8 | 5 | 3 | – | 2 | 2 | 2 | 20 | – | 0 | * |
| | Tynemouth | 17·9 | +16 | WSW | 2 | ⊘ | 55 | 48 | 5 | – | 4 | – | 3 | 3 | – | – | – | 1 | 2 |
| | Acklington | 15·6 | +14 | W | 3 | b-bc | 52 | 51 | 9 | 1 | 4 | – | 3 | 1 | 3 | 15 | – | 1 | * |
| 11 | St. Abb's Head | 14·5 | +6 | SW | 4 | bc | 54 | 48 | 9 | 4 | 4 | – | 4 | 4 | 2 | 30 | – | 0 | 3 |
| | Leuchars ... | 13·3 | +4 | SW | 3 | bc | 53 | 51 | 8 | 5 | – | – | 4 | 1 | 4 | 15 | 40 | 1 | * |
| | Montrose ... | 13·9 | +6 | WNW | 1 | b-bc | 51 | 49 | 9 | 5 | – | – | 3 | 3 | – | 20 | – | 0 | * |
| 12 | Abbotsinch | 14·8 | +10 | SW | 1 | b/pr | 55 | 52 | 7 | 8 | – | – | 4 | 3 | 4 | 8 | 15 | 1 | * |
| | Prestwick ... | 15·8 | +10 | W | 4 | bc | 57 | 52 | 8 | 2 | 6 | – | 4 | 3 | 4 | 8 | 15 | 0 | * |
| | West Freugh | 16·9 | +10 | WSW | 3 | bc | 54 | 52 | 8 | 8 | – | – | 4 | 1 | 4 | 25 | 40 | 0 | * |
| | Eskdalemuir | 16·5 | +12 | – | 0 | e-bc | 47 | 45 | 8 | 8 | 3 | – | 5 | 4 | 3 | 25 | – | 1 | * |
| | Jurby, I. of Man | 18·0 | +14 | WSW | 4 | e-bc | 57 | 52 | 9 | 5 | 3 | – | 5 | 1 | 3 | 18 | 72 | 0 | * |
| 13A | Machrihanish | 15·9 | +10 | SW'N | 3 | bc | 55 | 51 | 8 | 8 | 7 | – | 4 | 3 | 4 | 15 | 40 | 0 | 2 |
| | Tiree ... | 14·0 | +10 | W'S | 5 | bc | 56 | 54 | 8 | 8 | – | 3 | 4 | 4 | 2 | 12 | 40 | 1 | 4 |
| | Oban ... | 14·1 | +8 | SSW | 4 | bc | 55 | 52 | 9 | 2 | – | – | 4 | 1 | 4 | 15 | 25 | 1 | 2 |
| 13B | Stornoway ... | 09·2 | +12 | SW | 3 | bc | 54 | 51 | 8 | 2 | 3 | – | 4 | 2 | 4 | 8 | 15 | 1 | 2 |
| | Cape Wrath | 08·2 | +18 | W | 5 | bc | 54 | 52 | 8 | 8 | 4 | – | 4 | 4 | – | 15 | – | 1 | 4 |
| 15 | Dalwhinnie | 13·0 | +6 | WSW | 3 | c | 51 | 46 | 7 | 8 | – | – | 6 | 6 | – | 22 | – | 1 | * |
| | Aberdeen† ... | 11·7 | +6 | SW | 3 | b | 53 | 46 | 9 | 8 | 4 | – | 1 | 1 | – | 40 | – | 0 | 2 |
| | Fraserburgh | 10·9 | +4 | SW'S | 2 | b-bc | 55 | 47 | 9 | 5 | – | – | 3 | 3 | – | 40 | – | 0 | * |
| | Alness ... | 10·3 | +10 | W | 4 | pr | 55 | 49 | 9 | 2 | 6 | – | 6 | 5 | 3 | 25 | – | 1 | * |
| | Wick ... | 08·8 | +6 | WSW | 4 | pr | 53 | 49 | 9 | 8 | 6 | – | 6 | 5 | 5 | 20 | 40 | 1 | * |
| 16 | Hatston ... | 07·4 | +10 | SW'N | 5 | bc/pr | 54 | 48 | 7 | 3 | 9 | – | 4 | 3 | 4 | 8 | 15 | * | * |
| | Sumburgh ... | 04·9 | +2 | SW | 6 | c/pr | 53 | 51 | 8 | 8 | – | – | 6 | 3 | 4 | 12 | 25 | 0 | 3 |
| | Sullom Voe | 03·2 | –4 | SW | 4 | e-bc/pr | 53 | 49 | 7 | 3 | 6 | 3 | 5 | 5 | 3 | 10 | – | 1 | * |
| 17 | Blacksod Point | 18·1 | +8 | W'S | 4 | c | 58 | 53 | 8 | 5 | – | – | 7 | 7 | – | 15 | – | 1 | 3 |
| 18 | Malin Head | 15·2 | +10 | W'N | 5 | pr | 58 | 53 | 8 | 8 | – | – | 4 | 4 | – | 25 | – | 1 | 4 |
| | Aldergrove | 17·7 | +14 | SW'N | 2 | bc | 54 | 51 | 8 | 5 | 4 | – | 4 | 3 | 2 | 12 | 25 | 1 | * |
| | Cas. Archdale | 18·3 | +10 | WSW | 3 | c/pr | 55 | 52 | 8 | 8 | 6 | – | 8 | 5 | 4 | 15 | 40 | 1 | * |
| 19 | Birr Castle ... | 21·7 | +30 | W | 1 | bc | 55 | 53 | 8 | 5 | – | – | 4 | 4 | – | 25 | – | 1 | * |
| | Collinstown | 18·6 | +14 | WSW | 3 | b | 51 | 49 | 9 | 8 | 4 | – | 2 | 2 | – | 40 | – | 0 | * |
| 20 | Foynes ... | 20·3 | +10 | WSW | 2 | c | 57 | 52 | 9 | 5 | – | – | 7 | 7 | – | 35 | – | 0 | * |
| | Valentia ... | 21·3 | +10 | W | 1 | bc | 57 | 52 | 8 | 7 | – | 3 | 4 | 4 | – | 45 | – | 1 | 2 |
| | Roches Point | 21·7 | +14 | NNW | 3 | b-bc | 57 | 55 | 8 | 5 | – | – | 3 | 3 | – | 25 | – | 1 | 4 |

Station 103 Read AT 0700 G.M.T.

## PAST 24 HOURS.

| District | Stations | Temperature Max. Day 6h–18h °F. (35) | Temperature Min. Night 18h–6h °F. (36) | Temperature Min. on Grass °F. (37) | Rainfall Day 6h–18h mm. (38) | Rainfall Night 18h–6h mm. (39) | Sunshine 11th Hrs. (40) |
|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 76 | 62 | 56 | – | Tr | 7·9 |
| | Croydon ... | 79 | 55 | 56 | – | – | 12·4 |
| | Boscombe Down | 72 | 57 | 55 | – | – | 3·7 |
| | Thorney Island | 71 | 61 | 55 | Tr | – | * |
| | Friston ... | | | | | | |
| | Lympne ... | 72 | 56 | 48 | – | – | 7·1 |
| | Manston ... | 79 | 58 | 56 | – | – | 13·0 |
| 2 | North Weald | 80 | 58 | * | * | * | * |
| | Felixstowe ... | 78 | 63 | 58 | – | – | 12·4 |
| | Gorleston ... | 80 | 64 | 58 | – | – | 11·5 |
| | Mildenhall | 83 | 63 | 63 | – | – | 10·9 |
| | Bircham Newton | 81 | 60 | 56 | – | – | * |
| | Cranwell ... | 81 | 58 | 56 | – | 0·2 | 3·7 |
| 3 | Cranfield ... | 76 | 62 | 58 | – | Tr | * |
| | Honiley ... | 76 | 58 | 57 | – | Tr | * |
| 4 | Little Rissington | – | 60 | 58 | – | 0·2 | * |
| | Shobden ... | 73 | 55 | 50 | 0·1 | 1 | * |
| 5 | Bristol ... | 74 | 61 | 55 | – | 0·1 | 5·9 |
| | Chivenor ... | 75 | 61 | 60 | – | 2 | * |
| | Yeovilton | 73 | 56 | 51 | – | – | * |
| | Portland Bill | 63 | 59 | * | – | – | * |
| | Exeter ... | 75 | 59 | | – | – | * |
| | Plymouth ... | 67 | 63 | 53 | 1 | Tr | 4·8 |
| | St. Eval ... | 70 | 59 | 58 | Tr | Tr | * |
| | The Lizard | 70 | 60 | * | 2 | Tr | 5·5 |
| | Scilly, St. Marys | 72 | 58 | * | – | 1 | 4·9 |
| 6 | Fairwood ... | – | 57 | 54 | 0·1 | 0·2 | * |
| | Pembroke ... | 65 | 55 | * | – | – | * |
| | Aberporth ... | 69 | 55 | 50 | Tr | 3 | 0·7 |
| 7 | Penrhos ... | 69 | 52 | 46 | 1 | 4 | * |
| | Holyhead, Valley | 64 | 53 | 50 | 3 | Tr | * |
| | Hawarden | 75 | 52 | 45 | Tr | 3 | 0·0 |
| 8 | Manchester | 72 | 52 | 46 | 0·3 | 3 | * |
| | Squires Gate | 70 | 60 | 55 | 5 | – | * |
| | Silloth ... | 66 | 55 | 50 | 7 | – | * |
| 9 | Ashbourne ... | 72 | 54 | 48 | 0·5 | 0·4 | * |
| | Snaith ... | 76 | 55 | 52 | Tr | 1 | * |
| 10 | Spurn Head | 76 | 59 | * | – | Tr | 1·9 |
| | Catterick (Sq.) | 76 | 50 | 43 | – | Tr | 5·0 |
| | Tynemouth | 72 | 54 | 52 | Tr | – | |
| | Acklington | 70 | 48 | 45 | 4 | – | * |
| 11 | St. Abb's Head | 64 | 51 | * | 3 | – | 6·2 |
| | Leuchars ... | 69 | 50 | 44 | 3 | – | * |
| | Montrose ... | 71 | 43 | 34 | 3 | – | * |
| 12 | Abbotsinch | 66 | 54 | 50 | 4 | 0·1 | 6·7 |
| | Prestwick ... | 67 | 56 | 55 | 10 | – | * |
| | West Freugh | 66 | 52 | 50 | 8 | – | * |
| | Eskdalemuir | 66 | 43 | 35 | 9 | – | 4·8 |
| | Jurby, I. of Man | 70 | 55 | 51 | 4 | – | * |
| 13A | Machrihanish | 68 | 55 | 53 | 11 | – | * |
| | Tiree ... | 64 | 54 | 50 | 0·1 | 0·1 | 9·7 |
| | Oban ... | 66 | 53 | * | – | * | * |
| 13B | Stornoway ... | 64 | 54 | 47 | 1 | 4 | 5·3 |
| | Cape Wrath | 58 | 53 | * | 2 | 3 | * |
| 15 | Dalwhinnie | 63 | 50 | * | 2 | 0·1 | * |
| | Aberdeen† ... | 65 | 50 | 43 | 0·6 | – | 0·4 |
| | Fraserburgh | 64 | 44 | 40 | 5 | – | * |
| | Alness ... | 68 | 54 | 51 | – | Tr | * |
| | Wick ... | 68 | 52 | 46 | Tr | 1 | * |
| 16 | Hatston ... | * | * | * | * | * | * |
| | Sumburgh ... | 59 | 52 | 50 | Tr | 2 | 9·0 |
| | Sullom Voe | 61 | 50 | 49 | – | 7 | * |
| 17 | Blacksod Point | 64 | 55 | * | – | Tr | * |
| 18 | Malin Head | 66 | 55 | * | 0·1 | 1 | 7·8 |
| | Aldergrove | 67 | 54 | 50 | 5 | – | 6·6 |
| | Cas. Archdale | 64 | 53 | 47 | 4 | 1 | * |
| 19 | Birr Castle ... | 67 | 50 | 45 | 8 | – | 7·5 |
| | Collinstown | 70 | 51 | 48 | 2 | Tr | 5·7 |
| 20 | Foynes ... | 68 | 54 | 46 | – | – | 6·6 |
| | Valentia ... | 65 | 56 | 50 | 2 | – | 7·2 |
| | Roches Point | 65 | 55 | * | 3 | – | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30):
0 = Nil, 1 = 1/10, 2 = 2/10, 3 = 3/10, 4 = 4/10, 5 = 5/10, 6 = 6/10, 7 = More than 9 but with openings, 8 = Completely covered, 9 = Sky obscured by fog, etc., t = Trace

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Sunday 13th August 1944

No. 30215

## OBSERVATIONS at 12h. G.M.T. 12th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 21·6 | +4 | W'S | 2 | c | 71 | 59 | 8 | 8 | 3 | 1 | 6 | 2 | 5 | 28 | 40 |
| | Croydon | 21·7 | +4 | W | 2 | c | 70 | 60 | 8 | 5 | 7 | – | 8 | 6 | 8 | 20 | – |
| | Boscombe Down | 21·0 | 0 | WNW | 3 | c | 72 | 58 | 8 | 5 | 1 | 6 | 5 | 4 | 4 | 25 | – |
| | Thorney Island | 21·4 | 0 | W'S | 2 | 20 | 75 | 64 | 6 | 8 | 3 | – | 8 | 2 | 6 | 18 | 40 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 21·1 | +4 | W | 1 | c | 74 | 61 | 8 | 1 | 3 | – | 7 | 5 | 7 | 22 | – |
| | Manston | 21·0 | +6 | NW | 3 | 20 | 70 | 61 | 6 | 7 | 7 | 9 | 6 | 3 | 4 | 10 | 25 |
| 2 | North Weald | 21·3 | +6 | WNW | 3 | c | 70 | 58 | 7 | 8 | – | 2 | 5 | 4 | 3 | 25 | – |
| | Felixstowe | 20·7 | +10 | W | 2 | c | 73 | 57 | 7 | 5 | – | – | 5 | 5 | – | 35 | – |
| | Gorleston | 20·1 | +14 | NE | 2 | bc | 66 | 59 | 7 | 2 | – | – | 4 | 4 | – | 20 | |
| | Mildenhall | 20·6 | +6 | WNW | 3 | bc | 75 | 49 | 8 | 1 | – | 1 | 4 | 4 | 2 | 40 | – |
| | Bircham Newton | 20·4 | +6 | W | 5 | bc | 71 | 51 | 8 | 1 | – | 4 | 3 | 3 | 2 | 25 | – |
| | Cranwell | 20·1 | +4 | W'S | 3 | bc | 71 | 50 | 7 | 1 | – | – | 4 | 4 | – | 20 | – |
| 3 | Cranfield | 20·3 | 0 | WSW | 3 | bc | 72 | 50 | 8 | 2 | – | 2 | 4 | 4 | 2 | 30 | – |
| | Honiley | 21·3 | +6 | W'N | 4 | bc | 68 | 45 | 9 | 1 | – | 1 | 4 | 4 | 2 | 30 | – |
| 4 | Little Rissington | 20·6 | +16 | W | 3 | bc | 70 | 54 | 9 | 5 | – | 4 | 4 | 4 | 3 | 25 | – |
| | Shobden | 22·1 | +6 | W | 2 | c | 67 | 46 | 8 | 1 | – | 2 | 5 | 5 | 3 | 40 | – |
| 5 | Bristol | 21·5 | +6 | SW | 1 | bc | 73 | 56 | 7 | 5 | – | 5 | 4 | 3 | 3 | 30 | – |
| | Chivenor | 22·6 | +6 | NNW | 3 | bc | 67 | 54 | 9 | 1 | – | 2 | 4 | 2 | 3 | 25 | – |
| | Yeovilton | 21·6 | +4 | NW | 2 | bc | 71 | 55 | 8 | 1 | 6 | 6 | 4 | 4 | – | 20 | – |
| | Portland Bill | 21·5 | +6 | W | 3 | c | 64 | 62 | 8 | 5 | – | – | 8 | 8 | – | 50 | – |
| | Exeter | 22·0 | 0 | NW | 2 | c | 71 | 59 | 8 | 5 | – | 1 | 5 | 4 | 5 | 15 | – |
| | Plymouth | 22·5 | +8 | WSW | 2 | bc | 68 | 61 | 8 | 1 | – | 9 | 4 | 4 | 3 | 25 | – |
| | St. Eval | 23·6 | +10 | N'W | 3 | bc | 65 | 51 | 9 | 1 | 3 | 2 | 4 | 1 | 2 | 15 | – |
| | The Lizard | 22·1 | +6 | ESE | 2 | bc | 71 | 61 | 8 | 1 | 4 | – | 4 | 3 | 3 | 30 | 57 |
| | Scilly, St. Marys | 23·4 | +10 | N'E | 3 | c | 66 | 55 | 8 | 1 | 4 | 5 | 5 | 3 | 4 | 26 | 57 |
| 6 | Fairwood | 22·3 | +6 | WNW | 3 | bc | 69 | 51 | 9 | 1 | – | 2 | 4 | 3 | 4 | 30 | – |
| | Pembroke | 23·1 | +6 | W'S | 2 | c | 63 | 55 | 8 | 1 | 6 | 1 | 5 | 3 | 5 | 25 | – |
| | Aberporth | 22·6 | +6 | NW'W | 2 | c | 61 | 54 | 9 | 1 | – | 4 | 5 | 2 | 5 | 35 | – |
| 7 | Penrhos | 22·4 | +12 | WNW | 3 | bc | 65 | 50 | 8 | 2 | – | 6 | 4 | 3 | 3 | 35 | – |
| | Holyhead, Valley | 22·7 | +12 | W'S | 3 | bc | 65 | 51 | 8 | 2 | – | 5 | 3 | 2 | 3 | 35 | – |
| | Hawarden | 21·7 | +10 | NW | 3 | c | 65 | 47 | 9 | 2 | – | – | 5 | 3 | 5 | 25 | – |
| 8 | Manchester | 20·9 | +6 | NW'W | 4 | c | 65 | 50 | 8 | 2 | 6 | – | 6 | 5 | 2 | 25 | – |
| | Squires Gate | 21·5 | +14 | WNW | 4 | bc | 66 | 56 | 8 | 2 | – | – | 3 | 3 | – | 25 | – |
| | Silloth | 19·8 | +14 | NNW | 4 | c | 62 | 55 | 9 | 8 | 6 | – | 5 | 4 | 2 | 20 | – |
| 9 | Ashbourne | 21·4 | +8 | WNW | 2 | c | 67 | 50 | 8 | 2 | – | 5 | 5 | 2 | 5 | 18 | 25 |
| | Snaith | 20·9 | +10 | WNW | 5 | bc | 68 | 50 | 8 | 1 | – | – | 4 | 4 | – | 25 | – |
| 10 | Spurn Head | 20·1 | +12 | NW'W | 3 | bc | 68 | 53 | 7 | 1 | – | – | 4 | 4 | – | – | – |
| | Catterick (Sc.) | 19·3 | +14 | W'S | 4 | bc | 69 | 53 | 8 | 7 | – | – | 4 | 4 | 3 | 25 | 57 |
| | Tynemouth | 18·8 | +16 | WSW | 4 | bc | 68 | 66 | 7 | 2 | – | – | 3 | 3 | – | 25 | – |
| | Acklington | 17·4 | +6 | W | 5 | bc | 65 | 50 | 9 | 1 | – | – | 4 | 4 | – | 30 | – |
| 11 | St. Abb's Head | 16·8 | +16 | W | 3 | c | 62 | 46 | 9 | 2 | – | – | 5 | 5 | – | 20 | – |
| | Leuchars | 15·0 | +12 | W | 4 | c | 64 | 49 | 8 | 8 | – | – | 5 | 5 | – | 20 | – |
| | Montrose | 16·0 | +14 | WSW | 5 | bc | 65 | 46 | 9 | 2 | 6 | – | 5 | 4 | 2 | 25 | – |
| 12 | Abbotsinch | 17·4 | +14 | WNW | 4 | bc/pr | 62 | 51 | 8 | 8 | – | – | 4 | 4 | – | 20 | – |
| | Prestwick | 18·7 | +14 | W'S | 5 | bc | 64 | 54 | 8 | 8 | 6 | – | 4 | 4 | 4 | 18 | 40 |
| | West Freugh | 19·7 | +14 | WSW | 4 | bc | 65 | 52 | 9 | 2 | 8 | – | 4 | 4 | 2 | 25 | – |
| | Eskdalemuir | 18·1 | +10 | WSW | 4 | propr | 59 | 51 | 8 | 8 | – | – | 6 | 6 | – | 22 | – |
| | Jurby, I. of Man | 20·9 | +14 | SW | 4 | bc | 63 | 54 | 9 | 2 | 4 | – | 3 | 3 | 3 | 25 | – |
| 13A | Machrihanish | 19·6 | +18 | W'S | 4 | bc | 63 | 56 | 8 | 2 | 4 | – | 3 | 2 | 3 | 25 | – |
| | Tiree | 17·9 | +20 | WSW | 4 | bc/pr | 62 | 57 | 8 | 8 | – | – | 4 | 3 | 1 | 20 | 57 |
| | Oban | 17·5 | +14 | SW | 4 | cbc/pr | 67 | 58 | 9 | 3 | 6 | – | 5 | 5 | 1 | 30 | – |
| 13B | Stornoway | 13·2 | +18 | WSW | 5 | propr | 63 | 50 | 8 | 2 | 6 | – | 5 | 3 | 4 | 16 | 15 |
| | Cape Wrath | 11·5 | +14 | W | 6 | bc | 56 | 51 | 9 | 2 | 4 | – | 4 | – | 0 | – | – |
| 15 | Dalwhinnie | | +18 | WSW | 4 | propr | 55 | 48 | 8 | 8 | – | – | 4 | 4 | – | 25 | – |
| | Aberdeen | 14·0 | +16 | NW'W | 3 | bcjp | 67 | 47 | 9 | 3 | – | – | 4 | 4 | – | – | – |
| | Fraserburgh | 13·6 | +20 | WNW | 5 | bcjp | 63 | 55 | 9 | 3 | – | – | 3 | 3 | – | 20 | – |
| | Alness | 13·4 | +18 | WSW | 4 | propr | 61 | 45 | 9 | 2 | – | – | 4 | 4 | – | 25 | – |
| | Wick | 11·9 | +14 | W | 5 | c | 62 | 47 | 9 | 2 | 6 | – | 5 | 1 | 8 | 18 | 25 |
| 16 | Hatston | 11·0 | +2 | W | 6 | c | 59 | 50 | 8 | 2 | 6 | – | 5 | 4 | 4 | 15 | 40 |
| | Sumburgh | 09·1 | +20 | W'S | 5 | bc/pr | 56 | 51 | 8 | 3 | 6 | 3 | 3 | 3 | 1 | 12 | – |
| | Sullom Voe | 06·7 | +20 | W | 5 | bc/pr | 56 | 52 | 8 | 2 | 3 | – | 6 | 5 | 3 | 16 | – |
| 17 | Blacksod Point | 21·9 | +16 | W'S | 4 | c | 62 | 54 | 8 | 5 | – | – | 7 | 7 | – | 25 | – |
| 18 | Malin Head | 19·0 | +16 | W | 5 | bc | 62 | 54 | 8 | 8 | – | – | 4 | 4 | – | 25 | – |
| | Aldergrove | 20·5 | +12 | WSW | 3 | bc/pr | 61 | 53 | 8 | 7 | – | – | 6 | 6 | – | 35 | – |
| | Cas. Archdale | 21·4 | +14 | W | 3 | c | 61 | 52 | 9 | 8 | 6 | – | 7 | 3 | 5 | 20 | 40 |
| 19 | Birr Castle | 22·1 | +6 | WSW | 2 | c | 67 | 62 | 8 | 8 | – | – | 5 | 8 | – | 15 | – |
| | Collinstown | 21·5 | +10 | W | 4 | c | 66 | 44 | 9 | 8 | – | 1 | 5 | 5 | – | 40 | – |
| 20 | Foynes | 22·8 | +10 | W | 4 | c | 65 | 49 | 9 | 8 | – | 6 | 7 | 9 | 4 | 32 | 15 |
| | Valentia | 23·7 | +10 | W | 3 | c | 63 | 51 | 9 | 3 | 3 | 5 | 7 | 4 | – | 40 | – |
| | Roches Point | 23·5 | +6 | SSW | 1 | c | 63 | 58 | 8 | 8 | – | 5 | 6 | 4 | – | 15 | – |

## OBSERVATIONS at 18h. G.M.T. 12th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Low A 0-9 (29) | Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 20·5 | +4 | N | 2 | c | 76 | 53 | 8 | 1 | 3 | 8 | 6 | 3 | 5 | 38 | – | 0 | * |
| Croydon | 21·0 | -2 | SW | 3 | c | 76 | 55 | 9 | 4 | 3 | 9 | 6 | 3 | 5 | 50 | – | 0 | * |
| Boscombe Down | 21·0 | +4 | WNW | 3 | c | 72 | 50 | 8 | 1 | 5 | 6 | 7 | 1 | 5 | 25 | – | 0 | * |
| Thorney Island | 21·0 | -4 | SSW | 3 | c | 72 | 64 | 7 | 5 | 3 | 9 | 7 | 2 | 2 | 25 | – | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 21·6 | +2 | SE | 2 | 20 | 62 | 62 | 6 | 2 | 6 | – | 7 | 3 | 7 | 25 | – | 0 | § |
| Manston | 20·9 | -2 | S'E | 2 | c | 69 | 63 | 7 | 1 | 7 | 6 | 7 | 2 | 4 | 25 | – | 0 | * |
| North Weald | 21·1 | -2 | W'N | 2 | c | 74 | 53 | 8 | 2 | – | 9 | 7 | 1 | 6 | 40 | – | 0 | * |
| Felixstowe | 20·6 | +2 | ENE | 4 | c | 67 | 62 | 7 | 5 | – | 2 | 6 | 4 | 6 | 30 | – | 0 | |
| Gorleston | 21·4 | +10 | ESE | 2 | bc | 65 | 61 | 7 | 1 | 7 | – | 5 | 4 | 3 | 25 | – | 0 | 2 |
| Mildenhall | 20·9 | +6 | N'W | 2 | c | 72 | 45 | 8 | 4 | 3 | 2 | 6 | 2 | 4 | 50 | – | 0 | * |
| Bircham Newton | 21·1 | +2 | NW | 2 | bc | 69 | 52 | 8 | – | 8 | 9 | 4 | 3 | 4 | – | – | 0 | * |
| Cranwell | 21·4 | +2 | WNW | 3 | c | 69 | 49 | 8 | 4 | 3 | 2 | 5 | 1 | 4 | 35 | – | 0 | * |
| Cranfield | 21·9 | +10 | W'N | 2 | bc | 70 | 47 | 8 | – | 3 | 6 | 6 | 5 | 5 | 26 | – | 0 | * |
| Honiley | 21·2 | 0 | WNW | 2 | c | 72 | 44 | 9 | 4 | 7 | 9 | 5 | 2 | 5 | 30 | – | 0 | * |
| Little Rissington | 20·5 | +2 | NW | 2 | c | 71 | 46 | 9 | 1 | 3 | 9 | 5 | 1 | 4 | 25 | – | 0 | * |
| Shobden | 22·4 | +6 | WNW | 3 | bc | 67 | 44 | 9 | – | 3 | 1 | 3 | 3 | 1 | – | – | 0 | * |
| Bristol | 22·0 | +4 | W'S | 3 | c | 69 | 55 | 8 | 5 | 3 | – | 5 | 5 | 3 | 65 | – | 0 | * |
| Chivenor | 23·0 | 0 | NW | 4 | bc | 65 | 50 | 9 | 1 | 3 | – | 4 | 1 | 4 | 20 | – | 0 | * |
| Yeovilton | 22·1 | +4 | NW | 3 | c | 68 | 52 | 8 | 1 | 3 | – | 6 | 2 | 6 | 20 | – | 0 | * |
| Portland Bill | 22·4 | 0 | SW | 4 | c | 63 | 61 | 8 | 5 | – | – | 8 | 8 | – | 50 | – | 1 | 3 |
| Exeter | 22·3 | +4 | W | 4 | c | 69 | 52 | 8 | 5 | 5 | 9 | 6 | 2 | 5 | 20 | 72 | 0 | * |
| Plymouth | 22·8 | +6 | N'W | 3 | c | 66 | 51 | 8 | 5 | 3 | – | 7 | 2 | 7 | 25 | – | 0 | 1 |
| St. Eval | 23·5 | -2 | N'W | 3 | c | 65 | 50 | 9 | 1 | 7 | – | 6 | 1 | 4 | 30 | 57 | 0 | 0 |
| The Lizard | 22·8 | 0 | N'W | 3 | bc | 66 | 51 | 7 | 7 | – | – | 5 | 5 | – | 30 | – | 0 | 2 |
| Scilly, St. Marys | 24·0 | 0 | N | 2 | c | 66 | 55 | 8 | 1 | 3 | 2 | 5 | 1 | 4 | 28 | – | 0 | 2 |
| Fairwood | 22·7 | +4 | NW | 2 | bc | 66 | 49 | 8 | – | – | 9 | 3 | 3 | – | – | – | 0 | * |
| Pembroke | 23·1 | +4 | W | 2 | bc | 63 | 63 | 8 | 2 | – | – | 4 | 4 | – | 25 | – | 0 | 2 |
| Aberporth | 23·4 | +4 | WNW | 3 | bc | 62 | 50 | 9 | – | 7 | – | 3 | 3 | – | 88 | – | 0 | 2 |
| Penrhos | 23·1 | +6 | SW'S | 3 | bc | 63 | 52 | 9 | 1 | 3 | 2 | 3 | 2 | 2 | 40 | – | 0 | 2 |
| Holyhead, Valley | 23·3 | +2 | SW | 3 | bc | 62 | 56 | 9 | 1 | 3 | 1 | 4 | 1 | 4 | 30 | – | 0 | 2 |
| Hawarden | 22·3 | 0 | NW | 4 | bc | 65 | 51 | 8 | 4 | 3 | 9 | 3 | 3 | 1 | 35 | – | 0 | * |
| Manchester | 21·9 | +4 | NW'W | 3 | bc | 65 | 47 | 9 | 1 | – | 2 | 3 | 2 | 4 | 30 | – | 0 | * |
| Squires Gate | 22·6 | +6 | WNW | 3 | bc | 64 | 55 | 8 | 1 | 3 | 9 | 5 | 1 | – | 24 | – | 0 | * |
| Silloth | 21·3 | +10 | SW | 4 | c | 63 | 54 | 9 | 8 | 6 | – | 5 | 5 | 3 | 30 | – | 0 | * |
| Ashbourne | 22·3 | +2 | WNW | 3 | bc | 63 | 49 | 9 | 1 | 7 | 2 | 5 | 3 | 4 | 20 | – | 0 | 0 |
| Snaith | 21·8 | +4 | WNW | 4 | c | 66 | 48 | 9 | 1 | – | 8 | 5 | 2 | 5 | 25 | – | 0 | * |
| Spurn Head | 21·2 | +8 | WNW | 4 | c | 66 | 53 | 7 | 1 | 3 | 4 | 6 | 3 | 4 | – | 72 | 0 | * |
| Catterick (Sc.) | 20·9 | +10 | W'S | 4 | bc | 66 | 53 | 8 | 1 | – | 5 | 4 | 3 | 4 | 24 | – | 1 | 0 |
| Tynemouth | 20·1 | +8 | W | 4 | bc | 67 | 53 | 8 | 2 | – | – | 4 | 3 | – | 25 | – | 0 | * |
| Acklington | 19·2 | +10 | W | 4 | bc | 65 | 45 | 9 | 8 | – | 1 | 3 | 1 | 1 | 25 | 57 | 0 | 0 |
| St. Abb's Head | 18·3 | +10 | W | 4 | bc | 63 | 56 | 9 | 1 | 4 | – | 3 | 3 | 2 | 20 | – | 0 | * |
| Leuchars | 18·0 | +10 | W | 4 | bc | 64 | 48 | 8 | 1 | – | – | 4 | 4 | – | 30 | – | 1 | * |
| Montrose | 18·0 | +12 | WSW | 3 | bc | 63 | 47 | 9 | 4 | – | – | 3 | 3 | – | 35 | – | 0 | * |
| Abbotsinch | 19·9 | +10 | WNW | 3 | bc | 62 | 52 | 9 | 8 | – | – | 5 | 4 | 5 | 18 | 25 | 1 | * |
| Prestwick | 20·8 | +10 | W | 4 | bc | 62 | 52 | 8 | 2 | 6 | – | 4 | 3 | 2 | 28 | – | 0 | * |
| West Freugh | 21·2 | +10 | N | 2 | bc/pr | 62 | 53 | 9 | 8 | 6 | – | 4 | 3 | 3 | 20 | 40 | 0 | * |
| Eskdalemuir | 22·0 | +10 | WSW | 3 | bc | 61 | 47 | 9 | 8 | – | – | 4 | 4 | – | 29 | – | 0 | * |
| Jurby, I. of Man | 21·6 | +4 | SW'S | 3 | c-bc/pr | 61 | 54 | 8 | 8 | 3 | – | 5 | 4 | 3 | 30 | 40 | 0 | * |
| Machrihanish | 21·3 | +8 | W | 2 | bc | 62 | 55 | 8 | 2 | 4 | – | 2 | 1 | 2 | 25 | – | 0 | 2 |
| Tiree | 19·5 | +6 | WSW | 3 | bc | 59 | 56 | 8 | 8 | 6 | – | 4 | 3 | 2 | 15 | 40 | 1 | 3 |
| Oban | 19·6 | +8 | SW | 4 | bc | 62 | 55 | 9 | 3 | 6 | – | 4 | 4 | 3 | 25 | – | 1 | 3 |
| Stornoway | 15·6 | +14 | SW | 5 | propr | 58 | 52 | 8 | 8 | 6 | 3 | 6 | 3 | 5 | 16 | 25 | 1 | 3 |
| Cape Wrath | 13·7 | +6 | WSW | 5 | c | 57 | 52 | 9 | 2 | 4 | – | 5 | – | 0 | – | – | 0 | 4 |
| Dalwhinnie | | +14 | WSW | 4 | bc | 55 | 43 | 8 | 8 | – | – | 4 | 4 | – | 40 | – | 0 | 0 |
| Aberdeen | 16·7 | +14 | NW | 2 | bc | 64 | 53 | 9 | 2 | 6 | – | 3 | 1 | 3 | – | – | 0 | 2 |
| Fraserburgh | 16·5 | +10 | W'N | 3 | bc/pr | 58 | 50 | 9 | 8 | 6 | – | 6 | 3 | 5 | 20 | 25 | 0 | 0 |
| Alness | 16·5 | +12 | W | 4 | propr | 59 | 50 | 7 | 7 | – | – | 5 | 5 | – | 25 | – | 1 | * |
| Wick | 14·4 | +16 | W | 4 | propr | 58 | 54 | 9 | 8 | – | – | 5 | 3 | 4 | 15 | 40 | 1 | * |
| Hatston | 14·0 | +12 | W'S | 6 | c | 58 | 56 | 7 | 3 | – | – | 4 | 4 | 4 | 20 | 40 | * | * |
| Sumburgh | 11·6 | +16 | W'N | 5 | bbc/rdh | 55 | 47 | 8 | 7 | – | 3 | 2 | 2 | 1 | 20 | 40 | 0 | 3 |
| Sullom Voe | 10·9 | +22 | W'N | 4 | c | 55 | 47 | 8 | 2 | – | – | 5 | 5 | – | 18 | – | 0 | * |
| Blacksod Point | 22·8 | +6 | W'S | 3 | c | 61 | 53 | 8 | 8 | 3 | 5 | 7 | 5 | – | 25 | – | 1 | 3 |
| Malin Head | 20·8 | +10 | W'N | 5 | bc | 60 | 55 | 8 | 2 | – | – | 4 | 4 | – | 25 | – | 1 | 4 |
| Aldergrove | 21·8 | +10 | WNW | 3 | c | 63 | 51 | 9 | 7 | 6 | – | 5 | 4 | 5 | 35 | 40 | 0 | * |
| Cas. Archdale | 22·6 | +10 | SW | 5 | c | 62 | 51 | 8 | 8 | 6 | – | 5 | 2 | 5 | 25 | 40 | 1 | * |
| Birr Castle | 22·6 | +20 | WSW | 2 | bc | 65 | 53 | 8 | 4 | – | – | 4 | 4 | – | 25 | – | 0 | * |
| Collinstown | 22·1 | +2 | W | 4 | c | 64 | 52 | 9 | 8 | – | – | 6 | 6 | – | 40 | – | 0 | * |
| Foynes | 23·6 | +4 | W | 3 | c | 63 | 51 | 9 | 5 | – | – | 7 | – | 5 | 33 | 25 | 0 | * |
| Valentia | 24·5 | +6 | W'N | 2 | bc | 64 | 52 | 9 | 8 | – | 1 | 4 | 4 | – | 57 | – | 0 | 2 |
| Roches Point | 23·7 | 0 | SW | 2 | c | 63 | 55 | 8 | 5 | – | – | 5 | 5 | – | 15 | – | 1 | 3 |

## PAST 24 HOURS — WEATHER

| Stations | 06h.–12h. 12th (41) | 12h.–18h. 12th (42) | 18h. 12th to 00h. 13th (43) | 00h.–06h. 13th (44) |
|---|---|---|---|---|
| Kew | ciroc | ccy | bcc, by | bbccw |
| Croydon | cidoc | ecy | cybcb | bmodocm |
| Boscombe Down | ccdo docc | cybcycy | cybcb | bbc |
| Thorney Island | cmo | c | bcb | b |
| Friston | | | | |
| Lympne | ofubcmo | cmo | bcmobmo | offc |
| Manston | cmo | czomoc | cbcmo | bccmfe |
| North Weald | cmcmoc | ccy | cycbmo | cmoczo |
| Felixstowe | cmocy | bcylvc | cbcmocmo | czoc |
| Gorleston | c | bcc | cbczo | bzo zo |
| Mildenhall | cbcy | bcycy | cycb | bbcmo |
| Bircham Newton | bcy | bcy | bcydbcmo | bcmoc |
| Cranwell | bc | bcycy | bcbcmo | bcmo |
| Cranfield | cbc | cy | cbybc | bb czoc |
| Honiley | bccy | bcyoy | cybcycbc | bcc |
| Little Rissington | cidoccy | bcycyb | bcyb | bbcbbc |
| Shobden | c | cybcy | bcybcb | bbccw |
| Bristol | cbc | bcycy | cycb | bbwb |
| Chivenor | cprobc | bcy | bcb | bbcw |
| Yeovilton | cdcbc | bccbcc | cb | bbcm |
| Portland Bill | c | cc | c | bc |
| Exeter | cido | ccy | cybc | bbc |
| Plymouth | cpc | bcbycy | bcb | b |
| St. Eval | cfgbc | bcbycl | bc | bbc |
| The Lizard | bbc | bc | bcc | bc |
| Scilly, St. Marys | bcc | cbcc | cbcco | bbc |
| Fairwood | bcblbcy | bcy | bcybcb | bbc |
| Pembroke | bcc | bcl | bc | bccw |
| Aberporth | cb | cbc | * | bbc |
| Penrhos | bbc | bcycyc | bcbcw | bwcw |
| Holyhead, Valley | bbc | bccbcr | bcc | bccw |
| Hawarden | bbcbcy | cybcyccy | bbc | bbcc |
| Manchester | bcmobcy | cbcy | bcybw | cmobcc |
| Squires Gate | bc | bccbc | bcb | bbce |
| Silloth | bccbc | bccproc | cbc | bbcw |
| Ashbourne | ebcy | cybcyvr | bcyb | c |
| Snaith | bcmbzoy | bcyc4vr | bcyb | bcmowcm |
| Spurn Head | bczo | c | bc | c |
| Catterick (Sc.) | bcy | bcybc | bcb | bwc |
| Tynemouth | bcmbc | bc | bc | bcmo |
| Acklington | bc | bcybrobc | byb | bbcb |
| St. Abb's Head | bc | bcprbc | bcb | bbc |
| Leuchars | bcccy | cyeprobc | bcb | bbcb |
| Montrose | bwbcpro | bcyjpb | bcybbc | bbcbcw |
| Abbotsinch | bcpro | bc | bcb | bccpro |
| Prestwick | bc | b | bcb | bcproc |
| West Freugh | bcqbc | bccprobc | bcqprobcb | bwbcwfbc |
| Eskdalemuir | bcwqpro | cprbc | bcb | bbcw |
| Jurby, I. of Man | cbc | bccproc | bcfg | cfgw |
| Machrihanish | prbcprcb | bc | bc | prc |
| Tiree | bccprobc | cbcp/bc | bcc | bcproc |
| Oban | cprobc | bcprobc | probc | cproc |
| Stornoway | bcbcpro | ccprocbc | cprobc | bcbcprobc |
| Cape Wrath | cporcbc | bcc | c | cproc |
| Dalwhinnie | cbcpor | bc | * | bcc |
| Aberdeen | bybcpro | bcyvcpr | bbcv | bcbv |
| Fraserburgh | bcjpy | bcyb | bc | bc |
| Alness | bcpro | bccpr | cprobcbbc | bbcprobc |
| Wick | bcc | cprcbc | bcprb | bcproc |
| Hatston | prc | cprbc | prbc | pr |
| Sumburgh | cprobc | trb | pro | probc |
| Sullom Voe | cprc | c | cprc | cprbcc |
| Blacksod Point | c | c | bc | pr |
| Malin Head | bc | bc | bc | c |
| Aldergrove | bccpro | | cbccbc | bbcw |
| Cas. Archdale | cbcc | cbcc | cbc | bbccpro |
| Birr Castle | pr | bc | bc | c |
| Collinstown | c | c | * | c |
| Foynes | c | c | c | bc |
| Valentia | c | c | c | c |
| Roches Point | c | c | bc | bc |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil  1 = Trace  2 = $\frac{1}{10}$  3 = $\frac{1}{4}$  4 = $\frac{1}{2}$  5 = $\frac{3}{4}$  6 = $\frac{9}{10}$  7 = More than 9 but with openings.  8 = Completely covered.  9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

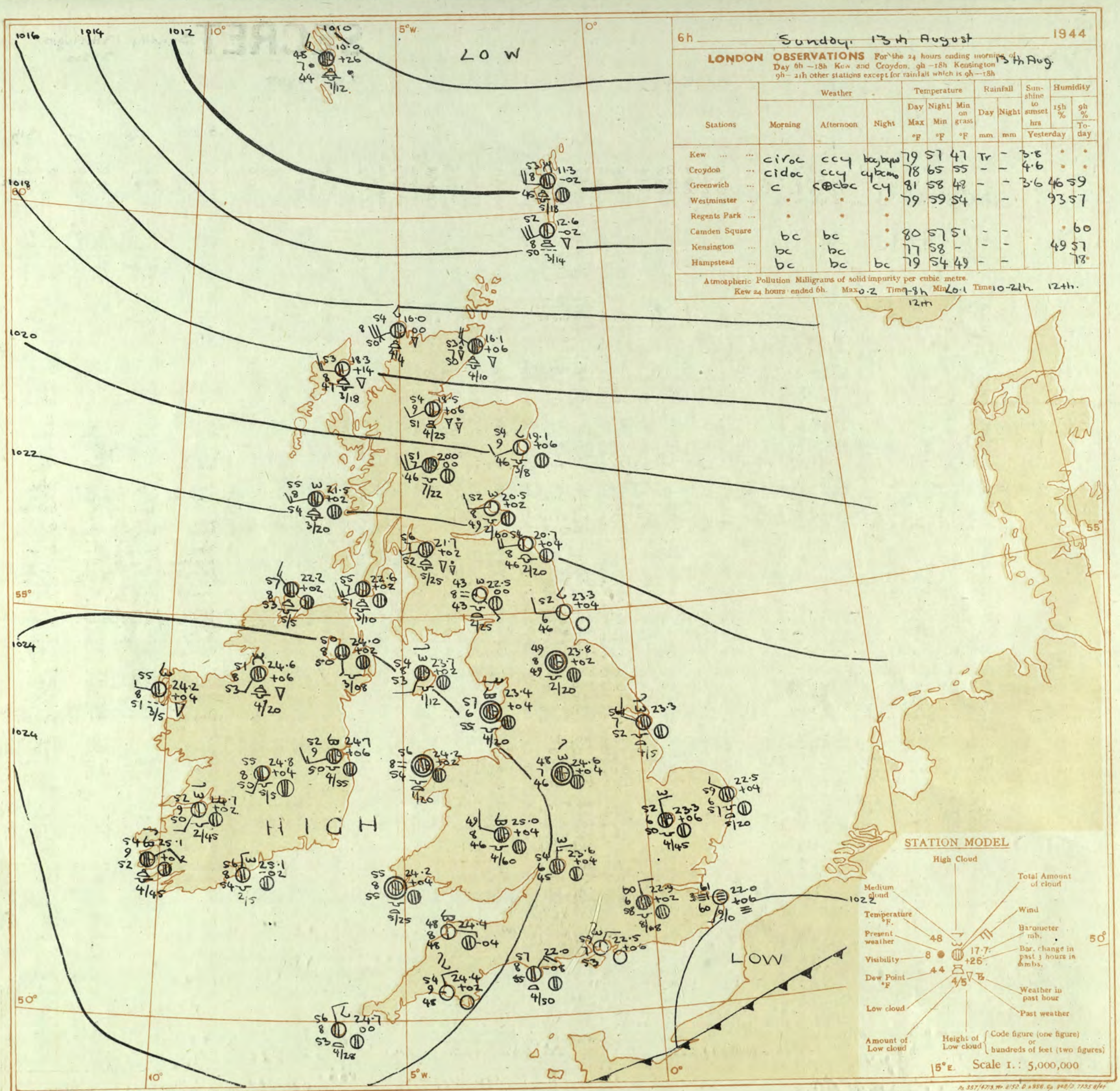
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Sunday 13th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 13th Aug.
Day 6h – 18h Kew and Croydon. 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather Morning | Weather Afternoon | Weather Night | Temperature Day Max °F | Temperature Night Min °F | Temperature Min on grass °F | Rainfall Day mm | Rainfall Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | ci r o c | c c y | bc, b y w | 79 | 57 | 47 | Tr | – | 3·8 | • | • |
| Croydon ... | ci d o c | c c y | cy b c m o | 78 | 65 | 55 | – | – | 4·6 | • | • |
| Greenwich ... | c | c ⊕ c b c | cy | 81 | 58 | 48 | – | – | 3·6 | 46 | 59 |
| Westminster ... | • | • | • | 79 | 59 | 54 | – | – | | 93 | 57 |
| Regents Park ... | • | • | • | | | | | | | | |
| Camden Square | bc | bc | • | 80 | 57 | 51 | – | – | | • | 60 |
| Kensington ... | bc | bc | • | 77 | 58 | – | – | – | | 49 | 57 |
| Hampstead ... | bc | bc | bc | 79 | 54 | 49 | – | – | | | 78 |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0·2 Time 7-8h Min 0·1 Time 10-12h. 12th.



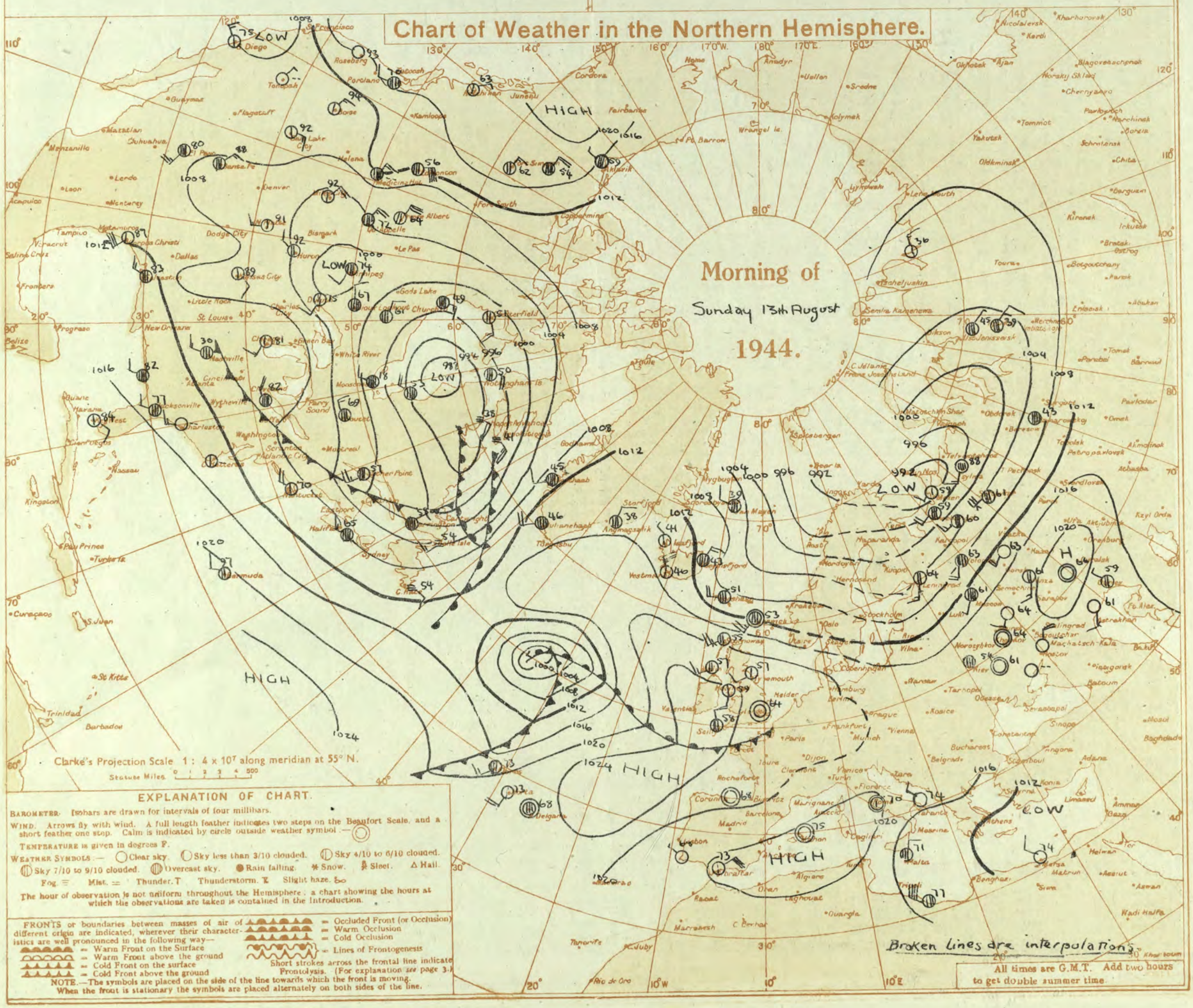

H.M.S.O. Press, M.O., Dunstable.

## GENERAL INFERENCE

An anticyclone centred just south of Ireland is moving slowly east-northeast. A trough of low pressure will swing southeast across North Scotland. There will be fairly frequent showers in Northeast Scotland, and more scattered showers elsewhere in Scotland today. Weather will be fair or fine elsewhere in the British Isles. It will be cool in Scotland and warm elsewhere.

## FURTHER OUTLOOK

Some rain over northeast half of Ireland. fair or fine elsewhere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. T Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- = Warm Front on the Surface
- = Warm Front above the ground
- = Cold Front on the surface
- = Cold Front above the ground
- = Occluded Front (or Occlusion)
- = Warm Occlusion
- = Cold Occlusion
- = Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Sunday 13th August 1944

No. 30215

## OBSERVATIONS at 00hr. G.M.T. 13th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force (4) | Weather. (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud. Form. Low. (9) | Form. Med. (10) | Form. High. (11) | Amount. Total. 0–9 (12) | Low. A. 0–9 (13) | Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 22.5 | +2 | – | 0 | b | 64 | 59 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Boscombe Down | 417 | 23.5 | +6 | WNW | 2 | b | 54 | 49 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Thorney Island | 10 | 22.1 | -2 | NNW | 2 | b | 58 | 55 | 7 | 4 | – | – | 2 | 2 | – | 30 | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 22.1 | -2 | SE | 1 | ⊘ | 60 | 59 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Manston ... | 140 | 21.6 | +2 | SES | 2 | ⊘ | 62 | 60 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| 2 | North Weald | 244 | 23.1 | +6 | NW | 1 | ⊘ | 56 | 54 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Felixstowe ... | 10 | 22.3 | +2 | ESE | 4 | ⊘ | 65 | 55 | 6 | 5 | – | – | 8 | 8 | – | 19 | – |
| | Gorleston ... | 5 | 22.4 | +2 | SSE | 1 | ⊘ | 63 | 58 | 6 | 5 | – | – | 4 | 4 | – | 20 | – |
| | Mildenhall | 15 | 23.1 | +2 | – | 0 | b | 51 | 49 | 7 | – | 3 | – | 2 | 2 | – | 140 | – |
| | Bircham Newton | 221 | 23.3 | +2 | – | 0 | bc | 53 | 51 | 6 | 5 | – | – | 4 | 4 | – | 50 | – |
| | Cranwell ... | 203 | 23.4 | +6 | WN | 2 | ⊘ | 55 | 49 | 6 | 5 | 3 | – | 5 | 4 | 4 | 25 | – |
| 3 | Cranfield ... | 340 | 23.3 | +8 | N | 2 | bc | 55 | 47 | 7 | 5 | – | – | 4 | 4 | – | 41 | – |
| | Honiley ... | 427 | 23.9 | +8 | NNW | 1 | b-bc | 54 | 47 | 8 | – | 4 | – | 3 | 3 | – | – | – |
| 4 | Little Rissington | 731 | 23.5 | +10 | NW | 2 | b | 57 | 47 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Shobden ... | 318 | 24.7 | +6 | WNW | 1 | b | 51 | 47 | 8 | – | 4 | – | 2 | 2 | – | – | – |
| 5 | Bristol ... | 209 | 24.1 | +6 | – | 0 | b | 55 | 47 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Chivenor ... | 20 | 24.3 | +6 | ENE | 1 | b | 54 | 52 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Yeovilton | 50 | 23.6 | +6 | – | 0 | b | 51 | 48 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Portland Bill | 32 | 23.2 | +2 | NW | 3 | ebc | 62 | 60 | 8 | 5 | – | – | 5 | 5 | – | 50 | – |
| | Exeter ... | 100 | 24.4 | +4 | – | 0 | b | 54 | 50 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Plymouth ... | 86 | 24.3 | 0 | N | 2 | b | 56 | 49 | 8 | – | 4 | – | 2 | 2 | – | – | – |
| | St. Eval ... | 345 | 24.8 | -2 | N | 1 | b | 55 | 49 | 9 | 4 | – | – | 2 | 2 | – | 30 | – |
| | The Lizard | 240 | 24.3 | +4 | NNW | 3 | c | 56 | 51 | 7 | 5 | – | – | 7 | 7 | – | 20 | – |
| | Scilly, St. Marys | 163 | 25.1 | +2 | N | 2 | c | 58 | 54 | 8 | 1 | 3 | – | 6 | 2 | 5 | 25 | – |
| 6 | Fairwood ... | 268 | 24.8 | +2 | NNW | 2 | b | 51 | 45 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Pembroke ... | 142 | 25.0 | +2 | NW | 1 | b-bc | 59 | 53 | 8 | 7 | – | – | 3 | 3 | – | 25 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 23.7 | -2 | – | 0 | bc | 53 | 51 | 8 | 5 | 7 | – | 4 | 4 | 2 | 40 | – |
| | Holyhead, Valley | 32 | 24.0 | +4 | SW | 2 | b-bc | 59 | 55 | 8 | 5 | – | – | 3 | 3 | – | 40 | – |
| | Hawarden | 15 | 24.7 | 0 | SW | 2 | b | 55 | 46 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| 8* | Manchester | 230 | 23.9 | +2 | – | 0 | ebc | 51 | 47 | 6 | 5 | – | – | 5 | 5 | – | 30 | – |
| | Squires Gate | 30 | 23.3 | +2 | WNW | 4 | b-bc | 61 | 53 | 8 | 4 | – | – | 3 | 3 | – | 50 | – |
| | Silloth ... | 25 | 22.9 | +6 | W | 2 | bc | 59 | 51 | 8 | 5 | 4 | 1 | 4 | 4 | 1 | 25 | – |
| 9 | Ashbourne ... | 590 | 23.9 | +4 | NNW | 2 | b | 52 | 46 | 8 | 4 | – | – | 2 | 2 | – | 25 | – |
| | Snaith ... | 30 | 23.5 | +2 | WNW | 2 | b-bc | 52 | 48 | 7 | 5 | – | 1 | 3 | 2 | 2 | 25 | – |
| 10 | Spurn Head | 29 | 23.0 | +2 | NNW | 4 | b-bc | 59 | 51 | 7 | 1 | – | – | 3 | 3 | – | 25 | – |
| | Catterick (Sc.) | 195 | 23.4 | +8 | WN | 3 | b | 53 | 51 | 8 | 4 | – | – | 1 | 1 | – | 25 | – |
| | Tynemouth | 108 | 22.5 | +6 | WSW | 2 | b-bc | 57 | 51 | 7 | 2 | – | – | 3 | 3 | – | 25 | – |
| | Acklington | 138 | 21.9 | +8 | WSW | 3 | b | 50 | 46 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| 11 | St. Abb's Head | 280 | 20.4 | +10 | W | 4 | b | 54 | 46 | 8 | 4 | – | – | 2 | 2 | – | 20 | – |
| | Leuchars ... | 31 | 20.3 | +6 | WSW | 1 | b | 51 | 48 | 8 | 4 | – | – | 1 | 1 | – | 60 | – |
| | Montrose ... | 22 | 20.7 | +6 | SW | 1 | b | 53 | 48 | 8 | 5 | – | – | 1 | 1 | – | 35 | – |
| 12 | Abbotsinch | 19 | 21.5 | +4 | WNW | 2 | b | 54 | 51 | 8 | 8 | – | – | 2 | 2 | – | 20 | – |
| | Prestwick ... | 30 | 22.3 | +2 | WSW | 4 | b | 57 | 52 | 8 | 2 | – | – | 1 | 1 | – | 30 | – |
| | West Freugh | 53 | 22.8 | +4 | WNW | 1 | b | 50 | 48 | 8 | 5 | – | – | 2 | 2 | – | 30 | – |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 23.5 | +10 | – | 0 | fg | 53 | 52 | 8 | 5 | 7 | – | 5 | 3 | 4 | 30 | 72 |
| 13A | Machrihanish | 35 | 22.5 | +6 | WSW | 3 | b-bc | 56 | 52 | 7 | 5 | 7 | – | 3 | 1 | 3 | 20 | 40 |
| | Tiree ... | 44 | 21.2 | +4 | WSW | 3 | ebc | 54 | 54 | 8 | 8 | – | – | 5 | 3 | 4 | 20 | 40 |
| | Oban ... | 74 | 21.7 | +10 | SW | 3 | bc | 54 | 53 | 9 | 2 | – | – | 4 | 4 | – | 20 | – |
| 13B | Stornoway ... | 12 | 16.8 | +2 | WSW | 5 | b/pr | 55 | 51 | 7 | 8 | – | – | 4 | 4 | 4 | 16 | 25 |
| | Cape Wrath | 367 | 15.6 | +6 | WSW | 5 | ebc | 54 | 52 | 9 | 5 | 4 | – | 5 | 4 | – | 25 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 19.1 | +6 | WSW | 2 | b | 57 | 44 | 9 | 4 | 4 | – | 2 | 1 | 1 | 30 | – |
| | Fraserburgh | 76 | 18.3 | +4 | WSW | 3 | b-bc | 51 | 47 | 8 | 4 | – | – | 3 | 3 | – | 30 | – |
| | Alness ... | 63 | 18.1 | +6 | W | 2 | bc | 56 | 49 | 9 | 4 | – | – | 4 | 4 | – | 35 | – |
| | Wick ... | 114 | 16.8 | +4 | SW | 3 | b-bc | 51 | 49 | 9 | 5 | – | – | 3 | 3 | – | 40 | – |
| 16 | Hatston ... | 45 | 15.7 | +6 | WS | 5 | bc | 55 | 51 | 7 | 8 | 4 | – | 4 | 4 | 1 | 15 | – |
| | Sumburgh ... | 15 | 13.2 | +8 | WS | 4 | b | 53 | 51 | 9 | 4 | – | – | 1 | 1 | – | 10 | – |
| | Sullom Voe | 12 | 11.9 | +2 | SW | 6 | b/pr | 53 | 49 | 7 | 5 | – | – | 3 | 3 | – | 10 | – |
| 17 | Blacksod Point | 18 | 24.1 | +4 | W | 2 | bc | 54 | 49 | 8 | 8 | – | – | 4 | 4 | – | 40 | – |
| 18 | Malin Head | 84 | 22.1 | +6 | WS | 3 | bc | 57 | 52 | 8 | 8 | – | – | 4 | 4 | – | 25 | – |
| | Aldergrove | 294 | | | | | | | | | | | | | | | | |
| | Cas. Archdale | 240 | 24.1 | +6 | SW | 2 | b-bc | 55 | 52 | 8 | 5 | – | – | 3 | 3 | – | 30 | – |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 23.9 | +2 | WS | 3 | ebc | 53 | 48 | 9 | 5 | 3 | – | 5 | 4 | – | 40 | – |
| 20 | Foynes ... | 3 | 24.7 | 0 | SWW | 3 | c | 56 | 51 | 8 | 5 | – | – | 6 | 6 | – | 40 | – |
| | Valentia ... | 30 | 25.4 | 0 | NE | 1 | c | 55 | 50 | 9 | – | 7 | – | 6 | – | – | – | – |
| | Roches Point | 22 | 25.3 | +6 | N | 2 | bc | 58 | 56 | 8 | 5 | – | – | 4 | 4 | – | 15 | – |

Minimum Temperatures and Rainfall read at 0700 GMT

## OBSERVATIONS at 06hr. G.M.T. 13th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force. (20) | Weather. (21) | Temp. °F. (22) | Dew Point. °F. (23) | Visibility. 0–9 (24) | Cloud. Form. Low. (25) | Form. Med. (26) | Form. High. (27) | Amount. Total. 0–9 (28) | Low. A. 0–9 (29) | Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 23.3 | +4 | NNE | 2 | c | 58 | 47 | 7 | 5 | 3 | – | 6 | 8 | 6 | 28 | – | 0 | * |
| Croydon ... | 22.9 | +2 | N | 2 | ⊘ | 60 | 58 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 0 | * |
| Boscombe Down | 23.8 | +6 | NW | 2 | bc | 51 | 45 | 7 | – | 5 | – | 4 | 4 | – | – | – | 0 | * |
| Thorney Island | 22.1 | +2 | NE | 2 | b | 55 | 49 | 7 | – | 3 | 9 | 2 | 2 | – | – | – | 0 | * |
| Friston ... | | | | | | | | | | | | | | | | | | * |
| Lympne ... | 22.6 | -6 | – | 0 | f | 61 | 61 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 | §2 |
| Manston ... | 22.0 | +6 | SW | 1 | f- | 61 | 60 | 3 | – | – | – | 9 | 9 | – | 0 | – | 0 | * |
| North Weald | 23.8 | +6 | | | ⊘ | 56 | 50 | 6 | 5 | – | – | | 7 | – | 30 | – | 0 | * |
| Felixstowe ... | 22.5 | +4 | NEN | 2 | c | 60 | 58 | 8 | 5 | 3 | – | 7 | 6 | 7 | 30 | – | 0 | 1 |
| Gorleston ... | 22.5 | +4 | NW | 1 | ⊘ | 59 | 57 | 6 | 7 | – | – | 5 | 5 | – | 20 | – | 0 | 1 |
| Mildenhall | 23.3 | +6 | N | 2 | ⊘ | 52 | 50 | 6 | 5 | 3 | – | 7 | 4 | 7 | 45 | – | 0 | * |
| Bircham Newton | 23.5 | +6 | WNW | 1 | c | 57 | 53 | 7 | 5 | 5 | – | 7 | 3 | 7 | 50 | – | 0 | * |
| Cranwell ... | 23.9 | +2 | SW | 1 | ⊘ | 52 | 49 | 6 | 5 | – | – | 7 | 7 | – | 50 | – | 0 | * |
| Cranfield ... | 23.9 | +4 | NW | 2 | c | 53 | 47 | 7 | 5 | 3 | – | 7 | 1 | 7 | 50 | – | 0 | * |
| Honiley ... | 24.1 | +4 | NW | 3 | ⊘ | 52 | 47 | 6 | – | 7 | – | 6 | 6 | – | – | – | 0 | * |
| Little Rissington | 23.6 | +4 | NNE | 3 | ⊘ | 54 | 45 | 6 | – | 3 | – | 5 | 5 | – | 100 | – | 0 | * |
| Shobden ... | 25.0 | +4 | NNW | 2 | c | 48 | 46 | 8 | 5 | 7 | – | 6 | 4 | 6 | 60 | – | 0 | * |
| Bristol ... | 24.6 | +6 | – | 0 | b-bc | 50 | 48 | 7 | – | 7 | – | 3 | 3 | – | – | – | 0 | * |
| Chivenor ... | 24.4 | -4 | ESE | 1 | b-bc | 48 | 48 | 8 | – | 7 | – | 3 | 3 | 3 | – | – | 0 | * |
| Yeovilton | 24.1 | +4 | NNW | 2 | b-bc | 51 | 47 | 8 | – | 7 | 9 | 3 | 3 | – | – | – | 0 | * |
| Portland Bill | 22.0 | -8 | NE | 3 | bc | 57 | 55 | 8 | 1 | – | – | 4 | 4 | – | 50 | – | 1 | 3 |
| Exeter ... | 24.3 | +2 | N | 2 | b-bc | 49 | 47 | 7 | 5 | 7 | – | 3 | 1 | – | 40 | – | 0 | * |
| Plymouth ... | 24.4 | +2 | NW | 2 | b | 54 | 48 | 9 | – | 4 | 4 | 1 | 1 | – | – | – | 0 | 1 |
| St. Eval ... | 24.7 | +2 | ENE | 1 | b-bc | 54 | 51 | 9 | 5 | 7 | – | 3 | 2 | 3 | 30 | – | 0 | * |
| The Lizard | 24.0 | 0 | NE | 2 | b-bc | 55 | 53 | 8 | 4 | – | – | 3 | 2 | – | 25 | – | 0 | 3 |
| Scilly, St. Marys | 24.7 | 0 | NNW | 2 | bc | 56 | 53 | 8 | 1 | 4 | – | 4 | 4 | 2 | 28 | 57 | 0 | 2 |
| Fairwood ... | 24.4 | 0 | NNE | 1 | bc | 51 | 47 | 8 | – | 7 | – | 4 | 4 | – | – | – | 0 | * |
| Pembroke ... | 24.2 | +4 | – | 0 | ebc | 55 | 55 | 8 | 7 | – | – | 5 | 5 | – | 25 | – | 0 | 2 |
| Aberporth ... | 24.4 | -2 | – | 0 | c | 53 | 51 | 9 | – | 7 | – | 6 | 6 | – | 150 | – | 0 | 1 |
| Penrhos ... | 23.9 | +2 | – | 0 | c | 55 | 54 | 8 | 5 | 7 | – | 6 | 4 | 6 | 40 | – | 0 | 1 |
| Holyhead, Valley | 24.2 | +2 | – | 0 | fg | 56 | 54 | 8 | 7 | 3 | – | 6 | 1 | 4 | 20 | 40 | 0 | 1 |
| Hawarden | 24.1 | -2 | SSW | 2 | ⊘ | 51 | 49 | 6 | 5 | 7 | – | 6 | 4 | 5 | 25 | – | 0 | * |
| Manchester | 24.1 | +4 | SSW | 2 | c | 53 | 49 | 8 | 5 | 7 | – | 7 | 5 | 7 | 25 | – | 0 | * |
| Squires Gate | 23.4 | +1 | – | 0 | c | 57 | 55 | 6 | 5 | 7 | 2 | 6 | 4 | 4 | 20 | – | 0 | * |
| Silloth ... | 22.9 | 0 | – | 0 | bc | 51 | 49 | 8 | 7 | 3 | 1 | 4 | 2 | 3 | 20 | 40 | 0 | * |
| Ashbourne ... | 24.6 | +4 | – | 0 | c | 48 | 46 | 7 | – | 3 | 4 | 6 | 3 | 6 | 130 | – | 0 | * |
| Snaith ... | 24.0 | +4 | S | 1 | m | 50 | 48 | 4 | 5 | 4 | – | 7 | 6 | 3 | 30 | – | 0 | * |
| Spurn Head | 23.3 | +2 | NNW | 3 | ebc | 56 | 52 | 7 | 7 | 3 | 1 | 5 | 4 | 3 | 25 | 72 | 0 | 3 |
| Catterick (Sc.) | 23.8 | +2 | – | 0 | c | 49 | 49 | 8 | 5 | – | – | 6 | 2 | 5 | 20 | 25 | 0 | * |
| Tynemouth | 23.3 | +4 | W | 2 | ⊘ | 52 | 46 | 6 | – | 4 | – | 3 | 3 | 3 | – | – | 0 | 2 |
| Acklington | 22.3 | 0 | WSW | 2 | b-bc | 50 | 46 | 9 | – | 4 | 1 | 3 | 2 | 2 | 150 | – | 0 | * |
| St. Abb's Head | 20.7 | +4 | W | 4 | b-bc | 54 | 46 | 8 | 4 | 4 | – | 3 | 2 | 2 | 20 | – | 1 | 2 |
| Leuchars ... | 20.5 | +2 | W | 2 | b | 52 | 49 | 8 | 5 | 3 | – | 2 | 2 | 1 | 60 | – | 1 | * |
| Montrose ... | 21.0 | +2 | WSW | 3 | b | 51 | 47 | 8 | 5 | 4 | – | 2 | 1 | 1 | 35 | – | 0 | * |
| Abbotsinch | 21.7 | +2 | WS | 1 | ebc/pr | 56 | 52 | 7 | 8 | – | – | 6 | 5 | – | 25 | – | 1 | * |
| Prestwick ... | 22.3 | 0 | WS | 3 | c | 57 | 52 | 7 | 8 | 3 | – | 6 | 3 | 4 | 15 | 25 | 0 | * |
| West Freugh | 23.0 | 0 | – | 0 | fg | 45 | 45 | 8 | 8 | 3 | 5 | 4 | 3 | 1 | 30 | 40 | 0 | * |
| Eskdalemuir | 22.5 | 0 | SE | 1 | fg | 43 | 43 | 8 | 7 | 3 | – | 2 | 2 | 1 | 25 | – | 1 | * |
| Jurby, I. of Man | 23.7 | +2 | SW | 2 | c | 54 | 53 | 8 | 5 | 3 | 1 | 7 | 1 | 4 | 12 | 72 | 0 | * |
| Machrihanish | 22.6 | +2 | SWW | 3 | ebc | 55 | 51 | 7 | 8 | – | – | 5 | 3 | 5 | 10 | 15 | 0 | |
| Tiree ... | 21.5 | +2 | WS | 3 | ebc | 55 | 54 | 8 | 8 | 3 | – | 5 | 3 | 2 | 20 | 40 | 1 | 2 |
| Oban ... | 21.8 | +2 | WSW | 3 | c | 55 | 52 | 9 | 8 | – | – | 6 | 4 | 5 | 20 | 40 | 1 | 2 |
| Stornoway ... | 18.3 | +14 | W | 3 | bc | 53 | 47 | 8 | 8 | – | – | 4 | 3 | 4 | 18 | 25 | 1 | 2 |
| Cape Wrath | 16.0 | 0 | WSW | 6 | ebc | 54 | 50 | 8 | 2 | 4 | – | 5 | 4 | – | 15 | – | 1 | 5 |
| Dalwhinnie | 20.0 | 0 | WSW | 4 | c | 51 | 46 | 7 | 5 | – | – | 7 | 7 | – | 22 | – | 0 | * |
| Aberdeen† ... | 19.1 | +6 | WSW | 2 | b-bc | 54 | 46 | 9 | 5 | 4 | – | 3 | 3 | 1 | 72 | – | 0 | 2 |
| Fraserburgh | 18.3 | +2 | SW | 3 | bc | 51 | 48 | 9 | 5 | – | – | 4 | 4 | – | 30 | – | 0 | * |
| Alness ... | 18.5 | +6 | WSW | 2 | bc/pr | 54 | 51 | 9 | 3 | – | – | 4 | 4 | – | 25 | – | 1 | * |
| Wick ... | 16.1 | +6 | WNW | 4 | pr | 53 | 50 | 7 | 8 | – | – | 7 | 4 | 7 | 10 | 25 | 1 | * |
| Hatston ... | 15.3 | +2 | WS | 4 | /pr | 53 | 50 | 7 | 8 | – | – | 6 | 3 | 5 | 10 | 25 | * | * |
| Sumburgh ... | 12.6 | -2 | WSW | 6 | bc | 52 | 50 | 8 | 9 | – | – | 4 | 3 | 4 | 14 | 25 | 1 | 4 |
| Sullom Voe | 11.3 | -2 | W | 4 | ebc | 53 | 45 | 8 | 8 | 6 | – | 5 | 5 | 3 | 18 | 25 | 1 | * |
| Blacksod Point | 24.2 | +4 | WN | 1 | bc | 55 | 50 | 8 | 6 | 6 | – | 4 | 3 | – | 25 | – | 1 | 1 |
| Malin Head | 22.2 | +2 | NNW | 3 | ebc | 57 | 53 | 8 | 8 | – | – | 5 | 5 | – | 25 | – | 1 | 3 |
| Aldergrove | 24.0 | +2 | S | 1 | ebc | 50 | 50 | 8 | 5 | – | 1 | 5 | 3 | 5 | 8 | 40 | 0 | * |
| Cas. Archdale | 24.6 | +6 | SW | 1 | ebc | 53 | 53 | 8 | 8 | 6 | – | 5 | 4 | 4 | 20 | 40 | 1 | * |
| Birr Castle ... | 24.8 | +4 | SSW | 1 | ebc | 55 | 50 | 8 | 5 | – | – | 5 | 5 | – | 25 | – | 0 | * |
| Collinstown | 24.7 | +6 | WSW | 3 | c | 52 | 50 | 9 | 5 | 7 | – | 7 | 4 | – | 55 | – | 0 | * |
| Foynes ... | 24.7 | +2 | SSW | 1 | bc | 52 | 50 | 9 | 5 | 3 | 1 | 4 | 2 | – | 45 | – | 0 | * |
| Valentia ... | 25.1 | +2 | ENE | 2 | c | 54 | 52 | 9 | 8 | 7 | 3 | 6 | 4 | – | 45 | – | 0 | 7 |
| Roches Point | 25.1 | -2 | N | 1 | bc | 56 | 54 | 8 | 5 | 3 | – | 4 | 2 | – | 25 | – | 1 | 2 |

Station 103 read at 0700 GMT.

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h-18h °F. (35) | Min. Night 18h-6h °F. (36) | Min. on Grass °F. (37) | Rainfall. Day 6h-18h mm. (38) | Night 18h-6h mm. (39) | Sunshine 12th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 79 | 57 | 47 | Tr | – | 3.8 |
| Croydon ... | 78 | 60 | 55 | – | – | 4.6 |
| Boscombe Down | 78 | 48 | 44 | – | – | 6.5 |
| Thorney Island | 76 | 53 | 44 | – | – | * |
| Friston ... | | | | | | |
| Lympne ... | 76 | 57 | * | – | – | 3.3 |
| Manston ... | 73 | 60 | 56 | – | – | 5.0 |
| North Weald | 79 | 54 | * | * | * | * |
| Felixstowe ... | 81 | 59 | 56 | – | – | 6.9 |
| Gorleston ... | 68 | 57 | 49 | – | – | 7.9 |
| Mildenhall | 70 | 46 | 42 | – | – | 5.0 |
| Bircham Newton | 73 | 53 | 43 | – | – | * |
| Cranwell ... | 73 | 49 | 43 | – | – | 11.1 |
| Cranfield ... | 74 | 50 | 41 | – | – | * |
| Honiley ... | 73 | 51 | 47 | – | – | * |
| Little Rissington | – | 53 | 48 | – | – | * |
| Shobden ... | 71 | 46 | * | – | – | * |
| Bristol ... | 75 | 49 | 37 | – | Tr | 10.6 |
| Chivenor ... | 69 | 47 | 37 | Tr | – | * |
| Yeovilton | 75 | 42 | 37 | 0.5 | – | * |
| Portland Bill | 64 | 56 | * | – | – | * |
| Exeter ... | 76 | 47 | 45 | Tr | – | * |
| Plymouth ... | 74 | 53 | 43 | – | – | 8.6 |
| St. Eval ... | 68 | 53 | 42 | – | – | * |
| The Lizard | 77 | 54 | * | 0.2 | – | 6.9 |
| Scilly, St. Marys | 68 | 55 | * | – | – | 9.8 |
| Fairwood ... | – | 47 | 42 | – | – | * |
| Pembroke ... | 65 | 53 | * | – | – | * |
| Aberporth ... | 62 | 51 | 41 | – | – | 11.7 |
| Penrhos ... | 67 | 52 | 39 | – | – | * |
| Holyhead, Valley | 66 | 56 | 49 | – | – | * |
| Hawarden | 69 | 55 | 41 | – | – | 10.3 |
| Manchester | 68 | 49 | 41 | – | – | * |
| Squires Gate | 66 | 57 | 49 | – | – | * |
| Silloth ... | 64 | 47 | 40 | Tr | – | * |
| Ashbourne ... | 67 | 47 | 42 | – | – | * |
| Snaith ... | 71 | 47 | 41 | – | – | * |
| Spurn Head | 70 | 55 | * | – | – | 9.5 |
| Catterick (Sc.) | 70 | 45 | 38 | – | – | 11.7 |
| Tynemouth | 70 | 52 | 48 | – | – | |
| Acklington | 69 | 44 | 38 | Tr | – | * |
| St. Abb's Head | 65 | 49 | 41 | Tr | – | * |
| Leuchars ... | 67 | 49 | 41 | Tr | – | 10.9 |
| Montrose ... | 70 | 48 | 38 | – | – | * |
| Abbotsinch | 64 | 53 | 47 | 0.1 | 0.1 | 6.4 |
| Prestwick ... | 67 | 56 | 53 | Tr | Tr | * |
| West Freugh | 66 | 43 | 39 | Tr | Tr | * |
| Eskdalemuir | 62 | 41 | 33 | 0.2 | – | 10.8 |
| Jurby, I. of Man | 66 | 50 | 45 | Tr | – | * |
| Machrihanish | 63 | 55 | 54 | Tr | 0.5 | * |
| Tiree ... | 64 | 52 | 48 | 1 | 0.3 | 12.2 |
| Oban ... | 68 | 54 | * | – | | * |
| Stornoway ... | 63 | 52 | 48 | 1 | 1 | 10.7 |
| Cape Wrath | 57 | 51 | * | Tr | 0.4 | * |
| Dalwhinnie | 62 | 49 | 45 | Tr | – | 8.4 |
| Aberdeen† ... | 69 | 48 | 39 | 0.3 | – | 10.8 |
| Fraserburgh | 64 | 47 | 41 | 0.2 | – | * |
| Alness ... | 65 | 51 | 44 | 0.6 | Tr | * |
| Wick ... | 63 | 50 | 43 | – | Tr | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 57 | 51 | 47 | 1 | 1 | 10.3 |
| Sullom Voe | 58 | 50 | 46 | 5 | 0.6 | * |
| Blacksod Point | 64 | 50 | * | 0.1 | 1 | * |
| Malin Head | 63 | 55 | * | 0.1 | 1 | 1.3 |
| Aldergrove | 66 | 46 | 41 | Tr | – | 4.7 |
| Cas. Archdale | 63 | 42 | 45 | – | 0.1 | * |
| Birr Castle ... | 67 | 51 | 46 | 0.2 | – | 4.1 |
| Collinstown | 69 | 51 | 49 | – | – | 10.3 |
| Foynes ... | 66 | 51 | 46 | – | – | 3.9 |
| Valentia ... | 65 | 54 | 50 | 1 | Tr | 3.9 |
| Roches Point | 66 | 55 | * | – | – | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 5 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Monday 14th August 1944

No. 30216

## OBSERVATIONS at 12h. G.M.T. 13th August

| District | Stations. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force. (4) | Weather. (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility. 0-9 (8) | Cloud. Form. Low. (9) | Cloud. Form. Med. (10) | Cloud. Form. High. (11) | Cloud. Amount. Total. 0-9 (12) | Cloud. Amount. Low. A. 0-9 (13) | Cloud. Amount. Low. B. 0-9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 23·1 | −4 | N | 3 | c | 71 | 49 | 8 | 2 | 3 | 1 | 5 | 3 | 5 | 38 | 1 |
| | Croydon ... | 23·2 | −6 | N | 2 | c | 73 | 57 | 8 | 5 | 3 | 1 | 6 | 3 | 5 | 30 | 1 |
| | Boscombe Down | 23·4 | −2 | NNW | 3 | bc | 71 | 47 | 8 | 1 | 4 | 1 | 3 | 2 | 3 | 25 | 1 |
| | Thorney Island | 22·3 | −4 | N | 2 | c | 75 | 58 | 7 | 1 | 1 | 1 | 4 | 4 | 1 | 30 | 1 |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 22·2 | 0 | SSE | 2 | 20 | 70 | 61 | 6 | 1 | 1 | 9 | 5 | 4 | 5 | 22 | 1 |
| | Manston ... | 22·3 | +2 | NNE | 2 | 20 | 67 | 61 | 6 | 5 | 1 | 1 | 5 | 4 | 5 | 8 | 15 |
| 2 | North Weald | 23·4 | −2 | NNE | 4 | c | 70 | 53 | 7 | 5 | 3 | 1 | 7 | 3 | 5 | 25 | 1 |
| | Felixstowe ... | 23·2 | −2 | NE'E | 4 | c | 68 | 56 | 8 | 5 | 5 | 1 | 6 | 5 | 2 | 30 | 1 |
| | Gorleston ... | 23·5 | +8 | NNE | 1 | c | 63 | 58 | 8 | 5 | 2 | 1 | 8 | 8 | 1 | 20 | 1 |
| | Mildenhall | 23·2 | −6 | NE'N | 1 | c | 70 | 48 | 8 | 1 | 3 | 2 | 5 | 2 | 5 | 35 | 1 |
| | Bircham Newton | 23·6 | −4 | NNW | 3 | bc | 67 | 52 | 7 | 1 | 3 | 1 | 5 | 2 | 3 | 30 | 1 |
| | Cranwell ... | 23·3 | −6 | W'N | 2 | c | 73 | 52 | 7 | 2 | 8 | 1 | 5 | 5 | 1 | 30 | 1 |
| 3 | Cranfield ... | 22·9 | −8 | NNW | 2 | bc | 69 | 45 | 8 | 1 | 7 | 2 | 3 | 2 | 3 | 30 | 1 |
| | Honiley ... | 23·5 | −8 | WSW | 3 | c | 69 | 47 | 8 | 1 | 4 | 1 | 5 | 4 | 3 | 30 | 1 |
| 4 | Little Rissington | 23·0 | −14 | NNW | 1 | bc | 68 | 47 | 8 | 4 | 4 | 1 | 8 | 1 | 3 | 25 | 1 |
| | Shobden ... | 24·2 | −8 | NNW | 2 | c | 68 | 45 | 8 | 1 | 1 | 1 | 8 | 5 | 1 | 40 | 1 |
| 5 | Bristol ... | 24·0 | −6 | NW | 1 | bc | 70 | 49 | 8 | 1 | 1 | 1 | 8 | 1 | 1 | 30 | 1 |
| | Chivenor ... | 24·3 | −2 | NE | 3 | bc | 69 | 50 | 8 | 1 | 4 | 1 | 1 | 1 | 1 | 25 | 1 |
| | Yeovilton | 22·8 | −6 | NW'N | 2 | bc | 70 | 49 | 8 | 1 | 3 | 1 | 3 | 3 | 1 | 35 | 1 |
| | Portland Bill | 23·4 | +2 | NE | 3 | bc | 72 | 61 | 8 | 1 | 1 | 1 | 4 | 4 | 1 | 50 | 1 |
| | Exeter ... | 23·8 | −6 | NNE | 3 | bc | 71 | 59 | 8 | 1 | 1 | 1 | 4 | 2 | 1 | 30 | 1 |
| | Plymouth ... | 24·0 | −2 | SSW | 3 | bc | 67 | 54 | 8 | 1 | 1 | 1 | 3 | 1 | 1 | 30 | 1 |
| | St. Eval ... | 24·6 | −6 | N | 3 | bc | 66 | 49 | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 25 | 1 |
| | The Lizard | 24·3 | 0 | SSE | 2 | bc | 68 | 56 | 8 | 1 | 1 | 1 | 3 | 3 | 1 | 35 | 1 |
| | Scilly, St. Marys | 25·1 | −4 | N | 2 | bc | 67 | 54 | 8 | 1 | 4 | 1 | 4 | 3 | 2 | 28 | 1 |
| 6 | Fairwood ... | 24·4 | −6 | SSW | 2 | bc | 68 | 50 | 8 | 1 | 1 | 1 | 4 | 3 | 1 | 25 | 1 |
| | Pembroke ... | 25·1 | −2 | W | 2 | bc | 64 | 56 | 8 | 2 | 1 | 1 | 3 | 1 | 1 | 25 | 1 |
| | Aberporth ... | 24·8 | 0 | NW'N | 2 | bc | 62 | 56 | 8 | 1 | 1 | 1 | 3 | 1 | 1 | 25 | 1 |
| 7 | Penrhos ... | 24·6 | +2 | WNW | 3 | bc | 65 | 48 | 8 | 2 | 1 | 1 | 4 | 4 | 1 | 33 | 1 |
| | Holyhead, Valley | 25·4 | +2 | NNW | 2 | bc | 67 | 46 | 8 | 2 | 6 | 2 | 3 | 3 | 2 | 35 | 1 |
| | Hawarden ... | 24·2 | 0 | NW | 4 | c | 66 | 53 | 7 | 2 | 4 | 1 | 6 | 5 | 2 | 30 | 1 |
| 8 | Manchester | 23·4 | −8 | W | 1 | 20 | 65 | 53 | 7 | 2 | 3 | 1 | 5 | 4 | 2 | 25 | 1 |
| | Squires Gate | 24·2 | +2 | NW | 3 | bc/pr | 65 | 55 | 8 | 8 | 1 | 1 | 4 | 4 | 2 | 20 | 1 |
| | Silloth ... | 23·9 | 0 | SW | 3 | c | 62 | 54 | 8 | 9 | 6 | 1 | 7 | 4 | 5 | 15 | 40 |
| | Ashbourne ... | 23·9 | −4 | WSW | 3 | c | 66 | 51 | 8 | 2 | 6 | 1 | 5 | 2 | 4 | 18 | 25 |
| | Snaith ... | 23·8 | −6 | WNW | 2 | c | 66 | 52 | 7 | 7 | 2 | 1 | 5 | 5 | 6 | 25 | 57 |
| 10 | Spurn Head | 23·5 | −4 | E | 3 | c | 67 | 56 | 7 | 8 | 7 | 1 | 5 | 4 | 3 | - | 72 |
| | Catterick (Sc.) | 23·2 | −6 | NW'W | 3 | c | 64 | 50 | 7 | 2 | 7 | 1 | 5 | 4 | 4 | 35 | 72 |
| | Tynemouth | 23·1 | +4 | W | 4 | bc | 68 | 45 | 7 | 2 | 1 | 1 | 4 | 4 | 1 | 24 | 1 |
| | Acklington | 22·4 | −2 | WSW | 3 | c | 65 | 49 | 9 | 8 | 1 | 1 | 5 | 4 | 3 | 25 | 57 |
| 11 | St. Abb's Head | 21·4 | +2 | WNW | 4 | bc | 62 | 44 | 9 | 2 | 6 | 1 | 5 | 4 | 2 | 20 | 1 |
| | Leuchars ... | 21·2 | +2 | W'N | 3 | c | 65 | 46 | 8 | 2 | 1 | 1 | 5 | 5 | 1 | 30 | 1 |
| | Montrose ... | 21·2 | 0 | WSW | 4 | bc | 67 | 49 | 8 | 2 | 6 | 1 | 5 | 5 | 2 | 30 | 1 |
| 12 | Abbotsinch | 23·0 | +6 | N·W | 4 | bc/pr | 62 | 51 | 9 | 8 | 4 | 1 | 8 | 4 | 5 | 18 | 25 |
| | Prestwick ... | 23·9 | +4 | SW | 4 | bc | 62 | 51 | 9 | 8 | 6 | 2 | 5 | 3 | 4 | 22 | 57 |
| | West Freugh | 24·0 | +2 | WNW | 3 | bc | 62 | 51 | 8 | 8 | 6 | 1 | 5 | 3 | 4 | 30 | 1 |
| | Eskdalemuir | 22·5 | 0 | W | 3 | bc | 63 | 50 | 8 | 7 | 1 | 1 | 5 | 5 | 1 | 25 | 1 |
| | Jurby, I. of Man | 25·0 | +6 | SW'W | 3 | bc | 62 | 53 | 9 | 7 | 3 | 1 | 5 | 3 | 3 | 25 | 1 |
| 13A | Machrihanish | 24·5 | +8 | WSW | 3 | bc | 62 | 57 | 8 | 8 | 7 | 5 | 4 | 2 | 4 | 20 | 40 |
| | Tiree ... | 23·3 | +6 | WNW | 4 | c | 61 | 53 | 8 | 7 | 4 | 1 | 5 | 3 | 4 | 20 | 40 |
| | Oban ... | 23·3 | +8 | SW | 2 | c | 61 | 54 | 9 | 8 | 6 | 1 | 5 | 2 | 5 | 25 | 40 |
| 13B | Stornoway ... | 21·0 | +10 | W | 4 | c | 59 | 45 | 8 | 2 | 7 | 1 | 6 | 4 | 5 | 18 | 25 |
| | Cape Wrath | 18·1 | +10 | W | 6 | c | 54 | 45 | 7 | 2 | 4 | 1 | 5 | 6 | 0 | - | - |
| 15 | Dalwhinnie | 21·5 | +4 | WNW | 4 | bc/pr | 55 | 49 | 7 | 5 | - | 1 | 5 | 6 | 5 | 25 | - |
| | Aberdeen ... | 20·5 | +10 | NW'W | 3 | c | 66 | 48 | 9 | 8 | - | - | 6 | 4 | 4 | - | 57 |
| | Fraserburgh | 19·3 | +2 | WNW | 5 | bc | 60 | 46 | 9 | 2 | - | - | 3 | 3 | 3 | 30 | 57 |
| | Alness ... | 20·6 | +4 | NW | 5 | bc | 62 | 41 | 9 | 2 | 6 | - | 3 | 3 | 1 | 30 | - |
| | Wick ... | 19·3 | +12 | WSW | 4 | bc | 59 | 40 | 8 | 8 | - | - | 3 | 2 | 1 | 15 | 40 |
| 16 | Hatston ... | 17·9 | +12 | WNW | 6 | c-bc/pr | 55 | 47 | 8 | 8 | - | - | 5 | 4 | 4 | 20 | 40 |
| | Sumburgh ... | 14·7 | +2 | W | 7 | bc | 54 | 43 | 9 | 2 | - | 3 | 7 | 2 | 1 | 20 | - |
| | Sullom Voe | 15·7 | +22 | WNW | 6 | PR | 51 | 47 | 8 | 9 | - | - | 7 | 4 | 7 | 10 | 25 |
| 17 | Blacksod Point | 25·7 | +8 | SW'W | 2 | bc | 64 | 52 | 8 | 8 | - | - | 5 | 3 | - | 25 | - |
| 18 | Malin Head | 24·1 | +6 | NW | 3 | bc | 61 | 53 | 8 | 8 | 5 | - | 7 | 5 | 1 | 2 | - |
| | Aldergrove | 25·3 | +4 | WNW | 2 | c/pr | 58 | 55 | 9 | 8 | 1 | - | 7 | 3 | 7 | 30 | 40 |
| | Cas. Archdale | 25·5 | +2 | NW'W | 3 | c/pr | 60 | 50 | 9 | 8 | 7 | - | 7 | 3 | 5 | 18 | 25 |
| 19 | Birr Castle ... | 25·1 | 0 | W | 1 | c | 65 | 56 | 8 | 4 | 1 | - | 5 | 5 | 1 | 25 | - |
| | Collinstown | 25·0 | −2 | WNW | 3 | c | 63 | 52 | 9 | 8 | 3 | - | 5 | 2 | 2 | 14 | 8 |
| 20 | Foynes ... | 25·3 | −2 | WNW | 2 | bc | 65 | 49 | 9 | 8 | 3 | - | 4 | 4 | 1 | 40 | - |
| | Valentia ... | 24·2 | +2 | W | 5 | bc | 64 | 56 | 9 | 2 | - | - | 4 | 4 | - | 40 | - |
| | Roches Point | 25·7 | 0 | SSE | 2 | bc | 64 | 59 | 8 | 2 | - | - | 3 | 3 | - | 25 | - |

## OBSERVATIONS at 18h. G.M.T. 13th August

| Stations. | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force. (20) | Weather. (21) | Temp. °F. (22) | Dew Point. °F. (23) | Visibility. 0-9 (24) | Cloud. Form. Low. (25) | Cloud. Form. Med. (26) | Cloud. Form. High. (27) | Cloud. Amount. Total. 0-9 (28) | Cloud. Amount. Low. A. 0-9 (29) | Cloud. Amount. Low. B. 0-9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0-9 (33) | Sea. 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 21·9 | −2 | NNE | 2 | bc | 75 | 43 | 8 | 8 | - | 6 | 4 | 3 | 1 | 28 | - | 0 | * |
| Croydon ... | 21·7 | −2 | N'W | 2 | bc | 74 | 45 | 8 | 2 | - | 1 | 2 | 2 | - | 30 | - | 0 | * |
| Boscombe Down | 22·1 | −2 | N | 2 | 5 | 73 | 45 | 8 | 1 | - | 4 | 3 | 1 | - | - | - | 0 | * |
| Thorney Island | 21·3 | −2 | NE | 2 | 20 | 75 | 52 | 6 | 1 | 4 | 1 | 2 | 2 | - | - | - | 0 | * |
| Friston ... | | | | | | | | | | | | | | | | | | |
| Lympne ... | 22·1 | +2 | NE | 2 | bc | 68 | 60 | 8 | 5 | - | - | 4 | 4 | - | 28 | - | 0 | § |
| Manston ... | 22·2 | +2 | NE'E | 3 | 5 | 65 | 55 | 8 | 5 | - | - | 4 | 3 | 0 | - | - | 0 | * |
| North Weald | 22·9 | 0 | ESE | 4 | bc | 69 | 52 | 8 | 2 | 3 | 1 | 4 | 3 | 3 | 45 | - | 0 | * |
| Felixstowe ... | 22·9 | +2 | NE | 4 | bc | 66 | 53 | 8 | 1 | - | - | 3 | 3 | 1 | 30 | - | 00 | 3 |
| Gorleston ... | 23·3 | −6 | NNE | 3 | 5 | 64 | 56 | 7 | 1 | - | - | 3 | 3 | 0 | - | - | 00 | 2 |
| Mildenhall | 22·3 | −2 | E | 2 | bc | 71 | 49 | 8 | 7 | - | - | 3 | 1 | 2 | 35 | 40 | 0 | * |
| Bircham Newton | 22·7 | −2 | ENE | 2 | bc | 67 | 48 | 8 | 4 | 6 | 2 | 4 | 4 | 2 | 30 | - | 0 | * |
| Cranwell ... | 22·6 | +2 | NW'N | 2 | c | 68 | 53 | 7 | 8 | - | 1 | 4 | 4 | 1 | 45 | - | 0 | * |
| Cranfield ... | 22·4 | +2 | WNW | 3 | bc | 71 | 44 | 8 | 4 | - | 1 | 4 | 1 | - | 60 | - | 0 | * |
| Honiley ... | 23·0 | 0 | N | 3 | bc | 68 | 49 | 7 | 4 | - | - | 4 | 4 | - | 30 | - | 0 | * |
| Little Rissington | 22·0 | −2 | NNE | 2 | c | 69 | 47 | 8 | 5 | - | 2 | 5 | 4 | 1 | 40 | - | 0 | * |
| Shobden ... | 23·5 | +4 | NNW | 3 | bc | 66 | 49 | 8 | 8 | - | 9 | 5 | 4 | 1 | 50 | - | 0 | * |
| Bristol ... | 24·0 | +8 | WNW | 2 | bc | 70 | 54 | 8 | 4 | - | 6 | 3 | 1 | 3 | 50 | - | 0 | * |
| Chivenor ... | 23·8 | 0 | N·W | 3 | bc | 67 | 54 | 9 | 5 | - | 5 | 2 | 1 | - | 65 | - | 0 | * |
| Yeovilton | 22·8 | −2 | NW | 3 | bc | 70 | 52 | 8 | 7 | - | - | 1 | - | - | - | - | 0 | * |
| Portland Bill | 22·0 | −2 | NW | 3 | bc | 66 | 59 | 8 | 1 | - | - | 4 | 4 | - | 50 | - | 1 | 3 |
| Exeter ... | 23·0 | −4 | NNE | 3 | bc | 71 | 52 | 9 | 1 | - | - | 3 | 3 | - | 85 | - | 0 | * |
| Plymouth ... | 23·3 | −6 | SSW | 2 | bc | 65 | 54 | 8 | 1 | - | - | 2 | 2 | - | - | - | 0 | 2 |
| St. Eval ... | 23·8 | −4 | NNE | 5 | bc | 65 | 56 | 8 | 1 | 4 | - | 2 | 1 | 2 | 20 | - | 0 | 0 |
| The Lizard | 23·4 | −6 | N | 2 | bc | 69 | 62 | 8 | 7 | 1 | - | 3 | 3 | 1 | 30 | - | 3 | * |
| Scilly, St. Marys | 24·4 | −6 | NNE | 2 | bc | 65 | 54 | 8 | 1 | 3 | - | 2 | 1 | 2 | 28 | - | 0 | 2 |
| Fairwood ... | 23·8 | −2 | NW | 3 | bc | 66 | 56 | 8 | 1 | 5 | - | 3 | 1 | 3 | 30 | - | 0 | * |
| Pembroke ... | 24·8 | 0 | N'E | 3 | bc | 65 | 47 | 8 | 1 | 4 | 2 | 3 | - | 2 | - | - | 0 | 2 |
| Aberporth ... | 24·9 | 0 | N | 2 | bc | 61 | 51 | 9 | 1 | 4 | 6 | 3 | 1 | 4 | 25 | - | 0 | 2 |
| Penrhos ... | 24·8 | 0 | NW | 3 | bc | 64 | 44 | 9 | 2 | - | 5 | 2 | 1 | 2 | 40 | - | | 2 |
| Holyhead, Valley | 25·5 | 0 | NNW | 1 | bc | 64 | 44 | 9 | 1 | 6 | 1 | 2 | 1 | 2 | 40 | - | 0 | 1 |
| Hawarden ... | 24·5 | 0 | WNW | 4 | bc | 63 | 46 | 9 | 4 | 1 | 1 | 3 | 1 | 1 | 30 | - | 0 | * |
| Manchester | 24·0 | +4 | NNW | 3 | bc | 63 | 46 | 8 | 1 | 4 | 1 | 3 | 2 | 2 | 35 | 40 | 0 | * |
| Squires Gate | 24·6 | −2 | NW | 4 | bc | 63 | 53 | 8 | 1 | 3 | 8 | 3 | 5 | 5 | 25 | - | 0 | * |
| Silloth ... | 24·1 | +2 | NNW | 2 | c | 62 | 48 | 9 | 8 | 3 | - | 5 | 4 | 5 | 90 | - | 0 | * |
| Ashbourne ... | 23·9 | +2 | NW | 3 | bc | 63 | 47 | 9 | 7 | 3 | - | 4 | 1 | 4 | 30 | - | 0 | 0 |
| Snaith ... | 23·8 | +2 | NNW | 3 | bc | 68 | 48 | 8 | 7 | 1 | - | 4 | 1 | 4 | 28 | 40 | 0 | * |
| Spurn Head | 23·5 | 0 | E | 3 | c | 61 | 53 | 7 | 7 | 1 | - | - | 7 | 3 | - | - | 0 | * |
| Catterick (Sc.) | 23·2 | 0 | WNW | 3 | bc | 65 | 53 | 8 | 7 | 1 | 2 | 4 | 3 | 3 | 30 | 57 | 0 | 0 |
| Tynemouth | 24·8 | +4 | W | 2 | bc | 65 | 56 | 7 | 2 | 3 | - | 4 | 3 | 3 | 24 | - | 0 | * |
| Acklington | 22·7 | +2 | W | 3 | c | 63 | 50 | 8 | 2 | 3 | - | 6 | 2 | 6 | 25 | - | 0 | 0 |
| St. Abb's Head | 22·5 | +10 | WNW | 3 | c | 62 | 46 | 9 | 7 | 1 | - | 5 | 3 | 4 | 25 | - | 0 | * |
| Leuchars ... | 22·1 | +8 | NW | 3 | c | 64 | 47 | 8 | 8 | 6 | - | 5 | 5 | 1 | 30 | - | 0 | * |
| Montrose ... | 22·9 | +8 | E | 2 | c-bc/pr | 57 | 53 | 9 | 8 | 1 | - | 4 | 4 | - | 35 | - | 1 | * |
| Abbotsinch | 23·7 | +8 | NW | 3 | bc | 62 | 51 | 9 | 8 | 1 | - | 4 | 4 | - | 35 | - | 1 | * |
| Prestwick ... | 24·4 | +2 | NW'W | 4 | bc | 62 | 48 | 8 | 8 | 6 | - | 3 | 1 | 2 | 25 | 57 | 0 | * |
| West Freugh | 24·8 | +2 | NW | 3 | bc | 60 | 52 | 9 | 8 | 8 | - | 3 | 3 | 2 | 30 | - | 0 | * |
| Eskdalemuir | 23·9 | +4 | WNW | 3 | c | 59 | 48 | 9 | 8 | 3 | - | 5 | 2 | 3 | 22 | - | 0 | * |
| Jurby, I. of Man | 25·3 | +2 | NW | 3 | bc | 62 | 48 | 9 | 7 | 3 | - | 5 | 1 | 4 | 25 | 72 | 0 | * |
| Machrihanish | 24·9 | +8 | N·W | 3 | bc | 60 | 55 | 8 | 7 | 8 | 7 | 3 | 1 | 2 | 10 | 25 | 0 | 2 |
| Tiree ... | 24·9 | +4 | NW | 2 | c | 58 | 53 | 9 | 7 | 8 | 2 | 3 | 2 | 3 | 25 | 40 | 0 | 1 |
| Oban ... | 24·7 | +2 | WNW | 3 | c | 58 | 51 | 9 | 8 | 6 | 2 | 5 | 1 | 5 | 25 | 40 | 1 | 2 |
| Stornoway ... | 23·2 | +12 | W | 4 | bc | 58 | 44 | 9 | 2 | - | 4 | 4 | 3 | 3 | 30 | - | 0 | 3 |
| Cape Wrath | 21·6 | +6 | W | 5 | bc | 55 | 46 | 9 | 2 | 6 | - | 4 | - | 0 | - | - | 0 | 4 |
| Dalwhinnie | 23·0 | +4 | NW | 3 | c | 54 | 45 | 8 | 8 | - | 5 | 5 | 4 | 5 | 25 | - | 1 | * |
| Aberdeen ... | 22·3 | +18 | NW'N | 3 | bc | 62 | 44 | 9 | 8 | - | 3 | 3 | 1 | 3 | - | 40 | 0 | 3 |
| Fraserburgh | 22·1 | +12 | NW'N | 4 | bc | 57 | 47 | 9 | 8 | - | - | 4 | 4 | - | 25 | - | 0 | 0 |
| Alness ... | 22·7 | +12 | WNW | 4 | bc | 59 | 43 | 9 | 2 | 6 | - | 3 | 3 | 1 | 30 | - | 0 | * |
| Wick ... | 21·7 | +12 | WNW | 4 | bc | 55 | 44 | 9 | 8 | 6 | - | 4 | 3 | 4 | 8 | 25 | 0 | * |
| Hatston ... | 20·6 | +12 | WNW | 5 | pr-bc/pr | 54 | 47 | 8 | 3 | 3 | - | 6 | 4 | 4 | 10 | 25 | * | * |
| Sumburgh ... | 18·3 | +20 | NW'W | 4 | c-bc/pr | 52 | 46 | 9 | 2 | - | - | 5 | 5 | - | 18 | - | 1 | 4 |
| Sullom Voe | 17·5 | +16 | NW | 5 | c | 52 | 44 | 8 | 8 | 6 | - | 6 | 4 | 6 | 20 | 25 | 0 | * |
| Blacksod Point | 25·3 | −2 | NW'W | 2 | c | 61 | 49 | 8 | 5 | - | - | 7 | 3 | - | 40 | - | 0 | 2 |
| Malin Head | 25·0 | +6 | NW'N | 3 | bc | 60 | 52 | 8 | 2 | - | - | 4 | 3 | - | 25 | - | 1 | 3 |
| Aldergrove | 25·4 | +2 | N | 1 | bc | 63 | 52 | 9 | 8 | 7 | - | 4 | 2 | 4 | 28 | 57 | 0 | * |
| Cas. Archdale | 25·6 | +2 | WNW | 2 | bc | 63 | 48 | 8 | 1 | 7 | 5 | 3 | 2 | 3 | 25 | - | 0 | * |
| Birr Castle ... | 24·7 | −4 | N | 1 | bc | 58 | 51 | 8 | 4 | - | 3 | 4 | 4 | - | 25 | - | 0 | * |
| Collinstown | 25·2 | +2 | SE | 2 | c | 60 | 48 | 9 | 8 | 6 | 4 | 6 | 5 | - | 40 | - | 0 | * |
| Foynes ... | 24·6 | +2 | NE | 2 | b | 67 | 50 | 9 | 1 | 3 | 1 | 2 | 1 | - | 40 | - | 0 | 2 |
| Valentia ... | 25·3 | +2 | WNW | 2 | b | 63 | 53 | 9 | 1 | - | 1 | 2 | 2 | - | 40 | - | 0 | 2 |
| Roches Point | 25·3 | −2 | S | 2 | bc | 66 | 51 | 8 | 1 | - | 6 | 3 | 2 | - | 40 | - | 1 | 3 |

## PAST 24 HOURS

| Stations. | Weather. 06h.–12h. 13th. (41) | Weather. 12h.–18h. 13th. (42) | Weather. 18h. 13th to 00h. 14th (43) | Weather. 00h.–06h. 14th. (44) |
|---|---|---|---|---|
| Kew ... | cay | cbcy | bcybzw | bmow |
| Croydon ... | czay | by | bcb | bmow |
| Boscombe Down | bcy | bcyby | byb | b |
| Thorney Island | bzoby | byby zo | b | bbmo |
| Friston ... | | | | |
| Lympne ... | ofebczo | bcb | bcb | bw |
| Manston ... | cmo | cmbczo | bbcb | bz |
| North Weald | czobcy | bcy | bcybcbmo | bmbcmfqmo |
| Felixstowe ... | c | cbcb | bw | bw |
| Gorleston ... | c | bcb | b | bcmo |
| Mildenhall | cmoccy | cybcy | bybcb | bbccf |
| Bircham Newton | cbc | bc | bcyb | bc |
| Cranwell ... | ccybcy | bcy | bcbcmo | bcmcmo |
| Cranfield ... | cybcy | bcyby | byb | bbmo |
| Honiley ... | ccybcy | bcyczo | bbcb | bbccmo |
| Little Rissington | cbc | bcybybcy | bcyb | bbcmo |
| Shobden ... | cbcc | cbc | bcyb | bbcbc |
| Bristol ... | bcby | byrby | b | bbw |
| Chivenor ... | bcwby | bcb | byb | bbw |
| Yeovilton | bc | bb | b | bbcc |
| Portland Bill | bc | bc | bc | bc |
| Exeter ... | bcy | by | cy | b |
| Plymouth ... | bcb | b | b | bc |
| St. Eval ... | bwbby | b | bvb | bcb |
| The Lizard | bc | c | bc | bcbb |
| Scilly, St. Marys | bc | bcb | c | bbcc |
| Fairwood ... | bcjfbbcy | bcys | bybcb | b |
| Pembroke ... | bc | bcy | b | bc |
| Aberporth ... | cbcb | mbbc | * | b |
| Penrhos ... | cbcbcy | bcbyv | bvbbc | bwcbwbcw |
| Holyhead, Valley | bcy | buv | byrbw | bwfq |
| Hawarden ... | c | bcy | bcb | bcmbcm |
| Manchester | czoc | bczocbcy | bybmo | bmbcmmw |
| Squires Gate | cprobc | bcbc | bccb | bbcmo |
| Silloth ... | bcwbcc | cbc | bcyv | bccv |
| Ashbourne ... | cczobcy | czoybczo | bcb | bcbbc |
| Snaith ... | cmbcc | cybc | bcyb | bcbcmo |
| Spurn Head | c | c | c | cz |
| Catterick (Sc.) | c | cbcy | bcb | bbcwc |
| Tynemouth | bc | bc | bc | bcc |
| Acklington | bbccy | cybcyc | abcb | bbcc |
| St. Abb's Head | bbc | bcc | bcb | bbcc |
| Leuchars ... | bbcycy | cy | bcybc | bcwc |
| Montrose ... | bbcy | bcycprbc | bcjpbcb | bbcwcw |
| Abbotsinch | cbcprc | cprobcy | bc | cprbc |
| Prestwick ... | cbc | cprobc | bcbw | cbccw |
| West Freugh | bcwcbcc | bccbc | bcbbcbw | bcc |
| Eskdalemuir | bcwcbc | cbcc | cb | bbcw |
| Jurby, I. of Man | cwbc | cbc | bcb | bcbc |
| Machrihanish | prcbc | bccbc | bcc | c |
| Tiree ... | ccprcc | cbc | cbcbw | bwbwcwcw |
| Oban ... | cprcc | cporvc | cbcc | c |
| Stornoway ... | bcc | cprobcyc | bcybccbc | bcbw |
| Cape Wrath | | bc | cbc | c |
| Dalwhinnie | cbcporc | cbcprc | * | cbc |
| Aberdeen ... | | bccbcy | bcybrw | brw |
| Fraserburgh | bcb | bcbybc | bcb | bcc |
| Alness ... | bccprbcbcy | bcybcy | bcybcy | bbcwbc |
| Wick ... | cbcy | bcybc | cbc | bbc |
| Hatston ... | pcp | prcbcpr | prcbccb | cprbc |
| Sumburgh ... | cppb | cprbc | cprbcb | bbcprorc |
| Sullom Voe | cpr | cproc | cpro | c |
| Blacksod Point | c | c | c | c |
| Malin Head | bc | bc | c | c |
| Aldergrove | cbcwbcpr | ccycbc | bbc | bwcw |
| Cas. Archdale | cpro | cbcyr | bcycrc | cw |
| Birr Castle ... | c | bc | | b |
| Collinstown | bc | c | b | b |
| Foynes ... | r | bc | b | b |
| Valentia ... | bc | b | b | b |
| Roches Point | pc | bc | b | b |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 1/2; 5 = 3/10; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

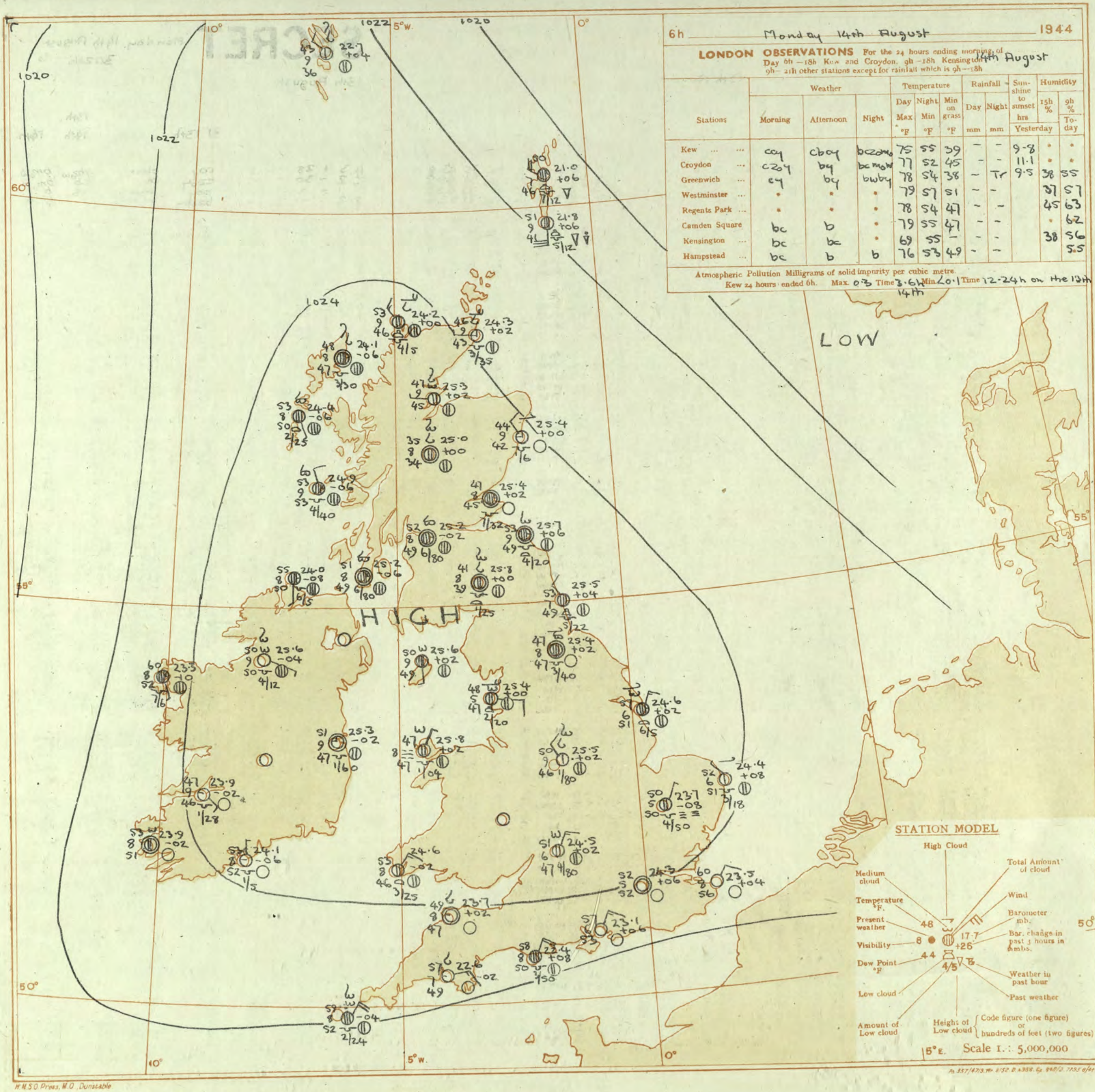
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Monday 14th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 14th August
Day 6h – 18h Kew and Croydon. 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs (Yesterday) | Humidity 15h % (Yesterday) | Humidity 9h % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | cay | cbay | bczay | 75 | 55 | 39 | – | – | 9·8 | • | • |
| Croydon ... | czay | bay | bcmbw | 77 | 52 | 45 | – | – | 11·1 | • | • |
| Greenwich ... | cy | by | bwby | 78 | 54 | 38 | – | Tr | 9·5 | 38 | 55 |
| Westminster ... | • | • | • | 79 | 57 | 51 | – | – | | 37 | 57 |
| Regents Park ... | • | • | • | 78 | 54 | 47 | – | – | | 45 | 63 |
| Camden Square | bc | b | • | 79 | 55 | 47 | – | – | | • | 62 |
| Kensington ... | bc | bc | • | 69 | 55 | – | – | – | | 38 | 56 |
| Hampstead ... | bc | b | b | 76 | 53 | 49 | – | – | | | 55 |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·3 Time 3·6h 14th Min <0·1 Time 12-24h on the 13th



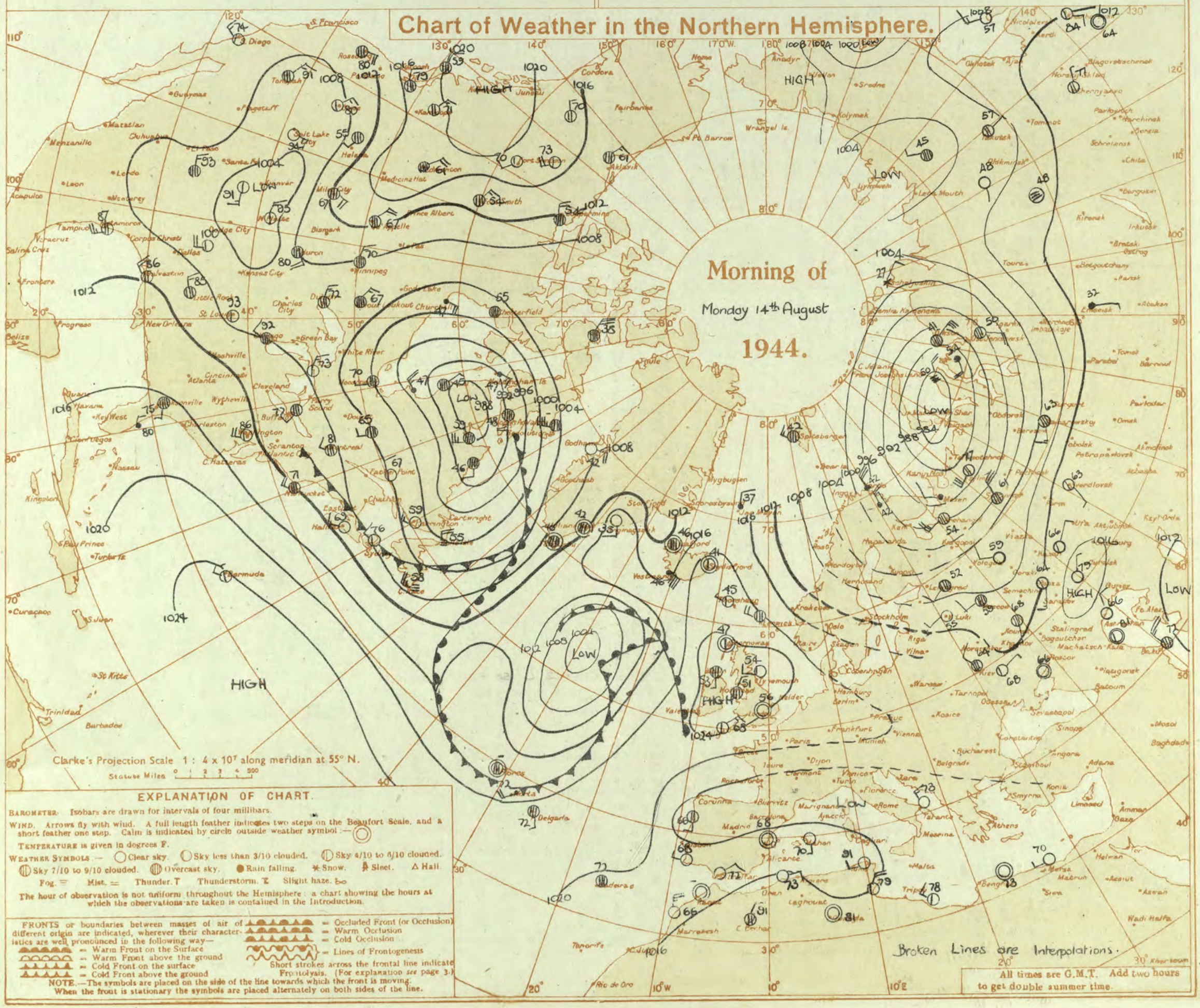

H.M.S.O. Press, M.O., Dunstable

## GENERAL INFERENCE

An anticyclone centred in the Irish Sea is moving slowly eastnortheast but is expected to turn east. Weather will be fair or fine in most areas with good clear areas during evening and night in the South; local rain may occur in Northwest Scotland late in the period; it will be warm in the South but rather cool in the North.

## FURTHER OUTLOOK

Mainly fair or fine and warm but risk of local thundery rain in extreme Southwest England later.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere : a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- = Warm Front on the Surface
- = Warm Front above the ground
- = Cold Front on the surface
- = Cold Front above the ground
- = Occluded Front (or Occlusion)
- = Warm Occlusion
- = Cold Occlusion
- = Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Monday 14th August 1944

No. 39216.

## OBSERVATIONS at 00hr. G.M.T. 14th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force (4) | Weather. (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud. Form. Low. (9) | Cloud. Form. Med. (10) | Cloud. Form. High. (11) | Cloud. Amount. Total. 0–9 (12) | Cloud. Amount. Low. A. 0–9 (13) | Cloud. Amount. Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | * | * | * | * | 60 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 24·0 | +2 | - | 0 | b | 66 | 52 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Boscombe Down | 417 | 23·7 | +6 | N | 2 | b | 55 | 49 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Thorney Island | 10 | 22·6 | +6 | NE'E | 2 | b | 60 | 57 | 7 | - | - | 5 | 1 | 1 | - | - | - |
| | Friston | – | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 23·1 | -2 | NE | 2 | b | 57 | 53 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Manston | 140 | 23·1 | +4 | NE'E | 2 | b | 59 | 55 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| 2 | North Weald | 244 | 24·9 | +6 | - | 0 | $z_0$ | 50 | 49 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Felixstowe | 10 | 23·4 | -2 | N | 1 | b | 56 | 53 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Gorleston | 5 | 23·9 | +2 | NE | 1 | b | 61 | 55 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Mildenhall | 15 | 24·0 | +4 | E | 2 | b-bc | 51 | 48 | 8 | 5 | - | - | 3 | 3 | - | 40 | - |
| | Bircham Newton | 221 | 23·0 | +2 | SSE | 2 | b | 54 | 52 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Cranwell | 203 | 24·1 | +2 | NNW | 1 | $z_0$ | 57 | 49 | 6 | 5 | 3 | - | 5 | 4 | 3 | 35 | - |
| 3 | Cranfield | 340 | 24·2 | +6 | NNW | 2 | b | 57 | 49 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Honiley | 427 | 24·8 | 0 | NW | 3 | b-bc | 54 | 46 | 7 | 5 | - | - | 3 | 3 | - | 30 | - |
| 4 | Little Rissington | 731 | 24·5 | +8 | NNE | 2 | b | 54 | 44 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Shobden | 318 | 26·0 | +8 | WNW | 2 | b | 51 | 41 | 8 | - | 4 | - | 2 | 1 | - | - | - |
| 5 | Bristol | 209 | 25·0 | +14 | N | 1 | b | 56 | 45 | 7 | - | - | 2 | 1 | 1 | - | - | - |
| | Chivenor | 20 | 24·3 | +2 | - | 0 | b | 56 | 53 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Yeovilton | 50 | 23·6 | +4 | N | 2 | b | 55 | 49 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Portland Bill | 32 | 22·2 | 0 | N | 4 | bc | 60 | 53 | 8 | 2 | - | - | 4 | 4 | - | 50 | - |
| | Exeter | 100 | 23·9 | 0 | N | 1 | b | 57 | 52 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Plymouth | 86 | 23·6 | -6 | N'E | 1 | b | 58 | 52 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | St. Eval | 345 | 24·2 | -6 | NE | 3 | b | 56 | 52 | 9 | - | - | - | 0 | 0 | 0 | - | - |
| | The Lizard | 240 | 23·1 | -2 | NNE | 4 | b-bc | 58 | 52 | 7 | 4 | - | - | 8 | 3 | - | 30 | - |
| | Scilly, St. Marys | 163 | 24·0 | -6 | NE | 3 | b | 58 | 54 | 8 | 7 | - | - | 2 | 2 | - | 25 | - |
| 6 | Fairwood | 268 | 24·7 | -2 | NNE | 2 | b | 52 | 46 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Pembroke | 142 | 25·5 | 0 | N | 3 | b | 54 | 50 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 25·5 | +4 | W | 1 | bc | 53 | 47 | 7 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Holyhead, Valley | 32 | 27·6 | +4 | NNE | 1 | c-bc | 51 | 47 | 7 | - | - | 2 | 5 | 5 | - | - | - |
| | Hawarden | 15 | 25·9 | -4 | NNE | 1 | b | 46 | 45 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 8 | Manchester | 230 | 25·1 | -4 | SSW | 1 | b | 50 | 48 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Squires Gate | 30 | 25·6 | +4 | NE | 1 | b | 58 | 53 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Silloth | 25 | 25·5 | +4 | NW | 1 | b-bc | 57 | 50 | 9 | 5 | - | - | 3 | 3 | - | 65 | - |
| 9 | Ashbourne | 590 | 25·8 | +10 | NW | 1 | b-bc | 51 | 50 | 8 | 5 | - | 1 | 3 | 3 | 3 | 35 | - |
| | Snaith | 30 | 24·9 | +4 | NNW | 2 | b | 50 | 47 | 8 | 5 | - | - | 2 | 2 | - | 30 | - |
| 10 | Spurn Head | 29 | 24·3 | +2 | S'W | 1 | c | 60 | 56 | 7 | 7 | - | - | 7 | 7 | - | 25 | - |
| | Catterick (Sc.) | 195 | 25·0 | +2 | - | 0 | b-bc | 49 | 48 | 8 | 5 | - | - | 3 | 3 | - | 40 | - |
| | Tynemouth | 108 | 25·1 | 0 | W | 2 | b-bc | 54 | 48 | 7 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Acklington | 138 | 24·3 | +4 | W | 2 | b | 49 | 46 | 8 | 5 | 4 | - | 2 | 2 | 1 | 20 | - |
| 11 | St. Abb's Head | 280 | 24·6 | +8 | - | 0 | b | 56 | 50 | 8 | 4 | - | - | 2 | 2 | - | 20 | - |
| | Leuchars | 31 | 24·7 | +8 | - | 0 | bc | 51 | 49 | 8 | 4 | - | - | 4 | 4 | - | 35 | - |
| | Montrose | 22 | 25·8 | +10 | - | 0 | b | 50 | 48 | 8 | 5 | - | - | 2 | 2 | - | 30 | - |
| 12 | Abbotsinch | 19 | 25·1 | +6 | W | 2 | b-bc | 52 | 47 | 8 | 5 | - | - | 3 | 3 | - | 30 | - |
| | Prestwick | 30 | 25·8 | +2 | - | 0 | b | 52 | 48 | 7 | 5 | - | - | 2 | 2 | - | 30 | - |
| | West Freugh | 53 | 25·6 | -2 | NW | 1 | bc | 53 | 51 | 8 | 5 | - | - | 4 | 1 | 4 | 30 | 40 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 26·2 | +2 | W'S | 2 | b-bc | 51 | 47 | 9 | 5 | 7 | - | 3 | 1 | 3 | 25 | - |
| 13A | Machrihanish | 35 | 26·1 | +4 | - | 0 | c-bc | 51 | 49 | 8 | - | 7 | - | 5 | 5 | - | 80 | - |
| | Tiree | 44 | 25·9 | +4 | NNW | 1 | bc | 50 | 50 | 8 | 5 | - | - | 4 | 4 | - | 40 | - |
| | Oban | 74 | 25·9 | +4 | - | 0 | c | 53 | 50 | 9 | - | - | 7 | 6 | - | 6 | - | - |
| 13B | Stornoway | 12 | 24·6 | +6 | - | 0 | b-bc | 47 | 45 | 8 | 1 | 4 | - | 3 | 2 | 3 | 30 | - |
| | Cape Wrath | 367 | 23·8 | +2 | WNW | 4 | bc | 53 | 45 | 9 | 8 | - | - | 4 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 24·9 | +14 | WSW | 3 | b | 48 | 43 | 8 | - | 4 | - | 1 | - | 1 | - | - |
| | Fraserburgh | 76 | 24·0 | +6 | NW'W | 4 | b-bc | 54 | 46 | 8 | 5 | 4 | - | 3 | 2 | 2 | 30 | - |
| | Alness | 63 | 25·4 | +10 | - | 0 | b-bc | 45 | 43 | 9 | 4 | - | 1 | 3 | 1 | 3 | 35 | - |
| | Wick | 114 | 23·8 | +8 | W | 2 | b-bc | 45 | 43 | 8 | 5 | - | - | 3 | 3 | - | 20 | - |
| 16 | Hatston | 45 | 22·8 | +8 | W | 3 | bc | 48 | 44 | 7 | 2 | - | - | 4 | 3 | 4 | 30 | 40 |
| | Sumburgh | 15 | 20·8 | +12 | NW'W | 5 | b-bc | 50 | 42 | 8 | 5 | - | - | 3 | 3 | - | 16 | - |
| | Sullom Voe | 12 | 20·0 | +14 | WNW | 4 | c | 51 | 42 | 8 | 8 | - | - | 6 | 5 | - | 18 | - |
| 17 | Blacksod Point | 18 | 25·4 | -4 | SE'E | 1 | c | 60 | 55 | 8 | 5 | - | - | 8 | 8 | - | 25 | - |
| 18 | Malin Head | 84 | 25·7 | +2 | SSW | 1 | c | 53 | 48 | 8 | 5 | - | - | 6 | 6 | - | 25 | - |
| | Aldergrove | 294 | 26·3 | 0 | - | 0 | bc | 51 | 49 | 8 | 5 | 3 | - | 4 | 3 | 4 | 40 | - |
| | Cas. Archdale | 240 | 26·2 | -2 | ENE | 1 | c | 55 | 51 | 8 | 5 | 3 | - | 7 | 4 | 7 | 37 | - |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 26·2 | +2 | - | 0 | b-bc | 53 | 48 | 9 | - | 3 | - | 3 | - | - | - | - |
| 20 | Foynes | 3 | 24·9 | -4 | - | 0 | b | 54 | 49 | 9 | 5 | - | - | 1 | 1 | - | 45 | - |
| | Valentia | 30 | 25·5 | -2 | ENE | 1 | b | 54 | 52 | 8 | 5 | - | - | 1 | 1 | - | 45 | - |
| | Roches Point | 22 | 25·6 | 0 | N | 2 | b | 56 | 56 | 8 | 5 | - | - | 1 | 1 | - | 25 | - |

## OBSERVATIONS at 06hr. G.M.T. 14th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force. (20) | Weather. (21) | Temp. °F. (22) | Dew Point. °F. (23) | Visibility. 0–9 (24) | Cloud. Form. Low. (25) | Cloud. Form. Med. (26) | Cloud. Form. High. (27) | Cloud. Amount. Total. 0–9 (28) | Cloud. Amount. Low. A. 0–9 (29) | Cloud. Amount. Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 23·9 | +6 | - | 0 | $z_0$ | 57 | 53 | 5 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Croydon | 24·3 | +6 | - | 0 | $z_0$ | 52 | 52 | 5 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Boscombe Down | 23·9 | +4 | N'E | 2 | b | 53 | 46 | 7 | 5 | - | - | 1 | 1 | - | 25 | - | 0 | * |
| Thorney Island | 23·1 | +6 | NNE | 3 | $z_0$ | 57 | 53 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 23·0 | +2 | NNE | 2 | b | 58 | 54 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | § |
| Manston | 23·5 | +4 | NE | 2 | b | 60 | 50 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| North Weald | 25·4 | +4 | - | 0 | $z_0$ | 51 | 49 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Felixstowe | 23·8 | +6 | N'E | 2 | b | 52 | 50 | 7 | - | - | - | 0 | 0 | 0 | - | - | 0 | 1 |
| Gorleston | 24·4 | +8 | NNW | 1 | $z_0$ | 52 | 51 | 6 | 5 | - | 1 | 3 | 3 | - | 18 | - | 0 | 2 |
| Mildenhall | 23·7 | -8 | NE | 1 | b/f | 50 | 50 | 5 | 5 | - | - | 4 | 4 | - | 50 | - | 0 | * |
| Bircham Newton | 24·9 | +6 | NNE | 1 | fg | 55 | 53 | 8 | 5 | - | - | 6 | 6 | - | 45 | - | 0 | * |
| Cranwell | 24·6 | +6 | NW | 1 | $z_0$ | 51 | 49 | 5 | 5 | - | - | 5 | 5 | - | 50 | - | 0 | * |
| Cranfield | 24·7 | +6 | NNE | 1 | $z_0$ | 52 | 48 | 6 | - | - | - | 5 | 5 | - | 50 | - | 0 | * |
| Honiley | 24·9 | 0 | N | 3 | $z_0$ | 51 | 49 | 5 | 5 | - | 1 | 7 | 6 | 1 | 30 | - | 0 | * |
| Little Rissington | 24·5 | +2 | NNE | 3 | $z_0$ | 51 | 47 | 6 | - | 3 | - | 4 | 4 | - | 100 | - | 0 | * |
| Shobden | 25·8 | +2 | WNW | 1 | bc | 49 | 46 | 8 | 5 | 4 | - | 4 | 4 | 4 | 35 | 57 | 0 | * |
| Bristol | 25·1 | +6 | NNW | 1 | b | 50 | 45 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Chivenor | 23·7 | +2 | - | 0 | b | 49 | 47 | 8 | - | 4 | - | 1 | 1 | - | - | - | 0 | * |
| Yeovilton | 24·1 | +6 | NNE | 1 | bc | 55 | 47 | 8 | 5 | 3 | - | 4 | 4 | 2 | 35 | - | 0 | * |
| Portland Bill | 22·4 | +8 | NE | 4 | c | 58 | 50 | 8 | 2 | 5 | - | 8 | 8 | - | 50 | - | 1 | 3 |
| Exeter | 23·7 | +4 | NNE | 1 | b-bc | 53 | 47 | 7 | - | 3 | - | 3 | 3 | - | 50 | - | 0 | * |
| Plymouth | 22·6 | -2 | ENE | 3 | b | 57 | 49 | 7 | - | 4 | - | 1 | 1 | - | - | - | 0 | 1 |
| St. Eval | 23·3 | -2 | - | 0 | b | 53 | 48 | 8 | - | 7 | - | 2 | 2 | - | - | - | 0 | * |
| The Lizard | 21·8 | -6 | ENE | 2 | bc | 57 | 53 | 8 | 7 | 3 | - | 4 | 4 | 2 | 25 | 57 | 0 | 3 |
| Scilly, St. Marys | 22·6 | -4 | NE'E | 4 | c-bc | 58 | 52 | 8 | 5 | 3 | 9 | 5 | 2 | 4 | 24 | - | 0 | 3 |
| Fairwood | 24·7 | +2 | NNE | 2 | b | 50 | 44 | 7 | - | - | 1 | 2 | 2 | - | - | - | 0 | * |
| Pembroke | 24·6 | -2 | NE'E | 3 | bc | 53 | 46 | 8 | 1 | - | - | 4 | 3 | - | 25 | - | 0 | * |
| Aberporth | 24·9 | -2 | E | 2 | b | 53 | 45 | 9 | - | 3 | - | 2 | 2 | - | 150 | - | 0 | 1 |
| Penrhos | 24·8 | -2 | - | 0 | b | 51 | 47 | 9 | 1 | 4 | 1 | 1 | 1 | 1 | 50 | - | 0 | 1 |
| Holyhead, Valley | 25·3 | +2 | NNE | 1 | if | 47 | 47 | 8 | 5 | 3 | - | 4 | 1 | 4 | 4 | - | 0 | 1 |
| Hawarden | 25·8 | +2 | - | 0 | fg | 44 | 42 | 4 | 5 | 4 | - | 4 | 3 | 4 | 15 | - | 0 | * |
| Manchester | 25·3 | +6 | - | 0 | fg | 47 | 44 | 4 | - | 3 | - | 4 | 4 | - | 100 | - | 0 | * |
| Squires Gate | 25·4 | 0 | E | 2 | $z_0$ | 48 | 47 | 5 | 2 | 3 | 2 | 4 | 2 | 4 | 20 | - | 0 | |
| Silloth | 25·4 | -2 | - | 0 | bc | 49 | 48 | 9 | - | 3 | 9 | 4 | 4 | 2 | - | - | 0 | * |
| Ashbourne | 25·5 | +2 | NNW | 2 | b-bc | 50 | 46 | 9 | - | 4 | 9 | 3 | 1 | 3 | 100 | - | 0 | * |
| Snaith | 25·3 | +2 | WNW | 2 | $z_0$ | 49 | 47 | 6 | 5 | 4 | 2 | 4 | 4 | 3 | 50 | - | 0 | * |
| Spurn Head | 24·6 | +2 | NNE | 3 | $z_0$ | 57 | 51 | 6 | 1 | 3 | 1 | 6 | 4 | 3 | 25 | 72 | 0 | 2 |
| Catterick (Sc.) | 25·4 | +2 | - | 0 | c-bc | 47 | 47 | 8 | 5 | 7 | 1 | 5 | 3 | 5 | 40 | - | 0 | * |
| Tynemouth | 25·5 | +4 | NW | 2 | c-bc | 53 | 49 | 7 | 8 | - | - | 5 | 5 | - | 22 | - | 0 | 2 |
| Acklington | 25·4 | +6 | W | 2 | c | 50 | 49 | 8 | 8 | 7 | - | 7 | 1 | 7 | 25 | - | 0 | * |
| St. Abb's Head | 25·7 | +6 | - | 0 | c | 53 | 49 | 9 | 7 | 5 | - | 6 | 4 | 4 | 20 | - | 0 | 2 |
| Leuchars | 25·4 | +2 | - | 0 | c | 47 | 45 | 8 | 5 | - | - | 7 | 7 | - | 32 | - | 1 | * |
| Montrose | 26·5 | +6 | WSW | 1 | c | 46 | 44 | 6 | 5 | - | - | 6 | 3 | 6 | 20 | 40 | 0 | * |
| Abbotsinch | 25·2 | -2 | - | 0 | c | 52 | 49 | 8 | - | 7 | - | 6 | 6 | - | 100 | - | 1 | * |
| Prestwick | 25·4 | -2 | ESE | 2 | $z_0$ | 49 | 47 | 6 | - | 3 | - | 5 | 5 | - | 80 | - | 0 | * |
| West Freugh | 25·1 | -2 | ESE | 1 | c-bc | 51 | 50 | 9 | 5 | - | - | 5 | 1 | 5 | 2 | 57 | 0 | * |
| Eskdalemuir | 25·8 | 0 | - | 0 | bc | 41 | 39 | 8 | 7 | 4 | 9 | 4 | 1 | 1 | 25 | - | 1 | * |
| Jurby, I. of Man | 25·6 | -2 | S | 1 | c-bc | 50 | 49 | 9 | - | 3 | - | 5 | 5 | - | 150 | - | 0 | * |
| Machrihanish | 25·2 | -6 | - | 0 | c | 51 | 49 | 8 | - | 7 | - | 6 | 6 | - | 100 | - | 0 | 1 |
| Tiree | 24·9 | -6 | NNW | 2 | c | 50 | 53 | 9 | 5 | 7 | - | 7 | 4 | 4 | 40 | - | 1 | 1 |
| Oban | 25·6 | -2 | - | 0 | c | 51 | 49 | 9 | 5 | 3 | 6 | 7 | 1 | 5 | 10 | - | 0 | 1 |
| Stornoway | 24·1 | -6 | - | 0 | c-bc | 48 | 47 | 8 | 5 | 4 | 6 | 5 | 3 | 2 | 30 | - | 0 | 0 |
| Cape Wrath | 24·2 | 0 | NW | 3 | bc | 53 | 46 | 9 | 8 | 4 | 2 | 4 | 4 | - | 25 | - | 0 | 3 |
| Dalwhinnie | 25·0 | 0 | - | 0 | bc | 35 | 34 | 8 | - | 4 | 9 | 4 | 3 | 4 | - | - | 1 | * |
| Aberdeen† | 25·4 | 0 | NW | 2 | b | 44 | 42 | 9 | 5 | - | 5 | 2 | 1 | 2 | 40 | - | 0 | 2 |
| Fraserburgh | 24·5 | +2 | WSW | 2 | c-bc | 48 | 46 | 9 | 5 | 4 | 8 | 5 | 4 | 5 | 25 | 40 | 0 | |
| Alness | 25·3 | +2 | W | 1 | bc | 47 | 45 | 9 | - | 3 | 6 | 4 | 2 | 4 | - | - | 0 | * |
| Wick | 24·3 | +2 | W | 1 | b | 46 | 43 | 9 | 5 | 4 | 2 | 3 | 3 | 4 | 35 | - | 0 | * |
| Hatston | 23·8 | +6 | W | 3 | c-bc | 52 | 47 | 8 | 5 | - | | 5 | 4 | 4 | 30 | 40 | * | * |
| Sumburgh | 21·8 | +6 | S | 6 | c/pr | 51 | 41 | 9 | 8 | - | - | 5 | 5 | - | 12 | - | 0 | 3 |
| Sullom Voe | 21·0 | +6 | W'N | 4 | c | 50 | 46 | 7 | 8 | - | - | 7 | 7 | 1 | 12 | 25 | 0 | * |
| Blacksod Point | 23·3 | 0 | S'E | 1 | c | 61 | 53 | 8 | 5 | - | - | 7 | 7 | - | 40 | - | 0 | 2 |
| Malin Head | 24·0 | -6 | S'E | 1 | c-bc | 55 | 51 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 1 | 1 |
| Aldergrove | 25·3 | -6 | E | 1 | c-bc | 49 | 47 | 7 | 5 | 3 | 9 | 5 | 1 | 4 | 25 | - | 0 | * |
| Cas. Archdale | 25·6 | -4 | ESE | 1 | c-bc | 50 | 50 | 9 | 5 | 3 | 9 | 5 | 1 | 4 | 12 | 57 | 0 | * |
| Birr Castle | 24·7 | +2 | S | 1 | b | 53 | 51 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Collinstown | 25·6 | +2 | E'S | 1 | b | 56 | 52 | 9 | 5 | 3 | - | 2 | 1 | - | 60 | - | 0 | * |
| Foynes | 24·0 | +2 | SE | 3 | b | 52 | 52 | 9 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Valentia | 24·3 | +6 | NE'E | 1 | c-bc | 55 | 53 | 8 | 5 | 3 | - | 5 | 1 | - | 23 | - | 0 | |
| Roches Point | 24·1 | -2 | N | 1 | b | 55 | 52 | 8 | 5 | - | - | 1 | 1 | - | 25 | - | 1 | 2 |

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h-18h °F. (35) | Temperature. Min. Night 18h-6h °F. (36) | Temperature. Min. on Grass °F. (37) | Rainfall. Day 6h-18h mm. (38) | Rainfall. Night 18h-6h mm. (39) | Sunshine 14th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew | 75 | 55 | 39 | - | - | 9·8 |
| Croydon | 77 | 52 | 45 | - | - | 11·1 |
| Boscombe Down | 75 | 50 | 45 | - | - | 12·9 |
| Thorney Island | 79 | 53 | 45 | - | - | 1 * |
| Friston | | | | | | |
| Lympne | 74 | 54 | 51 | - | - | 10·0 |
| Manston | 69 | 57 | 52 | - | - | 6·1 |
| North Weald | 74 | 48 | * | * | * | * |
| Felixstowe | 69 | 50 | 47 | - | 0·2 | 6·5 |
| Gorleston | 72 | 52 | 45 | - | - | 7·6 |
| Mildenhall | 75 | 45 | 40 | - | - | 8·2 |
| Bircham Newton | 71 | 52 | 41 | - | - | * |
| Cranwell | 74 | 50 | 40 | - | - | 7·0 |
| Cranfield | 73 | 49 | 41 | - | - | * |
| Honiley | 71 | 50 | 46 | - | - | * |
| Little Rissington | - | 50 | 47 | - | - | * |
| Shobden | 72 | 48 | * | - | - | * |
| Bristol | 74 | 48 | 37 | - | Tr | 11·1 |
| Chivenor | 72 | 46 | 37 | - | - | * |
| Yeovilton | 74 | 53 | 44 | - | - | * |
| Portland Bill | 76 | 58 | * | - | - | * |
| Exeter | 73 | 53 | 44 | - | - | * |
| Plymouth | 69 | 55 | 42 | - | - | 13·7 |
| St. Eval | 67 | 51 | 47 | - | - | * |
| The Lizard | 71 | 55 | * | - | - | 13·2 |
| Scilly, St. Marys | 67 | 58 | * | - | - | 12·8 |
| Fairwood | - | 45 | 39 | - | - | * |
| Pembroke | 67 | 50 | * | - | - | 11·6 |
| Aberporth | 65 | 48 | 34 | - | - | 11·3 |
| Penrhos | 65 | 47 | 24 | - | - | * |
| Holyhead, Valley | 67 | 45 | 36 | - | - | * |
| Hawarden | 68 | 41 | 36 | - | - | 8·4 |
| Manchester | 69 | 44 | 44 | - | - | * |
| Squires Gate | 67 | 47 | 44 | - | - | * |
| Silloth | 65 | 47 | 41 | - | - | * |
| Ashbourne | 69 | 47 | 42 | - | - | * |
| Snaith | 70 | 45 | 37 | - | - | * |
| Spurn Head | 69 | 49 | 47 | - | - | 6·4 |
| Catterick (Sc.) | 69 | 40 | 37 | - | - | 6·9 |
| Tynemouth | 70 | 51 | 48 | - | - | |
| Acklington | 67 | 47 | 42 | - | - | * |
| St. Abb's Head | 65 | 52 | * | - | Tr | * |
| Leuchars | 69 | 45 | 38 | - | - | 12·4 |
| Montrose | 72 | 42 | 38 | 0·2 | - | * |
| Abbotsinch | 67 | 50 | 46 | 0·1 | - | 11·2 |
| Prestwick | 66 | 48 | 46 | - | - | * |
| West Freugh | 64 | 48 | 44 | - | - | * |
| Eskdalemuir | 64 | 40 | 34 | - | - | 6·4 |
| Jurby, I. of Man | 64 | 46 | 42 | - | - | * |
| Machrihanish | 63 | 51 | 49 | 0·6 | - | * |
| Tiree | 63 | 48 | 39 | 0·4 | Tr | 5·9 |
| Oban | 65 | 50 | * | - | - | * |
| Stornoway | 61 | 45 | 39 | Tr | - | 12·7 |
| Cape Wrath | 56 | 52 | * | - | - | * |
| Dalwhinnie | 61 | 34 | 27 | 2 | - | 4·6 |
| Aberdeen† | 67 | 42 | 34 | - | - | 10·6 |
| Fraserburgh | 62 | 45 | 42 | Tr | - | * |
| Alness | 65 | 45 | 39 | 0·1 | - | * |
| Wick | 60 | 43 | 37 | 1 | Tr | * |
| Hatston | * | * | * | * | * | * |
| Sumburgh | 56 | 50 | | Tr | Tr | 7·9 |
| Sullom Voe | 56 | 48 | 46 | 1 | Tr | * |
| Blacksod Point | 65 | 58 | * | - | - | * |
| Malin Head | 63 | 50 | * | 0·1 | - | 7·8 |
| Aldergrove | 64 | 43 | 42 | - | - | 4·3 |
| Cas. Archdale | 66 | 50 | 43 | - | - | * |
| Birr Castle | 69 | 46 | 42 | - | - | 10·0 |
| Collinstown | 66 | 49 | 39 | - | - | 7·2 |
| Foynes | 69 | 45 | 43 | - | - | 11·2 |
| Valentia | 65 | 51 | 46 | - | Tr | 11·8 |
| Roches Point | 66 | 52 | * | - | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil. 1 = Trace. 2 = 1/10. 3 = 1/4. 4 = 1/2. 5 = 3/4. 6 = 9/10. 7 = More than 9 but with openings. 8 = Completely covered. 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Tuesday. 15th August 1944

No. 30217

## OBSERVATIONS at 12h. G.M.T. 14th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 23·5 | -10 | E'N | 4 | c | 72 | 47 | 8 | 8 | - | - | 5 | 4 | 5 | 25 | 25 |
| | Croydon | 23·3 | -10 | E'N | 3 | bc | 73 | 47 | 8 | 5 | - | - | 3 | 1 | 3 | 35 | 40 |
| | Boscombe Down | 22·8 | -12 | ENE | 3 | bc | 75 | 49 | 7 | 1 | - | - | 4 | 4 | - | 35 | - |
| | Thorney Island | 22·4 | -10 | ENE | 4 | bc | 76 | 48 | 7 | 1 | - | - | 3 | 3 | - | 25 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 23·5 | -4 | ENE | 4 | bc | 68 | 52 | 8 | 1 | - | - | 1 | 1 | - | 22 | - |
| | Manston | 23·5 | -6 | ENE | 4 | b | 67 | 48 | 8 | 1 | - | - | 1 | 1 | - | 30 | - |
| 2 | North Weald | 24·5 | -6 | ESE | 4 | c | 71 | 45 | 7 | 1 | - | - | 5 | 5 | - | 40 | - |
| | Felixstowe | 24·8 | -2 | E'N | 3 | bc | 67 | 53 | 9 | 1 | - | - | 2 | 2 | - | 30 | - |
| | Gorleston | 25·1 | -6 | NE | 2 | b | 65 | 56 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Mildenhall | 24·1 | -8 | E | 2 | c | 73 | 48 | 8 | 5 | - | 8 | 5 | 5 | - | 35 | - |
| | Bircham Newton | 24·5 | -6 | ENE | 2 | bc | 68 | 52 | 8 | 8 | 6 | - | 4 | 3 | 4 | 25 | 40 |
| | Cranwell | 24·1 | -10 | SSE | 3 | bc | 72 | 52 | 8 | 2 | 6 | - | 4 | 4 | 1 | 35 | - |
| 3 | Cranfield | 23·6 | -10 | E | 2 | bc | 71 | 45 | 8 | 1 | - | - | 4 | 4 | - | 30 | - |
| | Honiley | 23·6 | -14 | NW | 1 | bc | 69 | 49 | 7 | 1 | - | - | 3 | 3 | - | 30 | - |
| 4 | Little Rissington | 22·9 | -18 | E | 2 | c | 69 | 50 | 7 | 4 | - | - | 5 | 5 | - | 40 | - |
| | Shobden | 23·8 | -18 | E | 1 | bc | 70 | 48 | 7 | 1 | - | - | 3 | 3 | - | 40 | - |
| 5 | Bristol | 23·5 | -10 | E'S | 1 | bc | 74 | 50 | 7 | 1 | - | - | 2 | 2 | - | 30 | - |
| | Chivenor | 22·6 | -10 | SE | 3 | bc | 74 | 51 | 8 | 1 | - | - | 1 | 1 | - | 30 | - |
| | Yeovilton | 22·9 | -14 | E'N | 3 | bc | 74 | 52 | 7 | 1 | - | - | 4 | 4 | - | 30 | - |
| | Portland Bill | 22·0 | -8 | E | 3 | bc | 68 | 63 | 8 | 5 | - | - | 4 | 4 | - | 50 | - |
| | Exeter | 22·6 | -12 | ESE | 2 | bc | 75 | 45 | 7 | - | 3 | - | 2 | 2 | - | 80 | - |
| | Plymouth | 22·2 | -6 | E'N | 3 | bc | 70 | 54 | 8 | - | 4 | - | 1 | 1 | - | - | - |
| | St. Eval | 22·6 | -6 | SE | 4 | bc | 71 | 53 | 8 | 1 | 3 | - | 3 | 1 | 2 | 30 | - |
| | The Lizard | 22·1 | 0 | ENE | 5 | bc | 68 | 66 | 7 | 5 | 3 | - | 5 | 4 | 3 | 25 | 57 |
| | Scilly, St. Marys | 22·3 | -4 | ENE | 2 | c | 66 | 59 | 8 | 5 | 8 | 3 | 5 | 3 | 3 | 24 | 57 |
| 6 | Fairwood | 23·5 | -10 | SE | 3 | bc | 69 | 51 | 7 | 2 | - | - | 2 | 2 | - | 35 | - |
| | Pembroke | 27·4 | +2 | W | 1 | b | 64 | 54 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Aberporth | 24·2 | -8 | NE'E | 3 | bc | 62 | 53 | 8 | 1 | 3 | - | 1 | 1 | 1 | 25 | - |
| 7 | Penrhos | 24·1 | -10 | ESE | 2 | bc | 70 | 45 | 9 | 1 | - | - | 2 | 2 | - | 40 | - |
| | Holyhead, Valley | 25·3 | -6 | NNE | 2 | bc | 68 | 49 | 9 | 1 | - | - | 3 | 2 | - | 25 | - |
| | Hawarden | 24·4 | -12 | SSE | 2 | bc | 72 | 50 | 7 | 2 | - | - | 4 | 4 | - | 20 | - |
| 8 | Manchester | 24·2 | -14 | S'W | 2 | bc | 70 | 49 | 7 | 1 | - | - | 4 | 4 | - | 40 | - |
| | Squires Gate | 25·0 | -6 | WNW | 3 | b | 61 | 51 | 7 | 1 | - | - | 1 | 1 | - | 40 | - |
| | Silloth | 25·4 | -8 | WNW | 3 | bc | 63 | 52 | 9 | 2 | 3 | - | 4 | 3 | 3 | 35 | - |
| 9 | Ashbourne | 24·1 | -12 | ESE | 2 | bc | 68 | 50 | 7 | 1 | - | - | 4 | 4 | - | 30 | - |
| | Snaith | 25·2 | -10 | E'S | 1 | bc | 70 | 52 | 8 | 1 | - | - | 4 | 4 | - | 30 | - |
| 10 | Spurn Head | 25·0 | -2 | E | 2 | z₀ | 67 | 57 | 6 | 2 | 8 | - | 4 | 4 | 2 | - | 72 |
| | Catterick (Sc.) | 25·0 | -10 | - | 0 | bc | 67 | 53 | 7 | 2 | 7 | - | 4 | 3 | 2 | 35 | - |
| | Tynemouth | 26·3 | 0 | NE | 2 | bc | 67 | 49 | 8 | 2 | 3 | - | 4 | 3 | 3 | 22 | - |
| | Acklington | 25·9 | -6 | SE | 3 | bc | 63 | 48 | 9 | 1 | 3 | - | 3 | 2 | 3 | 30 | - |
| 11 | St. Abb's Head | 26·1 | -2 | SSE | 2 | bc | 60 | 48 | 9 | 5 | 5 | - | 4 | 3 | 3 | 30 | - |
| | Leuchars | 25·2 | -10 | SE | 3 | c | 63 | 50 | 8 | 2 | 7 | - | 5 | 5 | 4 | 30 | - |
| | Montrose | 26·5 | -6 | SE | 3 | bc | 59 | 45 | 9 | 2 | - | 9 | 4 | 3 | 3 | 30 | - |
| 12 | Abbotsinch | 24·6 | -10 | SW | 1 | c | 66 | 49 | 8 | 2 | 3 | 1 | 5 | 3 | 4 | 30 | - |
| | Prestwick | 25·1 | -8 | W'S | 2 | bc | 65 | 46 | 8 | 1 | 7 | - | 4 | 3 | 4 | 35 | - |
| | West Freugh | 24·9 | -10 | SSE | 2 | bc | 65 | 49 | 9 | 1 | 3 | - | 3 | 2 | 2 | 25 | - |
| | Eskdalemuir | 24·3 | -8 | ESE | 2 | bc | 62 | 42 | 8 | 8 | 4 | - | 4 | 3 | 2 | 29 | - |
| | Jurby, I. of Man | 25·5 | -8 | ENE | 3 | bc | 65 | 49 | 9 | 4 | 4 | - | 3 | 3 | - | 35 | - |
| 13A | Machrihanish | 24·6 | -8 | SE | 3 | c | 65 | 53 | 8 | 7 | 7 | 9 | 5 | 3 | 5 | 25 | - |
| | Tiree | 24·4 | -10 | SE'S | 4 | ir₀ | 58 | 55 | 9 | 1 | 7 | 8 | 7 | 3 | 7 | 30 | - |
| | Oban | 24·9 | -10 | NW | 1 | c | 61 | 54 | 9 | 1 | 7 | - | 7 | 1 | 6 | 30 | - |
| 13B | Stornoway | 23·4 | -8 | SE | 3 | c | 58 | 50 | 8 | 1 | 2 | - | 7 | 3 | 7 | 20 | - |
| | Cape Wrath | 24·2 | -2 | W | 2 | c | 56 | 48 | 9 | 8 | 4 | 1 | 5 | - | 0 | - | - |
| 15 | Dalwhinnie | 24·5 | -2 | SW | 3 | c | 60 | 41 | 8 | 1 | 4 | 8 | 6 | 2 | 4 | 30 | - |
| | Aberdeen | 25·5 | -2 | S'W | 3 | bc | 60 | 46 | 9 | 1 | - | 1 | 3 | 3 | 1 | - | - |
| | Fraserburgh | 25·2 | +4 | N'W | 3 | bc | 58 | 49 | 9 | 1 | - | 6 | 4 | 3 | 4 | 20 | - |
| | Alness | 24·4 | -10 | E | 1 | c | 62 | 46 | 8 | 1 | 3 | 7 | 7 | 2 | 1 | 30 | - |
| | Wick | 24·7 | -2 | S | 1 | c | 58 | 48 | 9 | 1 | - | 2 | 5 | 4 | 5 | 20 | - |
| 16 | Hatston | 24·7 | +2 | NW | 2 | c | 56 | 46 | 9 | 1 | 3 | 2 | 5 | 4 | 3 | 30 | - |
| | Sumburgh | 23·7 | +8 | W'N | 4 | c | 53 | 43 | 9 | 5 | - | 2 | 6 | 4 | 4 | 25 | - |
| | Sullom Voe | 23·4 | +10 | NW'W | 4 | propr | 52 | 45 | 8 | 2 | 6 | - | 7 | 6 | - | 18 | - |
| 17 | Blacksod Point | 22·8 | -6 | W'N | 4 | c | 65 | 53 | 8 | 5 | - | - | 6 | 6 | - | 40 | - |
| 18 | Malin Head | 23·0 | -14 | S | 3 | c | 65 | 53 | 8 | 5 | - | - | 6 | 6 | - | 25 | - |
| | Aldergrove | 24·4 | -12 | W'N | 1 | bc | 67 | 53 | 8 | 1 | 3 | - | 4 | 4 | 2 | 20 | - |
| | Cas. Archdale | 24·5 | -8 | SSE | 1 | c | 66 | 53 | 9 | 5 | 3 | - | 7 | 6 | - | 30 | - |
| 19 | Birr Castle | 23·3 | -10 | S | 1 | bc | 71 | 54 | 8 | 1 | - | - | 4 | 4 | - | 25 | - |
| | Collinstown | 24·9 | -6 | SE | 4 | b | 66 | 50 | 9 | 1 | - | 1 | 2 | 2 | - | 40 | - |
| 20 | Foynes | 22·8 | -14 | SSE | 3 | b | 71 | 54 | 9 | 1 | 4 | 9 | 2 | 1 | - | 25 | - |
| | Valentia | 23·0 | -10 | S'E | 4 | bc | 70 | 53 | 9 | - | 3 | 1 | 3 | - | 0 | - | - |
| | Roches Point | 23·3 | -10 | ESE | 3 | bc | 65 | 60 | 8 | 1 | 3 | - | 4 | 1 | - | 40 | - |

## OBSERVATIONS at 18h. G.M.T. 14th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A. 0-9 (29) | Cloud Amount Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 21·8 | -6 | E | 4 | b | 69 | 46 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Croydon | 21·7 | -6 | ENE | 4 | b | 68 | 44 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Boscombe Down | 20·4 | -10 | E'N | 3 | b | 71 | 48 | 7 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Thorney Island | 20·0 | -14 | ESE | 3 | b | 72 | 47 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 21·7 | -10 | NE | 5 | b | 64 | 46 | 9 | - | - | 1 | 1 | 1 | - | 220 | | | §4 |
| Manston | 22·4 | -10 | NE | 4 | b | 63 | 50 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| North Weald | 23·2 | 0 | E | 4 | b | 66 | 40 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Felixstowe | 23·3 | -8 | ENE | 4 | b | 65 | 52 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | 2 |
| Gorleston | 23·9 | -10 | NE | 3 | b | 64 | 59 | 7 | - | - | - | 0 | 0 | 0 | - | - | 0 | 2 |
| Mildenhall | 22·1 | -8 | E'S | 4 | b | 70 | 47 | 8 | 5 | - | - | 1 | 1 | - | 60 | - | 0 | * |
| Bircham Newton | 23·0 | -6 | ENE | 4 | b | 67 | 48 | 8 | * | - | 1 | 2 | 2 | - | · | - | 0 | * |
| Cranwell | 22·0 | -10 | E | 3 | b | 67 | 52 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Cranfield | 21·1 | -14 | E | 3 | b | 72 | 47 | 8 | 4 | - | 1 | 2 | 2 | 1 | 50 | - | 0 | * |
| Honiley | 21·1 | -14 | ESE | 2 | b | 72 | 50 | 8 | 4 | - | - | 2 | 2 | - | 40 | - | 0 | * |
| Little Rissington | 20·0 | -12 | NE | 2 | b | 70 | 48 | 7 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Shobden | 20·9 | -14 | NE | 2 | z₀ | 71 | 50 | 6 | 4 | 3 | - | 3 | 2 | 3 | 25 | 40 | 0 | * |
| Bristol | 19·8 | -22 | NEE | 2 | b | 73 | 49 | 7 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Chivenor | 19·6 | -10 | NE | 3 | b-bc | 73 | 56 | 8 | - | 3 | 9 | 3 | 3 | 0 | - | - | | * |
| Yeovilton | 19·7 | -24 | EN | 3 | b | 75 | 50 | 7 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Portland Bill | 20·2 | -16 | E | 2 | c-bc | 65 | 60 | 8 | 5 | - | - | 5 | 5 | - | 50 | - | 1 | 3 |
| Exeter | 20·0 | -16 | SSE | 2 | b-bc | 70 | 54 | 7 | - | 4 | 1 | 3 | 3 | 2 | 100 | - | 0 | * |
| Plymouth | 19·9 | -14 | ES | 1 | c-bc | 67 | 51 | 8 | - | 7 | 5 | 5 | 4 | 3 | - | - | 0 | 1 |
| St. Eval | 20·2 | -12 | - | 0 | c-bc | 68 | 56 | 8 | - | 8 | 2 | 5 | 4 | 3 | - | - | 0 | * |
| The Lizard | 19·4 | -12 | ENE | 4 | bc | 67 | 59 | 7 | 7 | 3 | - | 4 | 4 | 3 | 30 | 57 | 0 | 4 |
| Scilly, St. Marys | 19·0 | -18 | ENE | 3 | c | 68 | 60 | 7 | 8 | 9 | - | 6 | 3 | 4 | 20 | 57 | 0 | 3 |
| Fairwood | 20·4 | -16 | SE | 2 | b-bc | 72 | 50 | 7 | - | 3 | - | 3 | 3 | - | - | - | 0 | * |
| Pembroke | 20·8 | -12 | NE'N | 1 | b-bc | 70 | 56 | 8 | - | 7 | - | 3 | - | 2 | - | - | 0 | 2 |
| Aberporth | 21·2 | -16 | NE | 2 | b | 64 | 55 | 9 | - | - | - | 0 | 0 | 0 | - | - | 0 | 2 |
| Penrhos | 21·2 | -14 | NNE | 2 | b | 68 | 57 | 9 | 4 | - | - | 1 | 1 | - | 40 | - | 0 | 0 |
| Holyhead, Valley | 22·6 | -14 | NE'E | 3 | b | 66 | 46 | 9 | 4 | 4 | 1 | 2 | 1 | 1 | 35 | - | 0 | 1 |
| Hawarden | 21·9 | -10 | NW | 3 | b | 66 | 51 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Manchester | 21·4 | -16 | - | 0 | z₀ | 70 | 54 | 6 | - | - | 1 | 3 | 3 | - | 200 | - | 0 | * |
| Squires Gate | 22·0 | -16 | N | 1 | b | 65 | 50 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Silloth | 22·6 | -14 | SSW | 2 | b | 64 | 47 | 9 | 1 | 4 | - | 2 | 1 | 2 | 40 | - | 0 | * |
| Ashbourne | 21·8 | -14 | E | 1 | b | 69 | 51 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Snaith | 22·8 | -10 | E | 4 | b | 67 | 51 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Spurn Head | 23·7 | -12 | E'S | 4 | bc | 62 | 58 | 7 | 1 | 7 | - | 4 | 2 | 4 | 40 | - | 0 | 3 |
| Catterick (Sc.) | 23·1 | -6 | SE'E | 3 | b-bc | 66 | 59 | 8 | 2 | - | - | 3 | 3 | - | 35 | - | 0 | * |
| Tynemouth | 24·4 | -18 | SE | 3 | bc | 58 | 53 | 8 | 2 | 3 | - | 4 | 3 | 3 | 22 | - | 0 | 2 |
| Acklington | 26·9 | -10 | SE | 4 | b-bc | 59 | 52 | 8 | - | 3 | 9 | 3 | 3 | 1 | 150 | - | 0 | |
| St. Abb's Head | 22·5 | -16 | SE | 3 | c-bc | 58 | 52 | 8 | 2 | 3 | - | 5 | 3 | 4 | 25 | - | 0 | 3* |
| Leuchars | 22·5 | -14 | SE | 2 | c | 60 | 52 | 8 | 8 | 3 | - | 6 | 2 | 5 | 25 | - | 0 | * |
| Montrose | 23·8 | -14 | SSE | 3 | c | 57 | 51 | 8 | - | 7 | 9 | 7 | - | 6 | - | - | 0 | * |
| Abbotsinch | 21·7 | -14 | SW | 1 | c | 65 | 50 | 8 | - | 5 | - | 7 | - | - | 20 | - | 1 | * |
| Prestwick | 22·4 | -2 | W | 2 | c | 63 | 52 | 8 | 5 | 7 | - | 7 | 1 | 4 | 22 | 40 | 0 | * |
| West Freugh | 22·4 | -18 | SSE | 2 | b-bc | 62 | 51 | 9 | 4 | 3 | 4 | 3 | 1 | 1 | 50 | - | 0 | * |
| Eskdalemuir | 21·8 | -8 | SW | 2 | bc | 65 | 48 | 8 | 1 | 3 | - | 4 | 2 | 4 | 35 | - | 0 | * |
| Jurby, I. of Man | 23·0 | -14 | NE | 2 | bc | 62 | 44 | 9 | - | - | 1 | 4 | 1 | - | - | - | 0 | * |
| Machrihanish | 21·7 | -14 | SE | 4 | c | 61 | 49 | 8 | 5 | 7 | - | 7 | 2 | 6 | 25 | 57 | 0 | 3 |
| Tiree | 20·4 | -20 | SSE | 3 | c/r | 59 | 56 | 9 | 5 | 7 | - | 8 | 4 | 4 | 18 | 40 | 1 | 2 |
| Oban | 21·6 | -18 | - | 0 | c | 60 | 54 | 9 | 5 | 2 | - | 8 | 1 | 5 | 20 | 40 | 0 | 1 |
| Stornoway | 19·7 | -20 | SSE | 3 | ir₀ | 55 | 52 | 7 | 5 | - | - | 8 | 4 | 8 | 20 | 40 | 1 | 2 |
| Cape Wrath | 20·5 | -26 | SW | 3 | c | 53 | 49 | 7 | 5 | 2 | - | 7 | 6 | - | 15 | - | 0 | 2 |
| Dalwhinnie | 21·5 | -18 | SSW | 3 | c | 58 | 48 | 8 | 5 | - | - | 8 | 8 | - | 28 | - | 0 | * |
| Aberdeen | 23·0 | -14 | S | 2 | c | 56 | 48 | 8 | 4 | 7 | - | 7 | 1 | 7 | 40 | - | 0 | 2 |
| Fraserburgh | 23·4 | -14 | SSE | 3 | c | 55 | 47 | 9 | 5 | 3 | 6 | 8 | 3 | 8 | 30 | - | 0 | * |
| Alness | 21·3 | -14 | ESE | 3 | r₀r₀ | 56 | 52 | 8 | 5 | 7 | - | 8 | 3 | 8 | 25 | - | 1 | * |
| Wick | 22·5 | -10 | SE | 3 | c | 55 | 48 | 9 | 5 | 1 | - | 8 | 2 | 8 | 50 | - | 0 | * |
| Hatston | 22·4 | -14 | SE'E | 2 | c | 56 | 46 | 9 | 1 | 1 | 7 | 6 | 1 | 6 | 30 | - | * | * |
| Sumburgh | 22·6 | -10 | W | 3 | c-bc | 53 | 43 | 9 | 5 | 7 | - | 8 | 1 | 5 | 25 | - | 0 | 2 |
| Sullom Voe | 22·4 | -6 | NNE | 2 | c-bc | 52 | 43 | 8 | 5 | 3 | 4 | 5 | 4 | 4 | 30 | - | 0 | * |
| Blacksod Point | 19·7 | -18 | SW'S | 5 | c | 63 | 51 | 8 | 6 | - | 5 | 7 | 5 | - | 40 | - | 0 | 4 |
| Malin Head | 19·5 | -20 | NNW | 1 | c-bc | 63 | 58 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 1 | 1 |
| Aldergrove | 21·5 | -14 | SE | 3 | b-bc | 66 | 54 | 9 | 1 | 4 | 6 | 8 | 1 | 3 | 35 | - | 0 | * |
| Cas. Archdale | 21·0 | -18 | SSE | 2 | c-bc | 69 | 55 | 9 | 5 | 7 | 9 | 5 | 3 | 5 | 35 | - | 0 | * |
| Birr Castle | 20·2 | -18 | SSW | 1 | bc | 72 | 60 | 8 | - | 3 | - | 4 | - | - | - | - | 0 | * |
| Collinstown | 21·9 | -14 | SE | 4 | b-bc | 63 | 47 | 9 | 5 | 3 | 1 | 3 | 2 | - | 52 | - | 0 | * |
| Foynes | 19·7 | -18 | SEE | 3 | c | 68 | 56 | 9 | 5 | 3 | - | 7 | 4 | - | 58 | - | 0 | * |
| Valentia | 19·5 | -10 | S | 3 | c | 66 | 54 | 9 | 5 | 7 | - | 7 | 3 | - | 60 | - | 0 | 2 |
| Roches Point | 20·7 | -18 | ESE | 3 | c-bc | 62 | 60 | 8 | 5 | 3 | - | 5 | 3 | - | 25 | - | 0 | 3 |

## PAST 24 HOURS

| Stations | Weather 06h.-12h. 14th (41) | 12h.-18h. 14th (42) | 18h. 14th to 00h. 15th (43) | 00h.-06h. 15th (44) |
|---|---|---|---|---|
| Kew | bz₀bccy | bcby | bybw | bbcm₀w |
| Croydon | bbcy | by | bybb | bcm₀w |
| Boscombe Down | bby | bcyby | byb | bbcm₀ |
| Thorney Island | bybc | by | byb | b |
| Friston | | | | |
| Lympne | bbc | bybyv | byvbvb | b |
| Manston | bby | byv | b | b |
| North Weald | bz₀bbyc | bcyby | b | bbm₀ |
| Felixstowe | cby | byb | b | bbw |
| Gorleston | b | b | b | bbc |
| Mildenhall | bbcc | bcyby | byb | bbfg |
| Bircham Newton | bcbbc | bcy | byb | bbw |
| Cranwell | bcm₀bcy | bcy byv | b | bcfbcm₀ |
| Cranfield | bcm₀bc | cby | b | bm₀bmzf |
| Honiley | cm bz₀y | bcyby | byb | bbm₀ |
| Little Rissington | bcm₀cbcy | bcyby | b | bbm₀ |
| Shobden | cy | bycbcy | xz₀bm₀ | bm₀bcm₀ |
| Bristol | m₀by | bcyby | by | bbw |
| Chivenor | bwby | bcyby | bybcb | bcbbc |
| Yeovilton | bcbbc | bcyb | b | bbcc |
| Portland Bill | cbc | bcc | cc | bcc |
| Exeter | bcbcy | bcyby | bc | bm₀ |
| Plymouth | b | bybcy | cbc | bcc |
| St. Eval | by | bybcc | cbcm₀ | bcmbc |
| The Lizard | bc | z₀cbc | cbc | bc |
| Scilly, St. Marys | cbcc | cbcc | c | c |
| Fairwood | by | by | bz₀bm₀ | bcybcz₀ |
| Pembroke | b | bc | bcb | bc |
| Aberporth | b | b | * | bcb |
| Penrhos | bwbby | bybyv | b | bm₀fw |
| Holyhead, Valley | by | by | bybw | bbcwm₀ |
| Hawarden | bcbcy | bcyb | c | |
| Manchester | bm₀z₀by | bcbyz₀ | bcz₀mbmz | bbz₀bbc |
| Squires Gate | bcbm₀y | by | bm₀ | bmmbcz₀ |
| Silloth | cbc | bcyby | bybcb | bcm₀wcm₀ |
| Ashbourne | bcm₀bz₀c | bcz₀ybz₀ | bz₀bm₀ | bz₀bm₀ |
| Snaith | bbcy | bcyby | b | |
| Spurn Head | bcz | bc | b | cmcm |
| Catterick (Sc.) | bcbcm₀bc | bcybc | bbcm₀ | bcm₀ |
| Tynemouth | bcm₀bc | bc | bc | |
| Acklington | cby | bcb | cbcbm₀ | bm₀cm₀ |
| St. Abb's Head | cbc | cbc | bcbc | bcbbc |
| Leuchars | c | ccyc | c | cbcc |
| Montrose | bbcwcbc | bbcc | c | cbcfgcm₀ |
| Abbotsinch | cbcc | bcycy | cycm₀ | czbccr₀m₀ |
| Prestwick | bcwcbcy | bcyc | cbcbbc | cir₀ |
| West Freugh | cbcb | bybcybc | bcbbc | bbcc |
| Eskdalemuir | wb,cbc | bcy | bcyb | bcw |
| Jurby, I. of Man | bcbyv | bybcy | bbc | bc |
| Machrihanish | c | bcc | c | cirr |
| Tiree | ccir₀ccir | cir₀cr₀r₀c | cbcc | ccir₀ccr₀ |
| Oban | c | cjpc | c | c |
| Stornoway | c | cir₀r₀ | cir₀rrc | cm₀c |
| Cape Wrath | cbcc | c | cr₀r₀ | cr₀r₀c |
| Dalwhinnie | bcc | cpr₀o | * | cr₀r₀c |
| Aberdeen | bvwbcb | bcvc | cjr₀c | c |
| Fraserburgh | bccbbc | bbcc | cir₀r₀ | cr₀r₀c |
| Alness | bcc,y | cyccr₀r₀ | r₀cir₀r₀r₀ | cbcc |
| Wick | bbcc | cbcc | r₀r₀rr | crrm₀c |
| Hatston | bcc | c | crr | rrcc |
| Sumburgh | cb | bccv | crc | crr |
| Sullom Voe | cpr₀ | cpr₀c | c | crr |
| Blacksod Point | c | c | c | c |
| Malin Head | c | c | c | c |
| Aldergrove | cbcbbc | bcycy | bcc | bccir₀ |
| Cas. Archdale | c | cry | crcir₀ | cr₀r₀c |
| Birr Castle | bc | bc | * | c |
| Collinstown | b | b | bc | c |
| Foynes | b | bc | r | bc |
| Valentia | c | r | bc | bc |
| Roches Point | b | bc | c | bc |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil  1 = Trace  2 = 1/10  3 = 1/4  4 = 1/2  5 = 3/4  6 = 9/10  7 = More than 9 but with openings.  8 = Completely covered.  9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present. B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

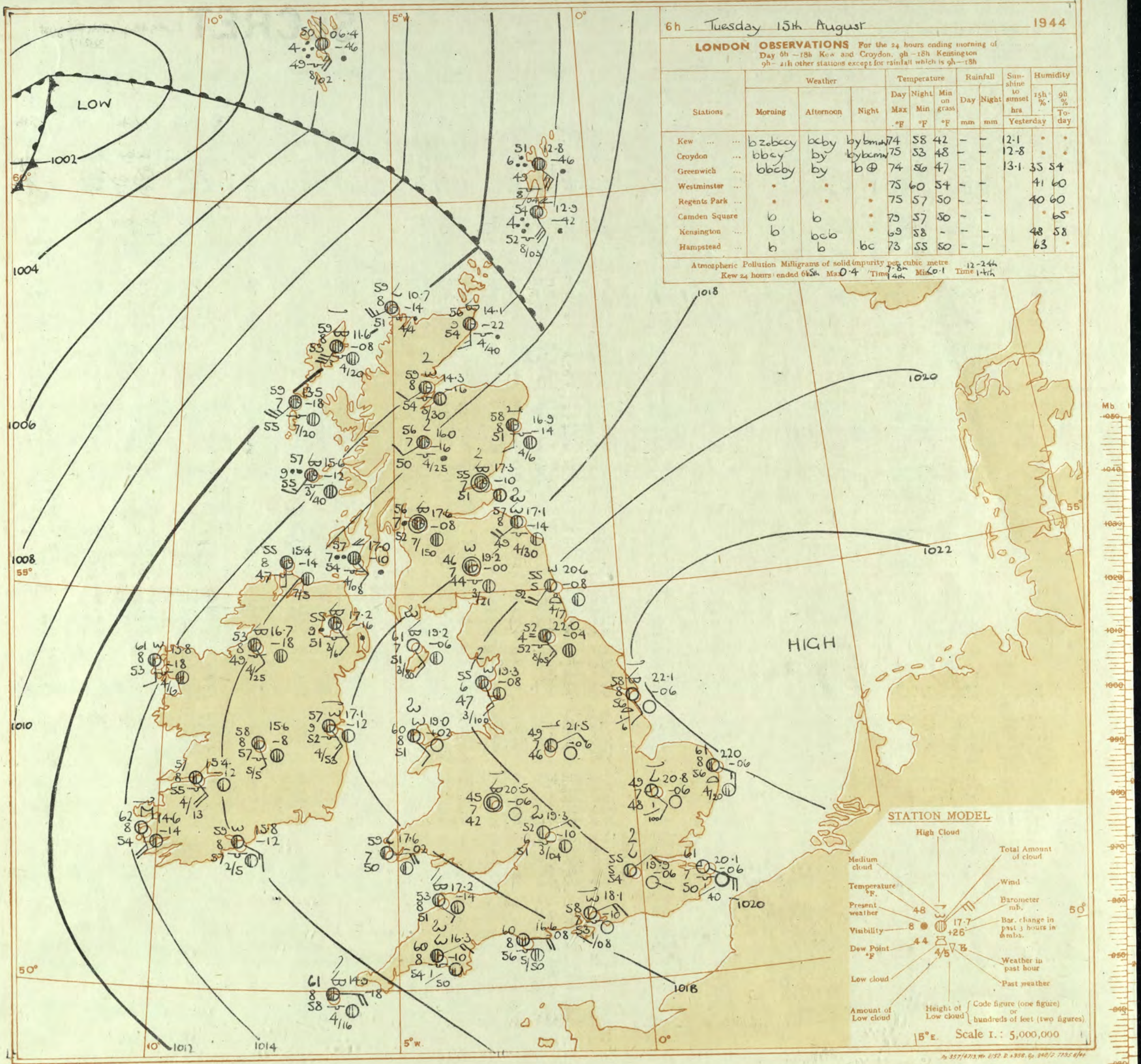
NELSON K. JOHNSON, K.C.B., D.Sc., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Tuesday 15th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of
Day 6h – 18h Kew and Croydon, 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather Morning | Weather Afternoon | Weather Night | Temperature Day Max °F | Temperature Night Min °F | Temperature Min on grass °F | Rainfall Day mm | Rainfall Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | bzobccy | bcby | bybmw | 74 | 58 | 42 | – | – | 12·1 | * | * |
| Croydon ... | bbcy | by | bybcmw | 75 | 53 | 48 | – | – | 12·8 | * | * |
| Greenwich ... | bbcby | by | b ⊕ | 74 | 56 | 47 | – | – | 13·1 | 35 | 54 |
| Westminster ... | * | * | * | 75 | 60 | 54 | – | – | | 41 | 60 |
| Regents Park ... | * | * | * | 75 | 57 | 50 | – | – | | 40 | 60 |
| Camden Square | b | b | * | 79 | 57 | 50 | – | – | | * | 65 |
| Kensington ... | b | bcb | * | 69 | 58 | – | – | – | | 48 | 58 |
| Hampstead ... | b | b | bc | 73 | 55 | 50 | – | – | | 63 | * |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h 15th Max 0·4 Time 7·8h 14th Min 0·1 Time 12-24h 1-4th



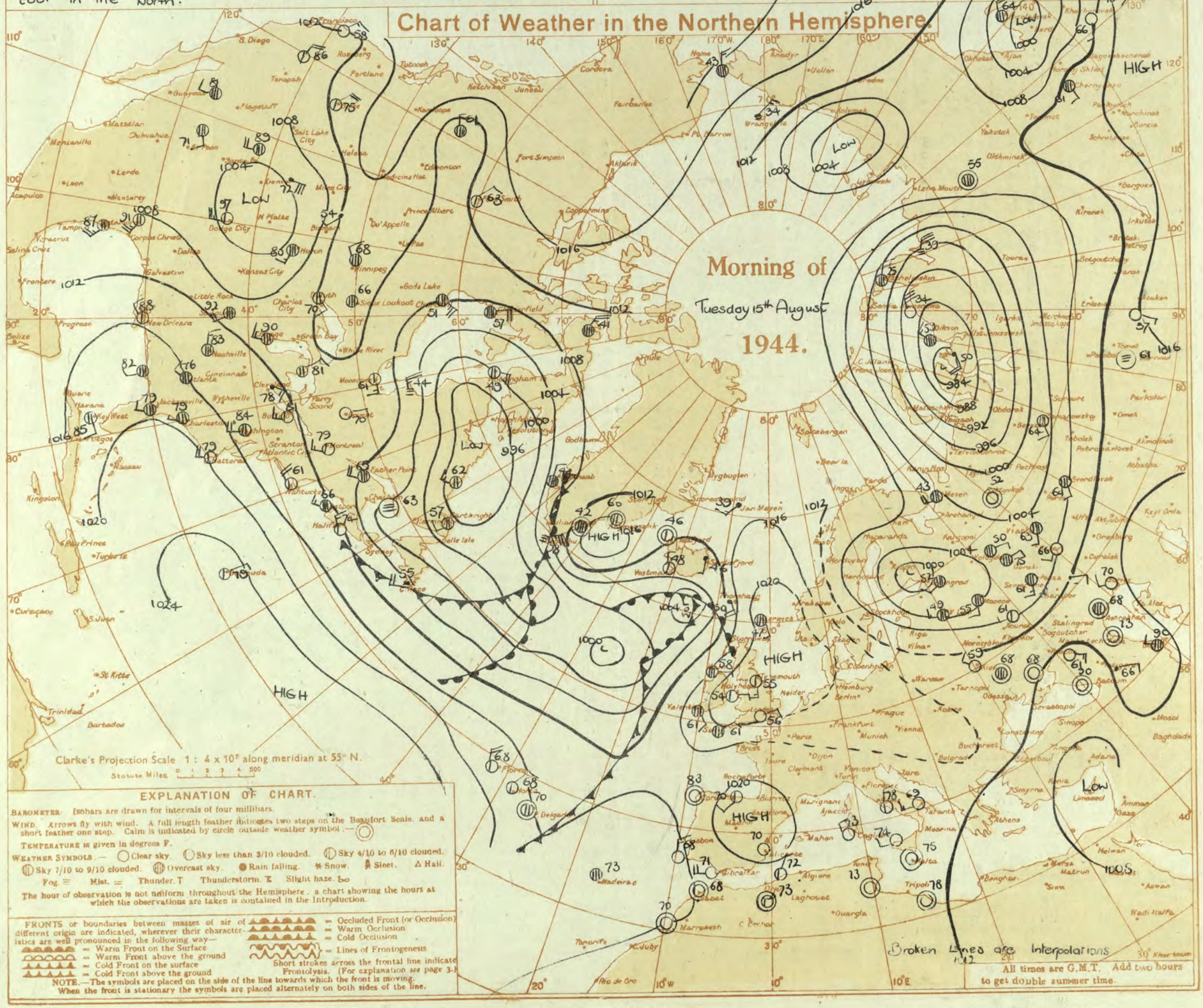

H.M.S.O. Press, M.O., Dunstable.

## GENERAL INFERENCE

An anticyclone east of England is moving eastsoutheast and a ridge over this country is declining; a trough over the Bay of Biscay is moving steadily northeast; a depression centred near the Faeroes is moving northeast and associated troughs will affect Scotland; it will be fair or fine in England and Wales but there is a risk of local thunder in the Southwest later; there will be more cloud in Scotland with some local rain; it will be rather warm in the South and rather cool in the North.

## FURTHER OUTLOOK

Becoming unsettled in south also possibly with some thunder.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. T Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Tuesday 15th August 1944

No. 30217

## OBSERVATIONS at 00hr. G.M.T. 15th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force (4) | Weather. (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud. Form. Low. (9) | Form. Med. (10) | Form. High. (11) | Amount. Total. 0–9 (12) | Low. A. 0–9 (13) | Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | * | * | * | * | 61 | * | * | * | * | * | * | | | * | |
| | Croydon | 217 | 22·2 | -2 | E'N | 2 | b | 56 | 51 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Boscombe Down | 417 | 21·0 | -4 | ENE | 4 | b | 54 | 46 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Thorney Island | 10 | 20·1 | -6 | NE'E | 3 | b | 60 | 51 | 7 | - | - | 1 | 1 | 1 | - | - | - |
| | Friston | – | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 21·3 | -6 | NE | 4 | b | 59 | 57 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Manston | 140 | 22·2 | -2 | E'N | 4 | 0 | 61 | 56 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 2 | North Weald | 244 | 28·0 | -4 | E | 2 | b | 55 | 52 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Felixstowe | 10 | 22·8 | -6 | ENE | 4 | b | 60 | 54 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Gorleston | 5 | 23·2 | -8 | E | 4 | b | 61 | 56 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Mildenhall | 15 | 22·6 | -2 | ESE | 2 | b | 55 | 53 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Bircham Newton | 221 | 22·5 | 0 | E'S | 2 | b | 54 | 52 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Cranwell | 203 | 22·7 | -4 | ESE | 2 | b | 54 | 52 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| 3 | Cranfield | 340 | 22·4 | +2 | ENE | 2 | 0 | 56 | 47 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Honiley | 427 | 22·2 | +6 | SE | 3 | $Z_0$ | 53 | 46 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 4 | Little Rissington | 731 | 21·8 | +6 | E'S | 2 | b | 55 | 45 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Shobden | 318 | 21·5 | -2 | NE | 1 | $Z_0$ | 53 | 49 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 5 | Bristol | 209 | 21·4 | +2 | SE | 1 | b | 57 | 44 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Chivenor | 20 | 19·7 | -2 | E | 2 | b | 57 | 55 | 7 | - | 4 | - | 2 | 2 | - | - | - |
| | Yeovilton | 50 | 20·5 | 0 | E'N | 2 | $Z_0$ | 58 | 46 | 6 | - | 7 | - | 3 | 3 | - | 80 | - |
| | Portland Bill | 32 | 18·0 | -8 | E | 4 | c-bc | 62 | 59 | 8 | 5 | - | - | 5 | 5 | - | 60 | - |
| | Exeter | 100 | 20·2 | -2 | - | 0 | b | 56 | 53 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Plymouth | 86 | 19·0 | -12 | E | 1 | bc | 58 | 52 | 7 | - | 4 | 2 | 4 | 4 | 3 | - | - |
| | St. Eval | 345 | 19·5 | -6 | ESE | 3 | $Z_0$ | 61 | 50 | 6 | - | 4 | 8 | 4 | 2 | 4 | - | - |
| | The Lizard | 240 | 17·7 | -14 | E'N | 4 | c-bc | 61 | 56 | 7 | 5 | - | - | 5 | 5 | - | 20 | - |
| | Scilly, St. Marys | 163 | 18·6 | -6 | ENE | 2 | c | 61 | 58 | 7 | 8 | 9 | 3 | 6 | 3 | 4 | 15 | - |
| 6 | Fairwood | 268 | 19·9 | -8 | E | 4 | $Z_0$ | 60 | 50 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Pembroke | 142 | 20·5 | -4 | NE'E | 2 | b | 60 | 55 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 20·0 | -8 | NW | 1 | b | 57 | 50 | 7 | - | 4 | - | 1 | 1 | - | - | - |
| | Holyhead, Valley | 32 | 21·1 | -10 | E | 1 | b | 54 | 50 | 8 | - | 3 | - | 2 | 2 | - | - | - |
| | Hawarden | 15 | 21·6 | -8 | - | 0 | b | 48 | 46 | 7 | - | - | - | 0 | 0 | - | - | - |
| 8 | Manchester | 230 | 21·4 | -6 | SSE | 3 | $Z_0$ | 58 | 47 | 5 | - | - | 8 | 0 | 0 | 0 | - | - |
| | Squires Gate | 30 | 21·0 | -10 | ESE | 2 | $Z_0$ | 56 | 52 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Silloth | 25 | 21·1 | -12 | ENE | 2 | $Z_0$ | 51 | 49 | 6 | - | 3 | - | 2 | 3 | - | - | - |
| 9 | Ashbourne | 590 | 23·0 | +2 | E | 2 | z | 52 | 47 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Snaith | 30 | 23·4 | -4 | ESE | 1 | b | 51 | 51 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| 10 | Spurn Head | 29 | 23·1 | -8 | ESE | 4 | b | 57 | 53 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Catterick (Sc.) | 195 | 23·6 | -4 | SSE | 2 | $Z_0$ | 55 | 54 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Tynemouth | 108 | 23·4 | -10 | S | 3 | b-bc | 55 | 51 | 7 | - | 4 | - | 3 | 3 | - | - | - |
| | Acklington | 138 | 22·1 | -12 | - | 0 | $Z_0$ | 50 | 49 | 6 | 5 | - | - | 1 | 1 | - | 25 | - |
| 11 | St. Abb's Head | 280 | 20·4 | -20 | WSW | 3 | bc | 55 | 51 | 8 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Leuchars | 31 | 19·9 | -22 | - | 0 | c | 57 | 54 | 7 | 5 | 7 | - | 8 | 4 | 8 | 38 | - |
| | Montrose | 22 | 21·1 | -22 | W | 1 | c | 57 | 54 | 7 | 5 | - | - | 8 | 8 | - | 55 | - |
| 12 | Abbotsinch | 19 | 20·1 | -14 | - | 0 | $Z_0$ | 58 | 53 | 6 | 5 | 7 | - | 7 | 4 | 7 | 25 | - |
| | Prestwick | 30 | 20·8 | -12 | - | 0 | b-bc | 56 | 52 | 7 | 5 | - | 1 | 3 | 3 | 1 | 35 | - |
| | West Freugh | 53 | 20·7 | -14 | - | 0 | c | 52 | 48 | 8 | 5 | - | - | 6 | 6 | - | 45 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 21·6 | -10 | ESE | 1 | bc | 52 | 48 | 8 | 5 | 7 | - | 4 | 3 | 4 | 30 | |
| 13A | Machrihanish | 35 | 19·6 | -12 | SE | 3 | c-bc | 59 | 52 | 7 | 5 | 7 | - | 5 | 4 | 4 | 25 | 40 |
| | Tiree | 44 | 18·4 | -10 | S'E | 3 | c | 58 | 57 | 7 | 5 | - | - | 7 | 7 | - | 45 | - |
| | Oban | 74 | 19·8 | -22 | - | 0 | c | 58 | 52 | 9 | 5 | 2 | - | 8 | 5 | 8 | 25 | - |
| 13B | Stornoway | 12 | 14·0 | -30 | S | 6 | c/r | 57 | 55 | 6 | 5 | 2 | - | 8 | 4 | 5 | 10 | 8 |
| | Cape Wrath | 367 | 16·0 | -30 | SE | 3 | $r_0r_0$ | 54 | 54 | 6 | 5 | 2 | - | 8 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 19·8 | -22 | S | 3 | c | 58 | 52 | 8 | 5 | 7 | - | 7 | 3 | 7 | 30 | - |
| | Fraserburgh | 76 | 19·7 | -26 | S'E | 3 | $ir_0$ | 55 | 52 | 8 | 5 | - | - | 8 | 4 | 8 | 20 | 40 |
| | Alness | 63 | 18·0 | -24 | - | 0 | c/r | 54 | 54 | 6 | 5 | 2 | - | 7 | 3 | 4 | 9 | 40 |
| | Wick | 114 | 18·7 | -38 | SE | 3 | rr | 54 | 52 | 7 | - | 2 | 7 | 8 | 8 | - | 40 | - |
| 16 | Hatston | 45 | 19·8 | -22 | SE | 4 | $r_0r_0$ | 52 | 50 | 7 | 5 | 2 | - | 8 | 4 | 8 | 15 | 40 |
| | Sumburgh | 15 | 20·3 | -16 | S | 3 | c | 50 | 45 | 9 | - | - | 7 | 8 | - | 8 | - | - |
| | Sullom Voe | 12 | 20·3 | -16 | S'E | 1 | c | 47 | 44 | 8 | - | - | 7 | 8 | - | 8 | - | - |
| 17 | Blacksod Point | 18 | 17·8 | -14 | SW'S | 3 | c | 61 | 52 | 8 | 6 | - | - | 8 | 8 | - | 25 | - |
| 18 | Malin Head | 84 | 18·6 | -4 | E | 1 | c-bc | 58 | 53 | 8 | 8 | - | - | 5 | 5 | - | 25 | - |
| | Aldergrove | 294 | 20·9 | -6 | SE'S | 2 | c-bc | 58 | 47 | 8 | 5 | 7 | - | 5 | 3 | 5 | 35 | 25 |
| | Cas. Archdale | 240 | 20·6 | -6 | SSE | 2 | $ir_0$ | 56 | 51 | 7 | 5 | 2 | - | 6 | 5 | 6 | 25 | - |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 20·1 | -14 | ESE | 2 | bc | 54 | 45 | 9 | - | 3 | - | 4 | 0 | - | - | - |
| 20 | Foynes | 3 | 18·6 | -10 | SE'E | 3 | c/r | 58 | 49 | 8 | 5 | 7 | - | 7 | 4 | - | 38 | - |
| | Valentia | 30 | 18·2 | -12 | SE'S | 2 | c-bc | 61 | 52 | 8 | 5 | 8 | - | 5 | 3 | - | 40 | - |
| | Roches Point | 22 | 19·3 | -10 | ESE | 3 | bc | 60 | 59 | 8 | 5 | - | - | 4 | 4 | - | 15 | - |

## OBSERVATIONS at 06hr. G.M.T. 15th August

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force. (20) | Weather. (21) | Temp. °F. (22) | Dew Point. °F. (23) | Visibility. 0–9 (24) | Cloud. Form. Low. (25) | Form. Med (26) | Form. High. (27) | Amount. Total. 0–9 (28) | Low. A. 0–9 (29) | Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 19·0 | 0 | ENE | 2 | $Z_0$ | 60 | 55 | 5 | 8 | 3 | 1 | 1 | 3 | 2 | 25 | - | 0 | * |
| | Croydon | 19·9 | - | NE | 2 | $Z_0$ | 55 | 54 | 5 | - | 4 | 3 | 3 | 1 | 3 | - | - | 0 | * |
| | Boscombe Down | 19·3 | -6 | E'N | | $Z_0$ | 54 | 53 | 6 | - | 5 | 3 | 4 | 3 | 3 | - | - | 0 | * |
| | Thorney Island | 18·1 | -10 | ENE | . | b-bc | 56 | 53 | 7 | 5 | 3 | 1 | 3 | 1 | 1 | 8 | - | 0 | * |
| | Friston | | | | | | | | | | | | | | | | | | * |
| | Lympne | 19·3 | -6 | ENE | 4 | b | 57 | 52 | 8 | | | 3 | 1 | 1 | | 200 | - | 0 | § |
| | Manston | 20·1 | -6 | E'S | 4 | b | 51 | 50 | 7 | 5 | | 1 | 1 | 1 | 1 | 40 | | 0 | * |
| 2 | North Weald | 21·1 | -10 | ENE | 2 | $Z_0$ | 54 | 52 | 6 | - | 4 | 1 | 2 | 2 | 1 | - | - | 0 | * |
| | Felixstowe | 21·8 | -4 | E | 5 | $Z_0$ | 62 | 56 | 8 | 5 | - | - | 1 | 1 | - | 30 | | 0 | 2 |
| | Gorleston | 22·0 | -6 | ESE | 3 | bc | 61 | 56 | 8 | 1 | - | - | 4 | 4 | - | 20 | - | 0 | 3 |
| | Mildenhall | 20·8 | -6 | ESE | 2 | b | 49 | 48 | 7 | - | 4 | 1 | 2 | 1 | 2 | 100 | - | 1 | * |
| | Bircham Newton | 21·6 | -6 | E | 2 | b | 52 | 51 | 9 | - | - | 5 | 2 | 1 | 2 | - | - | 0 | * |
| | Cranwell | 21·3 | -8 | E'S | 1 | b/f | 51 | 51 | 6 | - | - | 2 | 2 | 2 | - | - | - | 1 | * |
| 3 | Cranfield | 20·3 | -8 | NE | 2 | F+ | 49 | 49 | 1 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| | Honiley | 20·3 | -4 | NE | 2 | $Z_0$ | 50 | 48 | 5 | 5 | - | 1 | 3 | 2 | 3 | 40 | - | 0 | * |
| 4 | Little Rissington | 19·3 | -10 | ENE | 3 | $Z_0$ | 52 | 51 | 6 | 5 | - | 9 | 4 | 3 | 3 | 4 | - | 0 | * |
| | Shobden | 20·5 | -6 | — | 0 | b-bc | 45 | 42 | 7 | - | 7 | 1 | 3 | 3 | 2 | - | - | 0 | * |
| 5 | Bristol | 19·3 | -10 | S | 1 | $Z_0$ | 50 | 47 | 6 | - | 4 | 6 | 4 | 3 | 4 | - | - | 0 | * |
| | Chivenor | 17·2 | -14 | ESE | 1 | bc | 53 | 51 | 8 | - | 7 | 4 | 4 | 3 | 2 | - | - | 0 | * |
| | Yeovilton | 18·1 | -12 | NE | 2 | c-bc | 56 | 53 | 7 | - | 7 | 8 | 5 | 4 | 4 | 8 | - | 0 | * |
| | Portland Bill | 16·6 | -8 | E | 4 | c-bc | 60 | 56 | 8 | 5 | - | - | 5 | 5 | - | 50 | - | 1 | 3 |
| | Exeter | 17·6 | -12 | - | 0 | $Z_0$ | 57 | 49 | 6 | - | 4 | - | 3 | 3 | - | 80 | - | 0 | * |
| | Plymouth | 16·3 | -10 | E'N | 3 | c | 60 | 54 | 8 | 5 | 5 | 9 | 6 | 1 | 6 | 50 | - | 0 | 1 |
| | St. Eval | 15·9 | -18 | E'S | 4 | c-bc | 58 | 50 | 8 | - | 3 | 1 | 5 | 4 | 2 | - | - | 0 | * |
| | The Lizard | 14·8 | -12 | ENE | 5 | c-bc | 61 | 58 | 6 | 5 | 4 | * | 5 | 4 | 3 | 25 | 40 | 0 | 4 |
| | Scilly, St. Marys | 14·9 | -18 | E | 4 | c | 61 | 58 | 8 | 5 | 7 | 4 | 6 | 4 | 3 | 15 | 72 | 0 | · |
| 6 | Fairwood | 18·4 | -10 | E | 3 | bc | 56 | 48 | 7 | - | 3 | 1 | 4 | 4 | 2 | 60 | - | 0 | * |
| | Pembroke | 17·6 | -2 | E | 8 | bc | 59 | 50 | 7 | - | 4 | 4 | 4 | - | 2 | - | - | 0 | |
| | Aberporth | 17·5 | -12 | SE | 4 | c | 57 | 43 | 9 | - | 4 | 3 | 6 | 1 | 6 | 100 | - | 0 | 2 |
| 7 | Penrhos | 18·1 | -6 | ESE | 1 | bc | 56 | 48 | 7 | 5 | - | 5 | 4 | 2 | 4 | 25 | - | 0 | 1 |
| | Holyhead, Valley | 19·0 | +2 | SE | 2 | bc | 60 | 51 | 8 | - | 3 | 9 | 4 | 4 | 3 | - | - | 0 | 1 |
| | Hawarden | 12·0 | -12 | SE | 1 | $Z_0$ | 50 | 46 | 6 | - | 7 | 1 | 3 | 3 | 1 | - | - | 0 | * |
| 8 | Manchester | 20·4 | -6 | - | 0 | bc | 50 | 46 | 8 | 5 | 4 | 1 | 4 | 1 | 2 | 50 | - | 0 | * |
| | Squires Gate | 19·3 | -8 | SSE | 3 | $Z_0$ | 55 | 47 | 6 | - | 3 | 1 | 5 | 3 | 5 | 100 | - | 0 | |
| | Silloth | 19·0 | -8 | ENE | 1 | $Z_0$ | 50 | 50 | 6 | - | 3 | 8 | 6 | 4 | 6 | - | - | 0 | * |
| 9 | Ashbourne | 21·5 | -6 | ENE | 2 | bc | 49 | 46 | 7 | - | - | 5 | 4 | 4 | - | - | - | 0 | * |
| | Snaith | 21·5 | -6 | ESE | 2 | bc/F | 47 | 47 | 1 | 5 | - | 9 | 5 | 4 | 8 | 2 | - | 1 | * |
| 10 | Spurn Head | 22·1 | -6 | SSE | 2 | b-bc | 58 | 56 | 8 | 1 | 7 | 1 | 3 | 1 | 1 | 40 | 72 | 0 | 2 |
| | Catterick (Sc.) | 22·0 | -4 | SE'S | 3 | m | 52 | 52 | 4 | 5 | - | - | 8 | 8 | - | 5 | - | 0 | * |
| | Tynemouth | 20·6 | -8 | SSW | 4 | $Z_0$ | 55 | 52 | 5 | 2 | 3 | - | 4 | 4 | 3 | 17 | - | 0 | 2 |
| | Acklington | 19·7 | -6 | WSW | 1 | $Z_0$ | 51 | 49 | 6 | - | 7 | - | 7 | 7 | - | 8 | 72 | 0 | * |
| 11 | St. Abb's Head | 17·1 | -14 | SW | 4 | c-bc | 57 | 49 | 8 | 5 | 5 | 9 | 5 | 4 | 2 | 30 | - | 0 | 3 |
| | Leuchars | 17·3 | -10 | - | 0 | c | 55 | 51 | 7 | - | 7 | 6 | 7 | 6 | 7 | - | - | 1 | * |
| | Montrose | 17·9 | -12 | WSW | 2 | $Z_0$ | 55 | 53 | 6 | 5 | 9 | 2 | 5 | 1 | 4 | 40 | - | 0 | * |
| 12 | Abbotsinch | 17·6 | -8 | - | 0 | $ir_0$ | 56 | 52 | 5 | - | 7 | - | 7 | 7 | - | 150 | - | 1 | * |
| | Prestwick | 17·6 | -14 | SE | 2 | $ir_0$ | 57 | 48 | 7 | 6 | 7 | - | 7 | 3 | 8 | 25 | 72 | 0 | * |
| | West Freugh | 17·9 | -12 | - | 0 | $Z_0$ | 55 | 53 | 6 | 5 | 7 | - | 7 | 3 | 5 | 35 | 57 | 0 | * |
| | Eskdalemuir | 19·2 | 0 | - | 0 | c | 46 | 44 | 7 | 5 | 3 | - | 6 | 2 | 5 | 21 | - | 0 | * |
| | Jurby, I. of Man | 19·2 | -6 | SE | 3 | c | 61 | 51 | 7 | - | 7 | 9 | 6 | 3 | 4 | 80 | - | 0 | * |
| 13A | Machrihanish | 17·0 | -10 | SE'E | 2 | $r_0r_0$ | 57 | 54 | 7 | 5 | 2 | - | 8 | 1 | 4 | 8 | 25 | 1 | 2 |
| | Tiree | 15·6 | -12 | S'W | 3 | $r_0r_0$ | 57 | 55 | 8 | 5 | 7 | - | 7 | 3 | 7 | 40 | 72 | 1 | 2 |
| | Oban | 17·0 | -14 | — | 0 | c | 56 | 50 | 9 | 5 | 7 | - | 7 | 5 | 7 | 30 | - | 0 | 1 |
| 13B | Stornoway | 11·6 | -8 | SSW | 6 | c | 59 | 53 | 8 | 5 | 7 | 1 | 7 | 3 | 4 | 20 | 40 | 1 | 4 |
| | Cape Wrath | 10·7 | -14 | SW | 5 | c | 58 | 51 | 8 | 5 | 4 | - | 6 | 4 | - | 15 | - | 1 | 4 |
| 15 | Dalwhinnie | 14·3 | -16 | SW | 2 | c | 56 | 50 | 7 | 5 | - | 6 | 7 | 4 | 7 | 25 | - | 1 | * |
| | Aberdeen† | 16·9 | -14 | S | 2 | c | 58 | 51 | 8 | 5 | - | 8 | 6 | 4 | 5 | 40 | - | 0 | 2 |
| | Fraserburgh | 16·0 | -14 | SE | 4 | c | 58 | 51 | 8 | 5 | 7 | - | 7 | 5 | 7 | 50 | 72 | 0 | |
| | Alness | 14·3 | -16 | SW | 2 | c | 58 | 54 | 8 | 5 | 3 | 6 | 6 | 3 | 5 | 30 | - | 0 | * |
| | Wick | 14·1 | -22 | S | 3 | c | 56 | 54 | 9 | 5 | 7 | - | 6 | 4 | 6 | 40 | - | 1 | * |
| 16 | Hatston | 12·7 | -20 | SSW | 5 | c | 57 | 54 | 7 | 5 | 3 | - | 7 | 2 | 3 | 8 | 15 | * | * |
| | Sumburgh | 12·9 | -42 | SSE | 6 | RR | 54 | 52 | 4 | 5 | 2 | - | 8 | 8 | - | 3 | - | 1 | 3 |
| | Sullom Voe | 12·8 | -40 | SE | 5 | ++ | 51 | 48 | 6 | 5 | - | - | 8 | 8 | - | 4 | - | 1 | * |
| 17 | Blacksod Point | 13·8 | -18 | S | 2 | c-bc | 61 | 53 | 8 | 5 | 5 | - | 5 | 4 | - | 40 | - | 0 | 2 |
| 18 | Malin Head | 15·4 | -14 | S | 1 | c | 55 | 47 | 8 | 5 | - | - | 7 | 7 | - | 25 | - | 1 | |
| | Aldergrove | 17·2 | -16 | SE | 2 | $ir_0$ | 55 | 51 | 8 | 5 | 7 | - | 7 | 3 | 7 | 40 | - | 1 | * |
| | Cas. Archdale | 16·7 | -18 | SE | 2 | c-bc | 53 | 49 | 8 | 5 | 7 | - | 5 | 4 | 4 | 25 | - | 1 | * |
| 19 | Birr Castle | 15·6 | -8 | SSE | 1 | c-bc | 58 | 51 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 0 | * |
| | Collinstown | 17·1 | -12 | SE | 3 | c | 57 | 53 | 9 | 5 | 3 | 6 | 6 | 4 | - | 53 | - | 0 | * |
| 20 | Foynes | 15·4 | -12 | SE | 4 | bc | 57 | 53 | 8 | 5 | - | - | 4 | 4 | - | 25 | - | 1 | * |
| | Valentia | 14·6 | -14 | SSE | 4 | c-bc | 60 | 54 | 8 | - | 8 | 1 | 8 | - | - | - | - | 0 | 3 |
| | Roches Point | 15·8 | -12 | ESE | 3 | bc | 59 | 57 | 8 | 5 | 3 | - | 4 | 2 | - | 25 | - | 0 | 3 |

## PAST 24 HOURS.

| District | Stations | Temperature. Max. Day 6h-18h °F. (35) | Min. Night 18h-6h °F. (36) | Min. on Grass °F. (37) | Rainfall. Day 6h-18h mm. (38) | Night 18h-6h mm. (39) | Sunshine 14th Hrs. (40) |
|---|---|---|---|---|---|---|---|
| 1 | Kew | 74 | 55 | 42 | - | - | 12·4 |
| | Croydon | 75 | 63 | 48 | - | - | 12·8 |
| | Boscombe Down | 76 | 52 | 49 | - | - | 12·4 |
| | Thorney Island | 77 | 56 | 50 | - | - | * |
| | Friston | | | | | | |
| | Lympne | 60 | 57 | 51 | - | - | 13·2 |
| | Manston | 69 | 59 | 56 | - | - | 13·3 |
| 2 | North Weald | 73 | 54 | * | * | * | * |
| | Felixstowe | 68 | 60 | 55 | - | Tr | 13·2 |
| | Gorleston | 65 | 57 | 53 | - | - | 12·8 |
| | Mildenhall | 76 | 46 | 39 | - | - | 10·3 |
| | Bircham Newton | 73 | 51 | 41 | - | - | * |
| | Cranwell | 76 | 47 | 34 | - | - | 10·0 |
| 3 | Cranfield | 74 | 49 | 45 | - | - | * |
| | Honiley | 75 | 47 | 43 | - | - | * |
| 4 | Little Rissington | * | 50 | | - | - | * |
| | Shobden | 74 | 43 | 36 | - | - | * |
| 5 | Bristol | 77 | 47 | 36 | Tr | Tr | 12·3 |
| | Chivenor | 78 | 54 | 47 | - | - | * |
| | Yeovilton | 78 | 52 | | - | - | * |
| | Portland Bill | 68 | 58 | * | - | - | * |
| | Exeter | 75 | 51 | 47 | - | - | * |
| | Plymouth | 74 | 58 | 46 | - | - | 11·2 |
| | St. Eval | 73 | 54 | 50 | - | - | * |
| | The Lizard | 71 | 60 | 51* | - | - | 8·1 |
| | Scilly, St. Marys | 74 | 60 | * | - | - | 8·1 |
| 6 | Fairwood | * | 55 | 53 | - | - | * |
| | Pembroke | 70 | 56 | * | - | - | 13·0 |
| | Aberporth | 66 | 56 | 44 | - | - | 13·6 |
| 7 | Penrhos | 71 | 52 | 29 | - | - | * |
| | Holyhead, Valley | 71 | 53 | 44 | - | - | * |
| | Hawarden | 73 | 46 | 41 | - | - | 12·3 |
| 8 | Manchester | 73 | 47 | 41 | - | - | * |
| | Squires Gate | 67 | 51 | 30 | - | - | * |
| | Silloth | 64 | 49 | 47 | - | - | * |
| 9 | Ashbourne | 71 | 47 | 38 | - | - | * |
| | Snaith | 72 | 46 | 40 | - | - | * |
| 10 | Spurn Head | 68 | 56 | * | - | - | 11·4 |
| | Catterick (Sc.) | 72 | 52 | 47 | - | - | 10·6 |
| | Tynemouth | 68 | 54 | 52 | - | - | * |
| | Acklington | 64 | 47 | 42 | - | - | * |
| 11 | St. Abb's Head | 64 | 53 | * | - | - | * |
| | Leuchars | 64 | 52 | 45 | - | - | 4·3 |
| | Montrose | 60 | 53 | 48 | Tr | - | * |
| 12 | Abbotsinch | 69 | 51 | 50 | - | - | 5·9 |
| | Prestwick | 69 | 54 | 52 | - | Tr | * |
| | West Freugh | 65 | 55 | 44 | - | - | * |
| | Eskdalemuir | 68 | 43 | 38 | - | - | 9·5 |
| | Jurby, I. of Man | 68 | 50 | 47 | - | - | * |
| 13A | Machrihanish | 65 | 56 | 54 | - | 0·4 | * |
| | Tiree | 64 | 56 | 54 | Tr | 0·2 | 0·0 |
| | Oban | 64 | 60 | * | * | - | * |
| 13B | Stornoway | 58 | 54 | 53 | 1 | 6 | 0·5 |
| | Cape Wrath | 58 | 52 | * | - | 13 | * |
| 15 | Dalwhinnie | 61 | 52 | 49 | Tr | 2 | 6·6 |
| | Aberdeen† | 62 | 55 | 52 | - | Tr | 9·7 |
| | Fraserburgh | 59 | 53 | 51 | - | 0·6 | * |
| | Alness | 64 | 60 | 51 | Tr | 0·1 | * |
| | Wick | 61 | 52 | 50 | - | 6 | * |
| 16 | Hatston | * | * | * | * | * | * |
| | Sumburgh | 56 | 47 | 47 | - | 8 | 4·6 |
| | Sullom Voe | 54 | 48 | 39 | Tr | 3 | * |
| 17 | Blacksod Point | 68 | 59 | * | - | - | * |
| 18 | Malin Head | 67 | 55 | * | - | - | 1·2 |
| | Aldergrove | 69 | 53 | 47 | Tr | 0·3 | 10·3 |
| | Cas. Archdale | 72 | 52 | 50 | - | 1 | * |
| 19 | Birr Castle | 74 | 55 | 53 | - | Tr | 12·3 |
| | Collinstown | 68 | 52 | 48 | - | - | 12·8 |
| 20 | Foynes | 73 | 54 | 51 | - | Tr | 8·6 |
| | Valentia | 73 | 60 | 55 | Tr | Tr | 6·9 |
| | Roches Point | 66 | 59 | * | - | 0·1 | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Wednesday 16th August 1944

No. 30218

## OBSERVATIONS at 12h. G.M.T. 15th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force. (4) | Weather. (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud. Form. Low. (9) | Cloud. Form. Med. (10) | Cloud. Form. High. (11) | Cloud. Amount. Total. 0-9 (12) | Cloud. Amount. Low. A. 0-9 (13) | Cloud. Amount. Low. B. 0-9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16.9 | -16 | ENE | 4 | c-bc | 72 | 50 | 8 | - | - | 6 | 5 | 5 | - | - | - |
| | Croydon ... | 16.9 | -18 | NNE | 3 | bc | 75 | 51 | 8 | - | - | 2 | 4 | - | 4 | - | - |
| | Boscombe Down | 16.4 | -18 | E'S | 4 | bc | 76 | 53 | 6 | - | - | 2 | 4 | 4 | - | - | - |
| | Thorney Island | 16.0 | -14 | E'N | 4 | bc | 76 | 53 | 7 | 5 | - | 2 | 4 | 1 | 4 | 45 | - |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 17.5 | -12 | NE | 4 | c-bc | 70 | 50 | 9 | - | 3 | 3 | 5 | 3 | 5 | 170 | - |
| | Manston ... | 18.1 | -10 | E | 4 | bc | 66 | 54 | 8 | - | - | 6 | 4 | 4 | - | - | - |
| 2 | North Weald | 18.3 | -10 | E | 5 | bc | 70 | 47 | 8 | - | - | 6 | 4 | 4 | - | - | - |
| | Felixstowe ... | 19.3 | -8 | E'N | 4 | b-bc | 66 | 51 | 9 | - | - | 2 | 3 | 3 | - | 200 | - |
| | Gorleston ... | 20.6 | -2 | E | 3 | b-bc | 63 | 56 | 8 | 1 | - | - | 3 | 3 | - | 40 | - |
| | Mildenhall | 18.3 | -14 | SE | 3 | b-bc | 74 | 49 | 9 | - | - | 2 | 3 | 3 | - | 200 | - |
| | Bircham Newton | 18.9 | -18 | ESE | 3 | b-bc | 71 | 52 | 8 | - | 8 | 9 | 3 | 1 | 3 | - | - |
| | Cranwell ... | 18.5 | -20 | E'S | 3 | bc | 72 | 53 | 8 | 1 | 3 | - | 4 | 3 | 4 | 30 | - |
| 3 | Cranfield ... | 17.4 | -20 | E | 3 | b-bc | 71 | 51 | 8 | 1 | - | 2 | 3 | 2 | 3 | 40 | - |
| | Honiley ... | 17.0 | -22 | E | 3 | c-bc | 71 | 51 | 7 | 7 | 7 | 5 | 5 | 3 | 2 | 30 | 40 |
| 4 | Little Rissington | 15.8 | | E'S | 4 | c-bc | 71 | 52 | 7 | - | 3 | 6 | 5 | 1 | 5 | 220 | - |
| | Shobden ... | 16.5 | -26 | ESE | 3 | c-bc | 69 | 50 | 8 | 1 | 8 | - | 5 | 1 | 4 | 30 | - |
| 5 | Bristol ... | 15.9 | -22 | SE | 2 | c | 76 | 55 | 7 | - | 7 | 6 | 6 | 3 | 6 | - | - |
| | Chivenor ... | 14.4 | -18 | E'S | 3 | c-bc | 75 | 59 | 8 | - | 8 | 6 | 5 | 4 | 5 | - | - |
| | Yeovilton | 15.2 | -12 | E'S | 4 | c-bc | 75 | 54 | 7 | - | 8 | 2 | 5 | 4 | 3 | 120 | - |
| | Portland Bill | 15.4 | -8 | E | 4 | c-bc | 65 | 57 | 8 | 2 | - | - | 5 | 5 | - | 50 | - |
| | Exeter ... | 14.9 | -16 | SE'E | 3 | c | 72 | 58 | 7 | - | 7 | 6 | 7 | 4 | 6 | 100 | - |
| | Plymouth ... | 13.9 | -14 | E | 5 | bc | 70 | 57 | 7 | - | 3 | 5 | 4 | 2 | 4 | - | - |
| | St. Eval ... | 14.3 | -12 | SSE | 4 | 2o | 72 | 58 | 6 | - | 8 | 4 | 4 | 3 | 2 | - | - |
| | The Lizard | 13.9 | 0 | ENE | 5 | 2o | 67 | 60 | 6 | 7 | - | - | 4 | 4 | - | 30 | - |
| | Scilly, St. Marys | 13.4 | -6 | ESE | 4 | b-bc | 70 | 61 | 7 | 5 | - | 8 | 3 | 1 | 3 | 25 | - |
| 6 | Fairwood ... | 15.6 | -18 | E | 4 | c | 69 | 52 | 7 | - | 8 | 7 | 7 | 4 | 7 | 120 | - |
| | Pembroke ... | 15.0 | -12 | ESE | 4 | c | 65 | 56 | 6 | 7 | 7 | - | 6 | 4 | 3 | 25 | - |
| | Aberporth ... | 15.2 | -16 | SSE | 4 | c | 69 | 50 | 7 | - | 7 | 1 | 7 | 7 | 1 | 100 | - |
| 7 | Penrhos ... | 15.8 | -16 | SE'E | 4 | c | 70 | 53 | 8 | - | 3 | 9 | 6 | 4 | 4 | - | - |
| | Holyhead, Valley | 16.7 | -14 | SSW | 2 | c-bc | 68 | 54 | 8 | - | 3 | 9 | 5 | 4 | 5 | - | - |
| | Hawarden ... | 16.8 | -18 | SSE | 4 | c-bc | 71 | 52 | 7 | - | 4 | 6 | 5 | 3 | 5 | - | - |
| 8 | Manchester | 17.4 | -22 | S | 4 | b-bc | 70 | 48 | 8 | 1 | 4 | 5 | 3 | 1 | 1 | 30 | - |
| | Squires Gate | 17.1 | -16 | SSE | 5 | clr | 71 | 52 | 6 | - | - | 5 | 5 | 2 | - | 210 | - |
| | Silloth ... | 16.7 | -22 | SSW | 5 | c-bc | 71 | 52 | 7 | - | 7 | 8 | 5 | 3 | 4 | - | - |
| 9 | Ashbourne ... | 17.9 | -24 | ESE | 3 | bc | 69 | 51 | 9 | 1 | 4 | 1 | 4 | 3 | 2 | 20 | - |
| | Snaith ... | 18.8 | -26 | S'E | 4 | b-bc | 70 | 47 | 8 | 1 | - | 9 | 3 | 1 | 3 | 20 | - |
| 10 | Spurn Head | 20.2 | -10 | SE'E | 4 | bc | 69 | 55 | 7 | 1 | 3 | 5 | 4 | 3 | 3 | 25 | 72 |
| | Catterick (Sc.) | 18.7 | -22 | SSE | 4 | b-bc | 70 | 57 | 7 | - | 7 | 2 | 3 | 3 | 1 | 100 | - |
| | Tynemouth | 18.6 | -6 | SE | 3 | c-bc | 63 | 54 | 7 | 2 | 3 | 2 | 5 | 4 | 3 | 20 | - |
| | Acklington | 17.5 | -8 | SSE | 3 | 2o | 69 | 51 | 6 | - | 7 | 7 | 7 | 3 | 7 | 150 | - |
| 11 | St. Abb's Head | 16.1 | -6 | SSW | 3 | c | 65 | 49 | 8 | 5 | - | - | 7 | 4 | 4 | 25 | 40 |
| | Leuchars ... | 16.1 | -12 | WSW | 2 | ir | 62 | 55 | 6 | 5 | 7 | - | 8 | 4 | 8 | 50 | - |
| | Montrose ... | 16.6 | -8 | SW | 3 | c/r | 63 | 53 | 7 | - | 7 | - | 8 | - | 8 | - | - |
| 12 | Abbotsinch | 15.4 | -16 | - | 0 | c/r | 65 | 58 | 5 | 5 | 7 | - | 8 | 3 | 6 | 40 | - |
| | Prestwick ... | 15.7 | -12 | S | 4 | c-bc | 68 | 54 | 7 | 1 | 7 | - | 5 | 1 | 5 | 40 | - |
| | West Freugh | 15.8 | -12 | SE | 3 | c-bc | 67 | 55 | 7 | - | 7 | - | 5 | - | 5 | - | - |
| | Eskdalemuir | 16.1 | -10 | SSW | 3 | c | 66 | 53 | 8 | 7 | 3 | - | 6 | 4 | 4 | 33 | - |
| | Jurby, I. of Man | 16.7 | -10 | S | 4 | c | 71 | 52 | 7 | - | 9 | 6 | 7 | 6 | 7 | 90 | - |
| 13A | Machrihanish | 14.5 | -16 | SE | 4 | c-bc | 63 | 57 | 7 | 7 | 7 | 2 | 5 | 1 | 3 | 15 | 40 |
| | Tiree ... | 13.2 | -14 | SSE | 4 | c-bc | 62 | 56 | 8 | 5 | 3 | 5 | 5 | 3 | 3 | 60 | - |
| | Oban ... | 14.7 | -16 | SW | 1 | c/pr | 65 | 59 | 9 | 8 | 7 | - | 5 | 3 | 4 | 30 | 40 |
| 13B | Stornoway ... | 10.7 | -10 | SSE | 6 | c | 60 | 53 | 8 | 5 | 7 | 8 | 6 | 1 | 5 | 15 | 40 |
| | Cape Wrath | 10.4 | 0 | SW | 5 | c | 59 | 53 | 8 | 8 | 7 | - | 6 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 14.0 | -8 | SW | 3 | c | 59 | 51 | 8 | 5 | 5 | - | 7 | 5 | 7 | 25 | - |
| | Aberdeen ... | 14.9 | -14 | S'W | 3 | c | 63 | 52 | 7 | 5 | 7 | - | 7 | 4 | 7 | 57 | - |
| | Fraserburgh | 14.3 | -12 | S'W | 4 | c/r | 61 | 55 | 6 | 5 | 7 | - | 8 | 1 | 4 | 25 | 40 |
| | Alness ... | 12.6 | -14 | SW | 3 | c | 65 | 54 | 9 | 5 | 7 | - | 7 | 3 | 7 | 30 | 25 |
| | Wick ... | 12.3 | -6 | S | 2 | c | 61 | 56 | 9 | 5 | 7 | - | 7 | 3 | 7 | 30 | - |
| 16 | Hatston ... | 11.8 | 0 | S | 3 | c | 63 | 56 | 8 | 5 | 7 | - | 6 | 3 | 6 | 30 | - |
| | Sumburgh ... | 10.9 | +2 | SSW | 5 | ir | 56 | 53 | 8 | - | 7 | - | 8 | - | 8 | - | 72 |
| | Sullom Voe | 09.1 | -6 | SW | 5 | c/pr | 59 | 49 | 6 | 5 | 2 | - | 8 | 3 | 4 | 6 | 8 |
| 17 | Blacksod Point | 11.1 | -18 | SE | 4 | c-bc | 66 | 54 | 7 | 5 | 5 | - | 5 | 4 | - | 40 | - |
| 18 | Malin Head | 12.7 | -12 | S'W | 5 | ir | 64 | 52 | 8 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Aldergrove | 14.5 | -14 | S'W | 2 | c-bc | 69 | 55 | 8 | - | 7 | 4 | 5 | 4 | 3 | - | - |
| | Cas. Archdale | 14.5 | -18 | SE | 2 | c/pr | 65 | 55 | 8 | 5 | 8 | 1 | 6 | 4 | 6 | 35 | - |
| 19 | Birr Castle ... | 12.9 | -16 | SSE | 2 | bc | 73 | 72 | 8 | 5 | - | 1 | 4 | 3 | - | 25 | - |
| | Collinstown | 14.8 | -18 | SE'S | 4 | bc | 70 | 53 | 8 | 1 | 3 | 1 | 4 | 1 | - | 35 | - |
| 20 | Foynes ... | 12.8 | -18 | SE'E | 4 | bc | 72 | 54 | 8 | 1 | 8 | 2 | 4 | 1 | - | 50 | - |
| | Valentia ... | 12.1 | -14 | SW | 4 | bc | 70 | 58 | 8 | 1 | 4 | 3 | 4 | 1 | - | 32 | - |
| | Roches Point | 14.0 | -10 | E'S | 3 | b-bc | 67 | 65 | 8 | 1 | 4 | 1 | 3 | 2 | - | 40 | - |

## OBSERVATIONS at 18h. G.M.T. 15th August

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force. (20) | Weather. (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud. Form. Low. (25) | Cloud. Form. Med. (26) | Cloud. Form. High. (27) | Cloud. Amount. Total. 0-9 (28) | Cloud. Amount. Low. A 0-9 (29) | Cloud. Amount. Low. B. 0-9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0-9 (33) | Sea. 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 13.9 | -16 | E'N | 4 | c-bc | 71 | 53 | 8 | 5 | 3 | 4 | 5 | 2 | 4 | 28 | - | 0 | * |
| | Croydon ... | 13.8 | -12 | ENE | 3 | c-bc | 68 | 54 | 7 | - | 3 | 2 | 5 | 4 | 3 | 160 | - | 0 | * |
| | Boscombe Down | 13.2 | -16 | S'E | 3 | bc | 74 | 54 | 8 | - | 3 | 2 | 4 | 3 | 3 | - | - | 0 | * |
| | Thorney Island | 13.1 | -20 | ENE | 3 | b-bc | 73 | 53 | 7 | - | - | 2 | 8 | 3 | - | - | - | 0 | * |
| | Friston ... | | | | | | | | | | | | | | | | | | |
| | Lympne ... | 14.1 | -18 | NE | 4 | bc | 66 | 59 | 8 | - | - | 2 | 4 | 4 | - | 260 | - | 0 | § 2 |
| | Manston ... | 14.3 | -22 | E'N | 4 | c-bc | 64 | 53 | 8 | - | 4 | 2 | 5 | 1 | 5 | - | - | 0 | * |
| 2 | North Weald | 15.4 | -16 | ESE | 4 | c-bc | 66 | 51 | 7 | - | 3 | 2 | 5 | 1 | 5 | - | - | 0 | * |
| | Felixstowe ... | 15.9 | -24 | ENE | 4 | bc | 65 | 55 | 9 | - | - | 2 | 4 | 4 | - | 200 | - | 0 | 2 |
| | Gorleston ... | 17.3 | -12 | ENE | 4 | c-bc | 63 | 58 | 8 | 5 | - | - | | | | | | | |
| | Mildenhall | 15.2 | -14 | E'S | 4 | c-bc | 70 | 46 | 9 | - | 8 | 2 | 5 | 2 | 5 | 120 | - | 0 | * |
| | Bircham Newton | 15.8 | -12 | ESE | 4 | bc | 66 | 47 | 8 | - | 8 | 4 | 4 | 1 | 4 | - | - | 0 | * |
| | Cranwell ... | 14.3 | -12 | E | 3 | c-bc | 68 | 56 | 8 | - | - | 2 | 5 | - | 5 | - | 72 | 0 | * |
| 3 | Cranfield ... | 14.4 | -14 | E | 3 | bc | 70 | 44 | 8 | - | 8 | 6 | 4 | 2 | 4 | 100 | - | 0 | * |
| | Honiley ... | 13.1 | -20 | SE | 4 | c-bc | 73 | 45 | 9 | 1 | 7 | 9 | 5 | 2 | 5 | 30 | - | 0 | * |
| 4 | Little Rissington | 12.0 | -18 | E | 4 | c-bc | 70 | 48 | 7 | 3 | 4 | 9 | 5 | 1 | 3 | 30 | - | 0 | * |
| | Shobden ... | 12.3 | -18 | ENE | 3 | c-bc | 74 | 52 | 7 | - | 8 | 3 | 5 | 4 | 3 | - | - | | * |
| 5 | Bristol ... | 12.3 | -24 | SE | 3 | c-bc | 77 | 56 | 7 | - | 9 | 6 | 5 | 3 | 5 | - | - | 0 | * |
| | Chivenor ... | 11.7 | -12 | SSE | 4 | b-bc | 74 | 62 | 8 | - | 3 | 1 | 3 | 1 | 3 | - | - | 0 | * |
| | Yeovilton | 12.3 | -12 | SE'E | 3 | bc | 76 | 54 | 7 | 1 | 8 | 5 | 4 | 1 | 3 | 50 | 72 | 0 | * |
| | Portland Bill | 12.7 | -10 | E | 4 | c-bc | 65 | 60 | 8 | 2 | - | - | 5 | 5 | - | 50 | - | 1 | 4 |
| | Exeter ... | 12.4 | -14 | ESE | 3 | 2o | 71 | 56 | 6 | - | - | 6 | 4 | 4 | - | 120 | - | 0 | * |
| | Plymouth ... | 11.4 | -20 | SE'E | 4 | b-bc | 68 | 60 | 7 | 7 | - | - | 3 | 3 | - | 25 | - | 0 | 2 |
| | St. Eval ... | 11.9 | -8 | SE'S | 3 | b | 70 | 56 | 7 | - | 7 | - | 1 | 1 | - | - | - | 0 | * |
| | The Lizard | 11.1 | -10 | ESE | 3 | 2o | 65 | 60 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | 4 |
| | Scilly, St. Marys | 11.7 | -10 | ESE | 2 | bc | 66 | 61 | 6 | 5 | 3 | - | 4 | 3 | 3 | 12 | 57 | 0 | 3 |
| 6 | Fairwood ... | 11.5 | -22 | SE | 3 | bc | 74 | 57 | 7 | - | 3 | 8 | 4 | 1 | 4 | - | - | 0 | * |
| | Pembroke ... | 11.4 | -20 | SE'E | 4 | b-bc | 68 | 60 | 7 | 7 | - | - | 3 | 3 | - | 25 | - | 0 | 2 |
| | Aberporth ... | 11.6 | -18 | S'E | 3 | b-bc | 75 | 55 | 7 | - | 3 | - | 3 | 3 | - | - | - | 0 | 3 |
| 7 | Penrhos ... | 11.7 | -20 | ESE | 1 | c-bc | 71 | 59 | 8 | 5 | 3 | 1 | 5 | 2 | 5 | 60 | - | 1 | 1 |
| | Holyhead, Valley | 12.7 | -20 | E'S | 1 | c-bc | 71 | 55 | 8 | 5 | 8 | - | 5 | 5 | 2 | 150 | - | 0 | 1 |
| | Hawarden ... | 12.8 | -22 | ESE | 3 | c-bc | 74 | 54 | 7 | - | 7 | 2 | 5 | 4 | 3 | - | - | 0 | * |
| 8 | Manchester | 13.1 | -24 | ESE | 3 | c-bc | 73 | 54 | 8 | - | 9 | - | 5 | 5 | - | 150 | - | 0 | * |
| | Squires Gate | 12.7 | -26 | SE | 3 | 2o | 71 | 53 | 6 | 5 | 3 | 2 | 7 | 4 | 6 | 50 | - | 0 | * |
| | Silloth ... | 13.2 | -18 | S | 2 | bc | 69 | 57 | 7 | - | 3 | - | 4 | 4 | - | - | - | 0 | * |
| 9 | Ashbourne ... | 13.5 | -20 | SE | 3 | c-bc | 72 | 50 | 9 | - | - | | 5 | 5 | - | - | - | 0 | * |
| | Snaith ... | 14.6 | -16 | SE | 4 | bc | 71 | 52 | 8 | - | - | 3 | 4 | - | 4 | - | - | 0 | * |
| 10 | Spurn Head | 16.0 | -22 | SE | 5 | bc | 61 | 55 | 7 | 7 | 3 | 2 | 4 | 3 | 2 | - | 72 | 0 | 3 |
| | Catterick (Sc.) | 15.0 | -12 | SE | 4 | c-bc | 68 | 64 | 8 | - | 7 | 9 | 5 | 4 | 5 | 100 | - | 0 | * |
| | Tynemouth | 15.1 | -20 | SE | 4 | c-bc | 59 | 52 | 7 | 2 | 3 | 1 | 5 | 4 | 4 | 20 | - | 0 | 3 |
| | Acklington | 14.0 | -16 | SSE | 4 | c | 59 | 51 | 7 | - | 7 | 1 | 7 | 7 | 1 | 150 | - | 0 | |
| 11 | St. Abb's Head | 12.9 | -18 | SE | 2 | c | 63 | 56 | 8 | 5 | 5 | - | 7 | 4 | 4 | 45 | - | 0 | 2 |
| | Leuchars ... | 11.9 | -22 | SSW | 3 | 2o | 69 | 56 | 6 | - | 3 | - | 5 | 5 | - | 90 | - | 1 | * |
| | Montrose ... | 12.8 | -20 | S'E | 4 | 2o | 61 | 56 | 5 | - | 9 | 9 | 7 | - | 6 | - | - | 0 | * |
| 12 | Abbotsinch | 11.3 | -18 | WSW | 2 | c-bc | 67 | 55 | 8 | 5 | 7 | - | 5 | 4 | 5 | 40 | - | 1 | * |
| | Prestwick ... | 11.8 | -22 | S | 2 | c/pr | 70 | 52 | 6 | - | 8 | - | 6 | 6 | - | 80 | - | 0 | * |
| | West Freugh | 12.8 | -18 | SE | 2 | c-bc/pr | 64 | 55 | 7 | 5 | 8 | 1 | 5 | 1 | 5 | 60 | - | 0 | * |
| | Eskdalemuir | 12.4 | -20 | SSW | 3 | 2o | 66 | 53 | 6 | - | 3 | 6 | 8 | 1 | 8 | 150 | - | 0 | * |
| | Jurby, I. of Man | 13.7 | -14 | SW | 2 | b-bc | 69 | 50 | 8 | - | 8 | 9 | 3 | 3 | 1 | - | - | 0 | * |
| 13A | Machrihanish | 10.9 | -22 | SSE | 5 | c-bc | 63 | 53 | 7 | 5 | 7 | 2 | 5 | 3 | 4 | 30 | 40 | 0 | 3 |
| | Tiree ... | 09.4 | -22 | SSE | 3 | c-bc | 62 | 58 | 7 | 5 | 8 | 9 | 5 | 3 | 4 | 50 | - | 0 | 2 |
| | Oban ... | 11.3 | -16 | SSW | 1 | bc | 68 | 60 | 7 | 8 | 8 | 2 | 4 | 1 | 3 | 50 | - | 0 | 2 |
| 13B | Stornoway ... | 07.6 | -2 | SSW | 6 | c | 62 | 53 | 8 | 5 | 7 | 8 | 7 | 1 | 4 | 15 | 25 | 0 | 4 |
| | Cape Wrath | 08.5 | -4 | SW | 4 | c | 59 | 50 | 9 | 8 | 7 | - | 7 | 4 | - | 15 | - | 0 | |
| 15 | Dalwhinnie | 10.5 | -20 | SW | 4 | c | 62 | 51 | 7 | 8 | 6 | - | 7 | 5 | 7 | 25 | - | 0 | * |
| | Aberdeen ... | 12.1 | -14 | S'W | 3 | 2o | 61 | 54 | 6 | 5 | 7 | 6 | 6 | 3 | - | 72 | - | 0 | * |
| | Fraserburgh | 11.6 | -14 | S'W | 4 | r.o. | 59 | 55 | 5 | 5 | 7 | - | 8 | 4 | 8 | 30 | - | 0 | * |
| | Alness ... | 09.5 | -12 | SW | 2 | c | 67 | 54 | 8 | 5 | 3 | - | 7 | 4 | 7 | 30 | - | 0 | * |
| | Wick ... | 09.4 | -18 | SE | 2 | c | 59 | 55 | 9 | 5 | 9 | - | 6 | 3 | 6 | 40 | - | 0 | * |
| 16 | Hatston ... | 08.6 | -20 | S'W | 3 | c-bc | 61 | 55 | 9 | 5 | 7 | 8 | 5 | 4 | 4 | 40 | - | * | * |
| | Sumburgh ... | 08.8 | -14 | SSW | 3 | c | 55 | 53 | 8 | 5 | 7 | - | 8 | 3 | 8 | 35 | - | 1 | 3 |
| | Sullom Voe | 08.1 | -6 | SW | 5 | c/r | 59 | 53 | 7 | - | 7 | - | 8 | 7 | - | 35 | - | 1 | * |
| 17 | Blacksod Point | 07.6 | -16 | S'W | 5 | c | 64 | 59 | 6 | 8 | - | - | 7 | 7 | - | 25 | - | 0 | 4 |
| 18 | Malin Head | 08.1 | -26 | SSW | 5 | c-bc | 69 | 61 | 8 | 5 | - | 1 | 5 | 4 | - | 25 | - | 1 | 4 |
| | Aldergrove | 11.0 | -14 | SE'S | 4 | b-bc | 65 | 52 | 7 | - | 8 | 1 | 3 | 3 | 2 | - | - | 0 | * |
| | Cas. Archdale | 10.0 | -12 | SSE | 3 | c-bc | 71 | 56 | 7 | 1 | 8 | 9 | 5 | 4 | 4 | 30 | - | 0 | * |
| 19 | Birr Castle ... | 09.7 | -18 | SSE | 2 | b-bc | 71 | 70 | 8 | 5 | - | - | 3 | 3 | - | 25 | - | 0 | * |
| | Collinstown | 11.2 | -18 | SE'S | 4 | bc | 66 | 49 | 8 | - | 8 | 1 | 4 | - | - | - | - | 0 | * |
| 20 | Foynes ... | 09.0 | -16 | SSE | 4 | 2o | 71 | 59 | 7 | 1 | 4 | 1 | 3 | 1 | - | 46 | - | 0 | * |
| | Valentia ... | 09.5 | -14 | SW | 4 | bc | 65 | 60 | 7 | 2 | 3 | 1 | 4 | 4 | - | 23 | - | 0 | 3 |
| | Roches Point | 11.0 | -12 | S | 3 | 0 | 64 | 63 | 8 | 5 | - | - | 8 | 8 | - | 8 | - | 0 | 3 |

## PAST 24 HOURS

| Stations | Weather. 06h.–12h. 15th (41) | Weather. 12h.–18h. 15th (42) | Weather. 18h. 15th to 00h. 16th (43) | Weather. 00h.–06h. 16th (44) |
|---|---|---|---|---|
| Kew ... | bccbct | bccy | cybcbz bmow | bmow |
| Croydon ... | bcy | bcycy | bzbmo | bmwbmo |
| Boscombe Down | | bcy | bcbzbm | bmow |
| Thorney Island | cybcy | bcy | bcybzbm | bmo |
| Friston ... | | | | |
| Lympne ... | bcc | cbcy | bcybcb | bc |
| Manston ... | bbcvy | bccbc | cbcb | bbcmo |
| North Weald | bcy | bcycy | cbcb | bbmhcfgm |
| Felixstowe ... | bwbbc | bcybc | b | bcmbs |
| Gorleston ... | bc | | bcb | bbc |
| Mildenhall | bbcy | bcybcy | bcyb | bbf |
| Bircham Newton | b | bybcy | bcyb | bbw |
| Cranwell ... | bc | bcvybc | byb | bmbmbf |
| Cranfield ... | bfbmbcy | bcy | b | bmo |
| Honiley ... | bcmobc | bcycy | bcybcb | bbmo |
| Little Rissington | bcmobccy | ybcycy | cbcyb | bfg |
| Shobden ... | bccybcy | | cbcb | bzmbcgw |
| Bristol ... | bcmwbcy | cybcy | cybcbw | bmw |
| Chivenor ... | bcc | cybc | bbmo | bmo |
| Yeovilton | bc | bcbc | bcbbzo | bbzz |
| Portland Bill | c | c | cc | bc |
| Exeter ... | bmobccy | cymo | bcmo | bmo |
| Plymouth ... | bc | bc | b | bbcmo |
| St. Eval ... | bcmo | bcb | bbmo | bcmcmo |
| The Lizard | bczo | bcbzo | bczw | cbczo |
| Scilly, St. Marys | cbcb | bccbc | bbc | cbcw |
| Fairwood ... | ccy | cybcy | bcyb | bmbcmo |
| Pembroke ... | c | bc | bczo | bbfcmo |
| Aberporth ... | bccy | cbcy | | bmo |
| Penrhos ... | bcycy | cy | bbcbcw | bbwcfgm |
| Holyhead, Valley | bcyc | cyc | bcybmo | bmo |
| Hawarden ... | bcmobcy | bcycy | cycbcbc | bbcbcmo |
| Manchester | bbcy | bccy | cby | bybbw |
| Squires Gate | bczczy | bcczoy | czybmo | bbczo |
| Silloth ... | czo | cbcybc | bcbcmo | cbc |
| Ashbourne ... | cmobcmo | bcbcycy | bcycbcb | b |
| Snaith ... | bc | bybcy | bcybcb | bbm |
| Spurn Head | bc | bc | b | bcmo |
| Catterick (Sc.) | bcmobzo | bc | bcbbmo | bmw |
| Tynemouth | bcmoc | c | cbc | cmo |
| Acklington | cmocyzo | c | cbc | bc |
| St. Abb's Head | c | cmoc | cbc | c |
| Leuchars ... | czociro | cirozoczo | czbmo | bmcmo |
| Montrose ... | cmoirom | cmobcmo | cmbcmo | bcmcmw |
| Abbotsinch | cvoromo | cbczocy | cybcmo | bcmw |
| Prestwick ... | cirozo | cybcprozo | czbcb | bbczb |
| West Freugh | cmoc | cbccproc | cbcbw | bbccw |
| Eskdalemuir | cw | bcycyzo | cyzbczo | bcmbw |
| Jurby, I. of Man | cy | cbbcy | b | bcybc |
| Machrihanish | rrc | czrc | bc | bczcr |
| Tiree ... | croroc | cbcc | cbccincmo | croromcmo |
| Oban ... | irocv | cybybcy | bccbc | bccmo |
| Stornoway ... | c | c | cciro | cmoiro |
| Cape Wrath | c | c | c | c |
| Dalwhinnie | cproc | c | * | cproo |
| Aberdeen ... | c | cczo | ciroc | cbcw |
| Fraserburgh | croromo | croro | croromcmo | cmobcmo |
| Alness ... | cirocc | cy | cycirocc | c |
| Wick ... | cirocc | croro cirocc | cciro | cbcc |
| Hatston ... | c | c | circ | bcc |
| Sumburgh ... | r | cirocc | romc | cmoc |
| Sullom Voe | crrproc | cproroc | c | ciromo |
| Blacksod Point | c | c | c | + |
| Malin Head | r | bc | bc | c |
| Aldergrove | cirocbc | cybcy | bcb | bbeirc |
| Cas. Archdale | cpro | cbcy | bccbc | ccimoco |
| Birr Castle ... | bc | b | * | pr |
| Collinstown | bc | bc | b | c |
| Foynes ... | bc | bc | c | c |
| Valentia ... | bc | bc | bc | c |
| Roches Point | bc | c | bc | + |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil 1=Trace 2=1/10 3=1/4 4=1/2 5=3/4 6=9/10 7=More than 9 but with openings. 8=Completely covered. 9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A=Lowest cloud present.
B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

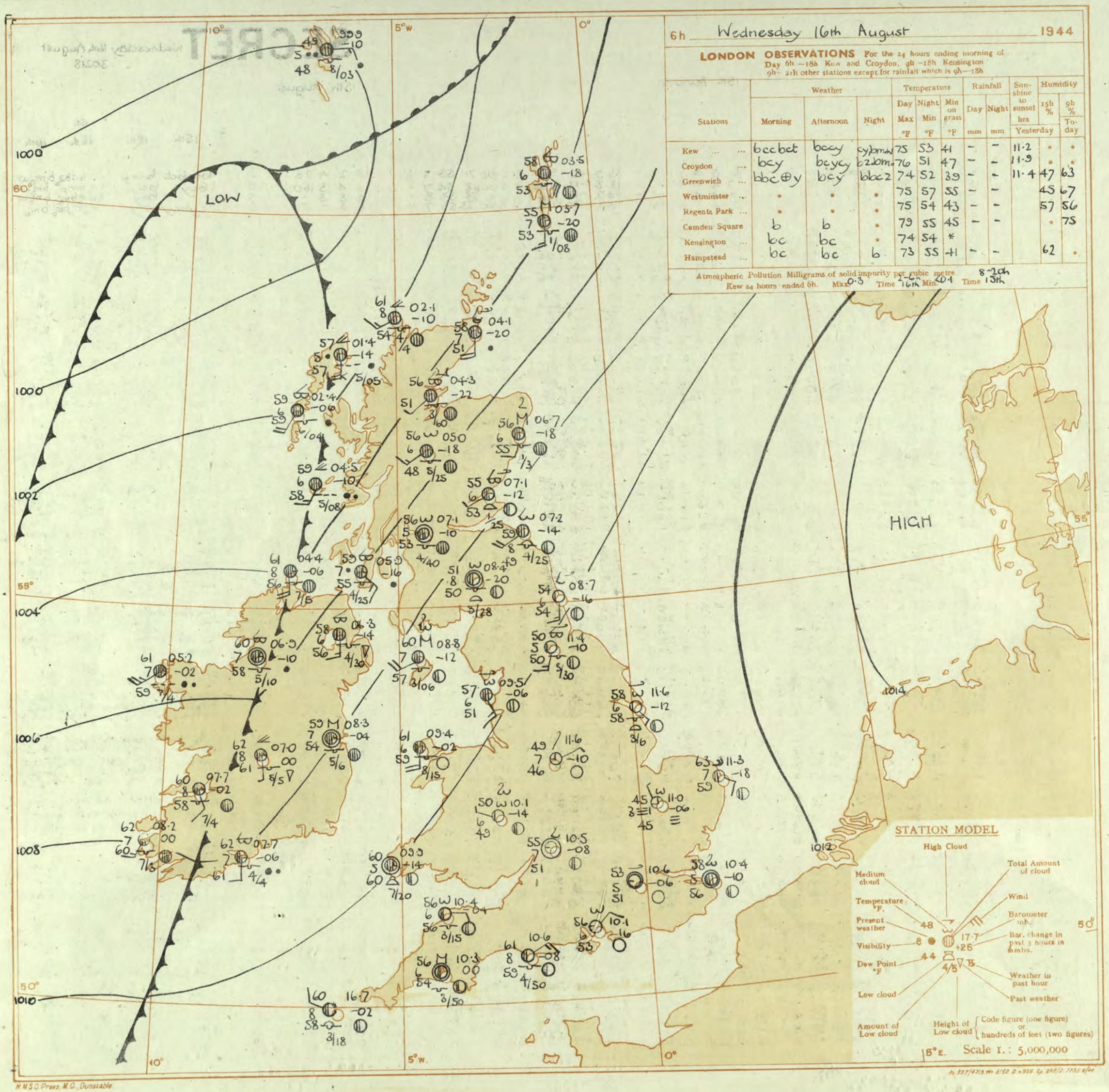
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Wednesday 16th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of
Day 6h –18h Kew and Croydon, 9h –18h Kensington
9h– 21h other stations except for rainfall which is 9h—18h

| Stations | Weather Morning | Weather Afternoon | Weather Night | Temperature Day Max °F | Temperature Night Min °F | Temperature Min on grass °F | Rainfall Day mm | Rainfall Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | bccbct | bccy | cybmw | 75 | 53 | 41 | – | – | 11·2 | • | • |
| Croydon ... | bcy | bcycy | b2bm | 76 | 51 | 47 | – | – | 11·9 | • | • |
| Greenwich ... | bbc⊕y | bcy | bbc2 | 74 | 52 | 39 | – | – | 11·4 | 47 | 63 |
| Westminster ... | • | • | • | 75 | 57 | 55 | – | – | | 45 | 67 |
| Regents Park ... | • | • | • | 75 | 54 | 43 | – | – | | 57 | 56 |
| Camden Square | b | b | • | 79 | 55 | 45 | – | – | | • | 75 |
| Kensington ... | bc | bc | • | 74 | 54 | * | | | | | |
| Hampstead ... | bc | bc | b | 73 | 55 | 41 | – | – | | 62 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max 0·3 Time 2–6h 16th Min. 20·1 Time 8–20h 15th



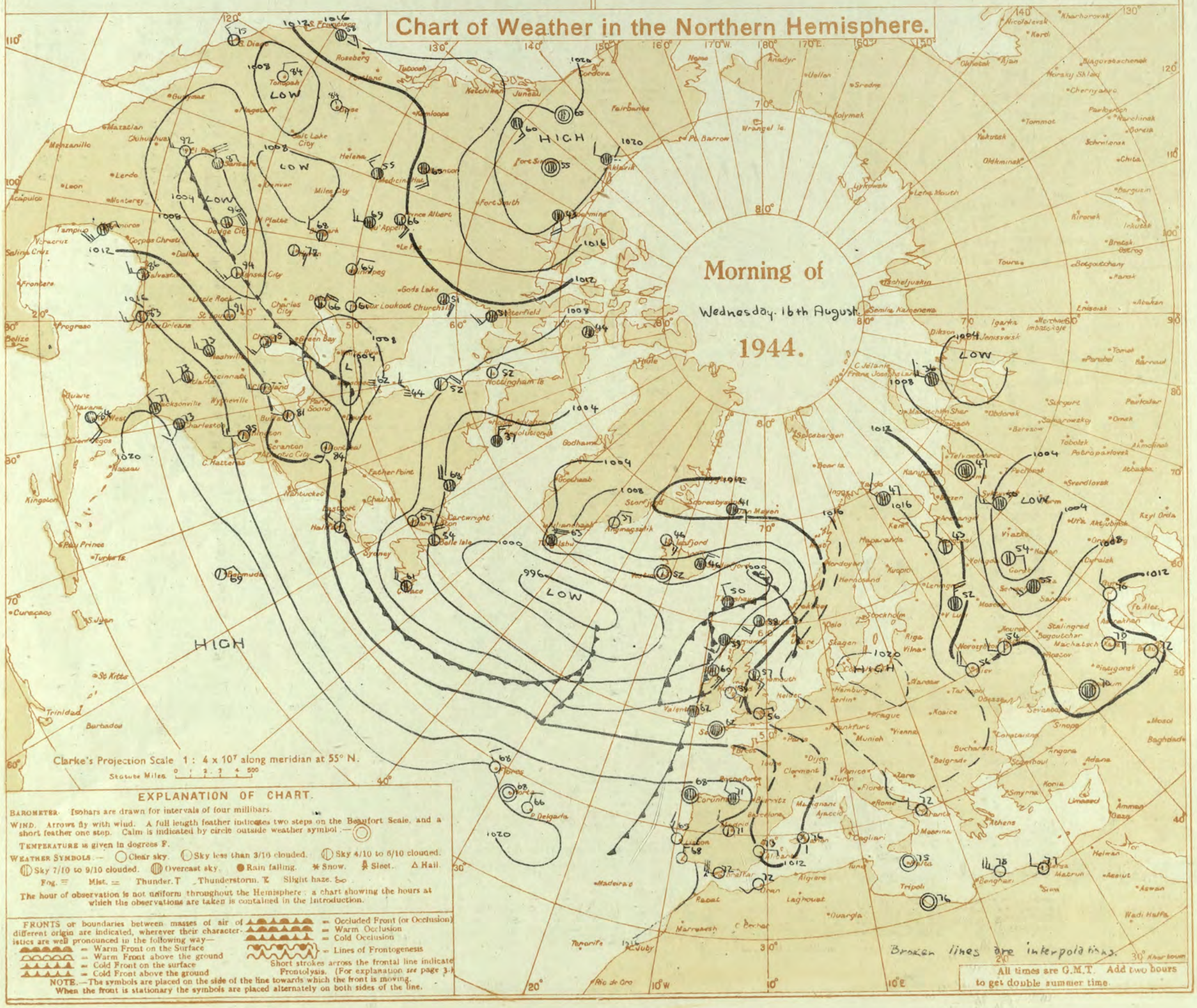

H.M.S.O. Press, M.O., Dunstable.

## GENERAL INFERENCE

Pressure is high to Southwest of the British Isles and a depression south of Faeroesis moving east-north-east. Weather will be mainly fair in the South and Midlands, apart from isolated thunderstorms at first, but there will be a general increase of cloud. In the North, there will be occassional rain. It will be warm.

## FURTHER OUTLOOK

Mainly fine in the South.
Occassional rain in the North.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. T Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere : a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- = Warm Front on the Surface
- = Warm Front above the ground
- = Cold Front on the surface
- = Cold Front above the ground
- = Occluded Front (or Occlusion)
- = Warm Occlusion
- = Cold Occlusion
- = Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Wednesday 16th August 1944

No. 30218

## OBSERVATIONS at 00hr. G.M.T. 16th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A 0–9 (13) | Cloud Amount Low B 0–9 (14) | Height of Base Hundreds of feet A (15) | Height of Base Hundreds of feet B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | * | * | * | * | 61 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 12.5 | -1.4 | E'N | 1 | $Z_0$ | 56 | 53 | 5 | - | - | - | 0 | 0 | 0 | - | · |
| | Boscombe Down | 417 | 13.1 | -6 | ENE | 3 | $Z_0$ | 57 | 53 | 6 | - | - | 1 | 2 | 2 | - | - | - |
| | Thorney Island | 10 | 11.9 | -1.4 | N'E | 2 | $Z_0$ | 58 | 53 | 6 | - | - | - | 0 | 0 | 0 | - | · |
| | Friston | – | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 11.9 | -18 | NE | 4 | b | 65 | 52 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| | Manston | 140 | 12.2 | -10 | E | 3 | b | 63 | 57 | 8 | - | - | - | 0 | 0 | 0 | - | · |
| 2 | North Weald | 244 | 14.2 | -12 | - | 0 | b | 55 | 51 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| | Felixstowe | 10 | 13.7 | -14 | E | 4 | b | 65 | 56 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| | Gorleston | 5 | 15.0 | -16 | E | 4 | bq | 61 | 60 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| | Mildenhall | 15 | 13.1 | -16 | E | 2 | b | 52 | 50 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| | Bircham Newton | 221 | 13.7 | -18 | E'S | 2 | b | 55 | 53 | 8 | - | - | - | 0 | 0 | 0 | - | · |
| | Cranwell | 203 | 13.6 | -8 | N'E | 2 | b | 50 | 48 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| 3 | Cranfield | 340 | 13.7 | -8 | NE | 2 | b | 55 | 49 | 7 | - | 8 | - | 1 | 1 | - | 80 | · |
| | Honiley | 427 | 12.8 | -6 | ESE | 2 | b | 56 | 48 | 8 | - | - | - | 0 | 0 | 0 | - | · |
| 4 | Little Rissington | 731 | 12.5 | -4 | ESE | 2 | b | 56 | 51 | 8 | - | - | - | 0 | 0 | 0 | - | · |
| | Shobden | 318 | 12.2 | -2 | ENE | 1 | b | 57 | 50 | 6 | - | - | - | 0 | 0 | 0 | - | · |
| 5 | Bristol | 209 | 12.7 | +4 | SE | 1 | b | 58 | 53 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| | Chivenor | 20 | 11.6 | -4 | E | 1 | $Z_0$ | 59 | 57 | 6 | - | - | - | 0 | 0 | 0 | - | · |
| | Yeovilton | 50 | 11.8 | -4 | - | 0 | $Z_0$ | 58 | 52 | 6 | - | - | - | 0 | 0 | 0 | - | · |
| | Portland Bill | 32 | 11.9 | -6 | E | 3 | c-bc | 63 | 61 | 8 | 2 | - | - | 5 | 5 | - | 50 | · |
| | Exeter | 100 | 12.6 | +2 | - | 0 | $Z_0$ | 56 | 51 | 6 | - | - | - | 0 | 0 | 0 | - | · |
| | Plymouth | 86 | 11.2 | -10 | E'N | 1 | b | 60 | 54 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| | St. Eval | 345 | 12.1 | 0 | W | 1 | $Z_0$ | 58 | 56 | 6 | - | - | - | 0 | 0 | 0 | - | · |
| | The Lizard | 240 | 11.3 | 0 | - | 0 | $Z_0$ | 59 | 59 | 6 | 4 | - | - | 3 | 3 | - | 25 | · |
| | Scilly, St. Marys | 163 | 11.6 | 0 | - | 0 | c | 62 | 59 | 6 | 5 | - | - | 8 | 8 | - | 40 | · |
| 6 | Fairwood | 268 | 11.8 | +2 | SE | 1 | $Z_0$ | 61 | 58 | 6 | - | - | - | 0 | 0 | 0 | - | · |
| | Pembroke | 142 | 11.3 | 0 | - | 0 | $Z_0$ | 61 | 60 | 6 | 5 | - | - | 3 | 3 | - | 25 | · |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 10.5 | -6 | SE | 2 | b | 62 | 58 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| | Holyhead, Valley | 32 | 10.9 | -10 | ESE | 3 | $Z_0$ | 59 | 52 | 6 | - | - | - | 0 | 0 | 0 | - | · |
| | Hawarden | 15 | 11.4 | -12 | SE | 3 | b | 60 | 49 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| 8 | Manchester | 230 | 12.5 | +2 | SSE | 4 | b-bc | 63 | 46 | 7 | - | 3 | - | 3 | 3 | - | 120 | · |
| | Squires Gate | 30 | 11.1 | -6 | SSE | 4 | $Z_0$ | 61 | 51 | 6 | - | - | - | 0 | 0 | 0 | - | · |
| | Silloth | 25 | 11.7 | -6 | - | 0 | $Z_0$ | 55 | 52 | 6 | - | 3 | - | 4 | 4 | - | - | · |
| 9 | Ashbourne | 590 | 13.5 | -2 | E | 2 | b | 53 | 45 | 8 | - | - | - | 0 | 0 | 0 | - | · |
| | Snaith | 30 | 14.2 | -4 | - | 0 | 0 | 54 | 50 | 8 | - | - | 1 | 1 | 1 | - | 150 | · |
| 10 | Spurn Head | 29 | 14.5 | -6 | SE | 3 | b | 59 | 57 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| | Catterick (Sc.) | 195 | 13.9 | -10 | SE'S | 3 | $Z_0$ | 54 | 54 | 6 | 5 | - | - | 1 | 1 | - | 20 | · |
| | Tynemouth | 108 | 14.2 | -10 | SSE | 3 | bc | 57 | 51 | 7 | 2 | - | - | 4 | 4 | - | 25 | · |
| | Acklington | 138 | 12.2 | -10 | S | 3 | bc | 52 | 49 | 8 | - | 3 | - | 4 | 4 | - | 50 | · |
| 11 | St. Abb's Head | 280 | 11.0 | -12 | S | 2 | bc | 57 | 51 | 7 | 5 | - | - | 4 | 4 | - | 30 | · |
| | Leuchars | 31 | 10.0 | -18 | - | 0 | $Z_0$ | 55 | 51 | 6 | 5 | - | - | 3 | 3 | - | 48 | · |
| | Montrose | 22 | 11.3 | -14 | SSW | 1 | b-bc | 57 | 54 | 6 | 5 | - | - | 3 | 3 | - | 50 | · |
| 12 | Abbotsinch | 19 | 09.6 | -10 | - | 0 | $Z_0$ | 56 | 51 | 6 | 5 | - | - | 3 | 3 | - | 30 | · |
| | Prestwick | 30 | 09.3 | -18 | SE | 3 | $Z_0$ | 57 | 51 | 6 | 5 | - | - | 1 | 1 | - | 40 | · |
| | West Freugh | 53 | 09.6 | -24 | SE | 3 | b | 58 | 54 | 7 | - | - | - | 0 | 0 | 0 | - | · |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 10.8 | -10 | SE | 2 | b-bc | 63 | 52 | 7 | - | 7 | - | 3 | - | 3 | - | · |
| 13A | Machrihanish | 35 | 08.3 | -14 | SE | 4 | b | 59 | 51 | 7 | 5 | 7 | - | 2 | 1 | 2 | 25 | · |
| | Tiree | 44 | 06.5 | -14 | SSE | 4 | $Z_0$ | 59 | 55 | 6 | - | 3 | - | 3 | 3 | - | 100 | · |
| | Oban | 74 | 08.2 | -18 | SE | 1 | bc | 58 | 51 | 8 | 5 | - | - | 4 | 4 | - | 30 | · |
| 13B | Stornoway | 12 | 04.8 | -6 | SSE | 3 | $ir_0$ | 59 | 55 | 7 | 5 | 2 | - | 8 | 3 | 8 | 16 | 57 |
| | Cape Wrath | 367 | 05.6 | -18 | SW | 3 | c | 65 | 50 | 8 | 5 | 2 | - | 8 | 5 | - | 15 | · |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 10.1 | -14 | SSE | 3 | $Z_0$ | 55 | 53 | 6 | - | 7 | - | 4 | 4 | - | - | · |
| | Fraserburgh | 76 | 10.0 | -10 | S | 4 | c/r | 57 | 54 | 6 | 5 | 7 | - | 8 | 4 | 8 | 40 | · |
| | Alness | 63 | 07.8 | -10 | NE | 2 | c | 60 | 53 | 8 | 5 | 7 | - | 8 | 5 | 8 | 60 | · |
| | Wick | 114 | 07.9 | -10 | S | 3 | c/r | 59 | 53 | 8 | 5 | 1 | - | 8 | 4 | 8 | 80 | · |
| 16 | Hatston | 45 | 07.7 | -8 | SW'S | 3 | c | 57 | 55 | 7 | 5 | - | - | 8 | 4 | 5 | 25 | 40 |
| | Sumburgh | 15 | 07.5 | -6 | SW | 2 | c/r | 54 | 53 | 6 | 5 | - | - | 7 | 7 | - | 48 | · |
| | Sullom Voe | 12 | 06.5 | -10 | SW | 4 | c-bc | 58 | 52 | 7 | 5 | 3 | - | 5 | 4 | 4 | 35 | · |
| 17 | Blacksod Point | 18 | 06.0 | -8 | SW'S | 6 | c | 62 | 60 | 6 | 6 | - | - | 7 | 7 | - | 8 | · |
| 18 | Malin Head | 84 | 05.8 | -14 | SE'S | 3 | c-bc | 60 | 52 | 8 | 5 | - | - | 5 | 5 | - | 25 | · |
| | Aldergrove | 294 | 08.6 | -14 | SSE | 3 | b | 59 | 52 | 8 | - | - | - | 0 | 0 | 0 | - | · |
| | Cas. Archdale | 240 | 09.0 | -8 | SSE | 4 | b-bc | 62 | 57 | 7 | 5 | - | - | 3 | 3 | - | 20 | · |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 09.4 | -10 | WSW | 3 | b | 58 | 53 | 8 | - | 4 | - | 1 | - | - | - | · |
| 20 | Foynes | 3 | 08.4 | -8 | SE'E | 3 | c | 62 | 57 | 8 | 5 | 7 | - | 8 | 7 | - | 24 | · |
| | Valentia | 30 | 08.8 | -8 | SSW | 3 | id₀ | 62 | 60 | 6 | 5 | - | - | 8 | 8 | - | 8 | · |
| | Roches Point | 22 | 09.7 | -6 | S | 2 | b-bc | 62 | 61 | 7 | 5 | - | - | 3 | 3 | - | 15 | · |

## OBSERVATIONS at 06hr. G.M.T. 16th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A 0–9 (29) | Cloud Amount Low B 0–9 (30) | Height of Base Hundreds of feet A (31) | Height of Base Hundreds of feet B (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 10.4 | -10 | - | 0 | $Z_0$ | 55 | 53 | 5 | - | 3 | - | 1 | 1 | - | - | - | 0 | * |
| Croydon | 10.6 | -6 | - | 0 | $Z_0$ | 53 | 51 | 5 | - | - | 1 | 1 | 1 | - | - | - | 0 | * |
| Boscombe Down | 11.2 | -10 | ENE | 2 | $Z_0$ | 55 | 53 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| Thorney Island | 10.1 | -16 | NNE | 2 | $Z_0$ | 56 | 53 | 6 | - | 3 | - | 1 | 1 | - | - | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 10.3 | +8 | - | 0 | c-bc | 60 | 54 | 6 | - | 3 | 2 | 5 | 3 | 5 | 150 | - | 0 | 2 |
| Manston | 10.4 | -10 | - | 0 | $Z_0$ | 58 | 56 | 5 | - | - | 9 | 5 | - | - | - | - | 0 | * |
| North Weald | 11.6 | -12 | - | 0 | $Z_0$ | 52 | 52 | 5 | - | 3 | 9 | 2 | 1 | 2 | 80 | - | 0 | * |
| Felixstowe | 11.2 | -10 | ENE | 1 | $Z_0$ | 61 | 58 | 6 | - | 9 | 9 | 6 | 5 | 6 | 180 | - | 0 | 1 |
| Gorleston | 11.3 | -18 | ESE | 2 | bc | 63 | 59 | 7 | - | - | - | 4 | 4 | - | 200 | - | 0 | 3 |
| Mildenhall | 11.0 | -6 | NNW | 1 | bf- | 45 | 45 | 3 | - | 3 | - | 2 | 1 | - | 120 | - | 0 | * |
| Bircham Newton | 11.3 | -8 | SSE | 2 | b | 55 | 53 | 7 | - | 8 | 1 | 2 | 1 | 1 | - | - | 0 | * |
| Cranwell | 11.0 | -10 | - | 0 | bf+ | 48 | 48 | 3 | - | - | - | 0 | 0 | 0 | - | - | 1 | * |
| Cranfield | 11.8 | -8 | - | 0 | $Z_0$ | 50 | 49 | 6 | - | 7 | - | 1 | 1 | - | 80 | - | 0 | * |
| Honiley | 10.7 | -10 | E | 2 | $Z_0$ | 52 | 49 | 6 | - | 4 | - | 2 | 2 | - | - | - | 0 | * |
| Little Rissington | 10.5 | -8 | - | 0 | b | 55 | 51 | 7 | - | 4 | - | 1 | 1 | - | - | - | 0 | * |
| Shobden | 10.1 | -14 | WNW | 1 | $Z_0$ | 50 | 49 | 6 | - | 3 | 9 | 3 | 2 | 2 | - | - | 0 | * |
| Bristol | 11.5 | -2 | SE | 1 | $Z_0$ | 51 | 51 | 6 | - | 4 | - | 1 | 1 | - | - | - | 0 | * |
| Chivenor | 10.4 | -4 | E | 2 | $Z_0$ | 56 | 56 | 6 | 5 | 3 | - | 4 | 3 | 3 | 15 | - | 0 | * |
| Yeovilton | 10.4 | -6 | - | 0 | $Z_0$ | 50 | 50 | 6 | 5 | - | - | 1 | 1 | - | 30 | - | 0 | * |
| Portland Bill | 10.6 | -8 | NE | 3 | bc | 61 | 59 | 8 | 5 | - | - | 4 | 4 | - | 50 | - | 1 | 3 |
| Exeter | 11.7 | -2 | E | 1 | $Z_0$ | 52 | 50 | 5 | 5 | - | 9 | 4 | 1 | 4 | 20 | - | 0 | * |
| Plymouth | 10.3 | 0 | - | 0 | $Z_0$ | 56 | 54 | 6 | 5 | 8 | - | 4 | 3 | 2 | 50 | - | 0 | 1 |
| St. Eval | 11.0 | +2 | W | 1 | $Z_0$ | 60 | 57 | 5 | 5 | - | - | 7 | 6 | 4 | 8 | 40 | 0 | * |
| The Lizard | 10.6 | -2 | WNW | 3 | $Z_0$ | 61 | 58 | 6 | 4 | - | - | 4 | 4 | - | 25 | - | 0 | 3 |
| Scilly, St. Marys | 16.7 | -2 | WNW | 2 | bc | 60 | 58 | 8 | 5 | 4 | - | 4 | 3 | 3 | 10 | 57 | 0 | 2 |
| Fairwood | 10.8 | -4 | SE | 1 | $Z_0$ | 57 | 55 | 6 | - | 3 | - | 3 | 3 | - | - | - | 0 | * |
| Pembroke | 09.9 | -14 | - | 0 | $Z_0$ | 60 | 60 | 5 | 2 | - | - | 7 | 7 | - | 20 | - | 0 | 3 |
| Aberporth | 10.1 | -8 | SW'S | 1 | b-bc | 57 | 55 | 7 | - | 3 | 9 | 3 | 1 | 2 | 160 | - | 1 | 2 |
| Penrhos | 09.5 | -2 | SE | 3 | bcjf | 59 | 58 | 6 | 5 | 7 | 9 | 4 | 3 | 2 | 20 | - | 0 | 1 |
| Holyhead, Valley | 09.4 | -2 | S | 4 | $Z_0$ | 61 | 59 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 0 | 2 |
| Hawarden | 10.1 | -4 | SE | 2 | bc | 54 | 50 | 6 | 2 | 6 | 9 | 4 | 3 | 3 | 40 | - | 0 | * |
| Manchester | 10.7 | -8 | - | 0 | bc | 53 | 50 | 7 | - | 3 | 1 | 4 | 1 | 4 | 150 | - | 0 | * |
| Squires Gate | 09.5 | -6 | SSE | 3 | $Z_0$ | 57 | 51 | 6 | - | 3 | 1 | 5 | - | 5 | 130 | - | 0 | * |
| Silloth | 09.7 | -10 | S | 2 | $Z_0$ | 57 | 53 | 6 | - | 8 | 1 | 4 | 3 | 4 | 80 | - | 0 | * |
| Ashbourne | 11.6 | -10 | ENE | 1 | b | 49 | 46 | 7 | - | - | 4 | 2 | 2 | - | 180 | - | 0 | * |
| Snaith | 11.5 | -14 | ESE | 1 | m | 49 | 48 | 4 | - | - | 1 | 1 | 1 | - | 250 | - | 1 | * |
| Spurn Head | 11.6 | -12 | SE'E | 1 | $Z_0$ | 58 | 58 | 6 | 7 | 3 | 1 | 3 | 3 | 2 | 40 | - | 0 | 1 |
| Catterick (Sc.) | 11.4 | -10 | S'W | 3 | $Z_0$ | 50 | 50 | 5 | 5 | 7 | 1 | 3 | 3 | 3 | 30 | - | 0 | * |
| Tynemouth | 08.7 | -16 | S | 3 | $Z_0$ | 54 | 54 | 6 | - | 4 | 1 | 3 | 3 | - | - | - | 0 | 3 |
| Acklington | 09.9 | -14 | SSE | 1 | $Z_0$ | 51 | 50 | 5 | 5 | 3 | 9 | 5 | 1 | 4 | 50 | - | 0 | * |
| St. Abb's Head | 07.2 | -14 | SW | 4 | c-bc | 59 | 49 | 8 | 4 | 5 | - | 5 | 4 | 3 | 25 | - | 0 | 3 |
| Leuchars | 07.1 | -12 | SW | 1 | $Z_0$ | 55 | 53 | 6 | 1 | 7 | 2 | 6 | 1 | 5 | 25 | - | 1 | * |
| Montrose | 08.1 | -12 | W | 2 | $Z_0$ | 54 | 52 | 6 | - | 7 | 9 | 5 | - | 4 | - | - | 0 | * |
| Abbotsinch | 07.1 | -10 | - | 0 | $Z_0$ | 56 | 53 | 5 | 5 | 3 | - | 5 | 4 | 5 | 40 | - | 1 | * |
| Prestwick | 07.0 | -8 | - | 0 | $Z_0$ | 60 | 54 | 6 | 5 | 9 | 2 | 7 | 4 | 5 | 30 | - | 0 | * |
| West Freugh | 07.6 | 6 | SSW | 2 | $Z_0$ | 58 | 56 | 6 | - | 7 | 9 | 5 | 4 | 2 | 90 | - | 0 | * |
| Eskdalemuir | 08.4 | -20 | - | 0 | bc | 51 | 50 | 8 | 7 | 3 | - | 4 | 3 | 2 | 28 | - | 0 | * |
| Jurby, I. of Man | 08.8 | -12 | SW | 4 | c-bc | 60 | 57 | 7 | 5 | 8 | 9 | 5 | 3 | 2 | 6 | 15 | 0 | * |
| Machrihanish | 05.9 | -16 | SE'E | 3 | $ir_0$ | 59 | 55 | 7 | 5 | 7 | - | 7 | 4 | - | 25 | - | 0 | 2 |
| Tiree | 04.5 | -10 | S'W | 3 | c/r | 59 | 58 | 6 | 6 | 2 | - | 8 | 5 | 8 | 8 | 15 | 1 | |
| Oban | 05.3 | -14 | SSW | 2 | $Z_0$ | 59 | 53 | 6 | 5 | 7 | - | 8 | 5 | 8 | 20 | - | 0 | 1 |
| Stornoway | 01.4 | -14 | S | 4 | $ir_0$ | 57 | 57 | 5 | 6 | 2 | - | 8 | 5 | 8 | 5 | 15 | 1 | 3 |
| Cape Wrath | 02.1 | -10 | SW | 3 | c-bc | 61 | 54 | 8 | 5 | 2 | - | 5 | 4 | - | 15 | - | 1 | 3 |
| Dalwhinnie | | -18 | SW | 3 | $Z_0$ | 56 | 48 | 6 | 5 | 3 | - | 8 | 5 | 8 | 25 | - | 0 | * |
| Aberdeen† | 06.7 | -18 | S'W | 2 | $Z_0$ | 56 | 55 | 6 | 5 | 8 | 6 | 5 | 1 | 3 | 8 | - | 1 | 2 |
| Fraserburgh | 06.7 | -18 | S'W | 3 | $Z_0$ | 55 | 53 | 5 | 2 | 3 | 9 | 7 | 2 | 7 | 35 | - | 0 | * |
| Alness | 04.3 | -22 | SW | 1 | c | 56 | 51 | 8 | 5 | 7 | 7 | 8 | 3 | 5 | 60 | - | 0 | * |
| Wick | 04.1 | -20 | S | 4 | c | 58 | 51 | 7 | - | 9 | 2 | 7 | 1 | 4 | - | - | 0 | * |
| Hatston | 03.5 | -16 | SW'S | 4 | $Z_0$ | 57 | 53 | 6 | 5 | 7 | 8 | 7 | 3 | 6 | 40 | - | * | * |
| Sumburgh | 03.7 | -20 | S | 3 | c | 55 | 53 | 7 | 5 | 8 | - | 6 | 1 | 6 | 8 | - | 1 | 3 |
| Sullom Voe | 03.5 | -18 | ESE | 5 | $Z_0$ | 58 | 53 | 6 | 5 | 7 | - | 8 | 4 | 8 | 50 | - | 1 | * |
| Blacksod Point | 05.2 | -2 | SW | 5 | c/r | 61 | 59 | 7 | 6 | - | - | 7 | 7 | - | 15 | - | 1 | 4 |
| Malin Head | 04.4 | -6 | SE | 4 | c | 61 | 56 | 8 | 5 | - | - | 7 | 7 | - | 25 | - | 1 | 2 |
| Aldergrove | 06.3 | -14 | S | 3 | $Z_0$ | 58 | 56 | 6 | 5 | 7 | - | 8 | 4 | 8 | 30 | - | 0 | * |
| Cas. Archdale | 06.9 | -10 | - | 0 | c | 60 | 58 | 7 | 5 | 7 | - | 7 | 5 | 6 | 10 | 25 | 1 | * |
| Birr Castle | 07.0 | 0 | S | 1 | c | 62 | 61 | 8 | 5 | 2 | - | 7 | 5 | - | 25 | - | 0 | * |
| Collinstown | 08.3 | -4 | - | 0 | c | 59 | 54 | 7 | 5 | 8 | - | 7 | 5 | - | 35 | - | 0 | * |
| Foynes | 07.7 | -2 | SSE | 2 | c | 60 | 58 | 8 | 5 | - | - | 7 | 7 | - | 18 | - | 1 | * |
| Valentia | 08.2 | 0 | SSW | 3 | c | 62 | 60 | 7 | 5 | - | - | 7 | 7 | - | 8 | - | 1 | |
| Roches Point | 07.7 | -6 | S | 2 | c/r | 62 | 61 | 7 | 5 | 7 | - | 6 | 4 | - | 15 | - | 1 | |

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h-18h °F. (35) | Temperature Min. Night 18h-6h °F. (36) | Temperature Min. on Grass °F. (37) | Rainfall Day 6h-18h mm. (38) | Rainfall Night 18h-6h mm. (39) | Sunshine 15th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew | 75 | 53 | 41 | - | - | 11.2 |
| Croydon | 76 | 51 | 47 | - | - | 11.9 |
| Boscombe Down | 80 | 55 | 50 | - | - | 12.0 |
| Thorney Island | 79 | 53 | 49 | - | - | * |
| Friston | | | | | | |
| Lympne | 73 | 56 | 46 | - | - | 13.1 |
| Manston | 69 | 57 | 49 | - | - | 12.3 |
| North Weald | 72 | 50 | * | * | * | * |
| Felixstowe | 69 | 60 | 54 | - | Tr | 13.5 |
| Gorleston | 64 | 62 | 55 | - | - | 12.1 |
| Mildenhall | 76 | 43 | 39 | - | - | 11.8 |
| Bircham Newton | 73 | 55 | 45 | - | - | * |
| Cranwell | 75 | 45 | 34 | - | - | 11.9 |
| Cranfield | 75 | 46 | 44 | - | - | * |
| Honiley | 73 | 45 | 35 | - | - | * |
| Little Rissington | * | 53 | 44 | - | - | * |
| Shobden | | 48 | 42 | - | - | * |
| Bristol | 81 | 50 | 47 | - | - | * |
| Chivenor | 80 | 55 | 46 | - | - | * |
| Yeovilton | 80 | 49 | 44 | - | - | * |
| Portland Bill | 66 | 60 | * | - | - | * |
| Exeter | 74 | 57 | 49 | - | - | * |
| Plymouth | 72 | 56 | 45 | - | - | 12.4 |
| St. Eval | 74 | 56 | 50 | - | - | * |
| The Lizard | 69 | 57 | * | - | - | 12.0 |
| Scilly, St. Marys | 72 | 58 | * | - | - | 11.5 |
| Fairwood | * | 56 | 47 | - | - | * |
| Pembroke | 71 | 58 | * | - | - | 6.8 |
| Aberporth | 76 | 56 | 51 | - | - | 9.1 |
| Penrhos | 74 | 57 | 34 | - | - | * |
| Holyhead, Valley | 74 | 57 | 51 | - | - | * |
| Hawarden | 76 | 54 | 47 | - | - | 8.8 |
| Manchester | 74 | 51 | 45 | - | - | * |
| Squires Gate | 73 | 55 | 54 | - | - | * |
| Silloth | 72 | 54 | * | - | - | * |
| Ashbourne | 74 | 47 | 41 | - | - | * |
| Snaith | 75 | 46 | 38 | - | - | * |
| Spurn Head | 70 | 57 | * | - | - | 11.7 |
| Catterick (Sc.) | 74 | 50 | 44 | - | Tr | 7.8 |
| Tynemouth | 69 | 54 | 52 | - | - | |
| Acklington | 70 | 49 | 47 | - | - | * |
| St. Abb's Head | 60 | 55 | * | - | - | * |
| Leuchars | 71 | 54 | 45 | Tr | - | 2.6 |
| Montrose | 67 | 51 | 42 | Tr | - | * |
| Abbotsinch | 72 | 54 | 47 | 0.3 | Tr | 2.2 |
| Prestwick | 73 | 56 | 53 | - | - | * |
| West Freugh | 68 | 56 | 47 | Tr | - | * |
| Eskdalemuir | 71 | 50 | 44 | - | - | 5.9 |
| Jurby, I. of Man | 74 | 58 | 50 | - | - | * |
| Machrihanish | 66 | 58 | 56 | 0.2 | Tr | * |
| Tiree | 65 | 57 | 55 | Tr | 1 | 5.1 |
| Oban | 70 | 57 | * | * | - | * |
| Stornoway | 65 | 57 | 55 | - | 1 | 0.5 |
| Cape Wrath | 62 | 61 | * | - | Tr | * |
| Dalwhinnie | 66 | 52 | 49 | 0.1 | Tr | 1.0 |
| Aberdeen† | 63 | 54 | 48 | Tr | Tr | 5.5 |
| Fraserburgh | 63 | 54 | 53 | 0.2 | Tr | * |
| Alness | 68 | 54 | 50 | Tr | Tr | * |
| Wick | 64 | 56 | 52 | 0.3 | Tr | * |
| Hatston | * | * | * | * | * | * |
| Sumburgh | 57 | 53 | 51 | 7 | 0.4 | |
| Sullom Voe | 60 | 56 | 55 | 0.1 | Tr | * |
| Blacksod Point | 69 | 59 | * | - | 2 | * |
| Malin Head | 72 | 56 | * | 0.1 | - | 5.0 |
| Aldergrove | 73 | 56 | 49 | Tr | Tr | 7.1 |
| Cas. Archdale | 74 | 58 | 57 | Tr | 0.6 | * |
| Birr Castle | 75 | 58 | 55 | - | 1 | 10.1 |
| Collinstown | 71 | 56 | 45 | - | Tr | 2.5 |
| Foynes | 75 | 60 | 57 | Tr | 1 | 9.1 |
| Valentia | 71 | 61 | 59 | - | 1 | 11.6 |
| Roches Point | 67 | 61 | * | Tr | 2 | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/16; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 15/16; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Thursday 17th August 1944

No. 30219

## OBSERVATIONS at 12h. G.M.T. 16th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F (6) | Dew Point °F (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Med. (10) | High (11) | Amount Total 0-9 (12) | Low A 0-9 (13) | Low B 0-9 (14) | Height of Base Hundreds of feet A (15) | B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 09·3 | −8 | SW | 2 | b | 74 | 55 | 7 | − | − | − | 0 | 0 | 0 | − | − |
| | Croydon | 08·9 | −12 | SSW | 2 | b | 81 | 59 | 6 | 1 | − | − | 1 | 1 | − | 40 | − |
| | Boscombe Down | 09·9 | −6 | SW | 2 | bbc | 79 | 56 | 7 | − | 8 | 2 | 3 | 1 | 3 | − | − |
| | Thorney Island | 10·4 | +2 | S | 3 | b-bc | 76 | 63 | 7 | − | − | 9 | 3 | 3 | − | − | − |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 10·3 | +2 | S | 2 | zo | 77 | 61 | 6 | − | − | 9 | 3 | 3 | − | 200 | − |
| | Manston | 09·7 | +2 | SE | 1 | zo | 77 | 59 | 6 | − | − | − | 5 | 5 | − | − | − |
| 2 | North Weald | 09·5 | −8 | S | 3 | zo | 81 | 50 | 6 | − | − | − | 0 | 0 | 0 | − | − |
| | Felixstowe | 09·9 | −6 | SSE | 2 | zo | 74 | 59 | 6 | − | − | 9 | 3 | 3 | − | 220 | − |
| | Gorleston | 10·3 | −2 | ESE | 3 | zo | 67 | 65 | 6 | − | 4 | − | 3 | 3 | − | 80 | − |
| | Mildenhall | 09·1 | −10 | SSW | 1 | b | 81 | 54 | 8 | − | − | 1 | 1 | 1 | − | 200 | − |
| | Bircham Newton | 09·0 | −10 | SW | 2 | b | 77 | 53 | 7 | − | − | 1 | 2 | 2 | − | − | − |
| | Cranwell | 08·6 | −10 | SW | 1 | zo | 79 | 58 | 6 | − | − | 1 | 1 | − | 1 | − | − |
| 3 | Cranfield | 09·3 | −14 | SSE | 2 | b | 79 | 50 | 7 | − | 8 | − | 1 | 1 | 1 | 100 | − |
| | Honiley | 08·7 | −10 | SW | 3 | zo | 78 | 51 | 6 | − | 8 | − | 2 | 2 | − | − | − |
| 4 | Little Rissington | 08·5 | −8 | SSW | 2 | bbc | 76 | 51 | 7 | 4 | 5 | 1 | 3 | 1 | 3 | 30 | − |
| | Shobden | 09·3 | −18 | WNW | 3 | b | 76 | 56 | 7 | 1 | 4 | − | 2 | 1 | 1 | − | − |
| 5 | Bristol | 10·2 | 0 | W | 3 | zo | 75 | 57 | 6 | − | − | 1 | 2 | 2 | − | − | − |
| | Chivenor | 11·4 | +6 | W'N | 3 | cbc | 71 | 65 | 8 | 1 | 5 | 2 | 5 | 2 | 4 | 20 | − |
| | Yeovilton | 10·2 | 0 | W | 2 | b | 76 | 61 | 7 | − | − | 1 | 1 | − | 1 | − | − |
| | Portland Bill | 11·7 | +4 | W | 2 | bc | 65 | 60 | 8 | 5 | − | − | 4 | 4 | − | 50 | − |
| | Exeter | 11·0 | +2 | NNW | 4 | zo | 72 | 59 | 6 | − | 4 | 6 | 3 | 1 | 3 | 80 | − |
| | Plymouth | 12·9 | +2 | WSW | 3 | zo | 66 | 60 | 6 | 5 | − | − | 5 | 4 | 2 | 15 | − |
| | St. Eval | 11·9 | +2 | WSW | 3 | id. | 65 | 63 | 6 | 5 | − | − | 8 | 5 | 6 | 5 | 15 |
| | The Lizard | 12·0 | +10 | SW | 4 | d/d | 66 | 63 | 6 | 5 | − | − | 8 | 8 | − | 4 | − |
| | Scilly, St. Marys | 12·2 | +10 | WSW | 3 | cbc | 70 | 64 | 8 | 2 | 7 | 2 | 5 | 3 | 3 | 12 | 57 |
| 6 | Fairwood | 10·7 | 0 | SW | 3 | bc | 69 | 57 | 7 | 5 | − | 2 | 4 | 3 | 3 | 25 | − |
| | Pembroke | 10·6 | +6 | S'W | 3 | rF | 63 | 63 | 1 | − | − | − | 9 | 9 | − | 0 | − |
| | Aberporth | 09·9 | −2 | W'N | 2 | c | 68 | 59 | 7 | 5 | − | − | 8 | 8 | − | 30 | − |
| 7 | Penrhos | 09·6 | +2 | SW | 3 | id. | 65 | 61 | 6 | 5 | − | − | 8 | 4 | 8 | 10 | 40 |
| | Holyhead, Valley | 09·6 | +2 | S | w | c/r | 61 | 60 | 5 | 5 | − | − | 8 | 4 | 8 | 10 | 15 |
| | Hawarden | 08·2 | −14 | NW | 3 | zo | 74 | 53 | 6 | 2 | 6 | 9 | 4 | 2 | 2 | 30 | − |
| 8 | Manchester | 08·5 | −10 | WSW | 3 | zo | 75 | 53 | 6 | − | 4 | − | 2 | 2 | − | 150 | − |
| | Squires Gate | 09·2 | +2 | WNW | 2 | zo | 70 | 60 | 6 | − | 8 | − | 4 | 4 | 4 | 100 | − |
| | Silloth | 07·8 | −8 | SW | 5 | zo | 67 | 61 | 6 | 5 | 7 | − | 5 | 3 | 4 | 55 | − |
| 9 | Ashbourne | 09·1 | −10 | SSE | 3 | b | 75 | 54 | 7 | − | − | − | 0 | 0 | 0 | − | − |
| | Snaith | 08·6 | −14 | SSE | 2 | zo | 77 | 55 | 6 | − | 8 | − | 3 | 1 | − | 140 | − |
| 10 | Spurn Head | 09·7 | −8 | SE | 3 | bbc | 73 | 61 | 7 | 1 | − | − | 3 | 3 | − | − | − |
| | Catterick (Sc.) | 08·1 | −18 | SSE | 3 | zo | 75 | 55 | 6 | 2 | 7 | 1 | 2 | 1 | 2 | 30 | − |
| | Tynemouth | 08·3 | −2 | SE | 3 | zo | 65 | 56 | 6 | 2 | 3 | − | 3 | 3 | 2 | 22 | − |
| | Acklington | 07·3 | −14 | SSW | 3 | zo | 75 | 57 | 5 | 1 | 7 | 5 | 4 | 1 | 4 | 50 | − |
| 11 | St. Abb's Head | 06·3 | −2 | SW | 3 | cbc | 71 | 55 | 8 | 7 | 4 | − | 5 | 4 | 3 | 35 | − |
| | Leuchars | 05·7 | −8 | WSW | 3 | iro | 67 | 58 | 6 | 5 | 7 | − | 8 | 4 | 8 | 40 | − |
| | Montrose | 06·4 | −6 | SW | 3 | zo | 69 | 57 | 6 | 5 | − | − | 7 | 7 | − | 40 | − |
| 12 | Abbotsinch | 06·8 | −2 | WSW | 3 | roro | 61 | 59 | 6 | 5 | 7 | − | 8 | 4 | 8 | 20 | − |
| | Prestwick | 07·0 | +4 | SSW | 3 | iro | 62 | 60 | 6 | 9 | 2 | − | 8 | 5 | 6 | 14 | 25 |
| | West Freugh | 07·6 | −2 | SSW | 3 | iro | 60 | 59 | 6 | 5 | 7 | − | 8 | 3 | 4 | 5 | 25 |
| | Eskdalemuir | 07·0 | −2 | S | 4 | zo | 63 | 57 | 6 | 5 | − | − | 7 | 7 | − | 21 | − |
| | Jurby, I. of Man | 08·4 | 0 | SW | 4 | c/r | 63 | 48 | 7 | 5 | 2 | − | 8 | 4 | 8 | 60 | − |
| 13A | Machrihanish | 06·0 | −4 | S | 3 | zo | 65 | 59 | 6 | 7 | 7 | − | 7 | 3 | 5 | 10 | 25 |
| | Tiree | 05·0 | +4 | SW'S | 3 | c | 61 | 60 | 7 | 5 | 7 | − | 8 | 4 | 4 | 4 | 25 |
| | Oban | 05·6 | −2 | SW | 1 | c | 68 | 58 | 6 | 5 | 7 | − | 8 | 4 | 6 | 30 | − |
| 13B | Stornoway | 01·4 | +2 | SSW | 5 | iro | 60 | 59 | 6 | 6 | 7 | − | 7 | 4 | 6 | 6 | 15 |
| | Cape Wrath | 01·4 | −6 | SW | 4 | cbc | 59 | 57 | 8 | 5 | 4 | − | 5 | 4 | − | 15 | − |
| 15 | Dalwhinnie | 04·7 | −4 | SW | 3 | o | 59 | 55 | 6 | 5 | − | − | 8 | 8 | − | 20 | − |
| | Aberdeen | 05·2 | −14 | SSW | 2 | zo | 66 | 55 | 6 | 5 | 8 | 9 | 7 | 4 | 5 | − | − |
| | Fraserburgh | 05·1 | −6 | S | 4 | zo | 64 | 57 | 6 | 5 | 7 | − | 7 | 5 | 7 | 30 | − |
| | Alness | 03·4 | −2 | SW | 4 | c | 67 | 57 | 7 | 7 | 7 | 2 | 7 | 3 | 5 | 25 | 40 |
| | Wick | 03·2 | −2 | SSW | 4 | c/r | 61 | 54 | 6 | 5 | 1 | − | 7 | 3 | 7 | 40 | − |
| 16 | Hatston | 02·7 | −2 | SW | 4 | zo | 61 | 56 | 6 | 5 | 7 | − | 7 | 4 | 7 | 30 | − |
| | Sumburgh | 02·5 | −2 | SSW | 4 | zo | 57 | 54 | 6 | − | 7 | − | 8 | 6 | 8 | 60 | − |
| | Sullom Voe | 01·4 | −4 | SW | 4 | iro | 59 | 54 | 6 | 5 | 2 | − | 8 | 4 | 8 | 30 | − |
| 17 | Blacksod Point | 06·1 | +4 | SW | 5 | c | 64 | 59 | 8 | 6 | − | − | 6 | 6 | − | 15 | − |
| 18 | Malin Head | 05·2 | +6 | W | 1 | id. | 62 | 60 | 8 | 5 | − | − | 8 | 8 | − | 8 | − |
| | Aldergrove | 06·7 | −2 | SSW | 3 | c | 66 | 60 | 7 | 5 | 7 | − | 7 | 3 | 5 | 12 | 25 |
| | Cas. Archdale | 07·2 | 0 | SW | 1 | c/r | 63 | 59 | 8 | 5 | 7 | − | 8 | 4 | 5 | 18 | 40 |
| 19 | Birr Castle | 07·7 | +2 | SW | 2 | c | 69 | 57 | 8 | 8 | 7 | − | 6 | 5 | − | 15 | − |
| | Collinstown | 08·1 | −2 | WSW | 3 | c | 69 | 57 | 9 | 2 | 3 | 9 | 7 | 5 | − | 27 | − |
| 20 | Foynes | 08·6 | +4 | W'N | 3 | c/pr | 66 | 58 | 8 | 8 | 3 | − | 7 | 4 | − | 23 | − |
| | Valentia | 09·7 | +6 | SW'W | 3 | cbc | 66 | 58 | 8 | 2 | 4 | 1 | 5 | 5 | − | 19 | − |
| | Roches Point | 09·3 | +2 | WSW | 3 | cbc/pr | 66 | 64 | 8 | 3 | − | − | 5 | 5 | − | 15 | − |

## OBSERVATIONS at 18h. G.M.T. 16th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A 0-9 (29) | Low B 0-9 (30) | Height of Base Hundreds of feet A (31) | B (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 09·3 | 0 | WSW | 3 | bc | 80 | 54 | 7 | 8 | − | − | 4 | 4 | − | 31 | − | 0 | * |
| Croydon | 08·9 | +6 | S | 3 | bc | 80 | 59 | 7 | 1 | 6 | 3 | 4 | 3 | 3 | 30 | − | 0 | * |
| Boscombe Down | 10·5 | +10 | WNW | 4 | bc | 74 | 59 | 8 | − | 4 | 6 | 4 | 3 | 4 | − | − | 0 | * |
| Thorney Island | 10·5 | +2 | ESE | 3 | zo | 71 | 62 | 6 | − | − | 2 | 4 | 4 | − | − | − | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 10·3 | +4 | SSW | 3 | zo | 66 | 61 | 6 | − | 8 | 1 | 1 | 1 | 2 | 81 | − | 0 | § |
| Manston | 08·8 | −4 | SW'S | 4 | zo | 76 | 61 | 6 | − | 4 | − | 2 | 2 | − | − | − | 0 | * |
| North Weald | 08·6 | −2 | SSW | 2 | zo | 83 | 59 | 6 | − | 3 | − | 2 | 2 | − | 78 | − | 0 | * |
| Felixstowe | 08·2 | −6 | S'W | 2 | zo | 73 | 66 | 6 | − | − | − | 0 | 0 | 0 | − | − | 0 | 1 |
| Gorleston | 08·5 | −18 | ENE | 2 | zo | 69 | 63 | 6 | − | − | − | 0 | 0 | 0 | − | − | 0 | 2 |
| Mildenhall | 07·3 | −6 | W | 2 | bc | 83 | 56 | 8 | − | − | 1 | 1 | 1 | − | 90 | − | 0 | * |
| Bircham Newton | 07·8 | −2 | ENE | 2 | bc | 76 | 57 | 7 | − | − | − | 0 | 0 | 0 | − | − | 0 | * |
| Cranwell | 07·1 | −2 | W | 2 | zo | 79 | 59 | 6 | 5 | 3 | 6 | 6 | 3 | 6 | 45 | − | 0 | * |
| Cranfield | 08·4 | +4 | SW | 4 | bc | 78 | 54 | 7 | − | 3 | 1 | 3 | 2 | 2 | 80 | − | 0 | * |
| Honiley | 08·1 | +2 | W | 4 | bc | 77 | 52 | 8 | 2 | 8 | − | 4 | 3 | 3 | 30 | − | 0 | * |
| Little Rissington | 09·6 | +10 | WSW | 4 | bc | 72 | 60 | 7 | 2 | − | 9 | 3 | 1 | 3 | 40 | − | 0 | * |
| Shobden | 09·4 | +6 | W | 4 | bc | 71 | 59 | 8 | 2 | 4 | 9 | 4 | 4 | − | 30 | − | 0 | * |
| Bristol | 10·6 | +2 | WNW | 4 | bc | 70 | 62 | 7 | 1 | 7 | 9 | 4 | 3 | 3 | 20 | − | 0 | * |
| Chivenor | 11·9 | +4 | S'W | 3 | c | 67 | 66 | 8 | 7 | 3 | − | 5 | 2 | 3 | 20 | 40 | 0 | * |
| Yeovilton | 10·4 | +4 | NW'N | 4 | bc | 73 | 65 | 8 | 1 | 4 | − | 4 | 3 | 3 | 30 | − | 0 | * |
| Portland Bill | 12·0 | 0 | SW | 4 | bc | 64 | 59 | 8 | 2 | − | − | 4 | 4 | − | 30 | − | 1 | 3 |
| Exeter | 11·2 | +4 | W | 4 | c | 75 | 64 | 8 | 1 | 4 | − | 5 | 4 | 2 | 25 | 72 | 0 | * |
| Plymouth | 12·5 | 0 | WSW | 4 | bc | 66 | 62 | 8 | 5 | 4 | − | 4 | 4 | − | 30 | − | 0 | 3 |
| St. Eval | 12·4 | −2 | WSW | 3 | c | 66 | 62 | 8 | 5 | − | − | 7 | 4 | 7 | 20 | − | 0 | 3 |
| The Lizard | 12·4 | +2 | SSW | 3 | c | 68 | 64 | 7 | 5 | − | − | 7 | 7 | − | 30 | − | 0 | 3 |
| Scilly, St. Marys | 12·0 | −4 | SW'S | 4 | cjp | 68 | 66 | 7 | 5 | 4 | − | 5 | 5 | 2 | 10 | − | 0 | 3 |
| Fairwood | 11·5 | +6 | W | 4 | bc | 68 | 61 | 8 | 7 | 3 | − | 5 | 3 | 1 | 20 | − | 0 | * |
| Pembroke | 15·0 | +12 | SE | 3 | c | 64 | 61 | 8 | 8 | 4 | − | 5 | 4 | − | 21 | − | 0 | 2 |
| Aberporth | 10·2 | +2 | WSW | 4 | bc | 68 | 58 | 8 | 1 | 7 | − | 4 | 4 | 1 | 25 | − | 0 | 3 |
| Penrhos | 09·3 | +2 | SW | 4 | c | 63 | 60 | 7 | 5 | 3 | − | 5 | 4 | 4 | 7 | − | 0 | 3 |
| Holyhead, Valley | 08·9 | −2 | SW'S | 4 | c | 62 | 60 | 7 | 8 | 3 | − | 6 | 2 | 4 | 5 | 40 | 1 | 3 |
| Hawarden | 08·8 | +6 | W | 2 | c | 69 | 61 | 8 | 5 | 7 | − | 7 | 4 | 2 | 22 | − | 1 | * |
| Manchester | 09·1 | +6 | W | 1 | c/pr | 64 | 63 | 6 | 4 | 6 | − | 7 | 6 | − | 30 | − | 1 | * |
| Squires Gate | 08·8 | −2 | SSW | 1 | c | 68 | 62 | 6 | 5 | 3 | − | 5 | 3 | 4 | 15 | 40 | 1 | * |
| Silloth | 07·7 | −2 | SSW | 4 | zo | 63 | 60 | 6 | 5 | − | − | 8 | 6 | 8 | 5 | 15 | 0 | * |
| Ashbourne | 08·5 | +10 | W | 4 | kz- | 69 | 60 | 7 | 8 | − | 4 | 4 | 4 | 3 | 35 | − | 0 | 0 |
| Snaith | 07·9 | +6 | NW | 4 | zo | 72 | 62 | 6 | − | 8 | 6 | 7 | 5 | 7 | 85 | − | 0 | * |
| Spurn Head | 08·0 | −6 | SE'E | 3 | bc | 66 | 59 | 7 | 7 | − | − | 3 | 3 | − | − | − | 0 | |
| Catterick (Sc.) | 08·2 | +6 | SW'S | 3 | propr | 76 | 58 | 7 | 8 | 7 | − | 8 | 4 | 4 | 30 | 57 | 0 | * |
| Tynemouth | 07·6 | −6 | W | 2 | zo | 69 | 60 | 6 | 2 | − | − | 6 | 6 | − | 22 | − | 0 | |
| Acklington | 06·8 | +4 | WSW | 3 | iro | 66 | 58 | 7 | 5 | 7 | − | 8 | 1 | 8 | 60 | − | 0 | 0 |
| St. Abb's Head | 05·7 | −2 | SW | 2 | c | 65 | 56 | 8 | 5 | 7 | − | 7 | 4 | 3 | 34 | − | 0 | * |
| Leuchars | 05·2 | −6 | SW | 2 | zo | 66 | 59 | 6 | 5 | 7 | − | 7 | 3 | 7 | 35 | − | 1 | * |
| Montrose | 05·9 | −4 | SSW | 3 | zo | 67 | 58 | 6 | 2 | 9 | 2 | 7 | 1 | 5 | 40 | − | 0 | * |
| Abbotsinch | 06·5 | +2 | − | 0 | c/pr | 61 | 59 | 7 | 8 | 7 | − | 7 | 3 | 6 | 16 | 25 | 1 | * |
| Prestwick | 05·6 | +2 | W'S | 4 | roro | 61 | 60 | 6 | 5 | 2 | − | 8 | 5 | 8 | 9 | 25 | 1 | * |
| West Freugh | 06·9 | −2 | SSW | 3 | PR | 60 | 59 | 5 | 8 | 7 | − | 8 | 4 | 4 | 4 | 15 | 1 | * |
| Eskdalemuir | 06·7 | −2 | SSW | 3 | dodo | 62 | 58 | 5 | − | 2 | − | 8 | 8 | − | 3 | − | 1 | * |
| Jurby, I. of Man | 08·1 | −2 | SW | 4 | propr | 62 | 60 | 6 | 8 | 7 | − | 8 | 4 | 8 | 16 | − | 0 | * |
| Machrihanish | 06·2 | −2 | SW'W | 1 | c/pr | 63 | 59 | 6 | 8 | 7 | − | 7 | 2 | 4 | 8 | 15 | 1 | 1 |
| Tiree | 05·0 | 0 | SW'S | 3 | c | 61 | 59 | 7 | 5 | − | − | 7 | 3 | 5 | 4 | 8 | 1 | 2 |
| Oban | 05·9 | 0 | SW | 2 | c | 62 | 59 | 8 | 5 | − | − | 7 | 3 | 7 | 7 | 15 | 1 | 2 |
| Stornoway | 01·7 | +4 | SSW | 3 | c | 61 | 55 | 8 | 8 | 6 | − | 7 | 5 | 6 | 18 | 25 | 1 | 3 |
| Cape Wrath | 01·5 | +6 | SSW | 5 | c | 57 | 56 | 9 | 8 | 3 | − | 6 | − | 0 | − | − | 0 | 4 |
| Dalwhinnie | 04·1 | −2 | WSW | 3 | c | 59 | 56 | 7 | 5 | − | 2 | 7 | 5 | 7 | 19 | − | 1 | * |
| Aberdeen | 04·6 | −6 | SW'S | 2 | c | 65 | 58 | 7 | 5 | 7 | − | 7 | 4 | 7 | − | − | 1 | 2 |
| Fraserburgh | 04·2 | −8 | SW | 4 | zo | 64 | 60 | 6 | 5 | 3 | 6 | 7 | 4 | 4 | 50 | − | 1 | 0 |
| Alness | 03·1 | 0 | W | 4 | c | 64 | 56 | 8 | 5 | 7 | − | 7 | 4 | 7 | 25 | − | 0 | * |
| Wick | 02·5 | −2 | SW | 4 | cjp | 65 | 57 | 9 | 8 | 9 | − | 7 | 4 | 4 | 15 | 40 | 0 | * |
| Hatston | 02·8 | −4 | SSE | 1 | roro | 60 | 59 | 6 | 5 | 7 | − | 8 | 4 | 4 | 8 | 15 | * | * |
| Sumburgh | 02·1 | −2 | SSW | 3 | zo | 56 | 54 | 6 | 2 | 7 | − | 7 | 4 | 4 | 14 | 37 | 1 | 2 |
| Sullom Voe | 01·2 | −2 | SW | 5 | c | 59 | 55 | 6 | 5 | 7 | − | 8 | 5 | 8 | 8 | − | 0 | * |
| Blacksod Point | 07·4 | +2 | SW | 4 | c | 62 | 57 | 7 | 6 | − | − | 6 | 6 | − | 8 | − | 1 | 3 |
| Malin Head | 05·3 | +2 | W'N | 4 | bc | 62 | 57 | 8 | 5 | − | − | 4 | 4 | − | 15 | − | 1 | 3 |
| Aldergrove | 06·8 | +6 | S'W | 1 | bc/pr | 65 | 59 | 8 | 8 | 7 | − | 6 | 3 | 5 | 15 | 40 | 1 | * |
| Cas. Archdale | 07·5 | 0 | W'N | 4 | c | 63 | 58 | 8 | 8 | 7 | − | 5 | 3 | 4 | 10 | 25 | 1 | * |
| Birr Castle | 08·2 | +2 | WSW | 2 | c | 68 | 60 | 8 | 4 | − | − | 5 | 5 | − | 25 | − | 0 | * |
| Collinstown | 08·2 | +2 | W | 4 | c+cg | 68 | 60 | 9 | 8 | 3 | − | 5 | 4 | − | 25 | − | 0 | * |
| Foynes | 09·1 | −2 | NW'W | 3 | c | 63 | 59 | 9 | 2 | 3 | − | 5 | 2 | − | 25 | − | 0 | * |
| Valentia | 10·1 | +2 | SSW | 3 | ido | 64 | 59 | 8 | 5 | − | − | 8 | 8 | − | 15 | − | 0 | 3 |
| Roches Point | 09·7 | 0 | W'S | 3 | bc | 66 | 64 | 8 | 5 | − | − | 4 | 4 | − | 25 | − | 1 | 3 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 16th (41) | 12h.–18h. 16th (42) | 18h 16th to 00h. 17th (43) | 00h.–06h. 17th (44) |
|---|---|---|---|---|
| Kew | bzoby | bbcy | bcyb | bbccm. |
| Croydon | bm.z.y | bczybc | bcybyb | bm.c.ddb |
| Boscombe Down | bz.bbcy | bcy | bcybbcc | ccm.bc |
| Thorney Island | bzobbcy | bcbzo | b m. | cm.id. |
| Lympne | cm.bczo | bzo | bcm.bmw | bm.w,cm. |
| Manston | by | bcbzo | bzocm.b | bm.bc. |
| North Weald | bm.zob,y | bzoybczo | bczybm. | bm.cm. |
| Felixstowe | bcm.bzo | bczo | bz. | bzobc |
| Gorleston | bcz. | bzo | bczow | bzobc |
| Mildenhall | bFlom.b | b | bcyb | bcbbc |
| Bircham Newton | by | bybcy | bccm. | bbcm. |
| Cranwell | bm.by | bcycy | cm.bcm.b | bm.bcm. |
| Cranfield | bm.by | bc | bybm. | bm.cm.c |
| Honiley | bzobczy | b bcy | bcycbc | bbcfgw |
| Little Rissington | bbz.by | bybcybc | bcbbc | bccid.c |
| Shobden | bm.by | cybbc | bc | bcc |
| Bristol | bm.wbz. | bzaybyc | bcbm.c | cd.ddbbc |
| Chivenor | cm.bc | cbcb | ccid.c | cbcc |
| Yeovilton | b-b | bbc | bccbc | cbcbc |
| Portland Bill | bc | bbc | bc | ff |
| Exeter | bm. | c | cd | bc |
| Plymouth | bccm. | cbc | cm.ir | cm.bc |
| St. Eval | bcg.m. | cid.m.bc | ccir.cf | FF cm. |
| The Lizard | cido | bcc | cmrr | crrbc |
| Scilly, St. Marys | bcid.c | cbcc | cPcbc | bcbwbc |
| Fairwood | bm.cz.bc | cddmbc | ciro | bm.blbc |
| Pembroke | oir. ff | bcc | bcw | bcc |
| Aberporth | bbccm. | cprcbc | * | ew |
| Penrhos | cm. | cirm.cm. | cbc | bc |
| Holyhead, Valley | cm. | cid.mbc | cbc | bcwc |
| Hawarden | bcm.bcz. | bcyccir. | c | cbc |
| Manchester | bzoy | bczoyp | cbcm. | bcm.c |
| Squires Gate | bcz. | cprm.c | cirobcm. | cm.bc |
| Silloth | cz.cm. | bczoiro | cm.crr | cm.bc |
| Ashbourne | bbaby | bybzobcy | bczdbm. | bm.,cm.w |
| Snaith | mobzdy | bcczoy | cm. | bm.bcm. |
| Spurn Head | bc | c | c | bcczo |
| Catterick (Sc.) | bcm.wbz. | bczoyc | cpr.cm. | b.n.bc |
| Tynemouth | bccbcm. | bccmo | cprcm. | cbcm. |
| Acklington | bcm.,zo | bczo4iro | cro.c | bccm.bc |
| St. Abb's Head | c | cproc | bcro | bc |
| Leuchars | bcm.,irm. | cirom. | cpr.bcm | bbcbc |
| Montrose | bcm.wc | ciro.m.c | ciro.m.c | bcwc |
| Abbotsinch | croro.m. | roroprc | cro.ro m. | bcir.c |
| Prestwick | cezcpro | cm.ro.ro.c | cir.m.c | cp.m. |
| West Freugh | cm.ro.,ir. | cwuuciro | cpr.m.cpr. | bkd.c |
| Eskdalemuir | bcwcroro | cm.od.o.do | cm.RR | cm. |
| Jurby, I. of Man | cm.zcir. | ciro.cpro | cpr.cbc | pr.m.,cir. |
| Machrihanish | irrcz | czprcz | prcir | rc |
| Tiree | cm.cdd.c | ciroc | cid.d.d.pr | cid.m. |
| Oban | ciro.m.c | ciroro.m.c | cid.c | |
| Stornoway | ciro.m.c | ciro.m.c | cpr. id.m. | cm.cid. |
| Cape Wrath | cr.ro.c | bcc | ciro | cciro |
| Dalwhinnie | opr. | oporc | * | co |
| Aberdeen | bcm.cz. | roro.ciro | c | cbcwc |
| Fraserburgh | cm. | crom. | cm.cir.c | cm.cbc |
| Alness | cir.zo.c | cprc | cb | cbcc |
| Wick | cirorom.c | jfcjp | c | cbcc |
| Hatston | crrc | crr | c | cr |
| Sumburgh | zor.c | rozoc | cdm.c | m.d.cy |
| Sullom Voe | cm.ir. | cirom.c | cm. | cirm. |
| Blacksod Point | g | d | c | c |
| Malin Head | d | d | bc | c |
| Aldergrove | cm.id.c | cproc | cpr.cbc | bcid.m. |
| Cas. Archdale | cciro. | ciro.cj | cbc | bccpr.c |
| Birr Castle | c | c | * | pr |
| Collinstown | c | pr | bc | d |
| Foynes | pr | bc | c | c |
| Valentia | c | d | pr | c |
| Roches Point | pr | c | c | c |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil  1=Trace  2=1/10  3=1/4  4=1/2  5=3/4  6=9/10  7=More than 9 but with openings.  8=Completely covered.  9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A=Lowest cloud present. B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Thursday 17th August 1944

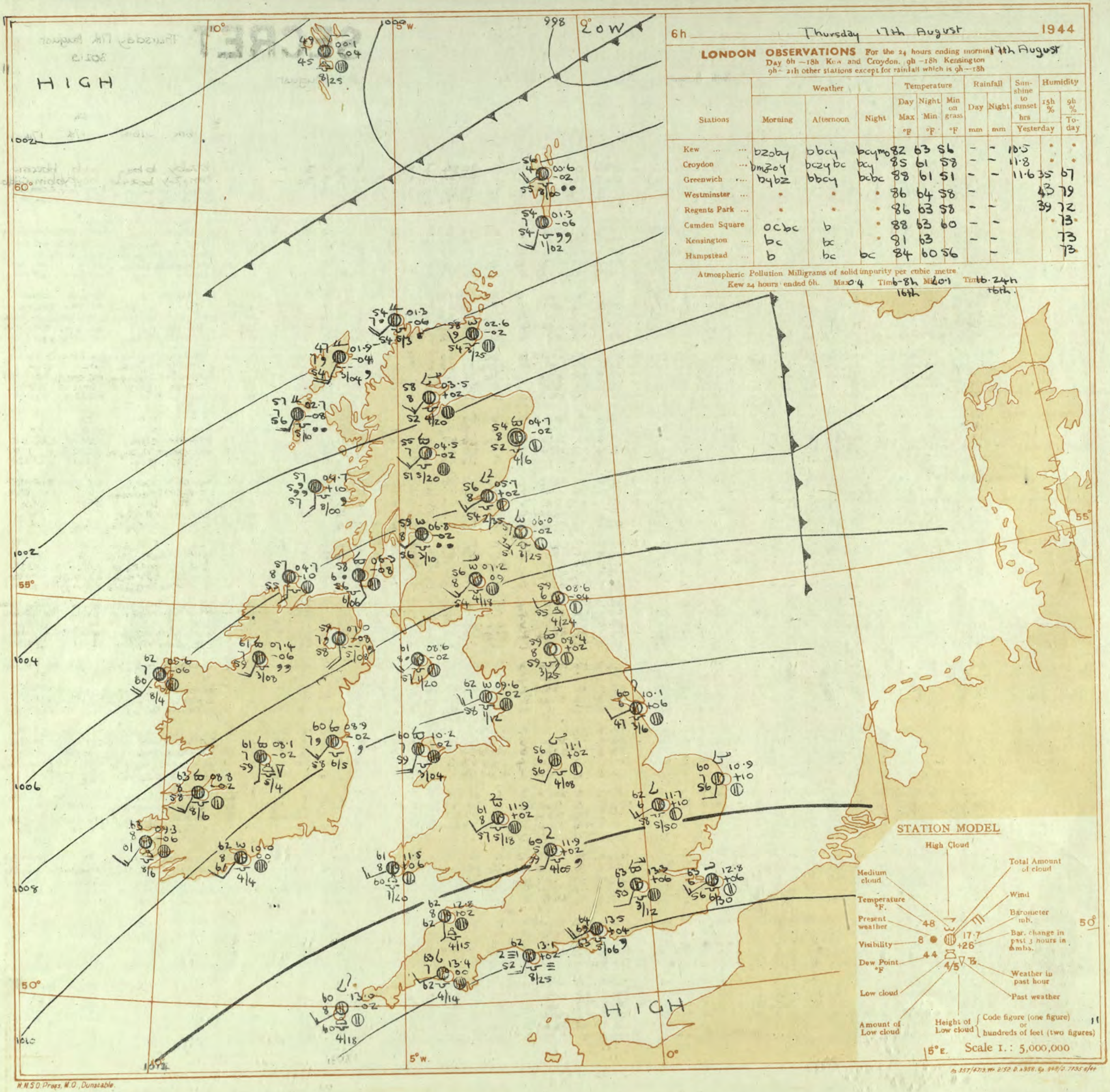
## LONDON OBSERVATIONS

For the 24 hours ending morning 17th August

Day 6h – 18h Kew and Croydon. 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs (Yesterday) | Humidity 15h % (Yesterday) | Humidity 9h % (Today) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | bzoby | bbcy | bcymo | 82 | 63 | 56 | – | – | 10.5 | • | • |
| Croydon ... | bmzoy | bczybc | bcy | 85 | 61 | 58 | – | – | 11.8 | • | • |
| Greenwich .... | bybz | bbcy | bcbc | 88 | 61 | 51 | – | – | 11.6 | 35 | 67 |
| Westminster ... | • | • | • | 86 | 64 | 58 | – | | | 43 | 79 |
| Regents Park ... | • | • | • | 86 | 63 | 58 | – | – | | 39 | 72 |
| Camden Square | ocbc | b | • | 88 | 63 | 60 | – | – | | • | 73 |
| Kensington ... | bc | bc | • | 81 | 63 | | – | – | | | 73 |
| Hampstead ... | b | bc | bc | 84 | 60 | 56 | | – | | | 73 |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max 0.4 Tim 6-8h 16th Min 0.1 Tim 6-24h 16th.



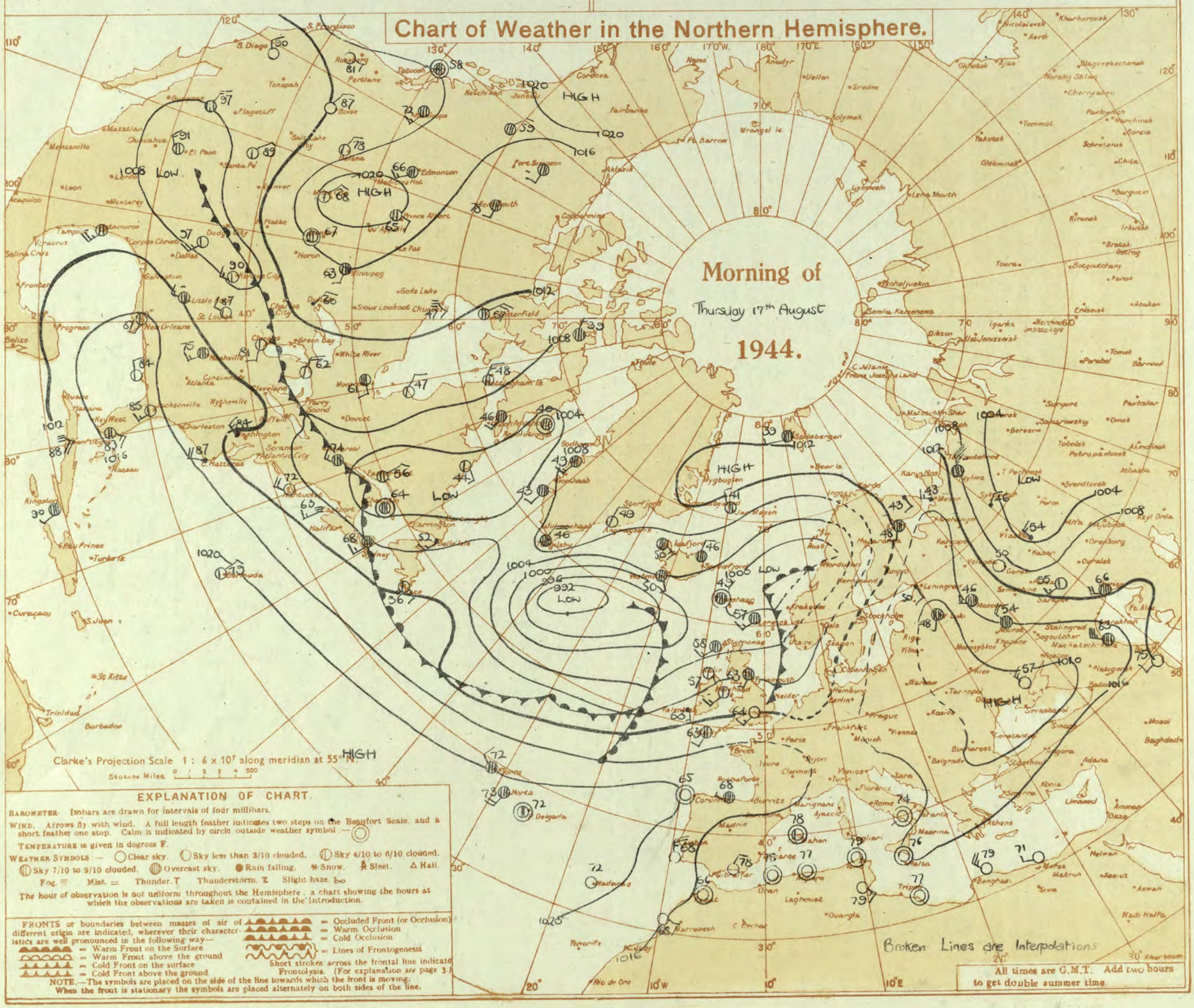

H.M.S.O. Press, M.O., Dunstable.

## GENERAL INFERENCE

A small anticyclone over France is moving east; pressure is low to north and northwest of the British Isles and a new depression developing to west of Iceland is moving northeast and developing; wind will freshen from southwest and may reach gale force later on our northwest coasts; weather will be mainly cloudy but with some breaks in the East; there will be occasional slight rain in the West and North and heavier rain in the West later.

## FURTHER OUTLOOK

A belt of rain crossing East Britain followed by bright intervals and showers; strong southwest to west winds in the North perhaps a gale at exposed places, cooler.



BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Thursday 17th August 1944

No. 30219

## OBSERVATIONS at 00hr. G.M.T. 17th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force (4) | Weather. (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud. Form. Low. (9) | Cloud. Form. Med. (10) | Cloud. Form. High. (11) | Cloud. Amount. Total. 0–9 (12) | Cloud. Amount. Low. A. 0–9 (13) | Cloud. Amount. Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | [illegible] | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 12.8 | +16 | SW'W | 3 | b | 64 | 57 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Boscombe Down | 417 | 13.2 | +8 | – | 0 | c | [illegible] | 57 | 7 | [illegible] | - | - | 6 | 6 | - | 25 | - |
| | Thorney Island | 10 | 13.1 | +12 | WSW | 2 | 2o | 64 | 64 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 12.3 | +10 | – | 0 | m | 60 | 59 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Manston ... | 140 | 10.9 | +10 | W'S | 2 | 2o | 64 | 59 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 2 | North Weald | 244 | 11.1 | +6 | W | 3 | 2o | 64 | 59 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Felixstowe ... | 10 | 10.2 | +14 | W | 3 | 2o | 69 | 61 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Gorleston ... | 5 | 09.6 | +8 | SW | 2 | 2o | 65 | 59 | 6 | 5 | - | - | 4 | 4 | - | 40 | - |
| | Mildenhall | 15 | 10.5 | +18 | W'S | 3 | bc | 65 | 58 | 7 | 5 | - | - | 4 | 4 | - | 31 | - |
| | Bircham Newton | 221 | 09.0 | +6 | W | 2 | 2o | 62 | 59 | 6 | 5 | - | - | 7 | 7 | - | 43 | - |
| | Cranwell ... | 203 | 10.4 | +12 | WSW | 2 | 2o | 62 | 58 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 3 | Cranfield ... | 340 | 11.5 | +14 | WSW | 3 | 2o | 62 | 60 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Honiley ... | 427 | 11.6 | +10 | SW | 3 | b | 61 | 57 | 8 | 5 | - | - | 1 | 1 | - | 35 | - |
| 4 | Little Rissington | 731 | 12.0 | +10 | WSW | 3 | bbc | 60 | 57 | 7 | 5 | - | - | 3 | 3 | - | 20 | - |
| | Shobden ... | 318 | 12.0 | +12 | SSW | 3 | bc | 60 | 57 | 7 | 5 | - | - | 4 | 4 | - | 25 | - |
| 5 | Bristol ... | 209 | 12.1 | +6 | SW | 2 | c-bc | 65 | 60 | 7 | 5 | - | - | 5 | 3 | 4 | 20 | 40 |
| | Chivenor ... | 20 | 12.6 | +6 | WSW | 3 | c | 65 | 65 | 7 | 5 | - | - | 6 | 4 | 6 | 9 | 40 |
| | Yeovilton | 50 | 12.6 | +2 | – | 0 | c-bc | 65 | 62 | 8 | 5 | 7 | - | 5 | 4 | - | 35 | - |
| | Portland Bill | 32 | 12.8 | +4 | W | 4 | bc | 63 | 58 | 8 | 2 | - | - | 4 | 4 | - | 50 | - |
| | Exeter ... | 100 | 12.8 | +4 | SW | 2 | bc/d | 65 | 63 | 7 | 5 | - | - | 4 | 4 | - | 30 | - |
| | Plymouth ... | 86 | 13.6 | +2 | WSW | 3 | ir | 65 | 64 | 6 | 5 | - | - | 8 | 4 | - | 4 | - |
| | St. Eval ... | 345 | 13.7 | +10 | WSW | 3 | cf | 63 | 63 | 3 | 5 | - | - | 7 | 7 | - | 1 | - |
| | The Lizard | 240 | 13.7 | +8 | WSW | 3 | rr | 64 | 64 | 4 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Scilly, St. Marys | 163 | 13.5 | +10 | SW'W | 2 | bc | 63 | 60 | 8 | 8 | - | - | 4 | 4 | - | 15 | - |
| 6 | Fairwood ... | 268 | 12.3 | +8 | WSW | 2 | c-bc | 62 | 62 | 7 | 5 | - | - | 5 | 4 | 5 | 17 | 40 |
| | Pembroke ... | 142 | 11.7 | +6 | WSW | 2 | b-bc | 62 | 61 | 8 | 1 | - | - | 3 | 3 | - | 25 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 10.2 | +2 | SW | 4 | bc | 61 | 59 | 7 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Holyhead, Valley | 32 | 10.4 | +8 | SW | 4 | b-bc | 60 | 59 | 7 | 8 | - | - | 3 | 3 | - | 25 | - |
| | Hawarden | 15 | 10.1 | +6 | SW | 2 | bc | 62 | 57 | 8 | 4 | - | - | 4 | 4 | - | 25 | - |
| 8 | Manchester | 230 | 10.3 | +6 | SSW | 2 | c-bc | 59 | 65 | 6 | - | - | - | 5 | 5 | - | 40 | - |
| | Squires Gate | 30 | 09.6 | +6 | W'N | 4 | 2o | 63 | 60 | 6 | 4 | - | - | 4 | 4 | - | 40 | - |
| | Silloth ... | 25 | 08.4 | +4 | SSW | 3 | 2o | 61 | 50 | 5 | 5 | - | - | 6 | 4 | 6 | 8 | 15 |
| 9 | Ashbourne ... | 590 | 11.0 | +12 | W | 2 | 2o | 58 | 55 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Snaith ... | 30 | 10.2 | +8 | WSW | 2 | 2o | 62 | 57 | 6 | - | 7 | - | 4 | 4 | - | 200 | - |
| 10 | Spurn Head | 29 | 09.1 | 0 | WNW | 2 | c-bc | 64 | 61 | 7 | 7 | - | - | 5 | 5 | - | 25 | - |
| | Catterick (Sc.) | 195 | 08.2 | −2 | SSW | 3 | b-bc | 62 | 55 | 6 | 5 | 7 | - | 3 | 2 | 3 | 20 | - |
| | Tynemouth | 108 | 08.7 | 0 | WSW | 1 | c-bc/pr | 62 | 58 | 6 | 8 | - | - | 5 | 5 | - | 25 | - |
| | Acklington | 138 | 07.6 | +2 | SW | 3 | c/r | 61 | 59 | 6 | 5 | - | - | 8 | 4 | 8 | 27 | 57 |
| 11 | St. Abb's Head | 280 | 06.2 | +4 | SW | 3 | ir | 61 | 57 | 7 | 8 | - | - | 5 | 5 | - | 25 | - |
| | Leuchars ... | 31 | 06.0 | +4 | SW | 2 | 2o | 58 | 56 | 6 | 5 | - | - | 3 | 3 | - | 30 | - |
| | Montrose ... | 22 | 06.4 | +2 | WSW | 2 | b-bc | 57 | 55 | 7 | 8 | 4 | - | 3 | 3 | 1 | 50 | - |
| 12 | Abbotsinch | 19 | 07.2 | +6 | W | 2 | c-bc | 59 | 57 | 7 | 5 | - | - | 5 | 5 | - | 18 | - |
| | Prestwick ... | 30 | 07.6 | +10 | SW'W | 3 | 2o | 60 | 58 | 6 | 5 | - | - | 7 | 4 | 4 | 20 | 40 |
| | West Freugh | 53 | 07.8 | +2 | WSW | 3 | b-bc | 59 | 57 | 8 | 5 | - | - | 3 | 3 | - | 30 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 09.2 | +10 | SW | 3 | b-bc | 60 | 58 | 8 | 5 | - | - | 3 | 3 | - | 35 | - |
| 13A | Machrihanish | 35 | 07.5 | +6 | W'S | 2 | c/r | 59 | 56 | 6 | 5 | - | - | 8 | 3 | 6 | 8 | 15 |
| | Tiree ... | 44 | 06.2 | +6 | W'S | 2 | id. | 57 | 56 | 6 | 5 | - | - | 8 | 8 | - | 17 | - |
| | Oban ... | 74 | 06.7 | +6 | SW | 3 | d | 57 | 56 | 8 | 5 | - | - | 8 | 2 | 8 | 10 | 15 |
| 13B | Stornoway ... | 12 | 02.5 | +4 | SW | 3 | c | 58 | 56 | 7 | 5 | - | - | 6 | 3 | 4 | 8 | 25 |
| | Cape Wrath | 367 | 02.0 | +2 | SW | 4 | ir | 56 | 56 | 7 | 5 | 2 | - | 6 | 4 | - | 40 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 04.9 | +6 | SW | 2 | bc | 59 | 55 | 7 | 5 | 7 | - | 4 | 3 | 4 | 35 | - |
| | Fraserburgh | 76 | 04.8 | +2 | – | 0 | 2o | 60 | 58 | 6 | 2 | 7 | - | 5 | 4 | 5 | 40 | - |
| | Alness ... | 63 | 03.9 | +2 | WSW | 2 | b-bc | 58 | 53 | 8 | 5 | - | - | 3 | 3 | - | 35 | - |
| | Wick ... | 114 | 03.1 | +2 | – | 0 | c | 58 | 54 | 9 | 5 | 7 | - | 8 | 5 | 4 | 26 | - |
| 16 | Hatston ... | 45 | 03.0 | −2 | S'W | 2 | c | 58 | 55 | 7 | 5 | - | - | 8 | 4 | 8 | 10 | 25 |
| | Sumburgh ... | 15 | 02.1 | −2 | SW | 3 | 0 | 54 | 54 | 6 | 5 | - | - | 8 | 8 | - | 23 | - |
| | Sullom Voe | 12 | 01.4 | −2 | SW | 3 | 2o | 57 | 55 | 6 | 5 | - | - | 8 | 8 | - | 4 | - |
| 17 | Blacksod Point | 18 | 06.7 | −6 | S'W | 3 | c-bc | 61 | 60 | 7 | 8 | - | - | 5 | 5 | - | 15 | - |
| 18 | Malin Head | 84 | 06.7 | +2 | S | 1 | b-bc | 55 | 52 | 8 | 4 | - | - | 3 | 3 | - | 15 | - |
| | Aldergrove | 294 | 08.4 | +6 | SW | 1 | c | 59 | 57 | 7 | 5 | - | - | 7 | 3 | 5 | 12 | 15 |
| | Cas. Archdale | 240 | 08.6 | 0 | SSW | 2 | b-bc | 58 | 55 | 8 | 5 | 4 | - | 3 | 2 | 3 | 25 | - |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 09.9 | +6 | SW'S | 1 | b-bc | 56 | 54 | 8 | 5 | 3 | - | 3 | 1 | - | 35 | - |
| 20 | Foynes ... | 3 | 09.5 | −2 | S | 4 | c | 63 | 61 | 8 | 5 | - | - | 7 | 7 | - | 57 | - |
| | Valentia ... | 30 | 10.1 | −2 | S'W | 3 | pr | 63 | 61 | 8 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Roches Point | 22 | 11.2 | 0 | SW | 2 | c | 62 | 61 | 8 | 5 | - | - | 6 | 6 | - | 15 | - |

## OBSERVATIONS at 06hr. G.M.T. 17th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force (20) | Weather. (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility. 0–9 (24) | Cloud. Form. Low. (25) | Cloud. Form. Med. (26) | Cloud. Form. High. (27) | Cloud. Amount. Total. 0–9 (28) | Cloud. Amount. Low. A. 0–9 (29) | Cloud. Amount. Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 12.4 | +4 | SW | 2 | 2o | 65 | 60 | 6 | 5 | - | - | 7 | 7 | - | 21 | - | 0 | * |
| Croydon ... | 13.3 | +6 | SSW | 2 | 2o | 63 | 50 | 6 | 5 | 7 | - | 6 | 3 | 4 | 12 | 25 | 0 | * |
| Boscombe Down | 13.4 | +6 | SW'S | 3 | bc | 60 | 60 | 7 | 5 | 3 | - | 4 | 2 | 1 | 30 | - | 0 | * |
| Thorney Island | 13.5 | +4 | WSW | 4 | ido | 64 | 63 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 15 | 0 | * |
| Friston ... | | | | | | | | | | | | | | | | | | * |
| Lympne ... | 14.1 | +14 | SW | 2 | 2o | 61 | 59 | 5 | 5 | - | - | 7 | 7 | - | 5 | - | 0 | §4 |
| Manston ... | 12.8 | +6 | SW | 3 | 2o | 63 | 56 | 6 | 5 | - | - | 7 | 6 | 4 | 30 | - | 0 | * |
| North Weald | 13.2 | +4 | SSW | 3 | 2o | 61 | 58 | 6 | 5 | 3 | 1 | 5 | 4 | 3 | 30 | - | 0 | * |
| Felixstowe ... | 12.4 | +10 | W'S | 2 | c-bc | 62 | 59 | 7 | 5 | 4 | - | 5 | 5 | 2 | 50 | - | 0 | 3 |
| Gorleston ... | 10.9 | +10 | SW | 2 | bc | 60 | 56 | 7 | - | 4 | 2 | 4 | 3 | - | 30 | - | 0 | 2 |
| Mildenhall | 11.7 | +10 | WSW | 3 | 2o | 62 | 58 | 6 | 5 | 4 | - | 7 | 6 | 2 | 50 | - | 0 | * |
| Bircham Newton | 11.4 | +10 | WSW | 2 | 2o | 57 | 57 | 6 | - | 4 | 2 | 5 | 2 | 5 | - | - | 0 | * |
| Cranwell ... | 11.0 | +6 | SW'W | 3 | 2o | 60 | 53 | 6 | 5 | 7 | 6 | 4 | 2 | 4 | 45 | - | 0 | * |
| Cranfield ... | 12.0 | +2 | SSW | 3 | c | 62 | 60 | 7 | 5 | - | - | 7 | 4 | 6 | 7 | 25 | 0 | * |
| Honiley ... | 11.8 | 0 | WSW | 2 | c-bc | 58 | 57 | 6 | 8 | 4 | 8 | 8 | 1 | 3 | 35 | - | 0 | * |
| Little Rissington | 11.9 | +2 | SSW | 3 | 2o | 60 | 59 | 5 | 5 | - | 6 | 6 | 4 | 2 | 5 | 25 | 0 | * |
| Shobden ... | 11.9 | +2 | SW | 2 | c | 61 | 57 | 8 | 5 | 3 | 5 | 7 | 5 | 2 | 18 | - | 0 | * |
| Bristol ... | 12.4 | +2 | W'S | 1 | c-bc | 62 | 60 | 7 | 7 | - | 2 | 5 | 2 | 2 | 12 | 25 | 0 | * |
| Chivenor ... | 12.8 | +2 | S | 1 | c | 62 | 62 | 8 | 8 | - | - | 7 | 4 | 7 | 15 | 25 | 0 | * |
| Yeovilton | 12.9 | +2 | SW'W | 1 | bc | 59 | 58 | 8 | 5 | 4 | 6 | 4 | 2 | 4 | 10 | 25 | 0 | * |
| Portland Bill | 13.1 | +2 | SW | 3 | of | 62 | 57 | 2 | 5 | - | - | 8 | 8 | - | 25 | - | 1 | 3 |
| Exeter ... | 18.2 | +4 | – | 0 | c-bc | 61 | 59 | 8 | 5 | 4 | - | 5 | 4 | 5 | 30 | - | 0 | * |
| Plymouth ... | 13.4 | 0 | SW | 2 | c | 63 | 62 | 7 | 5 | 4 | - | 7 | 4 | 7 | 14 | 15 | 1 | 2 |
| St. Eval ... | 13.4 | +2 | SSW | 2 | 2o | 59 | 59 | 6 | 5 | 7 | - | 6 | 5 | 4 | 2 | - | 1 | * |
| The Lizard | 13.3 | 0 | WSW | 3 | bc | 62 | 62 | 8 | 8 | 4 | 4 | 4 | 4 | 2 | 20 | 15 | 1 | 3 |
| Scilly, St. Marys | 13.0 | −2 | SW'W | 3 | bc | 60 | 60 | 8 | 8 | 4 | - | 4 | 4 | 2 | 18 | 57 | 1 | 3 |
| Fairwood ... | 12.7 | +2 | – | 0 | bc | 58 | 58 | 8 | 8 | 3 | - | 4 | 3 | 4 | 6 | 25 | 0 | * |
| Pembroke ... | 11.5 | +6 | SW'W | 3 | c | 61 | 60 | 8 | 8 | - | - | 7 | 7 | - | 20 | - | 0 | 3 |
| Aberporth ... | 11.9 | +6 | SW'W | 3 | c | 60 | 58 | 8 | 5 | - | - | 8 | 5 | 8 | 10 | 40 | 0 | 3 |
| Penrhos ... | 10.4 | +6 | SW'S | 4 | 2o | 61 | 59 | 6 | 5 | - | - | 7 | 4 | 7 | 8 | 40 | 0 | 2 |
| Holyhead, Valley | 10.2 | −2 | S'W | 4 | c | 60 | 59 | 7 | 5 | 7 | - | 8 | 3 | 5 | 4 | 40 | 1 | 3 |
| Hawarden | 10.0 | 0 | SSE | 2 | c-bc | 64 | 58 | 8 | 5 | 3 | 1 | 5 | 5 | 1 | 25 | - | 0 | * |
| Manchester | 10.7 | +6 | S | 3 | c-bc | 58 | 56 | 6 | 5 | 3 | 2 | 5 | 4 | 3 | 25 | - | 0 | * |
| Squires Gate | 09.6 | −2 | WSW | 3 | c-bc | 62 | 58 | 7 | 5 | 3 | - | 5 | 1 | 4 | 12 | 57 | 0 | |
| Silloth ... | 08.4 | +4 | SSW | 2 | ir. | 61 | 59 | 7 | 5 | - | - | 6 | 4 | 6 | 8 | 25 | 1 | * |
| Ashbourne ... | 11.1 | +2 | SW | 2 | 2o | 56 | 56 | 6 | 5 | 4 | 1 | 5 | 4 | 3 | 8 | - | 0 | * |
| Snaith ... | 10.7 | +4 | WSW | 2 | 2o | 62 | 58 | 6 | 5 | 3 | 5 | 4 | 2 | 3 | 35 | - | 0 | * |
| Spurn Head | 10.1 | +6 | WSW | 2 | 2o | 60 | 47 | 6 | 5 | 5 | 4 | 5 | 3 | 4 | 40 | 57 | 0 | 1 |
| Catterick (Sc.) | 08.4 | +2 | SE'S | 3 | bc | 59 | 59 | 8 | 5 | 7 | 2 | 4 | 3 | 3 | 25 | - | 1 | * |
| Tynemouth | 08.6 | −4 | WSW | 2 | 2o | 59 | 55 | 6 | 2 | - | - | 4 | 4 | - | 24 | - | 1 | 2 |
| Acklington | 07.2 | +2 | W | 2 | c-bc | 58 | 55 | 7 | 5 | 4 | 6 | 5 | 1 | 1 | 30 | - | 1 | * |
| St. Abb's Head | 06.0 | −2 | SW | 3 | bc | 57 | 51 | 9 | 4 | 5 | - | 4 | 3 | 3 | 25 | - | 0 | 2 |
| Leuchars ... | 05.7 | +2 | SW | 3 | c-bc | 56 | 54 | 8 | 5 | 4 | 6 | 5 | 2 | 3 | 35 | - | 1 | * |
| Montrose ... | 06.2 | 0 | WSW | 2 | c-bc | 56 | 54 | 8 | 5 | 3 | 3 | 5 | 2 | 4 | 20 | - | 0 | * |
| Abbotsinch | 06.8 | −2 | SW'W | 1 | c/r | 59 | 56 | 8 | 5 | 3 | - | 7 | 3 | 5 | 10 | 25 | 1 | * |
| Prestwick ... | 06.9 | −6 | S'E | 2 | c | 58 | 55 | 8 | 5 | 7 | 1 | 7 | 3 | 5 | 14 | 25 | 1 | * |
| West Freugh | 07.4 | −2 | SSW | 2 | c/d | 58 | 57 | 8 | 5 | 7 | - | 8 | 3 | 4 | 5 | 15 | 1 | * |
| Eskdalemuir | 07.2 | 0 | SW'W | 3 | c | 56 | 54 | 8 | 5 | 3 | 2 | 6 | 4 | 3 | 18 | - | | * |
| Jurby, I. of Man | 08.6 | −2 | SW | 3 | ir. | 61 | 57 | 8 | 5 | - | - | 7 | 1 | 7 | 20 | 40 | 0 | * |
| Machrihanish | 06.3 | −8 | SSE | 2 | ir. | 58 | 56 | 6 | 5 | 7 | - | 8 | 6 | 8 | 6 | 15 | 1 | 1 |
| Tiree ... | 04.7 | −10 | S | 3 | dd | 57 | 57 | 5 | 5 | - | - | 8 | 1 | - | 0 | - | 1 | |
| Oban ... | 05.7 | −6 | SSW | 1 | c/d | 57 | 56 | 6 | 5 | - | - | 8 | 6 | 8 | 8 | 15 | 1 | 1 |
| Stornoway ... | 01.9 | −4 | SSW | 4 | id. | 57 | 54 | 7 | 6 | 2 | - | 8 | 3 | 5 | 4 | 25 | 1 | 2 |
| Cape Wrath | 01.3 | −6 | SW | 4 | ir. | 54 | 54 | 7 | 5 | 2 | - | 5 | 5 | - | 8 | - | 1 | 4 |
| Dalwhinnie | 04.5 | −2 | SW | 3 | c | 55 | 51 | 7 | 5 | 7 | - | 8 | 5 | 8 | 20 | 72 | 0 | * |
| Aberdeen† ... | 04.7 | −2 | – | 0 | c | 54 | 52 | 8 | 5 | 7 | - | 6 | 4 | 6 | 40 | - | 1 | 1 |
| Fraserburgh | 04.6 | +2 | SW | 3 | c-bc | 56 | 54 | 9 | 5 | 4 | 2 | 5 | 3 | 5 | 50 | - | 0 | |
| Alness ... | 03.5 | +2 | SW | 3 | c-bc | 58 | 52 | 8 | 5 | 4 | 2 | 5 | 4 | 3 | 20 | - | 0 | * |
| Wick ... | 02.6 | −2 | WSW | 2 | c | 58 | 54 | 9 | 5 | 3 | - | 8 | 3 | 4 | 25 | 40 | 0 | * |
| Hatston ... | 02.1 | −2 | SW'W | 4 | ir. | 58 | 54 | 7 | 5 | 2 | - | 5 | 5 | - | 8 | - | 1 | 4 |
| Sumburgh ... | 01.3 | −6 | SSW | 3 | o/d | 54 | 54 | 7 | 5 | - | - | 8 | 1 | 8 | 2 | 8 | 1 | 3 |
| Sullom Voe | 00.6 | −2 | SW | 4 | m/r | 56 | 55 | 4 | 5 | - | - | 8 | 8 | - | 0 | - | 0 | * |
| Blacksod Point | 05.6 | −6 | SW'S | 4 | c | 62 | 60 | 7 | 6 | - | - | 8 | 8 | - | 15 | - | 1 | 3 |
| Malin Head | 04.7 | −10 | S | 3 | c | 57 | 55 | 8 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | 2 |
| Aldergrove | 07.0 | −8 | S | 4 | id. | 59 | 58 | 7 | 6 | - | - | 8 | 5 | 8 | 8 | 25 | 1 | * |
| Cas. Archdale | 07.4 | −2 | SW | 3 | c/d | 61 | 59 | 7 | 5 | 7 | - | 8 | 3 | 4 | 8 | 40 | 1 | * |
| Birr Castle ... | 08.1 | −2 | S | 1 | c | 61 | 59 | 7 | 8 | 7 | - | 8 | 5 | - | 15 | - | 0* | * |
| Collinstown | 08.9 | −2 | SW | 3 | id. | 60 | 58 | 7 | 5 | 7 | - | 8 | 6 | - | 28 | - | 0 | * |
| Foynes ... | 08.8 | −2 | SW'S | 3 | c | 63 | 58 | 8 | 5 | 7 | - | 8 | 8 | - | 32 | - | 0 | * |
| Valentia ... | 09.3 | −6 | SSW | 3 | c | 63 | 61 | 8 | 8 | - | - | 8 | 8 | - | 45 | - | 1 | 3 |
| Roches Point | 10.0 | 0 | SW | 2 | c | 62 | 61 | 8 | 5 | 3 | - | 6 | 4 | - | 15 | - | 1 | 3 |

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h.-18h °F. (35) | Temperature. Min. Night 18h.-6h °F. (36) | Temperature. Min. on Grass °F. (37) | Rainfall. Day 6h.-18h mm. (38) | Rainfall. Night 18h.-6h mm. (39) | Sunshine 16th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 82 | 63 | 56 | - | - | 10.5 |
| Croydon ... | 85 | 61 | 58 | - | - | 11.8 |
| Boscombe Down | 82 | 59 | 52 | - | - | 13.4 |
| Thorney Island | 77 | 63 | 58 | - | Tr | * |
| Friston ... | | | | | | |
| Lympne ... | 78 | 56 | 47 | - | - | 10.5 |
| Manston ... | 82 | 60 | 56 | - | - | 11.3 |
| North Weald | 83 | 59 | * | * | * | * |
| Felixstowe ... | 77 | 61 | 57 | - | - | 12.4 |
| Gorleston ... | 70 | 59 | 58 | - | - | 11.8 |
| Mildenhall | 87 | 60 | * | - | | 12.1 |
| Bircham Newton | 83 | 55 | 46 | - | - | * |
| Cranwell ... | 83 | 58 | 47 | - | - | 10.8 |
| Cranfield ... | 83 | 59 | 54 | - | - | * |
| Honiley ... | 82 | 58 | 55 | - | - | * |
| Little Rissington | — | 58 | 55 | - | Tr | * |
| Shobden ... | 77 | 54 | 41 | - | - | * |
| Bristol ... | 76 | 61 | 58 | - | Tr | 12.6 |
| Chivenor ... | 74 | 60 | 42 | - | Tr | * |
| Yeovilton | 77 | 58 | 53 | - | - | * |
| Portland Bill | 67 | 60 | * | - | - | * |
| Exeter ... | 78 | 59 | | - | Tr | * |
| Plymouth ... | 69 | 60 | 58 | - | 4 | 3.2 |
| St. Eval ... | 69 | 58 | 57 | 0.1 | 7 | * |
| The Lizard | 72 | 60 | * | - | 7 | 6.8 |
| Scilly, St. Marys | 73 | 59 | * | Tr | 3 | 6.4 |
| Fairwood ... | — | 52 | 52 | Tr | 1 | * |
| Pembroke ... | 66 | 59 | * | - | - | 5.7 |
| Aberporth ... | 72 | 57 | 52 | 0.1 | - | 7.3 |
| Penrhos ... | 70 | 60 | 54 | 1 | - | * |
| Holyhead, Valley | 67 | 58 | 52 | 1 | 0.2 | * |
| Hawarden | 79 | 60 | 54 | Tr | - | 6.0 |
| Manchester | 79 | 57 | 51 | 1 | - | * |
| Squires Gate | 71 | 60 | 57 | 0.6 | - | * |
| Silloth ... | 68 | 60 | 55 | - | 7 | * |
| Ashbourne ... | 79 | 54 | 45 | - | - | * |
| Snaith ... | 82 | 58 | 54 | - | - | * |
| Spurn Head | 74 | 59 | * | - | - | 11.2 |
| Catterick (Sc.) | 76 | 57 | 48 | Tr | 2 | 6.8 |
| Tynemouth | 75 | 58 | 54 | - | 1 | * |
| Acklington | 77 | 58 | 55 | Tr | 1 | * |
| St. Abb's Head | 72 | 56 | * | Tr | Tr | * |
| Leuchars ... | 69 | 55 | 50 | Tr | 0.2 | 3.5 |
| Montrose ... | 71 | 53 | 43 | Tr | - | * |
| Abbotsinch | 67 | 58 | 54 | 1 | 1 | 0.0 |
| Prestwick ... | 68 | 57 | 55 | 5 | 1 | * |
| West Freugh | 65 | 56 | 53 | 3 | 1 | * |
| Eskdalemuir | 64 | | 49 | 0.5 | | 1.3 |
| Jurby, I. of Man | 69 | 57 | 56 | Tr | Tr | * |
| Machrihanish | 65 | 57 | 55 | 7 | Tr | * |
| Tiree ... | 63 | 56 | 53 | 0.2 | 3 | 0.9 |
| Oban ... | 69 | 56 | * | - | - | * |
| Stornoway ... | 64 | 55 | 53 | 1 | 0.5 | 1.0 |
| Cape Wrath | 65 | 54 | * | Tr | Tr | * |
| Dalwhinnie | 63 | 53 | 40 | 1 | | 0.1 |
| Aberdeen† ... | 68 | 52 | 42 | 0.5 | - | 4.7 |
| Fraserburgh | 66 | 54 | 50 | 2 | Tr | * |
| Alness ... | 69 | 55 | 48 | Tr | - | * |
| Wick ... | 66 | 56 | 54 | 1 | - | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 59 | 53 | 51 | 0.5 | 0.4 | 1.3 |
| Sullom Voe | 61 | 55 | 55 | 0.6 | 0.6 | * |
| Blacksod Point | 66 | 59 | * | 0.6 | - | |
| Malin Head | 64 | 55 | * | 0.5 | 0.5 | 2.5 |
| Aldergrove | 69 | 55 | 47 | 2 | 4 | 0.8 |
| Cas. Archdale | 66 | 53 | 52 | 0.2 | 0.5 | * |
| Birr Castle ... | 70 | 61 | 59 | - | 0.3 | 2.4 |
| Collinstown | 73 | 55 | 51 | Tr | 0.2 | 4.3 |
| Foynes ... | 69 | 62 | 60 | Tr | Tr | 3.4 |
| Valentia ... | 68 | 62 | 60 | Tr | 0.2 | 1.3 |
| Roches Point | 68 | 61 | * | 0.2 | 0.1 | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Friday 18th August 1944

No. 30220

## OBSERVATIONS at 12h. G.M.T. 17th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Amount Total 0-9 (12) | Amount Low A. 0-9 (13) | Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 13·6 | 0 | SWS | 3 | c | 73 | 61 | 8 | 2 | 3 | 4 | 7 | 5 | 6 | 28 | – |
| | Croydon | 14·0 | +2 | SSW | 2 | /d | 68 | 63 | 8 | 5 | 4 | – | 6 | 6 | – | 25 | – |
| | Boscombe Down | 14·0 | +2 | W'S | 4 | c | 72 | 58 | 8 | 7 | 7 | – | 5 | 5 | 6 | 20 | – |
| | Thorney Island | 15·1 | +4 | WSW | 4 | c | 71 | 63 | 7 | 5 | – | – | 5 | 3 | 5 | 8 | 15 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 15·1 | +2 | SSW | 2 | c | 71 | 63 | 7 | 2 | 3 | – | 5 | 5 | 5 | 21 | – |
| | Manston | 14·5 | +6 | SW'W | 5 | c | 74 | 59 | 8 | 5 | – | – | 6 | 6 | – | 36 | – |
| 2 | North Weald | 13·6 | 0 | WSW | 4 | c | 75 | 56 | 7 | 8 | – | 3 | 5 | 4 | 4 | 25 | – |
| | Felixstowe | 13·0 | +2 | SW | 3 | c | 74 | 54 | 7 | 8 | – | – | 5 | 4 | 4 | 20 | 40 |
| | Gorleston | 12·0 | +8 | NW | 2 | c | 74 | 72 | 7 | 2 | – | – | 7 | 5 | – | 20 | – |
| | Mildenhall | 12·2 | –2 | SW'W | 4 | c | 74 | 57 | 8 | 7 | – | – | 6 | 5 | 6 | 30 | 57 |
| | Bircham Newton | 11·6 | +2 | WSW | 3 | bc | 74 | 57 | 8 | 2 | – | 9 | 5 | 4 | 4 | 25 | – |
| | Cranwell | 11·1 | 0 | SW'W | 3 | c | 74 | 61 | 7 | 2 | 3 | – | 5 | 4 | 5 | 30 | – |
| 3 | Cranfield | 13·1 | +2 | SW | 4 | c | 70 | 56 | 8 | 7 | 3 | – | 7 | 4 | 5 | 24 | 40 |
| | Honiley | 12·8 | +6 | SW | 4 | c | 86 | 56 | 8 | 7 | 7 | – | 7 | 4 | 5 | 20 | 40 |
| 4 | Little Rissington | 13·0 | +2 | SW | 4 | c | 65 | 57 | 8 | 5 | – | – | 8 | 4 | 8 | 18 | 25 |
| | Shobden | 12·7 | –4 | S | 4 | c/d | 66 | 59 | 8 | 5 | 7 | – | 8 | 4 | 8 | 10 | 15 |
| 5 | Bristol | 13·4 | +2 | W | 2 | c | 72 | 58 | 8 | 5 | 7 | – | 7 | 3 | 7 | 20 | 40 |
| | Chivenor | 14·1 | +4 | WSW | 5 | c | 71 | 63 | 8 | 8 | 3 | – | 7 | 4 | 6 | 20 | 25 |
| | Yeovilton | 13·9 | –2 | SW | 3 | c | 73 | 60 | 8 | 8 | 7 | – | 6 | 3 | 5 | 14 | 15 |
| | Portland Bill | 15·0 | +8 | SW | 3 | f | 63 | 58 | 2 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Exeter | 14·0 | +2 | WSW | 3 | c | 74 | 59 | 8 | 5 | – | – | 6 | 6 | – | 20 | – |
| | Plymouth | 15·4 | +6 | SW | 2 | c | 68 | 63 | 8 | 2 | – | 9 | 6 | 4 | 4 | 20 | – |
| | St. Eval | 14·9 | +4 | WSW | 3 | bc | 71 | 59 | 9 | 1 | 7 | – | 4 | 3 | 4 | 20 | – |
| | The Lizard | 14·5 | +4 | SSW | 3 | c | 69 | 64 | 8 | 5 | – | – | 5 | 5 | – | 15 | – |
| | Scilly, St. Marys | 14·2 | +2 | SW | 3 | bc | 70 | 63 | 8 | 5 | 4 | 3 | 4 | 3 | 3 | 18 | – |
| 6 | Fairwood | 13·4 | +2 | SSW | 4 | c | 64 | 62 | 7 | 5 | – | – | 8 | 5 | 7 | 6 | 15 |
| | Pembroke | 12·8 | +6 | S'W | 3 | c | 64 | 62 | 8 | 5 | – | – | 8 | 9 | – | 13 | 25 |
| | Aberporth | 12·1 | +2 | SSW | 3 | c | 67 | 57 | 8 | 5 | 3 | – | 8 | 3 | 7 | 17 | 40 |
| 7 | Penrhos | | +6 | SSW | 4 | c | 68 | 60 | 7 | 5 | 7 | – | 8 | 3 | 7 | 10 | 25 |
| | Holyhead, Valley | 10·6 | +2 | SSW | 4 | zo | 65 | 61 | 6 | 7 | 3 | – | 6 | 2 | 6 | 8 | 40 |
| | Hawarden | 11·4 | +6 | SSW | 4 | c/d | 69 | 59 | 7 | 5 | – | – | 7 | 2 | 7 | 15 | 25 |
| 8 | Manchester | 11·0 | +2 | SW'W | 4 | c | 67 | 57 | 8 | 1 | 7 | – | 8 | 5 | 8 | 25 | – |
| | Squires Gate | 10·3 | +2 | WSW | 4 | c | 69 | 63 | 8 | 5 | 3 | – | 8 | 4 | 5 | 20 | – |
| | Silloth | 08·4 | 0 | SW'S | 5 | c | 64 | 60 | 8 | 5 | – | – | 7 | 4 | 7 | 6 | 15 |
| 9 | Ashbourne | 11·9 | +2 | SSW | 3 | c | 67 | 56 | 8 | 8 | 3 | – | 8 | 4 | 6 | 15 | 25 |
| | Snaith | 11·0 | +2 | WSW | 4 | c | 73 | 56 | 7 | 8 | 3 | 9 | 7 | 4 | 5 | 25 | 40 |
| 10 | Spurn Head | 11·6 | +4 | SW | 3 | c | 74 | 59 | 7 | 7 | 3 | – | 6 | 5 | 3 | 35 | 72 |
| | Catterick (Sc.) | 09·6 | +4 | SSW | 3 | c/pr | 66 | 61 | 7 | 8 | 7 | – | 8 | 3 | 3 | 20 | 25 |
| | Tynemouth | 09·1 | +4 | SW | 4 | c | 69 | 56 | 7 | 8 | – | – | 5 | 5 | – | 25 | – |
| | Acklington | 07·7 | +2 | SW | 3 | c/d | 67 | 58 | 8 | 5 | – | – | 8 | 5 | 8 | 18 | 25 |
| 11 | St. Abb's Head | 06·1 | –2 | SW | 4 | c | 65 | 56 | 8 | 8 | 7 | – | | 3 | 4 | 25 | 40 |
| | Leuchars | 05·4 | –2 | SW | 4 | c | 63 | 58 | 7 | 5 | 7 | – | 8 | 7 | 8 | 18 | – |
| | Montrose | 06·3 | +2 | SSW | 3 | c | 64 | 56 | 7 | 5 | 7 | – | 8 | 1 | 4 | 15 | 25 |
| 12 | Abbotsinch | 06·5 | +2 | SW | 3 | c/d | 62 | 59 | 6 | 5 | 2 | – | 8 | 5 | 8 | 4 | – |
| | Prestwick | 06·7 | 0 | SW'S | 4 | c/jd | 64 | 58 | 7 | 5 | 7 | – | 7 | 4 | 5 | 10 | 25 |
| | West Freugh | 07·6 | +2 | SW | 4 | c | 63 | 59 | 8 | 5 | 7 | – | 7 | 2 | 5 | 10 | 15 |
| | Eskdalemuir | 07·4 | +2 | SSW | 4 | zo | 60 | 58 | 6 | 5 | – | – | 8 | 8 | – | 12 | – |
| | Jurby, I. of Man | 08·7 | +2 | SW'S | 5 | c | 68 | 58 | 8 | 8 | 3 | 6 | 6 | 3 | 2 | 25 | 40 |
| 13A | Machrihanish | 05·9 | +4 | S'E | 3 | c | 68 | 59 | 5 | 5 | 7 | – | 8 | 2 | 4 | 8 | 15 |
| | Tiree | 03·9 | +2 | SW'S | 3 | c | 61 | 60 | 7 | 5 | – | – | 8 | 4 | 8 | 4 | 40 |
| | Oban | 05·1 | 0 | S | 2 | ido | 61 | 59 | 5 | 5 | – | – | 8 | 6 | 8 | 3 | 25 |
| 13B | Stornoway | 00·3 | –8 | SSW | 4 | ido | 59 | 59 | 6 | 5 | 2 | – | 7 | 4 | 6 | 10 | 25 |
| | Cape Wrath | 00·8 | –6 | SSW | 4 | propr | 57 | 57 | 9 | 8 | 7 | – | 6 | – | 0 | – | – |
| 15 | Dalwhinnie | 04·2 | –2 | SSW | 4 | id | 56 | 55 | 4 | 5 | – | – | 8 | 8 | – | 20 | – |
| | Aberdeen | 04·7 | +4 | SW | 2 | c | 61 | 55 | 8 | 5 | 7 | – | 7 | 2 | 7 | – | – |
| | Fraserburgh | 04·6 | +2 | SSW | 2 | iro | 64 | 56 | 9 | 5 | 7 | – | 8 | 1 | 4 | 20 | 57 |
| | Alness | 02·5 | –6 | WSW | 3 | c | 64 | 56 | 9 | 7 | 3 | 1 | 6 | 4 | 5 | 25 | – |
| | Wick | 02·8 | 0 | S | 2 | c | 60 | 53 | 9 | 7 | 7 | – | 7 | 1 | 7 | 25 | 72 |
| 16 | Hatston | 02·4 | 0 | S'W | 3 | bc/r | 62 | 55 | 8 | 5 | 3 | – | 6 | 3 | 4 | 10 | 15 |
| | Sumburgh | 01·5 | +2 | SW | 4 | iro | 55 | 53 | 8 | 5 | 2 | – | 8 | 3 | 6 | 5 | 15 |
| | Sullom Voe | 00·4 | –6 | SW | 5 | roro | 57 | 55 | 6 | 5 | – | – | 8 | 8 | – | 5 | – |
| 17 | Blacksod Point | 05·0 | –6 | SSW | 5 | DD | 62 | 60 | 6 | 6 | 2 | – | 8 | 4 | – | 8 | – |
| 18 | Malin Head | 04·3 | –2 | W | 3 | ir | 64 | 59 | 8 | 5 | – | – | 8 | 7 | – | 8 | – |
| | Aldergrove | 06·6 | –2 | SSW | 3 | c | 66 | 61 | 9 | 5 | – | – | 8 | 4 | 8 | 20 | 40 |
| | Cas. Archdale | 07·0 | –6 | SSW | 4 | c | 65 | 59 | 8 | 5 | 3 | – | 6 | 4 | 4 | 15 | 40 |
| 19 | Birr Castle | 07·4 | –4 | W | 2 | c | 68 | 60 | 8 | 8 | 2 | – | 8 | 5 | – | 15 | – |
| | Collinstown | 08·7 | –2 | SW'W | 4 | c | 68 | 56 | 8 | 8 | – | – | 7 | 7 | – | 25 | – |
| 20 | Foynes | 08·5 | –2 | S | 4 | c/r | 67 | 59 | 9 | 5 | 7 | – | 8 | 5 | – | 25 | – |
| | Valentia | 06·2 | –6 | S'W | 4 | dodo | 63 | 62 | 6 | 5 | – | – | 8 | 8 | – | 8 | – |
| | Roches Point | 10·3 | 0 | SW | 3 | c/d | 64 | 63 | 8 | 5 | 1 | – | 8 | 4 | – | 15 | – |

## OBSERVATIONS at 18h. G.M.T. 17th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A. 0-9 (29) | Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 13·5 | 0 | SW'S | 4 | c | 71 | 59 | 8 | 8 | 3 | – | 7 | 3 | 5 | 25 | 40 | 0 | * |
| Croydon | 14·1 | 0 | S'W | 3 | c | 70 | 59 | 9 | – | 7 | 7 | 6 | 4 | 6 | – | – | 0 | * |
| Boscombe Down | 14·0 | 0 | SSW | 4 | c | 68 | 61 | 8 | 4 | 5 | – | 5 | 4 | 5 | 25 | – | 0 | * |
| Thorney Island | 15·3 | –2 | SW | 3 | c | 69 | 63 | 8 | 5 | 3 | – | 6 | 5 | 5 | 15 | 25 | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 15·5 | +2 | SSW | 4 | c | 68 | 59 | 8 | 4 | 4 | 2 | 5 | 3 | 3 | 15 | – | 0 | § |
| Manston | 14·5 | –2 | SW'W | 5 | c | 70 | 60 | 8 | – | 7 | 8 | 6 | 1 | 3 | 30 | – | 0 | * |
| North Weald | 13·7 | +4 | S | 4 | c | 72 | 57 | 7 | 4 | 3 | – | 7 | 4 | 7 | 30 | – | 0 | * |
| Felixstowe | 12·8 | –2 | SSW | 4 | c | 71 | 63 | 7 | 8 | 3 | – | 5 | 4 | 3 | 25 | – | 0 | 3 |
| Gorleston | 11·9 | 0 | WNW | 2 | bc | 77 | 61 | 7 | 5 | 3 | – | 4 | 3 | 3 | 20 | – | 0 | 2 |
| Mildenhall | 12·4 | 0 | WSW | 3 | c | 73 | 57 | 8 | 4 | 3 | – | 6 | 3 | 6 | 40 | – | 0 | * |
| Bircham Newton | 11·9 | 0 | WSW | 3 | c | 71 | 57 | 8 | 4 | 3 | – | 7 | 3 | 7 | 40 | – | 0 | * |
| Cranwell | 11·4 | –2 | SW | 3 | c | 72 | 61 | 7 | 5 | 7 | – | 7 | 5 | 7 | 40 | – | 0 | * |
| Cranfield | 12·8 | –2 | SW | 4 | c | 72 | 57 | 7 | 1 | 3 | 2 | 7 | 2 | 1 | 25 | – | 0 | * |
| Honiley | 12·3 | +6 | SW | 3 | c | 69 | 56 | 8 | 5 | – | – | 7 | 7 | – | 25 | – | 0 | * |
| Little Rissington | 12·3 | –4 | WSW | 4 | c | 69 | 58 | 8 | 5 | 7 | – | 5 | 4 | 4 | 25 | – | 0 | * |
| Shobden | 12·4 | +2 | SSW | 3 | c | 67 | 58 | 8 | 5 | 7 | – | 7 | 4 | 7 | 25 | – | 0 | * |
| Bristol | 13·2 | –2 | W | 2 | c | 71 | 59 | 8 | 4 | 7 | – | 5 | 3 | 4 | 20 | – | 0 | * |
| Chivenor | 13·1 | –4 | WSW | 3 | c | 69 | 62 | 9 | 7 | – | – | 7 | 4 | 7 | 20 | 40 | 0 | * |
| Yeovilton | 13·4 | –4 | S'W | 4 | c | 71 | 62 | 8 | 8 | 4 | 1 | 5 | 2 | 4 | 18 | 25 | 0 | * |
| Portland Bill | 15·0 | –2 | SW | 3 | F+ | 63 | 58 | 2 | 5 | – | – | 8 | 8 | – | 25 | – | 1 | 3 |
| Exeter | 13·8 | 0 | SW | 3 | c | 70 | 62 | 8 | 5 | – | – | 7 | 3 | 7 | 10 | 15 | 0 | * |
| Plymouth | 14·2 | –8 | SSW | 3 | c/d | 65 | 55 | 6 | 5 | – | – | 8 | 5 | 3 | 5 | 15 | 1 | 2 |
| St. Eval | 13·5 | –6 | WSW | 4 | bc | 69 | 61 | 9 | 1 | 7 | – | 4 | 3 | 3 | 20 | – | 0 | 3 |
| The Lizard | 12·4 | –10 | SSW | 3 | bc | 67 | 64 | 8 | 1 | 4 | 1 | 4 | 4 | 2 | 28 | 57 | 0 | 3 |
| Scilly, St. Marys | 13·2 | –8 | SSW | 4 | bc | 67 | 64 | 8 | 8 | 3 | – | 3 | 3 | 2 | 18 | – | 0 | 3 |
| Fairwood | 13·1 | –6 | WSW | 4 | c | 68 | 60 | 8 | 7 | – | – | 7 | 1 | 7 | 8 | 57 | 0 | * |
| Pembroke | 11·5 | –4 | SW'S | 4 | cg | 68 | 62 | 8 | 8 | – | – | 8 | 8 | – | 25 | – | 0 | 4 |
| Aberporth | 11·6 | –2 | SSW | 4 | | 66 | 57 | 8 | 5 | – | – | 7 | 4 | 7 | 20 | 40 | 0 | 4 |
| Penrhos | 10·4 | –6 | SE | 4 | c | 65 | 60 | 7 | 5 | 7 | 2 | 7 | 2 | 3 | 12 | 40 | 0 | 3 |
| Holyhead, Valley | 10·0 | –8 | SSW | 6 | c | 63 | 51 | 8 | 5 | 3 | 8 | 7 | 1 | 3 | 5 | 72 | 0 | 4 |
| Hawarden | 10·6 | –6 | SSW | 3 | c | 70 | 56 | 8 | 5 | 4 | 7 | 7 | 5 | 1 | 25 | – | 0 | * |
| Manchester | 10·6 | –10 | SW'S | 3 | c | 68 | 57 | 8 | 5 | – | 6 | 6 | 4 | 6 | 30 | – | 0 | * |
| Squires Gate | 10·0 | –2 | SW | 3 | c | 67 | 59 | 8 | 5 | – | – | 7 | 7 | – | 20 | – | 0 | * |
| Silloth | 07·9 | –4 | S'W | 4 | c | 64 | 61 | 8 | 5 | 7 | 6 | 7 | 2 | 3 | 8 | 40 | | * |
| Ashbourne | 11·2 | –2 | SW | 3 | c/r | 67 | 59 | 8 | 5 | 7 | – | 7 | 5 | 2 | 20 | – | 0 | 0 |
| Snaith | 10·0 | –12 | WSW | 2 | c | 71 | 57 | 8 | 5 | 7 | 6 | 6 | 4 | 6 | 20 | – | 0 | * |
| Spurn Head | 11·0 | 0 | SW | 3 | c | 70 | 58 | 7 | 7 | – | – | 7 | 7 | – | – | – | 0 | * |
| Catterick (Sc.) | 09·4 | 0 | SW'S | 4 | c | 66 | 58 | 8 | 8 | 7 | – | 7 | 4 | 5 | 20 | 40 | 0 | 0 |
| Tynemouth | 09·3 | +2 | SW | 4 | c | 66 | 57 | 7 | 8 | – | – | 6 | 6 | – | 24 | – | 0 | * |
| Acklington | 07·5 | –2 | SW | 4 | c | 66 | 57 | 8 | 7 | – | – | 6 | 4 | 5 | 20 | 40 | 0 | 0 |
| St. Abb's Head | 06·0 | +2 | SW | 4 | c | 67 | 57 | 7 | 4 | 3 | – | 6 | 4 | 4 | 30 | – | 0 | * |
| Leuchars | 04·9 | –2 | SW | 4 | c | 67 | 59 | 7 | 5 | 3 | 1 | 5 | 4 | 4 | 19 | 40 | 1 | * |
| Montrose | 05·4 | –6 | SW | 4 | c | 68 | 58 | 7 | 5 | 8 | 8 | 6 | 2 | 5 | 25 | – | 0 | * |
| Abbotsinch | 05·8 | –10 | SW'W | 2 | ido | 64 | 61 | 6 | 5 | 7 | – | 8 | 3 | 5 | 10 | 15 | 1 | * |
| Prestwick | 05·6 | –10 | S | 4 | c | 66 | 59 | 7 | 5 | 7 | – | 8 | 3 | 5 | 14 | 15 | 0 | * |
| West Freugh | 06·5 | –12 | SSW | 3 | c | 63 | 58 | 8 | 5 | 7 | – | 8 | 1 | 7 | 10 | 40 | 0 | * |
| Eskdalemuir | 01·0 | +4 | S'W | 4 | zo | 60 | 57 | 6 | 5 | 2 | – | 8 | 5 | 8 | 9 | – | 1 | * |
| Jurby, I. of Man | 07·4 | –10 | S'W | 5 | c | 65 | 58 | 8 | 5 | 7 | – | 6 | 1 | 4 | 17 | 57 | 0 | * |
| Machrihanish | 04·5 | –12 | SE | 2 | c | 65 | 50 | 8 | 5 | 7 | – | 7 | 4 | 6 | 12 | 25 | 0 | 2 |
| Tiree | 02·4 | –14 | S'E | 3 | ido | 59 | 59 | 7 | 5 | 2 | – | 8 | 4 | 5 | 4 | 8 | 1 | 2 |
| Oban | 04·0 | –12 | SW | 1 | c/r | 61 | 59 | 8 | 5 | – | – | 8 | 5 | 8 | 10 | 40 | 1 | 1 |
| Stornoway | 99·4 | –10 | S | 3 | ido | 59 | 59 | 6 | 5 | 2 | – | 8 | 4 | 8 | 4 | 15 | 1 | 2 |
| Cape Wrath | 99·6 | –8 | SSW | 4 | propr | 58 | 58 | 8 | 8 | 2 | – | 6 | – | 0 | – | – | 1 | 4 |
| Dalwhinnie | 03·6 | –2 | SSW | 3 | c | 60 | 56 | 7 | 5 | 3 | – | 5 | 4 | 5 | 20 | – | 1 | * |
| Aberdeen | 03·8 | –4 | SSW | 2 | bc | 66 | 59 | 8 | 4 | 4 | 2 | 4 | 1 | 3 | – | – | 0 | 2 |
| Fraserburgh | 03·5 | –6 | S'W | 3 | c | 63 | 58 | 8 | 8 | 7 | – | 5 | 4 | 1 | 25 | – | 0 | 0 |
| Alness | 01·7 | –6 | SW | 3 | bc/p | 65 | 59 | 9 | 8 | 3 | 1 | 6 | 4 | 5 | 25 | – | 0 | * |
| Wick | 01·5 | –8 | SSW | 2 | c | 63 | 58 | 9 | 5 | 3 | – | 7 | 5 | 6 | 70 | – | 0 | * |
| Hatston | 01·1 | –6 | S'W | 3 | c | 61 | 56 | 8 | 5 | 3 | 8 | 7 | 4 | 5 | 20 | – | * | * |
| Sumburgh | 01·4 | –6 | S | 3 | c/p | 55 | 53 | 9 | 5 | 4 | 8 | 7 | 5 | 1 | 40 | – | 1 | 2 |
| Sullom Voe | 01·0 | –2 | S | 3 | c/ | 59 | 53 | 8 | 5 | 2 | – | 8 | 7 | 2 | 12 | 40 | 0 | * |
| Blacksod Point | 01·4 | –22 | SSW | 6 | c/d | 63 | 62 | 6 | 6 | 2 | – | 8 | 5 | – | 8 | – | 1 | 4 |
| Malin Head | 02·0 | –20 | S'W | 5 | c | 65 | 60 | 8 | 5 | – | – | 8 | 8 | – | 15 | – | 1 | 4 |
| Aldergrove | 05·2 | –14 | S'E | 3 | c | 66 | 59 | 8 | 5 | 2 | – | 8 | 5 | 8 | – | – | 1 | * |
| Cas. Archdale | 04·5 | –22 | S | 4 | dodo | 63 | 61 | 6 | 5 | – | – | 8 | 5 | 8 | 8 | 25 | 1 | * |
| Birr Castle | 05·5 | –16 | SSW | 3 | c | 67 | 62 | 8 | 8 | 2 | – | 7 | 5 | – | 15 | – | 0 | * |
| Collinstown | 07·6 | –6 | SW'S | 4 | c | 66 | 58 | 8 | 5 | 2 | – | 8 | 5 | – | 25 | – | 0 | * |
| Foynes | 05·2 | –22 | S'W | 4 | c | 70 | 62 | 8 | 8 | – | 5 | 5 | 4 | – | 25 | – | 0 | * |
| Valentia | 05·8 | –14 | S'W | 4 | c/d | 65 | 64 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | 4 |
| Roches Point | 08·0 | –18 | SW'S | 4 | ido | 63 | 62 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | 4 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 17th (41) | 12h.–18h. 17th (42) | 18h. 17th to 00h. 18th (43) | 00h.–06h. 18th. (44) |
|---|---|---|---|---|
| Kew | irobccir.o | cyc | bbcc | cbcb |
| Croydon | cmocdc | c | cbcb | bc,c |
| Boscombe Down | bcccy | cbcyy | cbcc,idmo c | cd.mc |
| Thorney Island | bc | bcc | | cbcc |
| Friston | | | | |
| Lympne | cmmc | c | bcmo | cbcmm. |
| Manston | cmoc | cyc | cb | cbcm.o |
| North Weald | ccy | cyc | cbm. | bcm.cm. |
| Felixstowe | cbbc | cbcc | cbcb | bbc |
| Gorleston | c | cbc | bcb | bcw |
| Mildenhall | cmoc | cy | cycbcb | b,cbcb |
| Bircham Newton | bcy | cyproc | bc | bm.c |
| Cranwell | bcmoc | c | c | bcbcm. |
| Cranfield | cbcc | ccybcy | cybc | bcido.c |
| Honiley | c | ccy | cbcc | bc |
| Little Rissington | cbmbcc | cbc | bcbbcc | cidomoc |
| Shobden | bccido | ccidoc | cbcc | c |
| Bristol | bc mocy | cyc | cbccido. | cbcc |
| Chivenor | cbcc | c | cbcc | ciro.ro |
| Yeovilton | | cbc | bccido. | iro ccz |
| Portland Bill | o/f | of | ff | c |
| Exeter | c | c | cgpc | ccid. |
| Plymouth | cmobc | cdodomo | ccmo. | cd.d.mo. |
| St. Eval | cmobcc | bccbc | bccmo | ciromocmo |
| The Lizard | bcc | cbc | cbc | crrc |
| Scilly, St. Marys | bccbc | bcbcbc | bcc | c |
| Fairwood | c | c | c | ciro cmo |
| Pembroke | c | cq | cq | cqmo. |
| Aberporth | crrc | c | | cfrc |
| Penrhos | ciromol(mo) | c | cmo.d.dm. | cmo,do,ido |
| Holyhead, Valley | cmo | c | cidmo. | oiro.cmo |
| Hawarden | cidomoc | cidomocyc | c | c |
| Manchester | cmoc | ciroc | c | cbc |
| Squires Gate | ciromo | c | c | c |
| Silloth | | c | c | ciroc |
| Ashbourne | cy | cciroc | cb | bmobcmo. |
| Snaith | bczoc | cyroc | ccmop | bmobcmo. |
| Spurn Head | c | c | bcmo. | bc |
| Catterick (Sc.) | cpro | cproc | c | cbc |
| Tynemouth | cmoc | c | cbc | bccmo |
| Acklington | cbccidoc | c | c | bccmoc |
| St. Abb's Head | bcc | c | bcq | bcq |
| Leuchars | c | ciromo bc | cciromo. | ciromo. |
| Montrose | c | ciromoc | cmoc | cmobcc |
| Abbotsinch | irododomo | proidomo | cidoror. | ciromo |
| Prestwick | cidodoc | c | crorom.oc | cmocrormo |
| West Freugh | cir | c | cdoccmo. | by |
| Eskdalemuir | crrmo | circmo | rrcrr | cr.o.d.d.f |
| Jurby, I. of Man | cir | c | circidmo | idomobcc |
| Machrihanish | rcdrc | c | circz | czpr |
| Tiree | cdodocido | ccidodomoc | cddcmo. | cmo,rmmo |
| Oban | ciccidomo | dodromoc | cirmodr | cido,RRc |
| Stornoway | cidodom | cidocidomo | cidocrr | crrmorrmo |
| Cape Wrath | ccpro | cprc | oif rrRR | cprocboc |
| Dalwhinnie | ocido | oiroc | * | coirc |
| Aberdeen | crciro | cbc | cciroq | cqc |
| Fraserburgh | cciro | crocbc | bcciro cmo | crocmo |
| Alness | cccrc | cprocjp | ciro.crdro | ciroc |
| Wick | clroc | c | crorocrdromo | |
| Hatston | irocirc | irc | oir | rcrc |
| Sumburgh | firoc | irojrc | irc | iroc |
| Sullom Voe | idoiromoc | doidomoc | cidrr | rrcir |
| Blacksod Point | d | d | c | pr |
| Malin Head | r | r | bc | c |
| Aldergrove | cidoc | cproc | cciroc | ccidoc |
| Cas. Archdale | cidoc | cdodmod | cidoiroc | cmocirc |
| Birr Castle | pr | c | * | r |
| Collinstown | c | c | c | r |
| Foynes | r | d | r | r |
| Valentia | d | r | r | c |
| Roches Point | d. | d | c | r |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil 1=Trace 2=1/10 3=1/4 4=1/2 5=3/4 6=9/10 7=More than 9 but with openings. 8=Completely covered. 9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A=Lowest cloud present. B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

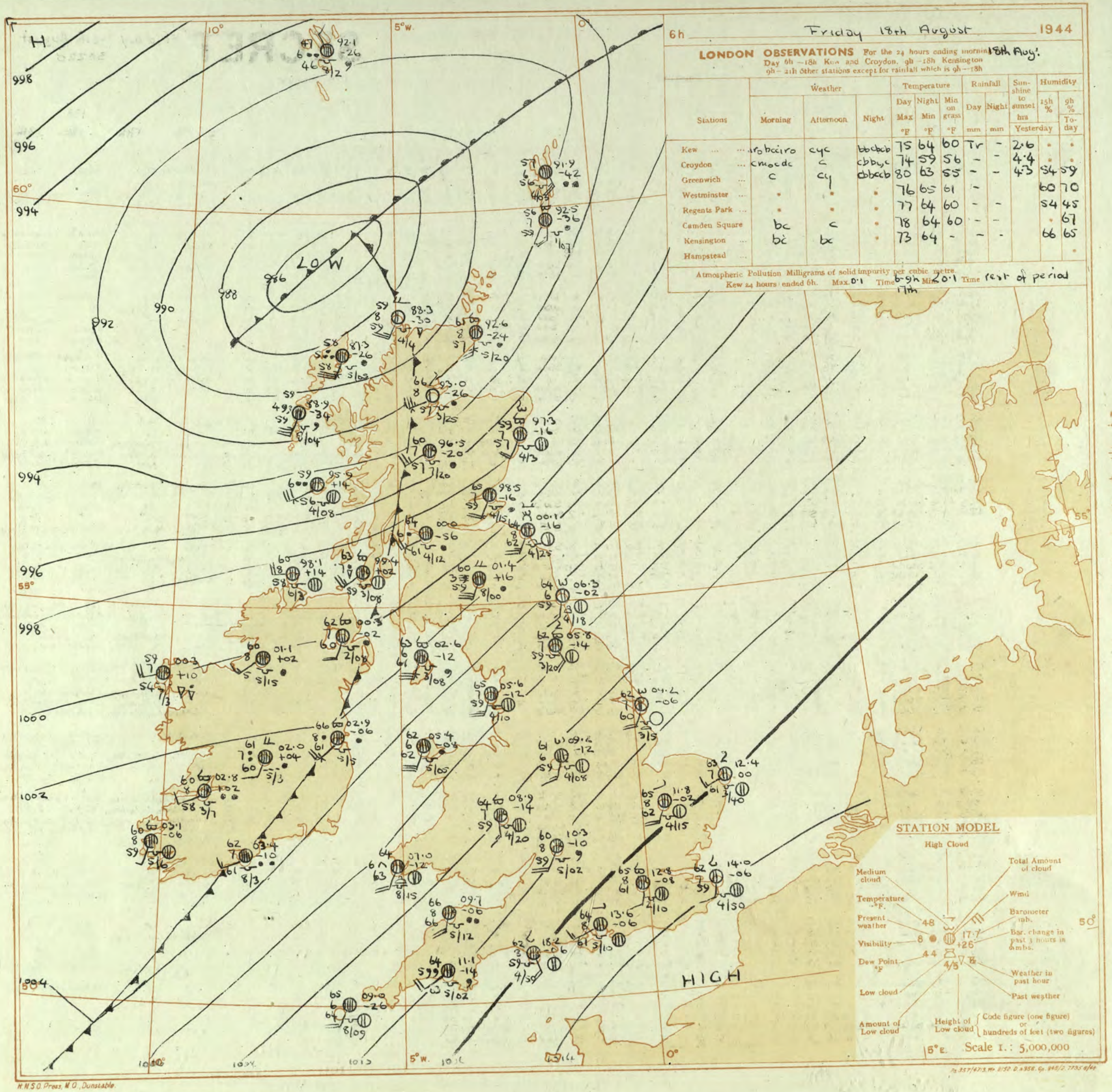
NELSON K. JOHNSON, K.C.B., D.Sc., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Friday 18th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning 18th Aug.
Day 6h – 18h Kew and Croydon, 9h – 18h Kensington
9h – 21h Other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | ro bc ci ro | cy c | bc bc b | 75 | 64 | 60 | Tr | - | 2.6 | • | • |
| Croydon ... | c mo c dc | c | c b b y c | 74 | 59 | 56 | - | - | 4.4 | • | • |
| Greenwich ... | c | cy | c b c c b | 80 | 63 | 55 | - | - | 4.3 | 54 | 59 |
| Westminster ... | • | • | • | 76 | 65 | 61 | - | | | 60 | 70 |
| Regents Park ... | • | • | • | 77 | 64 | 60 | - | - | | 54 | 45 |
| Camden Square | bc | c | • | 78 | 64 | 60 | - | - | | • | 67 |
| Kensington ... | bc | bc | • | 73 | 64 | - | - | - | | 66 | 65 |
| Hampstead ... | | | | | | | | | | | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·1 Time 6-9h 17th Min. 0·1 Time rest of period




H.M.S.O. Press, M.O., Dunstable.

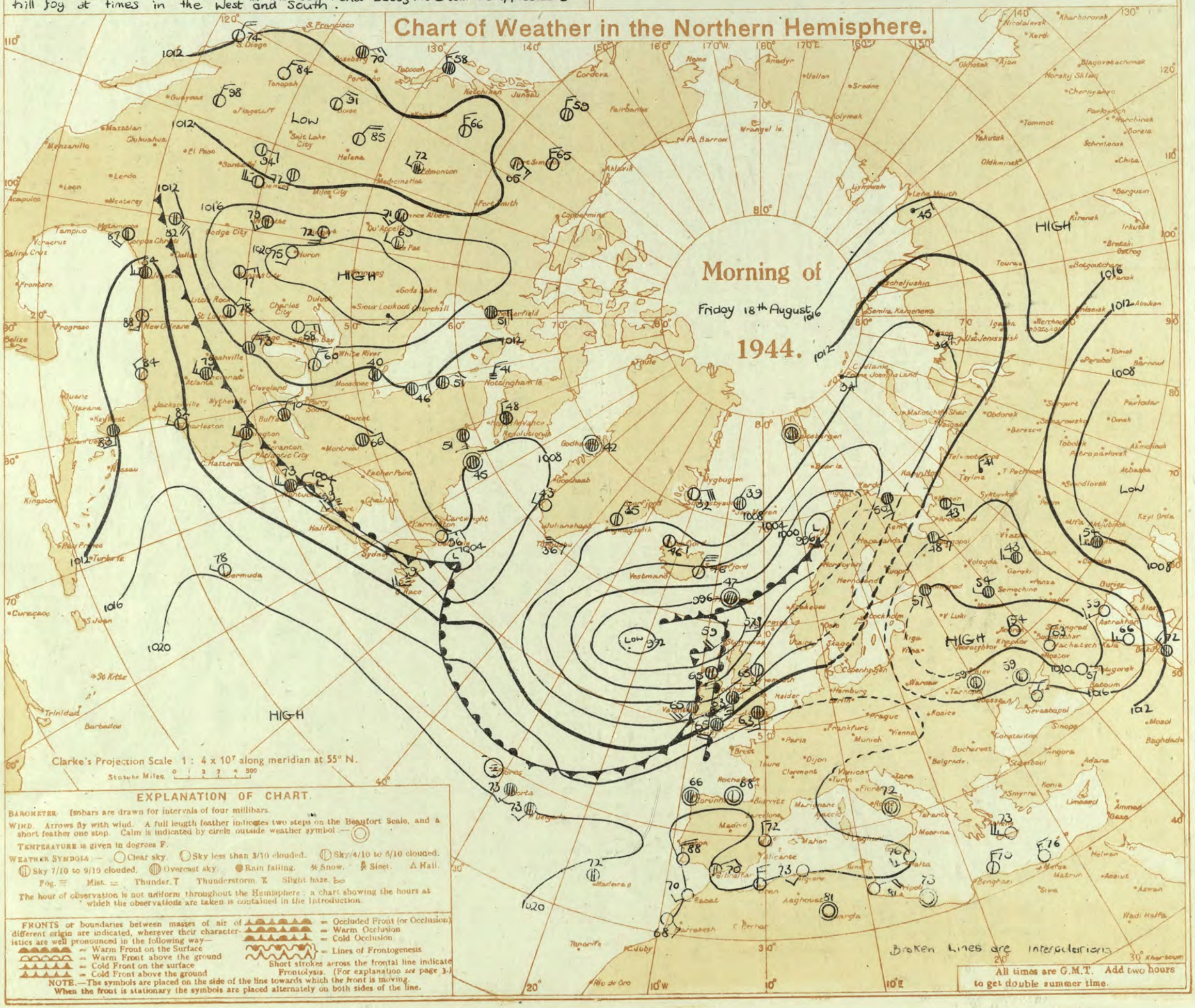
## GENERAL INFERENCE

A vigorous depression centred off Northwest Scotland is moving quickly northeast, and a trough of low pressure from West Scotland to Southwest Ireland will move east across the British Isles. Weather will be cloudy and rather cool in Scotland, with scattered showers, but there will be more general rain in the South today; weather will be cloudy and rather warm in Ireland, with general rain in the South and East at first, and scattered showers generally later; in England and Wales weather will be cloudy and rather warm, and rain will soon spread eastwards across the area but amounts will be small in the South and East; there will be appreciable hill fog at times in the West and South.

## FURTHER OUTLOOK

Showers in the West and North; fair in the Southeast.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Friday 18th August 1944

No. 30220

## OBSERVATIONS at 00hr. G.M.T. 18th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A. 0–9 (13) | Cloud Amount Low B. 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | | * | * | * | 64 | * | * | * | * | * | * | | | * | |
| | Croydon | 217 | 14.8 | +2 | S | 3 | c-bc | 63 | 61 | 7 | 5 | – | – | 5 | 5 | – | 10 | – |
| | Boscombe Down | 417 | 14.5 | 0 | S | 4 | c/d | 62 | 61 | 5 | 5 | – | – | 8 | 4 | 8 | 3 | 4 |
| | Thorney Island | 10 | 15.3 | 0 | SW | 2 | c | 65 | 63 | 7 | 5 | – | – | 8 | 4 | 8 | 5 | 40 |
| | Friston | – | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 16.3 | +4 | S | 2 | m | 60 | 60 | 4 | 5 | – | – | 8 | 4 | 8 | 8 | 25 |
| | Manston | 140 | 15.1 | +4 | SWS | 4 | b | 63 | 61 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| 2 | North Weald | 244 | 15.1 | +4 | SSW | 4 | zo | 63 | 59 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Felixstowe | 10 | 14.0 | +6 | ESE | 4 | b | 66 | 63 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Gorleston | 5 | 12.6 | 0 | WS | 2 | b | 66 | 66 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Mildenhall | 15 | 12.7 | +2 | SSW | 3 | b | 65 | 61 | 7 | 5 | – | – | 2 | 2 | – | 50 | – |
| | Bircham Newton | 221 | 12.4 | +2 | SSW | 2 | bc | 63 | 58 | 7 | – | – | 8 | 4 | 4 | – | – | – |
| | Cranwell | 203 | 11.5 | +2 | SSW | 3 | c-bc | 65 | 58 | 7 | 5 | – | – | 5 | 5 | – | 40 | – |
| 3 | Cranfield | 340 | 13.3 | +6 | SSW | 3 | bc | 62 | 59 | 7 | 5 | – | – | 4 | 4 | – | 16 | – |
| | Honiley | 427 | 12.2 | –2 | WSW | 3 | c-bc | 64 | 57 | 7 | 5 | – | – | 5 | 4 | 4 | 20 | 40 |
| 4 | Little Rissington | 731 | 12.6 | +2 | SW | 4 | c | 62 | 61 | 8 | 5 | – | – | 8 | 8 | – | 7 | – |
| | Shobden | 318 | 11.7 | –6 | SSE | 3 | c | 64 | 56 | 7 | 5 | – | – | 6 | 6 | – | 30 | – |
| 5 | Bristol | 209 | 13.2 | +2 | SWS | 3 | c-bc | 65 | 61 | 7 | 5 | – | – | 5 | 5 | – | 31 | – |
| | Chivenor | 20 | 12.8 | –2 | S | 3 | c | 65 | 63 | 7 | 5 | – | – | 7 | 7 | – | 36 | – |
| | Yeovilton | 50 | 13.8 | 0 | SW | 2 | id. | 64 | 63 | 6 | 5 | – | – | 8 | 4 | 8 | 20 | 25 |
| | Portland Bill | 32 | 14.2 | –2 | S | 3 | f | 62 | 60 | 2 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Exeter | 100 | 14.0 | 0 | SSW | 2 | 0 | 65 | 62 | 7 | 5 | – | – | 8 | 4 | 8 | 12 | 40 |
| | Plymouth | 86 | 13.9 | –2 | SW | 3 | zo | 65 | 63 | 6 | 5 | – | – | 8 | 4 | 8 | 9 | 25 |
| | St. Eval | 345 | 12.8 | –10 | SE | 3 | zo | 64 | 62 | 6 | 5 | – | – | 6 | 3 | 6 | 20 | 40 |
| | The Lizard | 240 | 12.9 | –10 | S | 4 | zo | 63 | 63 | 6 | 5 | – | – | 4 | 4 | – | 15 | – |
| | Scilly, St. Marys | 163 | 12.0 | –10 | SW | 4 | c | 65 | 64 | 7 | 5 | – | – | 8 | 8 | – | 15 | – |
| 6 | Fairwood | 268 | 12.1 | –6 | SSW | 4 | c | 64 | 61 | 7 | 5 | – | – | 8 | 8 | – | 12 | – |
| | Pembroke | 142 | 02.5 | –10 | SW | 5 | bcq | 64 | 64 | 7 | 5 | – | – | 4 | 4 | – | 21 | – |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 09.0 | –10 | S | 4 | zo | 65 | 62 | 6 | 5 | – | – | 8 | 4 | 8 | 13 | 40 |
| | Holyhead, Valley | 32 | 08.2 | –12 | S | 6 | zo | 63 | 62 | 6 | 5 | – | – | 8 | 8 | – | 9 | – |
| | Hawarden | 15 | 09.4 | –4 | ESE | 2 | c | 66 | 58 | 8 | 5 | 2 | – | 8 | 5 | 3 | 25 | – |
| 8 | Manchester | 230 | 10.0 | –4 | SW | 4 | c | 64 | 55 | 7 | 5 | 7 | – | 8 | 5 | 8 | 19 | – |
| | Squires Gate | 30 | 08.4 | –10 | SSW | 5 | c | 66 | 61 | 7 | 5 | – | – | 8 | 8 | – | 33 | – |
| | Silloth | 25 | 06.7 | –4 | SSW | 6 | c/d | 63 | 60 | 7 | 5 | – | – | 8 | 4 | 8 | 10 | 25 |
| 9 | Ashbourne | 590 | 11.2 | +4 | SSW | 2 | zo | 61 | 56 | 6 | 5 | – | – | 4 | 4 | – | 25 | – |
| | Snaith | 30 | 10.4 | –4 | SSW | 2 | zo | 65 | 56 | 6 | 5 | – | – | 6 | 3 | 5 | 25 | 40 |
| 10 | Spurn Head | 29 | 11.3 | 0 | SSW | 3 | zo | 63 | 60 | 6 | 7 | – | – | 3 | 3 | – | 25 | – |
| | Catterick (Sc.) | 195 | 08.3 | –6 | SW | 3 | c | 64 | 59 | 7 | 5 | 7 | – | 8 | 5 | 6 | 25 | – |
| | Tynemouth | 108 | 07.5 | –8 | S | 3 | bc | 65 | 57 | 7 | 8 | – | – | 4 | 4 | – | 25 | – |
| | Acklington | 138 | 06.2 | –10 | S | 4 | c | 64 | 55 | 7 | 5 | – | – | 8 | 8 | – | 30 | – |
| 11 | St. Abb's Head | 280 | 02.6 | –32 | SW | 5 | bbcq | 63 | 56 | 7 | 4 | – | – | 3 | 3 | – | 25 | – |
| | Leuchars | 31 | 02.5 | –18 | SSE | 2 | ir. | 63 | 57 | 6 | 5 | 7 | – | 8 | 5 | 8 | 17 | – |
| | Montrose | 22 | 03.3 | –14 | S | 3 | c | 61 | 56 | 7 | 5 | – | – | 8 | 4 | 8 | 24 | 40 |
| 12 | Abbotsinch | 19 | 03.3 | –12 | SSW | 3 | zo | 59 | 55 | 5 | 5 | – | – | 8 | 5 | 8 | 10 | 15 |
| | Prestwick | 30 | 04.6 | –14 | SW | 4 | zo | 64 | 60 | 6 | 5 | – | – | 8 | 3 | 8 | 20 | 57 |
| | West Freugh | 53 | 04.4 | –14 | SSW | 5 | zo | 60 | 60 | 6 | 5 | – | – | 6 | 3 | 6 | 6 | 40 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 05.6 | –6 | SSW | 6 | id. | 72 | 51 | 6 | 5 | – | – | 8 | 5 | 8 | 5 | 25 |
| 13A | Machrihanish | 35 | 01.2 | –18 | SSE | 5 | zo | 61 | 59 | 6 | 5 | 7 | – | 4 | 3 | 4 | 8 | 15 |
| | Tiree | 44 | 97.4 | –26 | SE | 4 | zo | 60 | 59 | 6 | 5 | – | – | 8 | 3 | 8 | 6 | 15 |
| | Oban | 74 | 00.1 | –22 | SSW | 3 | c | 62 | 61 | 6 | 5 | – | – | 8 | 3 | 8 | 10 | 15 |
| 13B | Stornoway | 12 | 94.6 | –40 | S | 4 | rr | 59 | 59 | 5 | 6 | 2 | – | 8 | 4 | 8 | 3 | 15 |
| | Cape Wrath | 367 | 97.1 | –22 | S | 2 | RR | 58 | 58 | 7 | 8 | 2 | – | 7 | 8 | – | 8 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 01.1 | –18 | S | 4 | c | 61 | 58 | 7 | 5 | 7 | – | 8 | 4 | 8 | 19 | – |
| | Fraserburgh | 76 | 01.7 | –14 | SE | 3 | c/r | 60 | 58 | 6 | 5 | 7 | – | 8 | 5 | 8 | 30 | – |
| | Alness | 63 | 98.7 | –22 | – | 0 | ir. | 60 | 59 | 7 | 5 | – | – | 8 | 8 | – | 23 | – |
| | Wick | 114 | 98.0 | –26 | S | 2 | ro.r. | 58 | 56 | 6 | 5 | – | – | 8 | 8 | – | 31 | – |
| 16 | Hatston | 45 | 99.0 | –10 | S | 4 | ro.r. | 58 | 56 | 5 | 5 | – | – | 8 | 4 | 8 | 10 | 15 |
| | Sumburgh | 15 | 99.2 | –12 | S | 3 | c. | 54 | 53 | 8 | 5 | 2 | – | 8 | 5 | 8 | 34 | – |
| | Sullom Voe | 12 | 99.0 | –8 | S | 3 | ro.r. | 57 | 56 | 6 | 5 | – | – | 8 | 8 | – | 4 | – |
| 17 | Blacksod Point | 18 | 98.2 | –10 | SW'S | 7 | c | 63 | 58 | 6 | 6 | – | – | 7 | 7 | – | 8 | – |
| 18 | Malin Head | 84 | 97.7 | –26 | SE | 6 | bc | 65 | 60 | 8 | 5 | – | – | 4 | 4 | – | 15 | – |
| | Aldergrove | 294 | 02.2 | –18 | SE | 4 | c | 65 | 62 | 7 | 5 | – | – | 8 | 4 | 8 | 11 | 25 |
| | Cas. Archdale | 240 | 01.5 | –18 | SSW | 6 | zo | 66 | 62 | 6 | 5 | – | – | 5 | 4 | 5 | 15 | 25 |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 05.6 | –14 | SW'S | 4 | bc | 65 | 60 | 8 | 5 | – | – | 4 | 4 | – | 25 | – |
| 20 | Foynes | 3 | 03.5 | –10 | SE | 4 | ir | 65 | 60 | 7 | 5 | 7 | – | 8 | 5 | – | 42 | – |
| | Valentia | 30 | 04.2 | –10 | SW'S | 5 | c/r | 65 | 60 | 7 | 6 | – | – | 8 | 8 | – | 9 | – |
| | Roches Point | 22 | 06.6 | –6 | SW'W | 4 | 0 | 62 | 61 | 7 | 5 | – | – | 8 | 8 | – | 8 | – |

## OBSERVATIONS at 06hr. G.M.T. 18th August

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A. 0–9 (29) | Cloud Amount Low B. 0–9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 12.7 | –6 | SSW | 2 | c | 66 | 61 | 8 | 5 | 3 | – | 7 | 2 | 6 | 28 | 40 | 0 | * |
| | Croydon | 12.8 | –8 | S | 2 | c | 65 | 61 | 8 | 5 | 7 | – | 7 | 2 | 5 | 10 | 40 | 0 | * |
| | Boscombe Down | 12.9 | –6 | SW | 4 | c-bc | 62 | 60 | 7 | 5 | 3 | 1 | 5 | 3 | 3 | 4 | 72 | 0 | * |
| | Thorney Island | 13.6 | –6 | SW | 3 | c-bc | 64 | 61 | 8 | 5 | – | 2 | 5 | 5 | 4 | 10 | – | 0 | * |
| | Friston | | | | | | | | | | | | | | | | | | * |
| | Lympne | 14.1 | –14 | SSE | 2 | zo | 62 | 60 | 6 | 5 | – | – | 3 | 2 | 3 | 36 | – | 0 | §2 |
| | Manston | 14.0 | –6 | SSW | 2 | bc | 62 | 59 | 7 | 5 | 4 | – | 4 | 4 | 3 | 50 | – | 0 | * |
| 2 | North Weald | 13.5 | –10 | SSW | 3 | zo | 65 | 60 | 6 | 5 | – | – | 6 | 6 | – | 3 | – | 0 | * |
| | Felixstowe | 13.3 | –4 | SSW | 4 | c-bc | 65 | 63 | 7 | 5 | – | – | 5 | 5 | – | 30 | – | 0 | 4 |
| | Gorleston | 12.4 | 0 | SW | 3 | bc | 63 | 61 | 7 | 5 | – | 6 | 4 | 3 | – | 40 | – | 0 | 2 |
| | Mildenhall | 11.8 | –2 | SSW | 4 | c-bc | 65 | 62 | 8 | 5 | – | – | 5 | 4 | 3 | 15 | 25 | 0 | * |
| | Bircham Newton | 11.2 | –2 | N | 4 | c-bc | 63 | 59 | 7 | 5 | 3 | – | 5 | 3 | 4 | 5 | 25 | 0 | * |
| | Cranwell | 09.4 | –8 | SW | 3 | bc | 62 | 60 | 7 | 5 | 7 | – | 4 | 4 | 2 | 45 | – | 0 | * |
| 3 | Cranfield | 12.4 | –4 | S | 3 | c-bc | 62 | 60 | 7 | 5 | – | – | 5 | 3 | 4 | 30 | – | 0 | * |
| | Honiley | 09.8 | –8 | S | 3 | bc | 61 | 58 | 7 | – | 7 | – | 4 | 4 | – | 80 | – | 0 | * |
| 4 | Little Rissington | 10.5 | –10 | SSW | 4 | c | 60 | 59 | 8 | 5 | – | – | 7 | 5 | 4 | 2 | 25 | 0 | * |
| | Shobden | 08.9 | –14 | S | 3 | c | 64 | 59 | 7 | 5 | 7 | – | 7 | 4 | 5 | 20 | 40 | 0 | * |
| 5 | Bristol | 10.4 | –18 | SSW | 4 | bc | 63 | 60 | 8 | 5 | – | – | 4 | 2 | 4 | 5 | 25 | 0 | * |
| | Chivenor | 09.7 | –6 | S | 4 | c/r | 66 | 66 | 8 | 5 | – | – | 7 | 5 | 7 | 12 | 25 | 1 | * |
| | Yeovilton | 11.4 | –10 | SSW | 2 | zo | 63 | 62 | 6 | 5 | – | – | 8 | 4 | 8 | 3 | 8 | 0 | * |
| | Portland Bill | 18.2 | –6 | SSE | 3 | c-bc | 62 | 59 | 8 | 5 | 4 | – | 5 | 4 | 5 | 50 | 72 | 1 | 3 |
| | Exeter | 11.4 | –10 | SSE | 3 | id. | 64 | 63 | 6 | 5 | – | – | 8 | 8 | – | 10 | – | 0 | * |
| | Plymouth | 11.1 | –14 | SW | 4 | d.d. | 64 | 63 | 5 | 5 | – | – | 8 | 8 | 8 | 2 | 15 | 1 | 3 |
| | St. Eval | 10.1 | –14 | SSW | 3 | zo | 65 | 64 | 6 | 5 | – | – | 6 | 6 | – | 6 | 40 | 0 | * |
| | The Lizard | 10.7 | –6 | SSW | 5 | ir. | 64 | 64 | 4 | 5 | – | – | 8 | 8 | – | 4 | – | 1 | 4 |
| | Scilly, St. Marys | 09.0 | –26 | SSW | 4 | c | 65 | 64 | 6 | 5 | – | – | 8 | 8 | – | 9 | – | 0 | 4 |
| 6 | Fairwood | 09.6 | –10 | SSW | 4 | c/p | 64 | 63 | 7 | 5 | – | – | 8 | 4 | 8 | 6 | 15 | 0 | * |
| | Pembroke | 07.0 | –12 | SSW | 4 | c/p | 64 | 63 | 6 | 8 | – | – | 8 | 8 | – | 15 | – | 1 | 4 |
| | Aberporth | 07.3 | –12 | SW'S | 4 | c | 64 | 62 | 8 | 5 | – | – | 8 | 4 | 8 | 56 | 72 | 1 | 3 |
| 7 | Penrhos | 06.6 | –10 | S | 5 | c-bc/pr | 64 | 62 | 6 | 5 | – | – | 5 | 5 | 8 | 5 | 40 | 1 | 4 |
| | Holyhead, Valley | 05.4 | –8 | SSW | 6 | zo | 62 | 62 | 6 | 5 | – | – | 8 | 5 | 8 | 5 | 15 | 1 | 5 |
| | Hawarden | 06.9 | –12 | ESE | 4 | c | 66 | 52 | 8 | 5 | 7 | – | 6 | 4 | 3 | 25 | – | 0 | * |
| 8 | Manchester | 07.9 | –14 | S | 4 | zo | 62 | 57 | 6 | 5 | – | 1 | 7 | 6 | 3 | 35 | – | 0 | * |
| | Squires Gate | 05.6 | –12 | SSW | 5 | c | 65 | 59 | 7 | 5 | – | – | 8 | 4 | 8 | 10 | 25 | 0 | |
| | Silloth | 03.9 | –12 | SSW | 6 | c | 64 | 61 | 7 | 5 | – | – | 8 | 5 | 8 | 6 | 25 | 0 | * |
| 9 | Ashbourne | 09.2 | –12 | SW | 3 | zo | 61 | 59 | 6 | 5 | 3 | – | 6 | 4 | 4 | 8 | 25 | 0 | * |
| | Snaith | 08.1 | –10 | S | 4 | zo | 60 | 57 | 6 | – | 7 | – | 3 | 3 | – | 150 | – | 0 | * |
| 10 | Spurn Head | 09.2 | –6 | SSW | 4 | bc | 62 | 60 | 7 | 7 | 3 | – | 4 | 3 | 3 | 25 | 72 | 0 | 3 |
| | Catterick (Sc.) | 05.8 | –14 | SE'S | 4 | c-bc | 62 | 59 | 7 | 5 | 7 | 6 | 5 | 3 | 3 | 20 | – | 0 | * |
| | Tynemouth | 06.3 | –2 | S | 3 | zo | 64 | 59 | 6 | 2 | 3 | – | 4 | 4 | 3 | 18 | – | 0 | 2 |
| | Acklington | 04.1 | –6 | SSW | 4 | c | 65 | 59 | 7 | 5 | 7 | 9 | 6 | 4 | 3 | 18 | – | 0 | * |
| 11 | St. Abb's Head | 00.1 | –16 | SSW | 5 | c | 64 | 61 | 8 | 4 | 6 | 7 | 7 | 4 | 3 | 25 | – | 0 | 3 |
| | Leuchars | 98.5 | –16 | SSW | 4 | c | 65 | 59 | 7 | 5 | – | 7 | 8 | 4 | 8 | 15 | 40 | 1 | * |
| | Montrose | 98.9 | –18 | SSW | 4 | c | 64 | 59 | 7 | 9 | 7 | 9 | 7 | 3 | 4 | 15 | 25 | 0 | * |
| 12 | Abbotsinch | 00.0 | –6 | SW | 5 | ir. | 64 | 61 | 6 | 5 | – | – | 8 | 4 | 8 | 12 | 25 | 1 | * |
| | Prestwick | 99.9 | –8 | SSW | 4 | ro.r. | 63 | 61 | 5 | 5 | 2 | – | 8 | 2 | 4 | 3 | 8 | 1 | * |
| | West Freugh | 01.7 | –10 | S | 5 | c/r | 62 | 59 | 6 | 5 | 7 | – | 8 | 1 | 6 | 2 | 25 | 0 | * |
| | Eskdalemuir | 01.4 | –16 | SSW | 6 | df | 60 | 59 | 3 | – | 2 | – | 8 | 8 | – | 0 | – | 1 | * |
| | Jurby, I. of Man | 02.6 | –12 | SSW | 6 | zo | 63 | 61 | 6 | 5 | 7 | – | 8 | 3 | 4 | 8 | 25 | 0 | * |
| 13A | Machrihanish | 99.4 | +2 | SW'W | 5 | pr | 63 | 59 | 7 | 5 | 7 | – | 7 | 3 | 4 | 8 | 15 | 1 | 4 |
| | Tiree | 95.9 | +4 | SW'W | 6 | ro.r. | 59 | 56 | 6 | 5 | – | – | 7 | 4 | 7 | 8 | 25 | 1 | 5 |
| | Oban | 97.9 | +4 | SW | 4 | c/d | 59 | 57 | 8 | 5 | 3 | – | 5 | 2 | 5 | 20 | 25 | 1 | 4 |
| 13B | Stornoway | 87.3 | –26 | SSW | 7 | rr | 58 | 58 | 5 | 5 | – | – | 8 | 5 | 8 | 5 | 15 | 2 | 5 |
| | Cape Wrath | 88.3 | –36 | SSW | 5 | bc | 59 | 59 | 8 | 5 | 2 | – | 4 | 4 | – | 15 | – | 1 | 4 |
| 15 | Dalwhinnie | 96.5 | –20 | SW | 5 | c | 60 | 57 | 7 | 5 | – | – | 7 | 7 | – | 20 | – | 1 | * |
| | Aberdeen† | 97.3 | –16 | SSW | 4 | c-bc | 59 | 57 | 7 | 5 | 7 | 9 | 5 | 4 | 3 | – | – | 0 | 2 |
| | Fraserburgh | 96.6 | –18 | SW | 5 | zo | 60 | 58 | 6 | 5 | 7 | 2 | 7 | 3 | 7 | 45 | – | 0 | |
| | Alness | 93.0 | –26 | SW | 7 | b-bc | 66 | 57 | 8 | 5 | – | 4 | 3 | 3 | 1 | 25 | – | 1 | * |
| | Wick | 92.6 | –24 | S | 5 | c | 61 | 57 | 8 | 5 | 7 | – | 7 | 5 | 7 | 20 | – | 1 | * |
| 16 | Hatston | 91.7 | –24 | S | 5 | c/r | 60 | 56 | 7 | 5 | 7 | – | 7 | 4 | 7 | 30 | – | * | * |
| | Sumburgh | 92.5 | –36 | S | 5 | c | 56 | 55 | 7 | 5 | 7 | – | 8 | 1 | 4 | 7 | 25 | 1 | 2 |
| | Sullom Voe | 91.9 | –42 | SSE | 5 | c/r | 57 | 56 | 6 | 5 | – | – | 8 | 4 | 8 | 3 | 15 | 1 | * |
| 17 | Blacksod Point | 00.3 | +10 | WS | 4 | c/pr | 59 | 54 | 7 | 6 | – | – | 7 | 7 | – | 8 | – | 1 | 3 |
| 18 | Malin Head | 98.1 | +14 | WS | 4 | c | 60 | 58 | 8 | 5 | – | – | 6 | 6 | – | 8 | – | 1 | 2 |
| | Aldergrove | 00.3 | –2 | SW | 4 | c-bc | 62 | 60 | 7 | 5 | 7 | – | 5 | 2 | 4 | 8 | 40 | 1 | * |
| | Cas. Archdale | 01.1 | +2 | SW | 3 | c | 60 | 57 | 8 | 5 | – | – | 7 | 5 | 7 | 15 | 40 | 1 | * |
| 19 | Birr Castle | 02.0 | +4 | SSW | 2 | ir | 61 | 60 | 7 | 6 | 2 | – | 8 | 5 | – | 8 | – | 1 | * |
| | Collinstown | 02.9 | –6 | SW'S | 5 | ir. | 66 | 61 | 8 | 5 | 7 | – | 7 | 5 | – | 25 | – | 0 | * |
| 20 | Foynes | 02.8 | +2 | WSW | 2 | c/r | 60 | 58 | 8 | 5 | 7 | – | 7 | 3 | – | 55 | – | 1 | * |
| | Valentia | 03.1 | –6 | SSW | 1 | c | 60 | 59 | 8 | 5 | 7 | – | 8 | 5 | – | 45 | – | 1 | |
| | Roches Point | 03.4 | –10 | SW'W | 3 | c/r | 62 | 61 | 7 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | 4 |

## PAST 24 HOURS.

| District | Stations | Temperature Max. Day 6h-18h °F. (35) | Temperature Min. Night 18h-6h °F. (36) | Temperature Min. on Grass °F. (37) | Rainfall Day 6h-18h mm. (38) | Rainfall Night 18h-6h mm. (39) | Sunshine Hrs. (40) |
|---|---|---|---|---|---|---|---|
| 1 | Kew | 75 | 64 | 60 | Tr | – | 2.6 |
| | Croydon | 74 | 59 | 56 | – | – | 4.4 |
| | Boscombe Down | 76 | 60 | 51 | – | 0.3 | 4.9 |
| | Thorney Island | 75 | 63 | 58 | – | – | * |
| | Friston | | | | | | |
| | Lympne | 71 | 60 | 53 | – | – | 3.7 |
| | Manston | 76 | 60 | 57 | – | – | 6.5 |
| 2 | North Weald | 77 | 61 | * | * | * | * |
| | Felixstowe | 75 | 63 | 60 | – | – | 6.5 |
| | Gorleston | 78 | 62 | 55 | – | – | 7.6 |
| | Mildenhall | 77 | 62 | 56 | – | – | 3.6 |
| | Bircham Newton | 76 | 60 | 53 | – | – | * |
| | Cranwell | 74 | 56 | 40 | – | – | 4.4 |
| 3 | Cranfield | 73 | 62 | 55 | – | Tr | * |
| | Honiley | 75 | 57 | 55 | – | – | * |
| 4 | Little Rissington | – | 60 | 57 | – | Tr | * |
| | Shobden | 70 | 60 | * | Tr | – | * |
| 5 | Bristol | 77 | 63 | 55 | – | – | 4.8 |
| | Chivenor | 73 | 64 | 61 | – | Tr | * |
| | Yeovilton | 75 | 63 | 61 | – | Tr | |
| | Portland Bill | 63 | 65 | * | – | – | * |
| | Exeter | 77 | 63 | 59 | – | Tr | * |
| | Plymouth | 68 | 64 | 61 | – | 1 | 6.5 |
| | St. Eval | 72 | 61 | 55 | 0.1 | 0.1 | * |
| | The Lizard | 69 | 62 | * | Tr | 1 | 9.2 |
| | Scilly, St. Marys | 71 | 63 | * | – | – | 11.2 |
| 6 | Fairwood | – | 63 | 62 | Tr | Tr | * |
| | Pembroke | 66 | 62 | * | – | 0.3 | 0.1 |
| | Aberporth | 72 | 63 | 60 | 0.2 | 0.5 | 1.4 |
| 7 | Penrhos | 67 | 63 | 62 | Tr | 0.3 | * |
| | Holyhead, Valley | 68 | 62 | 61 | – | 1 | * |
| | Hawarden | 70 | 61 | 58 | – | – | 0.3 |
| 8 | Manchester | 70 | 61 | 54 | Tr | – | * |
| | Squires Gate | 70 | 63 | 63 | – | – | * |
| | Silloth | | 62 | * | | 0.2 | * |
| 9 | Ashbourne | 71 | 57 | 51 | – | – | * |
| | Snaith | 74 | 60 | 55 | Tr | – | * |
| 10 | Spurn Head | 76 | 61 | * | – | – | 6.9 |
| | Catterick (Sc.) | 71 | 62 | 55 | Tr | – | 3.6 |
| | Tynemouth | 70 | 61 | 58 | – | – | |
| | Acklington | 68 | 63 | 59 | – | – | * |
| 11 | St. Abb's Head | 68 | 61 | * | – | – | * |
| | Leuchars | 70 | 63 | 57 | Tr | Tr | 4.0 |
| | Montrose | 68 | 58 | 56 | Tr | – | * |
| 12 | Abbotsinch | 66 | 61 | 60 | 0.1 | 2 | 0.2 |
| | Prestwick | 69 | 61 | 60 | 0.3 | 1 | * |
| | West Freugh | 67 | 59 | 59 | 0.1 | Tr | * |
| | Eskdalemuir | 62 | 59 | 59 | 0.2 | 2 | 0.1 |
| | Jurby, I. of Man | 92 | 61 | 60 | Tr | 2 | * |
| 13A | Machrihanish | 67 | 60 | 60 | 0.3 | 0.3 | * |
| | Tiree | 63 | 57 | 56 | – | 6 | 0.0 |
| | Oban | 63 | 57 | * | – | * | * |
| 13B | Stornoway | 63 | 63 | 57 | 1 | 26 | 0.0 |
| | Cape Wrath | 65 | 60 | * | Tr | 31 | * |
| 15 | Dalwhinnie | 61 | 58 | 56 | 0.5 | 7 | 0.0 |
| | Aberdeen† | 68 | 58 | 55 | Tr | Tr | 3.8 |
| | Fraserburgh | 77 | 57 | 55 | – | 0.2 | * |
| | Alness | 69 | 66 | 57 | 0.2 | 0.5 | * |
| | Wick | 64 | 56 | 54 | 0.1 | 2 | * |
| 16 | Hatston | * | * | * | * | * | * |
| | Sumburgh | 59 | 54 | 53 | Tr | 1 | 1.1 |
| | Sullom Voe | 60 | 55 | 54 | 0.6 | 6 | * |
| 17 | Blacksod Point | 63 | 58 | * | 1 | 4 | * |
| 18 | Malin Head | 65 | 59 | * | 0.6 | 0.2 | 0.1 |
| | Aldergrove | 68 | 60 | 58 | 0.1 | 1 | 0.4 |
| | Cas. Archdale | 66 | 60 | 57 | 0.1 | 4 | * |
| 19 | Birr Castle | 69 | 60 | 59 | 0.1 | 4 | 0.0 |
| | Collinstown | 72 | 65 | 65 | Tr | Tr | 1.4 |
| 20 | Foynes | 72 | 60 | 59 | Tr | 4 | 1.6 |
| | Valentia | 66 | 59 | 57 | 1 | – | 0.0 |
| | Roches Point | 66 | 62 | * | 2 | 5 | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Saturday 19th Aug 1944

No. 30221

## OBSERVATIONS at 12h. G.M.T. 18th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 11·1 | -10 | SW'S | 3 | c | 73 | 58 | 8 | 2 | - | 6 | 6 | 5 | 6 | 25 | - |
| | Croydon | 11·7 | -6 | S | 3 | bc | 73 | 58 | 8 | 5 | - | 9 | 5 | 4 | 3 | 20 | - |
| | Boscombe Down | 12·0 | -2 | SSW | 5 | c/d | 69 | 62 | 7 | 5 | - | - | 7 | 4 | 7 | 10 | 25 |
| | Thorney Island | 12·8 | -10 | S'W | 4 | c | 72 | 65 | 8 | 5 | 4 | 1 | 6 | 4 | 4 | 20 | 40 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 13·3 | -10 | SSW | 4 | bc | 72 | 59 | 8 | 1 | - | - | 3 | 2 | - | 22 | - |
| | Manston | 12·7 | -10 | SW'W | 5 | bc | 76 | 54 | 8 | - | - | 1 | 3 | 3 | 3 | 30 | - |
| 2 | North Weald | 11·8 | -10 | S | 4 | c | 73 | 56 | 7 | 2 | - | - | 5 | 5 | - | 30 | - |
| | Felixstowe | 11·7 | -12 | | 5 | bc | 73 | 65 | 8 | 2 | 6 | 1 | 4 | 4 | 3 | 30 | - |
| | Gorleston | 10·5 | -14 | SSW | 5 | bcq | 68 | 62 | 7 | 2 | | | | | | 25 | - |
| | Mildenhall | 09·9 | -10 | NW | 4 | c | 78 | 57 | 8 | 1 | - | 6 | 5 | 4 | 4 | 30 | - |
| | Bircham Newton | 09·3 | -8 | SSW | 4 | bc | 74 | 57 | 8 | 1 | - | 6 | 4 | 3 | 3 | 30 | - |
| | Cranwell | 08·1 | -6 | SSW | 5 | c | 73 | 64 | 8 | 5 | - | - | 6 | 2 | 6 | 20 | 40 |
| 3 | Cranfield | 10·5 | -8 | WSW | 4 | c | 70 | 59 | 8 | 5 | - | - | 7 | 5 | 7 | 20 | 40 |
| | Honiley | 08·1 | -12 | S | 5 | c | 72 | 61 | 7 | 5 | 3 | - | 7 | 4 | 5 | 12 | 25 |
| 4 | Little Rissington | 09·1 | -8 | SSW | 4 | c | 66 | 62 | 7 | 5 | - | - | 8 | 5 | 8 | 9 | 25 |
| | Shobden | 07·6 | +6 | S | 3 | c/d | 70 | | 7 | 5 | - | - | 8 | 4 | 8 | 20 | 40 |
| 5 | Bristol | 09·8 | -8 | SW | 2 | ido | 66 | 63 | 6 | 5 | - | - | 8 | 6 | 8 | 11 | 15 |
| | Chivenor | 08·5 | -8 | S | 4 | c | 71 | 68 | 7 | 5 | - | - | 8 | 5 | 8 | 10 | 25 |
| | Yeovilton | 10·4 | -6 | S | 4 | c | 67 | 64 | 7 | 5 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| | Portland Bill | 12·0 | -6 | S | 4 | c | 64 | 61 | 8 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 10·6 | -8 | SW | 4 | 20 | 68 | 64 | 6 | 5 | - | - | 8 | 5 | 8 | 10 | 15 |
| | Plymouth | 10·3 | -8 | SW | 4 | 20 | 64 | 62 | 6 | 5 | - | - | 8 | 5 | 8 | 7 | 15 |
| | St. Eval | 09·1 | -8 | S'W | 6 | c | 68 | 63 | 7 | 5 | 3 | - | 7 | 4 | 5 | 6 | 25 |
| | The Lizard | 09·2 | -8 | SSW | 4 | 20 | 64 | 64 | 6 | 5 | - | - | 5 | 6 | - | 6 | - |
| | Scilly, St. Marys | 07·7 | -10 | S'W | 4 | c | 67 | 64 | 7 | 5 | - | - | 8 | 8 | - | 11 | - |
| 6 | Fairwood | 08·4 | -10 | S'W | 4 | c | 67 | 65 | 7 | 5 | - | - | 7 | 2 | 5 | 8 | 15 |
| | Pembroke | 05·9 | 0 | S'W | 6 | cy | 65 | 62 | 6 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Aberporth | 06·0 | -8 | S'E | 5 | c | 67 | 62 | 7 | 5 | 1 | - | 8 | 0 | 2 | 12 | - |
| 7 | Penrhos | 05·5 | -2 | S'W | 5 | 20 | 66 | 63 | | 5 | - | - | 8 | 5 | 8 | 6 | 40 |
| | Holyhead, Valley | 05·0 | +6 | SW | 6 | 20 | 63 | 62 | 5 | 5 | - | - | 8 | 6 | 8 | 1 | 8 |
| | Hawarden | 05·7 | -6 | SSW | 5 | c | 73 | 60 | 7 | 5 | - | - | 7 | 3 | 7 | 20 | 40 |
| 8 | Manchester | 05·8 | -14 | SW'S | 5 | bc | 73 | 59 | 7 | 5 | - | 1 | 4 | 4 | 1 | 20 | - |
| | Squires Gate | 04·9 | -4 | SSW | 5 | 20 | 69 | 62 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 15 |
| | Silloth | 03·4 | -2 | SW'S | 6 | rr | 62 | 62 | 5 | 5 | - | - | 8 | 8 | - | 4 | - |
| 9 | Ashbourne | 07·6 | -12 | S | 4 | c | 69 | 60 | 7 | 5 | - | - | 7 | 4 | 7 | 7 | 15 |
| | Snaith | 06·7 | -12 | SSW | 4 | 20 | 73 | 60 | 6 | 5 | 7 | - | 7 | 4 | 4 | 20 | 25 |
| 10 | Spurn Head | 08·2 | -2 | SSW | 5 | c | 73 | 60 | 7 | 5 | - | - | 8 | 3 | 8 | 10 | - |
| | Catterick (Sc.) | 05·0 | -6 | S | 5 | 20 | 78 | 63 | 7 | 5 | - | - | 8 | 5 | 8 | 15 | 40 |
| | Tynemouth | 03·8 | -6 | S | 5 | 20 | 72 | 60 | 6 | 2 | - | - | 5 | 5 | - | 22 | - |
| | Acklington | 03·6 | -4 | SW | 4 | c | 71 | 61 | 7 | 8 | 7 | - | 7 | 4 | 4 | 20 | 40 |
| 11 | St. Abb's Head | 01·3 | +16 | SW | 5 | c/pr | 66 | 61 | 8 | 6 | - | - | 7 | 5 | 4 | 20 | 25 |
| | Leuchars | 90·0 | +8 | SW | 5 | c | 70 | 57 | 8 | 6 | - | - | 6 | 4 | 5 | 18 | 40 |
| | Montrose | 00·5 | +16 | SW | 5 | c | 70 | 56 | 8 | 8 | - | - | 6 | 3 | 3 | 25 | 40 |
| 12 | Abbotsinch | 01·5 | +6 | WNW | 3 | propr | 63 | 58 | 8 | 8 | - | - | 7 | 4 | 7 | 16 | 15 |
| | Prestwick | 01·6 | +6 | W'S | 3 | iro | 62 | 60 | 6 | 5 | 2 | - | 8 | 4 | 8 | 10 | 25 |
| | West Freugh | 02·1 | 0 | SW | 2 | roro | 62 | 62 | 6 | 5 | 7 | - | 8 | 6 | 8 | 3 | - |
| | Eskdalemuir | 01·3 | -2 | SSW | 4 | rv | 60 | 60 | 5 | - | 2 | - | 8 | 8 | - | 1 | - |
| | Jurby, I. of Man | 02·8 | +2 | SW | 4 | iro | 63 | 62 | 7 | 6 | 7 | - | 8 | 3 | 4 | 10 | 15 |
| 13A | Machrihanish | 01·3 | +4 | WSW | 2 | bc/d | 63 | 57 | 8 | 5 | 7 | - | 6 | 4 | 4 | 15 | 25 |
| | Tiree | 88·7 | +10 | WSW | 3 | bc | 63 | 59 | 8 | 2 | 7 | 2 | 4 | 3 | 3 | 8 | 25 |
| | Oban | 00·9 | +10 | SW | 3 | c | 62 | 58 | 8 | 5 | 1 | - | 7 | 2 | 4 | 15 | 25 |
| 13B | Stornoway | 95·9 | +38 | SW | 5 | propr | 57 | 54 | 7 | 9 | - | - | 7 | 4 | 7 | 8 | 25 |
| | Cape Wrath | 93·7 | +64 | W | 6 | propr | 58 | 56 | 6 | 8 | 2 | - | 5 | - | 0 | - | - |
| 15 | Dalwhinnie | 99·0 | +8 | SW | 3 | c | 61 | 51 | 7 | 5 | 1 | - | 8 | 5 | 8 | 25 | 72 |
| | Aberdeen | 98·5 | +10 | SW | 3 | c | 69 | 57 | 9 | 2 | 7 | 9 | 5 | 1 | 4 | - | 25 |
| | Fraserburgh | 98·0 | +18 | SW | 5 | c | 68 | 54 | 9 | 2 | 3 | 8 | 7 | 5 | 7 | 20 | - |
| | Alness | 96·8 | +34 | W | 5 | c | 65 | 54 | 8 | 8 | 6 | - | 7 | 6 | 1 | 25 | - |
| | Wick | 96·7 | +50 | SW | 5 | bc | 64 | 50 | 8 | 8 | 7 | - | 6 | 5 | 3 | 10 | - |
| 16 | Hatston | 93·9 | +56 | WSW | 8 | propr | 60 | 53 | 7 | 8 | 7 | - | 5 | 4 | 4 | 15 | 25 |
| | Sumburgh | 90·2 | -6 | SSW | 7 | bc | 61 | 53 | 8 | 5 | 4 | 2 | 4 | 1 | 3 | 30 | - |
| | Sullom Voe | 88·8 | -16 | SW | 6 | bc | 63 | 54 | 7 | 5 | 4 | - | 3 | 1 | 3 | 18 | - |
| 17 | Blacksod Point | 01·6 | +2 | WSW | 3 | rr | 59 | 57 | 6 | - | 2 | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head | 00·2 | +6 | W'N | 3 | bc | 63 | 54 | 8 | 4 | - | 3 | 4 | 4 | - | 15 | - |
| | Aldergrove | 01·8 | +6 | SW'S | 3 | c | 63 | 59 | 8 | 8 | 7 | 8 | 6 | 3 | 5 | 20 | 40 |
| | Cas. Archdale | 02·1 | +2 | W | 1 | bc | 66 | 58 | 9 | 8 | 6 | - | 4 | 4 | 1 | 30 | - |
| 19 | Birr Castle | 02·3 | +2 | SSW | 1 | c | 67 | 58 | 8 | 3 | 1 | - | 8 | 3 | - | 15 | - |
| | Collinstown | 03·3 | 0 | SW | 2 | RR | 60 | 59 | 6 | 5 | 2 | - | 8 | 8 | - | 8 | - |
| 20 | Foynes | 03·1 | +2 | WNW | 2 | c | 66 | 57 | 8 | 2 | 4 | 8 | 6 | 5 | - | 25 | - |
| | Valentia | 03·6 | +2 | SW'W | 3 | c | 64 | 55 | 8 | 8 | - | 2 | 5 | 4 | - | 25 | - |
| | Roches Point | 03·2 | 0 | SW | 3 | c/r | 63 | 62 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - |

## OBSERVATIONS at 18h. G.M.T. 18th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A 0-9 (29) | Cloud Amount Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 09·2 | -8 | SW | 4 | c | 72 | 56 | 8 | 7 | 4 | 1 | 4 | 2 | 3 | 28 | 40 | 0 | * |
| Croydon | 09·6 | -10 | S'W | 3 | bc | 72 | 57 | 9 | 2 | - | - | 5 | 4 | 5 | 35 | 57 | 0 | * |
| Boscombe Down | 10·1 | -8 | SSW | 4 | c | 68 | 60 | 7 | 5 | - | - | 7 | 4 | 7 | 12 | 25 | 0 | * |
| Thorney Island | 10·7 | -10 | S | 3 | bc | 69 | 63 | 8 | 8 | - | - | 4 | 1 | 4 | 30 | 40 | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 11·0 | -10 | SSW | 2 | bc | 71 | 58 | 8 | 4 | - | 1 | 2 | 2 | 1 | 60 | - | 0 | § |
| Manston | 10·3 | -10 | SW'W | 4 | b | 73 | 55 | 8 | 1 | - | 9 | 1 | 1 | 1 | 30 | - | 0 | * |
| North Weald | 10·0 | -4 | SSW | 3 | c | 72 | 57 | 7 | 7 | 6 | 1 | 5 | 3 | 4 | 25 | 40 | 0 | * |
| Felixstowe | 10·3 | -6 | SS W | 5 | bc | 74 | 61 | 8 | 2 | 1 | 1 | 4 | 1 | 4 | 30 | - | 0 | 5 |
| Gorleston | 09·5 | -4 | SSW | 5 | bq | 73 | 63 | 7 | - | - | 3 | 1 | 1 | - | 80 | - | 0 | 3 |
| Mildenhall | 08·2 | -6 | SW | 4 | bc | 73 | 57 | 8 | 2 | 6 | 1 | 4 | 3 | 3 | 35 | - | 0 | * |
| Bircham Newton | 08·1 | -4 | WSW | 3 | c | 73 | 60 | 8 | 8 | 3 | - | 6 | 3 | 4 | 30 | 57 | 0 | * |
| Cranwell | 06·8 | -2 | SSW | 4 | c | 72 | 61 | 7 | 5 | 7 | - | 7 | 1 | 6 | 15 | 40 | 0 | * |
| Cranfield | 08·8 | -8 | S | 5 | c | 72 | 55 | 8 | 7 | - | - | 7 | 4 | 7 | 20 | 40 | 0 | * |
| Honiley | 06·9 | -6 | SSW | 5 | c | 69 | 57 | 7 | 5 | 7 | - | 7 | 6 | - | 35 | - | 0 | * |
| Little Rissington | 07·3 | -8 | SW | 5 | c/r | 66 | 59 | 8 | 5 | - | - | 7 | 4 | 7 | 15 | 25 | 0 | * |
| Shobden | 05·4 | -4 | S | 3 | c/r | 66 | 64 | 5 | 5 | 2 | - | 8 | 4 | 5 | 6 | 15 | 1 | * |
| Bristol | 07·7 | -10 | S'E | 4 | c | 66 | 61 | 7 | 5 | - | - | 7 | 4 | 7 | 20 | 40 | 0 | * |
| Chivenor | 06·0 | -14 | S'W | 4 | ido | 68 | 61 | 7 | 5 | 2 | - | 8 | 3 | 5 | 10 | 25 | 0 | * |
| Yeovilton | 08·4 | -10 | S | 4 | c | 66 | 64 | 7 | 5 | 2 | - | 8 | 4 | 5 | 6 | 8 | 0 | * |
| Portland Bill | 10·2 | -8 | SSW | 4 | c | 64 | 61 | 8 | 5 | - | - | 8 | 8 | - | 50 | - | 1 | 3 |
| Exeter | 08·8 | -16 | SSW | 4 | c | 67 | 64 | 7 | 5 | - | - | 8 | 4 | 8 | 9 | 15 | 1 | * |
| Plymouth | 07·6 | -10 | SSW | 4 | iro | 64 | 63 | 6 | 5 | - | - | 8 | 5 | 8 | 3 | 8 | 1 | 3 |
| St. Eval | 06·4 | -10 | SSW | 4 | iro | 66 | 64 | 6 | 5 | - | - | 8 | 4 | 8 | 4 | 15 | 0 | 0 |
| The Lizard | 06·5 | -20 | S'W | 5 | 20 | 65 | 64 | 5 | 5 | - | - | 8 | 8 | - | 5 | - | 1 | 5 |
| Scilly, St. Marys | 05·6 | -6 | - | 0 | ir | 63 | 63 | 7 | 8 | - | - | 8 | 5 | 8 | 8 | - | 1 | 4 |
| Fairwood | 07·4 | -6 | SSW | 4 | c/r | 65 | 63 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 | * |
| Pembroke | 04·3 | -14 | W'S | 3 | RR | 62 | 62 | 6 | 6 | - | - | 8 | 8 | - | 10 | - | 1 | 4 |
| Aberporth | 04·3 | -10 | SSW | 1 | rr | 62 | 61 | 7 | 5 | - | - | 8 | 1 | 2 | 6 | - | 1 | 3 |
| Penrhos | 04·5 | -6 | SW | 4 | c/r | 62 | 50 | 7 | 5 | 7 | - | 8 | 2 | 5 | 10 | 40 | 1 | 3 |
| Holyhead, Valley | 04·4 | -2 | S'W | 4 | roro | 61 | 60 | 7 | 5 | 7 | - | 8 | 3 | 5 | 6 | 40 | 1 | 4 |
| Hawarden | 04·7 | +2 | SSW | 3 | iro | 64 | 61 | 8 | 5 | - | - | 8 | 5 | 3 | 12 | 25 | 1 | * |
| Manchester | 04·8 | -6 | SSW | 5 | c/pr | 69 | 60 | 7 | 9 | - | - | 8 | 4 | 8 | 20 | 40 | 0 | * |
| Squires Gate | 04·3 | -4 | W'S | 4 | roro | 64 | 61 | 6 | 5 | 7 | - | 8 | 4 | 5 | 15 | 40 | 1 | * |
| Silloth | 03·7 | +2 | SSW | 3 | roro | 61 | 60 | 6 | 6 | 2 | - | 8 | 4 | 8 | 6 | 15 | 1 | * |
| Ashbourne | 07·1 | +4 | SSW | 3 | iro | 67 | 61 | 7 | 6 | 2 | - | 8 | 6 | 8 | 1 | 15 | 0 | 0 |
| Snaith | 05·4 | -4 | SSW | 4 | c | 71 | 61 | 7 | 5 | 3 | 2 | 7 | 1 | 4 | 15 | 25 | 0 | * |
| Spurn Head | 06·8 | -4 | SSW | 5 | cq | 70 | 61 | 7 | 5 | - | - | 7 | 7 | - | - | - | 0 | * |
| Catterick (Sc.) | 04·7 | 0 | SW'W | 4 | iro | 63 | 61 | 6 | 6 | 2 | - | 8 | 4 | 8 | 20 | 40 | 1 | 0 |
| Tynemouth | 04·3 | 0 | SSW | 2 | iro | 65 | 61 | 6 | - | 2 | - | 8 | 8 | - | 22 | - | 1 | * |
| Acklington | 03·4 | +6 | WSW | 2 | ido | 64 | 60 | 7 | 5 | - | - | 6 | 4 | 8 | 15 | 40 | 1 | 0 |
| St. Abb's Head | 01·7 | +4 | SW | 3 | iro | 63 | 59 | 8 | 8 | 2 | - | 8 | 5 | 3 | 20 | 40 | 1 | * |
| Leuchars | 01·3 | +4 | SW | 2 | c | 65 | 56 | 8 | 5 | 7 | - | 7 | 5 | 7 | 50 | - | 1 | * |
| Montrose | 02·0 | +10 | SW | 3 | c | 65 | 56 | 8 | 8 | 7 | - | 8 | 3 | 8 | 12 | - | 0 | * |
| Abbotsinch | 02·2 | 0 | WSW | 2 | c | 63 | 57 | 8 | 8 | 7 | 1 | 6 | 4 | 4 | 18 | 25 | 1 | * |
| Prestwick | 01·7 | 0 | WNW | 2 | c | 63 | 58 | 8 | 7 | 7 | - | 7 | 3 | 4 | 8 | 40 | 0 | * |
| West Freugh | 02·4 | -2 | S | 2 | c | 61 | 57 | 8 | 8 | 4 | 6 | 7 | 3 | 4 | 5 | 25 | 0 | * |
| Eskdalemuir | 02·4 | +4 | S | 3 | iro | 59 | 56 | 7 | 6 | 2 | - | 8 | 5 | 8 | 9 | 15 | 1 | * |
| Jurby, I. of Man | 03·0 | -2 | NNE | 3 | iro | 61 | 59 | 8 | 5 | 7 | - | 8 | 2 | 4 | 17 | 57 | 1 | * |
| Machrihanish | 01·3 | -4 | SE | 2 | c | 63 | 57 | 8 | 8 | 7 | - | 7 | 3 | 4 | 15 | 25 | 0 | 1 |
| Tiree | 01·1 | +6 | SW | 2 | c/r | 59 | 56 | 8 | 5 | - | - | 7 | 1 | 7 | 5 | 25 | 1 | 1 |
| Oban | 01·3 | 0 | SW | 2 | c | 61 | 56 | 8 | 7 | - | - | 7 | 2 | 4 | 10 | 57 | 1 | 2 |
| Stornoway | 98·4 | +14 | NW | 3 | propr | 60 | 58 | 6 | 9 | 6 | - | 7 | 4 | 6 | 7 | 15 | 1 | 2 |
| Cape Wrath | 98·5 | +18 | W | 3 | rf | 52 | 52 | 3 | - | - | - | 0 | 0 | 0 | - | - | 2 | 4 |
| Dalwhinnie | 01·0 | +6 | SW | 3 | c | 58 | 50 | 8 | 5 | 2 | - | 8 | 4 | 8 | 25 | 72 | 0 | * |
| Aberdeen | 00·4 | +4 | E | 1 | c | 67 | 56 | 8 | 4 | 7 | - | 8 | 2 | 8 | - | - | 0 | 2 |
| Fraserburgh | 00·9 | +8 | SE | 2 | c | 59 | 55 | 9 | 2 | 7 | 8 | 7 | 3 | 4 | 25 | - | 0 | 0 |
| Alness | 99·4 | +14 | WSW | 1 | c | 63 | 53 | 9 | 4 | - | 8 | 6 | 4 | 6 | 25 | - | 0 | * |
| Wick | 99·5 | +20 | SW | 4 | c | 61 | 54 | 9 | 8 | 7 | - | 7 | 3 | 4 | 30 | 57 | 0 | * |
| Hatston | 98·6 | +10 | W | 5 | c | 58 | 52 | 8 | 8 | - | - | 7 | 4 | 6 | 10 | 25 | * | * |
| Sumburgh | 96·5 | +22 | SW'W | 5 | c | 55 | 52 | 8 | 5 | 4 | 8 | 7 | 3 | 3 | 10 | - | 0 | 4 |
| Sullom Voe | 97·0 | +40 | WSW | 4 | c | 54 | 49 | 8 | 5 | - | - | 7 | 7 | - | 20 | - | 0 | * |
| Blacksod Point | 01·8 | 0 | WSW | 3 | bc | 62 | 57 | 8 | 8 | - | - | 8 | 5 | - | 15 | - | 1 | 3 |
| Malin Head | 01·0 | +6 | W'S | 2 | roro | 59 | 57 | 8 | 5 | 2 | - | 8 | 8 | - | 8 | - | 1 | 3 |
| Aldergrove | 01·7 | -2 | S'W | 2 | c | 65 | 57 | 8 | 5 | - | 8 | 7 | 4 | 4 | 30 | 57 | 1 | * |
| Cas. Archdale | 02·3 | +6 | WNW | 2 | bc/pr | 60 | 58 | 8 | 8 | 6 | 3 | 4 | 2 | 3 | 15 | 25 | 1 | * |
| Birr Castle | 02·4 | +2 | SSW | 1 | c | 67 | 58 | 8 | 8 | 1 | - | 5 | 4 | - | 15 | - | 1 | * |
| Collinstown | 03·2 | 0 | SSE | 2 | c/r | 62 | 60 | 5 | 5 | 7 | - | 7 | 5 | - | 25 | - | 1 | * |
| Foynes | 03·4 | +2 | W'N | 3 | c | 67 | 58 | 9 | 2 | - | 3 | 5 | 5 | - | 4 | - | 0 | * |
| Valentia | 03·9 | +2 | SW'W | 3 | bc | 63 | 58 | 8 | 2 | - | 3 | 4 | 4 | - | 25 | - | 1 | 3 |
| Roches Point | 02·5 | -6 | SW'W | 3 | c | 64 | 62 | 8 | 3 | - | 8 | 5 | 4 | - | 15 | - | 1 | 4 |

## PAST 24 HOURS — WEATHER

| Stations | 06h.–12h. 18th (41) | 12h.–18h. 18th (42) | 18h. 18th to 00h. 19th (43) | 00h.–06h. 19th (44) |
|---|---|---|---|---|
| Kew | bcc | cbcy | bcb-c | cbccmo |
| Croydon | bc | bcy | bcybbcb rc | cc2obcc |
| Boscombe Down | cidoc | ccyc | bc | cirocmo |
| Thorney Island | cbcc | bccbc | | bcciro |
| Friston | | | | |
| Lympne | bcmobc | bbcb | bcc | bcb |
| Manston | bcmocbc | bcvby | bbcybc | bccmoc |
| North Weald | bcc | cy | bcbc2omo | bcmo |
| Felixstowe | bcbc | bcybc | bcb | bbcc |
| Gorleston | bcq | bcq | b | bcc |
| Mildenhall | cbcbcycy | cbccy | bcc | bcciroc |
| Bircham Newton | c | bccy | bc | bcc |
| Cranwell | bcc | cbcc | bcc | cmoccir |
| Cranfield | cbcc | bcc | ccir | ciroc |
| Honiley | cidoc | cciro | c | cddcro |
| Little Rissington | cbcc | c | ccirocro | iroidoromo |
| Shobden | cidoc | croromo | ciromo | crorocmoc |
| Bristol | ccido | cmoido | cmoiro | cmoirc |
| Chivenor | c | cido | cddrrc | crrddmo |
| Yeovilton | cdcdcc | ccdocc | cc2oc | idorriro |
| Portland Bill | c | c | c | opr |
| Exeter | oidoomo | moido | cmociro | crorooido |
| Plymouth | ddozmo | cmoiro | cmororo | cmororo |
| St. Eval | c | cmo | cmocrod | crocmoc |
| The Lizard | oirmo | cprmo | coror | orffc |
| Scilly, St. Marys | c | Rrrc | prirc | cbcbc |
| Fairwood | cmoc | ccmoiro | orrmobc | cmofdd |
| Pembroke | oq | oyrmo | c | bc |
| Aberporth | c | ciRrr | * | crrc |
| Penrhos | ccidocmo | ciroromoc | crorocmo | bcmoo,cfg |
| Holyhead, Valley | crrcmo | crrcmo | cdc | omofc |
| Hawarden | c | cciro | circircmo | ccbcmo |
| Manchester | cmoc | bcciroro | corRRmo | RRcmo |
| Squires Gate | c,cmo | croromo | croromo | bcmoc |
| Silloth | cidoiromo | croromo | croromoc | cmobcc |
| Ashbourne | cmoc | cciromo | cmoirocmo | cmoirrrc |
| Snaith | bcmoc2o | c2oc | c2oromo | cromrrmo |
| Spurn Head | c | cq | c | c |
| Catterick (Sc.) | bccroc | cmoro | cmocrmo | crmobcfg |
| Tynemouth | bccmo | cpgroro | ororomo | docmo |
| Acklington | cidoc | cirocido | cidoromo | cmorof |
| St. Abb's Head | cqprc | crvccro | ciroorro | owrrbcc |
| Leuchars | ciromoc | ccirc | cb,mobcc | cirom. |
| Montrose | ciromobcy | ciromoc | cybcbc | ciro |
| Abbotsinch | cpro | cproc | ccidomo | crorobc |
| Prestwick | crorairomo | ciromoc | ciromoc | ciromobc |
| West Freugh | crorome | crorome | cmoc | cmodwc |
| Eskdalemuir | omddorf | ciriro | croromocr | cmo |
| Jurby, I. of Man | cirorairo | iroroiro | cirocbc | bcmobcew |
| Machrihanish | prcdc | c | c | bc2bc |
| Tiree | cidocbc | bcc | cbccprc | cproc |
| Oban | ciroc | c | circ | ciroc |
| Stornoway | crrmoc | prcpromo | cproromo | cbc |
| Cape Wrath | crocpor | cidorFfr | crrc | cproc |
| Dalwhinnie | cporo | o | * | obcc |
| Aberdeen | cbccproc | cyc | c | crorocmo |
| Fraserburgh | cmobcmoc | c | cbcb | bbccro |
| Alness | bcycipc | ccyc | cbcc | cbcdc |
| Wick | cbcbbcc | c | cciroc | cmoc |
| Hatston | cpr | c | cirido | odc |
| Sumburgh | cmobcb | bcc | iroc | iroc |
| Sullom Voe | crobc | croc | cbcb | cprcrc |
| Blacksod Point | r | bc | bc | prbc |
| Malin Head | bc | r | bc | bc |
| Aldergrove | croroc | c | circbcb | bfgifcfc |
| Cas. Archdale | cidobc | cprc | bcb | bbc |
| Birr Castle | r | c | * | f |
| Collinstown | r | r | bc | bc |
| Foynes | bc | bc | b | b |
| Valentia | c | bc | b | bc |
| Roches Point | r | c | b | bc |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil  1 = Trace  2 = 1/10  3 = 1/4  4 = 1/2  5 = 3/4  6 = 8/10  7 = More than 9 but with openings.  8 = Completely covered.  9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present. B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

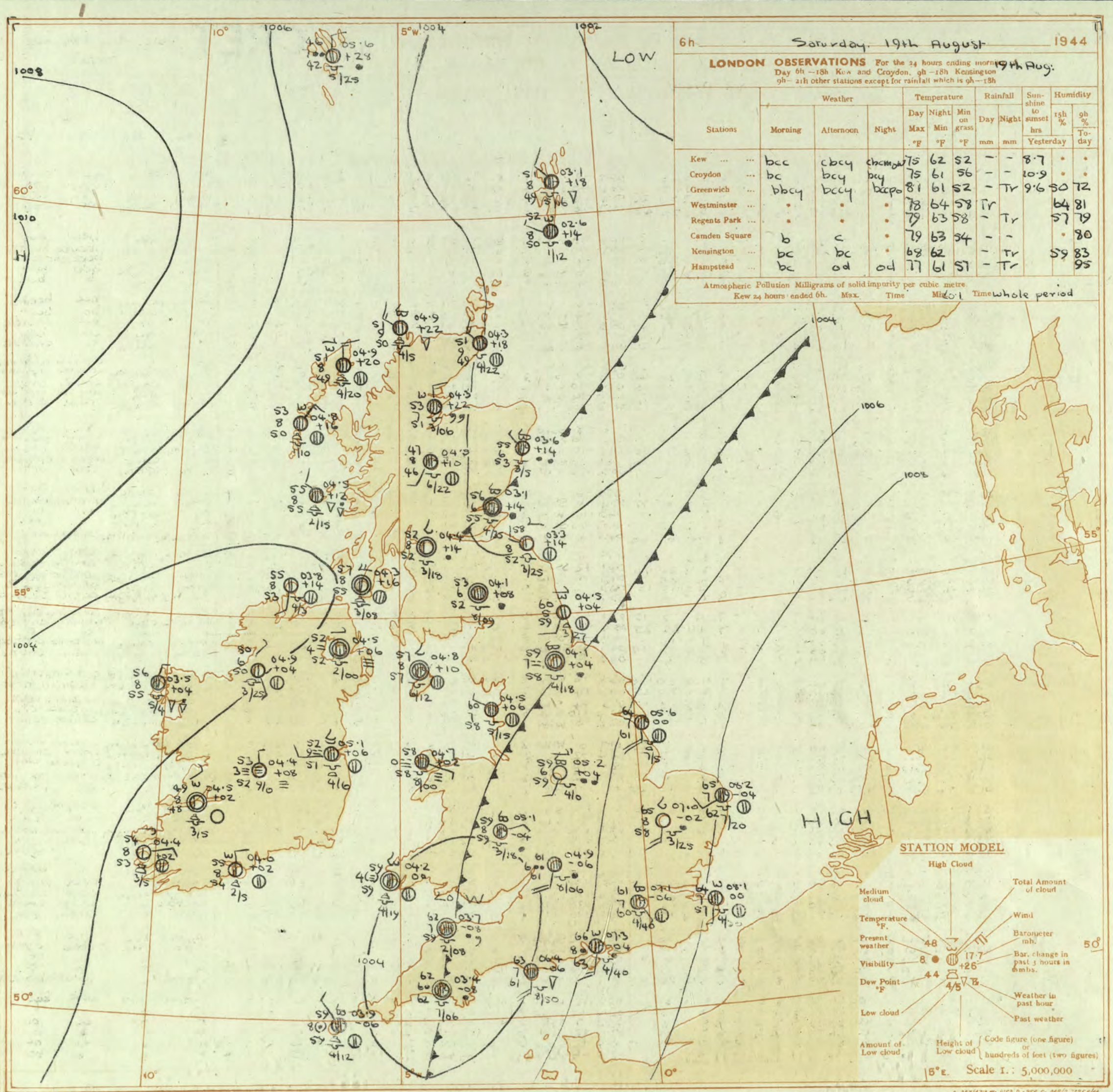
NELSON K. JOHNSON, K.C.B., D.Sc., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Saturday 19th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning 19th Aug.
Day 6h – 18h Kew and Croydon, 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | bcc | cbcy | cbcmow | 75 | 62 | 52 | – | – | 8·7 | • | • |
| Croydon ... | bc | bcy | bcy | 75 | 61 | 56 | – | – | 10·9 | • | • |
| Greenwich ... | bbcy | bccy | bccpo | 81 | 61 | 52 | – | Tr | 9·6 | 50 | 72 |
| Westminster ... | • | • | • | 78 | 64 | 58 | Tr | | | 64 | 81 |
| Regents Park ... | • | • | • | 79 | 63 | 58 | – | Tr | | 57 | 79 |
| Camden Square | b | c | • | 79 | 63 | 54 | – | – | | • | 80 |
| Kensington ... | bc | bc | • | 68 | 62 | | – | Tr | | 59 | 83 |
| Hampstead ... | bc | od | od | 77 | 61 | 57 | – | Tr | | | 95 |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max. Time Min 0·1 Time whole period




H.M.S.O. Press, M.O., Dunstable.

## GENERAL INFERENCE

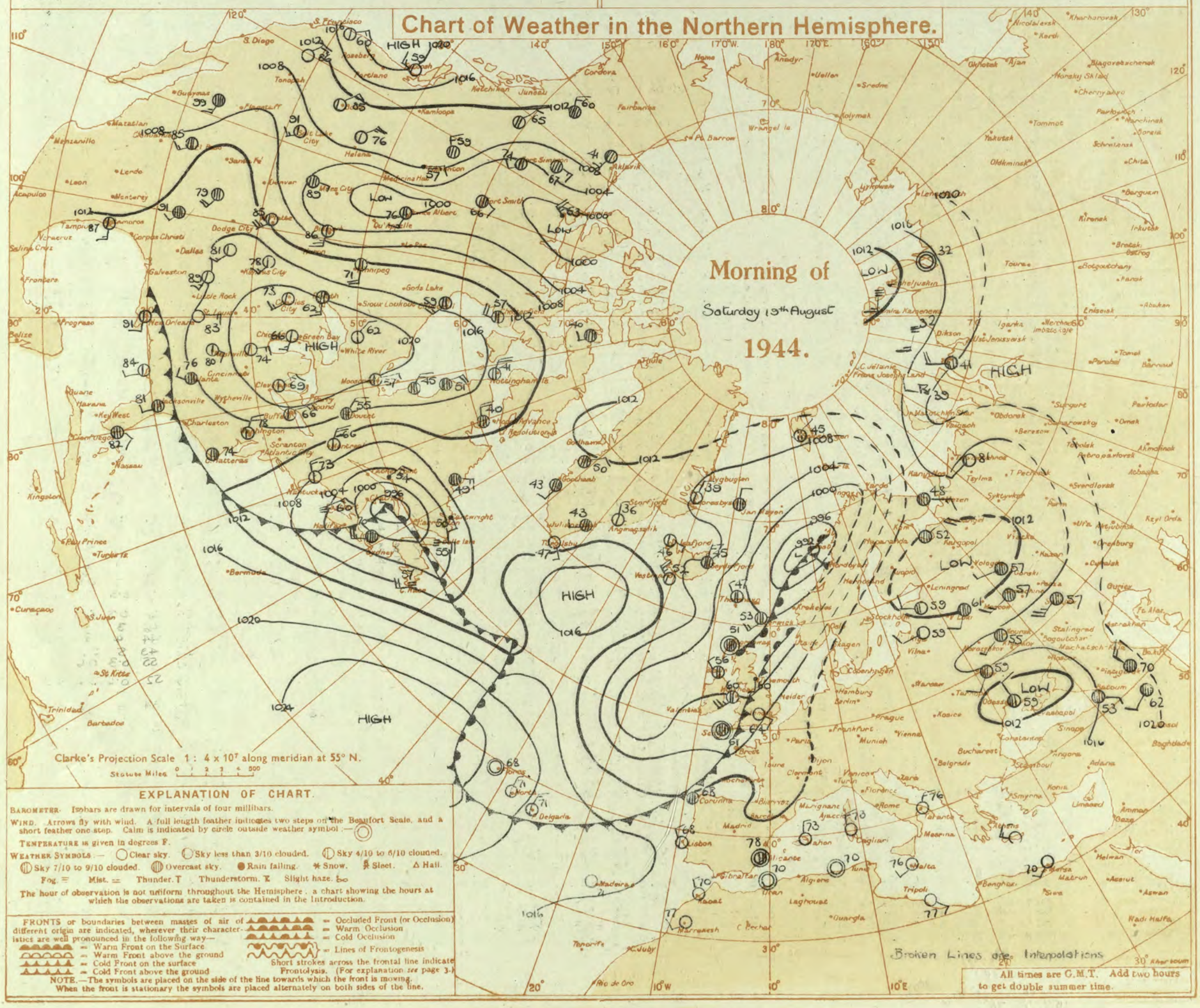
A shallow depression over Southwest England is moving slowly east, and an anticyclone southwest of Iceland is spreading east; Over much of England and Wales weather will be cloudy with occasional rain, in southwest England however there will be some bright intervals; weather will be fair in Northwest and West Scotland; it will be cool in the North but rather warm in the East and South.

## FURTHER OUTLOOK

Fair in the North; unsettled in the East and South with occasional rain.

# Chart of Weather in the Northern Hemisphere.

## Morning of Saturday 19th August 1944.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Saturday 19th August 1944

No. 30221

## OBSERVATIONS at 00hr. G.M.T. 19th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A. 0–9 (13) | Cloud Amount Low B. 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 65 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 08·4 | −10 | SE | 2 | b | 64 | 57 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Boscombe Down | 417 | 08·9 | −4 | SW | 3 | ir. | 63 | 61 | 6 | – | 2 | – | 8 | 7 | – | 63 | – |
| | Thorney Island | 10 | 08·8 | −12 | S | 3 | c | 67 | 62 | 7 | 5 | 1 | – | 8 | 3 | 8 | 30 | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 10·6 | −2 | SE | 2 | b-bc | 61 | 59 | 7 | 5 | – | – | 3 | 3 | – | 40 | – |
| | Manston ... | 140 | 09·8 | −2 | S | 2 | c | 62 | 58 | 7 | 5 | – | – | 6 | 3 | 6 | 20 | 40 |
| 2 | North Weald | 244 | 09·8 | −6 | SSE | 2 | zo | 63 | 57 | 6 | 5 | – | – | 3 | 3 | – | 40 | – |
| | Felixstowe ... | 10 | 09·7 | −6 | SSW | 2 | b | 67 | 63 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Gorleston ... | 5 | 09·3 | −2 | SW | 2 | b | 63 | 57 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Mildenhall | 15 | 07·8 | −6 | SSW | 3 | c-bc | 68 | 57 | 7 | 5 | – | – | 5 | 5 | – | 50 | – |
| | Bircham Newton | 221 | 07·7 | −6 | SSW | 4 | c-bc | 65 | 56 | 7 | 5 | – | – | 5 | 5 | – | 64 | – |
| | Cranwell ... | 203 | 05·8 | −4 | SE | 3 | c | 66 | 61 | 7 | 5 | – | – | 8 | 8 | – | 24 | – |
| 3 | Cranfield ... | 340 | 08·0 | −6 | S | 3 | ir. | 64 | 60 | 7 | 5 | – | – | 7 | 3 | 7 | 15 | 57 |
| | Honiley ... | 427 | 05·6 | −8 | S | 4 | c | 65 | 61 | 7 | 5 | – | – | 6 | 5 | – | 20 | – |
| 4 | Little Rissington | 731 | 06·3 | −6 | W | 5 | c/r | 63 | 61 | 6 | 5 | – | – | 8 | 5 | 8 | 7 | 15 |
| | Shobden ... | 318 | 04·9 | −10 | SSW | 3 | r.r. | 63 | 62 | 5 | 5 | 2 | – | 8 | 6 | 8 | 8 | 72 |
| 5 | Bristol ... | 209 | 06·1 | −14 | SSW | 4 | ir. | 65 | 61 | 6 | 5 | 2 | – | 8 | 5 | 8 | 12 | – |
| | Chivenor ... | 20 | 05·3 | −6 | S | 1 | c | 62 | 61 | 7 | 5 | – | – | 7 | 7 | – | 26 | – |
| | Yeovilton | 50 | 08·6 | −8 | SW | 4 | zo | 65 | 63 | 6 | 5 | 7 | – | 8 | 3 | 7 | 13 | 40 |
| | Portland Bill | 32 | 08·6 | −8 | S | 4 | c | 62 | 60 | 7 | 5 | – | – | 8 | 8 | – | 50 | – |
| | Exeter ... | 100 | 06·4 | −8 | SE | 2 | c/r | 65 | 64 | 6 | 5 | – | – | 8 | 4 | 8 | 10 | 25 |
| | Plymouth ... | 86 | 06·0 | −10 | SW | 4 | r.r. | 63 | 63 | 6 | 5 | – | – | 8 | 5 | 3 | 5 | 8 |
| | St. Eval ... | 345 | 05·4 | −10 | SSW | 1 | i.d. | 62 | 61 | 5 | 5 | – | – | 8 | 5 | 8 | 20 | 57 |
| | The Lizard | 240 | 05·0 | −10 | SW | 2 | rr | 63 | 63 | 4 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Scilly, St. Marys | 163 | 05·0 | −8 | – | 0 | c-bc | 61 | 60 | 8 | 8 | 4 | – | 5 | 4 | 3 | 15 | – |
| 6 | Fairwood ... | 268 | 05·6 | −2 | W'S | 1 | zo | 61 | 60 | 6 | 5 | – | – | 3 | 3 | – | 18 | – |
| | Pembroke ... | 142 | 05·0 | −2 | SWW | 2 | c-bc | 62 | 60 | 8 | 8 | – | – | 5 | 5 | – | 15 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 04·4 | +2 | SW | 3 | c/r | 61 | 60 | 6 | 5 | 2 | – | 8 | 6 | 8 | 8 | 25 |
| | Holyhead, Valley | 32 | 04·2 | +2 | SW | 5 | bc | 60 | 59 | 7 | 8 | – | – | 4 | 4 | – | 10 | – |
| | Hawarden | 15 | 03·9 | −4 | S | 2 | c/d | 62 | 60 | 6 | 5 | – | – | 7 | 3 | 8 | 8 | 15 |
| 8 | Manchester | 230 | 04·2 | −6 | WSW | 4 | RR | 62 | 62 | 5 | 6 | 2 | – | 8 | 4 | 8 | 11 | 40 |
| | Squires Gate | 30 | 03·9 | −4 | S | 3 | c/d | 62 | 61 | 6 | 5 | 2 | – | 8 | 5 | 8 | 8 | 25 |
| | Silloth ... | 25 | 03·5 | 0 | SSW | 4 | zo | 60 | 60 | 6 | 5 | – | – | 8 | 5 | 8 | 8 | 25 |
| 9 | Ashbourne ... | 590 | 05·2 | −8 | S | 3 | zo | 63 | 61 | 6 | 6 | 2 | – | 8 | 4 | 8 | 9 | 15 |
| | Snaith ... | 30 | 04·9 | −6 | SW | 2 | ir. | 65 | 60 | 6 | 5 | – | – | 8 | 8 | – | 31 | – |
| 10 | Spurn Head | 29 | 06·4 | −2 | S | 4 | c-bc | 66 | 59 | 7 | 7 | – | – | 5 | 5 | – | 25 | – |
| | Catterick (Sc.) | 195 | 04·0 | −8 | SE'S | 3 | rr | 61 | 61 | 6 | 6 | 2 | – | 8 | 5 | 8 | 5 | 40 |
| | Tynemouth | 108 | 04·5 | −4 | S | 1 | r.r. | 60 | 58 | 6 | – | 2 | – | 8 | 8 | – | 25 | – |
| | Acklington | 138 | 03·1 | 0 | – | 0 | zo | 59 | 59 | 5 | 5 | – | – | 8 | 4 | 8 | 15 | 57 |
| 11 | St. Abb's Head | 280 | 02·0 | −8 | WSW | 3 | c/r | 59 | 57 | 7 | 5 | – | – | 8 | 8 | – | 20 | – |
| | Leuchars ... | 31 | 01·9 | −2 | – | 0 | zo | 57 | 55 | 6 | 5 | 7 | – | 7 | 5 | 7 | 40 | – |
| | Montrose ... | 22 | 02·9 | +2 | – | 0 | c | 55 | 53 | 9 | 5 | – | – | 6 | 6 | – | 20 | – |
| 12 | Abbotsinch | 19 | 02·5 | +2 | – | 0 | i.d. | 60 | 58 | 5 | 5 | – | – | 8 | 8 | – | 20 | – |
| | Prestwick ... | 30 | 02·4 | 0 | – | 0 | ir. | 58 | 56 | 6 | 5 | 2 | – | 8 | 5 | 8 | 14 | 25 |
| | West Freugh | 53 | 02·6 | +2 | – | 0 | c-bc | 56 | 55 | 7 | 5 | – | – | 5 | 2 | 5 | 15 | 40 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 03·0 | +2 | SW | 2 | bc | 58 | 58 | 7 | 5 | – | – | 4 | 3 | 4 | 4 | 15 |
| 13A | Machrihanish | 35 | 02·4 | +6 | – | 0 | c | 57 | 54 | 7 | 5 | 7 | – | 8 | 4 | 8 | 20 | – |
| | Tiree ... | 44 | 02·6 | +6 | SW | 2 | c-bc | 57 | 57 | 6 | 5 | – | – | 5 | 4 | 4 | 25 | 57 |
| | Oban ... | 74 | 02·7 | +2 | SW | 1 | c/r | 57 | 56 | 7 | 5 | – | – | 8 | 2 | 8 | 10 | 15 |
| 13B | Stornoway ... | 12 | 01·8 | +16 | – | 0 | c | 51 | 50 | 7 | 5 | – | – | 8 | 4 | 8 | 10 | 15 |
| | Cape Wrath | 367 | 01·7 | +18 | W | 1 | c | 52 | 51 | 8 | 5 | 2 | – | 8 | 5 | – | 15 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 01·1 | 0 | SW | 2 | bc | 55 | 52 | 8 | 5 | 4 | – | 4 | 3 | 4 | 40 | – |
| | Fraserburgh | 76 | 01·5 | 0 | WSW | 2 | b-bc | 54 | 52 | 9 | 5 | – | – | 3 | 3 | – | 40 | – |
| | Alness ... | 63 | 01·2 | +10 | W | 2 | c-bc | 56 | 51 | 8 | 5 | – | – | 5 | 5 | – | 28 | – |
| | Wick ... | 114 | 00·9 | +10 | – | 0 | bc | 56 | 51 | 9 | 5 | – | – | 4 | 4 | – | 60 | – |
| 16 | Hatston ... | 45 | 01·0 | +12 | NW | 3 | c/d | 54 | 52 | 6 | 5 | – | – | 8 | 4 | 8 | 5 | 8 |
| | Sumburgh ... | 15 | 00·5 | +12 | W | 2 | ir. | 52 | 52 | 6 | 5 | – | – | 8 | 1 | 8 | 8 | 15 |
| | Sullom Voe | 12 | 00·1 | +22 | WSW | 3 | c | 53 | 47 | 7 | 5 | – | – | 6 | 4 | 6 | 15 | 25 |
| 17 | Blacksod Point | 18 | 03·0 | +6 | WSW | 1 | bc | 56 | 55 | 8 | 8 | – | – | 4 | 4 | – | 15 | – |
| 18 | Malin Head | 84 | 02·4 | +6 | NW | 1 | bc | 56 | 54 | 8 | 4 | – | – | 4 | 4 | – | 15 | – |
| | Aldergrove | 294 | 03·2 | +4 | – | 0 | b | 54 | 53 | 8 | 5 | – | – | 1 | 1 | – | 40 | – |
| | Cas. Archdale | 240 | 83·3 | 0 | – | 0 | bc | 55 | 54 | 7 | 5 | – | – | 2 | 2 | – | 15 | – |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 04·2 | +2 | WSW | 3 | b-bc | 56 | 54 | 8 | 8 | – | – | 3 | 3 | – | 33 | – |
| 20 | Foynes ... | 3 | 04·5 | +4 | SW | 1 | b | 56 | 55 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Valentia ... | 30 | 04·6 | −2 | NE'E | 1 | bc | 55 | 53 | 8 | 1 | – | – | 4 | 4 | – | 23 | – |
| | Roches Point | 22 | 03·9 | +2 | NW | 2 | b | 58 | 57 | 8 | 5 | – | – | 2 | 2 | – | 25 | – |

## OBSERVATIONS at 06hr. G.M.T. 19th August

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A. 0–9 (29) | Cloud Amount Low B. 0–9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 06·4 | −4 | SSE | 2 | zo | 65 | 60 | 6 | 5 | 3 | – | 5 | 4 | 5 | 35 | – | 0 | * |
| | Croydon ... | 07·1 | −6 | SE | 1 | c | 61 | 60 | 7 | 5 | 7 | – | 6 | 4 | 6 | 40 | – | 0 | * |
| | Boscombe Down | 06·0 | −12 | S'E | 3 | r.r. | 63 | 61 | 6 | 5 | – | – | 8 | 4 | 8 | 5 | 8 | 1 | * |
| | Thorney Island | 07·3 | −4 | S'W | 3 | ir. | 66 | 63 | 8 | 5 | 3 | – | 6 | 4 | 6 | 40 | – | 0 | * |
| | Friston ... | | | | | | | | | | | | | | | | | | * |
| | Lympne ... | 07·5 | −26 | SE | 3 | c-bc | 63 | 60 | 8 | 5 | 3 | – | 5 | 4 | 5 | 30 | – | 0 | § |
| | Manston ... | 06·1 | 0 | S'W | 1 | c-bc | 64 | 57 | 7 | 5 | 3 | – | 5 | 4 | 4 | 30 | – | 0 | * |
| 2 | North Weald | 10·8 | −2 | S | 2 | zo | 61 | 58 | 5 | – | 3 | – | 4 | 4 | – | – | – | 0 | * |
| | Felixstowe ... | 08·0 | −2 | S | 1 | c | 66 | 62 | 8 | 5 | – | – | 6 | 6 | – | 30 | – | 0 | 1 |
| | Gorleston ... | 08·2 | −4 | SW | 2 | c | 65 | 62 | 7 | 5 | – | – | 7 | 7 | – | 20 | – | 0 | 2 |
| | Mildenhall | 07·0 | −2 | S | 3 | c | 65 | 58 | 8 | 5 | 4 | – | 6 | 3 | 5 | 25 | 72 | 0 | * |
| | Bircham Newton | 07·1 | +2 | SSW | 4 | c-bc | 65 | 58 | 7 | 5 | 3 | – | 5 | 2 | 5 | 60 | – | 0 | * |
| | Cranwell ... | 05·4 | +4 | SW | 2 | ir. | 65 | 62 | 7 | 5 | 7 | – | 8 | 4 | 4 | 10 | 25 | 0 | * |
| 3 | Cranfield ... | 06·7 | −6 | S | 2 | c-bc | 64 | 59 | 7 | 5 | 5 | – | 5 | 4 | 5 | 40 | – | 0 | * |
| | Honiley ... | 04·7 | −2 | SSE | 2 | r.r. | 62 | 62 | 5 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | * |
| 4 | Little Rissington | 04·9 | −6 | S'W | 4 | r.r. | 61 | 61 | 6 | 5 | – | – | 8 | 8 | – | 6 | – | 0 | * |
| | Shobden ... | 05·1 | −4 | ENE | 1 | c | 59 | 59 | 8 | 5 | 7 | – | 7 | 3 | 4 | 18 | 25 | 1 | * |
| 5 | Bristol ... | 03·9 | −14 | – | 0 | rr | 63 | 62 | 5 | – | 2 | – | 8 | 5 | 8 | 8 | 15 | 1 | * |
| | Chivenor ... | 03·7 | −8 | – | 0 | c/d | 62 | 59 | 7 | 5 | – | – | 8 | 2 | 6 | 8 | 15 | 1 | * |
| | Yeovilton | 04·3 | −10 | S | 3 | r.r. | 65 | 64 | 6 | 5 | – | – | 8 | 5 | 8 | 6 | 8 | 1 | * |
| | Portland Bill | 06·4 | −6 | S | 4 | o | 63 | 61 | 7 | 5 | – | – | 8 | 8 | – | 50 | – | 1 | 3 |
| | Exeter ... | 03·2 | −22 | SSE | 3 | i.d. | 63 | 63 | 5 | 5 | – | – | 8 | 8 | – | 5 | – | 1 | * |
| | Plymouth ... | 03·4 | −8 | – | 0 | ir. | 62 | 62 | 6 | 5 | – | – | 7 | 7 | – | 6 | – | 1 | 2 |
| | St. Eval ... | 04·0 | −6 | NNE | 1 | /r | 60 | 60 | 5 | 5 | – | – | 8 | 4 | 8 | – | 25 | 1 | * |
| | The Lizard | 03·6 | −6 | NW | 3 | z. | 61 | 58 | 7 | 5 | – | – | 7 | 7 | – | 8 | – | 1 | 4 |
| | Scilly, St. Marys | 03·9 | −6 | NW'W | 1 | c j.p | 59 | 59 | 8 | 8 | 7 | – | 6 | 4 | 4 | 12 | 57 | 1 | 2 |
| 6 | Fairwood ... | 04·7 | −4 | – | 0 | d.f | 59 | 59 | 3 | 5 | 7 | – | 7 | 3 | 5 | 2 | 15 | 1 | * |
| | Pembroke ... | 04·2 | 0 | – | 0 | m.jf | 59 | 59 | 4 | 8 | 5 | – | 5 | 4 | – | 19 | – | 1 | 2 |
| | Aberporth ... | 04·2 | −6 | S'W | 1 | c | 59 | 58 | 7 | 5 | – | 5 | 7 | 4 | 4 | 12 | – | 1 | * |
| 7 | Penrhos ... | 04·4 | +2 | N | 1 | m | 60 | 59 | 8 | 5 | – | – | 7 | 5 | – | 4 | 25 | 1 | 1 |
| | Holyhead, Valley | 04·7 | +2 | E'S | 1 | F | 58 | 58 | 0 | 5 | – | – | 8 | 8 | – | 0 | – | 1 | 3 |
| | Hawarden | 04·5 | +2 | S | 2 | z. | 57 | 57 | 6 | 5 | – | 2 | 5 | 4 | 4 | 25 | – | 1 | * |
| 8 | Manchester | 04·9 | +6 | S'E | 2 | c | 59 | 59 | 5 | 5 | 3 | 3 | 6 | 4 | 2 | 50 | – | 1 | * |
| | Squires Gate | 04·5 | +6 | WNW | 1 | c | 60 | 58 | 7 | 5 | – | – | 8 | 5 | 6 | 15 | 25 | 1 | * |
| | Silloth ... | 04·7 | +10 | SSE | 1 | c-bc | 56 | 54 | 7 | 5 | – | – | 5 | 4 | 3 | 28 | – | 1 | * |
| 9 | Ashbourne ... | 05·2 | +4 | SSW | 1 | c-bc/r | 59 | 59 | 6 | 5 | 7 | 2 | 5 | 4 | 3 | 10 | – | 1 | * |
| | Snaith ... | 04·9 | +2 | WSW | 1 | c/d | 62 | 59 | 6 | 5 | 7 | – | 7 | 4 | 5 | 10 | 40 | 1 | * |
| 10 | Spurn Head | 05·6 | 0 | S'W | 4 | c | 64 | 61 | 7 | 7 | – | – | 7 | 3 | – | 25 | – | 0 | 4 |
| | Catterick (Sc.) | 04·1 | +4 | – | 0 | c-bc f.g | 59 | 58 | 7 | 5 | 7 | – | 5 | 4 | 4 | 18 | – | 1 | * |
| | Tynemouth | 04·5 | +4 | SSW | 2 | z. | 60 | 59 | 5 | 2 | 3 | 1 | 4 | 3 | 3 | 27 | – | 1 | 2 |
| | Acklington | 03·8 | +10 | SW | 2 | c-bc f.g | 57 | 56 | 7 | 5 | 7 | 8 | 5 | 2 | 3 | 20 | – | 0 | * |
| 11 | St. Abb's Head | 03·3 | +14 | WNW | 2 | bc | 58 | 52 | 8 | 4 | – | 5 | 4 | 3 | 2 | 25 | – | 1 | 2 |
| | Leuchars ... | 03·1 | +14 | – | 0 | z. | 56 | 55 | 6 | 5 | 7 | – | 6 | 4 | 6 | 35 | – | 1 | * |
| | Montrose ... | 04·3 | +14 | N | 2 | ir. | 55 | 53 | 9 | 5 | 7 | – | 7 | 4 | 5 | 15 | 40 | 1 | * |
| 12 | Abbotsinch | 04·4 | +14 | – | 0 | b-bc | 52 | 52 | 8 | 5 | 4 | – | 3 | 3 | 2 | 18 | – | 1 | * |
| | Prestwick ... | 04·2 | +12 | NNW | 1 | z. | 57 | 55 | 5 | 5 | – | – | 4 | 2 | 4 | 15 | 57 | 1 | * |
| | West Freugh | 04·2 | +8 | NW | 1 | c | 53 | 54 | 8 | 5 | – | – | 7 | 7 | – | 8 | – | 0 | * |
| | Eskdalemuir | 04·1 | +8 | – | 0 | z. | 53 | 52 | 6 | 5 | – | – | 8 | 8 | – | 9 | – | 1 | * |
| | Jurby, I. of Man | 04·8 | +10 | – | 0 | c | 57 | 52 | 8 | 5 | 4 | – | 7 | 6 | 5 | 12 | 15 | 1 | * |
| 13A | Machrihanish | 04·3 | +16 | – | 0 | bc | 57 | 55 | 8 | 8 | 2 | – | 4 | 3 | 4 | 8 | 15 | 1 | 1 |
| | Tiree ... | 04·5 | +12 | NW | 2 | c/pr | 55 | 55 | 8 | 8 | – | – | 7 | 2 | 7 | 15 | 25 | 1 | 1 |
| | Oban ... | 04·3 | +12 | SSW | 1 | c | 56 | 55 | 8 | 5 | – | – | 7 | 2 | 5 | 4 | 15 | 0 | 1 |
| 13B | Stornoway ... | 04·9 | +20 | N | 3 | c-bc | 51 | 49 | 8 | 8 | 3 | 8 | 5 | 4 | 4 | 20 | 25 | 1 | 2 |
| | Cape Wrath | 04·9 | +22 | NW | 3 | c-bc | 51 | 50 | 9 | 8 | 7 | – | 5 | 4 | – | 25 | – | 1 | 3 |
| 15 | Dalwhinnie | 04·5 | +10 | SSW | 1 | c | 47 | 46 | 8 | 5 | – | – | 6 | 6 | – | 22 | – | 1 | * |
| | Aberdeen† ... | 03·6 | +14 | NW | 1 | c/r | 55 | 53 | 6 | 5 | 7 | – | 7 | 3 | 7 | 25 | 57 | 1 | 2 |
| | Fraserburgh | 03·6 | +18 | NW | 3 | ir. | 55 | 55 | 7 | 5 | 3 | – | 7 | 6 | 1 | 6 | – | 0 | * |
| | Alness ... | 04·3 | +22 | N | 3 | c/d | 53 | 51 | 7 | 5 | 3 | 1 | 7 | 3 | 5 | 6 | 25 | 1 | * |
| | Wick ... | 04·3 | +18 | NW | 3 | c | 51 | 49 | 9 | 5 | – | – | 7 | 4 | 7 | 22 | 57 | 0 | * |
| 16 | Hatston ... | 04·0 | +24 | WNW | 1 | c-bc | 53 | 49 | 8 | 5 | 3 | 2 | 5 | 3 | 4 | 20 | 40 | * | * |
| | Sumburgh ... | 02·6 | +14 | W'N | 1 | c | 52 | 50 | 8 | 5 | 3 | – | 8 | 1 | 4 | 12 | 40 | 0 | 3 |
| | Sullom Voe | 03·1 | +18 | NW | 2 | c | 51 | 49 | 8 | 5 | – | – | 6 | 5 | 6 | 16 | 40 | 0 | * |
| 17 | Blacksod Point | 03·5 | +4 | NNE | 1 | c-bc/pr | 56 | 55 | 8 | 5 | – | – | 5 | 5 | – | 15 | – | 0 | 2 |
| 18 | Malin Head | 03·8 | +14 | S'E | 1 | bc | 55 | 53 | 8 | 5 | – | – | 4 | 4 | – | 8 | – | 1 | 2 |
| | Aldergrove | 04·5 | +6 | – | 0 | m/f | 52 | 52 | 4 | 5 | – | – | 5 | 2 | 5 | 25 | 25 | 1 | * |
| | Cas. Archdale | 04·9 | +4 | SSE | 1 | bc | 50 | 50 | 6 | 5 | 4 | 4 | 4 | 3 | 2 | 25 | – | 1 | * |
| 19 | Birr Castle ... | 04·4 | +8 | N | 1 | f | 53 | 52 | 3 | – | – | – | 0 | 0 | – | 0 | – | 1 | * |
| | Collinstown | 05·1 | +6 | W | 2 | c-bc f.g | 52 | 51 | 9 | 7 | 9 | – | 5 | 4 | – | 33 | – | 1 | * |
| 20 | Foynes ... | 04·5 | +2 | – | 0 | b-bc | 49 | 48 | 8 | 8 | 3 | 4 | 5 | 3 | – | 24 | – | 0 | * |
| | Valentia ... | 04·8 | +2 | ENE | 1 | b-bc | 60 | 55 | 8 | 3 | – | 3 | 3 | 3 | – | 21 | – | 1 | 1 |
| | Roches Point | 04·0 | −2 | N'W | 2 | bc | 55 | 54 | 8 | 2 | 3 | – | 4 | 2 | – | 25 | – | 1 | 3 |

## PAST 24 HOURS.

| District | Stations | Temperature Max. Day 6h-18h °F. (35) | Temperature Min. Night 18h-6h °F. (36) | Temperature Min. on Grass °F. (37) | Rainfall Day 6h-18h mm. (38) | Rainfall Night 18h-6h mm. (39) | Sunshine 18h Hrs. (40) |
|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 75 | 62 | 52 | – | – | 8·7 |
| | Croydon ... | 73 | 61 | 56 | – | – | 10·9 |
| | Boscombe Down | 75 | 62 | 59 | Tr | 0·1 | 0·7 |
| | Thorney Island | 72 | 65 | 61 | – | Tr | * |
| | Friston ... | | | | | | |
| | Lympne ... | 74 | 60 | * | – | – | 11·4 |
| | Manston ... | 78 | 61 | 58 | – | – | 12·2 |
| 2 | North Weald | 73 | 60 | * | * | * | * |
| | Felixstowe ... | 76 | 64 | 60 | – | – | 10·6 |
| | Gorleston ... | 77 | 63 | 56 | – | – | |
| | Mildenhall | 80 | 64 | 58 | – | Tr | 10·4 |
| | Bircham Newton | 80 | 62 | 58 | – | – | * |
| | Cranwell ... | 78 | 64 | 56 | – | Tr | 6·1 |
| 3 | Cranfield ... | 74 | 63 | * | – | Tr | * |
| | Honiley ... | 73 | 62 | 61 | Tr | 2 | * |
| 4 | Little Rissington | – | 61 | 60 | Tr | Tr | * |
| | Shobden ... | 71 | 58 | 52 | 2 | 5 | * |
| 5 | Bristol ... | 70 | 63 | 62 | Tr | 9 | 0·3 |
| | Chivenor ... | 73 | 61 | 60 | – | 15 | * |
| | Yeovilton | 70 | 62 | 61 | 0·5 | 5 | * |
| | Portland Bill | 65 | 60 | * | – | 0·4 | * |
| | Exeter ... | 68 | 62 | 53 | 1 | 12 | 12·6 |
| | Plymouth ... | 65 | 62 | 61 | Tr | 16 | 0·0 |
| | St. Eval ... | 69 | 59 | 57 | – | 14 | * |
| | The Lizard | 67 | 60 | * | Tr | 12 | 0·0 |
| | Scilly, St. Marys | 68 | 58 | * | 14 | 2 | 0·9 |
| 6 | Fairwood ... | – | 59 | 54 | Tr | 10 | * |
| | Pembroke ... | 65 | 57 | * | 21 | 3 | 0·0 |
| | Aberporth ... | 69 | 57 | 51 | 2 | 12 | 0·1 |
| 7 | Penrhos ... | 66 | 59 | 58 | 3 | 3 | * |
| | Holyhead, Valley | 64 | 57 | 54 | 11 | 0·3 | * |
| | Hawarden | 75 | 57 | 52 | 1 | 6 | 0·0 |
| 8 | Manchester | 76 | 59 | 54 | Tr | 26 | * |
| | Squires Gate | 70 | 59 | 58 | 3 | 0·4 | * |
| | Silloth ... | 64 | 56 | 50 | 11 | 3 | * |
| 9 | Ashbourne ... | 72 | 59 | 55 | Tr | 6 | * |
| | Snaith ... | 77 | 61 | 59 | – | 5 | * |
| 10 | Spurn Head | 76 | 63 | * | – | – | 8·0 |
| | Catterick (Sc.) | 75 | 56 | 50 | 0·5 | 4 | 0·5 |
| | Tynemouth | 73 | 59 | 57 | 1 | 6 | * |
| | Acklington | 71 | 56 | 53 | 1 | 3 | * |
| 11 | St. Abb's Head | 69 | 57 | * | – | 2 | * |
| | Leuchars ... | 72 | 55 | 46 | – | Tr | 3·4 |
| | Montrose ... | 72 | 54 | 45 | 7 | 0·6 | * |
| 12 | Abbotsinch | 66 | 52 | 47 | 0·3 | Tr | 0·4 |
| | Prestwick ... | 67 | 57 | 56 | 0·5 | 0·3 | * |
| | West Freugh | 66 | 49 | 46 | 3 | – | * |
| | Eskdalemuir | 64 | 50 | 44 | 4 | 3 | 0·1 |
| | Jurby, I. of Man | 67 | 53 | 49 | 5 | 0·2 | * |
| 13A | Machrihanish | 65 | 57 | 55 | 0·3 | 0·6 | * |
| | Tiree ... | 65 | 54 | 52 | 0·6 | 0·2 | 4·9 |
| | Oban ... | 65 | 55 | * | – | * | * |
| 13B | Stornoway ... | 63 | 44 | 34 | 4 | 5 | 2·3 |
| | Cape Wrath | 62 | 49 | * | 5 | 5 | * |
| 15 | Dalwhinnie | 63 | 45 | 37 | Tr | – | 2·6 |
| | Aberdeen† ... | 70 | 53 | 47 | Tr | 1 | 1·5 |
| | Fraserburgh | 71 | 51 | 48 | – | 0·1 | * |
| | Alness ... | 67 | 51 | 42 | – | 1 | * |
| | Wick ... | 66 | 51 | 43 | – | Tr | * |
| 16 | Hatston ... | * | * | * | * | * | * |
| | Sumburgh ... | 62 | 50 | 49 | – | 0·5 | 4·4 |
| | Sullom Voe | 65 | 48 | 45 | Tr | 0·5 | * |
| 17 | Blacksod Point | 64 | 55 | * | 5 | 1 | * |
| 18 | Malin Head | 64 | 53 | * | 1 | 0·5 | 3·8 |
| | Aldergrove | 66 | 47 | 43 | 0·3 | 2 | 0·4 |
| | Cas. Archdale | 66 | 49 | 44 | 2 | – | * |
| 19 | Birr Castle ... | 68 | 48 | 43 | 2 | – | 2·2 |
| | Collinstown | 67 | 50 | 48 | 15 | Tr | 0·1 |
| 20 | Foynes ... | 69 | 48 | 44 | Tr | – | 5·5 |
| | Valentia ... | 68 | 53 | 47 | Tr | Tr | 8·1 |
| | Roches Point | 66 | 54 | * | 3 | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = 1/10; 2 = 2/10; 3 = 3/10; 4 = 4/10; 5 = 5/10; 6 = 6/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.; t = Trace

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Sunday 20th August, 1944

No. 30222

## OBSERVATIONS at 12h. G.M.T. 19th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F (6) | Dew Point °F (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Low A. 0-9 (13) | Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 04.7 | -14 | S | 3 | c | 72 | 61 | 8 | 8 | 7 | 8 | 7 | 2 | 5 | 25 | 40 |
| | Croydon | 05.5 | -10 | S | 3 | c | 74 | 62 | 8 | 1 | 7 | - | 7 | 4 | 7 | 40 | - |
| | Boscombe Down | 05.1 | -4 | S | 3 | roro | 64 | 62 | 6 | 6 | - | - | 8 | 7 | 8 | 3 | 15 |
| | Thorney Island | 06.7 | 0 | S | 3 | roro | 65 | 65 | 7 | 5 | - | - | 8 | 5 | 8 | 10 | 15 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 07.0 | -6 | S'E | 3 | bc | 74 | 59 | 8 | - | 3 | 2 | 4 | 4 | 4 | 78 | - |
| | Manston | 06.3 | -6 | SSE | 3 | c | 73 | 60 | 7 | - | 7 | 9 | 6 | 5 | 4 | - | - |
| 2 | North Weald | 06.0 | -10 | S | 3 | 2o | 74 | 57 | 6 | 2 | 7 | - | 7 | 5 | 7 | 30 | - |
| | Felixstowe | 06.6 | -6 | SE | 3 | bc | 72 | 63 | 7 | 5 | 3 | 1 | 5 | 2 | 5 | 60 | - |
| | Gorleston | 06.7 | -10 | S | 3 | c | 66 | 61 | 7 | 5 | 3 | - | 5 | 4 | 3 | 25 | - |
| | Mildenhall | 05.2 | -8 | S'W | 2 | c | 75 | 62 | 7 | 5 | 7 | - | 7 | 2 | 4 | 30 | 57 |
| | Bircham Newton | 06.0 | -6 | WSW | 1 | c/r | 69 | 64 | 8 | 5 | 7 | - | 8 | 2 | 3 | 25 | 57 |
| | Cranwell | 05.1 | -6 | SE | 3 | roro | 65 | 65 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 25 |
| 3 | Cranfield | 05.4 | +8 | E'S | 1 | roro | 65 | 63 | 4 | - | 2 | - | 8 | 8 | · | 10 | - |
| | Honiley | 03.2 | -14 | S | 3 | iro | 64 | 63 | 8 | 5 | 7 | - | 8 | 5 | 7 | 5 | 25 |
| 4 | Little Rissington | 03.4 | -8 | NE'E | 4 | roro | 63 | 63 | 4 | 5 | - | - | 8 | 8 | - | 1 | - |
| | Shobden | 03.3 | -10 | WNW | 2 | roro | 61 | 60 | 6 | 6 | 2 | - | 8 | 5 | 8 | 5 | - |
| 5 | Bristol | 02.8 | -10 | SW'S | 4 | c | 69 | 62 | 8 | 2 | 7 | - | 7 | 5 | 7 | 12 | - |
| | Chivenor | 03.2 | +2 | NW'N | 2 | c | 66 | 59 | 8 | 8 | 7 | - | 6 | 2 | 9 | 10 | 25 |
| | Yeovilton | 03.6 | -2 | S'W | 3 | c | 65 | 63 | 7 | 5 | - | 1 | 8 | 3 | 8 | 4 | 8 |
| | Portland Bill | 05.8 | +20 | S | 4 | o | 63 | 61 | 7 | 5 | - | 2 | 8 | 8 | - | 45 | - |
| | Exeter | 03.7 | 0 | NW | 3 | c/d | 68 | 63 | 8 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Plymouth | 03.8 | +2 | WNW | 3 | c/pr | 66 | 64 | 8 | 8 | 7 | - | 7 | 4 | 3 | 15 | 25 |
| | St. Eval | 04.6 | +2 | NWW | 3 | c | 65 | 66 | 9 | 8 | - | 6 | 6 | 1 | 5 | 6 | 8 |
| | The Lizard | 04.0 | 0 | W | 2 | bc | 68 | 63 | 8 | 2 | 6 | - | 4 | 3 | 3 | 25 | 57 |
| | Scilly, St. Marys | 05.1 | +2 | W'N | 1 | bc | 69 | 60 | 8 | 8 | 4 | - | 4 | 3 | 2 | 16 | 57 |
| 6 | Fairwood | 03.3 | -12 | WNW | 3 | propr | 66 | 61 | 8 | 7 | 7 | - | 7 | 4 | 6 | 8 | 25 |
| | Pembroke | 04.3 | 0 | WNW | 2 | bc | 66 | 61 | 8 | 2 | 7 | 5 | 4 | 3 | 3 | 25 | - |
| | Aberporth | 04.6 | +2 | NNW | 3 | 2o | 62 | 60 | 6 | 5 | - | - | 7 | 7 | - | 1 | - |
| 7 | Penrhos | 04.2 | -2 | NW | 3 | 2o | 65 | 61 | 6 | 5 | 8 | 9 | 7 | 4 | 3 | - | 40 |
| | Holyhead, Valley | 05.4 | +2 | NE | 2 | c | 65 | 59 | 8 | 8 | 7 | - | 6 | 1 | 4 | - | 15 |
| | Hawarden | 04.3 | -6 | N | 2 | c/pr | 65 | 59 | 5 | 8 | 6 | - | 8 | 6 | 8 | 20 | - |
| 8 | Manchester | 04.7 | -6 | - | 0 | iR | 63 | 61 | 4 | 6 | 2 | - | 8 | 4 | 8 | 10 | 40 |
| | Squires Gate | 04.7 | -6 | NNW | 3 | 2o | 65 | 59 | 6 | 8 | 7 | - | 6 | 5 | 5 | 15 | 25 |
| | Silloth | 05.4 | -2 | N | 1 | c | 66 | 56 | 9 | 2 | - | 6 | 6 | 4 | 4 | 25 | - |
| 9 | Ashbourne | 04.3 | -14 | NE | 2 | roro | 61 | 60 | 4 | 6 | - | - | 8 | 8 | - | 4 | - |
| | Snaith | 05.2 | -6 | ESE | 2 | roro | 64 | 62 | 6 | 5 | 2 | - | 8 | 5 | 8 | 15 | 25 |
| 10 | Spurn Head | 05.7 | -2 | - | 0 | rr | 65 | 64 | 6 | 5 | - | - | 8 | 8 | - | - | - |
| | Catterick (Sc.) | 05.1 | 0 | - | 0 | c | 67 | 59 | 7 | 7 | 7 | - | 7 | 5 | 6 | 25 | 40 |
| | Tynemouth | 06.8 | +8 | NNE | 2 | c | 61 | 57 | 7 | 8 | - | - | 5 | 5 | - | 26 | - |
| | Acklington | 05.4 | +10 | NE | 3 | c | 63 | 57 | 7 | 1 | 7 | - | 7 | 3 | 7 | 25 | - |
| 11 | St. Abb's Head | 06.2 | +12 | N | 2 | c | 58 | 53 | 6 | 5 | - | - | 6 | 3 | 4 | 15 | 40 |
| | Leuchars | 06.6 | +16 | ESE | 3 | c | 62 | 56 | 8 | 8 | 6 | - | 6 | 3 | 5 | 16 | 25 |
| | Montrose | 07.1 | +16 | NE | 5 | c | 57 | 55 | 8 | 8 | 7 | 2 | 7 | 3 | 3 | 12 | 40 |
| 12 | Abbotsinch | 06.0 | +4 | - | 0 | c | 67 | 53 | 8 | 2 | 7 | 2 | 5 | 4 | 3 | 25 | - |
| | Prestwick | 06.0 | +12 | W | 3 | bc | 65 | 55 | 8 | 2 | 7 | 2 | 4 | 3 | 4 | 20 | - |
| | West Freugh | 05.4 | +2 | NNW | 4 | c | 65 | 54 | 9 | 8 | 7 | 2 | 6 | 3 | 6 | 30 | - |
| | Eskdalemuir | 04.6 | +4 | - | 0 | c | 66 | 53 | 8 | 8 | - | - | 6 | 6 | - | 25 | - |
| | Jurby, I. of Man | 05.7 | +2 | NNW | 2 | c | 61 | 56 | 8 | 1 | - | 6 | 5 | 5 | 5 | 25 | - |
| 13A | Machrihanish | 06.1 | +4 | NW | 2 | bc | 61 | 56 | 8 | 2 | 7 | 5 | 4 | 3 | 3 | 2 | 40 |
| | Tiree | 08.4 | +10 | NE | 3 | c | 61 | 53 | 9 | 8 | 4 | - | 5 | 4 | 5 | 20 | 40 |
| | Oban | 06.5 | +6 | W | 1 | bc | 67 | 60 | 9 | 2 | 3 | 1 | 4 | 1 | 4 | 20 | 40 |
| 13B | Stornoway | 08.9 | +16 | N | 4 | c/pr | 55 | 45 | 8 | 8 | - | - | 7 | 3 | 7 | 16 | 25 |
| | Cape Wrath | 08.5 | +2 | N | 4 | bcjp | 52 | 52 | 9 | 8 | 7 | - | 6 | - | 0 | - | - |
| 15 | Dalwhinnie | 08.0 | +8 | N | 3 | c | 56 | 51 | 7 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Aberdeen | 07.3 | +12 | N·E | 2 | c | 58 | 53 | 8 | 5 | - | - | 8 | 2 | 8 | - | 25 |
| | Fraserburgh | 08.0 | +22 | N·E | 3 | c | 58 | 51 | 8 | 5 | 3 | 1 | 6 | 3 | 5 | 10 | 25 |
| | Alness | 08.2 | +18 | NNE | 2 | ido | 56 | 51 | 7 | 5 | 2 | - | 8 | 5 | 8 | 20 | - |
| | Wick | 07.9 | +16 | N | 2 | c | 58 | 47 | 9 | 8 | 7 | - | 7 | 1 | 5 | 15 | 40 |
| 16 | Hatston | 08.2 | +16 | NNE | 3 | c | 57 | 48 | 9 | 8 | 7 | - | 5 | 4 | 4 | 25 | - |
| | Sumburgh | 07.8 | +24 | NNW | 3 | c | 55 | 42 | 9 | 7 | - | - | 6 | 3 | 6 | 20 | 57 |
| | Sullom Voe | 07.9 | +26 | NNW | 3 | c | 54 | 44 | 8 | 2 | - | - | 7 | 7 | - | 25 | - |
| 17 | Blacksod Point | 05.5 | +4 | NE | 3 | c | 61 | 59 | 7 | 6 | - | - | 8 | 8 | - | 15 | - |
| 18 | Malin Head | 05.9 | +12 | NE | 1 | bc | 61 | 56 | 8 | 4 | 4 | - | 4 | 3 | - | 15 | - |
| | Aldergrove | 05.6 | +2 | - | 0 | bc | 66 | 52 | 9 | 2 | 6 | - | 4 | 4 | 2 | 25 | - |
| | Cas. Archdale | 05.9 | 0 | - | 0 | c | 64 | 57 | 9 | 8 | 6 | - | 5 | 4 | 4 | 20 | 40 |
| 19 | Birr Castle | 04.9 | -2 | N | 1 | bc | 70 | 58 | 8 | 4 | - | - | 4 | 4 | - | 25 | - |
| | Collinstown | 05.9 | +2 | NE'E | 3 | c | 64 | 55 | 8 | 2 | 3 | 4 | 5 | 3 | - | 25 | - |
| 20 | Foynes | 05.2 | +2 | NE'N | 3 | bc | 64 | 55 | 8 | 3 | 6 | 3 | 4 | 4 | - | 15 | - |
| | Valentia | 05.3 | +6 | S'W | 1 | c-bc/pr | 62 | 57 | 8 | 3 | 6 | 3 | 5 | 4 | - | 25 | - |
| | Roches Point | 04.9 | 0 | SSW | 1 | bc | 65 | 60 | 8 | 2 | - | 5 | 4 | 3 | - | 25 | - |

## OBSERVATIONS at 18h. G.M.T. 19th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A 0-9 (29) | Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 05.5 | +2 | SSW | 3 | c | 67 | 62 | 8 | 5 | 7 | 8 | 7 | 4 | 4 | 12 | 15 | 1 | * |
| Croydon | 05.6 | 0 | S'E | 3 | c | 66 | 62 | 8 | 5 | 7 | - | 7 | 3 | 7 | 10 | - | 1 | * |
| Boscombe Down | 05.4 | +2 | S'W | 3 | c | 65 | 62 | 7 | 5 | - | 6 | 6 | 4 | 4 | 10 | - | 1 | * |
| Thorney Island | 06.2 | +2 | SSW | 3 | c | 64 | 63 | 7 | 5 | - | - | 7 | 5 | 7 | 9 | 15 | 1 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 07.1 | +4 | SSW | 2 | iro | 64 | 63 | 7 | 5 | 7 | - | 4 | 4 | 7 | 18 | - | 1 | § * |
| Manston | 06.5 | +2 | SSW | 3 | ir | 72 | 58 | 6 | 5 | 7 | - | 8 | 4 | 8 | 30 | - | 1 | * |
| North Weald | 06.0 | 0 | S'W | 3 | c/r | 65 | 62 | 6 | 3 | 7 | 2 | 7 | 2 | 4 | 12 | - | 1 | * |
| Felixstowe | 06.3 | -2 | SSW | 4 | iro | 72 | 63 | 7 | 5 | 7 | - | 8 | 6 | 8 | 50 | - | 0 | 3 |
| Gorleston | 05.3 | -4 | SW | 2 | c | 72 | 63 | 7 | 5 | - | - | 8 | 8 | - | 16 | - | 0 | 2 |
| Mildenhall | 05.2 | +6 | S'W | 3 | c/r | 68 | 65 | 7 | 5 | 7 | - | 7 | 5 | 7 | 20 | - | 1 | * |
| Bircham Newton | 05.0 | +2 | SSW | 4 | roro | 66 | 65 | 6 | 5 | 7 | - | 8 | 3 | 4 | 6 | 15 | 1 | * |
| Cranwell | 03.7 | 0 | S'W | 3 | c | 66 | 64 | 7 | 7 | 7 | - | 7 | 4 | 8 | 15 | 25 | 1 | * |
| Cranfield | 04.8 | -2 | S | 4 | c | 65 | 63 | 8 | 6 | 7 | - | 7 | 4 | 5 | 15 | - | 1 | * |
| Honiley | 03.3 | +6 | N | 3 | m | 64 | 61 | 4 | 8 | - | - | 8 | 5 | 8 | 10 | 25 | 1 | * |
| Little Rissington | 03.5 | +2 | SSW | 3 | pr | 65 | 62 | 8 | 3 | - | 3 | 7 | 4 | 5 | 10 | 25 | 1 | * |
| Shobden | 04.7 | -14 | NNW | 2 | c/pr | 64 | 59 | 7 | 8 | 7 | - | 6 | 4 | 4 | 25 | 40 | 2 | * |
| Bristol | 04.3 | +10 | W | 3 | c | 68 | 61 | 8 | 2 | - | 2 | 8 | 1 | 8 | 25 | - | 1 | * |
| Chivenor | 05.5 | +10 | WNW | 3 | bc | 67 | 59 | 8 | 2 | - | 1 | 4 | 4 | 2 | 20 | - | 0 | * |
| Yeovilton | 04.4 | +8 | NNW | 2 | pr | 67 | 64 | 7 | 8 | 6 | - | 7 | 4 | 6 | 12 | 25 | 1 | * |
| Portland Bill | 06.2 | +2 | WSW | 4 | c | 62 | 60 | 8 | 5 | - | - | 8 | 8 | - | 50 | - | 1 | 4 |
| Exeter | 04.8 | +8 | WNW | 3 | c | 67 | 61 | 8 | 7 | - | - | 7 | 6 | 3 | 25 | 40 | 0 | * |
| Plymouth | 05.4 | +6 | W | 3 | c-bc | 67 | 59 | 8 | 2 | 3 | 2 | 5 | 3 | 2 | 20 | - | 1 | 2 |
| St. Eval | 05.9 | -2 | WNW | 2 | bc | 64 | 57 | 9 | 2 | - | 4 | 4 | 4 | 4 | 10 | 40 | 0 | * |
| The Lizard | 05.5 | +4 | W | 3 | c-bc | 66 | 61 | 8 | 2 | 6 | - | 5 | 4 | 3 | 25 | 57 | 0 | 3 |
| Scilly, St. Marys | 06.0 | +4 | SW | 1 | bc | 67 | 59 | 8 | 8 | 4 | 5 | 4 | 3 | 2 | 22 | 57 | 0 | 2 |
| Fairwood | 04.2 | -4 | WNW | 3 | b-bc | 66 | 60 | 8 | 8 | - | 1 | 3 | 2 | 2 | 20 | 40 | 1 | * |
| Pembroke | 05.1 | +6 | NW'W | 1 | b-bc | 62 | 58 | 8 | 2 | 4 | - | 3 | 3 | 2 | 25 | - | 1 | 2 |
| Aberporth | 04.9 | +2 | W | 3 | b-bc | 62 | 58 | 7 | 8 | 6 | - | 3 | 2 | 1 | 20 | 40 | 0 | 2 |
| Penrhos | 04.9 | +10 | N | 4 | b | 66 | 53 | 9 | 2 | 3 | - | 2 | 1 | 1 | 30 | - | 0 | 3 |
| Holyhead, Valley | 05.7 | +6 | NNW | 3 | b-bc | 65 | 57 | 8 | 2 | 6 | 9 | 3 | 2 | 2 | 20 | - | 0 | 2 |
| Hawarden | 04.9 | +10 | WNW | 4 | c | 63 | 60 | 7 | 8 | - | - | 7 | 2 | 7 | 12 | 40 | 1 | * |
| Manchester | 04.6 | +6 | N'E | 2 | c | 63 | 60 | 5 | 5 | 3 | 1 | 6 | 4 | 3 | 20 | - | 1 | * |
| Squires Gate | 02.6 | +2 | NNE | 1 | c | 66 | 61 | 6 | 8 | 7 | - | 7 | 4 | 4 | 20 | - | 1 | * |
| Silloth | 05.5 | 0 | NNE | 4 | b-bc | 62 | 60 | 7 | 2 | 6 | - | 3 | 3 | 2 | 30 | - | 0 | * |
| Ashbourne | 04.2 | +10 | N | 2 | iro | 59 | 58 | 6 | 6 | - | - | 7 | 4 | 7 | 10 | 15 | 1 | * |
| Snaith | 04.4 | +8 | N'E | 3 | iro | 60 | 58 | 7 | 6 | 2 | - | 7 | 4 | 7 | 5 | 15 | 1 | * |
| Spurn Head | 03.8 | 0 | SE | 3 | 2o | 63 | 62 | 6 | 5 | 2 | - | 8 | 5 | 3 | 20 | 57 | 1 | 1 |
| Catterick (Sc.) | 05.1 | +2 | N | 3 | c/r | 59 | 59 | 6 | 6 | 2 | - | 8 | 5 | 8 | 6 | 25 | 1 | * |
| Tynemouth | 06.9 | -4 | N | 4 | o/r | 56 | 55 | 7 | - | 2 | - | 8 | 8 | - | 20 | - | 1 | * |
| Acklington | 06.4 | +6 | NNE | 4 | 2o | 57 | 56 | 5 | 5 | - | - | 8 | 8 | - | 3 | - | 0 | * |
| St. Abb's Head | 07.7 | +12 | N | 4 | o | 54 | 53 | 8 | 5 | - | - | 8 | 8 | - | 15 | - | 0 | |
| Leuchars | 08.7 | +14 | NE | 3 | c | 56 | 50 | 8 | 5 | 7 | - | 7 | 4 | 5 | 20 | 40 | 1 | * |
| Montrose | 10.2 | +24 | NNE | 3 | c | 56 | 51 | 8 | 5 | 7 | - | 8 | 3 | 8 | 18 | - | 0 | * |
| Abbotsinch | 07.8 | +22 | ENE | 4 | c | 59 | 53 | 7 | 5 | 7 | - | 7 | 4 | 5 | 15 | 25 | 1 | * |
| Prestwick | 06.3 | +2 | E'N | 3 | c-bc | 66 | 55 | 8 | 2 | - | 2 | 5 | 2 | 5 | 18 | 40 | 0 | * |
| West Freugh | 06.0 | +6 | N | 4 | bc | 63 | 54 | 8 | 2 | 3 | 4 | 4 | 2 | 3 | 30 | 72 | 0 | * |
| Eskdalemuir | 06.6 | +10 | NE | 2 | c | 57 | 52 | 8 | 5 | - | - | 7 | 7 | - | 21 | - | 1 | * |
| Jurby, I. of Man | 05.9 | +2 | NW | 3 | b | 62 | 57 | 8 | 2 | 4 | - | 2 | 1 | 1 | 20 | - | 0 | * |
| Machrihanish | 06.9 | +6 | NW | 3 | b-bc | 61 | 58 | 8 | 2 | 7 | 6 | 3 | 3 | 3 | 25 | - | 0 | 1 |
| Tiree | 09.2 | +10 | N'E | 5 | bc | 58 | 49 | 9 | 8 | 3 | 8 | 4 | 2 | 3 | 30 | - | 0 | 4 |
| Oban | 08.5 | +16 | NNE | 4 | pr | 61 | 54 | 9 | 8 | 3 | 1 | 6 | 1 | 5 | 20 | 25 | 0 | 3 |
| Stornoway | 11.8 | +14 | NNE | 5 | bc | 54 | 44 | 9 | 2 | 4 | 9 | 4 | 4 | 3 | 35 | 72 | 0 | 4 |
| Cape Wrath | 12.1 | +12 | N | 3 | c | 52 | 52 | 9 | 8 | 7 | - | 6 | 4 | - | 25 | - | 0 | 3 |
| Dalwhinnie | 09.0 | +14 | NNE | 4 | pr | 51 | 48 | 7 | 5 | 2 | - | 8 | 5 | 8 | 20 | 72 | 1 | * |
| Aberdeen | 09.6 | +10 | NNE | 2 | c | 55 | 49 | 8 | 5 | 2 | - | 7 | 1 | 2 | 15 | 40 | 1 | 2 |
| Fraserburgh | 10.2 | +14 | NNE | 4 | c | 55 | 49 | 9 | 7 | 2 | - | 8 | 2 | 2 | 8 | 57 | 0 | * |
| Alness | 11.1 | +22 | ESE | 4 | pr | 55 | 50 | 8 | 8 | 7 | - | 8 | 5 | 8 | 20 | - | 1 | * |
| Wick | 11.8 | +32 | NE | 3 | bc | 54 | 45 | 9 | 5 | 7 | 5 | 4 | 2 | 4 | 20 | 40 | 0 | * |
| Hatston | 11.7 | +14 | NNE | 5 | bc | 54 | 45 | 9 | 5 | 3 | 8 | 4 | 4 | 4 | 30 | - | * | * |
| Sumburgh | 11.4 | +18 | NNE | 3 | pr | 54 | 45 | 9 | 7 | - | - | 6 | 4 | 6 | 20 | 25 | 1 | 2 |
| Sullom Voe | 12.0 | +22 | N | 3 | bc | 52 | 43 | 8 | 2 | - | 5 | 4 | 3 | 1 | 20 | - | 0 | * |
| Blacksod Point | 07.9 | +14 | NE'N | 5 | c | 62 | 57 | 8 | 8 | - | - | 7 | 7 | - | 15 | - | 1 | 4 |
| Malin Head | 07.8 | +12 | N | 3 | bc | 58 | 53 | 8 | 4 | 4 | - | 4 | 4 | - | 15 | - | 1 | 2 |
| Aldergrove | 06.7 | +6 | N | 3 | b-bc | 63 | 54 | 9 | 8 | - | 3 | 3 | 1 | 3 | 30 | 40 | 0 | * |
| Cas. Archdale | 07.9 | +16 | NNE | 4 | pr | 62 | 56 | 9 | 8 | 6 | - | 6 | 4 | 5 | 20 | 40 | 1 | * |
| Birr Castle | 05.5 | +8 | N | 2 | c-bc | 70 | 58 | 8 | 4 | - | - | 5 | 5 | - | 25 | - | 0 | * |
| Collinstown | 06.8 | +10 | ENE | 3 | l | 63 | 51 | 9 | 8 | 6 | 3 | 3 | 2 | - | 35 | - | 0 | * |
| Foynes | 06.7 | +12 | W'N | 1 | c-bc | 63 | 58 | 8 | 8 | 6 | 3 | 5 | 4 | - | 18 | - | 0 | * |
| Valentia | 06.8 | +10 | NEE | 2 | bc | 66 | 57 | 8 | 3 | 6 | 3 | 4 | 4 | - | 25 | - | 1 | 2 |
| Roches Point | 05.6 | +6 | WSW | 2 | bc | 65 | 63 | 8 | 3 | - | 3 | 4 | 3 | - | 15 | - | 1 | 3 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 19th (41) | 12h.–18h. 19th (42) | 18h. 19th to 00h. 20th (43) | 00h.–06h. 20th (44) |
|---|---|---|---|---|
| Kew | cirom₀c | crorbc | cbcw | cwrrom₀ |
| Croydon | ciroc | crorom₀c | bbcc | cmorr |
| Boscombe Down | crorom₀R | crorom₀c | cm₀bcm₀ | bm₀crrf |
| Thorney Island | ccroro | croroc | cm₀ | cm₀crcro |
| Friston | | | | |
| Lympne | cbcc | bcycrrm₀ | cirocm₀ | bccidm₀c |
| Manston | bcc | cyrocy | crorobccm₀ | cidomoro |
| North Weald | cirom₀cm₀ | ocm₀yrom₀ | cm₀bcm₀ | cm₀irom₀f |
| Felixstowe | bccbc | bccir₀ | cirobcwc | ccm₀ |
| Gorleston | cproc | cpr₀c | bcc | bcqc2₀ |
| Mildenhall | cciroc | cycirorr₀ | ccm₀bcm₀ | bm₀cid |
| Bircham Newton | iroc | crorom₀ | crorom₀co | oidcmoc |
| Cranwell | crorom₀ | cm₀ | cm₀ | cm₀dodoro |
| Cranfield | cmorr | ciroc | cbcom | idomomo |
| Honiley | crorommo | crrm₀c | cm₀bm₀ | cm₀id₀ |
| Little Rissington | crrmc iro | crorrmcpr | cproc,bm₀ | m₀ofid |
| Shobden | ciroRRm₀ | croropr₀c | cm₀,bcmw | bmcmw |
| Bristol | cmororo | PRc | cbcmow | bmowcid₀ |
| Chivenor | cdodoc | cbc | bccw | bcFpr₀c |
| Yeovilton | rrzc | bzpccp | rprbc | bzcmr |
| Portland Bill | c | c | c | OR |
| Exeter | ordo | cpr | cbcbbc | bcc,rrorr |
| Plymouth | cproc | cbcc | bc | bccwbc |
| St. Eval | cmoc | cbc | cbccbc | bcc |
| The Lizard | cbc | bc | bccm | bc |
| Scilly, St. Marys | irobc | o | bccl | cbccw |
| Fairwood | cmofpro | bcprobc | bcbm₀ | bm₀bcmc |
| Pembroke | cbc | bc | bcc | bccw |
| Aberporth | ccm₀ | cfcmp | * | bcc |
| Penrhos | c | cm₀cbcb | bcb | bwbcmob |
| Holyhead, Valley | c | bbc | bcbfg | b,cm₀bc |
| Hawarden | cm₀cmcpor | crorm₀c | cbcm₀b | bm₀bfcm₀ |
| Manchester | irom₀iRm | iRfcm₀ | cbcm₀ | bmbcm₀c |
| Squires Gate | cm₀ | cmorrorcm₀ | cm₀b | bbcm₀c |
| Silloth | bccbcc | cbc | bcc | c |
| Ashbourne | crorom₀ | crorom₀ | bm₀ | bm₀cm₀ |
| Snaith | cm₀roro | cirom₀ | croccm₀ | cm₀cbc |
| Spurn Head | orr | cm₀ | cm₀ | c |
| Catterick (Sc.) | c | cm₀rr₀ | cm₀idoc | cd₀dm₀ |
| Tynemouth | bcm₀c | coirom₀ | oiroo | o |
| Acklington | bcc | com₀ | om₀oidm₀ | cm₀iroid₀ |
| St. Abb's Head | cm₀c | co | o | oc |
| Leuchars | cm₀c | c | c | cbc |
| Montrose | cirororoc | cirid₀c | cbcb | bbcb |
| Abbotsinch | bc | ctpr₀ | cirobc | bcir₀c |
| Prestwick | bcwbc | bcc | bcb | bbcc |
| West Freugh | cwbcwcwc | cbc | bcc | c |
| Eskdalemuir | cm₀bcy | cyc | ciroc | c |
| Jurby, I. of Man | | bccb | bbccbc | cz₀c |
| Machrihanish | cbc | bc | bc | bcc |
| Tiree | c | cbcbc | bc,vcb | bbcc |
| Oban | cbc | bccpr₀ | pr₀c | cbcc |
| Stornoway | ccproc | cbc | bccbc | bbcbbcw |
| Cape Wrath | ccjp | c | cbc | bcc |
| Dalwhinnie | cpr | cpr₀o | * | opr₀c |
| Aberdeen | croroc | c | cbc | bcb |
| Fraserburgh | croc | c | cbc | bccbc |
| Alness | ccid₀ | cd₀d₀irpr₀ dbcc | cpr₀c | cbc |
| Wick | c | | cbcb | bbcc |
| Hatston | c | c | cbc | prbc |
| Sumburgh | c | cvpr₀ | pr₀v | bbcv |
| Sullom Voe | cbc | cbc | bc | cpr₀c |
| Blacksod Point | c | r | bc | c |
| Malin Head | bc | bc | bc | c |
| Aldergrove | cbcbcy | bcybcc | bbcc | bccmc |
| Cas. Archdale | bcwc | bccpr₀ | cpr₀bcb | bccw |
| Birr Castle | r | c | * | r |
| Collinstown | c | bc | bc | r |
| Foynes | bc | pr | b | c |
| Valentia | pr | pr | bc | c |
| Roches Point | bc | bc | b | c |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present. B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

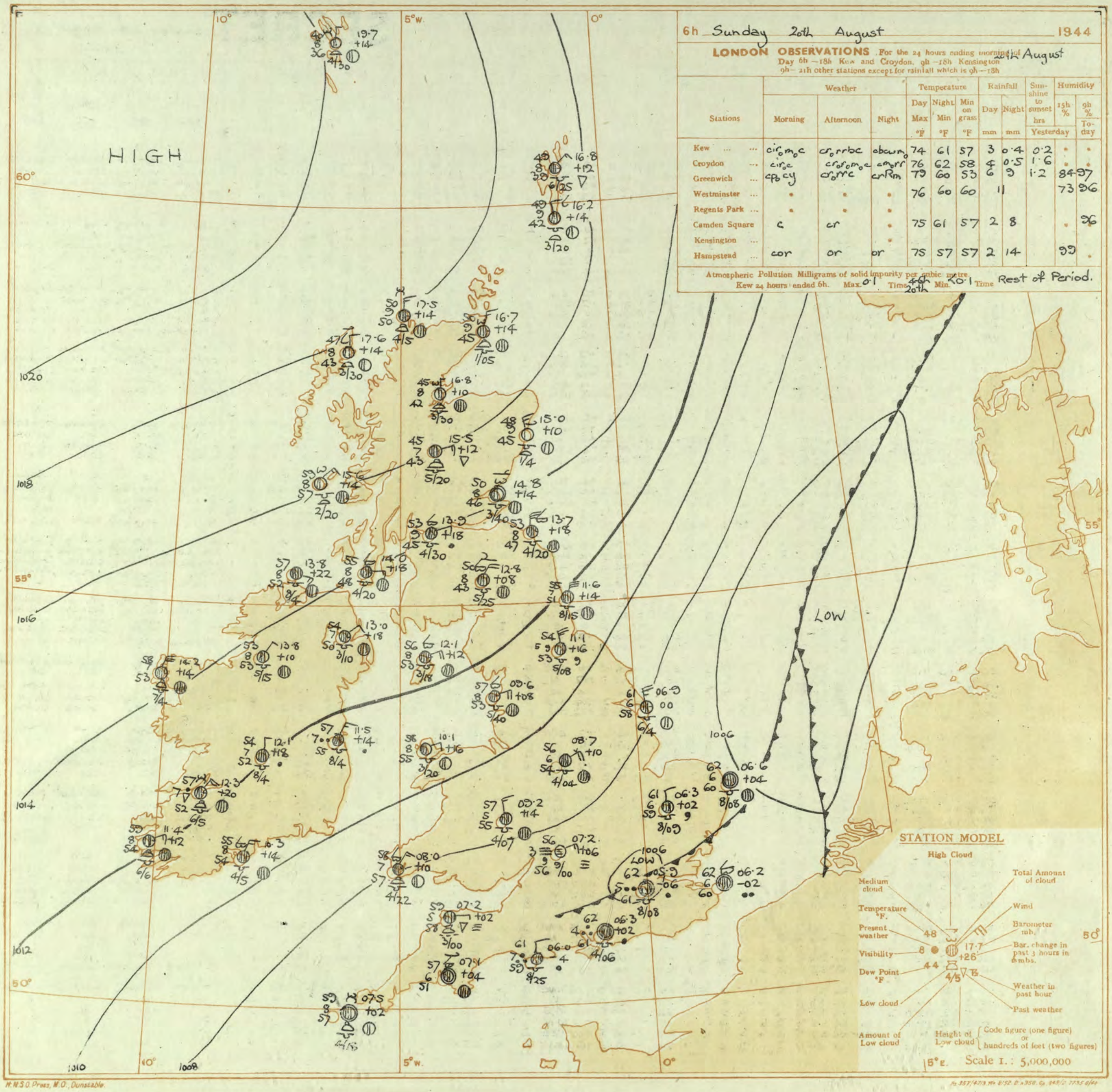
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Sunday 20th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 21st August
Day 6h – 18h Kew and Croydon, 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | cir₀m₀c | cr₀rrbc | cbcum₀ | 74 | 61 | 57 | 3 | 0·4 | 0·2 | • | • |
| Croydon ... | cirₒc | crₒrₒm₀c | cₘₒrr | 76 | 62 | 58 | 4 | 0·5 | 1·6 | • | • |
| Greenwich ... | cpₒcy | crₒrrc | crRm | 79 | 60 | 53 | 6 | 9 | 1·2 | 84 | 97 |
| Westminster ... | • | • | • | 76 | 60 | 60 | 11 | | | 73 | 96 |
| Regents Park ... | • | • | • | | | | | | | | |
| Camden Square | c | cr | • | 75 | 61 | 57 | 2 | 8 | | • | 96 |
| Kensington ... | | | • | | | | | | | | |
| Hampstead ... | cor | or | or | 75 | 57 | 57 | 2 | 14 | | 99 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max. 0·1 Time 4-6h 20th Min. <0·1 Time Rest of Period.



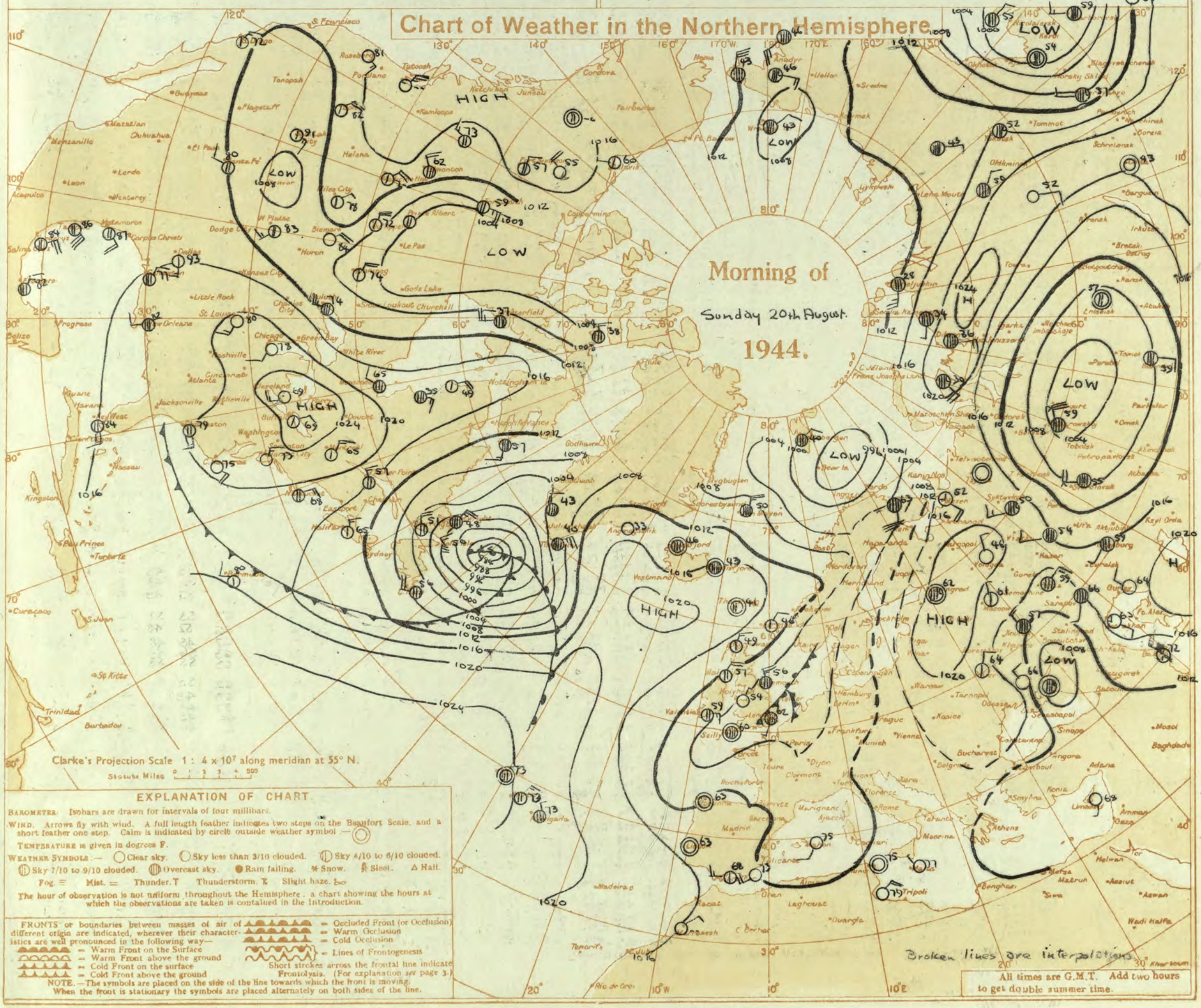

H.M.S.O. Press, M.O., Dunstable.

## GENERAL INFERENCE

A trough of low pressure over Southeast England is moving away southeast and a large anticyclone to the west of Scotland is moving east. Weather will be fair in North Scotland. There will be thundery showers in South Scotland, Ireland, Wales, Northwest and Southwest England, becoming fair tonight. Over the rest of England there will be much rain and local thunder, with rain ceasing slowly from the west. There will be some hill fog associated with the rain. It will be rather cool generally.

## FURTHER OUTLOOK

Fair in the north and west; scattered showers in the southeast.



BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Sunday 20th August 1944

No. 30222

## OBSERVATIONS at 00hr. G.M.T. 20th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc (3) | Wind. Force (4) | Weather. (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud. Form. Low. (9) | Form. Med. (10) | Form. High. (11) | Amount. Total. 0–9 (12) | Amount. Low. A. 0–9 (13) | Amount. Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | * | * | * | * | 63 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 06·8 | +6 | S'W | 1 | c | 62 | 60 | 7 | 5 | — | — | 8 | 8 | - | 9 | - |
| | Boscombe Down | 417 | 06·5 | 0 | - | 0 | 2o | 59 | 57 | 5 | 5 | — | — | 1 | 1 | - | 15 | - |
| | Thorney Island | 10 | 06·7 | -2 | - | 0 | 2o | 63 | 61 | 6 | 5 | — | — | 8 | 6 | 8 | 7 | 15 |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 07·2 | -2 | SSW | 2 | 2o | 61 | 61 | 5 | 5 | — | — | 8 | 3 | 8 | 1 | 8 |
| | Manston | 140 | 06·8 | +2 | SSW | 2 | 2o | 63 | 61 | 6 | 5 | — | — | 8 | 5 | 8 | 10 | 25 |
| 2 | North Weald | 244 | 06·7 | 0 | SW'S | 3 | 2o | 61 | 59 | 5 | 5 | — | — | 5 | 5 | - | 12 | - |
| | Felixstowe | 10 | 06·8 | -4 | SSW | 3 | c | 65 | 62 | 7 | 5 | — | — | 8 | 8 | - | 40 | - |
| | Gorleston | 5 | 06·1 | +4 | SSW | 2 | 2o | 63 | 58 | 6 | 5 | — | — | 5 | 5 | - | 20 | - |
| | Mildenhall | 15 | 05·8 | +4 | SW'S | 2 | 2o | 61 | 60 | 6 | 5 | — | — | 3 | 3 | - | 50 | - |
| | Bircham Newton | 221 | 05·7 | +2 | WSW | 3 | 2o | 62 | 61 | 5 | 5 | — | — | 8 | 8 | - | 4 | - |
| | Cranwell | 203 | 06·2 | +10 | NW'N | 3 | 2o | 59 | 58 | 5 | 5 | — | — | 8 | 8 | - | 20 | - |
| 3 | Cranfield | 340 | 06·4 | +10 | SW | 2 | m | 60 | 59 | 4 | 5 | — | — | 8 | 8 | - | 3 | - |
| | Honiley | 427 | 06·9 | +20 | - | 0 | 2o | 55 | 55 | 5 | - | — | — | 0 | 0 | 0 | - | - |
| 4 | Little Rissington | 731 | 06·3 | -8 | NNE | 2 | 2o | 57 | 56 | 5 | - | — | — | 0 | 0 | 0 | - | - |
| | Shobden | 318 | 07·5 | +14 | SE | 1 | m | 56 | 55 | 4 | - | — | — | 0 | 0 | 0 | - | - |
| 5 | Bristol | 209 | 06·5 | +6 | - | 0 | 2o | 57 | 56 | 6 | - | — | — | 0 | 0 | 0 | - | - |
| | Chivenor | 20 | 07·0 | +10 | ESE | 1 | c-bc | 58 | 58 | 7 | 5 | — | — | 5 | 5 | - | 8 | - |
| | Yeovilton | 50 | 06·3 | +4 | - | 0 | 2o | 57 | 57 | 6 | 5 | — | — | 2 | 2 | - | 20 | - |
| | Portland Bill | 32 | 06·9 | +6 | WSW | 3 | c-bc | 62 | 60 | 8 | 5 | — | — | 5 | 5 | - | 50 | - |
| | Exeter | 100 | 06·7 | +8 | - | 0 | b-bc | 57 | 57 | 7 | - | 4 | — | 3 | 3 | - | 50 | - |
| | Plymouth | 86 | 06·9 | +10 | - | 0 | c | 58 | 57 | 8 | - | 3 | — | 6 | 6 | - | - | - |
| | St. Eval | 345 | 07·3 | +2 | NNW | 1 | c-bc | 60 | 56 | 7 | 5 | 7 | 6 | 5 | 3 | 4 | 10 | - |
| | The Lizard | 240 | 06·9 | +6 | N'W | 2 | 2o | 59 | 57 | 6 | 5 | — | — | 7 | 7 | - | 10 | - |
| | Scilly, St. Marys | 163 | 07·2 | +2 | - | 0 | c | 60 | 58 | 8 | 8 | — | — | 8 | 4 | 4 | 25 | - |
| 6 | Fairwood | 268 | 06·5 | +4 | - | 0 | 2o | 57 | 56 | 5 | - | — | — | 0 | 0 | 0 | - | - |
| | Pembroke | 142 | 07·1 | +8 | N'E | 3 | c-bc | 56 | 56 | 8 | 5 | — | — | 5 | 5 | - | 20 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 07·3 | +10 | WNW | 2 | b | 56 | 53 | 8 | 1 | — | — | 2 | 2 | - | 40 | - |
| | Holyhead, Valley | 32 | 08·0 | +6 | NE | 1 | bfg | 54 | 53 | 5 | - | — | — | 0 | 0 | 0 | - | - |
| | Hawarden | 15 | 07·5 | +8 | NW | 1 | 2o | 56 | 56 | 5 | - | — | — | 0 | 0 | 0 | - | - |
| 8 | Manchester | 230 | 07·0 | +10 | NE | 2 | m | 53 | 52 | 4 | 5 | — | — | 1 | 1 | - | 40 | - |
| | Squires Gate | 30 | 07·7 | +14 | NE | 2 | b | 58 | 55 | 7 | - | — | — | 0 | 0 | 0 | - | - |
| | Silloth | 25 | 10·0 | +8 | NNE | 4 | c | 57 | 54 | 8 | 5 | — | — | 8 | 8 | - | 16 | - |
| 9 | Ashbourne | 590 | 07·0 | +12 | NNW | 2 | 2o | 54 | 53 | 5 | - | — | — | 0 | 0 | 0 | - | - |
| | Snaith | 30 | 07·6 | +16 | N | 4 | 2o | 58 | 56 | 6 | 5 | — | — | 8 | 8 | - | 8 | - |
| 10 | Spurn Head | 29 | 05·7 | +12 | NW | 4 | 2o | 60 | 58 | 6 | 5 | 7 | — | 7 | 5 | 3 | 25 | 57 |
| | Catterick (Sc.) | 195 | 07·9 | 0 | NNW | 4 | 2o | 57 | 56 | 5 | 5 | — | — | 8 | 8 | - | 9 | - |
| | Tynemouth | 108 | 08·5 | +12 | N | 5 | 0 | 56 | 55 | 7 | 5 | — | — | 8 | 8 | - | 15 | - |
| | Acklington | 138 | 08·6 | +10 | NNE | 5 | id. | 55 | 55 | 6 | 5 | — | — | 8 | 8 | - | 8 | - |
| 11 | St. Abb's Head | 280 | 10·0 | +8 | N | 5 | c | 54 | 48 | 7 | 5 | — | — | 8 | 8 | - | 15 | - |
| | Leuchars | 31 | 11·6 | +10 | NNE | 3 | c | 53 | 47 | 8 | 5 | — | — | 7 | 7 | - | 43 | - |
| | Montrose | 22 | 12·9 | +14 | NNE | 4 | b-bc | 51 | 47 | 8 | 5 | 4 | — | 3 | 3 | 1 | 15 | - |
| 12 | Abbotsinch | 19 | 11·1 | +14 | ESE | 2 | 2o | 55 | 49 | 6 | 5 | — | — | 5 | 5 | - | 22 | - |
| | Prestwick | 30 | 10·9 | +20 | ENE | 4 | b | 55 | 47 | 7 | 5 | — | — | 2 | 2 | - | 40 | - |
| | West Freugh | 53 | 09·4 | +18 | NE | 1 | c | 54 | 52 | 8 | 5 | — | — | 8 | 4 | 5 | 16 | 25 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 08·9 | +14 | NE'E | 4 | c-bc | 58 | 53 | 8 | 5 | — | — | 5 | 5 | - | 18 | - |
| 13A | Machrihanish | 35 | 10·4 | +18 | E'N | 4 | b-bc | 55 | 49 | 8 | 5 | — | — | 3 | 3 | - | 20 | - |
| | Tiree | 44 | 12·6 | +14 | NNE | 3 | b-bc | 54 | 52 | 8 | 5 | — | — | 3 | 3 | - | 20 | - |
| | Oban | 74 | 11·8 | +14 | NE | 1 | c | 54 | 53 | 9 | 4 | — | — | 7 | 7 | - | 30 | - |
| 13B | Stornoway | 12 | 14·7 | +10 | N | 3 | b-bc | 49 | 45 | 8 | 4 | — | — | 3 | 3 | - | 30 | - |
| | Cape Wrath | 367 | 16·1 | +20 | W8W | 2 | c | 51 | 51 | 9 | 8 | — | — | 6 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 12·6 | +12 | NNW | 3 | c | 50 | 45 | 8 | 5 | 7 | — | 8 | 4 | 8 | 20 | - |
| | Fraserburgh | 76 | 12·8 | +10 | N | 3 | b-bc | 52 | 49 | 9 | 5 | — | — | 3 | 3 | - | 15 | - |
| | Alness | 63 | 14·6 | +16 | E | 1 | c | 50 | 46 | 8 | 5 | — | — | 6 | 6 | - | 25 | - |
| | Wick | 114 | 13·5 | +2 | NW | 1 | b | 46 | 42 | 8 | 4 | — | — | 1 | 1 | - | 20 | - |
| 16 | Hatston | 45 | 04·4 | +8 | NNE | 3 | b-bc | 50 | 43 | 8 | 4 | 4 | — | 3 | 3 | 1 | 20 | - |
| | Sumburgh | 15 | 14·3 | +12 | NNE | 3 | b | 45 | 42 | 9 | - | 4 | 1 | 1 | 1 | 1 | - | - |
| | Sullom Voe | 12 | 14·6 | +10 | NNE | 2 | b-bc | 46 | 42 | 8 | 5 | — | — | 3 | 3 | - | 25 | - |
| 17 | Blacksod Point * | 18 | 11·6 | +14 | NE'E | 6 | bc | 58 | 70 | 7 | 8 | — | — | 4 | 4 | - | 15 | - |
| 18 | Malin Head * | 84 | 10·3 | +6 | NE | 4 | bc | 57 | 55 | 8 | 8 | — | — | 4 | 4 | - | 15 | - |
| | Aldergrove | 294 | 09·9 | +10 | NNW | 2 | c | 51 | 51 | 7 | 5 | — | — | 8 | 8 | - | 15 | - |
| | Cas. Archdale | 240 | 11·1 | +14 | N | 1 | b | 52 | 50 | 8 | 5 | — | — | 1 | 1 | - | 20 | - |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown * | 220 | 09·2 | +4 | NNE | 2 | b-bc | 55 | 51 | 8 | 5 | — | — | 3 | 3 | - | 42 | - |
| 20 | Foynes * | 3 | 09·2 | +10 | N | 1 | b-bc | 57 | 55 | 8 | 4 | — | — | 3 | 3 | - | 45 | - |
| | Valentia * | 30 | 09·3 | +10 | E'N | 3 | bc | 59 | 55 | 8 | 5 | — | — | 4 | 4 | - | 25 | - |
| | Roches Point * | 22 | 08·2 | +6 | N | 2 | b | 57 | 56 | 8 | 5 | — | — | 2 | 2 | - | 15 | - |

## OBSERVATIONS at 06hr. G.M.T. 20th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force. (20) | Weather. (21) | Temp. °F. (22) | Dew Point. °F. (23) | Visibility. 0–9 (24) | Cloud. Form. Low. (25) | Form. Med. (26) | Form. High. (27) | Amount. Total. 0–9 (28) | Amount. Low. A. 0–9 (29) | Amount. Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Croydon | 06·0 | -2 | N'E | 2 | r.o.r. | 62 | 59 | 6 | 6 | 2 | - | 8 | 3 | 7 | 21 | 25 | 1 | * |
| Boscombe Down | 05·9 | -6 | - | 0 | r.o.r. | 62 | 61 | 5 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | * |
| Thorney Island | 07·3 | +6 | NE'N | 1 | r f | 57 | 57 | 5 | 5 | - | - | 8 | 8 | - | 3 | - | 1 | * |
| Friston | 06·3 | +2 | - | 0 | rr | 62 | 61 | 4 | 5 | - | - | 8 | 4 | 8 | 6 | 15 | 1 | * |
| Lympne | 06·4 | -6 | SSE | 1 | m | 60 | 60 | 4 | 5 | 7 | - | 8 | 3 | 8 | 3 | - | 1 | § |
| Manston | 06·2 | -2 | - | 0 | c/r | 62 | 60 | 6 | - | 7 | - | 8 | 8 | - | 90 | - | 1 | * |
| North Weald | 06·7 | 0 | NNE | 3 | f+ | 60 | 60 | 3 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Felixstowe | 06·4 | -2 | NNW | 1 | 2o | 63 | 61 | 6 | 5 | - | - | 8 | 8 | - | 18 | - | 0 | 2 |
| Gorleston | 06·6 | +4 | - | 0 | 2o | 62 | 60 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 0 | 1 |
| Mildenhall | 06·3 | +2 | N | 2 | 2o | 61 | 59 | 6 | 5 | - | - | 8 | 8 | - | 9 | - | 1 | * |
| Bircham Newton | 06·4 | 0 | N | 3 | c/d | 61 | 59 | 7 | 6 | - | - | 7 | 4 | 7 | 5 | 8 | 1 | * |
| Cranwell | 07·5 | +2 | NW'N | 3 | r.o.r. | 59 | 57 | 6 | 5 | - | - | 8 | 6 | - | 3 | - | 1 | * |
| Cranfield | 07·1 | -2 | N | 3 | 2o | 58 | 57 | 6 | 5 | - | - | 8 | 8 | - | 6 | - | 1 | * |
| Honiley | 08·2 | +6 | N | 3 | 2o | 57 | 53 | 5 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | * |
| Little Rissington | 07·2 | +6 | NE | 3 | df | 56 | 56 | 3 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Shobden | 05·2 | +14 | NNW | 3 | 2o | 57 | 55 | 5 | 5 | - | - | 8 | 4 | 8 | 7 | 15 | 0 | * |
| Bristol | 07·8 | +10 | N | 2 | rr | 58 | 57 | 5 | 5 | - | - | 8 | 7 | 8 | 10 | 15 | 1 | * |
| Chivenor | 07·2 | +2 | E | 1 | c/f | 59 | 58 | 5 | 9 | - | - | 8 | 3 | 5 | - | 4 | 0 | * |
| Yeovilton | 07·0 | +8 | NNE | 1 | rr | 59 | 58 | 5 | 6 | 2 | - | 8 | 5 | 8 | 7 | 15 | 1 | * |
| Portland Bill | 06·0 | -4 | N | 2 | rr | 61 | 59 | 7 | 5 | - | - | 8 | 8 | - | 25 | - | 1 | 3 |
| Exeter | 06·8 | +6 | - | 0 | rr | 57 | 57 | 6 | 5 | - | - | 8 | 8 | - | 12 | - | 1 | * |
| Plymouth | 07·1 | +4 | - | 0 | 2o | 57 | 56 | 6 | - | 7 | 1 | 5 | 6 | 2 | - | - | 0 | 1 |
| St. Eval | 07·6 | +6 | - | 0 | c-bc | 59 | 58 | 7 | 5 | 7 | 1 | 5 | 4 | 5 | 8 | 15 | 0 | * |
| The Lizard | 07·0 | 0 | - | 0 | bc | 57 | 57 | 7 | 2 | 3 | 4 | 4 | 4 | 3 | 25 | 57 | 1 | 3 |
| Scilly, St. Marys | 07·5 | +2 | - | 0 | c | 59 | 57 | 8 | 8 | 6 | - | 6 | 4 | 4 | 18 | 40 | 0 | 1 |
| Fairwood | 07·5 | +6 | SE | 2 | 2o | 59 | 56 | 5 | 5 | - | - | 4 | 4 | - | 25 | - | 0 | * |
| Pembroke | 08·0 | +10 | NNE | 3 | c | 58 | 57 | 7 | 8 | 7 | - | 7 | 4 | 3 | 22 | - | 0 | 2 |
| Aberporth | 08·6 | +12 | E'S | 3 | 2o | 58 | 56 | 6 | 7 | 3 | - | 7 | 5 | 4 | 40 | - | 0 | 2 |
| Penrhos | 09·1 | +14 | NNW | 2 | c | 57 | 55 | 7 | 5 | 7 | - | 6 | 5 | 6 | - | - | 0 | 1 |
| Holyhead, Valley | 10·1 | +16 | NE | 2 | c-bc | 58 | 55 | 8 | 5 | - | 8 | 5 | 3 | 2 | 20 | 40 | 0 | 1 |
| Hawarden | 09·6 | +2 | WNW | 3 | 2o | 57 | 55 | 5 | 5 | - | - | 8 | 4 | 8 | 12 | 25 | 1 | * |
| Manchester | 08·9 | +4 | NE'E | 3 | c | 57 | 55 | 8 | 5 | - | - | 8 | 8 | - | 12 | - | 1 | * |
| Squires Gate | 09·6 | +8 | NE | 4 | c | 57 | 53 | 8 | 5 | 7 | - | 7 | 5 | 5 | 40 | - | 0 | * |
| Silloth | 12·9 | * | NNE | 3 | c | 54 | 53 | 8 | 5 | 7 | - | 7 | 5 | 7 | 30 | - | 0 | * |
| Ashbourne | 08·7 | +10 | NE | 4 | 2o | 56 | 54 | 6 | 5 | - | - | 8 | 4 | 5 | 4 | 8 | 0 | * |
| Snaith | 09·1 | +6 | N | 4 | o/d | 58 | 56 | 7 | 5 | - | - | 8 | 5 | 8 | 6 | 8 | 1 | * |
| Spurn Head | 06·9 | 0 | N'W | 5 | c | 61 | 58 | 6 | 5 | - | - | 6 | 6 | - | 15 | - | 0 | 3 |
| Catterick (Sc.) | 11·1 | +16 | NNW | 5 | id. | 54 | 53 | 5 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 | * |
| Tynemouth | 11·6 | +14 | N | 6 | 0 | 55 | 51 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | 3 |
| Acklington | 12·1 | +26 | N | 5 | d.d. | 53 | 52 | 6 | 5 | - | - | 8 | 8 | - | 6 | - | 1 | * |
| St. Abb's Head | 13·7 | +18 | N | 5 | c | 53 | 47 | 8 | 5 | 7 | - | 7 | 4 | 4 | 20 | - | 0 | 4 |
| Leuchars | 14·8 | +14 | - | 0 | bc | 50 | 46 | 8 | 5 | 3 | 8 | 4 | 5 | 4 | 40 | - | 1 | * |
| Montrose | 15·5 | +10 | NNW | 4 | b-bc | 50 | 45 | 9 | 2 | 9 | 1 | 3 | 1 | 3 | 20 | - | 0 | * |
| Abbotsinch | 13·9 | +18 | NE'E | 1 | c | 53 | 45 | 9 | 5 | 7 | - | 7 | 4 | 7 | 30 | - | 1 | * |
| Prestwick | 14·1 | +18 | ENE | 3 | c | 53 | 43 | 8 | 5 | 7 | - | 7 | 3 | 5 | 25 | 40 | 0 | * |
| West Freugh | 12·9 | +18 | N | 2 | c | 55 | 50 | 9 | 5 | - | - | 6 | 3 | 6 | 30 | 40 | 0 | * |
| Eskdalemuir | 12·8 | +8 | NNE | 4 | c | 50 | 43 | 8 | 5 | 7 | 5 | 8 | 5 | 8 | 25 | - | | * |
| Jurby, I. of Man | 12·1 | +12 | NE'E | 4 | c | 56 | 53 | 8 | 5 | 7 | - | 7 | 3 | 4 | 18 | 25 | 0 | * |
| Machrihanish | 14·0 | +18 | E | 3 | c | 55 | 48 | 8 | 5 | 7 | - | 7 | 4 | 5 | 20 | 25 | 0 | 2 |
| Tiree | 15·6 | +14 | NE'N | 3 | bc | 59 | 57 | 8 | 7 | 3 | - | 4 | 2 | 4 | 20 | 40 | 0 | 2 |
| Oban | 15·0 | +16 | NNE | 1 | c-bc | 50 | 46 | 9 | 4 | 6 | - | 5 | 3 | 4 | 20 | 40 | 1 | 1 |
| Stornoway | 17·6 | +14 | N | 2 | bc | 47 | 43 | 8 | 1 | 4 | 1 | 4 | 3 | 3 | 30 | - | 0 | 2 |
| Cape Wrath | 17·5 | +14 | N | 3 | c | 50 | 50 | 9 | 2 | 6 | - | 6 | 4 | - | 25 | - | 0 | 3 |
| Dalwhinnie | 15·5 | +12 | NE | 3 | c-bc | 45 | 43 | 7 | 8 | - | - | 5 | 5 | - | 20 | - | 1 | * |
| Aberdeen† | 15·0 | +10 | NNW | 3 | b-bc | 48 | 45 | 9 | 7 | - | 1 | 3 | 1 | 2 | 15 | 40 | 1 | 2 |
| Fraserburgh | 15·4 | +10 | N'E | 4 | bc | 51 | 46 | 9 | 2 | - | 1 | 4 | 1 | 4 | 10 | 40 | 0 | * |
| Alness | 16·8 | +10 | N | 1 | bc | 45 | 42 | 8 | 8 | 3 | - | 4 | 3 | 3 | 30 | - | 0 | * |
| Wick | 16·7 | +14 | N | 3 | c | 50 | 45 | 9 | 8 | 3 | - | 6 | 1 | 4 | 5 | 40 | 0 | * |
| Hatston | 17·0 | +14 | NNE | 4 | c-bc | 51 | 45 | 8 | 8 | 3 | - | 5 | 3 | 4 | 20 | 40 | * | * |
| Sumburgh | 16·2 | +14 | NNW | 2 | c-bc | 49 | 42 | 9 | 7 | 4 | - | 5 | 3 | 4 | 20 | 25 | 0 | 3 |
| Sullom Voe | 16·8 | +12 | NNE | 3 | c | 49 | 39 | 8 | 5 | - | - | 6 | 6 | - | 25 | - | 0 | * |
| Blacksod Point | 14·2 | +14 | NNE | 6 | c | 58 | 53 | 7 | 8 | - | - | 7 | 7 | - | 15 | - | 1 | 5 |
| Malin Head | 13·8 | +22 | E'S | 3 | c | 57 | 52 | 8 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | 4 |
| Aldergrove | 13·0 | +18 | NE'N | 2 | c | 54 | 50 | 7 | 5 | - | - | 7 | 3 | 6 | 10 | 25 | 0 | * |
| Cas. Archdale | 13·8 | +10 | NNE | 1 | c-bc | 53 | 53 | 8 | 5 | - | - | 5 | 5 | 5 | 15 | 40 | 1 | * |
| Birr Castle | 12·1 | +18 | N | 1 | c | 54 | 52 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 0 | * |
| Collinstown | 11·5 | +14 | NNE | 3 | r.o.r. | 57 | 55 | 7 | 5 | - | - | 8 | 8 | - | 14 | - | 0 | * |
| Foynes | 12·3 | +20 | NNE | 4 | pr | 57 | 53 | 7 | 8 | 6 | - | 7 | 6 | - | 28 | - | 1 | * |
| Valentia | 11·4 | +12 | ENE | 3 | c | 55 | 54 | 8 | 8 | - | - | 6 | 6 | - | 48 | - | 1 | 3 |
| Roches Point | 10·3 | +14 | N'E | 3 | c-bc | 55 | 54 | 8 | 5 | 7 | - | 5 | 4 | - | 25 | - | 1 | 3 |

* Minimum Temperatures & rainfall read at 0700 G.M.T. Station 103 read at 0700 G.M.T.

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h-18h °F. (35) | Temperature. Min. Night 18h-6h °F. (36) | Temperature. Min. on Grass °F. (37) | Rainfall. Day 6h-18h mm. (38) | Rainfall. Night 18h-6h mm. (39) | Sunshine 19th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew | 74 | 61 | 57 | 3 | 0·4 | 0·2 |
| Croydon | 76 | 62 | 58 | 4 | 0·5 | 1·6 |
| Boscombe Down | 65 | 56 | 44 | 14 | 3 | 0·2 |
| Thorney Island | 70 | 62 | 59 | 11 | 6 | * |
| Friston | | | | | | |
| Lympne | 76 | 59 | 54 | 1 | 0·1 | 6·2 |
| Manston | 78 | 61 | 58 | 0·5 | Tr | 5·9 |
| North Weald | 75 | 60 | * | * | * | * |
| Felixstowe | 74 | 62 | 58 | Tr | 0·1 | 3·2 |
| Gorleston | 72 | 61 | 55 | - | Tr | 3·5 |
| Mildenhall | 79 | 60 | 55 | 2 | Tr | 0·8 |
| Bircham Newton | 74 | 60 | 57 | 3 | Tr | * |
| Cranwell | 66 | 57 | 49 | 10 | Tr | 0·0 |
| Cranfield | 67 | 58 | 56 | 10 | 0·1 | * |
| Honiley | 67 | 54 | 53 | 18 | 0·1 | * |
| Little Rissington | * | 55 | 54 | 17 | Tr | * |
| Shobden | 64 | 55 | 48 | 21 | - | * |
| Bristol | 70 | 56 | 49 | 15 | 0·4 | 3·3 |
| Chivenor | 70 | 58 | 48 | 1 | Tr | * |
| Yeovilton | 68 | 55 | 52 | 5 | 3 | * |
| Portland Bill | 64 | 60 | * | 1 | 4 | * |
| Exeter | 72 | 56 | 45 | 0·5 | 1 | * |
| Plymouth | 60 | 57 | 49 | 0·3 | - | 6·2 |
| St. Eval | 67 | 57 | 51 | - | - | * |
| The Lizard | 69 | 56 | * | - | - | 11·8 |
| Scilly, St. Marys | 71 | 57 | * | 0·1 | - | 11·1 |
| Fairwood | * | 55 | 50 | 0·4 | - | * |
| Pembroke | 67 | 54 | * | - | Tr | 9·2 |
| Aberporth | 64 | 54 | 46 | 0·3 | Tr | 4·7 |
| Penrhos | 70 | 56 | 47 | - | - | * |
| Holyhead, Valley | 69 | 51 | 45 | Tr | - | * |
| Hawarden | 66 | 53 | 49 | 2 | - | 0·5 |
| Manchester | 63 | 52 | 46 | 3 | - | * |
| Squires Gate | 66 | 49 | * | 3 | - | * |
| Silloth | 69 | 53 | * | - | - | * |
| Ashbourne | 67 | 54 | * | 19 | Tr | * |
| Snaith | 68 | 57 | 55 | 11 | 1 | * |
| Spurn Head | 67 | 58 | * | 10 | 1 | 0·0 |
| Catterick (Sc.) | 68 | 53 | 52 | 3 | 1 | 2·0 |
| Tynemouth | 66 | 54 | 52 | 0·1 | 0·3 | * |
| Acklington | 66 | 53 | 52 | - | Tr | * |
| St. Abb's Head | 60 | 52 | * | - | - | * |
| Leuchars | 63 | 49 | 43 | - | - | 2·0 |
| Montrose | 62 | 48 | 43 | Tr | - | * |
| Abbotsinch | 71 | 52 | 49 | Tr | Tr | 8·5 |
| Prestwick | 67 | 53 | 52 | - | - | * |
| West Freugh | 66 | 52 | 48 | - | - | * |
| Eskdalemuir | 67 | 45 | 48 | - | Tr | 3·8 |
| Jurby, I. of Man | 63 | 56 | 54 | - | - | * |
| Machrihanish | 63 | 55 | 53 | - | - | * |
| Tiree | 62 | 53 | 49 | - | - | 8·8 |
| Oban | 69 | 49 | * | * | - | * |
| Stornoway | 57 | 44 | 41 | 0·2 | Tr | 6·1 |
| Cape Wrath | 64 | 49 | * | - | - | * |
| Dalwhinnie | 60 | 44 | 41 | 0·5 | Tr | 1·2 |
| Aberdeen† | 58 | 47 | 42 | 1 | - | 0·1 |
| Fraserburgh | 59 | 51 | 48 | 0·2 | - | * |
| Alness | 58 | 43 | 35 | 0·5 | - | * |
| Wick | 59 | 43 | 37 | Tr | - | * |
| Hatston | * | * | * | * | * | * |
| Sumburgh | 57 | 44 | | - | Tr | 3·1 |
| Sullom Voe | 56 | 43 | | - | Tr | * |
| Blacksod Point | 63 | 56 | * | 4 | - | |
| Malin Head | 61 | 55 | * | - | - | 14·0 |
| Aldergrove | 67 | 50 | 40 | - | - | 8·6 |
| Cas. Archdale | 70 | 50 | 43 | Tr | - | * |
| Birr Castle | 72 | 53 | 49 | - | 0·3 | 9·1 |
| Collinstown | 66 | 50 | 48 | Tr | Tr | 9·7 |
| Foynes | 67 | 56 | 51 | 0·3 | 1 | 6·7 |
| Valentia | 66 | 54 | 49 | 7 | Tr | 9·1 |
| Roches Point | 68 | 54 | * | Tr | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Page 1. BRITISH SECTION

**SECRET**

Monday 21st August, 1944

No. 30223.

## OBSERVATIONS at 12h. G.M.T. 20th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Amount Total 0-9 (12) | Amount Low A. 0-9 (13) | Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 07·1 | +6 | NW'N | 2 | ir₀ | 63 | 60 | 7 | 8 | 7 | – | 8 | – | 5 | 5 | 25 |
| | Croydon | 07·8 | +6 | WNW | 2 | id₀ | 62 | 60 | 6 | 5 | – | – | 7 | 7 | – | 10 | – |
| | Boscombe Down | 08·7 | +6 | NNW | 2 | c | 61 | 58 | 7 | 5 | – | – | 8 | 5 | 8 | 6 | 15 |
| | Thorney Island | 08·2 | +10 | NNW | 2 | c-bc | 65 | 60 | 7 | 2 | + | – | 5 | 4 | – | 15 | – |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 05·8 | -6 | NW'N | 4 | c | 67 | 61 | 8 | 1 | 6 | – | 7 | 4 | 6 | 8 | 15 |
| | Manston | 05·2 | -6 | S | 4 | z₀ | 63 | 59 | 6 | 7 | 7 | – | 5 | 2 | 5 | 8 | 15 |
| 2 | North Weald | 06·8 | -2 | NNW | 2 | r₀ | 60 | 59 | 5 | 5 | – | – | 8 | 5 | 8 | 9 | 15 |
| | Felixstowe | 05·6 | -6 | E | 2 | ir₀ | 65 | 63 | 7 | 5 | – | – | 8 | 5 | 5 | 12 | 25 |
| | Gorleston | 06·3 | -4 | NE | 2 | z₀ | 64 | 61 | 6 | 5 | – | – | 8 | 8 | – | 12 | – |
| | Mildenhall | 06·4 | -4 | NW'W | 2 | rr | 63 | 62 | 5 | 5 | – | – | 8 | 5 | 8 | 13 | 25 |
| | Bircham Newton | 06·0 | -6 | — | 0 | ir₀ | 63 | 60 | 6 | 5 | – | – | 8 | 4 | 5 | 3 | 5 |
| | Cranwell | 06·8 | -10 | N'W | 3 | rr₀ | 58 | 58 | 4 | 5 | – | – | 8 | 8 | – | 3 | – |
| 3 | Cranfield | 07·9 | +6 | NW | 3 | rr | 58 | 57 | 5 | 5 | – | – | 8 | 6 | 8 | 3 | 8 |
| | Honiley | 09·0 | +8 | NNW | 3 | rr | 56 | 56 | 5 | 5 | – | – | 8 | 8 | – | 6 | – |
| 4 | Little Rissington | 08·6 | +8 | NNE | 3 | r₀r₀ | 57 | 56 | 5 | 5 | 2 | – | 8 | 4 | 8 | 6 | 15 |
| | Shobden | 10·5 | +10 | NNW | 3 | r₀r₀ | 63 | 55 | 6 | 5 | – | – | 8 | 4 | 8 | 8 | 15 |
| 5 | Bristol | 09·7 | +10 | NE | 1 | rr | 59 | 58 | 5 | 6 | 2 | – | 8 | 5 | 8 | 3 | 15 |
| | Chivenor | 09·5 | +6 | NE | 3 | ir₀ | 61 | 59 | 7 | 8 | – | – | 7 | 3 | 7 | 10 | 25 |
| | Yeovilton | 08·9 | +10 | NNW | 2 | c₀ | 63 | 59 | 6 | 5 | – | – | 7 | 5 | 7 | 10 | 40 |
| | Portland Bill | 08·1 | +12 | N | 2 | c/r | 64 | 61 | 8 | 2 | – | – | 8 | 5 | – | 50 | – |
| | Exeter | 09·0 | +8 | N | 3 | c/r | 64 | 60 | 6 | 8 | 3 | – | 7 | 5 | 5 | 18 | 40 |
| | Plymouth | 09·1 | +2 | SW | 2 | c-bcjp | 66 | 59 | 7 | 3 | – | 3 | 5 | 5 | 1 | 22 | – |
| | St. Eval | 09·5 | +14 | NE'E | 2 | c-bc itlr | 62 | 61 | 7 | 9 | 6 | – | 5 | 3 | 5 | 8 | 15 |
| | The Lizard | 08·5 | +8 | W | 2 | c-bc | 68 | 61 | 7 | 8 | 6 | – | 5 | 5 | 2 | 35 | 57 |
| | Scilly, St. Marys | 09·5 | +10 | N'W | 3 | c-bc | 67 | 59 | 8 | 3 | – | 1 | 5 | 4 | 3 | 22 | – |
| 6 | Fairwood | 10·1 | +10 | NE | 1 | c | 61 | 57 | 7 | 9 | 2 | – | 8 | 4 | 5 | 20 | 40 |
| | Pembroke | 10·2 | +10 | NE'N | 2 | c | 65 | 50 | 6 | 8 | – | – | 7 | 7 | – | 20 | – |
| | Aberporth | 11·3 | +6 | NE | 3 | c | 61 | 56 | 7 | 5 | – | – | 8 | 7 | – | 15 | – |
| 7 | Penrhos | 11·7 | +14 | N | 4 | c | 63 | 56 | 8 | 5 | 7 | – | 7 | 4 | 7 | 18 | – |
| | Holyhead, Valley | 13·2 | +14 | NE'N | 4 | c | 63 | 56 | 8 | 7 | 3 | – | 7 | 4 | 2 | 29 | 40 |
| | Hawarden | 11·3 | +8 | NNW | 4 | z₀ | 60 | 52 | 6 | 5 | – | – | 8 | 4 | 8 | 8 | 15 |
| 8 | Manchester | 10·9 | +6 | N'E | 6 | ir₀ | 55 | 53 | 6 | 5 | – | – | 8 | 7 | 8 | 8 | 40 |
| | Squires Gate | 12·2 | +8 | NE'N | 4 | c₀ | 60 | 50 | 8 | 5 | 1 | – | 7 | 4 | 2 | 18 | 40 |
| | Silloth | 14·2 | +6 | NNE | 5 | c | 60 | 47 | 8 | 5 | – | 8 | 7 | 5 | 5 | 30 | – |
| 9 | Ashbourne | 09·5 | 0 | NW | 5 | z₀ | 57 | 52 | 6 | 5 | – | – | 8 | 5 | 8 | 6 | 15 |
| | Snaith | 09·4 | -6 | N | 5 | rr | 57 | 55 | 6 | 5 | – | – | 8 | 4 | 8 | 7 | 15 |
| 10 | Spurn Head | 07·1 | -4 | N'E | 5 | r₀r₀ | 59 | 59 | 6 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Catterick (Sc.) | 11·9 | +2 | N'W | 6 | z₀ | 55 | 52 | 6 | 5 | – | – | 8 | 5 | 8 | 8 | 25 |
| | Tynemouth | 12·5 | +4 | NNW | 6 | o/d | 52 | 51 | 7 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Acklington | 13·6 | +6 | NNE | 5 | c | 55 | 49 | 7 | 5 | – | – | 8 | 4 | 8 | 8 | 25 |
| 11 | St. Abb's Head | 15·4 | +6 | N | 4 | cq | 52 | 46 | 8 | 8 | 4 | – | 7 | 3 | 4 | 20 | 25 |
| | Leuchars | 16·3 | +6 | NE | 4 | c-bc | 59 | 40 | 8 | 2 | – | 4 | 5 | 4 | 2 | 40 | – |
| | Montrose | 17·5 | +8 | NNE | 4 | c | 57 | 41 | 9 | 5 | 3 | 8 | 6 | 5 | 2 | 25 | – |
| 12 | Abbotsinch | 15·9 | +6 | ENE | 2 | c | 60 | 44 | 9 | 8 | – | – | 7 | 7 | – | 25 | – |
| | Prestwick | 15·6 | +2 | SE'E | 4 | c-bc | 50 | 42 | 8 | 7 | 7 | 1 | 5 | 4 | 4 | 18 | 25 |
| | West Freugh | 14·6 | +8 | NW | 1 | c | 59 | 50 | 9 | 5 | – | – | 6 | 3 | 6 | 30 | 57 |
| | Eskdalemuir | 13·5 | 0 | NNE | 5 | bc | 57 | 45 | 8 | 7 | – | 4 | 4 | 4 | 2 | 28 | – |
| | Jurby, I. of Man | 14·8 | +14 | NE'N | 5 | c | 60 | 46 | 8 | 7 | 7 | – | 7 | 3 | 6 | 30 | 57 |
| 13A | Machrihanish | 16·1 | +10 | E'N | 1 | c-bc | 59 | 46 | 8 | 7 | 7 | – | 5 | 2 | 4 | 20 | 40 |
| | Tiree | 18·2 | +2 | N'E | 4 | b-bc | 59 | 48 | 9 | 1 | 4 | 1 | 3 | 3 | 1 | 25 | – |
| | Oban | 17·2 | +4 | N | 2 | bc | 57 | 46 | 9 | 1 | – | – | 4 | 4 | – | 40 | – |
| 13B | Stornoway | 19·2 | +6 | NE | 3 | c-bc | 55 | 41 | 9 | 7 | 4 | – | 5 | 4 | 5 | 18 | 57 |
| | Cape Wrath | 19·3 | +4 | NE | 3 | c | 52 | 52 | 9 | 2 | 6 | – | 6 | 4 | – | 40 | – |
| 15 | Dalwhinnie | | +6 | NE | 3 | c | 51 | 41 | 8 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Aberdeen | 17·2 | +8 | NNE | 4 | c-bc | 57 | 41 | 9 | 4 | – | 8 | 5 | 4 | 3 | 25 | – |
| | Fraserburgh | 17·8 | +14 | NNE | 4 | bc | 55 | 42 | 9 | 1 | – | 2 | 4 | 3 | 4 | 15 | – |
| | Alness | 18·6 | +2 | ENE | 4 | c | 57 | 52 | 9 | 8 | – | – | 6 | 6 | – | 25 | – |
| | Wick | 18·3 | +4 | NE | 4 | bc | 55 | 43 | 9 | 2 | 6 | 1 | 4 | 3 | 4 | 30 | 57 |
| 16 | Hatston | 18·9 | +6 | NNE | 5 | bc | 55 | 43 | 9 | 1 | – | 2 | 4 | 3 | 4 | 20 | 40 |
| | Sumburgh | 18·3 | +8 | N | 3 | c | 52 | 38 | 9 | 5 | – | – | 7 | 7 | – | 35 | – |
| | Sullom Voe | 18·7 | +6 | N'W | 4 | c | 51 | 38 | 8 | 5 | – | – | 7 | 7 | – | 35 | – |
| 17 | Blacksod Point | 16·7 | +10 | NNE | 6 | c | 60 | 55 | 8 | 8 | – | – | 8 | 8 | – | 15 | – |
| 18 | Malin Head | 16·5 | +10 | NNE | 4 | bc | 57 | 48 | 8 | 8 | – | 1 | 4 | 3 | – | 15 | – |
| | Aldergrove | 15·9 | +12 | NE'E | 4 | b-bc | 59 | 46 | 8 | 7 | 7 | 6 | 3 | 1 | 2 | 20 | 40 |
| | Cas. Archdale | 16·6 | +14 | ENE | 1 | c | 59 | 49 | 8 | 5 | 7 | – | 7 | 5 | 7 | 30 | – |
| 19 | Birr Castle | 14·1 | +10 | N | 2 | c | 63 | 54 | 8 | 8 | 1 | – | 8 | 5 | – | 15 | – |
| | Collinstown | 14·3 | +18 | NE | 4 | c | 58 | 49 | 8 | 5 | – | – | 7 | 7 | – | 25 | – |
| 20 | Foynes | 14·5 | +10 | NNE | 3 | c | 62 | 57 | 7 | 5 | – | – | 7 | 7 | – | 15 | – |
| | Valentia | 14·7 | +16 | NNE | 4 | c/pr | 62 | 53 | 8 | 8 | – | – | 7 | 7 | – | 28 | – |
| | Roches Point | 12·7 | +12 | N | 4 | c-bc | 64 | 62 | 8 | 5 | – | – | 5 | 5 | – | 25 | – |

## OBSERVATIONS at 18h. G.M.T. 20th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A 0-9 (29) | Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 10·3 | +16 | ENE | 2 | c | 62 | 53 | 7 | 5 | – | – | 7 | 5 | 2 | 18 | 25 | 1 | * |
| Croydon | 10·9 | +18 | WNW | 2 | z₀ | 62 | 54 | 6 | 5 | 7 | – | 8 | 6 | 8 | 20 | – | 1 | * |
| Boscombe Down | 11·3 | +12 | NNE | 4 | c-bc | 60 | 54 | 6 | 5 | – | 1 | 5 | 4 | 4 | 15 | – | 1 | * |
| Thorney Island | 10·5 | +18 | N'E | 4 | c | 64 | 56 | 8 | 2 | – | 6 | 7 | 2 | 3 | 30 | 57 | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 10·3 | +16 | NW | 3 | z₀ | 64 | 56 | 6 | 4 | – | 2 | 7 | 3 | 7 | 25 | – | 0 | § – |
| Manston | 08·4 | +14 | WNW | 3 | c-bc | 63 | 57 | 8 | 1 | 7 | 6 | 5 | 3 | 4 | 10 | – | 1 | * |
| North Weald | 09·7 | +10 | NW | 4 | z₀ | 59 | 53 | 6 | 5 | – | – | 8 | 5 | 8 | 10 | 15 | 1 | * |
| Felixstowe | 07·2 | +10 | W'S | 4 | c | 64 | 58 | 7 | 8 | 6 | 3 | 7 | 5 | 5 | 18 | 25 | 0 | 3 |
| Gorleston | 06·0 | 0 | SW | 1 | c/pr | 63 | 63 | 6 | 6 | – | – | 8 | 8 | – | 15 | – | 1 | – |
| Mildenhall | 07·0 | +6 | NW'W | 4 | z₀ | 59 | 58 | 6 | 5 | – | – | 8 | 4 | 8 | 15 | 40 | 1 | * |
| Bircham Newton | 06·3 | +2 | NNE | 1 | d₀d₀ | 62 | 61 | 6 | 6 | 7 | – | 7 | 3 | 5 | 3 | 5 | 1 | * |
| Cranwell | 10·0 | +22 | SW'W | 4 | r₀r₀ | 53 | 53 | 6 | 5 | – | – | 8 | 8 | – | 1 | – | 1 | * |
| Cranfield | 10·2 | +14 | WNW | 4 | c/pr | 57 | 52 | 7 | 5 | – | – | 8 | 5 | 8 | 10 | 25 | 1 | * |
| Honiley | 22·5 | +12 | N | 3 | c | 56 | 52 | 7 | 5 | – | – | 8 | 5 | 8 | 10 | 25 | 1 | * |
| Little Rissington | 11·1 | +14 | N | 4 | c | 56 | 51 | 7 | 5 | 2 | – | 8 | 6 | 8 | 12 | 15 | ! | * |
| Shobden | 13·0 | +10 | NNW | 4 | c | 58 | 52 | 7 | 5 | – | – | 8 | 4 | 8 | 15 | 25 | 0 | * |
| Bristol | 11·6 | +14 | NNE | 3 | z₀ | 60 | 54 | 6 | 7 | – | – | 7 | 3 | 4 | 12 | 25 | 1 | * |
| Chivenor | 11·2 | +10 | NNE | 3 | c | 63 | 56 | 7 | 8 | 5 | – | 7 | 4 | 3 | 20 | 40 | 1 | * |
| Yeovilton | 11·4 | +16 | NNW | 3 | z₀ | 62 | 57 | 6 | 7 | 7 | – | 7 | 3 | 6 | 10 | 25 | 0 | * |
| Portland Bill | 09·8 | +12 | NE | 3 | c | 65 | 62 | 8 | 5 | – | – | 8 | 8 | – | 50 | – | 1 | 3 |
| Exeter | 10·6 | +8 | NNE | 4 | z₀ | 64 | 58 | 6 | 8 | 6 | – | 7 | 5 | 5 | 25 | 40 | | * |
| Plymouth | 10·4 | +6 | NE | 1 | c/pr | 63 | 60 | 7 | 9 | – | 3 | 8 | 4 | 4 | 22 | 40 | 1 | 1 |
| St. Eval | 10·6 | +6 | NE'N | 4 | c-bc | 58 | 53 | 7 | 2 | 6 | – | 5 | 4 | 4 | 20 | 40 | 1 | * |
| The Lizard | 09·8 | +8 | NE | 3 | c-bc | 66 | 57 | 7 | 2 | 6 | – | 5 | 4 | 3 | 30 | 57 | 0 | 3 |
| Scilly, St. Marys | 10·2 | +6 | NE'N | 5 | b-bc | 64 | 59 | 7 | 3 | 3 | – | 3 | 2 | 3 | 22 | – | 0 | 3 |
| Fairwood | 11·7 | +12 | NE | 3 | c-bc | 62 | 53 | 7 | 5 | 5 | – | 5 | 3 | 5 | 50 | – | 0 | * |
| Pembroke | 12·3 | +14 | NNE | 5 | bc | 63 | 55 | 7 | 8 | 1 | – | 4 | 4 | – | 23 | – | 0 | 2 |
| Aberporth | 13·4 | +14 | NNE | 4 | bc | 61 | 54 | 7 | 8 | 3 | – | 4 | 2 | 3 | 20 | 25 | 1 | 4 |
| Penrhos | 13·8 | +12 | NNE | 4 | c-bc | 61 | 52 | 8 | 8 | – | 2 | 5 | 4 | 4 | 20 | – | 0 | 3 |
| Holyhead, Valley | 14·5 | +6 | N'E | 4 | c | 60 | 50 | 8 | 7 | 7 | – | 6 | 4 | 6 | 20 | – | 0 | 2 |
| Hawarden | 13·6 | +10 | N'W | 3 | c | 58 | 50 | 7 | 5 | 7 | – | 7 | 2 | 6 | 12 | 25 | 0 | * |
| Manchester | 12·8 | +4 | NNE | 4 | r₀r₀ | 53 | 49 | 6 | 5 | 2 | – | 8 | 7 | 8 | 1 | 40 | 1 | * |
| Squires Gate | 14·0 | +8 | NE'N | 4 | c | 57 | 47 | 8 | 7 | 7 | – | 7 | 3 | 5 | 15 | 57 | 0 | * |
| Silloth | 16·0 | +10 | NNE | 4 | c | 55 | 52 | 9 | 5 | 7 | – | 7 | 4 | 7 | 36 | – | 0 | * |
| Ashbourne | 11·6 | +16 | NW | 5 | c | 53 | 48 | 7 | 6 | 2 | – | 7 | 3 | 5 | 6 | 15 | 0 | * |
| Snaith | 12·4 | +14 | N | 4 | r₀r₀ | 54 | 52 | 7 | 5 | – | – | 8 | 5 | 8 | 4 | 15 | 1 | * |
| Spurn Head | 09·1 | +28 | N | 7 | rr | 57 | 57 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | |
| Catterick (Sc.) | 14·0 | +6 | SW'W | 6 | bby/r | 53 | 50 | 7 | 5 | – | – | 8 | 5 | 8 | 10 | 25 | 1 | * |
| Tynemouth | 15·3 | +8 | N | 6 | c/r | 54 | 48 | 7 | – | 2 | – | 8 | 8 | – | 15 | – | 1 | 4 |
| Acklington | 15·1 | +6 | WSW | 6 | c | 53 | 46 | 8 | 5 | – | – | 8 | 5 | 8 | 15 | 25 | 0 | |
| St. Abb's Head | 16·4 | +4 | NNE | 5 | c-bcq | 52 | 41 | 8 | 8 | 3 | 2 | 5 | 3 | 3 | 20 | 40 | 0 | 3 |
| Leuchars | 17·5 | +10 | NNE | 2 | c | 56 | 40 | 8 | 4 | 7 | 3 | 6 | 4 | 4 | 20 | 40 | 0 | * |
| Montrose | 18·7 | +10 | N | 4 | c-bc | 52 | 40 | 9 | 5 | – | 2 | 5 | 3 | 4 | 20 | 40 | 0 | * |
| Abbotsinch | 16·9 | +6 | ENE | 3 | c | 58 | 46 | 9 | 5 | – | – | 7 | 4 | 7 | 18 | 25 | 1 | * |
| Prestwick | 17·0 | +6 | NE | 3 | c | 59 | 42 | 8 | 5 | – | – | 7 | 4 | 7 | 25 | 40 | 0 | * |
| West Freugh | 16·1 | +10 | NNE | 4 | c | 58 | 44 | 8 | 5 | – | – | 7 | 7 | – | 40 | – | 0 | * |
| Eskdalemuir | 16·1 | +8 | NE'N | 4 | c | 52 | 41 | 8 | 5 | 7 | – | 8 | 4 | 8 | 23 | – | 1 | * |
| Jurby, I. of Man | 16·1 | +10 | NE'E | 3 | c | 58 | 46 | 8 | 5 | 7 | – | 7 | 1 | 4 | 30 | 40 | 0 | * |
| Machrihanish | 17·1 | +8 | NE'N | 2 | c | 55 | 47 | 8 | 8 | 7 | – | 6 | 3 | 5 | 20 | 40 | 0 | 1 |
| Tiree | 19·4 | +6 | N | 5 | b | 57 | 47 | 9 | 4 | – | – | 2 | 2 | – | 30 | – | 0 | 4 |
| Oban | 18·8 | +10 | N | 2 | c | 57 | 47 | 9 | 5 | 3 | – | 6 | 5 | 1 | 40 | – | 0 | 1 |
| Stornoway | 20·8 | +10 | NE | 4 | b-bc | 54 | 41 | 9 | 1 | – | – | 3 | 3 | – | 25 | – | 0 | 2 |
| Cape Wrath | 21·2 | +10 | N | 3 | c-bc | 50 | * | 9 | 2 | 4 | – | 5 | 4 | – | 40 | – | 0 | 3 |
| Dalwhinnie | | +6 | NE | 4 | c | 50 | 37 | 8 | 5 | – | – | 7 | 7 | – | 28 | – | 0 | * |
| Aberdeen | 18·1 | +8 | N'W | 3 | c | 52 | 37 | 9 | 4 | – | 6 | 6 | 5 | 5 | – | 25 | 0 | 3 |
| Fraserburgh | 18·4 | +6 | N'E | 4 | c | 52 | 41 | 9 | 5 | – | – | 7 | 7 | – | 20 | – | 0 | – |
| Alness | 20·1 | +10 | NE | 3 | c | 54 | 43 | 9 | 7 | 3 | – | 6 | 5 | 1 | 30 | – | 0 | * |
| Wick | 19·9 | +8 | NNE | 4 | c | 51 | 40 | 9 | 5 | – | – | 8 | 8 | – | 45 | – | 0 | * |
| Hatston | 20·3 | +6 | N'W | 5 | c | 51 | 40 | 9 | 5 | – | – | 7 | 4 | 7 | 25 | 40 | F | * |
| Sumburgh | 18·9 | +4 | N | 3 | c | 54 | 41 | 9 | 5 | – | – | 6 | 6 | – | 30 | – | 0 | 3 |
| Sullom Voe | 19·4 | +2 | N | 3 | c | 50 | 36 | 8 | 5 | – | – | 6 | 3 | 6 | 25 | 40 | 0 | * |
| Blacksod Point | 19·8 | +16 | NE'N | 6 | b-bc | 59 | 50 | 8 | 2 | 5 | – | 3 | 3 | – | 40 | – | 0 | 5 |
| Malin Head | 18·6 | +10 | NNE | 4 | bc | 57 | 48 | 9 | 4 | – | – | 4 | 4 | – | 15 | – | 1 | 4 |
| Aldergrove | 17·3 | +10 | N'E | 3 | bc | 56 | 46 | 9 | 7 | – | 5 | 4 | 4 | 3 | 40 | – | 0 | * |
| Cas. Archdale | 18·0 | +10 | N | 4 | b-bc | 58 | 51 | 9 | 1 | – | 1 | 3 | 3 | 1 | 30 | – | 0 | * |
| Birr Castle | 15·3 | +6 | N | 2 | bc | 63 | 51 | 8 | 5 | – | – | 4 | 4 | – | 15 | – | 0 | * |
| Collinstown | 16·4 | +12 | NNE | 4 | c-bc | 59 | 44 | 9 | 7 | 3 | 3 | 5 | 4 | – | 57 | – | 0 | * |
| Foynes | 16·1 | +10 | NE'N | 3 | c | 63 | 55 | 8 | 8 | 3 | – | 6 | 3 | – | 24 | – | 0 | * |
| Valentia | 16·1 | +8 | N'E | 4 | bc | 65 | 56 | 8 | 3 | – | – | 4 | 4 | – | 22 | – | 0 | 3 |
| Roches Point | 14·8 | +16 | NE'E | 3 | bc | 64 | 62 | 8 | 3 | 3 | – | 4 | 3 | – | 15 | – | 1 | 3 |

## PAST 24 HOURS — WEATHER

| Stations | 06h.–12h. 20th (41) | 12h.–18h. 20th (42) | 18h. 20th to 00h. 21st (43) | 00h.–06h. 21st (44) |
|---|---|---|---|---|
| Kew | rrm₀ir₀c | cir₀c | ccm₀ | c |
| Croydon | crrgcm₀ | cid₀c | cd₀d₀m₀ | cd₀d₀m₀c |
| Boscombe Down | crrfcrm₀c | cm₀ | c | bm₀id₀c |
| Thorney Island | cm₀ir₀c | bcc | bcc | cvr |
| Friston | | | | |
| Lympne | cmidcm₀c | cbbccz₀ | cm₀bcm₀ | wcm₀rir₀ |
| Manston | cir₀cm₀ | cir₀m₀cz₀ | cid₀ | cidr₀m₀ |
| North Weald | cfrr cr₀rm | cr₀cm₀ | cm₀d₀m₀ | ocd₀d₀m₀ |
| Felixstowe | cr₀r₀m₀ | cr₀pr₀c | cwcm₀w | cidm₀cm₀ |
| Gorleston | cz₀ | cpr₀c | -pr₀ | oid₀z₀ |
| Mildenhall | cm₀crrm₀ | cm₀rvc | cm₀cddm₀ | cddm₀cr₀ |
| Bircham Newton | cd₀d₀m₀ | cir₀r₀c | od₀d₀m₀ | od₀d₀r₀m₀ |
| Cranwell | rrmccm | crrfcr₀r₀m₀ | cm₀cd₀d₀ | or₀r₀ |
| Cranfield | crrm₀ | cr₀r₀c | cm₀ | cm₀d₀cm₀ |
| Honiley | orrm₀ | crrm₀c | c | c |
| Little Rissington | fcr₀r₀m₀ | cr₀rm₀c | ccir₀cm₀ | cd₀d₀id₀ |
| Shobden | cm₀ir₀r₀r₀ | cr₀r₀m₀ | cm₀cbcm₀ | cm₀ |
| Bristol | cm₀ dclirr | r₀r₀cm₀ | cm₀ | cm₀c |
| Chivenor | ctlr₀r₀r₀ | cir₀c | cbc bm₀ | bm₀cm₀c |
| Yeovilton | cr₀ir₀c | cz | czbcc | oz₀ |
| Portland Bill | c | cc | cc | oc |
| Exeter | rrir₀r₀r₀ | cym₀ | cbcm₀ | cm₀ |
| Plymouth | bcjp | cpRc | ccm₀ | bbc |
| St. Eval | cpr₀ctlr | cbc | cbcbm₀ | bm₀bcw |
| The Lizard | bc | cprbc | cz₀ | cbc |
| Scilly, St. Marys | cbcbc | bc | bc | bbcc |
| Fairwood | cir₀rrm₀c | c | bm₀ | bm₀cc |
| Pembroke | cm₀ | c | bc | bcc |
| Aberporth | c | cprphr | * | c |
| Penrhos | c | c | cb | bbcb |
| Holyhead, Valley | c | b | cbcb | cir₀m₀r |
| Hawarden | cm₀ir₀cm₀ | cz₀cir₀c | bcbcm₀ | c |
| Manchester | ccm₀ir | ccrr₀r₀m | cr₀r₀m₀ | cm₀bcm₀ |
| Squires Gate | c | c | b | bbc |
| Silloth | c | c | cbc | byc |
| Ashbourne | cm ir₀ | cr₀r₀m₀ | ccm₀ | c |
| Snaith | cr₀R₀m₀ | crm₀cr₀ | cr₀r₀c | c |
| Spurn Head | or₀m₀ | orrm₀ | cr₀r₀m₀ | oc |
| Catterick (Sc.) | cm₀id₀c | cm₀r₀r₀ | cir₀cm₀c | ccm₀c |
| Tynemouth | oid | ocl₀r | oir₀₀ | oc |
| Acklington | od₀oib | c | c | ccq |
| St. Abb's Head | bcqcq | cbccq | cqbcq | cq |
| Leuchars | bccbcy | bcyccy | cyc | c |
| Montrose | bcvbcy | bccybc | cyc | c |
| Abbotsinch | bcycy | cyc | cycbc | bbcw |
| Prestwick | cr₀bcy | cy | cyb | bbwm₀c |
| West Freugh | c | ccyc | cbc | bcbb |
| Eskdalemuir | cbc | bcc | | bccooc |
| Jurby, I. of Man | c | ccyc | ccybcb | boc |
| Machrihanish | cbcc | c | c | bcbbc |
| Tiree | bvbcv | bcybc | bcb | bbbcbbc |
| Oban | bcbbc | bccvc | bcb | bwb |
| Stornoway | bcwbcc | cbc | bc | bc |
| Cape Wrath | bcc | c | c | c |
| Dalwhinnie | co | oc | * | co |
| Aberdeen | bbccy | bcycvy | cycr | cv |
| Fraserburgh | bc | bcyc | c | c |
| Alness | bccpr₀cy | cypr₀c | cbcc | c |
| Wick | cpr₀bc | bcc | c | c |
| Hatston | cpbc | bcc | co | ccrpr |
| Sumburgh | cvy | cw | cv | cv |
| Sullom Voe | cyc | cp₀rcy | c | cbcc |
| Blacksod Point | c | b | bc | bc |
| Malin Head | bc | b | bc | bc |
| Aldergrove | cbc | bccbc | bccbc | bcwbw |
| Cas. Archdale | cwc | cbc | cbbc | bbcc |
| Birr Castle | c | b | * | bc |
| Collinstown | c | c | bc | c |
| Foynes | c | pr | b | b |
| Valentia | pr | b | bc | b |
| Roches Point | c | pr | b | b |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil  1 = Trace  2 = $\frac{1}{10}$  3 = $\frac{1}{4}$  4 = $\frac{1}{2}$  5 = $\frac{3}{4}$  6 = $\frac{9}{10}$  7 = More than 9 but with openings.  8 = Completely covered.  9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

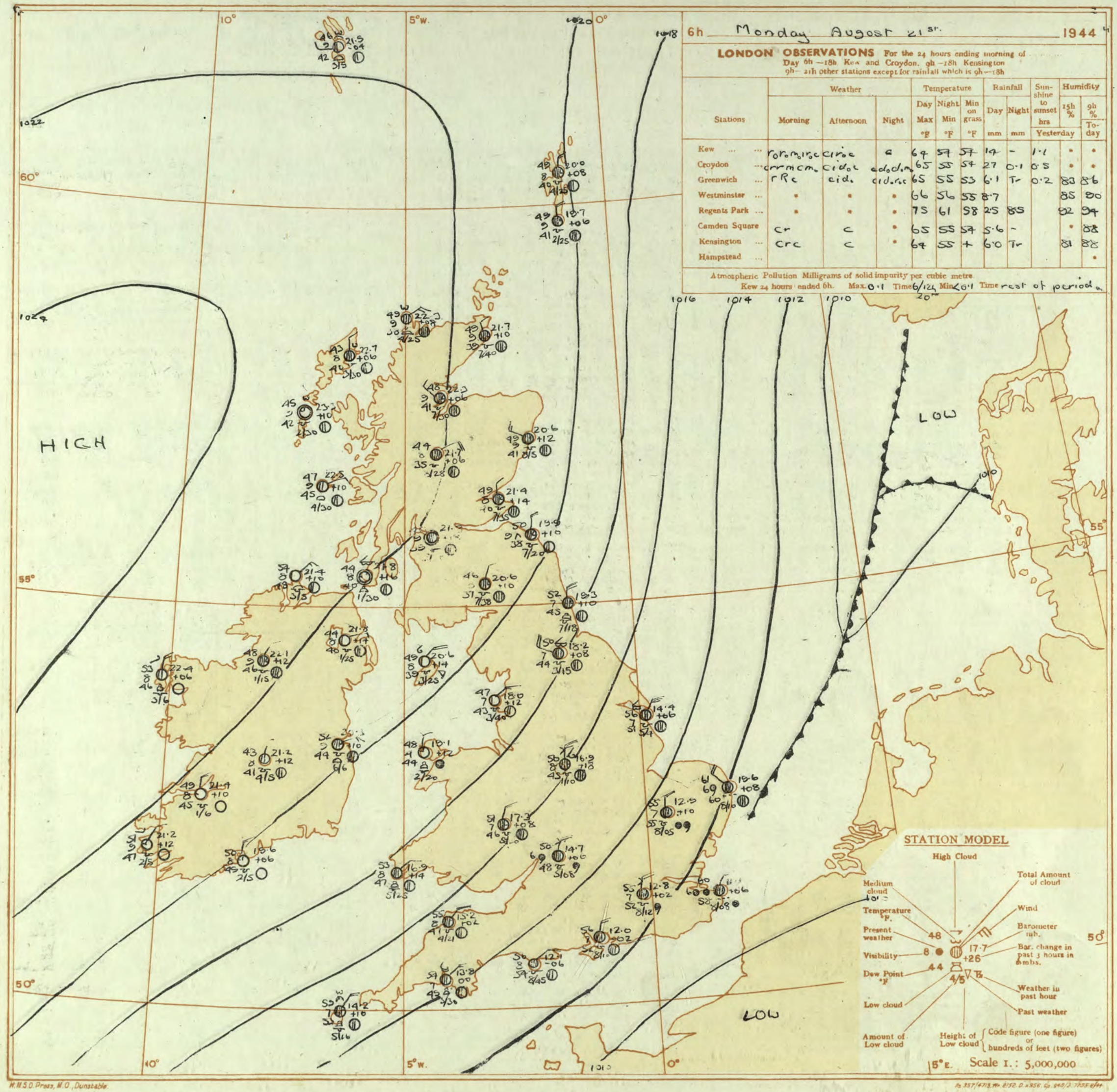
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Monday August 21st. 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of
Day 6h —18h Kew and Croydon. 9h —18h Kensington
9h— 21h other stations except for rainfall which is 9h—18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs (Yesterday) | Humidity 15h % (Yesterday) | Humidity 9h % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | rorornirc | circ | c | 64 | 54 | 54 | 14 | - | 1·1 | • | • |
| Croydon ... | crrmcm. | cidc | cdocl.m | 65 | 55 | 54 | 27 | 0·1 | 0·5 | • | • |
| Greenwich ... | rRc | cid. | cidrc | 65 | 55 | 53 | 6·1 | Tr | 0·2 | 83 | 86 |
| Westminster ... | • | • | • | 66 | 56 | 55 | 8·7 | | | 85 | 90 |
| Regents Park ... | • | • | • | 75 | 61 | 58 | 25 | 85 | | 92 | 94 |
| Camden Square | cr | c | • | 65 | 55 | 54 | 5·6 | - | | • | 88 |
| Kensington ... | crc | c | • | 64 | 55 | + | 6·0 | Tr | | 81 | 88 |
| Hampstead ... | | | | | | | | | | | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·1 Time 6/12 Min <0·1 Time rest of period.




H.M.S.O. Press, M.O., Dunstable.

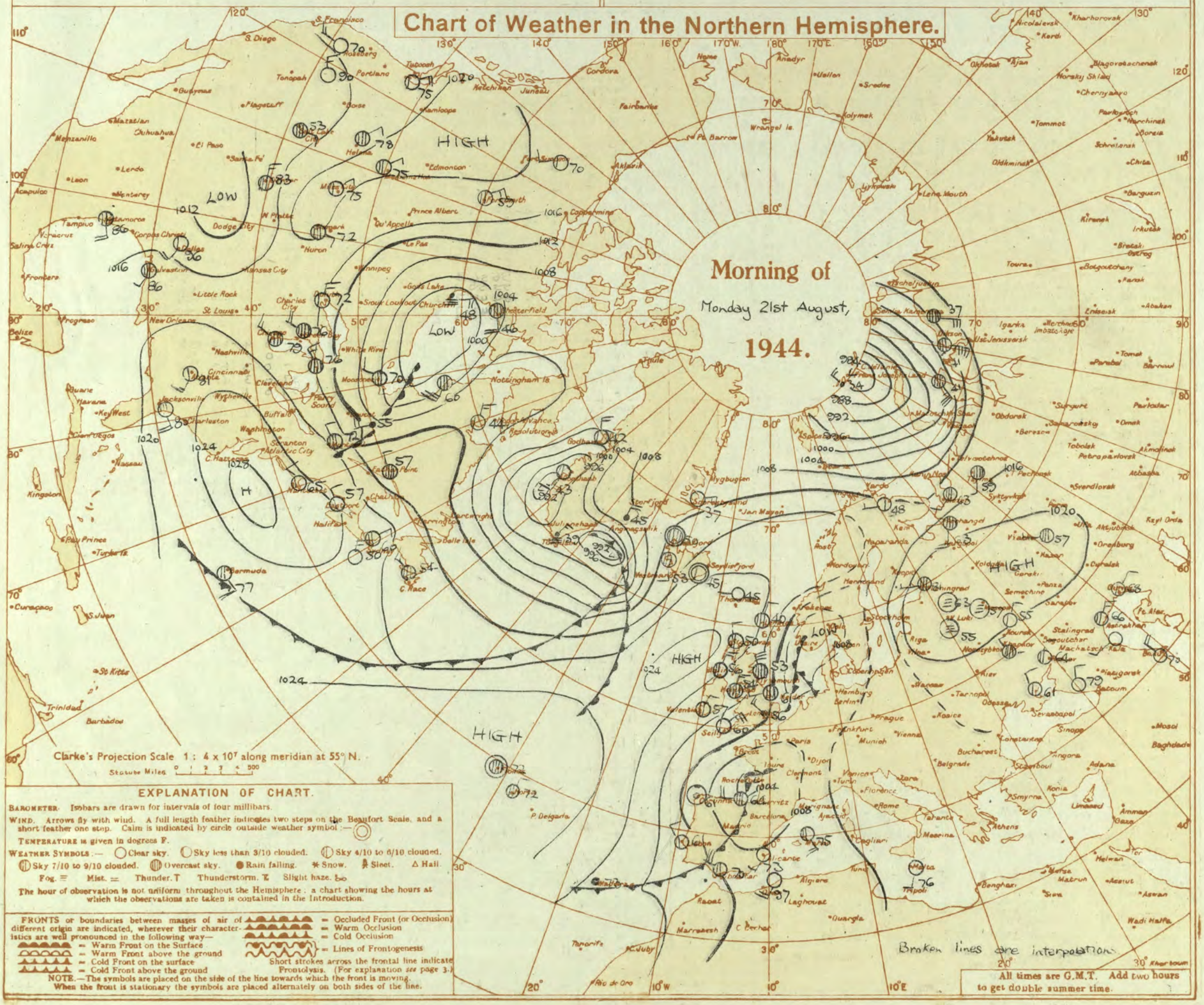
## GENERAL INFERENCE

An anticyclone off Northwest Ireland is moving Southeast and a depression over West France is moving Northeast. Weather will be cloudy in the East and Southeast with occasional rain or drizzle. Weather will be mainly fair in the West and Northwest. It will be cool generally and cold in the East and Southeast.

## FURTHER OUTLOOK

Fair temporarily in the West and North. Cloudy in the Southeast but some bright intervals.

# Chart of Weather in the Northern Hemisphere.




All times are G.M.T. Add two hours to get double summer time.

## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS :— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere ; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Monday 21st August 1944

No. 30223

## OBSERVATIONS at 00hr. G.M.T. 21st August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 12.2 | +2 | NW | 3 | do do | 56 | 53 | 6 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Boscombe Down | 417 | 13.4 | +4 | N | 4 | 20 | 55 | 49 | 6 | 5 | - | - | 8 | 5 | 8 | 14 | 25 |
| | Thorney Island | 10 | 11.8 | +4 | N | 4 | C | 58 | 52 | 7 | 5 | - | - | 8 | 8 | - | 18 | - |
| | Friston ... | - | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 11.0 | +10 | N | 2 | 20 | 56 | 54 | 6 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Manston ... | 140 | 10.1 | +2 | NW | 3 | do | 59 | 56 | 6 | 5 | - | - | 8 | 8 | - | 6 | - |
| 2 | North Weald | 244 | 11.5 | +8 | NW | 5 | do do | 54 | 53 | 5 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Felixstowe ... | 39.0 | +10 | NW | 3 | 20 | 60 | 58 | 6 | 5 | - | - | - | 8 | 8 | - | 9 | - |
| | Gorleston ... | 08.8 | +14 | W | 1 | 20 | 61 | 58 | 6 | 5 | - | - | - | 8 | 8 | - | 15 | - |
| | Mildenhall | 15 | 10.8 | +14 | NNW | 3 | do | 56 | 56 | 6 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Bircham Newton | 221 | 10.4 | +12 | NE | 5 | do do | 57 | 56 | 5 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Cranwell ... | 203 | 13.2 | +12 | ENE | 3 | ro ro | 53 | 53 | 6 | 5 | - | - | 8 | 8 | - | 4 | - |
| 3 | Cranfield ... | 340 | 12.7 | +2 | NNW | 4 | 20 | 54 | 51 | 6 | 5 | - | - | 7 | 5 | 8 | 6 | 15 |
| | Honiley ... | 427 | 13.7 | 0 | N | 4 | C | 53 | 49 | 7 | 5 | - | - | 8 | 8 | - | 13 | - |
| 4 | Little Rissington | 731 | 13.3 | -2 | NNW | 3 | c/r | 52 | 49 | 6 | 5 | - | - | 8 | 6 | - | 65 | - |
| | Shobden ... | 318 | 15.6 | +2 | NE | 3 | 20 | 54 | 47 | 6 | 5 | - | - | 8 | 8 | - | 24 | - |
| 5 | Bristol ... | 209 | 13.9 | +4 | NE | 4 | 20 | 55 | 48 | 6 | 5 | - | - | 7 | 7 | - | 21 | - |
| | Chivenor ... | 20 | 14.1 | +6 | NE | 3 | 20 | 57 | 49 | 6 | 5 | - | - | 2 | 2 | - | 18 | - |
| | Yeovilton | 50 | 13.2 | +6 | N | 3 | 20 | 57 | 51 | 6 | 5 | - | - | 8 | 3 | 8 | 20 | 25 |
| | Portland Bill | 32 | 12.4 | +8 | NE | 3 | C | 61 | 58 | 8 | 5 | - | - | 8 | 8 | - | 30 | - |
| | Exeter ... | 100 | 13.2 | +6 | NNE | 4 | 20 | 59 | 53 | 6 | 5 | - | - | 8 | 5 | - | 23 | - |
| | Plymouth ... | 86 | 13.2 | +10 | NE'E | 3 | bc | 59 | 53 | 7 | 5 | - | - | 3 | 3 | - | 30 | - |
| | St. Eval ... | 345 | 13.8 | +6 | NE | 3 | 20 | 56 | 53 | 6 | 5 | - | - | 3 | 3 | - | 10 | - |
| | The Lizard | 240 | 12.5 | +8 | NE | 4 | 20 | 59 | 55 | 6 | 5 | - | - | 5 | 5 | - | 20 | - |
| | Scilly, St. Marys | 163 | 12.8 | +8 | NE | 5 | bc | 60 | 56 | 7 | 2 | - | - | 3 | 3 | - | - | - |
| 6 | Fairwood ... | 268 | 14.7 | +4 | N | 2 | 20 | 51 | 48 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Pembroke ... | 142 | 15.5 | +4 | N'E | 3 | bc | 52 | 50 | 8 | 2 | - | - | 4 | 4 | - | 25 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 15.9 | +2 | - | 3 | b | 53 | 48 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Holyhead, Valley | 32 | 17.4 | +6 | NNE | 3 | C | 54 | 48 | 7 | 7 | - | - | 8 | 3 | 8 | 20 | 37 |
| | Hawarden | 15 | 16.4 | +8 | WNW | 3 | C | 54 | 47 | 7 | 5 | - | - | 6 | 6 | - | 25 | - |
| 8 | Manchester | 230 | 15.4 | +8 | NNE | 3 | C | 53 | 47 | 6 | 5 | - | - | 8 | 7 | - | 18 | - |
| | Squires Gate | 30 | 16.7 | +6 | NE | 3 | b | 52 | 46 | 7 | 5 | - | - | 7 | 7 | - | 45 | - |
| | Silloth ... | 25 | 18.7 | +6 | N'E | 4 | bc | 48 | 47 | 8 | - | - | 1 | 1 | 1 | - | - | - |
| 9 | Ashbourne ... | 590 | 14.4 | +6 | N | 4 | 20 | 51 | 47 | 6 | 5 | - | - | 6 | 4 | 6 | [illegible] | [illegible] |
| | Snaith ... | 30 | 15.2 | +10 | N'W | 4 | C | 53 | 50 | 7 | 5 | - | - | 8 | 3 | 8 | 11 | 25 |
| 10 | Spurn Head | 29 | 11.2 | 0 | N'E | 6 | ro ro | 55 | 55 | 6 | 5 | - | - | 8 | 8 | - | - | - |
| | Catterick (Sc.) | 195 | 16.1 | +12 | N'W | 5 | C | 51 | 45 | 7 | 5 | - | - | 8 | 8 | - | 30 | - |
| | Tynemouth | 108 | 17.4 | +6 | N | 6 | 0 | 53 | 51 | 7 | - | 2 | - | 8 | 8 | - | - | - |
| | Acklington | 138 | 17.0 | +16 | N | 4 | C | 51 | 44 | 7 | 5 | - | - | 7 | 4 | 7 | 20 | 72 |
| 11 | St. Abb's Head | 280 | 17.9 | +4 | N | 5 | 20 | 50 | 41 | 8 | 5 | - | - | 7 | 5 | 7 | 20 | - |
| | Leuchars ... | 31 | 19.6 | +4 | N | 2 | C | 51 | 49 | 8 | 5 | - | - | 7 | 7 | - | 35 | - |
| | Montrose ... | 22 | 20.1 | -2 | NNW | 3 | C | 50 | 41 | 8 | 5 | - | - | 8 | 8 | - | 40 | - |
| 12 | Abbotsinch | 19 | 19.9 | +14 | NE | 2 | bc | 49 | 41 | 8 | 5 | - | - | 3 | 3 | - | 35 | - |
| | Prestwick ... | 30 | 19.7 | +10 | NE | 2 | bc | 50 | 40 | 7 | 5 | - | - | 1 | 1 | - | 40 | - |
| | West Freugh | 53 | 18.6 | +6 | ENE | 3 | bc | 50 | 42 | 8 | 5 | - | - | 3 | 3 | - | 40 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 18.6 | +8 | NE'E | 4 | bc | 52 | 41 | 8 | 5 | 4 | - | 3 | 2 | 2 | 35 | - |
| 13A | Machrihanish | 35 | 19.6 | +10 | NE'N | 1 | bc | 51 | 41 | 8 | 5 | 7 | - | 3 | 2 | 3 | 25 | - |
| | Tiree ... | 44 | 20.9 | +0 | NNE | 3 | bc | 51 | 47 | 8 | - | 4 | - | 1 | 1 | - | 80 | - |
| | Oban ... | 74 | 21.2 | +14 | NNE | 1 | bc | 47 | 42 | 9 | 5 | - | - | 1 | 1 | - | 40 | - |
| 13B | Stornoway ... | 12 | 22.0 | +2 | N | 2 | bc | 50 | 41 | 8 | 5 | - | - | 4 | 4 | - | 35 | - |
| | Cape Wrath | 367 | 21.3 | +2 | N | 3 | C | 50 | 38 | 9 | 5 | 4 | - | 6 | [illegible] | 0 | - | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 19.2 | 0 | NNW | 3 | C | 49 | 43 | 9 | 5 | - | - | 8 | 8 | - | 35 | - |
| | Fraserburgh | 76 | 19.5 | +2 | N'W | 4 | C | 51 | 40 | 9 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Alness ... | 63 | 21.7 | +6 | - | 0 | C | 48 | 41 | 9 | 5 | - | - | 8 | 8 | - | 28 | - |
| | Wick ... | 114 | 20.6 | +2 | NNE | 4 | C | 49 | 38 | 8 | 5 | - | - | 8 | 8 | - | 28 | - |
| 16 | Hatston ... | 45 | 20.3 | 0 | N'E | 4 | C | 50 | 39 | 8 | 5 | - | - | 8 | 4 | 8 | 20 | 40 |
| | Sumburgh ... | 15 | 19.6 | +4 | N | 4 | C | 47 | 38 | 9 | 5 | - | - | 8 | 8 | - | 32 | - |
| | Sullom Voe | 12 | 19.6 | 0 | NNE | 4 | C | 49 | 36 | 8 | 5 | - | - | 5 | 5 | - | 25 | - |
| 17 | Blacksod Point | 18 | 21.9 | +10 | NE'N | 6 | b | 56 | 45 | 8 | 5 | - | - | 3 | 3 | - | 40 | - |
| 18 | Malin Head | 84 | 20.6 | +10 | NNE | 4 | bc | 56 | 48 | 8 | 4 | - | - | 4 | 4 | - | 15 | - |
| | Aldergrove | 294 | 19.3 | +10 | N | 1 | bc | 51 | 49 | 8 | 5 | - | - | 4 | 4 | - | 30 | - |
| | Cas. Archdale | 240 | 20.7 | +6 | N | 3 | bc | 49 | 47 | 7 | 5 | - | - | 1 | 1 | - | 20 | - |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 18.4 | +4 | NW'N | 2 | bc | 51 | 47 | 8 | 5 | - | - | 4 | 4 | - | 25 | - |
| 20 | Foynes ... | 3 | 20.0 | +14 | NNE | 4 | b | 54 | 46 | 8 | 5 | - | - | 2 | 2 | - | 25 | - |
| | Valentia ... | 30 | 19.6 | +14 | N'E | 2 | bc | 57 | 53 | 8 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Roches Point | 22 | 18.3 | +12 | NE'E | 2 | b | 55 | 54 | 8 | 5 | - | - | 2 | 2 | - | 25 | - |

## OBSERVATIONS at 06hr. G.M.T. 21st August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A. 0-9 (29) | Cloud Amount Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground. 0-9 (33) | Sea. 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 11.6 | +4 | E'S | 4 | C | 56 | 51 | 7 | 6 | - | - | 6 | 8 | - | 15 | - | 1 | * |
| Croydon ... | 12.8 | +2 | N | 4 | C | 55 | 52 | 7 | 5 | - | - | 8 | 8 | - | 12 | - | 1 | * |
| Boscombe Down | 13.8 | +2 | N | 2 | cld | 52 | 50 | 7 | 5 | - | - | 8 | 5 | 8 | 12 | 25 | 1 | * |
| Thorney Island | 12.0 | -2 | N'E | 4 | C | 56 | 52 | 7 | 5 | - | - | 8 | 8 | - | 10 | - | 0 | * |
| Friston ... | | | | | | | | | | | | | | | | | | * |
| Lympne ... | 11.0 | 0 | N | 2 | ro ro | 57 | 57 | 5 | 5 | - | - | 8 | 8 | - | 3 | - | 1 | § |
| Manston ... | 11.1 | +6 | SE | 5 | ro ro | 60 | 58 | 6 | 6 | - | - | 8 | 8 | - | 8 | - | 1 | * |
| North Weald | 13.0 | +6 | N'W | 5 | do do | 54 | 53 | 6 | 5 | - | - | 8 | 6 | 8 | 3 | 15 | 1 | * |
| Felixstowe ... | 11.5 | +6 | NNW | 4 | cld | 59 | 57 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 0 | 3 |
| Gorleston ... | 10.6 | +8 | N W | 4 | do | 61 | 60 | 6 | 6 | - | - | 8 | 8 | - | 10 | - | 1 | 2 |
| Mildenhall | 12.9 | +10 | N | 4 | cld | 55 | 55 | 7 | 5 | - | - | 8 | 8 | - | 5 | - | 1 | * |
| Bircham Newton | 13.6 | +16 | NNE | 5 | ro ro | 55 | 54 | 4 | 5 | - | - | 8 | 8 | - | 6 | - | 1 | * |
| Cranwell ... | 15.7 | +12 | NW | 3 | ro ro | 51 | 51 | 7 | 5 | - | - | 8 | 4 | 8 | 4 | 2 | 1 | * |
| Cranfield ... | 14.1 | +6 | N | 4 | cld | 53 | 50 | 6 | 5 | - | - | 8 | 7 | 8 | 6 | 8 | 1 | * |
| Honiley ... | 15.6 | +8 | N | 4 | C | 51 | 47 | 7 | 5 | - | - | 8 | 5 | 8 | 10 | 40 | 0 | * |
| Little Rissington | 14.7 | +6 | NNE | 4 | do | 50 | 48 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 | * |
| Shobden ... | 17.3 | +8 | N'E | 3 | C | 51 | 46 | 7 | 5 | - | - | 6 | 5 | - | 20 | - | 0 | * |
| Bristol ... | 15.1 | +6 | N'E | 3 | C | 54 | 48 | 7 | 5 | - | - | 7 | 7 | - | 18 | - | 1 | * |
| Chivenor ... | 15.2 | +2 | NE'N | 2 | C | 55 | 47 | 8 | 5 | - | - | 6 | 4 | 6 | 21 | 25 | 0 | * |
| Yeovilton | 14.9 | +6 | N'E | 4 | C | 55 | 50 | 7 | 5 | 7 | - | 8 | 4 | 5 | 15 | 25 | 0 | * |
| Portland Bill | 12.1 | -6 | NE | 4 | 0 | 56 | 54 | 8 | 5 | - | - | 8 | 8 | - | 45 | - | 1 | 3 |
| Exeter ... | 14.3 | +4 | N | 4 | C | 55 | 50 | 7 | 5 | - | - | 7 | 7 | - | 15 | - | 0 | * |
| Plymouth ... | 13.8 | 0 | NE | 3 | C | 54 | 49 | 7 | 2 | 9 | - | 5 | 3 | 4 | 30 | - | 0 | 2 |
| St. Eval ... | 15.3 | +4 | NE'E | 3 | bc | 51 | 47 | 7 | 8 | 7 | 4 | 4 | 1 | 4 | 20 | - | 0 | * |
| The Lizard | 13.7 | 0 | NNE | 4 | bc | 53 | 49 | 7 | 4 | 6 | - | 5 | 4 | 3 | 25 | 40 | 0 | * |
| Scilly, St. Marys | 14.2 | +10 | NE'N | 4 | C | 59 | 53 | 7 | 8 | 6 | - | 6 | 5 | 3 | 16 | 37 | 0 | 4 |
| Fairwood ... | 10.3 | +8 | N | 3 | C | 50 | 47 | 7 | 5 | - | - | 7 | 7 | - | 20 | - | 0 | * |
| Pembroke ... | 16.9 | +14 | NE | 2 | C | 53 | 47 | 8 | 8 | - | - | 5 | 5 | - | 25 | - | 0 | 3 |
| Aberporth ... | 17.2 | +10 | NE | 4 | C | 54 | 46 | 8 | 7 | 3 | - | 7 | 3 | 6 | 25 | 37 | 0 | 3 |
| Penrhos ... | 18.0 | +2 | NNE | 2 | bc | 51 | 44 | 8 | 8 | - | - | 4 | 3 | 4 | 30 | 37 | 0 | 1 |
| Holyhead, Valley | 19.1 | +12 | N'W | 2 | bc | 48 | 44 | 8 | 8 | - | - | 2 | 2 | - | 20 | - | 0 | 2 |
| Hawarden | 18.4 | +8 | NW | 3 | C | 50 | 45 | 7 | 5 | 7 | 4 | 4 | 4 | 3 | 20 | - | 0 | * |
| Manchester | [illegible] | +12 | N'W | 3 | bc | 47 | 45 | 6 | 5 | 3 | - | 3 | 2 | 3 | 35 | - | 1 | * |
| Squires Gate | 18.9 | +12 | NE | 3 | bc | 47 | 43 | 7 | [illegible] | - | - | 3 | 3 | - | 40 | - | 0 | 0 |
| Silloth ... | [illegible] | +10 | NNE | 4 | C | 50 | 42 | 9 | 5 | - | - | 1 | 3 | 1 | 20 | 40 | 0 | * |
| Ashbourne ... | 16.9 | +18 | N | 5 | C | 50 | 45 | 8 | 5 | 4 | - | - | 1 | [illegible] | 10 | 25 | 0 | * |
| Snaith ... | [illegible] | +8 | NNW | 4 | C | 54 | 48 | 8 | 5 | - | - | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 1 | * |
| Spurn Head | 14.4 | +6 | NNE | 6 | 20 | 56 | 51 | 7 | 5 | 7 | - | 8 | 5 | [illegible] | [illegible] | 51 | 1 | 4 |
| Catterick (Sc.) | 18.2 | +8 | WNW | 4 | C | 50 | 44 | 7 | 5 | 7 | - | 4 | 5 | [illegible] | [illegible] | - | 0 | * |
| Tynemouth | 19.3 | +10 | N | 6 | C | 52 | 45 | 7 | 8 | - | - | 7 | 7 | - | 18 | - | 1 | 4 |
| Acklington | 19.9 | +20 | NNE | 4 | C | 50 | 41 | 8 | 5 | - | - | 8 | 8 | - | 40 | - | 0 | * |
| St. Abb's Head | 19.9 | +10 | N | 4 | C | 50 | 38 | 7 | 5 | - | - | 7 | 7 | - | 20 | - | 0 | 4 |
| Leuchars ... | 21.4 | +14 | N | 2 | C | 49 | 40 | 8 | 5 | - | - | 7 | 5 | - | 55 | - | 0 | * |
| Montrose ... | 22.0 | +14 | NNW | 1 | C | 49 | 40 | 9 | 5 | - | - | 7 | 4 | 7 | 25 | 40 | 0 | * |
| Abbotsinch | 21.8 | +18 | - | 0 | C | 40 | 39 | 9 | 5 | - | - | 5 | [illegible] | - | 20 | - | 1 | * |
| Prestwick ... | 21.9 | +16 | ENE | 1 | 20 | 41 | 36 | 6 | 5 | 3 | - | 3 | 3 | 1 | 50 | - | 0 | 0 |
| West Freugh | 21.4 | +14 | NNW | 1 | bc | 38 | 35 | 7 | 5 | - | - | 2 | 2 | - | 30 | - | 0 | * |
| Eskdalemuir | 20.6 | +10 | NNE | 2 | C | 40 | 37 | 8 | 5 | - | - | 7 | 7 | - | 38 | - | 0 | * |
| Jurby, I. of Man | 20.6 | +14 | NE'N | 4 | bc | 49 | 39 | 8 | 5 | - | - | 7 | 7 | 2 | 25 | - | 0 | * |
| Machrihanish | 21.8 | +16 | - | 0 | bc | 44 | 40 | 8 | 5 | 7 | - | 7 | 1 | 1 | 30 | - | 0 | 1 |
| Tiree ... | 22.5 | +10 | NE'E | 1 | bc | 47 | 45 | 9 | 1 | - | - | 4 | 4 | - | 30 | - | 1 | |
| Oban ... | 22.4 | +2 | - | 0 | bc | 42 | 40 | 9 | 5 | - | - | 7 | 1 | - | 40 | - | 0 | 1 |
| Stornoway ... | 22.7 | +6 | N | 2 | C | 43 | 40 | 8 | 5 | 3 | - | 5 | 3 | 4 | 30 | 57 | 0 | 1 |
| Cape Wrath | 22.3 | +8 | NE | 3 | C | 49 | 38 | 9 | 5 | 3 | - | 5 | 3 | 0 | - | - | 0 | 3 |
| Dalwhinnie | 22.5 | +6 | NE | 4 | 0 | 44 | 35 | 8 | 5 | - | - | 8 | 8 | - | 28 | - | 0 | * |
| Aberdeen† ... | 20.6 | +12 | NW | 3 | C | 49 | 41 | 9 | 5 | - | - | 8 | 8 | - | - | - | 0 | 2 |
| Fraserburgh | 20.4 | +8 | N'W | 4 | C | 50 | 38 | 9 | 5 | - | - | 7 | 3 | 7 | 20 | 40 | 0 | 0 |
| Alness ... | 22.3 | +6 | NW | 1 | C | 48 | 41 | 9 | 5 | - | - | 7 | 7 | - | 30 | - | 0 | * |
| Wick ... | 21.7 | +10 | NNW | 2 | C | 49 | 39 | 9 | 5 | - | - | 7 | 7 | - | 40 | - | 0 | * |
| Hatston ... | 21.6 | +8 | N | 5 | propr | 49 | 46 | 8 | 8 | - | - | 7 | 4 | 7 | 18 | 25 | * | * |
| Sumburgh ... | 19.7 | +6 | N | 4 | C | 49 | 41 | 9 | 5 | - | - | 7 | 2 | 7 | 25 | 25 | 0 | 3 |
| Sullom Voe | 20.0 | +8 | N | 3 | C | 49 | 40 | 8 | 5 | - | - | 7 | 4 | 7 | 25 | 40 | 0 | * |
| Blacksod Point | 22.9 | +10 | N | 4 | bc | 56 | 44 | 8 | 8 | 5 | 6 | 4 | 3 | - | 40 | - | 0 | 3 |
| Malin Head | 21.9 | +14 | NE'N | 2 | bc | 55 | 43 | 8 | 4 | - | - | 3 | 3 | - | 25 | - | 1 | 2 |
| Aldergrove | 21.8 | +14 | ENE | 1 | bc | 44 | 40 | 8 | 5 | - | - | 3 | 1 | 3 | 25 | 40 | 0 | * |
| Cas. Archdale | 22.1 | +12 | NNE | 9 | df | 48 | 46 | 5 | 7 | 7 | - | 7 | 5 | - | 98 | - | 0 | * |
| Birr Castle ... | 21.2 | +12 | N | 1 | bc | 43 | 41 | 8 | 5 | - | - | 4 | 4 | - | 25 | - | 0 | * |
| Collinstown | 20.3 | +10 | ENE | 3 | C | 52 | 43 | 9 | 7 | - | - | 6 | 6 | - | 40 | - | 0 | * |
| Foynes ... | 21.4 | +10 | N | 3 | 0 | 49 | 41 | 8 | 5 | - | - | 1 | 1 | - | 40 | - | 0 | * |
| Valentia ... | 21.2 | +16 | NNE | 2 | b | 51 | 46 | 9 | 5 | - | 1 | 2 | 2 | - | 25 | - | 0 | |
| Roches Point | 20.3 | +12 | N'E | 3 | b | 51 | 49 | 8 | 5 | - | - | 1 | 1 | - | 25 | - | 1 | 3 |

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h-18h °F. (35) | Temperature Min. Night 18h-6h °F. (36) | Temperature Min. on Grass °F. (37) | Rainfall Day 6h-18h mm. (38) | Rainfall Night 18h-6h mm. (39) | Sunshine 20th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | [illegible] | [illegible] | 57 | 14 | - | 1.1 |
| Croydon ... | [illegible] | 55 | 54 | 27 | 0.1 | 0.5 |
| Boscombe Down | 64 | 51 | 45 | 33 | Tr | 0.1 |
| Thorney Island | 72 | 55 | 54 | 15 | - | * |
| Friston ... | | | | | | |
| Lympne ... | 74 | 55 | 53 | [illegible] | 0.5 | * |
| Manston ... | 72 | 57 | 57 | 0.6 | 1 | 3.5 |
| North Weald | [illegible] | 53 | * | * | * | * |
| Felixstowe ... | 67 | [illegible] | 58 | 5 | Tr | 1.2 |
| Gorleston ... | 64 | 59 | 56 | 7 | 0.5 | 0.1 |
| Mildenhall | 65 | 55 | 55 | 4 | 3 | 0.2 |
| Bircham Newton | 64 | 54 | 53 | 4 | 5 | * |
| Cranwell ... | 59 | 51 | 43 | 50 | 2 | 0.0 |
| Cranfield ... | 60 | 55 | 50 | 14 | - | * |
| Honiley ... | 70 | 50 | 50 | 8 | - | 0.5 |
| Little Rissington | 61 | 50 | 49 | 4 | Tr | * |
| Shobden ... | 61 | 51 | * | Tr | - | * |
| Bristol ... | 62 | 53 | 53 | 7 | - | 0.0 |
| Chivenor ... | 65 | 51 | 41 | 5 | - | * |
| Yeovilton | 66 | 54 | 53 | 1 | - | * |
| Portland Bill | 66 | 54 | * | - | - | * |
| Exeter ... | 67 | 55 | 48 | - | Tr | * |
| Plymouth ... | 68 | 54 | 49 | 9 | - | 7.3 |
| St. Eval ... | 68 | 50 | 47 | 4 | Tr | * |
| The Lizard | 70 | 51 | * | Tr | - | 10.6 |
| Scilly, St. Marys | 69 | 58 | * | - | - | 11.4 |
| Fairwood ... | - | 45 | 42 | 0.4 | - | * |
| Pembroke ... | 68 | 52 | * | Tr | - | 5.0 |
| Aberporth ... | 69 | 53 | 51 | 5 | Tr | 2.3 |
| Penrhos ... | 66 | 47 | 44 | - | - | * |
| Holyhead, Valley | 66 | 47 | 41 | - | Tr | * |
| Hawarden | 61 | 47 | 43 | 0.1 | - | 0.0 |
| Manchester | 58 | 46 | 43 | 7 | Tr | * |
| Squires Gate | 66 | 45 | 42 | - | - | * |
| Silloth ... | 61 | 44 | 39 | - | - | - |
| Ashbourne ... | 57 | 50 | 48 | 1 | - | * |
| Snaith ... | 56 | 50 | 50 | 20 | 0.4 | * |
| Spurn Head | 62 | 54 | * | 20 | 3 | |
| Catterick (Sc.) | 60 | 49 | 48 | 2 | Tr | 0.0 |
| Tynemouth | 60 | 52 | 50 | 2 | Tr | |
| Acklington | 57 | 50 | 48 | Tr | - | * |
| St. Abb's Head | 55 | [illegible] | * | - | - | * |
| Leuchars ... | 51 | 4[illegible] | 46 | | - | 8.5 |
| Montrose ... | 61 | 4[illegible] | 40 | | - | * |
| Abbotsinch | 62 | 3[illegible] | 35 | - | - | 4.1 |
| Prestwick ... | 61 | 37 | 34 | Tr | - | 7.6 |
| West Freugh | 62 | [illegible] | [illegible] | - | - | * |
| Eskdalemuir | 57 | [illegible] | [illegible] | - | - | 3.6 |
| Jurby, I. of Man | 62 | [illegible] | [illegible] | - | - | * |
| Machrihanish | 61 | [illegible] | 39 | - | - | * |
| Tiree ... | 61 | 43 | [illegible] | - | - | |
| Oban ... | 59 | [illegible] | * | - | - | * |
| Stornoway ... | 57 | [illegible] | 35 | - | Tr | 10.7 |
| Cape Wrath | 69 | [illegible] | * | - | - | * |
| Dalwhinnie | 52 | 43 | 41 | - | - | 1.4 |
| Aberdeen† ... | 58 | 48 | 46 | - | - | 8.6 |
| Fraserburgh | 57 | 49 | 47 | - | - | * |
| Alness ... | 60 | 43 | 35 | Tr | * | * |
| Wick ... | 57 | 48 | 46 | - | Tr | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 53 | 46 | 39 | - | - | 0.5 |
| Sullom Voe | 53 | 47 | 45 | Tr | - | * |
| Blacksod Point | 62 | 48 | * | - | - | * |
| Malin Head | 59 | 53 | | 0.3 | - | 9.5 |
| Aldergrove | 61 | 45 | 36 | - | - | 4.9 |
| Cas. Archdale | 62 | 45 | 37 | - | - | * |
| Birr Castle ... | 66 | 41 | - | - | - | 2.6 |
| Collinstown | 62 | 50 | 45 | - | Tr | 3.1 |
| Foynes ... | 67 | 48 | 42 | Tr | - | 2.4 |
| Valentia ... | 67 | 50 | 45 | Tr | 0.1 | 5.1 |
| Roches Point | 67 | 50 | - | 0.3 | - | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Tuesday August 22 1944

No. 30224

## OBSERVATIONS at 12h. G.M.T. 21st August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Med. (10) | High (11) | Amount Total 0-9 (12) | Low A 0-9 (13) | Low B 0-9 (14) | Height of Base Hundreds of feet A (15) | B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 13.3 | +2 | NNE | 4 | ido | 58 | 53 | 7 | 5 | - | - | 8 | 6 | 8 | 15 | 25 |
| | Croydon | 13.2 | +2 | N'W | 3 | dodo | 58 | 55 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Boscombe Down | 14.2 | +20 | NNE | 5 | c | 57 | 50 | 7 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Thorney Island | 12.1 | -2 | NNE | 5 | c | 61 | 54 | 7 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 11.2 | +2 | N | 4 | rr | 62 | 61 | 5 | 5 | 7 | - | 8 | 4 | 8 | 5 | . |
| | Manston | 11.2 | +6 | NE | 3 | r.r | 62 | 60 | 6 | 5 | - | - | 8 | 5 | 8 | 5 | 8 |
| 2 | North Weald | 14.7 | +12 | N'E | 5 | dodo | 57 | 55 | 5 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| | Felixstowe | 12.0 | +6 | NNE | 5 | dodo | 61 | 59 | 6 | 5 | - | - | 8 | 8 | . | 9 | |
| | Gorleston | 13.2 | +8 | N | 6 | cq | 61 | 57 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Mildenhall | 14.2 | +4 | NE | 5 | ido | 58 | 54 | 7 | 5 | - | - | 8 | 6 | 8 | 8 | 15 |
| | Bircham Newton | 15.4 | +6 | NE | 5 | dodo | 56 | 52 | 6 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Cranwell | 17.1 | +8 | NNE | 4 | c | 58 | 50 | 7 | 5 | - | . | 8 | 5 | 8 | 10 | 25 |
| 3 | Cranfield | 15.0 | +6 | NNE | 4 | c/d | 57 | 50 | 7 | 5 | - | - | 8 | 6 | 8 | 6 | 15 |
| | Honiley | 16.7 | +6 | N | 4 | zo | 55 | 48 | 6 | 5 | - | - | 8 | 4 | 8 | 12 | 25 |
| 4 | Little Rissington | 15.4 | +2 | NE | 4 | c/d | 52 | 51 | 7 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Shobden | 17.5 | +4 | NE | 4 | c | 58 | 49 | 6 | 5 | - | - | 7 | 5 | 7 | 20 | 40 |
| 5 | Bristol | 16.3 | -2 | NE'N | 4 | c/d | 56 | 45 | 6 | 5 | . | - | 8 | 8 | - | 20 | - |
| | Chivenor | 15.6 | +2 | NE'N | 3 | c.bc | 61 | 48 | 8 | 5 | 6 | - | 5 | 4 | 3 | 20 | 40 |
| | Yeovilton | 14.4 | 0 | N | 4 | c | 58 | 52 | 7 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Portland Bill | 12.0 | +2 | NE | 4 | c | 58 | 56 | 8 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 14.5 | +4 | N | 5 | o | 58 | 50 | 7 | 5 | - | - | 8 | 8 | . | 12 | - |
| | Plymouth | 14.2 | +2 | NE | 5 | c | 59 | 50 | 7 | 5 | - | - | 7 | 7 | . | 25 | - |
| | St. Eval | 15.6 | +2 | NNE | 5 | c | 59 | 51 | 7 | 5 | . | - | 7 | 4 | 7 | 10 | 25 |
| | The Lizard | 13.3 | +2 | NNE | 4 | c | 56 | 50 | 7 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Scilly, St. Marys | 15.1 | +4 | NE'N | 6 | c.bc | 60 | 49 | 8 | 8 | - | - | 5 | 5 | . | 22 | - |
| 6 | Fairwood | 16.4 | +2 | NE'N | 4 | c | 60 | 47 | 8 | 4 | . | - | 7 | 7 | . | 25 | - |
| | Pembroke | 18.0 | +4 | NE | 4 | cq | 60 | 47 | 8 | 8 | - | - | 7 | 7 | - | 25 | - |
| | Aberporth | 17.8 | +2 | NE'N | 4 | c | 58 | 46 | 8 | 5 | . | - | 6 | 6 | - | 30 | - |
| 7 | Penrhos | 18.7 | +2 | N | 4 | c.bc | 60 | 53 | 8 | 4 | - | - | 5 | 5 | - | 40 | - |
| | Holyhead, Valley | 20.3 | +6 | NE'N | 4 | c.bc | 57 | 45 | 8 | 8 | - | - | 5 | 5 | - | 30 | 8 |
| | Hawarden | 18.7 | 0 | NNE | 4 | c | 60 | 46 | 7 | 8 | . | - | 7 | 7 | - | 25 | . |
| 8 | Manchester | 18.7 | +10 | NE | 4 | c | 57 | 47 | 7 | 1 | - | - | 6 | 6 | . | 25 | - |
| | Squires Gate | 19.6 | +4 | NE | 4 | bc | 61 | 44 | 8 | 7 | . | - | 4 | 4 | 2 | 20 | 25 |
| | Silloth | 21.7 | 0 | NNE | 4 | c | 54 | 41 | 9 | 5 | - | - | 8 | 3 | 8 | 25 | 40 |
| 9 | Ashbourne | 18.1 | +8 | N | 4 | zo | 55 | 47 | 6 | 5 | . | - | 7 | 3 | 7 | 9 | 25 |
| | Snaith | 18.9 | +6 | NE | 5 | c | 58 | 40 | 9 | 5 | - | - | 7 | 4 | 7 | 18 | 25 |
| 10 | Spurn Head | 17.2 | +10 | N'E | 6 | cq | 58 | 53 | 7 | 7 | - | - | 7 | 7 | - | 25 | . |
| | Catterick (Sc.) | 20.4 | +12 | N | 5 | c | 55 | 45 | 7 | 7 | . | - | 8 | 4 | 8 | 20 | 40 |
| | Tynemouth | 21.2 | +12 | N | 6 | c | 54 | 47 | 7 | 8 | - | - | 6 | 6 | - | 20 | - |
| | Acklington | 21.3 | +8 | N | 5 | c | 55 | 41 | 8 | 5 | . | - | 8 | 3 | 8 | 25 | 40 |
| 11 | St. Abb's Head | 21.8 | +4 | N | 4 | c | 50 | 41 | 9 | 5 | - | - | 8 | 4 | 4 | 20 | 25 |
| | Leuchars | 22.7 | +4 | NNE | 2 | c | 53 | 42 | 8 | 5 | - | - | 8 | 5 | 8 | 20 | 40 |
| | Montrose | 23.2 | +2 | N'W | 4 | c | 55 | 40 | 9 | 5 | 7 | - | 8 | 2 | 6 | 20 | 40 |
| 12 | Abbotsinch | 22.9 | 0 | NNE | 1 | c | 54 | 39 | 9 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Prestwick | 23.0 | +2 | NE'E | 3 | c | 55 | 36 | 7 | 5 | - | - | 7 | 3 | 6 | 20 | 40 |
| | West Freugh | 21.9 | 0 | NE | 3 | c.bc | 56 | 41 | 8 | 7 | 7 | - | 5 | 7 | - | 30 | - |
| | Eskdalemuir | 21.9 | +4 | NNE | 4 | c | 51 | 39 | 8 | 5 | - | - | 8 | 8 | - | 25 | . |
| | Jurby, I. of Man | 22.2 | +6 | NNE | 4 | c | 54 | 39 | 9 | 5 | - | - | 7 | 7 | - | 35 | - |
| 13A | Machrihanish | 22.9 | +2 | NW | 2 | bc | 56 | 47 | 8 | 7 | - | - | 4 | 2 | 4 | 30 | 40 |
| | Tiree | 23.8 | +2 | SE | 3 | bc | 56 | 45 | 9 | 1 | . | - | 2 | - | - | 40 | - |
| | Oban | 23.6 | +2 | NNW | 3 | bbc | 57 | 45 | 9 | 5 | - | - | 3 | 3 | - | 30 | - |
| 13B | Stornoway | 23.1 | +4 | SE | 1 | bc | 57 | 43 | 9 | 5 | - | - | 4 | 4 | . | 30 | - |
| | Cape Wrath | 23.3 | +2 | NNW | 2 | bc | 53 | 41 | 9 | 7 | 4 | - | 4 | 3 | . | 40 | . |
| 15 | Dalwhinnie | 23.5 | 0 | NE | 4 | o | 48 | 39 | 8 | 5 | . | - | 8 | 8 | . | 28 | - |
| | Aberdeen | 22.3 | +4 | NNW | 3 | c/pr | 53 | 42 | 8 | 4 | 3 | - | 8 | 5 | 8 | 25 | 57 |
| | Fraserburgh | 22.5 | +6 | N'E | 4 | c | 53 | 41 | 9 | 5 | - | - | 8 | 3 | 8 | 25 | 40 |
| | Alness | 23.4 | 0 | N | 3 | c | 55 | 40 | 9 | 7 | - | - | 7 | 2 | 7 | 25 | 40 |
| | Wick | 22.7 | 0 | N'E | 2 | c | 55 | 42 | 9 | 8 | - | - | 7 | 3 | 7 | 25 | 57 |
| 16 | Hatston | 22.5 | +4 | NNW | 2 | o | 54 | 43 | 9 | 7 | - | - | 7 | 4 | 6 | 25 | 40 |
| | Sumburgh | 21.6 | +8 | NNW | 3 | c | 52 | 43 | 9 | 8 | - | - | 7 | 3 | 7 | 18 | 40 |
| | Sullom Voe | 21.3 | +6 | NNW | 4 | c | 52 | 43 | 8 | 7 | . | - | 8 | 4 | 8 | 20 | 40 |
| 17 | Blacksod Point | 23.3 | -2 | N'E | 4 | b.bc | 60 | 48 | 9 | 8 | . | - | 3 | 3 | . | 40 | - |
| 18 | Malin Head | 22.5 | +4 | NNE | 2 | b.bc | 55 | 43 | 9 | 4 | . | - | 3 | 3 | - | 25 | - |
| | Aldergrove | 22.7 | +2 | NE'N | 3 | bc | 57 | 43 | 9 | 5 | . | - | 4 | 4 | . | 35 | - |
| | Cas. Archdale | 22.3 | -18 | NE | 2 | bc | 59 | 48 | 9 | 8 | 6 | 1 | 4 | 4 | 3 | 20 | 40 |
| 19 | Birr Castle | 21.0 | -2 | N | 2 | bc | 62 | 46 | 8 | 4 | - | - | 4 | 4 | - | 25 | - |
| | Collinstown | 21.6 | +6 | NE'N | 5 | c.bc | 55 | 41 | 9 | 7 | - | - | 5 | 5 | - | 35 | - |
| 20 | Foynes | 21.6 | -2 | NE'N | 4 | bc | 60 | 44 | 9 | 4 | - | - | 4 | 4 | . | 35 | . |
| | Valentia | 21.7 | -2 | NE'N | 3 | b | 52 | 47 | 9 | 7 | 4 | - | 3 | 3 | - | 35 | - |
| | Roches Point | 20.6 | +2 | NNE | 3 | c | 59 | 57 | 8 | 8 | - | - | 6 | 6 | - | 15 | - |

## OBSERVATIONS at 18h. G.M.T. 21st August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A 0-9 (29) | Low B 0-9 (30) | Height of Base Hundreds of feet A (31) | B (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 13.8 | +2 | NNE | 4 | dodo | 57 | 53 | 5 | 5 | 2 | - | 7 | 5 | 7 | 12 | 25 | 1 | * |
| Croydon | 13.3 | -2 | N | 3 | roro | 57 | 55 | 6 | 5 | 2 | - | 8 | 6 | 8 | 5 | 15 | 1 | * |
| Boscombe Down | 14.2 | 0 | NE | 5 | iro | 57 | 50 | 8 | 5 | - | - | 8 | 6 | 8 | 8 | 15 | 0 | * |
| Thorney Island | 12.2 | 0 | NNE | 5 | dodo | 58 | 55 | 6 | 5 | - | - | 8 | 4 | 8 | 5 | 8 | 1 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 11.4 | +2 | NNE | 4 | zo | 62 | 60 | 6 | 5 | . | - | 8 | 6 | 8 | 5 | 15 | 1 | § 4 |
| Manston | 11.3 | +8 | NNE | 5 | c/r | 62 | 60 | 6 | 5 | - | - | 8 | 6 | 8 | 5 | 15 | 1 | * |
| North Weald | 12.4 | 0 | NNE | 5 | roro | 56 | 49 | 5 | 5 | - | - | 8 | 8 | - | 6 | - | 1 | * |
| Felixstowe | 13.2 | +4 | NNE | 5 | zo | 60 | 58 | 6 | 5 | - | - | 8 | 8 | - | 9 | - | 1 | 4 |
| Gorleston | 13.8 | +4 | N | 6 | iro | 60 | 58 | 7 | 6 | - | - | 8 | 8 | - | 8 | - | 1 | 5 |
| Mildenhall | 15.0 | -2 | NNE | 4 | c/d | 58 | 55 | 6 | 5 | - | - | 8 | 6 | 8 | 10 | 15 | 1 | * |
| Bircham Newton | 16.0 | +2 | NNE | 5 | c | 57 | 50 | 7 | 5 | - | - | 8 | 6 | 8 | 6 | 15 | 1 | * |
| Cranwell | 17.8 | +6 | N'E | 5 | c | 57 | 51 | 7 | 5 | 7 | - | 6 | 4 | 5 | 18 | 40 | 1 | * |
| Cranfield | 15.5 | 0 | NNE | 5 | c | 56 | 50 | 7 | 5 | - | - | 8 | 6 | 8 | 8 | 15 | 1 | * |
| Honiley | 16.6 | 0 | N'E | 4 | c | 56 | 48 | 7 | 5 | . | - | 8 | 3 | 8 | 20 | 40 | 0 | * |
| Little Rissington | 15.2 | -2 | NNE | 5 | c | 55 | 48 | 8 | 5 | 2 | - | 8 | 4 | 8 | 10 | - | 1 | * |
| Shobden | 17.4 | +2 | NNE | 4 | c | 57 | 47 | 7 | 5 | - | - | 8 | 4 | 8 | 35 | 40 | 0 | * |
| Bristol | 15.0 | 0 | NE | 4 | zo | 58 | 49 | 6 | 5 | - | - | 8 | 5 | 8 | 20 | 25 | 0 | * |
| Chivenor | 15.2 | -2 | ENE | 4 | c | 60 | 49 | 7 | 5 | - | - | 7 | 4 | 7 | 20 | 40 | 0 | * |
| Yeovilton | 14.0 | -2 | NE'N | 4 | c | 59 | 52 | 7 | 5 | 2 | - | 8 | 7 | 8 | 18 | - | 0 | * |
| Portland Bill | 11.4 | -4 | NE | 5 | rr | 58 | 56 | 7 | 5 | - | - | 8 | 8 | - | 25 | - | 1 | 4 |
| Exeter | 14.0 | -2 | NE | 4 | zo | 58 | 52 | 6 | 5 | . | - | 8 | 3 | 8 | 15 | 40 | 0 | * |
| Plymouth | 14.1 | +2 | NE | 4 | rr | 57 | 52 | 6 | 5 | . | - | 8 | 6 | 2 | 20 | 40 | 1 | 3 |
| St. Eval | 14.8 | -2 | NNE | 4 | c | 59 | 51 | 7 | 5 | . | - | 8 | 4 | 8 | 10 | 25 | 0 | * |
| The Lizard | 14.5 | +6 | NNE | 4 | zo | 60 | 50 | 6 | 5 | - | - | 7 | 7 | - | 15 | - | 0 | 4 |
| Scilly, St. Marys | 14.8 | 0 | NNE | 5 | c | 59 | 51 | 8 | 8 | - | - | 8 | 8 | - | 22 | - | 0 | 5 |
| Fairwood | 16.4 | +2 | ENE | 4 | c | 59 | 45 | 7 | 5 | 6 | - | 7 | 6 | 7 | 35 | - | 0 | * |
| Pembroke | 17.3 | -2 | NNE | 5 | bcq | 59 | 50 | 8 | 2 | 4 | - | 4 | 3 | 3 | 25 | - | 0 | 2 |
| Aberporth | 17.3 | +2 | NE | 5 | zo | 60 | 46 | 6 | 5 | 3 | - | 5 | 5 | 2 | 40 | . | 0 | 4 |
| Penrhos | 18.4 | -2 | N | 5 | bc | 59 | 46 | 8 | 4 | . | - | 4 | 3 | 4 | 35 | 40 | 0 | 3 |
| Holyhead, Valley | 20.3 | +2 | NNE | 3 | b | 58 | 46 | 8 | 1 | - | - | 2 | 2 | - | 40 | . | 0 | 2 |
| Hawarden | 19.4 | +4 | NE | 3 | c | 57 | 45 | 7 | 5 | - | - | 8 | 6 | 8 | 25 | 40 | 0 | * |
| Manchester | 19.2 | +6 | NE | 4 | zo | 55 | 46 | 6 | 5 | . | - | 7 | 4 | 7 | 20 | 40 | 0 | * |
| Squires Gate | 20.2 | +6 | E'N | 4 | c | 58 | 44 | 8 | 5 | - | - | 7 | 7 | - | 30 | . | 0 | * |
| Silloth | 22.4 | +2 | NNE | 4 | c | 53 | 43 | 9 | 5 | - | - | 6 | 6 | - | 45 | . | 0 | * |
| Ashbourne | 18.5 | +6 | NNE | 5 | c | 55 | 46 | 7 | 5 | . | 1 | 6 | 4 | 5 | 10 | 25 | 0 | * |
| Snaith | 20.0 | +6 | NNE | 4 | c | 56 | 47 | 8 | 5 | - | - | 7 | 4 | 7 | 20 | 40 | 1 | * |
| Spurn Head | 18.6 | +6 | NNE | 6 | cq | 57 | 48 | 7 | 7 | - | - | 6 | 6 | - | 25 | - | 0 | |
| Catterick (Sc.) | 21.2 | +6 | N | 5 | c | 53 | 46 | 7 | 7 | - | - | 7 | 3 | 7 | 20 | 57 | 0 | |
| Tynemouth | 22.4 | +2 | N | 5 | c | 54 | 45 | 8 | 8 | - | - | 6 | 6 | - | 22 | - | 0 | 4 |
| Acklington | 22.2 | 0 | N | 4 | c | 53 | 43 | 8 | 5 | - | - | 8 | 5 | 7 | 20 | 40 | 0 | * |
| St. Abb's Head | 23.1 | +4 | NNE | 2 | c | 52 | 42 | 9 | 7 | 7 | - | 8 | 3 | 4 | 25 | 40 | 0 | 3 |
| Leuchars | 23.7 | +6 | E | 2 | c | 54 | 44 | 8 | 5 | - | - | 8 | 4 | 8 | 20 | 40 | 1 | * |
| Montrose | 24.6 | +6 | NNE | 4 | c | 53 | 42 | 9 | 5 | - | - | 7 | 1 | 7 | 10 | 40 | 0 | * |
| Abbotsinch | 23.1 | +4 | E | 1 | c | 56 | 42 | 9 | 5 | - | - | 7 | 7 | - | 35 | - | 1 | * |
| Prestwick | 23.4 | +2 | ENE | 3 | c | 56 | 39 | 7 | 5 | - | - | 7 | 3 | 6 | 20 | 40 | 0 | * |
| West Freugh | 22.2 | +2 | ENE | 3 | c | 57 | 41 | 8 | 5 | - | - | 6 | 6 | - | 30 | - | 0 | * |
| Eskdalemuir | 22.6 | +4 | NE'N | 3 | c | 51 | 40 | 8 | 5 | . | - | 6 | 6 | - | 35 | . | 0 | * |
| Jurby, I. of Man | 22.0 | -2 | NE'N | 4 | c | 55 | 41 | 9 | 5 | . | - | 7 | 7 | - | 30 | - | 0 | * |
| Machrihanish | 23.4 | +6 | W | 1 | bc | 56 | 44 | 8 | 5 | 4 | - | 4 | 3 | 4 | 30 | 40 | 0 | 2 |
| Tiree | 24.0 | 0 | N'E | 2 | b | 55 | 47 | 9 | 4 | - | - | 1 | 1 | - | 40 | - | 0 | 1 |
| Oban | 23.4 | -2 | N | 1 | b | 58 | 48 | 9 | 5 | - | - | 2 | 2 | - | 40 | - | 0 | 1 |
| Stornoway | 23.4 | +2 | - | 0 | b.bc | 55 | 43 | 9 | 5 | 4 | - | 3 | 3 | - | 30 | - | 0 | 1 |
| Cape Wrath | 25.1 | +12 | NW | 1 | bc | 53 | 42 | 9 | 7 | 4 | - | 4 | 3 | - | 40 | - | 0 | 1 |
| Dalwhinnie | 23.8 | +2 | NE | 3 | bc | 51 | 36 | 8 | 7 | 3 | - | 4 | 3 | 4 | 30 | - | 0 | * |
| Aberdeen | 23.7 | +6 | N'E | 2 | c | 54 | 38 | 8 | 5 | - | - | 7 | 1 | 7 | - | 40 | 0 | 3 |
| Fraserburgh | 24.3 | +10 | N'E | 3 | c | 53 | 42 | 9 | 5 | - | - | 7 | 3 | 7 | 30 | 40 | 0 | - |
| Alness | 23.8 | +2 | ESE | 2 | bc | 56 | 43 | 9 | 5 | - | - | 4 | 4 | . | 40 | . | 0 | * |
| Wick | 24.1 | +4 | N | 2 | c | 53 | 42 | 9 | 4 | - | - | 6 | 6 | - | 43 | - | 0 | * |
| Hatston | 23.8 | +2 | W'N | 3 | b.bc | 54 | 41 | 9 | 1 | - | - | 3 | 3 | 2 | 25 | 40 | * | * |
| Sumburgh | 23.3 | +10 | NW | 3 | c | 52 | 46 | 8 | 5 | - | - | 6 | 6 | - | 35 | - | 0 | 3 |
| Sullom Voe | 22.8 | +10 | WNW | 3 | c.bc | 53 | 42 | 8 | 7 | - | - | 3 | 4 | 5 | 25 | 40 | 0 | * |
| Blacksod Point | 23.2 | -2 | N'E | 3 | b | 58 | 46 | 8 | 1 | - | - | 2 | 2 | - | 40 | - | 1 | 3 |
| Malin Head | 23.2 | +6 | NNE | 2 | b | 54 | 42 | 9 | - | . | - | 0 | 0 | 0 | - | - | 1 | 2 |
| Aldergrove | 22.9 | +2 | NE | 3 | b | 55 | 43 | 8 | 1 | . | - | 2 | 2 | - | 35 | - | 0 | * |
| Cas. Archdale | 22.6 | +2 | NNE | 1 | b | 60 | 56 | 9 | 1 | - | - | 3 | 3 | - | 30 | - | 0 | * |
| Birr Castle | 20.5 | -2 | N | 2 | b.bc | 61 | 45 | 8 | 1 | - | - | 3 | 3 | - | 25 | - | 0 | * |
| Collinstown | 21.5 | 0 | NE | 4 | b | 54 | 42 | 8 | 1 | - | - | 1 | 1 | - | 40 | - | 0 | * |
| Foynes | 20.6 | -2 | NE | 3 | bc | 63 | 47 | 9 | 7 | - | - | 4 | 4 | . | 46 | - | 0 | * |
| Valentia | 21.1 | -2 | N'E | 4 | b.bc | 61 | 46 | 9 | 1 | - | 1 | 3 | 3 | - | 35 | - | 0 | 3 |
| Roches Point | 19.5 | -2 | NNE | 3 | b.bc | 62 | 57 | 8 | 1 | . | - | 3 | 3 | - | 40 | - | 1 | 3 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 21st (41) | 12h.–18h. 21st (42) | 18h. to 00h. 21st (43) | 00h.–06h. 22nd (44) |
|---|---|---|---|---|
| Kew | idpcido | cidorodoc | docirc | cdodo |
| Croydon | simdmo | cdodomororo | rorottmo | cddm |
| Boscombe Down | ccido | cidocir | ciprcmo | ciromoro |
| Thorney Island | c | crorocironc | c | crorocmo |
| Friston | | | | |
| Lympne | croromo | crorom | cm | crodomom |
| Manston | croromo | crrirom | croromo | cr/idmo |
| North Weald | cid.cdomo | cdodomo | cmocdomo | cmodoff |
| Felixstowe | cdodomo | cddedrom | cdlmocm | cmoocmo |
| Gorleston | pqz | pqriro | oqriro | oqir |
| Mildenhall | ccdodo | cdodocmo | cdodomoc | cmoiror |
| Bircham Newton | odoromo | cdodomc | cido | ciroir |
| Cranwell | cmoc | c | c | ccbodomo |
| Cranfield | ciromoc | c | cdrmorrc | cmorrcd |
| Honiley | cm | czoc | ccdodo | c |
| Little Rissington | cdodmoc | cciromo | ccroromoc | ooidoc |
| Shobden | cmobcccmo | cmoc | cczo | czoidocm |
| Bristol | cmoido | cmozo | czomododo | cidomorr |
| Chivenor | c | c | ccrrmo | crorormo |
| Yeovilton | c | oc | ciroRirc | ciroRr |
| Portland Bill | c | prr | orr | orr |
| Exeter | c | cmc | rroroo | idroror |
| Plymouth | c | cmorr | rriro | rrirc |
| St. Eval | bqc | c | ccrrmo | crrdrio |
| The Lizard | c | cmz | omrr | orr |
| Scilly, St. Marys | c | cbcc | corr | rrirc |
| Fairwood | cjpbcc | c | cciro | crorociro |
| Pembroke | cq | bcq | bc | croro |
| Aberporth | c | cbcbzo | | cprc |
| Penrhos | c | bcyb | bbcmyb | bzowbc |
| Holyhead, Valley | bcc | cbcy | bccmo | c |
| Hawarden | czobczoy | cyc | cmobcb | bcmo |
| Manchester | bcmozo | cczo | cbczbmo | bmozo |
| Squires Gate | bcy | bcycyc | cbcb | bzobc |
| Silloth | c | c | crbcc | c |
| Ashbourne | ccmo | czoc | cczo | czoc |
| Snaith | c | cv | cv | cv |
| Spurn Head | cq | cq | cq | c |
| Catterick (Sc.) | c | c | c | c |
| Tynemouth | c | cq | c | c |
| Acklington | c | cyc | c | cbcc |
| St. Abb's Head | cqc | c | cbc | bcc |
| Leuchars | c | ccyc | cbc | bbcbbc |
| Montrose | ccu | cuc | cbcc | cbc |
| Abbotsinch | bcwcy | cy | cybcmo | bmofy |
| Prestwick | bcmocy | cy | cyb | bcbmow |
| West Freugh | bbcbcy | bcycc | cycbcc | cbcbc |
| Eskdalemuir | c | c | | c |
| Jurby, I. of Man | ocbcy | cy | cybc | cbbcc |
| Machrihanish | bc | bc | cbcb | bbc |
| Tiree | bcbcuyb | bu | bvb | bbw |
| Oban | bbucvy | bu | bvbcb | b |
| Stornoway | bcbyc | bcybc | bcbbc | bcw |
| Cape Wrath | cbc | cc | bc | mc |
| Dalwhinnie | o | obc | * | bcb |
| Aberdeen | cucprojp | ccy | | bcw |
| Fraserburgh | ccdoccdoc | cybcyc | cbcb | bw |
| Alness | ccy | cybc | bccbcb | c |
| Wick | proproc | oproc | b | b |
| Hatston | prc | cb | bcb | b |
| Sumburgh | co | cu | cvbcv | bvbcv |
| Sullom Voe | c | c | cbc | bc |
| Blacksod Point | b | b | b | b |
| Malin Head | b | b | bc | bc |
| Aldergrove | bcwbbc | bcbyb | bcmobw | bwcw |
| Cas. Archdale | cbbc | bc | bcbw | bbmobw |
| Birr Castle | b | b | | c |
| Collinstown | b | b | bc | c |
| Foynes | b | b | b | b |
| Valentia | b | b | b | b |
| Roches Point | c | b | b | b |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil  1=Trace  2=1/10  3=1/4  4=1/2  5=3/4  6=9/10  7=More than 9 but with openings.  8=Completely covered.  9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A=Lowest cloud present. B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

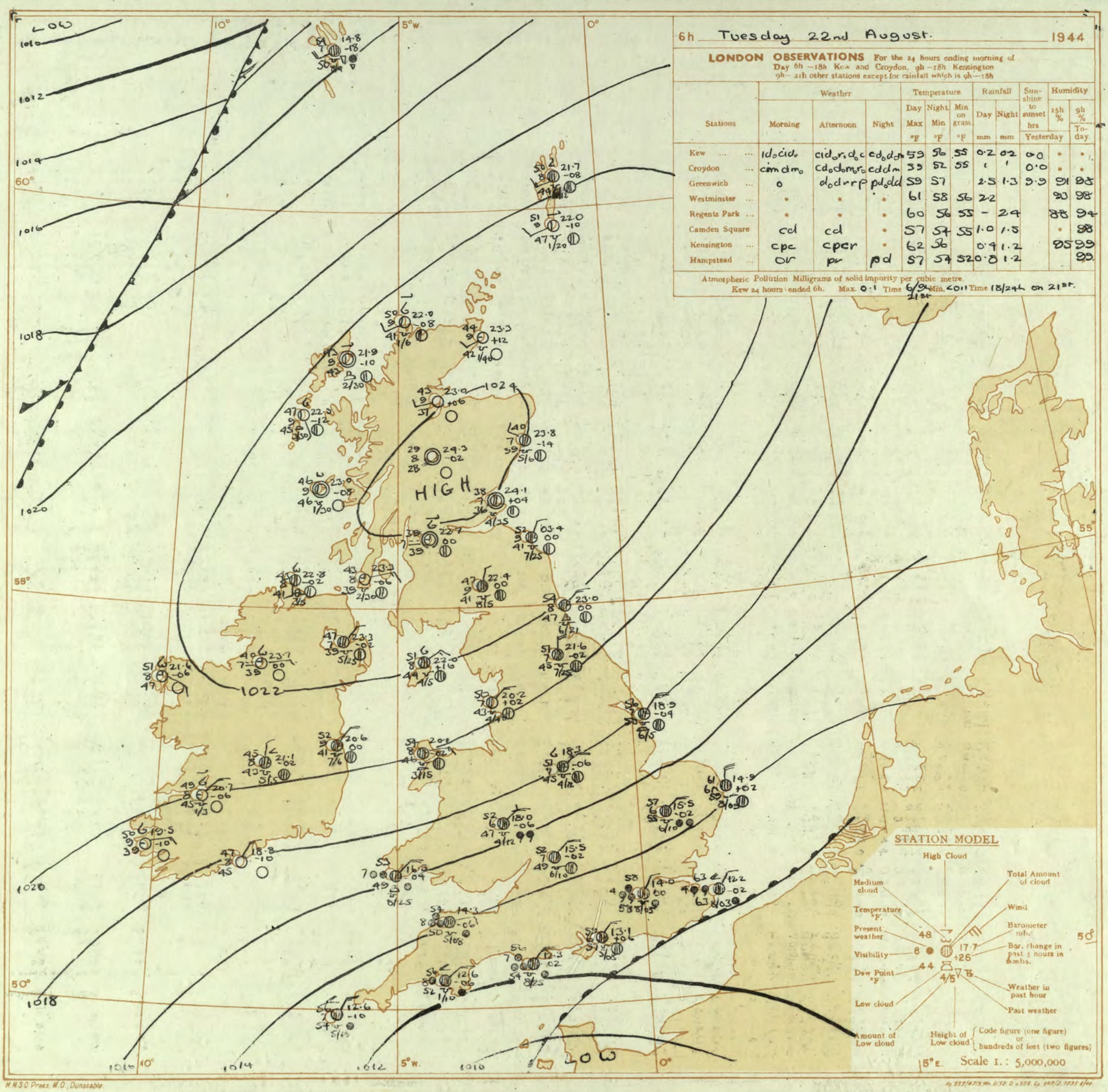
NELSON K. JOHNSON, K.C.B., D.Sc., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Tuesday 22nd August. 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of
Day 6h –18h Kew and Croydon, 9h –18h Kensington
9h– 21h other stations except for rainfall which is 9h–18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % Today |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | 1d₀c1d₀ | c1d₀r,d₀c | cd₀d₀m | 59 | 56 | 55 | 0·2 | 0·2 | 0·0 | • | • |
| Croydon ... | c1m d m₀ | cd₀d₀m₀r₀ | cddm | 59 | 52 | 55 | 1 | 1 | 0·0 | • | • |
| Greenwich ... | 0 | d₀d₀r p | pd₀dd | 59 | 57 | | 2·5 | 1·3 | 9·9 | 91 | 98 |
| Westminster ... | • | • | • | 61 | 58 | 56 | 2·2 | | | 93 | 98 |
| Regents Park ... | • | • | • | 60 | 56 | 55 | – | 2·4 | | 88 | 94 |
| Camden Square | cd | cd | • | 57 | 54 | 55 | 1·0 | 1·5 | | • | 88 |
| Kensington ... | cpc | cper | • | 62 | 56 | | 0·4 | 1·2 | | 95 | 99 |
| Hampstead ... | 0r | pr | pd | 57 | 54 | 52 | 0·8 | 1·2 | | | 99 |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·1 Time 6/9 Min. <0·1 Time 18/24h on 21st.




H.M.S.O. Press, M.O., Dunstable.

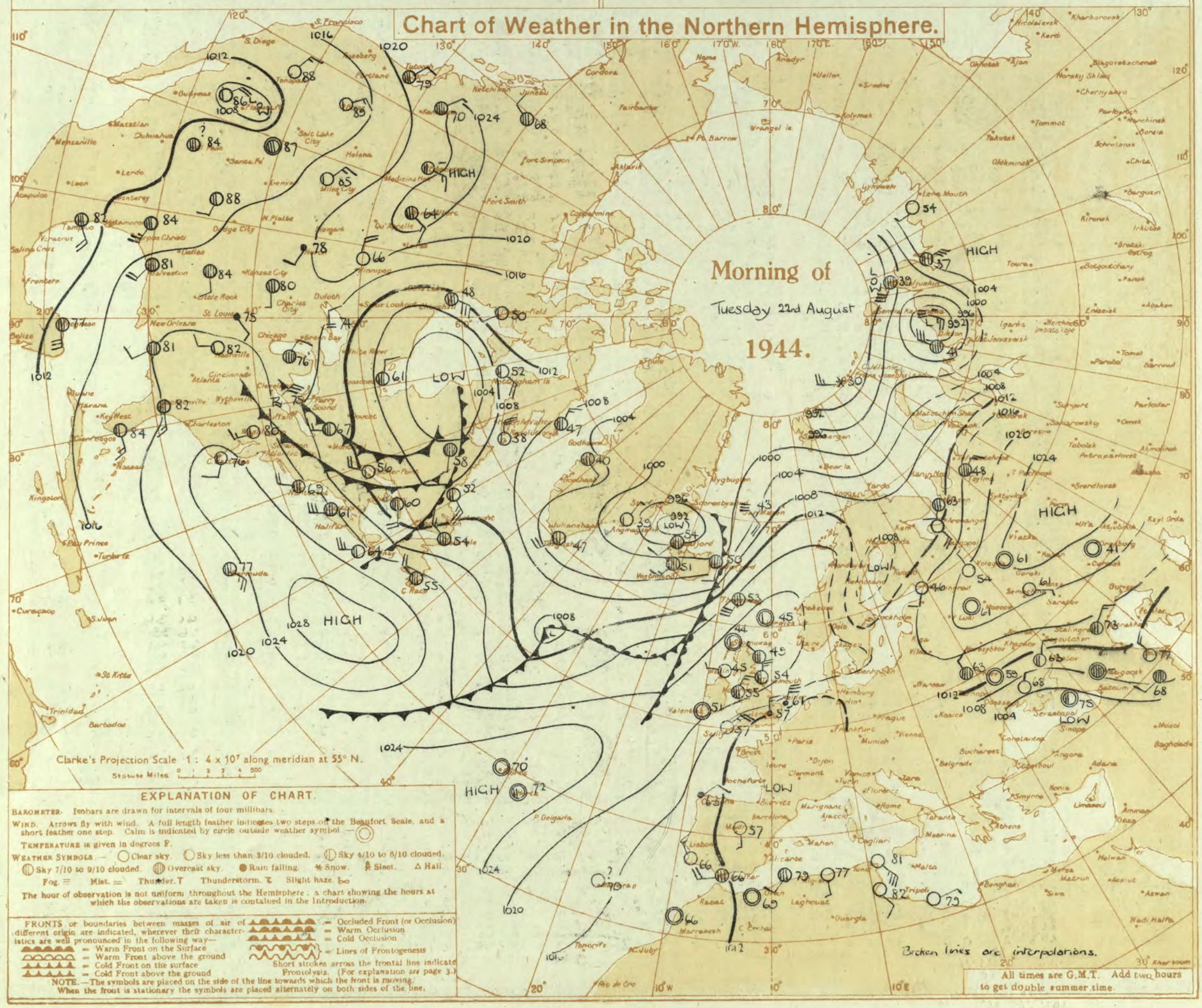
## GENERAL INFERENCE

An anticyclone centred over East Scotland is moving east and a trough off Southeast England is moving slowly northwest. It will be fine in Scotland and North Ireland at first but there is a risk of local rain in Northwest Scotland later. In England and Wales there will be mainly much cloud with rain or drizzle locally and some fog especially over high ground. It will be mainly cool in the South and rather cool in the North. It will become warm and close in Southeast England.

## FURTHER OUTLOOK

Unsettled generally.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS. — Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Tuesday, 22nd August 1944

No. 30224

## OBSERVATIONS at 00hr. G.M.T. 22nd August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F (6) | Dew Point °F. (7) | Visibility 0–9 (8) | Cloud Form Low. (9) | Cloud Form Med. (10) | Cloud Form High. (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A. 0–9 (13) | Cloud Amount Low B 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 57 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 14.9 | 0 | N | 3 | dodo | 57 | 56 | 5 | 5 | - | - | 8 | 5 | - | 7 | - |
| | Boscombe Down | 417 | 14.8 | -4 | NNE | 5 | ro | 53 | 51 | 7 | 5 | - | - | 8 | 5 | 8 | 7 | 4 |
| | Thorney Island | 10 | 12.5 | -2 | NE'N | 6 | c | 58 | 55 | 7 | 5 | - | - | 8 | 5 | 8 | 10 | 15 |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 12.3 | +2 | NNE | 6 | roro | 62 | 60 | 5 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Manston ... | 140 | 12.1 | -2 | NNE | 5 | rr | 61 | 61 | 5 | 5 | - | - | 8 | 8 | - | 6 | - |
| 2 | North Weald | 244 | 14.9 | -2 | NNE | 5 | c/d | 57 | 55 | 5 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Felixstowe ... | 10 | 13.9 | -2 | NNE | 5 | 20 | 61 | 58 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Gorleston ... | 5 | 14.5 | +4 | N'E | 6 | roro | 61 | 56 | 5 | 6 | - | - | 8 | 8 | - | 17 | - |
| | Mildenhall | 15 | 15.9 | -2 | NE'N | 4 | 20 | 58 | 54 | 6 | 5 | - | - | 8 | 8 | - | 16 | - |
| | Bircham Newton | 221 | 16.4 | -6 | NE | 5 | 0 | 57 | 51 | 7 | 5 | - | - | 8 | 8 | - | 17 | - |
| | Cranwell ... | 203 | 18.6 | +6 | NNE | 4 | c | 54 | 50 | 7 | 5 | - | - | 8 | 8 | - | 19 | - |
| 3 | Cranfield ... | 340 | 16.2 | -6 | NNE | 4 | c/r | 54 | 51 | 7 | 5 | - | - | 8 | 4 | 8 | 6 | 15 |
| | Honiley ... | 427 | 17.6 | +4 | NNE | 5 | c/d | 53 | 47 | 7 | 5 | - | - | 8 | 8 | - | 24 | - |
| 4 | Little Rissington | 731 | 16.1 | -6 | NNE | 4 | c/r | 50 | 48 | 7 | 5 | - | - | 8 | 1 | 8 | 8 | 15 |
| | Shobden ... | 318 | 18.7 | -2 | NNE | 4 | 20 | 54 | 46 | 6 | 5 | - | - | 8 | 5 | 8 | 22 | 40 |
| 5 | Bristol ... | 209 | 16.1 | -2 | NEN | 3 | dodo | 51 | 49 | 7 | 5 | - | - | 8 | 4 | 8 | 11 | 15 |
| | Chivenor ... | 20 | 15.7 | -2 | ENE | 1 | c/r | 55 | 50 | 6 | 5 | - | - | 8 | 6 | 8 | 10 | 40 |
| | Yeovilton | 50 | 14.8 | -2 | NNE | 5 | c/r | 54 | 51 | 7 | 5 | 2 | - | 8 | 5 | 8 | 10 | 25 |
| | Portland Bill | 32 | 12.3 | +12 | N | 5 | rr | 56 | 54 | 7 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Exeter ... | 100 | 14.6 | -2 | NNE | 4 | roro | 52 | 52 | 6 | 5 | - | - | 8 | 8 | 7 | 8 | - |
| | Plymouth ... | 86 | 14.4 | -2 | NE | 4 | rr | 54 | 52 | 6 | 5 | 2 | - | 8 | 7 | 8 | 23 | 57 |
| | St. Eval ... | 345 | 13.2 | -2 | NE | 5 | roro | 53 | 52 | 6 | - | 2 | - | 8 | 8 | - | 60 | - |
| | The Lizard | 240 | 13.6 | -6 | NE | 3 | rr | 54 | 54 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| | Scilly, St. Marys | 163 | 14.6 | -2 | NE'N | 5 | rr | 57 | 56 | 6 | 5 | - | - | 8 | 8 | - | - | - |
| 6 | Fairwood ... | 268 | 16.8 | +4 | NE | 4 | iro | 54 | 51 | 7 | 5 | 7 | - | 8 | 9 | 8 | 25 | - |
| | Pembroke ... | 142 | 17.2 | -14 | NE'N | 5 | bc | 54 | 48 | 8 | - | 7 | - | 8 | 1 | - | 23 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 20.0 | 0 | NNE | 3 | 20 | 51 | 43 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Holyhead, Valley | 32 | 21.1 | +2 | NE | 3 | c | 55 | 45 | 7 | 5 | - | - | 8 | 8 | - | 37 | - |
| | Hawarden | 15 | 21.6 | -2 | NW | 3 | bc | 50 | 46 | 7 | 5 | - | - | 8 | 10 | - | 30 | - |
| 8 | Manchester | 230 | 20.2 | -2 | NE | 2 | 20 | 50 | 46 | 6 | 5 | - | - | 10 | 0 | 0 | - | - |
| | Squires Gate | 30 | 21.1 | +6 | NE/N | 5 | b | 51 | 43 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Silloth ... | 25 | 24.1 | +10 | NNE | 4 | c | 49 | 40 | 9 | 5 | - | - | 6 | 6 | - | 52 | - |
| 9 | Ashbourne ... | 590 | 19.3 | -2 | NE | 4 | 20 | 51 | 45 | 6 | 5 | - | - | 4 | 4 | - | 40 | - |
| | Snaith ... | 30 | 20.8 | -2 | N | 3 | c | 52 | 45 | 8 | 5 | - | - | 8 | 8 | - | 33 | - |
| 10 | Spurn Head | 29 | 19.0 | -4 | NNE | 6 | c2 | 56 | 50 | 7 | 5 | - | - | 8 | 8 | - | - | - |
| | Catterick (Sc.) | 195 | 21.9 | -4 | N'W | 4 | c | 51 | 48 | 7 | 5 | - | - | 8 | 8 | - | 35 | - |
| | Tynemouth | 108 | 23.3 | +4 | N | 5 | c | 54 | 41 | 7 | 5 | - | - | 7 | 7 | - | - | - |
| | Acklington | 138 | 23.0 | -2 | NNE | 3 | c | 52 | 43 | 8 | 5 | - | - | 7 | 8 | - | 60 | - |
| 11 | St. Abb's Head | 280 | 24.5 | +6 | N | 3 | bc | 51 | 37 | 8 | 4 | - | - | 4 | 4 | - | 25 | - |
| | Leuchars ... | 31 | 24.4 | 0 | - | 0 | bc | 50 | 37 | 8 | 5 | - | - | 3 | 7 | - | 30 | - |
| | Montrose ... | 22 | 25.5 | 0 | NW | 1 | bc | 49 | 41 | 8 | 5 | - | - | 7 | 7 | - | 20 | - |
| 12 | Abbotsinch | 19 | 24.1 | +4 | - | 0 | 20 | 46 | 44 | 6 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Prestwick ... | 30 | 24.4 | +4 | - | 0 | b | 43 | 40 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | West Freugh | 53 | 23.7 | 0 | NE | 2 | c | 48 | 41 | 8 | 5 | - | - | 6 | 6 | - | 35 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 23.0 | +6 | NE'E | 3 | c | 51 | 40 | 8 | 5 | - | - | 5 | 5 | - | 20 | - |
| 13A | Machrihanish | 35 | 24.1 | +4 | - | 0 | b | 45 | 41 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Tiree ... | 44 | 24.3 | -2 | NNE | 2 | bc | 46 | 45 | 8 | 5 | - | - | 1 | 1 | - | 40 | - |
| | Oban ... | 74 | 24.8 | +6 | NNE | 1 | bc | 46 | 44 | 9 | 5 | - | - | 1 | 1 | - | 30 | - |
| 13B | Stornoway ... | 12 | 23.0 | -2 | - | 0 | bc | 44 | 42 | 8 | 5 | - | - | 3 | 3 | - | 35 | - |
| | Cape Wrath | 367 | 23.3 | -18 | S | 2 | bc | 49 | 42 | 9 | 2 | 4 | - | 3 | - | 0 | - | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 24.5 | -2 | NNW | 1 | c | 49 | 41 | 8 | 5 | - | - | 6 | 3 | 6 | 25 | 40 |
| | Fraserburgh | 76 | 24.5 | +2 | WSW | 1 | bc | 49 | 40 | 9 | 5 | - | - | 1 | 1 | - | 50 | - |
| | Alness ... | 63 | 24.4 | +2 | WNW | 1 | b | 41 | 39 | 0 | - | 8 | - | 0 | 0 | 0 | - | - |
| | Wick ... | 114 | 24.1 | -6 | SW | 1 | bc | 41 | 39 | 9 | - | 4 | - | 1 | - | 1 | - | - |
| 16 | Hatston ... | 45 | 23.7 | -2 | SW'W | 2 | bc | 45 | 43 | 8 | 5 | - | - | 3 | 3 | - | 30 | - |
| | Sumburgh ... | 15 | 23.1 | +6 | WSW | 2 | bc | 44 | 43 | 9 | 5 | - | 1 | 3 | 3 | 2 | 35 | - |
| | Sullom Voe | 12 | 22.7 | +2 | - | 0 | bc | 45 | 40 | 8 | 5 | - | - | 2 | 2 | - | 20 | - |
| 17 | Blacksod Point | 18 | 22.9 | -4 | NE | 2 | b | 54 | 50 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 18 | Malin Head | 84 | 23.6 | 0 | W | 1 | bc | 45 | 41 | 9 | 4 | - | - | 3 | 3 | - | 25 | - |
| | Aldergrove | 294 | 24.2 | +6 | - | 0 | b | 43 | 40 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Cas. Archdale | 240 | 24.3 | +6 | ENE | 1 | b | 44 | 41 | 9 | - | - | - | 0 | 0 | 0 | - | - |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 22.0 | -2 | NE | 3 | bc | 50 | 42 | 8 | 5 | - | - | 3 | 3 | - | 40 | - |
| 20 | Foynes ... | 3 | 21.9 | +2 | SE'E | 2 | b | 47 | 43 | 9 | - | - | - | 0 | 0 | 0 | - | - |
| | Valentia ... | 30 | 21.2 | -6 | - | 0 | b | 51 | 47 | 9 | - | - | - | 0 | 0 | 0 | - | - |
| | Roches Point | 22 | 20.8 | -2 | N'E | 3 | b | 51 | 47 | 8 | - | - | - | 0 | 0 | 0 | - | - |

## OBSERVATIONS at 06hr. G.M.T. 22nd August

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0–9 (24) | Cloud Form Low. (25) | Cloud Form Med (26) | Cloud Form High. (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A. 0–9 (29) | Cloud Amount Low B. 0–9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground. 0–9 (33) | Sea. 0–9. (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 143 | -2 | NE | 2 | dodo | 57 | 55 | 5 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | * |
| | Croydon ... | 140 | 0 | NNE | 2 | dd | 58 | 56 | 4 | 5 | - | - | 8 | 8 | - | 5 | - | 1 | * |
| | Boscombe Down | 142 | 0 | NE'E | 5 | c | 55 | 53 | 7 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 | * |
| | Thorney Island | 131 | 16 | NE'N | 3 | 20 | 59 | 57 | 6 | 5 | - | - | 8 | 5 | 8 | 9 | 15 | 1 | * |
| | Friston ... | | | | | | | | | | | | | | | | | | * |
| | Lympne ... | 13[illegible] | +6 | NNE | 4 | ido | 62 | 62 | 4 | 5 | - | - | 8 | 6 | - | 3 | - | 1 | §3 |
| | Manston ... | 12.2 | -2 | NE'N | 4 | dodo | 63 | 63 | 4 | - | 2 | - | 8 | 8 | - | 3 | - | 1 | * |
| 2 | North Weald | 14.9 | -2 | NE'N | 4 | df | 57 | 57 | 3 | 5 | - | - | 8 | 8 | - | 2 | - | 0 | * |
| | Felixstowe ... | [illegible] | -4 | NNE | 5 | 20 | 62 | 58 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 0 | 3 |
| | Gorleston ... | [illegible] | -2 | N | 6 | c2 | 61 | 59 | 6 | 6 | - | - | 8 | 8 | - | 9 | - | 1 | 4 |
| | Mildenhall | 15.5 | -2 | NE | 4 | c/r | 57 | 55 | 6 | 5 | - | - | 8 | 6 | 8 | 10 | 15 | 1 | * |
| | Bircham Newton | 16.4 | -2 | ENE | 5 | iro | 57 | 53 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | * |
| | Cranwell ... | 18.1 | -4 | NNE | 4 | dodo | 54 | 52 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 25 | 1 | * |
| 3 | Cranfield ... | 15.7 | -2 | NNE | 4 | doro | 54 | 54 | 6 | 6 | 2 | - | 8 | 7 | 8 | 3 | 8 | 1 | * |
| | Honiley ... | 16.8 | -2 | NE | 4 | doro | 53 | 49 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 1 | * |
| 4 | Little Rissington | 15.5 | -2 | NE | 4 | c | 52 | 49 | 7 | 5 | - | - | 8 | 6 | 8 | 10 | 25 | 1 | * |
| | Shobden ... | 18.0 | -6 | NE | 3 | c/d | 52 | 47 | 6 | 5 | - | - | 8 | 4 | 8 | 12 | 15 | 0 | * |
| 5 | Bristol ... | [illegible] | -2 | NNE | 1 | rr | | | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 | * |
| | Chivenor ... | 14.3 | -6 | ENE | 2 | rr | 54 | 50 | 2 | 5 | - | - | 8 | 8 | 8 | 8 | 25 | 1 | * |
| | Yeovilton | 14.2 | -4 | NE'N | 3 | iro | 55 | 52 | 6 | 5 | 2 | - | 8 | 6 | 8 | 12 | 25 | 1 | * |
| | Portland Bill | 12.3 | -2 | NE | 5 | rr | 56 | 54 | 7 | 5 | - | - | 8 | 8 | - | 25 | - | 1 | 4 |
| | Exeter ... | 13.9 | 0 | NE | 4 | c/d | 53 | 52 | 6 | 5 | - | - | 8 | 8 | - | 12 | - | 1 | * |
| | Plymouth ... | 12.6 | -6 | NE | 3 | iro | 56 | 52 | 8 | 5 | 2 | - | 8 | 1 | 6 | 10 | 40 | 1 | * |
| | St. Eval ... | 13.6 | -6 | NE | 4 | c | 53 | 52 | 7 | 5 | 7 | - | 8 | 3 | 5 | 6 | 25 | 1 | * |
| | The Lizard | 11.6 | -8 | NNE | 4 | roro | 54 | 51 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | 4 |
| | Scilly, St. Marys | 12.6 | -10 | NNE | 5 | c | 56 | 54 | 7 | 5 | 2 | - | 8 | 5 | 3 | 10 | 40 | 1 | 5 |
| 6 | Fairwood ... | 13.8 | +4 | NE | 4 | iro | 51 | 49 | 7 | 5 | 2 | - | 8 | 5 | 8 | 25 | - | 1 | * |
| | Pembroke ... | 16.5 | -4 | NE | 4 | roro | 53 | 49 | 7 | 8 | - | - | 8 | 8 | - | 25 | - | 1 | 3 |
| | Aberporth ... | 17.3 | +4 | ENE | 5 | c/pr | 53 | 47 | 6 | 5 | 1 | - | 8 | 5 | 8 | 30 | - | 1 | 4 |
| 7 | Penrhos ... | 18.5 | -2 | E | 2 | bc | 52 | 43 | 8 | 5 | 7 | - | 4 | 4 | 1 | 40 | - | 0 | 1 |
| | Holyhead, Valley | 20.1 | -2 | ENE | 3 | c | 54 | 46 | 8 | 7 | - | - | 6 | 3 | 5 | 15 | 25 | 0 | 2 |
| | Hawarden | 12.0 | 0 | NW | 3 | 20 | 51 | 47 | 6 | 5 | 7 | - | 7 | 4 | 7 | 50 | - | 0 | * |
| 8 | Manchester | 19.4 | +2 | NNE | 3 | c | 52 | 45 | 8 | 5 | 4 | - | 6 | 3 | 6 | 25 | 40 | 1 | * |
| | Squires Gate | 20.2 | +2 | NE | 3 | bc | 50 | 43 | 7 | 5 | - | - | 4 | 4 | - | 40 | - | 0 | 0 |
| | Silloth ... | 22.3 | -2 | NNE | 4 | bc | 50 | 44 | 9 | 5 | - | 1 | 4 | 4 | 2 | 25 | - | 0 | * |
| 9 | Ashbourne ... | 18.3 | -6 | NE | 3 | c | 51 | 45 | 7 | 5 | 4 | - | 6 | 4 | 5 | 12 | 25 | 0 | * |
| | Snaith ... | 20.4 | -2 | N'E | 3 | c | 53 | 47 | 9 | 5 | - | - | 8 | 7 | - | 25 | - | 0 | * |
| 10 | Spurn Head | 18.9 | -4 | NE'N | 5 | c | 56 | 50 | 7 | 7 | - | - | 6 | 6 | - | - | - | 0 | 4 |
| | Catterick (Sc.) | 21.6 | -2 | N'W | 4 | c | 51 | 45 | 7 | 5 | - | - | 8 | 7 | - | 25 | - | 0 | * |
| | Tynemouth | 23.0 | 0 | NE | 3 | c | 54 | 47 | 8 | 8 | - | - | 6 | 6 | - | 21 | - | 0 | 3 |
| | Acklington | 23.0 | +8 | NE | 5 | c | 52 | 43 | 8 | 5 | - | - | 7 | 7 | - | 30 | - | 0 | * |
| 11 | St. Abb's Head | 23.4 | 0 | NNE | 2 | c | 52 | 41 | 9 | 5 | - | - | 7 | 7 | - | 25 | - | 0 | * |
| | Leuchars ... | 24.1 | +4 | - | 0 | bc | 38 | 36 | 7 | 5 | - | - | 4 | 4 | - | 35 | - | 1 | * |
| | Montrose ... | 23.1 | +2 | WNW | 1 | c | 44 | 39 | 8 | 5 | - | - | 3 | 5 | - | 50 | - | 0 | * |
| 12 | Abbotsinch | 23.7 | 0 | - | 0 | fog | 39 | 39 | 7 | - | 4 | - | 2 | 1 | 2 | 85 | - | 0 | * |
| | Prestwick ... | 24.0 | 16 | ENE | 1 | 20 | 43 | 39 | 6 | 5 | 4 | - | 2 | 1 | 1 | 30 | - | 0 | * |
| | West Freugh | 23.0 | -2 | N | 1 | bc | 38 | 36 | 8 | 5 | - | 5 | 3 | 2 | 3 | 30 | - | 0 | * |
| | Eskdalemuir | 22.4 | 0 | NNE | 2 | c | 47 | 41 | 9 | 5 | - | - | 8 | 8 | - | 24 | - | 0 | * |
| | Jurby, I. of Man | 22.0 | +16 | NE'E | 3 | bc | 51 | 44 | 8 | 5 | 4 | - | 5 | 4 | 3 | 25 | 40 | 0 | * |
| 13A | Machrihanish | 23.3 | -6 | E'N | 3 | bc | 43 | 39 | 8 | - | - | - | 2 | 2 | - | 30 | - | 0 | 1 |
| | Tiree ... | 23.0 | -8 | - | 0 | bc | 46 | 46 | 9 | 5 | 3 | - | 3 | 1 | 1 | 30 | - | 1 | 1 |
| | Oban ... | 24.3 | -2 | - | 0 | bc | 43 | 42 | 8 | 5 | 4 | - | 2 | 1 | 1 | 15 | - | 0 | 1 |
| 13B | Stornoway ... | 21.9 | -10 | - | 0 | bc | 43 | 43 | 9 | 2 | - | - | 3 | 2 | 2 | 30 | - | 1 | 1 |
| | Cape Wrath | 22.0 | -8 | SW | 2 | bc | 50 | 41 | 9 | 5 | 4 | - | 3 | - | 0 | - | - | 1 | 2 |
| 15 | Dalwhinnie | 24.3 | -2 | - | 0 | b | 29 | 28 | 8 | - | - | - | 0 | 0 | 0 | - | - | 3 | * |
| | Aberdeen† ... | 23.8 | -14 | NW'W | 2 | c | 40 | 39 | 7 | 5 | - | - | 5 | 5 | - | - | - | 0 | 2 |
| | Fraserburgh | 24.2 | -2 | WSW | 1 | bc | 42 | 39 | 9 | 5 | - | - | 2 | 2 | - | 30 | - | 0 | 0 |
| | Alness ... | 23.0 | +6 | WSW | 1 | b | 48 | 37 | 9 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| | Wick ... | 23.3 | +12 | SW | 2 | bc | 44 | 42 | 9 | 5 | - | 1 | 1 | 1 | 1 | 40 | - | 0 | * |
| 16 | Hatston ... | 22.8 | -6 | SW'S | 3 | bc | 48 | 45 | 8 | - | 4 | 5 | 3 | 1 | 3 | - | - | * | * |
| | Sumburgh ... | 22.0 | +14 | SW | 3 | bc | 51 | 47 | 9 | 5 | - | - | 3 | 1 | 3 | 20 | - | 0 | 2 |
| | Sullom Voe | 21.7 | -8 | SW | 3 | c | 50 | 44 | 8 | 5 | - | 6 | 5 | 5 | 3 | 12 | - | 0 | * |
| 17 | Blacksod Point | 21.6 | -6 | ESE | 2 | bc | 43 | 41 | 8 | - | 5 | 5 | 3 | - | - | - | - | - | 2 |
| 18 | Malin Head | 22.8 | -2 | S | 2 | c | 52 | 41 | 9 | 4 | 5 | - | 4 | 3 | - | 25 | - | 3 | 3 |
| | Aldergrove | 23.3 | -2 | NE | 2 | c | 42 | 39 | 7 | 5 | - | - | 3 | 5 | - | 25 | - | 0 | * |
| | Cas. Archdale | 23.7 | 0 | E'N | 1 | bc | 40 | 39 | 7 | - | 5 | - | 2 | 2 | - | - | - | 0 | * |
| 19 | Birr Castle ... | 21.1 | -2 | N | 1 | c | 45 | 43 | 8 | 5 | - | - | 6 | 5 | - | 25 | - | 0 | * |
| | Collinstown | 20.6 | +2 | ENE | 3 | c | 32 | 31 | 9 | 5 | - | - | 7 | 7 | - | 40 | - | 0 | * |
| 20 | Foynes ... | 20.4 | -4 | NE'E | 4 | b | 51 | 47 | 8 | - | 4 | - | 7 | - | 0 | - | - | 0 | * |
| | Valentia ... | 19.6 | -6 | ENE | 3 | b | 51 | 40 | 9 | - | 4 | - | 1 | - | 0 | - | - | 0 | 2 |
| | Roches Point | 18.5 | -6 | NNE | 3 | bc | 49 | 45 | 8 | 5 | - | - | 3 | 3 | - | 25 | - | 1 | 3 |

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h-18h °F. (35) | Temperature Min. Night 18h-6h °F. (36) | Temperature Min. on Grass °F. (37) | Rainfall Day 6h-18h mm. (38) | Rainfall Night 18h-6h mm. (39) | Sunshine 21st. Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew ... | 55 | 50 | 55 | 0.2 | 0.2 | 0.0 |
| Croydon ... | 59 | 57 | 55 | 1 | 1 | 0.0 |
| Boscombe Down | 57 | 54 | 45 | 0.1 | 2 | 0.0 |
| Thorney Island | 61 | 56 | 56 | 0.6 | 1 | * |
| Friston ... | | | | | | |
| Lympne ... | 62 | 61 | 60 | 8 | Tr | 0.0 |
| Manston ... | 63 | 61 | 61 | 5 | 2 | 0.0 |
| North Weald | 58 | 54 | * | * | * | * |
| Felixstowe ... | 62 | 59 | 59 | 1 | 0.1 | 0.0 |
| Gorleston ... | 61 | 60 | 58 | 4 | 4 | 0.0 |
| Mildenhall | 58 | 56 | 55 | 0.1 | 3 | 0.0 |
| Bircham Newton | 58 | 54 | 54 | 3 | 2 | * |
| Cranwell ... | 59 | 52 | 45 | 1 | - | 0.0 |
| Cranfield ... | 57 | 52 | 48 | Tr | 6 | * |
| Honiley ... | 62 | 51 | 49 | - | Tr | * |
| Little Rissington | - | 49 | 49 | 0.2 | 2 | * |
| Shobden ... | 61 | 51 | - | - | Tr | * |
| Bristol ... | 58 | 51 | 51 | Tr | 7 | 0.0 |
| Chivenor ... | 60 | 53 | 51 | - | 11 | * |
| Yeovilton | 65 | 52 | 51 | - | 8 | * |
| Portland Bill | 61 | 53 | * | 2 | 18 | * |
| Exeter ... | 59 | 49 | 46 | - | 12 | * |
| Plymouth ... | 60 | 54 | 52 | 0.4 | 15 | 0.0 |
| St. Eval ... | 62 | 52 | 51 | - | 4 | * |
| The Lizard | 60 | 52 | * | - | 8 | 3.9 |
| Scilly, St. Marys | 62 | 55 | * | - | 4 | 6.4 |
| Fairwood ... | - | 50 | 49 | - | 2 | * |
| Pembroke ... | 62 | 51 | * | - | 0.5 | 5.5 |
| Aberporth ... | 62 | 52 | 50 | - | Tr | 3.8 |
| Penrhos ... | 62 | 46 | 35 | - | - | * |
| Holyhead, Valley | 61 | 52 | 46 | - | - | * |
| Hawarden | 62 | 49 | * | | | * |
| Manchester | 61 | 46 | 44 | | | * |
| Squires Gate | 62 | 48 | * | | | * |
| Silloth ... | 57 | 46 | 42 | | | * |
| Ashbourne ... | 56 | 51 | 36 | - | - | * |
| Snaith ... | 61 | 52 | 51 | - | - | * |
| Spurn Head | 62 | 55 | * | - | - | 5.0 |
| Catterick (Sc.) | 57 | 51 | 49 | - | - | 1.8 |
| Tynemouth | 55 | 53 | 51 | - | - | * |
| Acklington | 55 | 50 | 48 | - | - | * |
| St. Abb's Head | 54 | 50 | * | - | - | * |
| Leuchars ... | 62 | 37 | 31 | - | - | * |
| Montrose ... | 57 | 54 | 36 | Tr | - | * |
| Abbotsinch | 58 | 37 | 36 | - | - | 0.7 |
| Prestwick ... | 58 | 41 | 36 | - | - | * |
| West Freugh | 61 | 36 | 33 | - | - | * |
| Eskdalemuir | 53 | 43 | 41 | - | - | 0.1 |
| Jurby, I. of Man | 58 | 50 | 47 | - | - | * |
| Machrihanish | 59 | 43 | 42 | - | - | * |
| Tiree ... | 58 | 42 | 29 | 80 | - | 13.8 |
| Oban ... | 60 | 44 | * | - | - | * |
| Stornoway ... | 57 | 41 | 30 | - | - | 5.7 |
| Cape Wrath | 64 | 47 | * | - | - | 4.0 |
| Dalwhinnie | 55 | 27 | 20 | - | - | * |
| Aberdeen† ... | 55 | 38 | 31 | Tr | - | 0.4 |
| Fraserburgh | 56 | 39 | 33 | Tr | - | * |
| Alness ... | 59 | 33 | 26 | - | 6 | * |
| Wick ... | 55 | 39 | 32 | Tr | - | * |
| Hatston ... | * | * | * | * | * | * |
| Sumburgh ... | 54 | 43 | 41 | - | - | 1.1 |
| Sullom Voe | 53 | 39 | 32 | - | - | * |
| Blacksod Point | 62 | 47 | * | - | - | * |
| Malin Head | 59 | 41 | * | - | - | 13.6 |
| Aldergrove | 59 | 39 | 33 | - | - | 13.7 |
| Cas. Archdale | 63 | 40 | 31 | - | - | * |
| Birr Castle ... | 63 | 37 | 31 | - | - | 10.5 |
| Collinstown | 58 | 49 | 45 | - | - | 11.3 |
| Foynes ... | 64 | 41 | 36 | - | - | 11.6 |
| Valentia ... | 63 | 48 | 38 | - | Tr | 12.9 |
| Roches Point | 63 | 47 | * | - | - | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Wednesday 23rd August 1944

No. 30225

## OBSERVATIONS at 12h. G.M.T. August 22nd

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 15.3 | +2 | NE'N | 2 | ido | 63 | 61 | 4 | 5 | - | - | 8 | 5 | 8 | 18 | 15 |
| | Croydon | 15.1 | 0 | NNE | 2 | dodo | 64 | 64 | 4 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Boscombe Down | 15.2 | +4 | NE'E | 3 | 2o | 61 | 58 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 15 |
| | Thorney Island | 14.5 | +10 | ENE | 3 | 2o | 65 | 63 | 6 | 5 | - | - | 7 | 4 | 7 | 25 | 40 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 15.0 | +6 | ESE | 1 | c/d | 66 | 65 | 4 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Manston | 15.0 | +10 | E | 2 | F- | 66 | 65 | 3 | - | - | - | 9 | 9 | 0 | 0 | - |
| 2 | North Weald | 16.2 | +2 | NE | 3 | dF | 62 | 62 | 3 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Felixstowe | 15.4 | +2 | NE'E | 5 | 2o | 65 | 61 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Gorleston | 16.2 | +6 | NNE | 5 | eq | 62 | 59 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Mildenhall | 14.5 | +6 | ENE | 3 | 2o | 64 | 60 | 6 | 5 | - | - | 8 | 8 | - | 14 | - |
| | Bircham Newton | 16.9 | -2 | ENE | 5 | c | 61 | 58 | 6 | 5 | - | - | 8 | 7 | 8 | 8 | 15 |
| | Cranwell | 18.5 | 0 | NE'N | 3 | 2o | 56 | 54 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| 3 | Cranfield | 16.6 | +2 | NNE | 3 | d.d. | 58 | 58 | 4 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Honiley | 17.3 | 0 | NNE | 3 | dodo | 54 | 53 | 5 | - | 2 | - | 8 | 8 | - | 8 | - |
| 4 | Little Rissington | 16.2 | +4 | NE'E | 5 | ido | 55 | 55 | 4 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Shobden | 18.2 | +2 | NNE | 2 | roro | 52 | 52 | 5 | 5 | - | - | 8 | 5 | 8 | 6 | 15 |
| 5 | Bristol | 16.1 | +2 | NE | 2 | 2o | 57 | 56 | 5 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Chivenor | 14.0 | -2 | E | 4 | c | 61 | 54 | 8 | 5 | 7 | - | 6 | 2 | 5 | 10 | 25 |
| | Yeovilton | 14.4 | +2 | NE | 3 | c | 61 | 58 | 7 | 5 | - | - | 8 | 7 | 8 | 10 | 15 |
| | Portland Bill | 13.4 | +4 | NE | 4 | c | 65 | 62 | 8 | 2 | - | - | 8 | 5 | - | 50 | - |
| | Exeter | 13.8 | -2 | NE | 4 | c | 61 | 58 | 6 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Plymouth | 11.8 | -6 | E'N | 4 | bc | 63 | 58 | 7 | 8 | 4 | - | 4 | 4 | 2 | 15 | - |
| | St. Eval | 12.4 | -10 | NE | 3 | c.bc | 63 | 58 | 8 | 5 | 4 | 1 | 5 | 4 | 3 | 8 | - |
| | The Lizard | 10.5 | -6 | NE | 5 | 2o | 61 | 58 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Scilly, St. Marys | 11.8 | -8 | NE'N | 5 | c/r | 58 | 56 | 8 | 5 | - | - | 5 | 5 | - | 16 | - |
| 6 | Fairwood | 15.4 | -6 | ENE | 4 | c | 57 | 53 | 7 | 5 | 7 | - | 8 | 5 | 8 | 25 | - |
| | Pembroke | 15.2 | -14 | NE'E | 5 | c | 55 | 54 | 7 | 8 | 2 | - | 8 | 8 | - | 17 | - |
| | Aberporth | 16.9 | +6 | ENE | 4 | rr | 52 | 51 | 6 | 5 | 2 | - | 8 | 5 | 8 | 5 | 25 |
| 7 | Penrhos | 17.9 | -2 | NNE | 3 | roro | 54 | 51 | 6 | 5 | 2 | - | 8 | 5 | 8 | 30 | 40 |
| | Holyhead, Valley | 19.4 | -2 | E'N | 4 | irg | 56 | 48 | 5 | 5 | 2 | - | 8 | 6 | 8 | 30 | - |
| | Hawarden | 19.6 | 0 | NNE | 1 | ido | 53 | 51 | 5 | 6 | 2 | - | 8 | 5 | 8 | 12 | 15 |
| 8 | Manchester | 18.9 | -6 | NE | 4 | c/d | 53 | 50 | 8 | 6 | 2 | - | 8 | 5 | 8 | 15 | 40 |
| | Squires Gate | 20.0 | +4 | ENE | 4 | iro | 56 | 48 | 6 | 5 | - | - | 8 | 5 | 8 | 15 | 40 |
| | Silloth | 20.9 | -4 | NNE | 5 | b.bc | 60 | 47 | 8 | 5 | 7 | - | 3 | 3 | 3 | 35 | - |
| 9 | Ashbourne | 18.7 | -4 | NNE | 5 | c/d | 52 | 50 | 6 | 5 | - | - | 8 | 5 | 8 | 4 | 15 |
| | Snaith | 20.8 | -4 | NE | 2 | c/r | 55 | 51 | 7 | 5 | 7 | - | 8 | 5 | 3 | 30 | - |
| 10 | Spurn Head | 19.0 | -4 | N'E | 5 | 2o | 59 | 53 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Catterick (Sc.) | 22.0 | 0 | NNE | 3 | c/d | 55 | 49 | 7 | 5 | 2 | - | 8 | 5 | 8 | 25 | - |
| | Tynemouth | 23.1 | +4 | NE | 3 | c | 50 | 47 | 8 | 8 | - | - | 6 | 6 | - | 21 | - |
| | Acklington | 22.5 | +2 | ENE | 3 | c | 57 | 45 | 9 | 5 | - | - | 8 | 8 | - | 30 | - |
| 11 | St. Abb's Head | 23.2 | +2 | NNE | 2 | c | 53 | 40 | 9 | 5 | 2 | - | 8 | 5 | 3 | 30 | - |
| | Leuchars | 23.2 | +2 | ESE | 2 | c | 56 | 41 | 8 | 5 | - | - | 7 | 7 | - | 34 | - |
| | Montrose | 24.5 | 0 | ENE | 4 | c | 58 | 42 | 9 | 5 | 1 | 1 | 6 | 5 | 2 | 60 | - |
| 12 | Abbotsinch | 22.2 | -2 | E | 3 | b.bc | 59 | 45 | 7 | 7 | - | 1 | 3 | 3 | 1 | 30 | - |
| | Prestwick | 21.8 | -10 | NE'E | 4 | bc | 59 | 41 | 9 | 7 | - | - | 4 | 3 | 4 | 30 | 40 |
| | West Freugh | 20.9 | -12 | ESE | 3 | c.bc | 63 | 47 | 8 | 7 | - | - | 5 | 5 | - | 35 | - |
| | Eskdalemuir | 21.2 | -4 | NE'E | 4 | c.bc | 59 | 48 | 8 | 5 | - | - | 5 | 5 | - | 29 | - |
| | Jurby, I. of Man | 21.1 | -2 | E | 3 | b.bc | 61 | 45 | 9 | 5 | 4 | 1 | 3 | 1 | - | 30 | - |
| 13A | Machrihanish | 21.8 | -10 | E | 3 | bc | 57 | 44 | 7 | 1 | - | - | 4 | 4 | - | 30 | - |
| | Tiree | 21.5 | -6 | SW | 2 | b | 59 | 49 | 8 | 1 | - | - | 2 | 2 | - | 30 | - |
| | Oban | 23.5 | +4 | NNW | 1 | b | 57 | 49 | 8 | 8 | - | - | 1 | 2 | 3 | 15 | 25 |
| 13B | Stornoway | 21.1 | -4 | S | 4 | b.bc | 60 | 45 | 9 | 1 | - | - | 3 | 3 | - | 25 | - |
| | Cape Wrath | 21.7 | -6 | SW | 4 | b.bc | 55 | 47 | 9 | 7 | 4 | - | 3 | 3 | - | 40 | - |
| 15 | Dalwhinnie | 22.4 | -4 | ENE | 1 | b.bc | 59 | 40 | 8 | - | - | 2 | 3 | 7 | - | - | - |
| | Aberdeen | 23.9 | -2 | ESE | 2 | c.bc | 58 | 42 | 9 | 5 | - | 2 | 5 | 4 | 3 | 40 | - |
| | Fraserburgh | 23.5 | -6 | E'S | 3 | b | 56 | 44 | 9 | 5 | 3 | 1 | 2 | 1 | 1 | 30 | - |
| | Alness | 22.4 | -12 | E | 2 | b | 62 | 45 | 9 | 5 | - | - | 1 | 1 | - | 30 | - |
| | Wick | 22.7 | -6 | SSW | 4 | b | 58 | 44 | 9 | - | - | 1 | 1 | 4 | - | 20 | - |
| 16 | Hatston | 22.5 | -4 | S | 3 | b.bc | 60 | 44 | 8 | 1 | - | 8 | 3 | 1 | 3 | 30 | - |
| | Sumburgh | 21.9 | -6 | SW | 4 | b.bc | 54 | 50 | 9 | 1 | - | 5 | 3 | 1 | 3 | 20 | - |
| | Sullom Voe | 21.1 | -4 | W'S | 5 | c | 58 | 46 | 9 | 1 | - | 6 | 6 | 3 | 6 | 14 | - |
| 17 | Blacksod Point | 20.5 | +10 | NE | 2 | b | 61 | 46 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 18 | Malin Head | 21.4 | -10 | SE'E | 3 | bc | 55 | 46 | 8 | 4 | - | - | 4 | 4 | - | 15 | - |
| | Aldergrove | 21.4 | -4 | E | 3 | bc | 57 | 47 | 8 | 7 | - | - | 4 | 4 | - | 20 | - |
| | Cas. Archdale | 21.5 | -16 | NE | 3 | bc | 57 | 45 | 9 | 5 | - | - | 4 | 4 | - | 30 | - |
| 19 | Birr Castle | 18.2 | -16 | NE | 2 | c.bc | 63 | 51 | 8 | 4 | - | - | 5 | 5 | - | 25 | - |
| | Collinstown | 19.4 | -6 | ENE | 4 | c | 57 | 48 | 8 | 5 | 3 | - | 6 | 5 | - | 23 | - |
| 20 | Foynes | 18.6 | -12 | E'N | 5 | c.bc | 58 | 46 | 8 | 7 | - | - | 5 | 5 | - | 36 | - |
| | Valentia | 17.7 | -14 | NE | 4 | b | 60 | 45 | 9 | 4 | 4 | - | 1 | 1 | - | 32 | - |
| | Roches Point | 16.8 | -10 | NNE | 3 | c | 57 | 48 | 8 | 5 | 7 | - | 6 | 4 | - | 25 | - |

## OBSERVATIONS at 18h. G.M.T. August 22nd

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A 0-9 (29) | Cloud Amount Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 15.6 | +4 | NE | 3 | 2o | 67 | 64 | 5 | 5 | - | - | 7 | 3 | 7 | 31 | 40 | 1 | * |
| Croydon | 15.5 | +2 | NNE | 2 | 2o | 68 | 65 | 4 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | * |
| Boscombe Down | 15.1 | -6 | E'N | 3 | 2o | 66 | 63 | 6 | 5 | - | - | 8 | 4 | 8 | 7 | 15 | 1 | * |
| Thorney Island | 14.3 | 0 | ESE | 2 | 2o | 70 | 65 | 6 | 4 | 3 | - | 7 | 4 | 7 | 12 | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 15.0 | -2 | ENE | 2 | 2o | 73 | 66 | 6 | - | - | 2 | 6 | 6 | - | 90 | - | 0 | § - |
| Manston | 15.4 | +2 | NE | 3 | 2o | 67 | 64 | 5 | 5 | - | 8 | 5 | 4 | 8 | - | - | 1 | * |
| North Weald | 16.7 | +2 | NE | 3 | dodo | 64 | 64 | 4 | 5 | - | - | 8 | 6 | 8 | 3 | 8 | 1 | * |
| Felixstowe | 16.5 | +6 | NE | 2 | dodo | 48 | 62 | 5 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | 1 |
| Gorleston | 16.9 | +2 | NNE | 3 | ido | 63 | 62 | 6 | 5 | - | - | 8 | 8 | - | 9 | - | 1 | 3 |
| Mildenhall | 16.6 | +2 | NE'N | 2 | dod. | 63 | 63 | 4 | 5 | - | - | 8 | 3 | 2 | 2 | 8 | 1 | * |
| Bircham Newton | 17.6 | +2 | NE'E | 3 | dodo | 60 | 60 | 4 | 5 | - | - | 8 | 8 | - | 1 | - | 1 | * |
| Cranwell | 18.1 | 0 | NE | 3 | dd. | 57 | 57 | 3 | 5 | - | - | 8 | 8 | - | 6 | - | 1 | * |
| Cranfield | 16.5 | -2 | NE'N | 2 | f/d | 61 | 61 | 2 | 5 | - | - | 8 | 8 | 0 | 0 | - | 1 | * |
| Honiley | 17.1 | 0 | NE | 4 | df | 57 | 56 | 3 | 5 | - | - | 8 | 8 | - | 3 | - | 1 | * |
| Little Rissington | 16.0 | -2 | NE | 3 | F+ | 59 | 59 | 2 | 5 | - | - | 9 | 9 | 0 | 0 | - | 1 | * |
| Shobden | 17.1 | -4 | NE | 2 | 2o | 56 | 56 | 5 | 5 | - | - | 8 | 8 | - | 3 | - | 1 | * |
| Bristol | 15.2 | -4 | NE | 2 | 2o | 62 | 60 | 5 | 5 | - | - | 8 | 8 | - | 2 | - | 1 | * |
| Chivenor | 12.8 | -6 | ENE | 3 | bc | 66 | 59 | 7 | 5 | - | 4 | 4 | 3 | 3 | 10 | 15 | 1 | * |
| Yeovilton | 13.8 | -6 | NE | 3 | 2o | 68 | 63 | 6 | 5 | - | - | 6 | 4 | 6 | 15 | 25 | 0 | * |
| Portland Bill | 12.5 | -4 | E | 4 | c | 64 | 61 | 8 | 5 | - | - | 8 | 8 | - | 50 | - | 1 | 4 |
| Exeter | 13.1 | -4 | ENE | 3 | c | 67 | 63 | 7 | 5 | 3 | 5 | 6 | 5 | 4 | 18 | 25 | 0 | * |
| Plymouth | 11.6 | -6 | E'N | 4 | c.bc | 67 | 62 | 7 | 8 | - | 2 | 5 | 2 | 5 | 8 | 25 | 0 | 3 |
| St. Eval | 11.1 | -10 | E'N | 4 | c | 68 | 62 | 7 | 7 | 7 | - | 6 | 4 | 6 | 10 | - | 0 | * |
| The Lizard | 09.8 | -4 | E | 6 | c/r | 62 | 62 | 5 | 5 | - | - | 8 | 8 | - | 7 | - | 1 | 5 |
| Scilly, St. Marys | 09.1 | -16 | NNE | 4 | c/r | 63 | 62 | 6 | 5 | - | - | 8 | 8 | - | 5 | - | 1 | 5 |
| Fairwood | 14.3 | -12 | E'N | 4 | bc | 63 | 58 | 6 | 5 | - | - | 4 | 3 | 1 | 25 | - | 1 | * |
| Pembroke | 13.7 | -8 | E'N | 3 | c.bc | 63 | 60 | 7 | 8 | - | - | 5 | 5 | - | 22 | 25 | 1 | 3 |
| Aberporth | 14.7 | -10 | NNE | 7 | 2o | 62 | 57 | 6 | 1 | - | - | 3 | 3 | - | 20 | - | 1 | 2 |
| Penrhos | 15.6 | -6 | ENE | 4 | 2o | 60 | 52 | 6 | 5 | 7 | - | 4 | 3 | 2 | 20 | - | 0 | 3 |
| Holyhead, Valley | 17.4 | -6 | ENE | 4 | 2o | 58 | 52 | 5 | 5 | 7 | - | 5 | 4 | 2 | 25 | - | 1 | 2 |
| Hawarden | 18.2 | -4 | ENE | 1 | 2o | 57 | 54 | 5 | 5 | - | - | 8 | 8 | - | 12 | - | - | * |
| Manchester | 17.9 | -2 | ENE | 4 | c | 57 | 52 | 7 | 5 | - | - | 8 | 5 | 7 | 25 | - | 1 | * |
| Squires Gate | 18.7 | -4 | ESE | 4 | 2o | 57 | 51 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | * |
| Silloth | 19.8 | 0 | NE'E | 4 | c | 56 | 48 | 7 | - | 8 | - | 8 | 8 | 0 | - | - | 0 | * |
| Ashbourne | 18.6 | -2 | NE | 4 | 2o | 54 | 52 | 5 | 5 | - | - | 8 | 8 | - | 25 | - | 1 | * |
| Snaith | 19.6 | -6 | NE | 3 | c | 56 | 52 | 8 | 5 | - | - | 8 | 3 | 8 | 15 | 25 | 1 | * |
| Spurn Head | 19.0 | +2 | NNE | 4 | o | 58 | 55 | 6 | 5 | - | - | 8 | 8 | - | 14 | - | 0 | 3 |
| Catterick (Sc.) | 20.9 | -2 | NE | 2 | 2o | 55 | 52 | 6 | 5 | 7 | - | 8 | 4 | 8 | 25 | 40 | 0 | * |
| Tynemouth | 21.9 | -6 | NE | 3 | c | 56 | 51 | 8 | 5 | - | - | 6 | 6 | - | 26 | - | 0 | 3 |
| Acklington | 20.9 | -2 | NE'E | 1 | c | 55 | 49 | 8 | 5 | 7 | - | 7 | 2 | 5 | 25 | 40 | 0 | - |
| St. Abb's Head | 21.3 | -14 | E | 2 | c | 54 | 46 | 9 | 5 | 7 | - | 6 | 4 | 4 | 40 | - | 0 | 3 |
| Leuchars | 21.6 | -10 | ENE | 2 | b | 56 | 44 | 8 | 5 | - | - | 2 | 2 | - | 50 | - | 1 | * |
| Montrose | 23.0 | -10 | SSE | 2 | bc | 56 | 47 | 9 | 5 | - | 8 | 4 | 4 | 2 | 60 | - | 0 | * |
| Abbotsinch | 19.8 | +10 | ENE | 3 | c.bc | 58 | 46 | 7 | 5 | 5 | - | 5 | 3 | 4 | 50 | - | 1 | * |
| Prestwick | 19.4 | -8 | E | 4 | c | 61 | 46 | 9 | 4 | 7 | - | 8 | 1 | 8 | 30 | 72 | 0 | * |
| West Freugh | 19.0 | -6 | ESE | 4 | c | 57 | 47 | 8 | 5 | 7 | - | 8 | 6 | 8 | 28 | - | 0 | * |
| Eskdalemuir | 20.4 | 0 | NE'E | 7 | c | 53 | 47 | 8 | 5 | - | - | 8 | 8 | - | 25 | - | 0 | * |
| Jurby, I. of Man | 19.6 | -6 | ESE | 3 | c | 57 | 48 | 8 | 5 | 7 | - | 8 | 4 | 8 | 60 | - | 0 | * |
| Machrihanish | 18.7 | -18 | ENE | 3 | c | 61 | 49 | 7 | 7 | 7 | 9 | 6 | 4 | 4 | 30 | - | 0 | 1 |
| Tiree | 20.1 | -12 | NNE | 1 | b.bc | 57 | 50 | 8 | - | 4 | 2 | 3 | 1 | 2 | - | - | 0 | 1 |
| Oban | 19.8 | -14 | WSW | 1 | b | 60 | 52 | 9 | - | 3 | 2 | 2 | 1 | 2 | - | - | 0 | 1 |
| Stornoway | 19.3 | -10 | SW | 1 | bc | 61 | 49 | 9 | 1 | - | 5 | 4 | 2 | 3 | 30 | - | 0 | 1 |
| Cape Wrath | 20.7 | -6 | SW | 3 | bc | 55 | 47 | 9 | 7 | 4 | 5 | 5 | 3 | - | 40 | - | 0 | 3 |
| Dalwhinnie | 20.0 | -10 | SSE | 3 | b | 57 | 42 | 7 | - | - | 5 | 2 | - | 2 | - | - | 0 | * |
| Aberdeen | 22.2 | -8 | S | 2 | bc | 55 | 43 | 8 | 5 | - | 2 | 4 | 3 | 3 | 40 | - | 0 | 2 |
| Fraserburgh | 22.0 | -10 | S'E | 2 | c.bc | 54 | 44 | 9 | 5 | - | 2 | 5 | 1 | 5 | 50 | - | 0 | - |
| Alness | 19.7 | -18 | NE | 2 | bc | 59 | 44 | 9 | - | - | 2 | 4 | 4 | 0 | - | - | 0 | * |
| Wick | 20.7 | -12 | SSE | 3 | bc | 54 | 48 | 9 | - | - | 6 | 4 | 4 | 0 | - | - | 0 | * |
| Hatston | 21.1 | -8 | S | 4 | b.bc | 55 | 46 | 8 | - | - | 5 | 3 | 3 | 3 | - | - | - | * |
| Sumburgh | 21.4 | -4 | SSW | 4 | b | 54 | 50 | 9 | - | - | 5 | 2 | 2 | 0 | - | - | 0 | 3 |
| Sullom Voe | 20.5 | -2 | W | 3 | b | 57 | 45 | 9 | 1 | - | 6 | 1 | 1 | 1 | 18 | - | 0 | * |
| Blacksod Point | 17.0 | -18 | E | 4 | b | 62 | 50 | 8 | 5 | - | - | 1 | 1 | - | 40 | - | 0 | 3 |
| Malin Head | 10.6 | -18 | E'S | 3 | b.bc | 57 | 48 | 8 | 4 | - | - | 3 | 3 | - | 25 | - | 1 | 2 |
| Aldergrove | 18.6 | -14 | E | 2 | irg | 59 | 48 | 8 | 5 | 7 | - | 7 | 3 | 7 | 20 | - | 0 | * |
| Cas. Archdale | 18.7 | -14 | ESE | 3 | c.bc | 60 | 51 | 8 | 5 | 7 | - | 5 | 2 | 5 | 40 | - | 0 | * |
| Birr Castle | 16.8 | -6 | ESE | 2 | c | 55 | 50 | 8 | 5 | 2 | - | 8 | 5 | - | 25 | - | 0 | * |
| Collinstown | 17.1 | -10 | ENE | 4 | c | 55 | 50 | 7 | 5 | - | - | 8 | 8 | - | 23 | - | 0 | * |
| Foynes | 16.0 | -10 | E | 4 | irg | 57 | 48 | 7 | 5 | 7 | - | 7 | 6 | - | 28 | - | 0 | * |
| Valentia | 14.7 | -14 | NE'E | 3 | irg | 58 | 49 | 8 | 1 | 7 | - | 7 | 1 | - | 40 | - | 0 | 2 |
| Roches Point | 15.0 | -8 | NE'N | 3 | roro | 55 | 53 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - | 1 | 3 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 22nd (41) | Weather 12h.–18h. 22nd (42) | Weather 18h. to 00h. 22nd (43) | Weather 00h.–06h. 23rd (44) |
|---|---|---|---|---|
| Kew | cm, idmo | cido mcm. | cmo | omo |
| Croydon | cddmcd.d. | cddmom | cdodom | edodof |
| Boscombe Down | ccm | cbn | cmo | eidomocr |
| Thorney Island | cmo | bccmo | cmo | cmorrcF |
| Friston | | | | |
| Lympne | cdom | cmocz | cmodoff | offe |
| Manston | odofof | ofecmo | cofdod | oFido |
| North Weald | cdodoff | edodfcm | bcdfcff | cffidocff |
| Felixstowe | cdodocm | ododom | ododom | omofeod |
| Gorleston | ocq | bzido | ododo | offe |
| Mildenhall | cmododcm | cdodom | cdodom | cdodofcf |
| Bircham Newton | cirmoc | cmdodom | cdodom | ododoF |
| Cranwell | cdodomo | cdodomo | cidoinocc | bddf |
| Cranfield | ododcm | cdodom | off | offido |
| Honiley | crrmcd.d. | ododom. | odudf | odoFir |
| Little Rissington | crridocm | crroff | oidoF | torroff |
| Shobden | cmoidroro | crrom. | cidodof | oferof |
| Bristol | nrofdc | cmomo | omom mo | woidoRr |
| Chivenor | c | cbc | bcc mo | crovRRr |
| Yeovilton | rdco | ocz | czido | rR |
| Portland Bill | oc | cc | c | prr |
| Exeter | ododocm | cmo | cmo | orrorr |
| Plymouth | cbc | cmoc | cbcemo | crromo |
| St. Eval | cirobc | bc | cbcbcmo | cmororo |
| The Lizard | cz | crrm | dc | cprrr |
| Scilly, St. Marys | ciro | cir | cbc | c |
| Fairwood | crorom oc | cbccbc | bcmocmo | cirmorr |
| Pembroke | crorsc | cz | bcq | orrmo |
| Aberporth | ciro Rr | crnbcmob | | ccroro |
| Penrhos | bccroromo | crorolrgpc | | bcmobcc |
| Holyhead, Valley | c | cijrcm. | bmo | cmbcmoc |
| Hawarden | cmocrorom | cdodomocm | cmocm | cmcidomc |
| Manchester | crodomo | cmocirc | ccmo | bwcmmo |
| Squires Gate | bbccz | ciromo | cmo | cmo |
| Silloth | bcbbc | bcc | c | ccmo |
| Ashbourne | cidorocm | cmoidocm | cmocdo | cmopmo |
| Snaith | ciromc | crrc | cido | cido mo |
| Spurn Head | omo | o | omo | omo |
| Catterick (Sc.) | ccido | c | cmo | cmo |
| Tynemouth | c | c | c | c |
| Acklington | c | c | c | c |
| St. Abb's Head | c | c | cbco | ococ |
| Leuchars | c | ccyb | bcc | c |
| Montrose | bcc | cc | cybcc | |
| Abbotsinch | bcmobcy | bcyomc | cirola | bcc |
| Prestwick | bmowbc | bcycy | cirobcc | ccmo |
| West Freugh | bcwbbcy | bcycy | c | c |
| Eskdalemuir | c | c | c | c |
| Jurby, I. of Man | bby | bybceyid | ccmo | cbccmo |
| Machrihanish | bc | bcc | ciroc | cbc |
| Tiree | bwbccbc | bbcb | bbc | cbcc |
| Oban | b | b | bbcc | cbcc |
| Stornoway | bcwbbc | bcybc | bcb | bcwcw |
| Cape Wrath | bc | bc | bc | bc |
| Dalwhinnie | bbc | bc | * | bcc |
| Aberdeen | bcwcbcw | bcyrbc | bcb | bbcc |
| Fraserburgh | bwcybcb | bcybcc | cbcb | bbc |
| Alness | by | bybcy | bcyb | cbcwfg |
| Wick | b | bybc | bcb | bcc |
| Hatston | b | b | bcb | bbc |
| Sumburgh | bcbw | bw | bcv | |
| Sullom Voe | bcc | cbcb | bcc | bbc |
| Blacksod Point | b | b | r | c |
| Malin Head | b | b | c | c |
| Aldergrove | cwbwbbc | bcbiro | cirororo | cmo |
| Cas. Archdale | bbccbc | bcc | crorocm | coidomo |
| Birr Castle | c | r | | c |
| Collinstown | c | r | c | c |
| Foynes | b | r | c | c |
| Valentia | b | r | c | c |
| Roches Point | c | r | v | v |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil 2=$\frac{1}{10}$ 4=$\frac{1}{2}$ 6=$\frac{9}{10}$ 8=Completely covered.
1=Trace 3=$\frac{1}{4}$ 5=$\frac{3}{4}$ 7=More than 9 but with openings. 9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A=Lowest cloud present.
B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

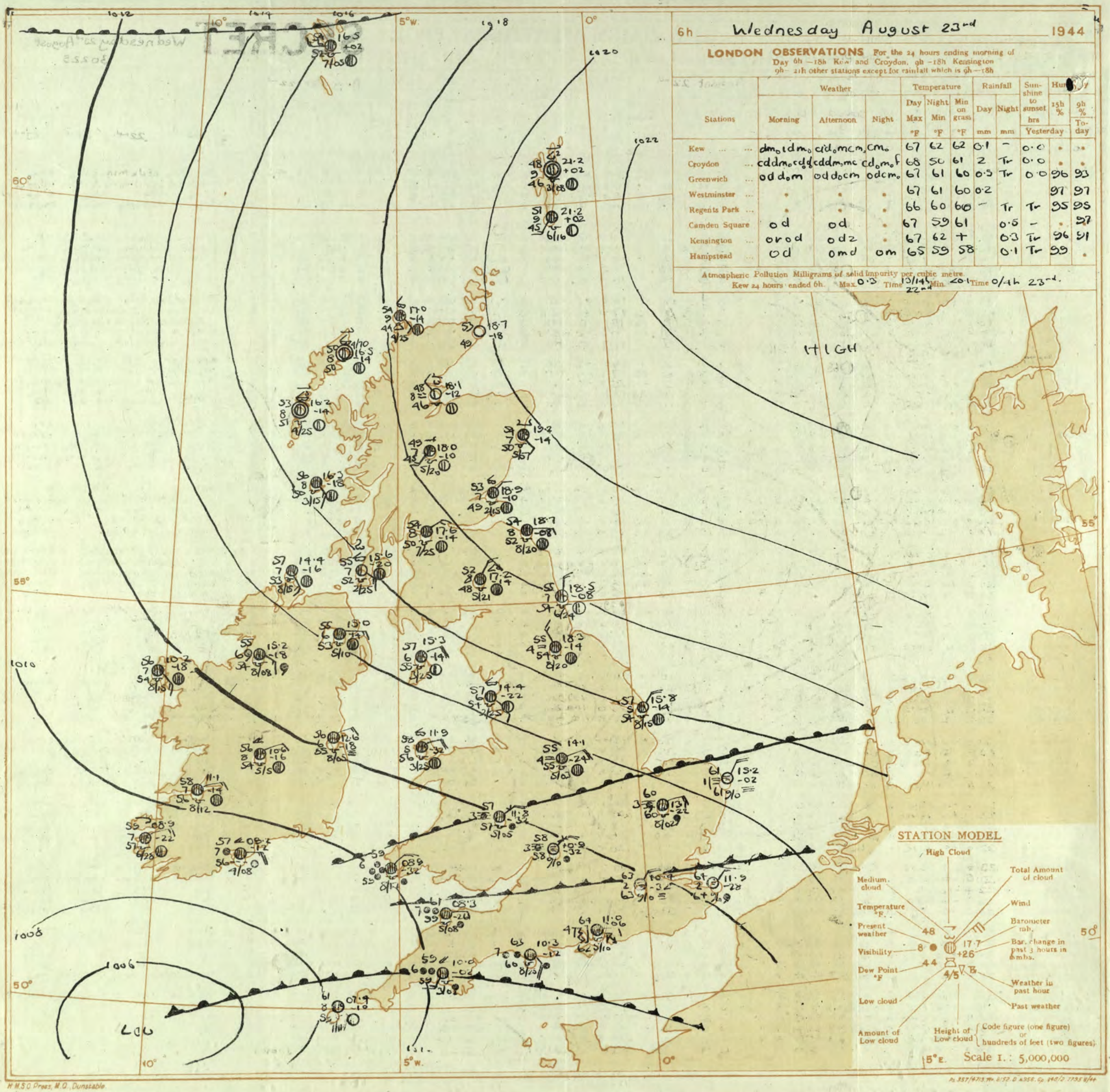
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Wednesday August 23rd 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of
Day 6h – 18h Kew and Croydon. 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | dm₀ ldm₀ | cld₀mcm₂ | cm₀ | 67 | 62 | 62 | 0·1 | – | 0·0 | • | •• |
| Croydon ... | cddm₀cd₀d | cddm₀mc | cd₀m₀f | 68 | 50 | 61 | 2 | Tr | 0·0 | • | • |
| Greenwich ... | odd₀m | odd₀cm | odcm₀ | 67 | 61 | 60 | 0·5 | Tr | 0·0 | 96 | 93 |
| Westminster ... | • | • | • | 67 | 61 | 60 | 0·2 | | | 97 | 97 |
| Regents Park ... | • | • | • | 66 | 60 | 60 | – | Tr | Tr | 95 | 95 |
| Camden Square | od | od | • | 67 | 59 | 61 | | 0·5 | – | • | 97 |
| Kensington ... | ord | odz | • | 67 | 62 | + | | 0·3 | Tr | 96 | 91 |
| Hampstead ... | od | omd | om | 65 | 59 | 58 | | 0·1 | Tr | 99 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0·3 Time 13/14h 22nd Min <0·1 Time 0/4h 23rd.




H.M.S.O. Press, M.O., Dunstable

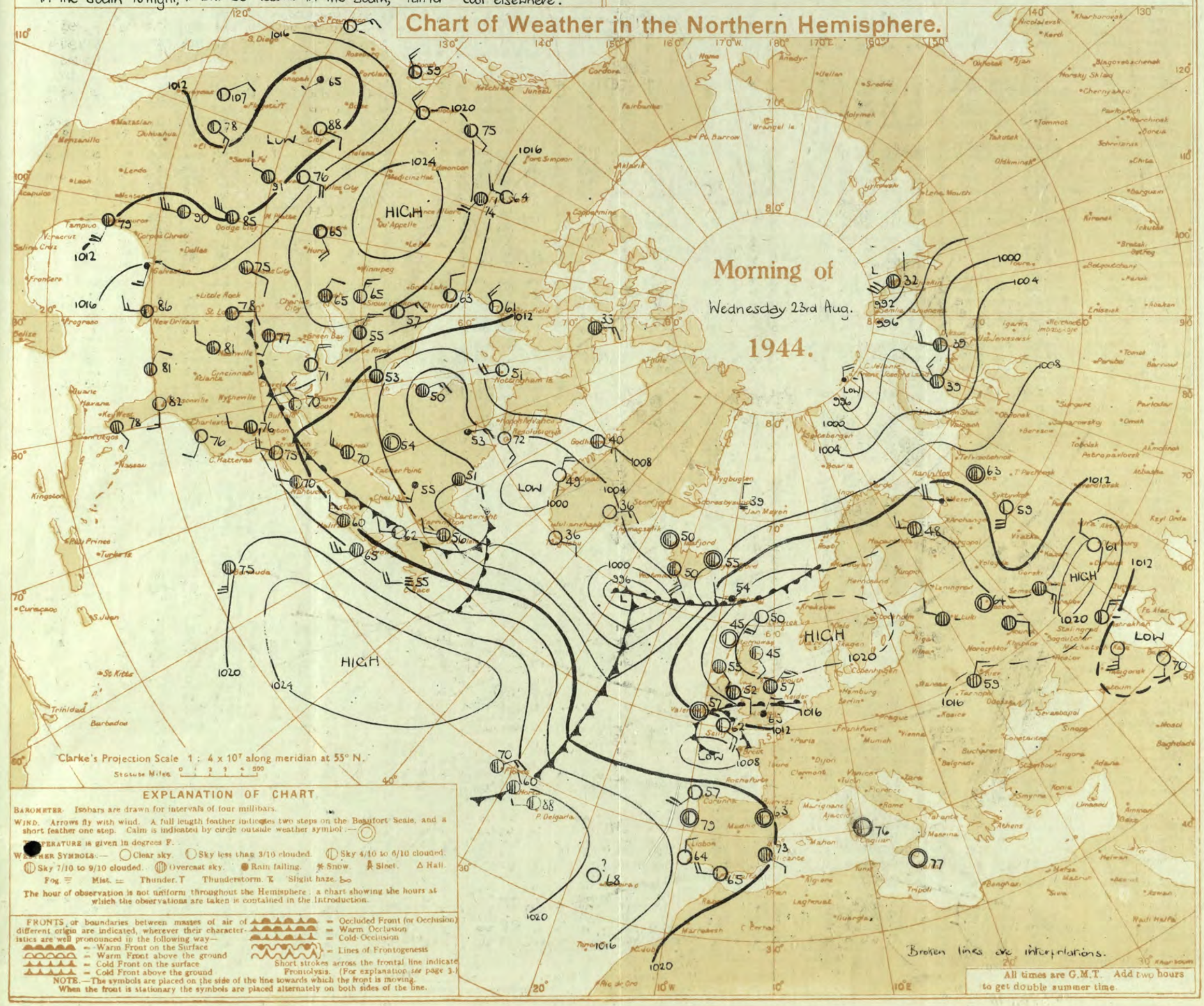
## GENERAL INFERENCE

A depression centred off Southwest England is moving slowly north and associated troughs of low pressure will move northwards across the British Isles. A belt of thundery rain over Northern England will move northwards. Weather will be dull over much of the country at first but brighter conditions will spread slowly up from south though scattered thunderstorms will develop in the South. Considerable fog will form in the South tonight; it will be warm in the South, rather cool elsewhere.

## FURTHER OUTLOOK

Unsettled thundery type.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol :—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere : a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS, or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

Page 4.

## BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Wednesday 23rd Aug 1944

No 30225

### OBSERVATIONS at 00hr. G.M.T. 23rd August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F (6) | Dew Point °F (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Med. (10) | High (11) | Amount Total 0–9 (12) | Low A 0–9 (13) | Low B 0–9 (14) | Height of Base Hundreds of feet A (15) | B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | * | * | * | * | 64 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 15·8 | +2 | NE | | dodo | 63 | 63 | 4 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Boscombe Down | 417 | 15·0 | 0 | ENE | 4 | 20 | 64 | 62 | 5 | 5 | – | – | 8 | 4 | 8 | 6 | 15 |
| | Thorney Island | 10 | 14·3 | -2 | NE | 3 | 20 | 65 | 64 | 6 | 5 | – | – | 3 | 3 | – | 20 | – |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 15·7 | -2 | NNE | 5 | cf | 62 | 62 | 2 | 5 | – | – | 8 | 8 | – | – | – |
| | Manston | 140 | 15·5 | -6 | NE'N | 3 | Ft | 62 | 62 | 1 | 7 | – | – | 9 | 9 | – | 0 | – |
| 2 | North Weald | 244 | 16·7 | -2 | NE | 3 | f | 62 | 62 | 3 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Felixstowe | 10 | 16·4 | -4 | NNE | 3 | 20 | 63 | 62 | 6 | 5 | – | – | 8 | 8 | – | | – |
| | Gorleston | 5 | 16·3 | -6 | N'E | 3 | dodo | 61 | 59 | 5 | 6 | – | – | 8 | 8 | – | 6 | |
| | Mildenhall | 15 | 16·6 | -10 | NE'N | 2 | dodo | 61 | 60 | 3 | 5 | – | – | 8 | 8 | – | – | – |
| | Bircham Newton | 221 | 17·1 | -12 | ENE | 2 | m | 59 | 59 | 4 | 5 | – | – | 8 | 2 | 8 | – | 8 |
| | Cranwell | 203 | 17·8 | -10 | – | 0 | ido | 57 | 57 | 4 | 5 | – | – | 8 | 8 | – | 6 | – |
| 3 | Cranfield | 340 | 16·4 | -6 | NE | 3 | df | 60 | 60 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Honiley | 427 | 17·3 | -2 | NE | 2 | df | 56 | 56 | 3 | 5 | – | – | 8 | 8 | – | 4 | – |
| 4 | Little Rissington | 731 | 15·7 | -6 | ENE | 4 | df | 58 | 58 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Shobden | 318 | 17·5 | -4 | NE | 3 | df | 55 | 55 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| 5 | Bristol | 209 | 13·1 | -4 | NE | 2 | 20 | 62 | 60 | 5 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Chivenor | 20 | 12·4 | -10 | E | 3 | 20 | 64 | 61 | 6 | 5 | – | – | 8 | 3 | 8 | 15 | 40 |
| | Yeovilton | 50 | 13·6 | -4 | E'N | 3 | ido | 65 | 54 | 5 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Portland Bill | 32 | 12·7 | -4 | NE | 4 | o | 62 | 58 | 7 | 5 | – | – | 8 | 8 | – | 45 | – |
| | Exeter | 100 | 13·1 | 0 | NE | 2 | iro | 65 | 63 | 6 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Plymouth | 86 | 12·1 | -4 | ENE | 4 | ir | 65 | 63 | 6 | 5 | 2 | – | 8 | 4 | 8 | 15 | 57 |
| | St. Eval | 345 | 11·9 | +2 | ESE | 3 | 20 | 62 | 60 | 6 | 5 | – | – | 7 | 7 | – | 10 | – |
| | The Lizard | 240 | 10·2 | 0 | SE | 4 | 20 | 62 | 59 | 6 | 5 | – | – | 4 | 4 | – | 10 | – |
| | Scilly, St. Marys | 163 | 09·7 | +2 | ESE | 4 | bc | 62 | 61 | 8 | 8 | 4 | – | 4 | 4 | 3 | – | – |
| 6 | Fairwood | 268 | 14·2 | -4 | E'N | 4 | 20 | 62 | 59 | 5 | 5 | 7 | – | 8 | 4 | 8 | 18 | – |
| | Pembroke | 142 | 14·1 | 0 | ENE | 5 | cq | 59 | 59 | 7 | 2 | – | – | 2 | 2 | – | 25 | – |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 15·4 | -4 | – | 3 | 20 | 59 | 54 | 6 | 5 | – | 2 | 4 | 4 | 3 | 30 | – |
| | Holyhead, Valley | 32 | 16·2 | -6 | E'S | 2 | 20 | 52 | 51 | 4 | 5 | – | – | 5 | 5 | – | 10 | – |
| | Hawarden | 15 | 18·0 | -2 | – | 0 | m | 56 | 54 | 4 | 5 | – | – | 8 | 8 | – | 13 | – |
| 8 | Manchester | 230 | 17·8 | -2 | ENE | 2 | bc | 55 | 52 | 7 | 5 | – | – | 3 | 3 | – | 20 | – |
| | Squires Gate | 30 | 17·5 | -6 | E'S | 4 | 20 | 56 | 53 | 6 | 5 | – | – | 8 | 8 | – | 26 | – |
| | Silloth | 25 | 18·6 | -16 | NE'N | 4 | bc | 53 | 49 | 7 | 5 | – | – | 4 | 4 | 2 | 36 | – |
| 9 | Ashbourne | 590 | 18·4 | -4 | NNE | 3 | ido | 54 | 53 | 5 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Snaith | 30 | 19·2 | -10 | NNW | 2 | ido | 55 | 54 | 7 | 5 | – | – | 8 | 8 | – | 8 | – |
| 10 | Spurn Head | 29 | 17·1 | -6 | NE'N | 3 | 20 | 57 | 56 | 6 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Catterick (Sc) | 195 | 20·2 | -6 | NW | 2 | 20 | 54 | 52 | 6 | 5 | – | – | 8 | 8 | – | 23 | – |
| | Tynemouth | 108 | 21·1 | -4 | NNE | 2 | c | 55 | 53 | 7 | 5 | – | – | 7 | 7 | – | – | – |
| | Acklington | 138 | 20·5 | -6 | NNE | 1 | c | 54 | 52 | 7 | 5 | – | – | 8 | 8 | – | 29 | – |
| 11 | St. Abb's Head | 280 | 20·3 | -6 | E | 2 | o | 54 | 50 | 8 | 5 | – | – | 8 | 8 | – | 30 | – |
| | Leuchars | 31 | 20·9 | -6 | – | 0 | bc | 53 | 47 | 7 | 5 | 7 | – | 8 | 6 | 8 | 32 | – |
| | Montrose | 22 | 22·0 | -4 | – | 0 | c | 50 | 46 | 9 | 5 | 7 | – | 8 | 7 | 8 | 25 | – |
| 12 | Abbotsinch | 19 | 19·3 | -8 | ENE | 2 | bc | 54 | 48 | 7 | 5 | – | – | 4 | 4 | – | 20 | |
| | Prestwick | 30 | 18·9 | -6 | NE | 4 | c | 54 | 47 | 7 | 5 | – | – | 8 | 4 | 8 | 25 | 40 |
| | West Freugh | 53 | 17·8 | -10 | ESE | 2 | c | 55 | 50 | 7 | 5 | – | – | 8 | 8 | – | 24 | – |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 17·6 | -14 | E'S | 4 | 20 | 58 | 53 | 6 | 5 | 7 | – | 7 | 6 | 7 | 20 | – |
| 13A | Machrihanish | 35 | 17·9 | -12 | E'N | 3 | c | 55 | 50 | 7 | 5 | 7 | – | 5 | 4 | 3 | 25 | – |
| | Tiree | 44 | 18·4 | -10 | SE | 3 | bc | 56 | 48 | 8 | 5 | – | – | 4 | 4 | – | 70 | – |
| | Oban | 74 | 19·3 | -4 | SE | 1 | c | 55 | 48 | 9 | 5 | – | – | 8 | 6 | – | 30 | – |
| 13B | Stornoway | 12 | 18·8 | -6 | – | 0 | bc | 45 | 44 | 8 | – | 4 | 1 | 2 | 1 | 2 | – | – |
| | Cape Wrath | 367 | 19·6 | -8 | E | 2 | bc | 52 | 46 | 9 | 5 | – | – | 3 | 3 | – | 4 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 20·9 | -4 | SSE | 2 | bc | 45 | 43 | 8 | 5 | – | – | 4 | 3 | 4 | 35 | 40 |
| | Fraserburgh | 76 | 21·5 | -2 | S'E | 1 | bc | 46 | 42 | 9 | 5 | – | 1 | 2 | 2 | 1 | 40 | – |
| | Alness | 63 | 20·1 | -2 | W | 3 | bc | 48 | 45 | 9 | 5 | – | – | 1 | 1 | – | 30 | – |
| | Wick | 114 | 20·7 | -2 | S | 3 | b | 51 | 46 | 9 | – | – | – | 0 | 0 | 0 | – | – |
| 16 | Hatston | 45 | 20·9 | +2 | S'E | 3 | b | 50 | 47 | 7 | – | – | 2 | 1 | | 1 | – | – |
| | Sumburgh | 15 | 21·4 | 0 | SSW | 2 | bc | 50 | 48 | 9 | – | – | 5 | 4 | 4 | – | – | – |
| | Sullom Voe | 12 | 21·3 | +4 | SSW | 4 | bc | 50 | 46 | 9 | 5 | 4 | – | – | 2 | 1 | 15 | – |
| 17 | Blacksod Point | 18 | 15·3 | -12 | SE'E | 3 | iro | 55 | 50 | 7 | 6 | 2 | – | 8 | 4 | – | 15 | – |
| 18 | Malin Head | 84 | 17·3 | -10 | SE | 1 | c | 55 | 50 | 8 | 5 | – | – | 7 | 1 | – | 15 | – |
| | Aldergrove | 294 | 17·3 | -10 | E'S | 3 | 20 | 55 | 54 | 6 | 5 | – | – | 6 | 6 | – | 15 | – |
| | Cas. Archdale | 240 | 17·8 | -10 | E'S | 2 | c | 52 | 52 | 6 | 5 | 2 | – | 8 | 6 | 8 | 18 | – |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 15·7 | -8 | NE'N | 2 | c | 54 | 53 | 8 | 5 | – | – | 5 | 5 | – | 15 | – |
| 20 | Foynes | 3 | 14·1 | -14 | ESE | 4 | c | 55 | 50 | 7 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Valentia | 30 | 12·9 | -3 | – | 0 | c | 57 | 52 | 8 | 5 | – | – | 7 | 7 | – | 57 | – |
| | Roches Point | 22 | 12·5 | -12 | E'N | 3 | rr | 57 | 56 | 6 | 6 | 2 | – | 8 | 4 | – | 8 | – |

### OBSERVATIONS at 06hr. G.M.T. 23rd August — PAST 24 HOURS

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Med (26) | High (27) | Amount Total 0–9 (28) | Low A 0–9 (29) | Low B 0–9 (30) | Height of Base Hundreds of feet A (31) | B (32) | State of Ground 0–9 (33) | Sea 0–9 (34) | Temperature Max. Day 6h-18h °F (35) | Min. Night 18h-6h °F (36) | Min. on Grass °F (37) | Rainfall Day 6h-18h mm. (38) | Night 18h-6h mm. (39) | Sunshine 22nd Hrs. (40) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 10·6 | -26 | ENE | 2 | 20 | 63 | 61 | 5 | 5 | – | – | 8 | 8 | – | 25 | – | 1 | * | 67 | 62 | 62 | 0·1 | – | 0·0 |
| Croydon | 10·4 | -32 | NE'N | 4 | f | 63 | 63 | 2 | – | – | – | 0 | 0 | 0 | – | – | 1 | * | 68 | 58 | 61 | 2 | Tr | 0·0 |
| Boscombe Down | 11·3 | -16 | ENE | 3 | rr | 61 | 61 | 3 | 8 | 8 | – | 8 | 5 | 8 | 3 | 8 | 1 | * | 68 | 53 | 55 | – | 24 | 1·4 |
| Thorney Island | 11·0 | -6 | E | 2 | [illegible] | 64 | 62 | 4 | 5 | – | – | 8 | 5 | 8 | 10 | 15 | 1 | * | 77 | 64 | 61 | – | 11 | * |
| Friston | | | | | | | | | | | | | | | | | | * | | | | | | |
| Lympne | 10·9 | 6 | NE | 4 | bclf | 65 | 64 | 4 | 5 | – | 1 | 4 | 2 | 3 | 2 | – | 0 | §4 | 76 | 61 | 57 | Tr | Tr | 3·0 |
| Manston | 11·7 | -28 | NE'E | 4 | f | 64 | 64 | 2 | 5 | – | – | 9 | 8 | – | 1 | – | 1 | * | 72 | 62 | 62 | 0·3 | Tr | 2·2 |
| North Weald | 12·4 | -28 | NNE | 3 | Ft | 60 | 60 | 0 | – | – | – | 0 | 0 | 0 | – | – | 1 | * | 65 | 60 | * | * | * | * |
| Felixstowe | 13·6 | -22 | NE | 4 | df | 62 | 62 | 1 | – | – | – | 0 | 0 | 0 | – | – | 1 | 1 | 66 | 61 | 61 | Tr | – | 0·0 |
| Gorleston | [illegible] | -2 | N'E | 4 | Ft | 61 | 61 | 1 | – | – | – | 0 | 0 | 0 | – | – | 1 | 3 | 63 | 61 | 61 | Tr | 0·1 | 0·0 |
| Mildenhall | 13·1 | -22 | ENE | 3 | df | 60 | 60 | 3 | 5 | – | – | 8 | 8 | – | 2 | – | 1 | * | 64 | 60 | 59 | 0·1 | 0·1 | 0·0 |
| Bircham Newton | 14·2 | -16 | ENE | 3 | f | 59 | 59 | 1 | – | – | – | 0 | 0 | 0 | – | – | 1 | * | 62 | 58 | 58 | Tr | Tr | * |
| Cranwell | 14·0 | -20 | NNE | 3 | df | 58 | 58 | 2 | – | – | – | 0 | 0 | 0 | – | – | 1 | * | 58 | 56 | 50 | 3 | Tr | 0·0 |
| Cranfield | 12·4 | -24 | NE | 4 | df | 59 | 59 | 1 | – | – | – | 0 | 0 | 0 | – | – | 1 | * | 61 | 58 | 59 | 1 | Tr | * |
| Honiley | 13·0 | -16 | NE | 4 | rf | 57 | 57 | 3 | 5 | – | – | 8 | 8 | – | 3 | – | 1 | * | 57 | 57 | 56 | 5 | Tr | * |
| Little Rissington | 10·9 | -26 | NE | 5 | roro | 58 | 58 | 3 | – | – | – | 0 | 0 | 0 | – | – | 1 | * | [illegible] | 57 | 55 | 21 | 5 | * |
| Shobden | 11·8 | -32 | NE | 4 | rf | 51 | 57 | 3 | 5 | – | – | 8 | 5 | 8 | 5 | 15 | 1 | * | 56 | 55 | 54 | 7 | 5 | * |
| Bristol | 10·8 | -22 | NE'E | 2 | rr | 60 | 60 | 6 | 5 | – | – | 8 | 8 | – | 3 | – | 1 | * | 62 | 60 | 60 | 2 | 6 | 0·0 |
| Chivenor | 08·3 | -26 | E | 2 | roro | 61 | 57 | 7 | 5 | – | – | 8 | 5 | 8 | 8 | 25 | 1 | * | 68 | 60 | 58 | 1·0 | 21 | * |
| Yeovilton | 09·4 | -24 | E'S | 3 | RR | 63 | 63 | 5 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | * | 68 | 63 | 62 | 0·1 | 9 | * |
| Portland Bill | 10·3 | -12 | ESE | 4 | rr | 63 | 60 | 7 | 5 | – | – | 8 | 8 | – | 25 | – | 1 | 4 | 65 | 60 | * | – | 2 | * |
| Exeter | 09·5 | -20 | SE | 4 | RR | 65 | 65 | 4 | – | 2 | – | 8 | 8 | – | 8 | – | 1 | * | 69 | 62 | 61 | 6 | 34 | * |
| Plymouth | 10·0 | -2 | SSW | 3 | roro | 59 | 59 | 6 | 5 | 2 | – | 8 | 3 | 7 | 2 | 8 | 1 | 2 | 68 | 59 | 58 | 2 | 12 | 0·0 |
| St. Eval | 09·5 | -8 | SSE | 3 | roro | 59 | 59 | 6 | 5 | 7 | – | 8 | 3 | 8 | 5 | – | 1 | * | 71 | 58 | 58 | Tr | 5 | * |
| The Lizard | 08·7 | -8 | ESE | 5 | rr | 60 | 60 | 6 | 5 | – | – | 7 | 7 | – | 10 | – | 1 | 4 | 63 | 58 | * | 6 | 7 | 0·3 |
| Scilly, St. Marys | 07·4 | -10 | SE'E | 4 | c | 61 | 59 | 8 | 5 | – | – | 7 | 7 | – | 11 | – | 1 | 4 | 63 | 60 | * | 2 | – | 0·8 |
| Fairwood | 09·7 | -22 | NE | 2 | RR | 59 | 58 | 5 | 6 | 2 | – | 8 | 6 | – | 7 | 72 | 1 | * | – | 58 | 50 | 6 | 13 | * |
| Pembroke | 08·9 | -32 | NE | 3 | RR | 59 | 59 | 6 | 5 | – | – | 8 | 8 | – | 17 | – | 1 | 1 | 63 | 53 | * | 10 | 10 | 2·4 |
| Aberporth | 10·4 | -20 | E'S | 3 | roro | 60 | 51 | 7 | 5 | – | – | 8 | 6 | 8 | 8 | 40 | 1 | 3 | 63 | 57 | 50 | 19 | 0·3 | 3·9 |
| Penrhos | 10·0 | -34 | ENE | 4 | c | 62 | 56 | 8 | 5 | 5 | – | 7 | 3 | 7 | 25 | – | 0 | 2 | 61 | 52 | 45 | 10 | – | * |
| Holyhead, Valley | 11·9 | -32 | ENE | 4 | 20 | 58 | 56 | 5 | 5 | 7 | – | 7 | 3 | 5 | 25 | 40 | 0 | 3 | 60 | 52 | 46 | 0·2 | – | * |
| Hawarden | 13·8 | -20 | NNW | 1 | m | 55 | 54 | 4 | 5 | – | – | 8 | 8 | – | 12 | – | 0 | * | 57 | 55 | 55 | 2 | Tr | 0·0 |
| Manchester | 14·5 | -20 | NE | 2 | c | 55 | 54 | 6 | 5 | 3 | 1 | 6 | 5 | 5 | 10 | – | 1 | * | 57 | 51 | 45 | 3 | – | * |
| Squires Gate | 14·4 | -22 | ESE | 1 | 20 | 57 | 54 | 6 | 5 | 7 | – | 7 | 2 | 5 | 25 | 40 | 0 | 0 | 60 | 55 | 55 | Tr | – | * |
| Silloth | 16·4 | -18 | NE | 4 | c | 53 | 52 | 6 | 5 | – | – | 7 | 7 | – | 35 | – | 0 | * | 63 | 53 | 54 | | – | * |
| Ashbourne | 14·1 | -24 | ENE | 4 | 20 | 55 | 55 | 4 | 5 | – | – | 8 | 5 | 8 | 3 | 15 | 1 | * | 54 | 53 | 52 | 1 | Tr | * |
| Snaith | 16·4 | -18 | NNE | 2 | c/d | 57 | 55 | 6 | 5 | 7 | – | 8 | 4 | 5 | 15 | 40 | 1 | * | 57 | 54 | 54 | – | Tr | * |
| Spurn Head | 15·8 | -14 | NE'N | 4 | 20 | 57 | 54 | 5 | 5 | – | – | 8 | 8 | – | – | – | 1 | 4 | 60 | 56 | * | Tr | Tr | 0·0 |
| Catterick (Sc) | 18·3 | -14 | N'W | 3 | m | 55 | 54 | 4 | 5 | – | – | 8 | 8 | – | 20 | – | 0 | * | 56 | 53 | 53 | 0·1 | – | 0·0 |
| Tynemouth | 18·5 | -8 | N | 3 | c | 55 | 54 | 7 | 5 | – | – | 0 | 0 | – | 24 | – | 0 | 2 | 57 | 55 | 54 | – | – | * |
| Acklington | 18·6 | -12 | NNE | 2 | c | 55 | 53 | 7 | 5 | – | – | 8 | 5 | 8 | 20 | 40 | 0 | * | 57 | 54 | 53 | – | – | * |
| St. Abb's Head | 18·7 | -8 | E | 1 | c | 54 | 52 | 8 | 5 | – | – | 8 | 8 | – | 30 | – | 0 | 1 | 55 | 53 | * | – | – | * |
| Leuchars | 18·9 | -10 | NE | 1 | c | 53 | 49 | 7 | 5 | 7 | – | 8 | 2 | 5 | 15 | 25 | 0 | * | 59 | 52 | 49 | – | – | 5·0 |
| Montrose | 20·4 | -10 | NW | 1 | c | 52 | 48 | 8 | – | 7 | – | 8 | – | 8 | – | – | 0 | * | 59 | 47 | 40 | – | – | * |
| Abbotsinch | 17·6 | -14 | ENE | 3 | c | 54 | 50 | 8 | 5 | – | – | 7 | 7 | – | 25 | – | 1 | * | 61 | 53 | 48 | – | Tr | 10·2 |
| Prestwick | 18·7 | -6 | NE | 4 | 20 | 52 | 49 | 6 | 5 | – | – | 5 | 3 | 5 | 50 | – | 0 | * | 6[illegible] | 52 | 53 | – | – | * |
| West Freugh | 14·9 | -24 | E | 4 | c | [illegible] | [illegible] | 8 | 5 | 7 | – | 6 | 4 | 7 | 40 | – | 0 | * | 65 | 53 | 49 | – | – | 4·4 |
| Eskdalemuir | 17·2 | -14 | N'E | 3 | c | 57 | 56 | 8 | 5 | 1 | – | 8 | 5 | 8 | 21 | – | 0 | * | 61 | 56 | 54 | – | – | * |
| Jurby, I. of Man | 15·3 | -14 | ENE | 4 | 20 | 57 | 55 | 6 | 5 | – | – | 7 | 3 | 7 | 25 | 57 | 0 | * | 64 | 56 | 54 | Tr | – | * |
| Machrihanish | 15·6 | -20 | E'S | 3 | bc | 53 | 52 | 7 | 5 | 7 | 9 | 4 | 2 | 4 | 25 | 40 | 0 | 2 | 63 | 53 | 51 | – | Tr | * |
| Tiree | 16·3 | -18 | SE | 3 | c | 56 | 50 | 8 | 5 | – | – | 8 | 3 | 8 | 15 | 40 | 0 | | 61 | 50 | 43 | – | – | 11·7 |
| Oban | 17·2 | -14 | – | 0 | c | 53 | 49 | 8 | 5 | – | 2 | 7 | 1 | 4 | 25 | 40 | 0 | 1 | 62 | 51 | * | – | – | 14·2 |
| Stornoway | 16·5 | -14 | – | 0 | bc | 50 | 50 | 8 | – | 7 | 1 | 4 | 4 | 4 | 70 | – | 0 | 0 | 62 | 42 | 33 | – | – | * |
| Cape Wrath | 17·0 | -14 | SE | 2 | c | 54 | 44 | 9 | 2 | 7 | – | 7 | – | 0 | – | – | 0 | 3 | 64 | 54 | * | – | – | 12·5 |
| Dalwhinnie | 18·0 | -10 | SSW | 3 | c | 49 | 45 | 7 | 5 | – | 8 | 7 | 5 | 7 | 20 | – | 0 | * | 64 | 46 | 40 | – | – | * |
| Aberdeen† | 19·2 | -14 | SE | 2 | c | 54 | 50 | 7 | 5 | – | 1 | 7 | 5 | 6 | – | – | 0 | 2 | 58 | 46 | 36 | – | – | 8·3 |
| Fraserburgh | 19·7 | -14 | SE | 3 | c | 53 | 50 | 9 | 5 | 7 | 1 | 5 | 4 | 5 | 35 | – | 0 | 0 | 58 | 43 | 35 | – | – | * |
| Alness | 18·1 | -12 | NW | 2 | [illegible] | 48 | 46 | 8 | 5 | 3 | 5 | 3 | 1 | 1 | 35 | – | 0 | * | 65 | 41 | 36 | – | – | * |
| Wick | 18·7 | -18 | SE | 4 | [illegible] | 53 | 49 | 5 | 5 | 3 | – | 7 | 6 | 1 | 60 | – | 0 | * | 55 | 50 | 41 | – | – | * |
| Hatston | 19·0 | -16 | SE'E | 2 | c | 53 | 49 | 8 | 5 | 3 | – | 5 | 4 | 5 | 30 | – | * | * | * | * | * | * | * | * |
| Sumburgh | 21·2 | +2 | S'W | 3 | c | 5[illegible] | 45 | 9 | 5 | – | – | 6 | 6 | – | 16 | – | 0 | 2 | 56 | 43 | 41 | – | – | 13·4 |
| Sullom Voe | 21·2 | 12 | – | 0 | bc | 48 | 46 | 9 | 5 | 4 | 1 | 4 | 3 | 2 | 8 | – | 0 | * | 60 | 43 | 35 | – | – | * |
| Blacksod Point | 12·0 | -18 | SE | 3 | c | 56 | 54 | 7 | 5 | – | – | 8 | 8 | – | 15 | – | 1 | 1 | 63 | 53 | * | – | 0·5 | * |
| Malin Head | 14·4 | -16 | SSE | 3 | c | 57 | 52 | 7 | 5 | – | – | 8 | 8 | – | 15 | – | 1 | 3 | 57 | 53 | * | | 0·6 | 11·8 |
| Aldergrove | 15·0 | -14 | E | 3 | 20 | 55 | 53 | 6 | 5 | – | – | 8 | 5 | 8 | 10 | 25 | 1 | * | 61 | 52 | 50 | Tr | 2 | 9·4 |
| Cas. Archdale | 15·2 | -18 | ESE | 3 | ido | 55 | 54 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | * | 63 | 50 | * | – | 2 | 4·6 |
| Birr Castle | 10·6 | -16 | ENE | 2 | c | 56 | 54 | 8 | 5 | 2 | – | 7 | 5 | – | 25 | – | 0 | * | 63 | 53 | 52 | 0·2 | – | 0·7 |
| Collinstown | 12·6 | -18 | ENE | 3 | [illegible] | 56 | 55 | 6 | 5 | – | – | 8 | 8 | – | 4 | – | 0 | * | 58 | 53 | 51 | Tr | Tr | 8·1 |
| Foynes | 11·1 | -14 | ENE | 3 | c | 58 | 56 | 7 | 5 | – | – | 8 | 8 | – | 15 | – | 1 | * | [illegible] | 54 | 55 | Tr | 0·4 | 9·0 |
| Valentia | 08·9 | -22 | E'N | 3 | c | 59 | 51 | 7 | 5 | – | 9 | 7 | 6 | – | 25 | – | 1 | | 64 | 56 | 53 | Tr | 2 | |
| Roches Point | 09·2 | -12 | E | 5 | iro | 57 | 56 | 7 | 6 | 2 | – | 8 | 4 | – | 8 | – | 1 | | 59 | 54 | * | 10 | 2 | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil  2 = 1/10  4 = 1/2  6 = 9/10  8 = Completely covered.
1 = Trace  3 = 1/4  5 = 3/4  7 = More than 9 but with openings.  9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Thursday August 24th 1944

No. 30226

## OBSERVATIONS at 12h. G.M.T. Wednesday 23rd

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 14.0 | +14 | SW'S | 4 | c | 71 | 60 | 8 | 2 | - | 6 | 6 | 5 | 6 | 25 | · |
| | Croydon | 13.5 | +16 | S'W | 4 | c/bc | 75 | 60 | 8 | 1 | - | 2 | 5 | 3 | 4 | 25 | - |
| | Boscombe Down | 14.0 | +9 | S | 3 | c | 68 | 57 | 7 | 2 | - | 6 | 6 | 4 | 3 | 10 | - |
| | Thorney Island | 14.6 | +26 | SSW | 3 | c | 70 | 58 | 8 | 1 | - | 2 | 7 | 2 | 6 | 20 | · |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 15.2 | +22 | S | 4 | c | 73 | 63 | 8 | 5 | - | 2 | 6 | 1 | 6 | 11 | - |
| | Manston | 14.7 | +24 | SW'S | 5 | bc | 75 | 57 | 8 | 1 | 3 | 9 | 9 | 1 | 3 | 30 | - |
| 2 | North Weald | 13.4 | +10 | S | 3 | z0 | 77 | 69 | 6 | 1 | - | - | 4 | 2 | 4 | 30 | - |
| | Felixstowe | 13.6 | +10 | S'W | 4 | z | 73 | 66 | 6 | - | - | 5 | 4 | 4 | - | 90 | - |
| | Gorleston | 12.1 | -6 | SW | 4 | z0 | 74 | 66 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| | Mildenhall | 12.5 | +6 | SW | 4 | c.bc | 78 | 66 | 6 | 5 | - | - | 5 | 5 | - | 25 | - |
| | Bircham Newton | 12.1 | -2 | SSW | 4 | z0 | 78 | 67 | 6 | 1 | 3 | 2 | 4 | 3 | 3 | 10 | - |
| | Cranwell | 12.9 | +4 | ESE | 3 | c/f | 64 | 64 | 5 | 5 | - | - | 8 | 4 | 8 | 4 | 15 |
| 3 | Cranfield | 12.7 | +2 | S | 4 | c.bc | 72 | 62 | 7 | 5 | - | - | 5 | 3 | 5 | 9 | 25 |
| | Honiley | 12.1 | -2 | S | 3 | z | 65 | 53 | 5 | 5 | - | - | 6 | 4 | 6 | 6 | 15 |
| 4 | Little Rissington | 12.5 | +10 | SSW | 4 | c.bc | 65 | 60 | 8 | 2 | - | 1 | 5 | 5 | 3 | 20 | - |
| | Shobden | 11.9 | +6 | SSE | 3 | z0 | 66 | 63 | 6 | 8 | - | - | 6 | 4 | 5 | 6 | 15 |
| 5 | Bristol | 12.9 | +24 | SSW | 4 | bc | 70 | 56 | 8 | 2 | - | - | 4 | 3 | 3 | 25 | - |
| | Chivenor | 10.9 | +14 | SSW | 4 | c.bc | 69 | 58 | 9 | 2 | 4 | 4 | 5 | 5 | 1 | 18 | - |
| | Yeovilton | 12.9 | +16 | SSW | 4 | bc | 69 | 61 | 8 | 2 | 6 | 8 | 4 | 3 | 4 | 15 | 25 |
| | Portland Bill | 14.3 | +16 | S | 3 | c.bc | 65 | 62 | 8 | 2 | - | - | 5 | 5 | - | 50 | - |
| | Exeter | 12.4 | +6 | S | 5 | c | 66 | 62 | 8 | 2 | - | 6 | 6 | 3 | 3 | 15 | - |
| | Plymouth | 12.3 | +12 | S | 3 | bc | 65 | 60 | 7 | 5 | - | - | 4 | 3 | 4 | 14 | 25 |
| | St. Eval | 10.5 | +6 | S'E | 5 | c | 66 | 61 | 8 | 5 | 7 | - | 6 | 4 | 5 | 6 | 15 |
| | The Lizard | 10.3 | +16 | SE | 5 | bc | 65 | 62 | 7 | 7 | - | - | 4 | 4 | - | 25 | · |
| | Scilly, St. Marys | 08.2 | +6 | SE'S | 5 | c | 65 | 62 | 7 | 8 | · | - | 7 | 7 | - | 14 | · |
| 6 | Fairwood | 10.9 | +12 | SSE | 4 | b.bc | 68 | 55 | 8 | 2 | 3 | 1 | 3 | 3 | 1 | 20 | - |
| | Pembroke | 09.8 | +6 | S'E | 3 | c.bc | 63 | 61 | 7 | 8 | 6 | - | 5 | 4 | 3 | 20 | - |
| | Aberporth | 09.6 | +2 | SSW | 5 | c.bc | 67 | 58 | 9 | 2 | - | 1 | 5 | 4 | 3 | 25 | · |
| 7 | Penrhos | 10.7 | +2 | ESE | 5 | c/r | 63 | 60 | 8 | 5 | 3 | 1 | 6 | 3 | 5 | 17 | 25 |
| | Holyhead, Valley | 09.6 | -6 | ESE | 3 | c | 64 | 60 | 8 | 5 | 7 | - | 7 | 1 | 4 | 15 | 25 |
| | Hawarden | 11.4 | -6 | SE | 2 | c/d | 60 | 59 | 4 | 6 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| 8 | Manchester | 12.2 | +6 | N'E | 3 | c | 61 | 59 | 6 | 5 | 2 | - | 8 | 5 | 8 | 18 | - |
| | Squires Gate | 11.8 | +2 | SE'S | 4 | z0 | 62 | 53 | 6 | 5 | - | - | 8 | 5 | 8 | 10 | 25 |
| | Silloth | 13.6 | -14 | ENE | 1 | z0 | 59 | 56 | 6 | 5 | 7 | - | 8 | 5 | 8 | 35 | · |
| 9 | Ashbourne | 12.7 | +2 | ESE | 2 | d.d0 | 59 | 59 | 4 | - | - | - | 9 | 9 | 0 | - | - |
| | Snaith | 13.5 | -10 | E | 3 | id0 | 61 | 60 | 6 | 5 | - | - | 8 | 8 | - | 5 | · |
| 10 | Spurn Head | 12.9 | -6 | SE | 2 | cjf | 64 | 61 | 6 | 5 | - | - | 8 | 8 | - | 3 | · |
| | Catterick (Sc.) | 13.9 | -18 | NNE | 3 | m | 62 | 59 | 4 | 8 | - | - | 8 | 8 | - | 20 | · |
| | Tynemouth | 15.4 | -12 | N | 3 | cF+ | 58 | 57 | 3 | 5 | - | - | 8 | 8 | - | 15 | · |
| | Acklington | 15.1 | -16 | ENE | 3 | c | 60 | 57 | 7 | 5 | - | - | 8 | 8 | - | 5 | · |
| 11 | St. Abb's Head | 14.6 | -26 | NE | 1 | F+ | 55 | 54 | 2 | - | - | - | 9 | 9 | - | - | - |
| | Leuchars | 16.3 | -16 | NE | 1 | c | 58 | 52 | 7 | 5 | 7 | - | 8 | 6 | 8 | 20 | - |
| | Montrose | 17.1 | -22 | NE | 3 | c | 59 | 54 | 8 | 5 | 7 | - | 8 | 5 | 5 | 30 | 57 |
| 12 | Abbotsinch | 13.9 | -18 | E | 3 | r0r0 | 55 | 53 | 5 | 5 | 2 | - | 8 | 4 | 8 | 16 | - |
| | Prestwick | 12.3 | -26 | NE'E | 4 | r0r0 | 58 | 55 | 6 | 5 | 2 | - | 8 | 4 | 5 | 16 | 25 |
| | West Freugh | 11.2 | -18 | E | 4 | r0r0 | 58 | 56 | 6 | 5 | 7 | · | 8 | 3 | 4 | 10 | 40 |
| | Eskdalemuir | 12.9 | -14 | NNE | 3 | c | 57 | 54 | 8 | 5 | · | - | 8 | 8 | · | 13 | - |
| | Jurby, I. of Man | 12.1 | -12 | NE'E | 4 | c/r | 59 | 58 | 5 | 6 | 2 | - | 8 | 4 | 8 | 6 | 15 |
| 13A | Machrihanish | 11.8 | -20 | NE'E | 4 | r0r0 | 60 | 55 | 6 | 5 | 7 | - | 8 | 4 | 8 | 20 | 72 |
| | Tiree | 13.1 | -20 | E'N | 2 | c | 61 | 53 | 8 | 5 | 7 | - | 7 | 4 | 7 | 25 | · |
| | Oban | 13.1 | -22 | NNE | 1 | im | 63 | 57 | 9 | 5 | 1 | - | 8 | 3 | 3 | 20 | 57 |
| 13B | Stornoway | 13.6 | -20 | - | 0 | c.bc | 61 | 52 | 8 | - | 3 | 8 | 5 | 2 | 5 | 250 | - |
| | Cape Wrath | 14.5 | -18 | S | 1 | bc | 59 | 51 | 9 | 5 | 4 | 2 | 4 | 4 | · | 40 | · |
| 15 | Dalwhinnie | 14.0 | -20 | SSE | 3 | c | 56 | 58 | 7 | 5 | 2 | - | 8 | 6 | 8 | 20 | - |
| | Aberdeen | 16.8 | -2 | ENE | 1 | c | 59 | 54 | 8 | 5 | · | · | 8 | 8 | - | 15 | - |
| | Fraserburgh | 17.1 | -18 | S'W | 4 | c | 60 | 57 | 8 | 5 | · | - | 7 | 7 | · | 20 | - |
| | Alness | 14.5 | -30 | ESE | 2 | c | 66 | 52 | 8 | · | 4 | 6 | 6 | 2 | 6 | - | - |
| | Wick | 17.6 | -6 | SE | 4 | b.bc | 59 | 51 | 8 | 1 | 7 | 1 | 3 | 2 | 3 | 20 | - |
| 16 | Hatston | 17.3 | -12 | SE | 5 | c | 59 | 53 | 8 | 5 | · | - | 7 | 3 | 4 | 8 | 15 |
| | Sumburgh | 19.6 | -10 | ESE | 4 | bc | 59 | 51 | 8 | 5 | 4 | - | 4 | 1 | 4 | 25 | 72 |
| | Sullom Voe | 19.4 | -10 | SE'S | 2 | c.bc | 57 | 48 | 9 | 5 | 3 | - | 5 | 3 | 5 | 20 | - |
| 17 | Blacksod Point | 09.3 | -14 | E | 3 | o | 60 | 55 | 6 | 5 | · | - | 8 | 8 | · | 5 | - |
| 18 | Malin Head | 11.3 | -16 | ESE | 3 | im | 58 | 56 | 7 | 5 | · | - | 8 | 8 | · | 8 | - |
| | Aldergrove | 11.3 | -14 | ENE | 3 | im | 57 | 55 | 6 | 5 | 2 | - | 8 | 4 | 8 | 10 | · |
| | Cas. Archdale | 11.9 | -16 | E'S | 1 | r0r0 | 57 | 65 | 6 | 5 | 2 | - | 8 | 2 | 4 | 6 | 15 |
| 19 | Birr Castle | | | | | | | | | | | | | | | | |
| | Collinstown | 08.8 | -22 | E | 4 | df | 57 | 56 | 3 | 5 | · | - | 8 | 8 | 0 | - | - |
| 20 | Foynes | 08.3 | -14 | NE | 3 | r0r0 | 59 | 57 | 6 | 5 | · | - | 8 | 8 | · | 23 | - |
| | Valentia | 07.5 | -10 | SE'S | 2 | c | 68 | 60 | 8 | 7 | 7 | - | 8 | 5 | - | 45 | - |
| | Roches Point | 07.7 | -8 | SE | 3 | rr | 61 | 60 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - |

## OBSERVATIONS at 18h. G.M.T. Wednesday 23rd

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A 0-9 (29) | Cloud Amount Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 15.0 | +4 | WSW | 2 | c | 70 | 56 | 8 | 5 | 2 | 8 | 7 | 4 | 2 | 28 | - | 1 | * |
| Croydon | 15.4 | +6 | SSW | 2 | c | 70 | 56 | 8 | - | 7 | - | 7 | 7 | - | 100 | - | 0 | * |
| Boscombe Down | 15.1 | +10 | SE | 3 | c | 65 | 58 | 7 | 2 | 4 | 8 | 6 | 3 | 3 | 15 | - | 1 | * |
| Thorney Island | 15.6 | +10 | SE | 1 | c | 65 | 60 | 8 | 5 | 3 | 2 | 6 | 4 | 4 | 40 | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 16.5 | +10 | SSW | 2 | c-bc | 67 | 57 | 8 | 5 | 3 | - | 5 | 5 | 6 | 30 | - | 0 | § * |
| Manston | 15.4 | 0 | SW'W | 2 | c | 71 | 56 | 8 | - | 7 | 8 | 6 | 5 | 4 | 60 | - | 0 | * |
| North Weald | 15.5 | +10 | SW | 2 | c | 70 | 56 | 8 | 5 | 7 | - | 6 | 4 | 6 | 40 | - | 0 | * |
| Felixstowe | 15.1 | +26 | SSW | 2 | c-bc | 72 | 62 | 8 | 5 | - | 2 | 5 | 4 | 4 | 65 | 72 | 0 | 1 |
| Gorleston | 14.4 | +2 | SE'E | 4 | bc | 67 | 63 | 7 | 5 | 7 | - | 4 | 3 | 3 | 20 | 72 | 0 | 4 |
| Mildenhall | 14.6 | +14 | SW | 2 | c | 75 | 61 | 8 | - | 9 | - | 7 | 7 | - | - | - | 0 | * |
| Bircham Newton | 14.4 | +14 | WSW | 3 | c-bc | 74 | 61 | 8 | - | 3 | 2 | 5 | 4 | 4 | - | - | 0 | * |
| Cranwell | 14.3 | +18 | SSW | 4 | c-bc | 71 | 62 | 8 | 1 | 7 | - | 5 | 3 | 3 | 30 | - | 0 | * |
| Cranfield | 14.7 | +10 | SSW | 2 | c | 69 | 57 | 8 | - | 7 | 6 | 7 | 4 | 7 | 80 | - | 0 | * |
| Honiley | 14.1 | +14 | S'E | 4 | c | 67 | 57 | 9 | 1 | 5 | - | 7 | 1 | 7 | 25 | - | 1 | * |
| Little Rissington | 14.3 | +10 | S'W | 4 | c | 65 | 57 | 8 | 5 | 7 | - | 7 | 1 | 7 | 20 | - | 1 | * |
| Shobden | 13.4 | +10 | SSW | 4 | c | 68 | 57 | 8 | 4 | - | 6 | 7 | 3 | 7 | 25 | - | 1 | * |
| Bristol | 13.8 | +8 | SSE | 1 | c | 70 | 58 | 8 | 2 | - | 6 | 7 | 3 | 7 | 20 | - | 0 | * |
| Chivenor | 11.9 | +6 | S | 4 | c-bc | 68 | 58 | 8 | 2 | - | 4 | 5 | 4 | 3 | 18 | - | 1 | * |
| Yeovilton | 13.9 | +4 | S'E | 4 | c | 70 | 59 | 8 | 8 | 7 | 6 | 6 | 3 | 4 | 20 | 40 | 0 | * |
| Portland Bill | 14.4 | +4 | SE | 3 | c-bc | 64 | 61 | 8 | 5 | - | - | 5 | 6 | - | 50 | - | 1 | 3 |
| Exeter | 13.2 | 0 | SSE | 3 | c-bc | 65 | 62 | 6 | 5 | - | 6 | 5 | 4 | 3 | 25 | - | 0 | * |
| Plymouth | 13.1 | +4 | S'W | 3 | c-bc | 64 | 60 | 7 | 2 | 4 | 2 | 5 | 3 | 4 | 25 | - | 0 | 2 |
| St. Eval | 11.3 | +6 | S'W | 4 | c-bc | 63 | 60 | 8 | 1 | - | 1 | 5 | 5 | 1 | 6 | - | 0 | * |
| The Lizard | 11.2 | +2 | SSE | 5 | z0 | 62 | 61 | 6 | 7 | - | - | 4 | 4 | - | 25 | - | 0 | 4 |
| Scilly, St. Marys | 09.9 | +18 | SW'S | 5 | c | 64 | 62 | 7 | 5 | - | 1 | 7 | 7 | - | 10 | - | 0 | 5 |
| Fairwood | 11.5 | +2 | S | 5 | c | 67 | 61 | 8 | 4 | - | 2 | 6 | 3 | 6 | 18 | 25 | 1 | * |
| Pembroke | 09.4 | -2 | SSE | 6 | bcq | 63 | 60 | 7 | 8 | 4 | 1 | 4 | 3 | 3 | 25 | - | 1 | 2 |
| Aberporth | 10.7 | +2 | S'W | 5 | c-bc | 66 | 57 | 9 | 2 | 6 | 2 | 5 | 4 | 2 | 25 | - | 1 | 2 |
| Penrhos | 10.8 | +4 | S | 4 | b-bc | 67 | 59 | 9 | 5 | - | 1 | 3 | 2 | 2 | 40 | - | 0 | 4 |
| Holyhead, Valley | 11.1 | +4 | S'E | 4 | bc | 66 | 59 | 8 | 8 | 4 | - | 4 | 3 | 4 | 20 | 40 | 1 | 3 |
| Hawarden | 11.7 | +4 | SSE | 3 | c | 71 | 58 | 8 | 1 | 1 | - | 7 | 3 | 7 | 20 | - | 0 | * |
| Manchester | 12.5 | +10 | S'E | 2 | c | 69 | 56 | 8 | 1 | 7 | - | 7 | 1 | 7 | 30 | - | 1 | * |
| Squires Gate | 11.8 | +4 | SSE | 3 | z0 | 69 | 61 | 6 | 5 | 2 | - | 7 | 5 | 7 | 18 | - | 0 | * |
| Silloth | 11.6 | 0 | SSW | 3 | z0 | 65 | 57 | 6 | - | 8 | - | 6 | 6 | - | - | - | 0 | * |
| Ashbourne | 13.6 | +12 | S | 2 | c-bc | 66 | 56 | 8 | - | 7 | 9 | 5 | 5 | 1 | 140 | - | 1 | * |
| Snaith | 13.6 | +2 | SSE | 2 | z0 | 69 | 64 | 5 | 5 | - | 9 | 5 | 3 | 5 | 20 | - | 0 | * |
| Spurn Head | 13.7 | +6 | SW'S | 2 | bc | 70 | 62 | 7 | 7 | 3 | - | 4 | 4 | 2 | 25 | 72 | 0 | 3 |
| Catterick (Sc.) | 12.5 | -4 | SE'S | 2 | z0 | 65 | 62 | 5 | 5 | 7 | - | 5 | 4 | 5 | 18 | - | 0 | |
| Tynemouth | 12.0 | -4 | SSW | 1 | bc/f | 59 | 57 | 5 | 5 | 3 | 1 | 4 | 4 | 3 | 15 | - | 0 | 3 |
| Acklington | 12.1 | -4 | SSW | 2 | z0 | 62 | 59 | 5 | 5 | - | 2 | 5 | 4 | 5 | 5 | - | 1 | * |
| St. Abb's Head | 11.3 | -14 | - | 0 | F | 55 | 55 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | 2 |
| Leuchars | 11.3 | -14 | NE | 1 | f | 57 | 57 | 3 | 5 | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Montrose | 11.0 | -20 | - | 0 | rf | 57 | 57 | 3 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| Abbotsinch | 10.7 | -10 | ENE | 1 | d0d0 | 58 | 57 | 5 | 5 | 7 | - | 7 | 4 | 7 | 4 | - | 1 | * |
| Prestwick | 10.3 | -6 | S | 4 | z0 | 65 | 56 | 6 | 5 | - | 6 | 4 | 2 | 3 | 10 | 25 | 1 | * |
| West Freugh | 09.2 | -6 | SE | 5 | bc | 62 | 58 | 8 | 7 | 4 | 2 | 4 | 3 | 3 | 10 | 25 | 0 | * |
| Eskdalemuir | 11.2 | -2 | S'W | 3 | z0 | 60 | 58 | 6 | 5 | 2 | - | 8 | 5 | 8 | 7 | - | 1 | * |
| Jurby, I. of Man | 11.1 | -6 | SSE | 3 | bc | 65 | 59 | 8 | 1 | - | 4 | 4 | 1 | 4 | 18 | - | 1 | * |
| Machrihanish | 08.4 | -16 | SE | 4 | c | 61 | 55 | 7 | 5 | 4 | 5 | 6 | 4 | 5 | 15 | 25 | 1 | 3 |
| Tiree | 08.3 | -24 | SE | 3 | %d | 58 | 56 | 8 | 5 | - | - | 8 | 8 | - | 10 | - | 1 | 1 |
| Oban | 09.5 | -14 | ESE | 2 | c | 60 | 55 | 9 | 5 | - | - | 7 | 3 | 7 | 20 | 25 | 0 | 2 |
| Stornoway | 08.5 | -24 | - | 0 | c/r | 60 | 57 | 8 | - | 7 | - | 8 | 8 | - | 70 | - | 0 | 1 |
| Cape Wrath | 10.7 | -18 | SE | 3 | r0r0 | 58 | 58 | 8 | 5 | 2 | - | 6 | 4 | - | 15 | - | 1 | 2 |
| Dalwhinnie | 10.3 | -24 | SSE | 3 | c | 51 | 49 | 7 | 5 | - | 2 | 8 | 6 | 8 | 20 | - | 1 | * |
| Aberdeen | 10.7 | -28 | NE | 1 | F+ | 57 | 57 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | 2 |
| Fraserburgh | 11.5 | -36 | ESE | 2 | f+ | 57 | 56 | 2 | - | - | - | 9 | 9 | - | 0 | - | 0 | |
| Alness | 10.6 | -26 | NNE | 2 | c | 59 | 57 | 7 | 5 | 7 | - | 8 | 3 | 5 | 8 | 57 | 1 | * |
| Wick | 12.8 | -20 | ESE | 1 | F+ | 55 | 54 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| Hatston | 12.6 | -24 | E'S | 3 | c | 56 | 55 | 7 | 5 | - | - | 8 | 4 | 8 | 4 | 15 | * | * |
| Sumburgh | 15.0 | -26 | E'N | 5 | c | 56 | 54 | 8 | 5 | 7 | 2 | 6 | 2 | 5 | 8 | 72 | 0 | 4 |
| Sullom Voe | 15.3 | -28 | SE | 5 | b-bc | 56 | 52 | 8 | 5 | - | 1 | 3 | 3 | 1 | 8 | - | 0 | * |
| Blacksod Point | 06.1 | -22 | SE'E | 2 | r0r0 | 60 | 59 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - | 2 | 2 |
| Malin Head | 05.5 | -30 | E | 3 | c | 59 | 57 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | 2 |
| Aldergrove | 07.6 | -6 | S'E | 4 | bc | 61 | 58 | 7 | 8 | 4 | - | 4 | 3 | 3 | 15 | 25 | 1 | * |
| Cas. Archdale | 07.1 | -14 | ESE | 1 | d0d0 | 58 | 58 | 5 | 6 | 2 | - | 8 | 5 | 8 | 2 | 15 | 1 | * |
| Birr Castle | 07.0 | +2 | S | 1 | c | 61 | 59 | 8 | 8 | 7 | - | 6 | 5 | - | 15 | - | 1 | * |
| Collinstown | 09.2 | +12 | SE | 4 | c | 61 | 59 | 8 | 2 | - | - | 7 | 7 | - | 18 | - | 1 | * |
| Foynes | 07.1 | -4 | - | 0 | c | 63 | 61 | 8 | 8 | - | - | 7 | 7 | - | 36 | - | 1 | * |
| Valentia | 06.7 | +2 | S'E | 3 | pr | 67 | 60 | 8 | 8 | 3 | - | 6 | 6 | - | 25 | - | 0 | 2 |
| Roches Point | 06.5 | -6 | SSE | 2 | c-bc | 63 | 59 | 8 | 8 | - | - | 5 | 5 | - | 15 | - | 1 | 4 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 23rd (41) | Weather 12h.–18h. 23rd (42) | Weather 18h. 23rd to 00h. (43) | Weather 00h.–06h. 24th (44) |
|---|---|---|---|---|
| Kew | okqgdom0c | cbccy/ | cz0r0m0m0 | clomc |
| Croydon | cfcd0cbcy | bcycyc | cc ir0 | ccm0 |
| Boscombe Down | c | bcc | cbcc | cbcc |
| Thorney Island | crmom0 | c | cirm | d0circ |
| Friston | | | | |
| Lympne | bcmm0c | cbcc | crr | cr0m0 |
| Manston | ofbcmbcz0 | bccy | ccltr0m0m | cltrcm |
| North Weald | cfcmbcz0 | cbcydcy | cm0cir0cm | cm0cz0cm |
| Felixstowe | odfcmbcz0 | bcz0 | bcmbcltr | cltrcm0 |
| Gorleston | bcbz0z0 | bbcqz0 | bcltr | oltrbc |
| Mildenhall | cid0fbcm0 | ccm0bcc | ccpr0 | cltrcr0m0 |
| Bircham Newton | ofbcz0 | bcz0cy | bccpr0 | r0mr0 |
| Cranwell | cf0 | bcm0bc | bcccir0 | crm |
| Cranfield | ofidc | cbcyc | bcybccr0 | cir0c |
| Honiley | orrid0ff | cz0bcy | ccr0r0 | cr0r0lr0c |
| Little Rissington | cid0c | cyc | cir0ccir0 | cir0ccu |
| Shobden | cr0r0d0m0 | cm0bcc | c | pprup |
| Bristol | cm0rrcbc | cyc | ccw | bwbcy |
| Chivenor | crrm0bc | bcc | bcclb | bbm0bcm |
| Yeovilton | roczbccbc | c | cbcb | bzbcf |
| Portland Bill | cc | c | cc | bcc |
| Exeter | orrcrcbcc | c | cm0 | bcm0cm0 |
| Plymouth | cr0r0bc | bccbc | bcm0w | cmwc |
| St. Eval | cr0r0m0cbc | cbc | bcbm0 | bcm0cm0w |
| The Lizard | cbc | bcz0 | bcz0w | bcw |
| Scilly, St. Marys | ci0rc | c | l0rcbc | cbc |
| Fairwood | cbcb | cbcc | bc | bccbc |
| Pembroke | or0m0c | bcq | cq | bcci0d |
| Aberporth | orrfcddc | c | · | bcci0d |
| Penrhos | crrm0mc | cbcc | bc | bccbcpr0c |
| Holyhead, Valley | cr0r0cm0 | cbc | bbcc | bccm0 |
| Hawarden | cmcrrid0r0 | cmcyc | cbcc | cbcbccm |
| Manchester | r0r0prm0 | cm0z0c | cbcz0cm0 | cm0lbcm |
| Squires Gate | ctlrr0m0c | crrtlrm0 | cz0bcm0 | bcm0 |
| Silloth | cm0ctlrm0 | cm0z0 | cm0bm0 | bcm0cm |
| Ashbourne | cir0d0d0 | od0d0mfc | bcc | bcjf |
| Snaith | cid0m0 | cm0bcm0 | bcm0cm | cmrm0cm |
| Spurn Head | ofifjf | bcz0 | cior | ircm0 |
| Catterick (Sc.) | cm | cmigpp | cmbcm0 | cm0irbcm |
| Tynemouth | cf | ocff | cm0 | cp0obcm0 |
| Acklington | c | omcom | bcm0cz0 | ofcmirm |
| St. Abb's Head | cof | Fe | bcfebcm0 | bccm0 |
| Leuchars | c | cofo | cmocmcmecmcm0 | |
| Montrose | cbcc | cf | od0d0fcm0 | cm0d0d0F |
| Abbotsinch | cm0cr0r0 | cRRd0d0 | cd0d0m0cm | bccir0d0d0 |
| Prestwick | cr0r0m0 | cir0bcm0 | bcm0cz0 | cm0cir0c |
| West Freugh | cir0r0m0 | ccr0d0bc | bccbb | cr0ccd0m0 |
| Eskdalemuir | ctlrrc | cpRRo | cc | cc |
| Jurby, I. of Man | lr0r0r0cm0 | cm0cjpcbc | bcbbc | bccir0c |
| Machrihanish | zczir | rrdd | bcz | rrmc |
| Tiree | c | cd0d0c | bccidbc | bccbc |
| Oban | bcir0c | cir0c | cbc | cid0drm0 |
| Stornoway | bwcuc | cir0c | ccm0in | cir0m0cm0c |
| Cape Wrath | bc | ccr0r0 | cbc | o |
| Dalwhinnie | co | octlro | * | oir0 |
| Aberdeen | cbcc | oid0fcfc | ofcofd0d | cddcm0 |
| Fraserburgh | cbcc | caid0m0f | ofdbcfbm | bm0ofcm0 |
| Alness | bcc | ccrtlcrc | c | bcc |
| Wick | bbc | cm0cmF | cFdf | bcfcm0c |
| Hatston | b | c | ddf | fc |
| Sumburgh | cubc | cbcc | fid0o | d0fr0 |
| Sullom Voe | bcc | cbccbc | bccid0 | cid0r |
| Blacksod Point | c | r | b | r |
| Malin Head | r | c | c | b |
| Aldergrove | cm0ccir0m | d0d0idm0cb | bccir0 | r0r0 |
| Cas. Archdale | cr0r0m0 | crrm0 | cbc | bcw |
| Birr Castle | | r | * | c |
| Collinstown | r | d | d | d |
| Foynes | r | c | b | r |
| Valentia | c | r | b | r |
| Roches Point | r | pr | c | b |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 9/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present. B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Thursday 24th August, 1944

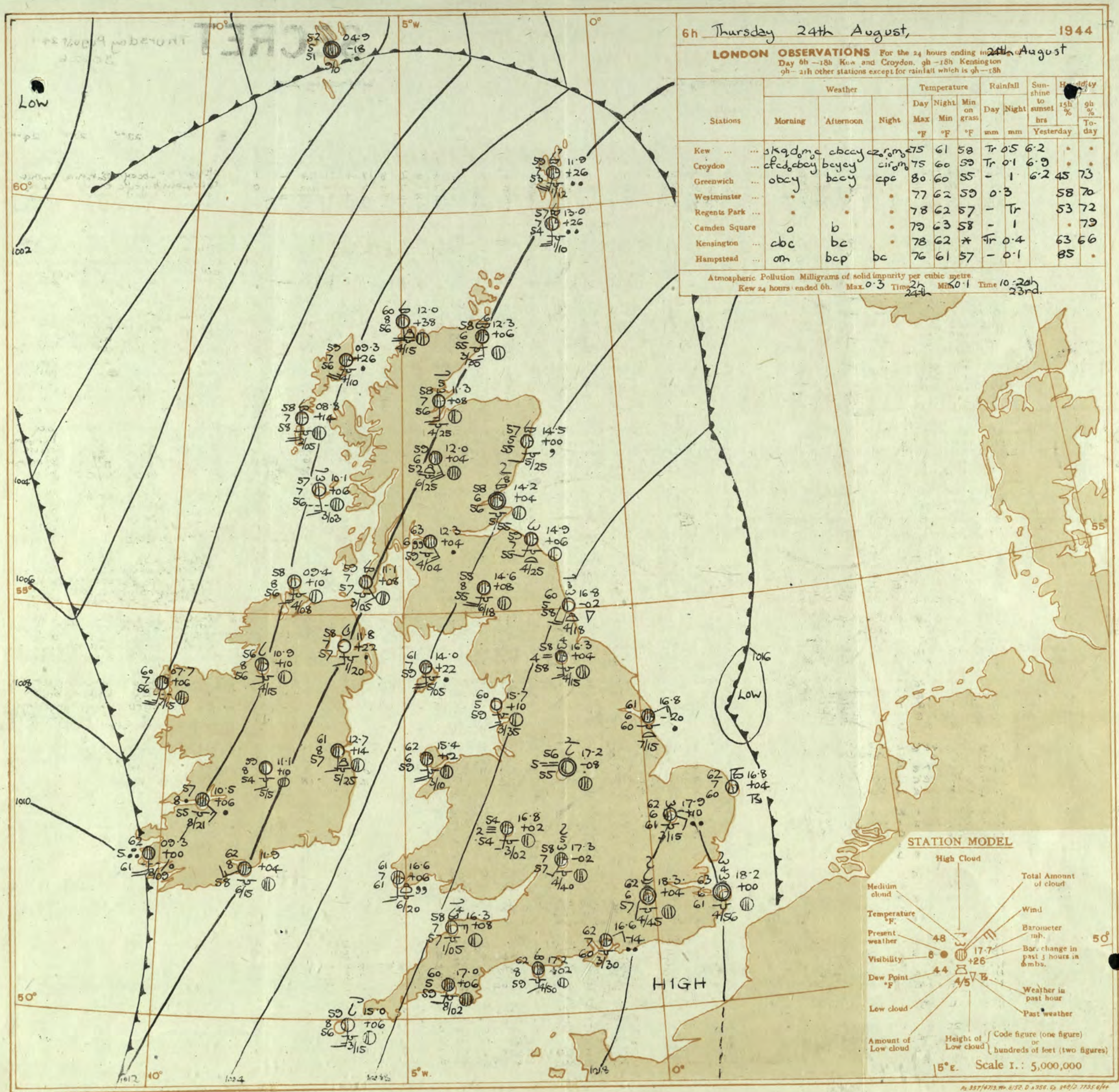
## LONDON OBSERVATIONS

For the 24 hours ending 18h on 24th August

Day 6h—18h Kew and Croydon. 9h—18h Kensington
9h—21h other stations except for rainfall which is 9h—18h

| Stations | Weather Morning | Weather Afternoon | Weather Night | Temperature Day Max °F | Temperature Night Min °F | Temperature Min on grass °F | Rainfall Day mm | Rainfall Night mm | Sunshine to sunset hrs (Yesterday) | Humidity 15h % (Yesterday) | Humidity 9h % (Yesterday) | Humidity 9h % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | skqd,m,c | cbccy | cz,r,m | 75 | 61 | 58 | Tr | 0·5 | 6·2 | • | | • |
| Croydon ... | cfcd,cbcy | bcycy | cir,m | 75 | 60 | 59 | Tr | 0·1 | 6·9 | • | | • |
| Greenwich ... | obcy | bccy | cpc | 80 | 60 | 55 | – | 1 | 6·2 | 45 | | 73 |
| Westminster ... | • | • | • | 77 | 62 | 59 | 0·3 | | | 58 | | 70 |
| Regents Park ... | • | • | • | 78 | 62 | 57 | – | Tr | | 53 | | 72 |
| Camden Square | o | b | • | 79 | 63 | 58 | – | 1 | | • | | 79 |
| Kensington ... | cbc | bc | • | 78 | 62 | * | Tr | 0·4 | | 63 | | 66 |
| Hampstead ... | om | bcp | bc | 76 | 61 | 57 | – | 0·1 | | 85 | | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·3 Time 2h 24th Min. 0·1 Time 10-20h 23rd.



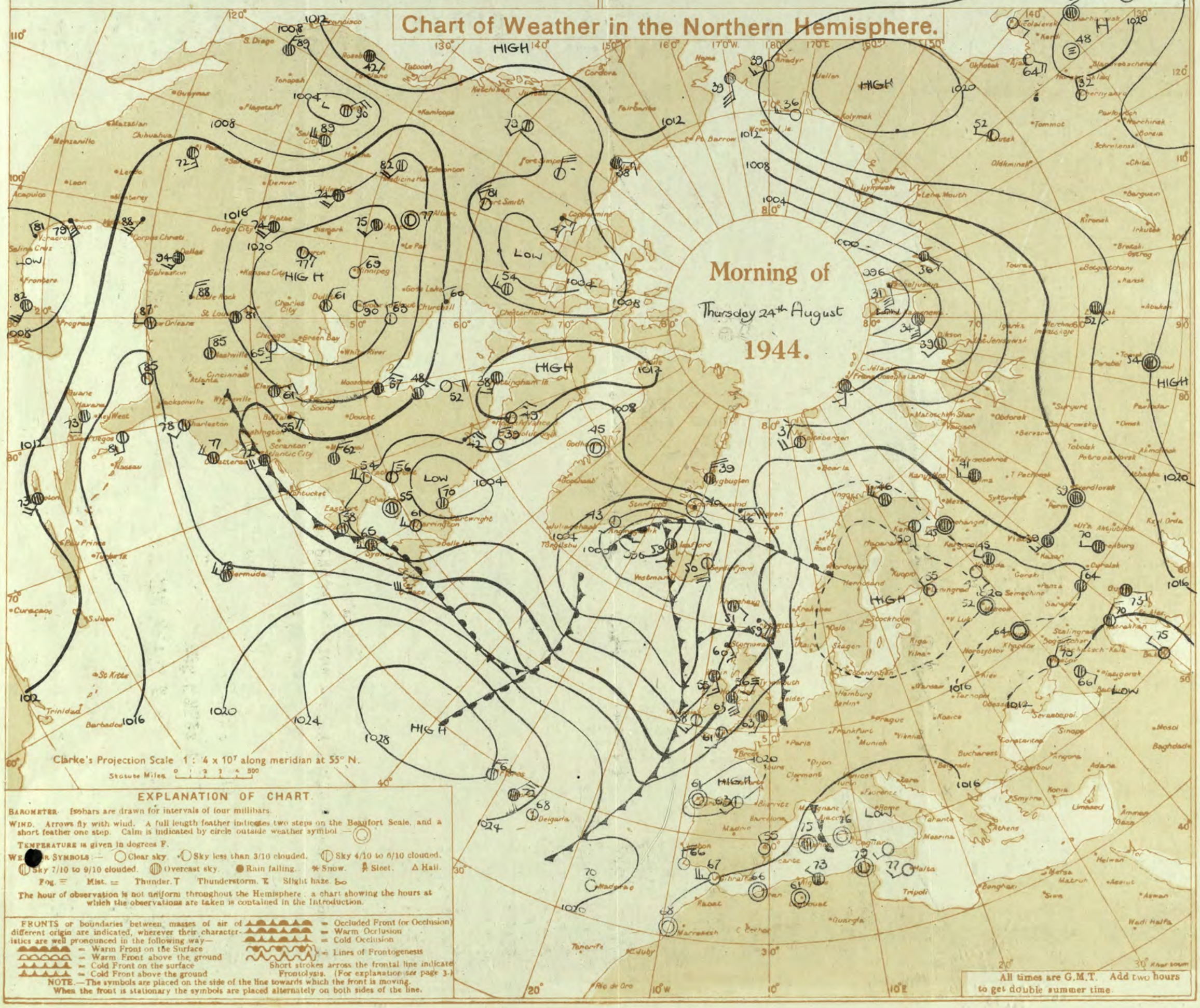

H.M.S.O. Press, W.O., Dunstable.

## GENERAL INFERENCE

A trough off West Ireland is moving steadily east but retarding in the South. There will be variable cloud over the county and a belt of rain in West Ireland will move into Scotland and Western England but precipitation will probably be intermittent only in the South. Some thundery rain may occur in East Anglia and Southeast England during the night; mainly rather warm.

## FURTHER OUTLOOK

A tendency to improve in most areas.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Thursday August 24th 1944

No. 30226

## OBSERVATIONS at 00hr. G.M.T. August 24th

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind Direc. (3) | Wind Force (4) | Weather. (5) | Temp. °F (6) | Dew Point °F. (7) | Visibility. 0-9 (8) | Cloud Form Low. (9) | Cloud Form Med. (10) | Cloud Form High. (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | * | * | * | * | 52 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 17.7 | +2 | SSW | 1 | c/r | 63 | 55 | 7 | 5 | - | - | 8 | 8 | - | 35 | - |
| | Boscombe Down | 417 | 17.0 | +10 | SE | 2 | c | 61 | 59 | 6 | - | 7 | - | 8 | 8 | - | 100 | - |
| | Thorney Island | 10 | 17.2 | +2 | SE'E | 1 | c | 63 | 60 | 7 | 3 | 2 | - | 8 | 3 | 8 | 30 | - |
| | Friston | - | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 19.1 | +10 | N | 1 | r.r. | 62 | 56 | 6 | 5 | 2 | - | 8 | 3 | 8 | 30 | - |
| | Manston | 140 | 19.2 | +26 | - | 0 | fh. | 64 | 59 | 6 | 5 | - | - | 8 | 8 | - | 70 | - |
| 2 | North Weald | 244 | 18.0 | +6 | SW | 1 | c/r | 61 | 59 | 6 | 5 | 7 | - | 8 | 4 | 8 | 40 | - |
| | Felixstowe | 10 | 18.3 | +14 | - | 0 | fh. | 66 | 62 | 6 | 8 | - | - | 4 | 3 | 4 | 30 | 57 |
| | Gorleston | 5 | 18.4 | +16 | SW | 2 | fr(s) | 66 | 61 | 7 | 8 | - | - | 7 | 7 | - | 20 | - |
| | Mildenhall | 15 | 17.3 | +8 | W'S | 2 | fr(s) | 64 | 60 | 7 | - | 7 | - | 8 | 8 | - | 90 | - |
| | Bircham Newton | 221 | 17.4 | +6 | WSW | 1 | ir. | 64 | 59 | 7 | 5 | - | - | 8 | 8 | - | 48 | - |
| | Cranwell | 203 | 17.1 | +8 | SSW | 2 | ir. | 63 | 60 | 7 | - | 1 | - | 8 | 8 | 0 | - | - |
| 3 | Cranfield | 340 | 17.2 | +10 | SE | 1 | ir. | 63 | 58 | 7 | - | 2 | - | 7 | 7 | - | 63 | - |
| | Honiley | 427 | 16.6 | +10 | SSE | 3 | r.r. | 61 | 59 | 7 | 5 | - | - | 7 | 3 | 7 | 20 | 40 |
| 4 | Little Rissington | 731 | 16.6 | +8 | S'E | 3 | ir. | 60 | 57 | 8 | 5 | - | - | 8 | 8 | - | 40 | - |
| | Shobden | 318 | 15.7 | +10 | S | 3 | c | 63 | 59 | 7 | 5 | - | 6 | 7 | 4 | 5 | 13 | 15 |
| 5 | Bristol | 209 | 16.0 | +10 | S | 2 | bc | 62 | 59 | 7 | - | - | 8 | 4 | 4 | 0 | - | - |
| | Chivenor | 20 | 15.5 | +18 | E | 2 | b.bc | 61 | 53 | 7 | 4 | - | - | 3 | 3 | - | 16 | - |
| | Yeovilton | 50 | 16.2 | +12 | SE | 2 | 2. | 59 | 58 | 6 | 5 | - | - | 2 | 2 | - | 40 | - |
| | Portland Bill | 32 | 16.4 | +8 | SE | 3 | c.bc | 62 | 59 | 8 | 5 | - | - | 5 | 5 | - | 50 | - |
| | Exeter | 100 | 16.3 | +18 | - | 0 | 2. | 61 | 61 | 6 | 5 | - | - | 4 | 4 | - | 15 | - |
| | Plymouth | 86 | 16.4 | +16 | SW | 2 | 2. | 61 | 61 | 6 | 5 | 3 | - | 6 | 5 | - | 8 | - |
| | St. Eval | 345 | 15.4 | +16 | S | 3 | 2. | 59 | 59 | 6 | 5 | - | - | 3 | 3 | - | 15 | - |
| | The Lizard | 240 | 15.3 | +20 | SSE | 3 | 2. | 61 | 61 | 6 | 4 | - | - | 4 | 4 | - | 25 | - |
| | Scilly, St. Marys | 163 | 14.1 | +14 | SSW | 3 | bc | 61 | 59 | 7 | 5 | - | - | 4 | 4 | - | 15 | - |
| 6 | Fairwood | 268 | 15.5 | +20 | S'E | 4 | b.bc | 61 | 59 | 7 | 3 | - | - | 3 | 3 | - | 15 | - |
| | Pembroke | 142 | 12.8 | +22 | S'W | 5 | cq | 62 | 62 | 7 | 9 | - | - | 8 | 8 | - | 10 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 13.1 | +10 | S | 5 | bc | 63 | 59 | 7 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Holyhead, Valley | 32 | 13.0 | +10 | S'E | 6 | c | 63 | 58 | 7 | 5 | - | - | 6 | 3 | 5 | 23 | 40 |
| | Hawarden | 15 | 14.4 | +10 | SE | 4 | c | 63 | 58 | 7 | 5 | 7 | - | 8 | 5 | 8 | 20 | - |
| 8 | Manchester | 230 | 15.1 | +6 | SSE | 4 | 2. | 64 | 56 | 6 | 5 | 3 | - | 6 | 5 | 3 | 37 | - |
| | Squires Gate | 30 | 14.1 | +6 | SSE | 4 | 2. | 62 | 57 | 6 | 9 | 7 | - | 4 | 1 | 5 | 20 | - |
| | Silloth | 25 | 12.2 | +4 | E | 2 | 2. | 57 | 54 | 6 | - | - | 2 | 1 | 2 | 0 | - | - |
| 9 | Ashbourne | 590 | 16.8 | +12 | SSE | 2 | c | 61 | 57 | 6 | 5 | - | - | 8 | 8 | - | 22 | - |
| | Snaith | 30 | 16.9 | +10 | S'E | 2 | 2. | 62 | 58 | 6 | - | 1 | 2 | 8 | 5 | 3 | 100 | - |
| 10 | Spurn Head | 29 | 17.5 | +14 | WSW | 3 | ir. | 64 | 59 | 7 | 7 | - | - | 7 | 7 | - | 15 | - |
| | Catterick (Sc.) | 195 | 15.7 | +12 | SE'E | 3 | 2. | 58 | 58 | 5 | 5 | - | - | 4 | 4 | - | 8 | - |
| | Tynemouth | 108 | 16.7 | +4 | S | 2 | 2. | 60 | 58 | 5 | 5 | - | - | 6 | 6 | - | 25 | - |
| | Acklington | 138 | 14.6 | +10 | SSW | 2 | f+ | 56 | 56 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| 11 | St. Abb's Head | 280 | 13.8 | +6 | S | 2 | 2. | 57 | 57 | 6 | 5 | - | - | 3 | 3 | - | 25 | - |
| | Leuchars | 31 | 13.3 | +8 | SE | 1 | 2. | 54 | 54 | 5 | 5 | - | - | 8 | 4 | - | 8 | - |
| | Montrose | 22 | 14.4 | +24 | - | 0 | b/d | 55 | 55 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 12 | Abbotsinch | 19 | 11.9 | +6 | NE | 1 | 2. | 61 | 58 | 5 | 5 | - | - | 7 | 7 | - | 10 | - |
| | Prestwick | 30 | 12.0 | +6 | S'E | 3 | 2. | 64 | 57 | 6 | 5 | - | - | 6 | 4 | 6 | 25 | 40 |
| | West Freugh | 53 | 11.3 | +4 | SSE | 4 | b | 61 | 58 | 8 | 5 | - | - | 2 | 2 | - | 10 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 12.8 | +8 | SE | 4 | c.bc | 64 | 58 | 8 | 5 | - | - | 5 | 2 | 5 | 25 | 40 |
| 13A | Machrihanish | 35 | 09.9 | -2 | SE | 5 | 2. | 55 | 57 | 6 | 5 | - | - | 3 | 2 | 3 | 8 | 25 |
| | Tiree | 44 | 08.2 | +10 | S'E | 3 | c/d | 59 | 56 | 7 | 5 | - | - | 7 | 7 | - | 30 | - |
| | Oban | 74 | 10.3 | +4 | SE | 2 | c | 61 | 58 | 7 | 5 | - | - | 7 | 7 | - | 15 | - |
| 13B | Stornoway | 12 | 06.8 | -6 | SSE | 3 | ir. | 60 | 56 | 6 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Cape Wrath | 367 | 17.9 | -10 | S | 2 | c.bc | 62 | 57 | 9 | 5 | 4 | - | 3 | 3 | - | 40 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 13.1 | +22 | SSE | 2 | 2. | 57 | 56 | 6 | 5 | - | - | 5 | 4 | 5 | 8 | 15 |
| | Fraserburgh | 76 | 12.6 | +22 | S'W | 2 | b/f | 55 | 55 | 6 | 5 | - | 1 | 2 | 2 | 1 | 5 | - |
| | Alness | 63 | 10.0 | -2 | NE | 1 | c | 53 | 52 | 6 | 5 | - | - | 6 | 6 | - | 3 | - |
| | Wick | 114 | 08.9 | -6 | S | 4 | f+ | 55 | 55 | 3 | - | - | - | 9 | 9 | - | 0 | - |
| 16 | Hatston | 45 | 09.1 | -6 | SW'S | 4 | F | 56 | 56 | 1 | - | - | - | 9 | 9 | - | 0 | |
| | Sumburgh | 15 | 09.3 | -30 | SE | 5 | df | 58 | 58 | 3 | - | - | - | 9 | 9 | - | 0 | - |
| | Sullom Voe | 12 | 08.8 | -38 | E'S | 5 | d.d. | 55 | 55 | 7 | 5 | - | - | 5 | 5 | - | 40 | - |
| 17 | Blacksod Point | 18 | 06.9 | +2 | S'W | 2 | c.bc | 61 | 56 | 7 | 8 | - | - | 5 | 5 | - | 15 | - |
| 18 | Malin Head | 84 | 08.0 | +14 | S | 3 | c.bc | 55 | 50 | 7 | 5 | - | - | 3 | 5 | - | 8 | - |
| | Aldergrove | 294 | 09.7 | +2 | SE'S | 4 | ir. | 61 | 59 | 6 | 5 | - | - | 8 | 5 | 8 | 11 | 15 |
| | Cas. Archdale | 240 | 08.9 | +2 | SSE | 2 | b | 55 | 55 | 7 | 5 | - | - | 2 | 2 | - | 10 | - |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 09.3 | -6 | SSE | 4 | c/d | 60 | 53 | 7 | 5 | - | - | 4 | 4 | - | 12 | - |
| 20 | Foynes | 3 | 08.8 | +6 | ESE | 3 | bc | 58 | 56 | 8 | 5 | - | - | 4 | 4 | - | 33 | - |
| | Valentia | 30 | 09.2 | +4 | S'W | 3 | b | 58 | 56 | 8 | 5 | - | - | 3 | 3 | - | 25 | - |
| | Roches Point | 22 | 10.4 | +22 | SW | 1 | c | 61 | 60 | 8 | 5 | - | - | 6 | 6 | - | 15 | - |

## OBSERVATIONS at 06hr. G.M.T. August 24th

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind Direc. (19) | Wind Force (20) | Weather. (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility. 0-9 (24) | Cloud Form Low. (25) | Cloud Form Med. (26) | Cloud Form High. (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A. 0-9 (29) | Cloud Amount Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground. 0-9 (33) | Sea. 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 18.0 | 0 | E | 1 | c | 62 | 59 | 8 | 5 | 7 | - | 1 | 2 | 6 | 25 | 40 | 1 | * |
| | Croydon | 18.3 | +4 | - | 0 | 2. | 62 | 57 | 6 | 5 | 9 | 6 | 6 | 4 | 5 | 45 | - | 1 | * |
| | Boscombe Down | 17.5 | +2 | ENE | 2 | bc | 58 | 57 | 6 | 5 | 7 | - | 4 | 4 | 3 | 30 | - | 1 | * |
| | Thorney Island | 17.6 | -2 | ENE | 2 | c/r | 62 | 60 | 7 | 5 | - | - | 6 | 3 | 6 | 30 | 72 | 1 | * |
| | Friston | | | | | | | | | | | | | | | | | | * |
| | Lympne | 18.1 | +2 | ENE | 1 | c/r | 61 | 58 | 7 | 5 | 8 | - | 6 | 5 | 6 | 45 | - | 1 | §- |
| | Manston | 18.2 | 0 | - | 0 | 2. | 63 | 61 | 6 | 5 | 3 | 9 | 6 | 4 | 4 | 50 | - | 1 | * |
| 2 | North Weald | 18.9 | +6 | - | 0 | m | 59 | 59 | 4 | - | 7 | - | 6 | 6 | - | 80 | - | 0 | * |
| | Felixstowe | 17.9 | -6 | - | 0 | 2. | 63 | 61 | 6 | 5 | 4 | - | 5 | 3 | 5 | 60 | - | 1 | 0 |
| | Gorleston | 16.8 | +4 | N | 2 | bc | 62 | 60 | 7 | - | 7 | - | 4 | 3 | - | 80 | - | 1 | 2 |
| | Mildenhall | 17.9 | +10 | ESE | 2 | c.bc/r | 62 | 61 | 6 | 5 | 3 | - | 5 | 3 | 5 | 15 | 57 | 1 | * |
| | Bircham Newton | 18.2 | +10 | SE | 1 | c/r | 61 | 61 | 6 | - | 9 | 1 | 7 | 9 | 0 | - | - | 1 | * |
| | Cranwell | 16.8 | -14 | - | 0 | 2. | 61 | 60 | 6 | 5 | 7 | - | 6 | 5 | 5 | 45 | - | 0 | * |
| 3 | Cranfield | 17.6 | +2 | SE | 1 | c | 60 | 57 | 6 | 5 | 7 | - | 6 | 1 | 6 | 50 | - | 1 | * |
| | Honiley | 16.7 | -6 | SE | 3 | bc | 57 | 56 | 7 | 5 | 4 | 8 | 4 | 3 | 1 | 50 | - | 1 | * |
| 4 | Little Rissington | 17.3 | -2 | SW | 1 | c | 58 | 57 | 7 | 5 | 3 | 6 | 7 | 4 | 5 | 40 | - | 1 | * |
| | Shobden | 16.8 | +2 | SSW | 1 | cF | 54 | 54 | 2 | 5 | - | 6 | 6 | 3 | 2 | 2 | 40 | 0 | * |
| 5 | Bristol | 17.4 | +6 | ENE | 1 | 2. | 56 | 56 | 6 | 5 | - | - | 7 | 7 | - | 2 | - | 0 | * |
| | Chivenor | 16.3 | +8 | E | 3 | bc | 58 | 57 | 7 | 5 | 7 | 1 | 4 | 1 | 4 | 5 | - | 1 | * |
| | Yeovilton | 17.1 | +4 | - | 0 | fs | 54 | 54 | 4 | 5 | 4 | 5 | 4 | 3 | 2 | 10 | - | 0 | * |
| | Portland Bill | 17.2 | +2 | S | 2 | c | 62 | 59 | 8 | 5 | 7 | - | 8 | 4 | 8 | 50 | 72 | 1 | 3 |
| | Exeter | 16.9 | +4 | - | 0 | 2. | 61 | 59 | 6 | 5 | - | - | 6 | 6 | - | 10 | - | 0 | * |
| | Plymouth | 17.0 | +6 | SSW | 2 | 2. | 60 | 59 | 5 | 5 | - | - | 8 | 8 | - | 2 | - | 1 | 1 |
| | St. Eval | 16.9 | +6 | SSE | 3 | 2. | 60 | 60 | 6 | 5 | - | - | 7 | 4 | 7 | 10 | 40 | 0 | * |
| | The Lizard | 15.6 | +6 | SSW | 2 | bc | 60 | 60 | 7 | 7 | 3 | - | 4 | 4 | 2 | 25 | 57 | 0 | 3 |
| | Scilly, St. Marys | 15.0 | +6 | S'W | 3 | bc | 55 | 56 | 8 | 5 | 4 | 3 | 4 | 3 | 3 | 15 | 57 | 0 | 3 |
| 6 | Fairwood | 16.7 | +8 | S | 3 | b.bc | 60 | 58 | 7 | 2 | 4 | 1 | 3 | 2 | 2 | 18 | 25 | 1 | * |
| | Pembroke | 16.6 | +6 | S | 3 | c/d | 61 | 61 | 7 | 8 | - | - | 6 | 6 | - | 20 | - | 1 | 3 |
| | Aberporth | 15.7 | +10 | S'E | 3 | b.bc | 58 | 57 | 7 | 5 | 3 | - | 3 | 2 | 3 | 15 | 25 | 1 | 3 |
| 7 | Penrhos | 15.2 | +12 | SSE | 4 | c/pr | 62 | 59 | 6 | 8 | 7 | - | 6 | 4 | 3 | 10 | 40 | 0 | 3 |
| | Holyhead, Valley | 15.4 | +12 | S'E | 4 | 2. | 62 | 59 | 6 | 5 | - | - | 7 | 3 | 5 | 10 | 25 | 0 | 3 |
| | Hawarden | 16.0 | +8 | SE | 2 | 2. | 55 | 58 | 6 | 5 | - | 1 | 4 | 3 | 4 | 30 | - | 0 | * |
| 8 | Manchester | 16.1 | +8 | S'E | 3 | b.bc | 60 | 57 | 6 | 5 | 4 | 1 | 3 | 2 | 1 | 30 | - | 1 | * |
| | Squires Gate | 15.7 | +10 | SSE | 3 | 2. | 60 | 59 | 5 | 5 | - | - | 3 | 3 | - | 35 | - | 0 | - |
| | Silloth | 15.0 | +12 | SSE | 2 | c | 63 | 57 | 7 | 5 | 3 | - | 6 | 6 | 2 | 32 | - | 0 | * |
| 9 | Ashbourne | 17.2 | -8 | - | 0 | fs | 56 | 55 | 5 | - | 4 | 5 | 4 | 4 | 2 | 80 | - | 0 | * |
| | Snaith | 16.8 | -10 | WSW | 1 | 2. | 55 | 51 | 5 | 5 | 7 | 2 | 7 | 4 | 5 | 60 | - | 1 | * |
| 10 | Spurn Head | 16.8 | -20 | ENE | 3 | 2. | 61 | 60 | 6 | 7 | - | - | 7 | 7 | - | 15 | - | 1 | 3 |
| | Catterick (Sc.) | 16.3 | +4 | S'E | 3 | m | 58 | 58 | 4 | 5 | 3 | - | 7 | 4 | 4 | 15 | - | 0 | * |
| | Tynemouth | 16.8 | -2 | SSW | 3 | 2. | 60 | 58 | 5 | 2 | 3 | 1 | 4 | 4 | 3 | 18 | - | 1 | 2 |
| | Acklington | 15.5 | 0 | - | 0 | bc | 59 | 57 | 4 | - | 7 | - | 4 | 4 | 2 | 100 | - | 0 | * |
| 11 | St. Abb's Head | 14.9 | +6 | SSW | 2 | c | 59 | 55 | 7 | 7 | 5 | - | 6 | 4 | 3 | 25 | 40 | 0 | 2 |
| | Leuchars | 14.2 | +4 | - | 0 | 2. | 58 | 56 | 6 | 3 | 7 | 6 | 7 | 5 | 8 | 50 | - | 1 | * |
| | Montrose | 15.3 | +6 | S | 3 | sf | 55 | 56 | 5 | 5 | 7 | 2 | 6 | 4 | 3 | 45 | - | 0 | * |
| 12 | Abbotsinch | 12.3 | +4 | SE | 3 | d.d. | 63 | 59 | 6 | 5 | - | - | 8 | 4 | 8 | 4 | 15 | 1 | * |
| | Prestwick | 12.5 | +4 | S | 5 | c/r | 63 | 58 | 7 | 5 | - | - | 6 | 3 | 5 | 8 | 15 | 0 | * |
| | West Freugh | 13.0 | -18 | SSW | 4 | 2. | 59 | 59 | 6 | 5 | - | - | 8 | 4 | 8 | 2 | 5 | 0 | * |
| | Eskdalemuir | 14.6 | +8 | SSW | 4 | c | 55 | 55 | 8 | 5 | - | - | 6 | 6 | - | 18 | - | 1 | * |
| | Jurby, I. of Man | 14.0 | +22 | S'E | 4 | c | 61 | 55 | 7 | 5 | - | - | 6 | 5 | 2 | 5 | 25 | 0 | * |
| 13A | Machrihanish | 11.1 | +8 | SE'S | 2 | c.bc | 59 | 57 | 7 | 5 | 7 | - | 5 | 3 | 5 | 5 | 15 | 1 | 2 |
| | Tiree | 10.1 | +6 | S'E | 3 | bc | 57 | 56 | 7 | 6 | 3 | 1 | 4 | 8 | 3 | 3 | 25 | 1 | 2 |
| | Oban | 11.0 | +2 | S | 1 | dr | 60 | 59 | 6 | 5 | 2 | - | 8 | 3 | 7 | 8 | 15 | 1 | 1 |
| 13B | Stornoway | 09.3 | +26 | SSW | 5 | c | 59 | 56 | 7 | 5 | - | - | 7 | 4 | 6 | 10 | 25 | 0 | 4 |
| | Cape Wrath | 12.0 | +38 | S | 4 | c.bc | 60 | 56 | 8 | 8 | 7 | - | 5 | 4 | - | 15 | - | 0 | 3 |
| 15 | Dalwhinnie | 12.0 | +4 | SSE | 5 | c | 59 | 52 | 6 | 8 | - | 2 | 8 | 6 | 8 | 25 | - | 0 | * |
| | Aberdeen† | 14.5 | 0 | S'W | 2 | 2. | 57 | 55 | 8 | 5 | 7 | - | 6 | 5 | 4 | 25 | - | 1 | 1 |
| | Fraserburgh | 14.5 | +2 | S'W | 3 | c/f | 57 | 57 | 5 | 5 | - | - | 7 | 7 | 7 | 3 | 25 | 1 | - |
| | Alness | 11.3 | +8 | S | 3 | c | 58 | 56 | 7 | 5 | 3 | 1 | 6 | 4 | 5 | 25 | - | 1 | * |
| | Wick | 12.3 | +6 | SSE | 3 | 2. | 58 | 55 | 6 | 5 | 7 | - | 6 | 3 | 6 | 30 | - | 0 | * |
| 16 | Hatston | 11.6 | +12 | S'E | 5 | 2. | 60 | 55 | 6 | 5 | 7 | - | 5 | 4 | 5 | 30 | - | * | * |
| | Sumburgh | 13.0 | +26 | S | 5 | c/r | 57 | 54 | 7 | 5 | 7 | - | 7 | 1 | 5 | 10 | 57 | 0 | 4 |
| | Sullom Voe | 11.9 | +26 | SSW | 5 | c/r | 59 | 53 | 7 | 5 | 7 | - | 7 | 1 | 7 | 12 | - | 0 | * |
| 17 | Blacksod Point | 08.3 | +10 | S'E | 5 | ir. | 53 | 54 | 7 | 5 | - | - | 7 | 7 | - | 15 | - | 1 | 4 |
| 18 | Malin Head | 10.0 | +12 | SSW | 2 | bc | 60 | 55 | 8 | - | 3 | 3 | 4 | 0 | 0 | - | - | 1 | 2 |
| | Aldergrove | 11.8 | +22 | S'E | 2 | b | 58 | 57 | 7 | 5 | 4 | - | 1 | 1 | 1 | 20 | - | 1 | * |
| | Cas. Archdale | 10.9 | +10 | SSE | 2 | c | 56 | 56 | 8 | 5 | 4 | - | 6 | 4 | 5 | 15 | 25 | 1 | * |
| 19 | Birr Castle | 11.1 | +10 | S | 2 | c.bc | 53 | 54 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 1 | * |
| | Collinstown | 13.2 | +14 | SE'S | 3 | c.bc | 62 | 57 | 8 | 8 | 4 | - | 5 | 5 | - | 25 | - | 1 | * |
| 20 | Foynes | 10.6 | +6 | SE | 3 | r.r. | 58 | 57 | 7 | 5 | 2 | - | 8 | 6 | - | 13 | - | 1 | * |
| | Valentia | 10.6 | +18 | W'N | 3 | ir. | 60 | 59 | 7 | 6 | - | - | 7 | 7 | - | 8 | - | 1 | 3 |
| | Roches Point | 12.0 | +6 | SSW | 4 | f | 62 | 57 | 8 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | 4 |

## PAST 24 HOURS

| Stations | Temperature Max. Day 6h-18h °F. (35) | Temperature Min. Night 18h-6h °F. (36) | Temperature Min. on Grass °F. (37) | Rainfall Day 6h-18h mm. (38) | Rainfall Night 18h-6h mm. (39) | Sunshine 23rd Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew | 75 | 61 | 58 | Tr | 0.5 | 6.2 |
| Croydon | 75 | 60 | 59 | Tr | 0.1 | 6.9 |
| Boscombe Down | 70 | * | * | 1 | - | 4.8 |
| Thorney Island | 72 | 61 | 60 | - | 0.1 | * |
| Lympne | 74 | 59 | 40 | - | 3 | 8.4 |
| Manston | 73 | 62 | 59 | - | 40 | 7.4 |
| North Weald | 78 | 56 | * | * | * | * |
| Felixstowe | 80 | 62 | 59 | - | 3 | 7.2 |
| Gorleston | 82 | 62 | 59 | - | 9 | 8.0 |
| Mildenhall | 81 | 61 | 61 | - | 1 | 7.3 |
| Bircham Newton | 80 | (61) | 57 | Tr | 0.1 | * |
| Cranwell | 76 | 59 | 49 | - | Tr | 7.7 |
| Cranfield | 75 | 59 | 56 | Tr | 0.3 | * |
| Honiley | 73 | 68 | 54 | 2 | Tr | * |
| Little Rissington | * | 57 | 53 | 2 | Tr | * |
| Shobden | 72 | 54 | 45 | 17 | - | * |
| Bristol | 72 | 55 | 43 | 5 | - | 7.6 |
| Chivenor | 72 | 57 | 54 | 3 | - | * |
| Yeovilton | 73 | 52 | 48 | 2 | Tr | * |
| Portland Bill | 65 | 60 | * | 2 | - | * |
| Exeter | 73 | 59 | 55 | 2 | - | * |
| Plymouth | 68 | 59 | 56 | 0.3 | - | 8.1 |
| St. Eval | 68 | 57 | 54 | 2 | Tr | * |
| The Lizard | 66 | 59 | * | 2 | - | 8.6 |
| Scilly, St. Marys | 69 | 58 | * | 0.3 | 7 | 6.4 |
| Fairwood | * | 58 | 56 | 5 | - | * |
| Pembroke | 65 | 59 | * | 13 | Tr | 7.3 |
| Aberporth | 69 | 58 | * | 20 | 0.2 | 7.4 |
| Penrhos | 69 | 61 | 59 | 10 | 0.1 | * |
| Holyhead, Valley | 69 | 61 | 57 | 8 | - | * |
| Hawarden | 74 | 58 | 53 | 17 | - | 2.1 |
| Manchester | 72 | 60 | 55 | 3 | - | * |
| Squires Gate | 71 | 59 | 58 | 17 | - | * |
| Silloth | 67 | 59 | 45 | - | - | * |
| Ashbourne | 72 | 58 | 49 | 1 | Tr | * |
| Snaith | 70 | 57 | 55 | Tr | 0.2 | * |
| Spurn Head | 75 | 61 | * | - | 0.4 | 5.5 |
| Catterick (Sc.) | 67 | 57 | 51 | - | 0.2 | 0.5 |
| Tynemouth | 60 | 58 | 48 | - | 0.3 | * |
| Acklington | 63 | 54 | 47 | - | 0.2 | * |
| St. Abb's Head | 68 | 54 | * | Tr | 0.2 | * |
| Leuchars | 59 | 53 | 45 | Tr | - | 11.1 |
| Montrose | 61 | 54 | 48 | Tr | Tr | * |
| Abbotsinch | 59 | 57 | 52 | 6 | 0.1 | 0.0 |
| Prestwick | 65 | 61 | 58 | 3 | Tr | * |
| West Freugh | 63 | 59 | 57 | 5 | 0.4 | * |
| Eskdalemuir | 60 | 51 | 43 | 3 | - | 0.0 |
| Jurby, I. of Man | 66 | 61 | 58 | 4 | Tr | * |
| Machrihanish | 62 | 59 | 57 | 2 | 0.3 | * |
| Tiree | 63 | 57 | 54 | 0.3 | Tr | 0.1 |
| Oban | 65 | 58 | * | * | - | * |
| Stornoway | 63 | 57 | 53 | Tr | Tr | 6.4 |
| Cape Wrath | 64 | 60 | * | 4 | 1 | * |
| Dalwhinnie | 58 | 51 | 51 | 4 | Tr | 0.0 |
| Aberdeen† | 60 | 55 | 51 | Tr | 0.2 | 2.4 |
| Fraserburgh | 61 | 51 | 52 | Tr | 0.1 | * |
| Alness | 66 | 48 | 42 | 2 | Tr | * |
| Wick | 59 | 52 | 47 | - | 0.1 | * |
| Hatston | * | * | * | * | * | * |
| Sumburgh | 59 | 53 | 51 | - | Tr | 4.4 |
| Sullom Voe | 59 | 54 | 53 | - | Tr | * |
| Blacksod Point | 62 | 56 | * | 13 | 1 | * |
| Malin Head | 59 | 56 | * | 0.6 | - | 0.1 |
| Aldergrove | 62 | 58 | 52 | 2 | 0.1 | 1.3 |
| Cas. Archdale | 59 | 54 | 48 | 7 | 0.2 | * |
| Birr Castle | 61 | 50 | 45 | 9 | - | 0.0 |
| Collinstown | 68 | 57 | 49 | 10 | 0.2 | 1.6 |
| Foynes | 63 | 52 | 46 | 8 | 2 | 0.0 |
| Valentia | 70 | 58 | 54 | Tr | 10 | 0.5 |
| Roches Point | 64 | 60 | * | 7 | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil. 1 = Trace. 2 = 1/10. 3 = 2/10. 4 = 3/10. 5 = 4/10. 6 = 5/10. 7 = More than 9 but with openings. 8 = Completely covered. 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

Friday 25th August, 1944

No. 30227.

## OBSERVATIONS at 12h. G.M.T. 24th August.

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 18·2 | -6 | W'S | 2 | c | 70 | 59 | 7 | 8 | 3 | 6 | 7 | 2 | 6 | 31 | 40 |
| | Croydon | 18·5 | -6 | W | 2 | c | 72 | 59 | 7 | 1 | 7 | - | 7 | 3 | 7 | 30 | - |
| | Boscombe Down | 18·4 | +2 | SES | | c-bc | 69 | 59 | 7 | 2 | - | 8 | 5 | 4 | 5 | 15 | - |
| | Thorney Island | 18·1 | -4 | WN | 2 | c | 72 | 64 | 7 | 7 | 7 | 2 | 7 | 4 | 5 | 25 | 57 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 18·0 | -6 | NNW | 1 | rr | 65 | 63 | 6 | 5 | 2 | - | 8 | 4 | 8 | 10 | - |
| | Manston | 17·7 | -6 | W'N | 1 | c/pr | 66 | 62 | 6 | 8 | 7 | - | 8 | 4 | 8 | 40 | - |
| 2 | North Weald | 17·7 | -16 | — | 0 | c-bc | 73 | 57 | 8 | 1 | 7 | 2 | 5 | 2 | 4 | 30 | - |
| | Felixstowe | 17·7 | -6 | NW | 2 | c | 73 | 62 | 7 | 5 | 7 | - | 8 | 5 | 8 | 35 | - |
| | Gorleston | 17·3 | -2 | N | 4 | c-bc | 68 | 59 | 7 | 7 | - | - | 5 | 5 | - | 20 | - |
| | Mildenhall | 18·3 | -2 | N'E | 2 | c | 73 | 59 | 8 | 1 | 8 | 6 | 6 | 1 | 4 | 30 | - |
| | Bircham Newton | 17·9 | -6 | NNW | 1 | c-bc | 71 | 60 | 8 | 1 | 8 | - | 5 | 1 | 4 | 20 | 57 |
| | Cranwell | 18·0 | -6 | S'E | 2 | zo | 73 | 65 | 6 | 7 | - | - | 5 | 3 | 5 | 20 | 57 |
| 3 | Cranfield | 17·8 | -6 | S'E | 2 | c-bc | 71 | 60 | 7 | 2 | 7 | 2 | 5 | 1 | 4 | 25 | - |
| | Honiley | 17·8 | -6 | W | 4 | c | 71 | 60 | 8 | 2 | 3 | 1 | 6 | 5 | 3 | 25 | - |
| 4 | Little Rissington | 17·7 | -8 | SW | 2 | c-bc | 69 | 61 | 8 | 8 | - | 2 | 5 | 3 | 4 | 10 | 25 |
| | Shobden | 18·2 | 0 | SE | 3 | zo | 67 | 58 | 6 | 2 | - | 1 | 6 | 4 | 6 | 22 | 25 |
| 5 | Bristol | 18·5 | +2 | SE | 1 | c | 67 | 59 | 7 | 5 | - | - | 7 | 5 | 7 | 15 | 25 |
| | Chivenor | 17·4 | +2 | S'W | 4 | c | 69 | 57 | 8 | 8 | 3 | 2 | 7 | 3 | 3 | 20 | 40 |
| | Yeovilton | 18·5 | 0 | S'E | 2 | c | 66 | 59 | 7 | 5 | 2 | - | 8 | 5 | 8 | 12 | 25 |
| | Portland Bill | 18·9 | +4 | S | 2 | o | 62 | 52 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 18·3 | +4 | SSE | 3 | zo | 62 | 61 | 6 | 5 | - | - | 7 | 5 | 6 | 9 | 15 |
| | Plymouth | 18·6 | +8 | S | 2 | zo | 62 | 62 | 7 | 5 | - | - | 7 | 4 | 7 | 2 | 15 |
| | St. Eval | 17·2 | +4 | S | 4 | c | 68 | 57 | 9 | 1 | 4 | 6 | 6 | 4 | 3 | 20 | - |
| | The Lizard | 17·1 | +10 | S | 4 | c-bc | 64 | 61 | 7 | 2 | 4 | - | 5 | 4 | 3 | 25 | 57 |
| | Scilly, St. Marys | 15·9 | +4 | S'E | 4 | c | 68 | 61 | 8 | 5 | 7 | - | 8 | 6 | 2 | 16 | 57 |
| 6 | Fairwood | 17·6 | +6 | SSE | 3 | c | 67 | 58 | 8 | 9 | - | - | 7 | 5 | 7 | 10 | 25 |
| | Pembroke | 16·9 | +4 | SSE | 3 | bc | 64 | 61 | 8 | 2 | 4 | 2 | 4 | 3 | 3 | 25 | - |
| | Aberporth | 17·1 | +10 | SSW | 4 | bc | 66 | 60 | 8 | 2 | - | 1 | 4 | 4 | 1 | 23 | - |
| 7 | Penrhos | 17·0 | +10 | S | 4 | c | 65 | 59 | 7 | 5 | 7 | - | 7 | 1 | 5 | 20 | 40 |
| | Holyhead, Valley | 17·5 | +12 | SSW | 4 | c-bc | 65 | 59 | 8 | 8 | 6 | - | 5 | 5 | 2 | 25 | - |
| | Hawarden | 17·4 | +4 | SE | 3 | c-bc | 71 | 57 | 7 | 7 | - | 2 | 5 | 4 | 3 | 30 | 57 |
| 8 | Manchester | 17·7 | +6 | S | 2 | c-bc | 69 | 57 | 7 | 1 | - | 1 | 5 | 5 | 1 | 25 | - |
| | Squires Gate | 17·7 | +10 | WSW | 2 | c-bc | 69 | 57 | 7 | 2 | 6 | - | 5 | 4 | 1 | 30 | - |
| | Silloth | 17·3 | +16 | SSW | 4 | c/pr | 67 | 59 | 8 | 8 | 6 | - | 6 | 5 | 3 | 30 | - |
| 9 | Ashbourne | 18·0 | -2 | SSW | 3 | zo | 69 | 60 | 6 | 8 | 6 | - | 5 | 3 | 4 | 18 | 25 |
| | Snaith | 18·5 | +2 | S | 2 | zo | 73 | 61 | 6 | 2 | 3 | 9 | 5 | 2 | 4 | 30 | - |
| 10 | Spurn Head | 18·1 | -4 | ENE | 1 | bc | 71 | 60 | 7 | 7 | - | - | 4 | 4 | - | - | - |
| | Catterick (Sc.) | 17·4 | -4 | SSE | 3 | zo | 73 | 60 | 6 | 2 | 7 | - | 4 | 3 | 2 | 40 | - |
| | Tynemouth | 18·0 | +2 | SE | 2 | zo | 69 | 62 | 6 | 2 | 3 | - | 4 | 3 | 3 | 18 | - |
| | Acklington | 17·1 | -2 | SSE | 3 | zo | 72 | 60 | 6 | 2 | 3 | - | 3 | 3 | 1 | 25 | - |
| 11 | St. Abb's Head | 16·1 | +6 | S | 3 | zo | 67 | 59 | 6 | 3 | - | - | 4 | 4 | - | 15 | - |
| | Leuchars | 16·1 | +14 | SSW | 4 | c | 71 | 57 | 7 | 5 | - | - | 6 | 6 | - | 30 | - |
| | Montrose | 17·4 | +18 | SSE | 5 | zo | 66 | 57 | 5 | 5 | - | 9 | 5 | 5 | 2 | 25 | - |
| 12 | Abbotsinch | 15·0 | +12 | SSW | 3 | c-bc | 70 | 60 | 7 | 8 | - | - | 5 | 4 | 5 | 16 | 25 |
| | Prestwick | 15·5 | +12 | S'E | 4 | c-bc | 66 | 59 | 7 | 8 | - | - | 5 | 3 | 5 | 18 | 25 |
| | West Freugh | 15·3 | +12 | SSW | 4 | b-bc | 66 | 59 | 8 | 8 | 4 | 1 | 3 | 2 | 3 | 10 | 25 |
| | Eskdalemuir | 16·9 | +14 | SSW | 3 | pr | 63 | 58 | 7 | 8 | - | - | 7 | 7 | - | 11 | - |
| | Jurby, I. of Man | 16·6 | +16 | S | 4 | c | 69 | 58 | 8 | 2 | - | - | 6 | 3 | 4 | 16 | 25 |
| 13A | Machrihanish | 14·0 | +14 | SE | 4 | zo | 63 | 59 | 6 | 5 | 8 | - | 5 | 3 | 5 | 4 | 25 |
| | Tiree | 12·8 | +10 | S'E | 5 | b | 63 | 57 | 8 | - | 7 | - | 2 | 2 | - | - | - |
| | Oban | 14·1 | +14 | S | 1 | c-bc | 69 | 61 | 8 | 2 | 6 | - | 5 | 3 | 5 | 20 | 40 |
| 13B | Stornoway | 11·0 | +8 | SSE | 4 | c-bc | 64 | 58 | 8 | 5 | 4 | - | 5 | 4 | 3 | 20 | 40 |
| | Cape Wrath | 12·6 | +10 | SSW | 2 | c-bc | 62 | 59 | 8 | 8 | 3 | - | 5 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 14·5 | +14 | SSE | 4 | c | 64 | 55 | 7 | 8 | - | - | 6 | 6 | - | 25 | - |
| | Aberdeen | 16·5 | +12 | S'E | 4 | zo | 65 | 56 | 6 | 1 | 3 | 1 | 2 | 1 | 2 | 25 | - |
| | Fraserburgh | 16·1 | +12 | S'W | 5 | zo | 68 | 57 | 6 | 5 | - | 9 | 4 | 3 | 3 | 5 | 40 |
| | Alness | 12·9 | +14 | SW | 1 | c-bc | 68 | 60 | 8 | 2 | - | - | 5 | 5 | - | 25 | - |
| | Wick | 13·5 | +6 | SSW | 4 | zo | 65 | 57 | 6 | 2 | 4 | - | 2 | 1 | 2 | 25 | - |
| 16 | Hatston | 13·6 | +10 | S | 5 | zo | 67 | 57 | 5 | - | 4 | - | 3 | 3 | - | - | - |
| | Sumburgh | 15·7 | +10 | SSE | 5 | zo | 59 | 56 | 6 | 5 | 7 | - | 5 | 1 | 5 | 8 | - |
| | Sullom Voe | 14·8 | +14 | S | 5 | zo | 66 | 57 | 6 | 1 | 3 | 1 | 4 | 1 | 4 | 20 | - |
| 17 | Blacksod Point | 10·7 | +18 | SW | 5 | ido | 62 | 60 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - |
| 18 | Malin Head | 11·1 | +10 | S'W | 5 | bc | 68 | 56 | 8 | 1 | 3 | - | 4 | 3 | - | 15 | - |
| | Aldergrove | 13·8 | +6 | S'E | 4 | bc | 67 | 59 | 8 | 8 | - | - | 4 | 4 | - | 30 | - |
| | Cas. Archdale | 12·8 | +10 | S | 3 | c | 63 | 52 | 8 | 5 | 2 | - | 8 | 4 | 7 | 15 | 25 |
| 19 | Birr Castle | 13·2 | +12 | S | 1 | ir | 63 | 61 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - |
| | Collinstown | 14·4 | +12 | SE'S | 4 | c-bc | 67 | 59 | 8 | 8 | 3 | 5 | 5 | 4 | - | 33 | - |
| 20 | Foynes | 13·9 | +22 | W'N | 4 | c | 63 | 55 | 8 | 8 | 3 | - | 6 | 5 | - | 19 | - |
| | Valentia | 15·3 | +24 | NWW | 4 | pr | 60 | 55 | 8 | 8 | - | - | 8 | 8 | - | 22 | - |
| | Roches Point | 13·3 | +10 | S | 4 | dd | 63 | 62 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |

## OBSERVATIONS at 18h. G.M.T. 24th August.

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A 0-9 (29) | Cloud Amount Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 18·5 | +2 | SW | 2 | rr | 63 | 62 | 5 | 6 | 2 | - | 8 | 6 | 8 | 15 | 25 | 1 | * |
| Croydon | 19·0 | +32 | SE | 2 | tlr | 62 | 61 | 5 | 9 | - | - | 8 | 8 | - | 3 | - | 1 | * |
| Boscombe Down | 18·5 | +2 | SE | 3 | c | 64 | 59 | 7 | 4 | 7 | 9 | 7 | 3 | 5 | 25 | - | 0 | * |
| Thorney Island | 18·7 | +2 | SW | 2 | c | 64 | 59 | 7 | - | 2 | 1 | 7 | 6 | 3 | 80 | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 19·0 | +14 | - | 0 | rf | 61 | 61 | 2 | 5 | - | - | 8 | 8 | - | 2 | - | 1 | §3 |
| Manston | 17·9 | +16 | SW | 2 | pr | 63 | 62 | 5 | 9 | - | - | 8 | 4 | 8 | 10 | 40 | 1 | * |
| North Weald | 16·6 | -8 | SSE | 2 | RR | 62 | 62 | 4 | 5 | 7 | - | 8 | 6 | 8 | 10 | - | 1 | * |
| Felixstowe | 17·9 | +10 | - | 0 | c | 65 | 61 | 7 | 3 | 7 | - | 6 | 4 | 6 | 24 | - | 1 | 1 |
| Gorleston | 16·5 | 0 | N | 3 | ebc | 67 | 63 | 7 | - | 7 | - | 8 | 5 | - | 80 | - | 1 | * |
| Mildenhall | 16·8 | +4 | NEN | 2 | c/r | 63 | 63 | 6 | 6 | 7 | - | 7 | 4 | 7 | 8 | 72 | 1 | * |
| Bircham Newton | 16·2 | -6 | NNE | 2 | c/r | 63 | 63 | 6 | 5 | - | - | 8 | 7 | - | 3 | - | 1 | * |
| Cranwell | 15·4 | -16 | NWN | 3 | roro | 64 | 64 | 5 | 5 | 2 | - | 8 | 4 | 8 | 20 | - | 0 | * |
| Cranfield | 17·4 | -2 | SW | 1 | iro | 63 | 61 | 6 | 5 | 7 | - | 8 | 4 | 8 | 35 | - | 1 | * |
| Honiley | 16·9 | 0 | WNW | 1 | ir | 66 | 61 | 7 | 8 | 7 | - | 8 | 4 | 8 | 30 | - | 1 | * |
| Little Rissington | 17·1 | +2 | SW | 2 | c | 64 | 58 | 8 | 8 | 9 | - | 8 | 2 | 3 | 20 | 57 | 1 | * |
| Shobden | 17·3 | +4 | S | 1 | pr | 67 | 61 | 7 | 9 | 2 | - | 8 | 4 | 6 | 20 | 40 | 1 | * |
| Bristol | 18·0 | +2 | SW | 1 | c | 67 | 58 | 8 | 4 | 1 | - | 8 | 3 | 8 | 23 | - | 0 | * |
| Chivenor | 17·2 | 0 | SE | 3 | ebc | 67 | 55 | 8 | 2 | 7 | 8 | 5 | 3 | 4 | 25 | - | 0 | * |
| Yeovilton | 18·3 | 0 | S | 2 | c | 66 | 58 | 8 | 7 | - | 7 | [illegible] | 3 | 2 | 20 | 40 | 0 | * |
| Portland Bill | 19·2 | +4 | SW | 3 | c | 62 | 59 | 8 | 2 | - | - | 6 | 6 | - | 30 | - | 1 | 8 |
| Exeter | 18·2 | +6 | SW | 3 | c | 67 | 58 | 8 | 5 | 1 | 9 | 6 | 2 | 4 | 18 | 40 | 0 | * |
| Plymouth | 18·6 | +2 | SSE | 3 | c | 68 | 59 | 8 | 8 | 7 | 6 | 7 | 4 | 4 | 20 | - | 0 | 2 |
| St. Eval | 17·4 | +2 | SSE | 3 | iro | 63 | 61 | 7 | 5 | - | - | 8 | 4 | 8 | 6 | 25 | 0 | * |
| The Lizard | 17·1 | 0 | SW | 4 | c/pr | 63 | 61 | 7 | 5 | - | - | [illegible] | 8 | - | 11 | - | 0 | 4 |
| Scilly, St. Marys | 16·2 | +2 | WNW | 2 | c | 63 | 62 | 8 | 5 | - | - | 8 | 8 | - | 10 | - | 1 | 3 |
| Fairwood | 17·5 | +2 | SWS | 3 | ebc | 67 | 57 | 8 | 2 | 3 | 6 | 5 | 3 | 4 | 25 | - | 1 | * |
| Pembroke | 16·0 | 0 | S | 2 | c | 63 | 61 | 8 | 8 | 1 | - | 7 | 4 | 3 | 28 | - | 1 | 2 |
| Aberporth | 16·7 | +2 | SSW | 4 | c | 64 | 55 | 8 | 5 | 9 | - | 7 | 5 | 5 | 60 | - | 1 | 2 |
| Penrhos | 16·7 | -2 | SSW | 3 | c | 65 | 55 | 8 | 4 | 7 | 6 | 7 | 3 | 4 | 35 | - | 0 | 3 |
| Holyhead, Valley | 17·6 | +2 | S | 2 | ebc | 63 | 58 | 8 | 4 | 3 | 6 | 5 | 1 | 3 | 30 | - | 0 | 3 |
| Hawarden | 17·3 | +6 | WNW | 3 | c | 68 | 60 | 7 | 5 | - | - | 8 | 5 | 3 | 40 | 57 | 0 | * |
| Manchester | 16·9 | +2 | - | 0 | c | 68 | 60 | 6 | 1 | 2 | - | 8 | 1 | 8 | 80 | - | 0 | * |
| Squires Gate | 17·0 | +2 | NNW | 3 | c | 67 | 57 | 7 | 5 | 7 | - | 7 | 3 | 7 | 25 | - | 0 | * |
| Silloth | 16·9 | +6 | SW | 3 | c | 64 | 58 | 8 | 8 | 1 | - | 8 | 6 | 3 | 30 | - | 0 | * |
| Ashbourne | 17·4 | +4 | - | 0 | roro | 64 | 61 | 7 | 6 | 2 | - | 8 | 4 | 8 | 10 | 25 | 1 | * |
| Snaith | 19·0 | +20 | SSE | 3 | iro | 65 | 62 | 5 | 5 | - | - | 8 | 4 | 8 | 30 | 57 | 1 | * |
| Spurn Head | 18·8 | +22 | ESE | 2 | rr | 67 | 64 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | 1 |
| Catterick (Sc.) | 17·7 | +14 | SE | 1 | roro | 65 | 64 | 6 | 6 | 2 | - | 8 | 3 | 8 | 20 | 40 | 1 | * |
| Tynemouth | 17·3 | +2 | SSE | 2 | c/r | 68 | 59 | 6 | 8 | - | - | 6 | 6 | - | 18 | - | 0 | 2 |
| Acklington | 15·8 | +2 | E | 2 | zo | 62 | 58 | 6 | 5 | 7 | - | 8 | 2 | 8 | 30 | - | 0 | * |
| St. Abb's Head | 16·6 | +4 | SW | 2 | c | 69 | 55 | 8 | 1 | 5 | 8 | 7 | 2 | 4 | 25 | - | 0 | 2 |
| Leuchars | 15·8 | -6 | SW | 3 | c | 71 | 55 | 8 | 1 | 7 | 6 | 7 | 1 | 3 | 30 | - | 0 | * |
| Montrose | * | * | E | 2 | ebc | 65 | 57 | 6 | 4 | 7 | 6 | 5 | 5 | 1 | 5 | 40 | 0 | * |
| Abbotsinch | 15·2 | 0 | SW | 2 | ebc | 71 | 52 | 8 | 2 | 4 | 9 | 5 | 4 | 4 | 25 | - | 1 | * |
| Prestwick | 15·8 | -2 | SW | 4 | c | 67 | 51 | 8 | 2 | 4 | 6 | 6 | 1 | 3 | 22 | - | 0 | * |
| West Freugh | 15·9 | +2 | SSW | 3 | ebc | 61 | 57 | 8 | 5 | 3 | 6 | 5 | 4 | 5 | 35 | - | 0 | * |
| Eskdalemuir | 16·5 | -4 | SWS | 3 | c | 64 | 56 | 8 | 8 | 1 | - | 7 | 2 | 7 | 28 | - | 0 | * |
| Jurby, I. of Man | 16·8 | -2 | SWS | 4 | c | 64 | 52 | 8 | 1 | 3 | 6 | 7 | 1 | 4 | 25 | - | 1 | * |
| Machrihanish | 15·1 | +8 | SES | 4 | c/r | 60 | 57 | 7 | 5 | 2 | - | 8 | 2 | 4 | 6 | 8 | 1 | 3 |
| Tiree | 14·0 | +10 | SSE | 4 | roro | 60 | 57 | 7 | 5 | - | - | 7 | 2 | 7 | 15 | 25 | 1 | 3 |
| Oban | 15·3 | +4 | - | 0 | iro | 64 | 58 | 8 | 5 | - | - | 7 | 3 | 7 | 15 | 57 | 1 | 1 |
| Stornoway | 12·2 | 0 | SSE | 4 | ebc | 63 | 59 | 8 | 8 | 7 | - | 5 | 3 | 4 | 14 | 40 | 0 | 3 |
| Cape Wrath | 14·1 | +6 | E | 1 | c | 62 | 57 | 9 | 7 | 6 | - | 6 | 4 | - | 40 | - | 0 | 2 |
| Dalwhinnie | 14·7 | +2 | S | 3 | bc | 63 | 52 | 7 | 8 | 4 | - | 4 | 3 | 4 | 25 | - | 0 | * |
| Aberdeen | 15·1 | -4 | S | 2 | ebc | 67 | 57 | 7 | - | 4 | 6 | 5 | 2 | 5 | 200 | - | 0 | 2 |
| Fraserburgh | | -2 | SE | 6 | zo | | 57 | 6 | - | 3 | 1 | 5 | 4 | 3 | 100 | - | 0 | * |
| Alness | 13·0 | -6 | SSW | 3 | bc | 70 | 57 | 8 | 2 | - | 6 | 4 | 2 | 4 | 35 | - | 0 | * |
| Wick | 13·7 | -2 | SW | 2 | b-bc | 64 | 57 | 8 | - | 3 | 2 | 3 | 1 | 3 | - | - | [illegible] | * |
| Hatston | 14·0 | -2 | S | 3 | b-bc | 65 | 59 | 6 | - | 4 | - | 3 | 1 | 3 | - | - | * | * |
| Sumburgh | 15·5 | -2 | SSE | 3 | zo | 58 | 55 | 6 | - | 4 | 1 | 0 | 2 | 3 | - | - | 0 | 3 |
| Sullom Voe | 14·9 | +2 | S | 4 | bc | 65 | 56 | 7 | - | 4 | 1 | 4 | 3 | 2 | - | - | 0 | * |
| Blacksod Point | 16·5 | +20 | WN | 4 | bc | 60 | 52 | 8 | 8 | - | - | 4 | 4 | - | 15 | - | 1 | 3 |
| Malin Head | 13·6 | +16 | SW | 3 | ebc | 62 | 57 | 8 | 8 | - | - | 5 | 5 | - | 15 | - | 1 | 3 |
| Aldergrove | 14·7 | +4 | S | 3 | iro | 63 | 59 | 6 | 5 | 2 | - | 8 | 5 | 8 | 20 | - | 1 | * |
| Cas. Archdale | 15·9 | +18 | ENE | 3 | c/d | 61 | 58 | 8 | 5 | - | - | 8 | 4 | 4 | 12 | 40 | 1 | * |
| Birr Castle | 15·3 | +14 | S | 2 | c | 62 | 57 | 7 | 9 | 2 | - | 8 | 5 | - | 8 | - | 1 | * |
| Collinstown | 15·4 | +6 | SES | 3 | roro | 61 | 60 | 6 | 6 | 2 | - | 8 | 8 | - | 15 | - | 1 | * |
| Foynes | 17·0 | +18 | WNW | 4 | c | 61 | 53 | 8 | 8 | 6 | - | 7 | 7 | - | 23 | - | 1 | * |
| Valentia | 18·1 | +14 | NNW | 3 | b-bc | 63 | 51 | 8 | 8 | - | - | 3 | 3 | - | 27 | - | 1 | 3 |
| Roches Point | 15·7 | +16 | N | 5 | bc | 64 | 56 | 8 | 5 | 3 | - | 4 | 2 | - | 15 | - | 1 | 4 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 24th (41) | Weather 12h.–18h. 24th (42) | Weather 18h 24th to 00h. 25th (43) | Weather 00h.–06h. 25th (44) |
|---|---|---|---|---|
| Kew | czoc | ctlrpmo | cbcmow | cror ocm |
| Croydon | cmoc | ctlrrmo | ctlrrmbc | bmobcf |
| Boscombe Down | cmoc | c | cm | bcmobcm |
| Thorney Island | cmoc | cciroc | bcbm | bcmowbm |
| Friston | | | | |
| Lympne | ccmoiroRm | cmoofrr | ofbcmom | cmcfbcm |
| Manston | cbcmopr | cmocroro | crobcm | bcmob |
| North Weald | cmobc | cHrcRRm | crrjum | cffcmoeff |
| Felixstowe | bczobc | croc iroc | crom | bcmocm |
| Gorleston | bcc | crrc | cRRc | cbzo |
| Mildenhall | c | crrtlcmo | cror ocm | cmobcmo |
| Bircham Newton | cbc | crororRmo | cmoror o | cmorobf |
| Cranwell | bczo | czo prc | cmorrcm | bm |
| Cranfield | cmoc | crrroiromo | crrcm | bcmobm |
| Honiley | bcc | bccyc | ccdocmobcm | bmocm |
| Little Rissington | cmoc | c | cbcb | cido cdo |
| Shobden | bcmoczo | czocpr | cprcmobc | bccmoidm |
| Bristol | cmowmoc | c | cbw | cwirc |
| Chivenor | bcc | cbc | croc | ccidomoc |
| Yeovilton | czidozc | c | cbc | bcbcczdd |
| Portland Bill | o | c | c | cof |
| Exeter | cmocmo | c | ocr | cido |
| Plymouth | odofcmo | bcc | cdodom | cdocw |
| St. Eval | bcc | bcciro | crridom | cidomobc |
| The Lizard | bccbc | cprbc | crfbc | cbcw |
| Scilly, St. Marys | bcc | circ | cbcbw | bbcc |
| Fairwood | c | bccbc | bccirmo | cimocm |
| Pembroke | bc | c | cmfc | cproc |
| Aberporth | bcc | c | * | cidof |
| Penrhos | c | cbcc | cciro | ciromom |
| Holyhead, Valley | cidobcc | bcc | crroc | cidomoc |
| Hawarden | bcc | cyc | c | cbcmocm |
| Manchester | bcbzobc | bccyc | cmow | cmomw |
| Squires Gate | bbczo | cmoc | czomo | bccmo |
| Silloth | cproc | cvcc | c | cbcciro |
| Ashbourne | bcfgmoczo | czocir | crromof | offfcbf |
| Snaith | bmozo | czociromo | ciromf | ffbcff |
| Spurn Head | bczo | crr | cmo | cbcmo |
| Catterick (Sc.) | bcmobczo | bczomromo | crromcm | bcmobf |
| Tynemouth | bccbcmo | bcpromo | coirormo | cbcmo |
| Acklington | cbcmozo | bczo | cmororom | cmobc |
| St. Abb's Head | bczo | bcc | crc | cbc |
| Leuchars | cmocbccd | cmocbg | ccrocirc | cciro |
| Montrose | bcmobcmo | cmocmog | cmoffcmo | bcmocirg |
| Abbotsinch | cdodomoc | cbcycy | cmociron | cRRrobc |
| Prestwick | cirocbcc | cbccy | | rrmoc |
| West Freugh | cmomomobc | bcbcc | cdodomcm | cmodod |
| Eskdalemuir | cpro | cbcc | | cwprc |
| Jurby, I. of Man | cbcc | bcc | ciroc | c |
| Machrihanish | bcjfcz | bcrrc | cdrdrm | rrrc |
| Tiree | bcb | bbcirororo | cmobmodob | bbwb |
| Oban | rorobcc | cbcciro | cirododm | cdomoc |
| Stornoway | cbc | cbcc | cmocidom | cidomobc |
| Cape Wrath | cproc | cbc | cciro | circ |
| Dalwhinnie | oc | cbc | * | bco |
| Aberdeen | cmobcmo | bbcc | ciromo | ciromoc |
| Fraserburgh | cmobcmo | bcmocmo | bcmocmo | crmoccdo |
| Alness | c | cbc | bccbcc | crrc |
| Wick | cmobbczb | bcmozbc | cm | ciroc |
| Hatston | bc | bcb | co | cir |
| Sumburgh | roc | bcocb | rromc | iroc |
| Sullom Voe | prbc | bcb | cirom | crrm |
| Blacksod Point | d | bc | b | b |
| Malin Head | bc | bc | c | b |
| Aldergrove | bbcc | ccirocirom | dromodod | cmobcc |
| Cas. Archdale | c | iro idobc | bccbcb | bbc |
| Birr Castle | r | r | * | b |
| Collinstown | bc | r | d | bc |
| Foynes | c | c | b | b |
| Valentia | pr | c | b | b |
| Roches Point | d | d | b | b |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 8/10; 7 = More than 9 but with openings. 8 = Completely covered. 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

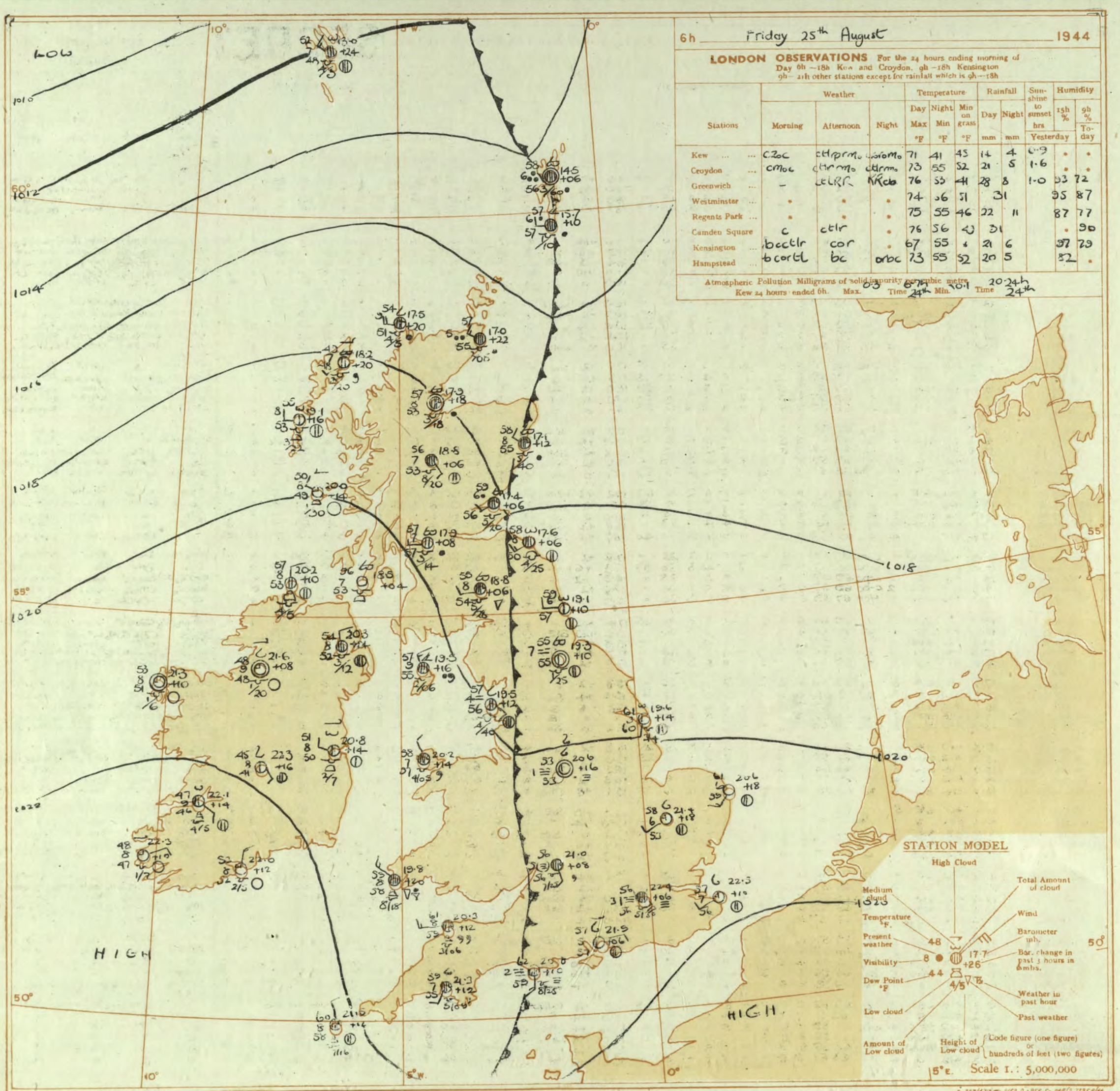
NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Friday 25th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of
Day 6h –18h Kew and Croydon, 9h –18h Kensington
9h– 21h other stations except for rainfall which is 9h—18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | c2oc | cthprmo | c3rmo | 71 | 41 | 45 | 14 | 4 | 0·9 | • | • |
| Croydon ... | cmoc | cthrmo | cthrmo | 73 | 55 | 52 | 21 | 5 | 1·6 | • | • |
| Greenwich ... | – | ctlRR | KKcb | 76 | 53 | 41 | 28 | 8 | 1·0 | 93 | 72 |
| Westminster ... | • | • | • | 74 | 56 | 51 | 31 | | | 95 | 87 |
| Regents Park ... | • | • | • | 75 | 55 | 46 | 22 | 11 | | 87 | 77 |
| Camden Square | c | ctlr | • | 76 | 56 | 49 | 31 | | | • | 90 |
| Kensington ... | bcctlr | cor | • | 67 | 55 | 4 | 21 | 6 | | 97 | 79 |
| Hampstead ... | bcortl | bc | orbc | 73 | 55 | 52 | 20 | 5 | | 82 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max. 0·3 Time 8th 24th Min. 20·1 Time 20 24h 24th




H.M.S.O. Press, M.O. Dunsfable.

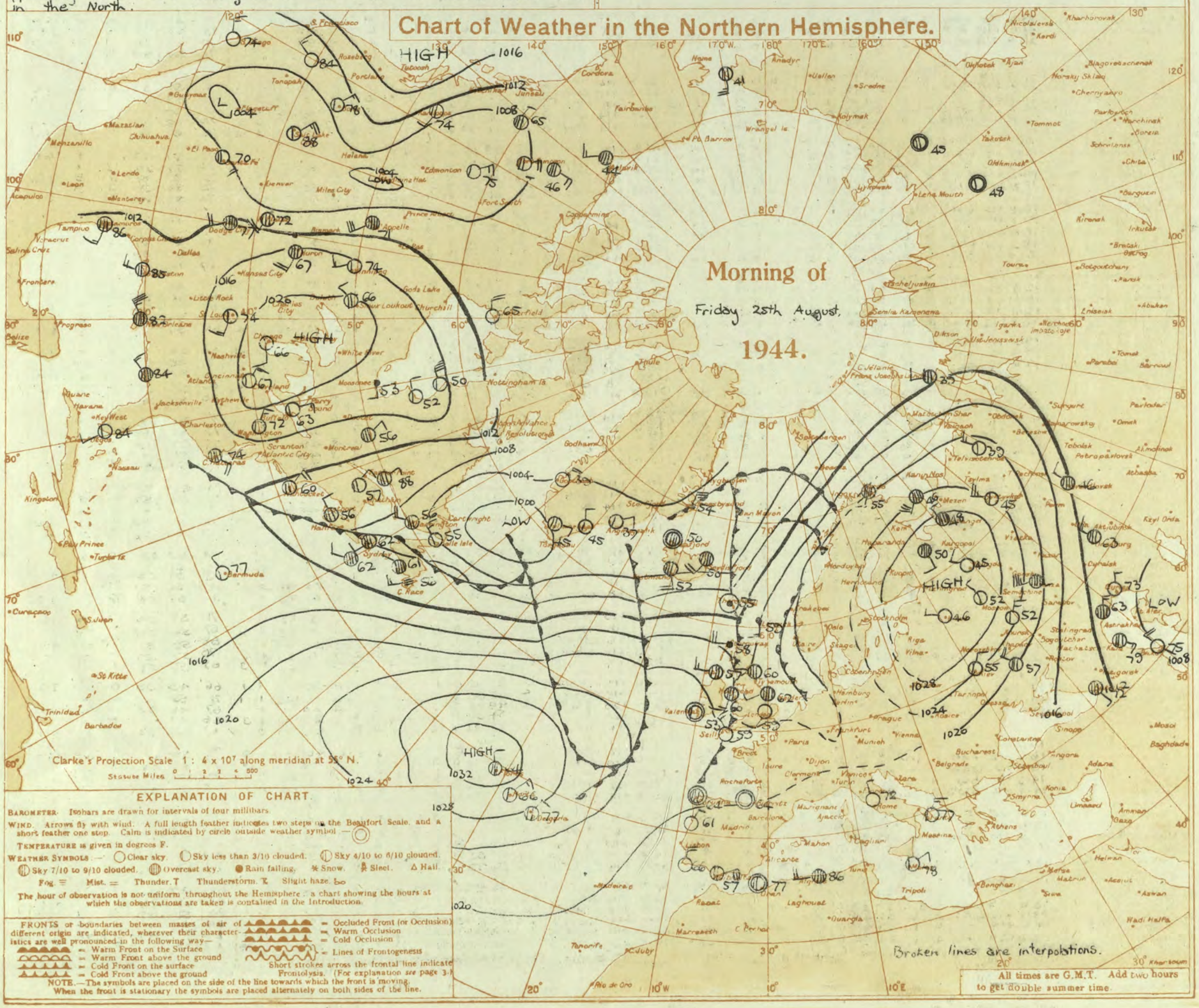
## GENERAL INFERENCE

A trough lying from East Scotland to Southwest England is moving slowly East. There will be mainly much cloud in the neighbourhood of the trough with local rain or drizzle and this may be thundery in North England. Elsewhere cloud will be broken but is expected to increase again in Scotland later with local rain spreading from west, mainly rather warm in the South, rather cool in the North.

## FURTHER OUTLOOK

Mainly fair, but doubtful in North Scotland.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS. Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Friday 25th August 1944

No. 30227

## OBSERVATIONS at 00hr. G.M.T. August 25th

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F (6) | Dew Point °F (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A 0–9 (13) | Cloud Amount Low B 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | | * | * | * | 60 | * | * | * | * | * | * | * | * | * | - |
| | Croydon | 217 | 20·8 | +10 | SSW | 2 | b | 59 | 56 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Boscombe Down | 417 | 21·0 | +16 | S'E | 2 | 2 | 55 | 45 | 5 | 5 | - | - | 5 | 5 | - | 38 | - |
| | Thorney Island | 10 | 21·0 | +14 | WSW | 2 | 2 | 60 | 57 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Friston | – | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 21·0 | +6 | - | 0 | m | 57 | 57 | 4 | 5 | - | 6 | 6 | 5 | 6 | 6 | - |
| | Manston | 140 | 20·8 | +14 | SW | 4 | 2 | 60 | 58 | 6 | 5 | - | - | 4 | 4 | - | 40 | - |
| 2 | North Weald | 244 | 20·6 | +12 | S | 2 | F | 60 | 59 | 3 | 5 | - | - | 5 | 3 | 8 | 7 | 25 |
| | Felixstowe | 10 | 18·3 | +10 | WSW | 3 | 2 | 63 | 62 | 6 | 5 | - | - | 8 | 8 | - | 47 | - |
| | Gorleston | 5 | 18·0 | +6 | WNW | 1 | c | 64 | 60 | 7 | 8 | - | - | 8 | 8 | - | 15 | - |
| | Mildenhall | 15 | 19·1 | +8 | WSW | 2 | 2 | 62 | 61 | 5 | 5 | - | - | 8 | 8 | - | 29 | - |
| | Bircham Newton | 221 | 18·5 | +8 | WSW | 1 | d.d. | 63 | 63 | 5 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Cranwell | 203 | 18·6 | +6 | SW'W | 1 | c.by | 60 | 59 | 6 | 5 | - | - | 5 | 5 | - | 44 | - |
| 3 | Cranfield | 340 | 19·2 | +10 | SSW | 2 | 2 | 60 | 59 | 6 | 5 | - | - | 3 | 3 | - | 20 | - |
| | Honiley | 427 | 18·9 | +8 | SW | 3 | 2 | 60 | 58 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 4 | Little Rissington | 731 | 19·8 | +16 | WSW | 3 | b.bc | 57 | 55 | 7 | - | 7 | - | 3 | 3 | - | 50 | - |
| | Shobden | 318 | 19·3 | +12 | W | 1 | bc | 57 | 56 | 7 | - | 7 | - | 4 | 4 | - | 25 | - |
| 5 | Bristol | 209 | 19·6 | +10 | S'W | 2 | bc | 59 | 57 | 7 | 5 | - | - | 4 | 5 | - | 60 | - |
| | Chivenor | 20 | 18·7 | +2 | ESE | 2 | c/r | 62 | 59 | 7 | 5 | - | - | 7 | 7 | - | 11 | - |
| | Yeovilton | 50 | 20·0 | +8 | SSW | 1 | bc | 60 | 58 | 8 | 5 | - | - | 4 | 4 | - | 20 | - |
| | Portland Bill | 32 | 20·1 | +4 | SW | 3 | c.bc | 62 | 59 | 8 | 5 | - | - | 5 | 5 | - | 50 | - |
| | Exeter | 100 | 19·8 | +2 | S | 2 | c | 61 | 55 | 7 | 5 | - | - | 6 | 6 | - | 21 | - |
| | Plymouth | 86 | 19·6 | +2 | S'W | 3 | m | 61 | 61 | 4 | 5 | - | - | 8 | 8 | - | 5 | - |
| | St. Eval | 345 | 19·2 | +8 | W'S | 2 | 2 | 60 | 59 | 6 | 5 | - | - | 8 | 4 | 8 | 7 | 15 |
| | The Lizard | 240 | 19·2 | +12 | W'N | 4 | bc | 60 | 58 | 7 | 4 | - | - | 4 | 4 | - | 20 | - |
| | Scilly, St. Marys | 163 | 19·5 | +6 | WNW | 3 | b | 59 | 51 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Fairwood | 268 | 18·9 | +6 | SE | 3 | 2 | 62 | 60 | 6 | 5 | - | - | 8 | 8 | - | 16 | - |
| 6 | Pembroke | 142 | 17·8 | +2 | SE'S | 3 | F+ | 61 | 61 | 0 | - | - | - | 0 | 0 | 0 | - | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 18·2 | +8 | - | 0 | in | 59 | 57 | 7 | 5 | 2 | - | 7 | 4 | 7 | 30 | - |
| | Holyhead, Valley | 32 | 18·9 | +10 | S'W | 3 | c.by | 60 | 58 | 7 | 5 | 2 | - | 5 | 3 | 5 | 30 | 57 |
| | Hawarden | 15 | 18·4 | +4 | - | 0 | c | 61 | 59 | 7 | 5 | 2 | - | 8 | 5 | 8 | 35 | - |
| 8 | Manchester | 230 | 17·8 | +6 | - | 0 | c | 59 | 57 | 5 | - | 1 | - | 8 | 8 | - | 100 | - |
| | Squires Gate | 30 | 18·2 | +10 | N | 2 | 2 | 63 | 57 | 6 | 5 | - | - | 8 | 8 | - | 40 | - |
| | Silloth | 25 | 17·9 | +4 | SW | 2 | c | 60 | 54 | 8 | 5 | 2 | - | 8 | 7 | 8 | 20 | - |
| 9 | Ashbourne | 590 | 18·6 | +2 | - | 0 | F+ | 60 | 55 | 2 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Snaith | 30 | 18·5 | +2 | - | 0 | rf | 62 | 62 | 2 | - | - | - | 0 | 0 | 0 | - | - |
| 10 | Spurn Head | 29 | 17·7 | 0 | WSW | 1 | 2 | 62 | 62 | 5 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Catterick (Sc.) | 195 | 17·9 | +2 | - | 0 | m | 60 | 60 | 4 | - | 7 | - | 3 | 3 | - | 100 | - |
| | Tynemouth | 108 | 17·8 | +4 | W | 2 | c.bc | 62 | 60 | 7 | 2 | - | - | 5 | 5 | - | 15 | - |
| | Acklington | 138 | 17·4 | -2 | W | 2 | f | 60 | 59 | 6 | - | 7 | - | 6 | 6 | - | 100 | - |
| 11 | St. Abb's Head | 280 | 16·9 | 0 | SSW | 2 | c | 61 | 56 | 7 | 5 | - | - | 6 | 6 | - | 25 | - |
| | Leuchars | 31 | 16·6 | 0 | SW | 1 | c/r | 60 | 57 | 7 | 5 | 7 | - | 8 | 3 | 8 | 5 | - |
| | Montrose | 22 | * | * | SSE | 2 | 2 | 59 | 57 | 5 | - | 7 | - | 8 | 8 | - | 0 | - |
| 12 | Abbotsinch | 19 | 16·8 | +2 | - | 0 | c/r | 59 | 58 | 6 | 5 | - | - | 8 | 4 | 8 | 12 | 15 |
| | Prestwick | 30 | 17·1 | +2 | ESE | 2 | id. | 59 | 57 | 6 | 5 | 2 | - | 8 | 4 | 6 | 8 | 15 |
| | West Freugh | 53 | 17·0 | +4 | SSW | 2 | rr | 59 | 55 | 4 | - | 2 | - | 8 | 8 | - | 1 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 17·8 | +4 | S | 2 | c/r | 60 | 58 | 8 | 5 | 2 | - | 8 | 6 | 8 | 13 | - |
| 13A | Machrihanish | 35 | 17·4 | +14 | W'N | 4 | c/r | 57 | 56 | 4 | 6 | 2 | - | 8 | 4 | 6 | 5 | 8 |
| | Tiree | 44 | 17·4 | +22 | WNW | 3 | bc | 56 | 54 | 7 | 5 | - | - | 9 | 4 | - | 20 | - |
| | Oban | 74 | 17·1 | +8 | SW | 2 | id. | 58 | 51 | 6 | 5 | - | - | 8 | 8 | 8 | 6 | 15 |
| 13B | Stornoway | 12 | 14·9 | +10 | W | 4 | id | 58 | 51 | 5 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Cape Wrath | 367 | 14·9 | +2 | SW | 4 | in. | 57 | 53 | 7 | 5 | 2 | - | 8 | 5 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 15·8 | -10 | - | 0 | in | 60 | 57 | 4 | - | 7 | - | 8 | 8 | - | 0 | - |
| | Fraserburgh | 76 | 16·6 | -2 | SSE | 1 | in | 58 | 56 | 6 | 5 | 2 | - | 8 | 5 | 8 | 25 | - |
| | Alness | 63 | 15·1 | +2 | WSW | 1 | c | 61 | 53 | 8 | 5 | 1 | - | 8 | 4 | 8 | 50 | - |
| | Wick | 114 | 14·5 | -6 | SW | 4 | 2 | 61 | 54 | 6 | 5 | 7 | - | 8 | 4 | 7 | 35 | - |
| 16 | Hatston | 45 | 14·4 | -2 | SW'S | 3 | 2 | 60 | 54 | 6 | 5 | - | - | 8 | 3 | 4 | 8 | 15 |
| | Sumburgh | 15 | 15·6 | -2 | S | 4 | c/r | 57 | 55 | 6 | 5 | 7 | - | 7 | 3 | 7 | 10 | - |
| | Sullom Voe | 12 | 15·9 | +2 | S | 3 | in | 55 | 55 | 6 | 6 | 7 | - | 7 | 4 | 7 | 38 | - |
| 17 | Blacksod Point | 18 | 19·8 | +12 | WNW | 2 | b | 53 | 48 | 8 | 5 | - | - | 1 | 1 | - | 40 | - |
| 18 | Malin Head | 84 | 10·8 | +14 | W | 3 | c | 57 | 52 | 8 | 5 | - | - | 6 | 6 | - | 8 | - |
| | Aldergrove | 294 | 18·0 | +14 | NW | 3 | c/r | 57 | 55 | 5 | - | 2 | - | 8 | 8 | - | 12 | - |
| | Cas. Archdale | 240 | 19·2 | +16 | NW | 3 | b | 56 | 53 | 8 | 5 | - | - | 1 | 1 | - | 20 | - |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 18·6 | +18 | WNW | 3 | d.d. | 57 | 55 | 6 | 5 | - | - | 8 | 8 | - | 12 | - |
| 20 | Foynes | 3 | 20·2 | +12 | WSW | 3 | b | 55 | 50 | 8 | 5 | - | - | 1 | 1 | - | 32 | - |
| | Valentia | 30 | 21·5 | +16 | - | 0 | b | 53 | 51 | 8 | 1 | - | - | 1 | 1 | - | 28 | - |
| | Roches Point | 22 | 20·1 | +20 | N | 4 | b | 57 | 52 | 8 | 5 | - | - | 1 | 1 | - | 25 | - |

Minimum temperatures and rainfall read at 0700 GMT.

## OBSERVATIONS at 06hr. G.M.T. August 25th

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A 0–9 (29) | Cloud Amount Low B 0–9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 22·2 | +10 | - | 0 | 2 | 56 | 56 | 6 | 5 | - | - | 4 | 3 | 1 | 29 | 40 | 1 | * |
| Croydon | 22·4 | +6 | SSE | 3 | CF+ | 56 | 56 | 3 | 5 | - | - | 5 | 5 | - | 30 | - | 1 | * |
| Boscombe Down | 21·3 | +2 | SSE | 3 | 2 | 59 | 57 | 6 | 5 | 7 | - | 5 | 4 | 4 | 45 | - | 1 | * |
| Thorney Island | 21·9 | +6 | E'N | 2 | 2 | 57 | 57 | 5 | - | 4 | 1 | 3 | 3 | 1 | - | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 22·9 | +12 | - | 0 | if | 57 | 57 | 4 | 5 | - | - | 3 | 3 | - | 30 | - | 1 | § - |
| Manston | 22·5 | +10 | SW | 2 | b | 57 | 56 | 7 | - | 4 | - | 2 | 2 | - | 0 | - | 3 | * |
| North Weald | 22·5 | +8 | S | 2 | c.bc.f+ | 55 | 55 | 0 | 5 | - | - | 5 | 5 | - | 0 | - | 1 | * |
| Felixstowe | 22·0 | +14 | W'S | 3 | 2 | 58 | 57 | 6 | 5 | 1 | - | 7 | 5 | 6 | 9 | - | 0 | 3 |
| Gorleston | 20·6 | +18 | SSW | 3 | 2 | 61 | 59 | 6 | - | - | - | 0 | 0 | 0 | - | - | 1 | 2 |
| Mildenhall | 21·4 | +18 | SW | 2 | 2 | 58 | 56 | 6 | - | 4 | - | 2 | 2 | - | - | - | 1 | * |
| Bircham Newton | 21·0 | +16 | SSW | 2 | c.bc | 57 | 57 | 6 | 5 | - | - | 5 | 5 | - | 2 | - | 1 | * |
| Cranwell | 20·3 | +2 | WSW | 2 | 2 | 58 | 58 | 5 | - | - | 1 | 1 | - | - | - | - | 1 | * |
| Cranfield | 21·1 | +12 | S | 2 | 2 | 55 | 54 | 6 | 5 | - | 1 | 3 | 3 | 2 | 35 | - | 1 | * |
| Honiley | 20·8 | +10 | S | 2 | 2 | 56 | 55 | 6 | 5 | 4 | 9 | 4 | 4 | 3 | 15 | - | 0 | * |
| Little Rissington | 21·0 | +8 | SSE | 2 | c.f | 56 | 56 | 5 | 5 | - | - | 7 | 1 | 7 | 4 | 25 | 1 | * |
| Shobden | 22·3 | +6 | W | 1 | id. | 58 | 57 | 4 | 5 | - | - | 8 | 8 | - | 12 | - | 1 | * |
| Bristol | 20·2 | +4 | S | 3 | c | 61 | 59 | 7 | 5 | - | - | 7 | 5 | 7 | 4 | 15 | 1 | * |
| Chivenor | 20·3 | +12 | W | 3 | c/d | 61 | 59 | 8 | 8 | - | - | 7 | 3 | 5 | 6 | 15 | 1 | * |
| Yeovilton | 20·6 | +6 | SSW | 3 | id. | 62 | 60 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 15 | 0 | * |
| Portland Bill | 20·8 | +10 | S | 3 | f | 62 | 59 | 2 | 5 | - | - | 8 | 8 | - | 25 | - | 1 | 3 |
| Exeter | 21·0 | +14 | W | 2 | c.bc | 61 | 59 | 8 | 8 | - | - | 5 | 5 | 5 | 7 | 40 | 1 | * |
| Plymouth | 21·3 | +12 | SSW | 1 | c | 59 | 55 | 7 | 5 | 7 | - | 7 | 5 | - | 3 | - | 1 | 4 |
| St. Eval | 21·3 | +16 | NW | 1 | c | 59 | 53 | 8 | 8 | 4 | 1 | 6 | 4 | 3 | 8 | 25 | 1 | * |
| The Lizard | 20·3 | +10 | - | 0 | c.bc | 58 | 58 | 7 | 8 | 3 | 4 | 5 | 4 | 2 | 20 | 40 | 1 | 4 |
| Scilly, St. Marys | 21·5 | +12 | NNW | 2 | - | 60 | 58 | 8 | 8 | - | - | 7 | 7 | - | 16 | - | 0 | 3 |
| Fairwood | 19·6 | +6 | SW | 3 | 2 | 61 | 61 | 5 | 5 | - | - | 8 | 3 | 5 | 3 | 8 | 1 | * |
| Pembroke | 19·8 | +20 | NNW | 3 | c/pr | 59 | 58 | 8 | 8 | - | - | 8 | 8 | - | 18 | - | 1 | 3 |
| Aberporth | 19·0 | +8 | SWS | 2 | d.f | 61 | 59 | 1 | 5 | - | - | 8 | 8 | - | - | - | 1 | * |
| Penrhos | 18·9 | +10 | NW | 2 | r.r. | 58 | 58 | 7 | 5 | - | - | 8 | 4 | 8 | 4 | 15 | 1 | 1 |
| Holyhead, Valley | 20·2 | +14 | NNW | 2 | c | 58 | 57 | 7 | 5 | - | - | 7 | 4 | 6 | 5 | 8 | 1 | 2 |
| Hawarden | 19·3 | +4 | WSW | 2 | 2 | 55 | 52 | 5 | 5 | - | - | 7 | 7 | - | 25 | - | 0 | * |
| Manchester | 19·6 | +10 | S | 2 | c.bc | 55 | 57 | 5 | 5 | 4 | 1 | 5 | 4 | 4 | 40 | - | 1 | * |
| Squires Gate | 19·5 | +12 | ESE | 2 | m | 57 | 56 | 4 | 4 | 4 | - | 4 | 4 | 3 | 40 | - | 0 | |
| Silloth | 19·0 | +10 | - | 0 | d.d. | 58 | 56 | 8 | 5 | - | - | 7 | 7 | - | 35 | - | 1 | * |
| Ashbourne | 20·6 | +16 | - | 0 | F | 53 | 53 | 1 | - | 4 | 5 | 3 | 2 | 3 | 100 | - | 1 | * |
| Snaith | 20·2 | +14 | SSW | 1 | c.bc.f | 57 | 57 | 1 | 5 | - | - | 5 | 5 | - | 30 | - | 1 | * |
| Spurn Head | 19·6 | +14 | S'W | 1 | 2 | 61 | 60 | 5 | 5 | 3 | - | 3 | 3 | 2 | 15 | 57 | 1 | 1 |
| Catterick (Sc.) | 19·3 | +10 | - | 0 | §s | 55 | 55 | 7 | 5 | 7 | - | 3 | 1 | 3 | 25 | - | 1 | * |
| Tynemouth | 19·1 | +10 | W | 2 | 2 | 55 | 57 | 6 | - | 3 | - | 3 | 3 | - | 0 | - | 1 | 2 |
| Acklington | 18·5 | +12 | W | 3 | bc | 57 | 55 | 7 | - | 3 | - | 4 | 3 | - | 100 | - | 1 | * |
| St. Abb's Head | 17·6 | +6 | SW | 3 | c.bc | 58 | 50 | 8 | 4 | 3 | - | 5 | 4 | 3 | 25 | - | 0 | 1 |
| Leuchars | 17·4 | +6 | SW | 2 | in. | 53 | 56 | 6 | 5 | 7 | - | 7 | 5 | 7 | 20 | - | 1 | * |
| Montrose | - | -18 | - | 0 | c/r | 57 | 55 | 8 | 5 | 7 | - | 6 | 1 | 3 | 20 | 40 | 0 | * |
| Abbotsinch | 17·9 | +8 | W'N | 1 | bc | 57 | 57 | 7 | 5 | 7 | - | 4 | 3 | 4 | 14 | 25 | 1 | * |
| Prestwick | 18·7 | +10 | NW'W | 3 | c/r | 57 | 56 | 7 | 5 | - | - | 7 | 5 | 7 | 5 | 15 | 1 | * |
| West Freugh | 18·7 | +10 | N | 4 | c | 56 | 55 | 8 | 5 | - | - | 7 | 4 | 7 | 10 | 25 | 1 | * |
| Eskdalemuir | 18·8 | +6 | WSW | 2 | c | 55 | 54 | 8 | 5 | 7 | - | 7 | 5 | 5 | 28 | - | 1 | * |
| Jurby, I. of Man | 15·5 | +16 | NW'N | 3 | c/d | 57 | 55 | 9 | 5 | 2 | - | 8 | 2 | 7 | 6 | 15 | 1 | * |
| Machrihanish | 18·5 | +4 | | | c | 56 | 53 | 7 | 7 | 7 | - | - | 2 | 3 | 10 | 25 | 1 | 3 |
| Tiree | 20·0 | +14 | WNW | 2 | b | 50 | 49 | 8 | 1 | - | 3 | 2 | 1 | 2 | 30 | - | 1 | 1 |
| Oban | 19·7 | +18 | NW | 3 | c | 55 | 53 | 9 | 5 | 3 | - | 6 | 1 | 6 | 10 | 25 | 1 | 1 |
| Stornoway | 18·2 | +20 | SW | 1 | bc | 49 | 48 | 7 | 5 | 7 | 8 | 4 | 3 | 3 | 20 | - | 1 | |
| Cape Wrath | 17·5 | +20 | W | 4 | c | 54 | 51 | 9 | 5 | 9 | - | 6 | 4 | - | 25 | - | 1 | 3 |
| Dalwhinnie | 18·8 | +6 | SE | 1 | c | 56 | 53 | 7 | 5 | - | - | 8 | 8 | - | 20 | - | 0 | * |
| Aberdeen† | 17·1 | +12 | WNW | 1 | c | 58 | 55 | 8 | 5 | 7 | - | 7 | 5 | 4 | 40 | - | 1 | 2 |
| Fraserburgh | 16·9 | +10 | W'N | 2 | id. | 55 | 54 | 8 | 5 | 3 | - | 7 | 2 | 7 | 40 | - | 1 | * |
| Alness | 17·9 | +18 | - | 0 | c | 57 | 53 | 8 | 5 | 7 | - | 7 | 3 | 5 | 18 | 25 | 1 | * |
| Wick | 17·0 | +22 | WNW | 3 | r.r. | 57 | 55 | 5 | 5 | - | - | 8 | 2 | 8 | 5 | 15 | 1 | * |
| Hatston | 15·7 | +10 | WNW | 5 | in | 57 | 57 | 6 | 5 | - | - | 8 | 4 | 8 | 4 | 15 | * | * |
| Sumburgh | 14·5 | +2 | W | 2 | in. | 55 | 51 | 6 | 5 | 2 | - | 8 | 1 | 6 | 10 | 15 | 1 | 3 |
| Sullom Voe | 14·5 | +6 | - | 0 | rr | 55 | 56 | 6 | - | 7 | - | 8 | 3 | 8 | 60 | - | 1 | * |
| Blacksod Point | 21·3 | +10 | - | 0 | b | 53 | 51 | 8 | 5 | - | - | 1 | 1 | - | 40 | - | 1 | 1 |
| Malin Head | 20·2 | +10 | N'W | 2 | bc | 57 | 53 | 8 | 8 | - | - | 4 | 4 | - | 25 | - | 0 | 2 |
| Aldergrove | 20·3 | +14 | NNW | 2 | c.bc | 54 | 52 | 8 | 5 | - | - | 5 | 3 | 5 | 12 | 40 | 1 | * |
| Cas. Archdale | 21·6 | +8 | - | 0 | b | 48 | 48 | 9 | 5 | 4 | 1 | 2 | 1 | 1 | 20 | - | 1 | * |
| Birr Castle | 22·3 | +16 | SE | 1 | b.bc | 45 | 41 | 8 | - | 4 | - | 3 | 0 | 0 | - | - | 1 | * |
| Collinstown | 20·8 | +14 | WNW | 2 | b | 51 | 50 | 7 | 3 | 1 | 3 | 2 | - | | 57 | - | 1 | * |
| Foynes | 22·1 | +14 | SE | 1 | bc | 47 | 46 | 9 | 8 | 3 | - | 4 | 4 | - | 25 | - | 1 | * |
| Valentia | 22·3 | +10 | NE'E | 2 | b | 48 | 47 | 8 | 5 | - | 1 | 1 | 1 | - | 60 | - | 1 | 1 |
| Roches Point | 22·0 | +12 | N | 3 | b | 53 | 52 | 8 | 5 | - | - | 2 | 2 | - | 25 | - | 1 | 4 |

Station 103 read at 0700 G.M.T.

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h-18h °F (35) | Temperature Min. Night 18h-6h °F (36) | Temperature Min. on Grass °F (37) | Rainfall Day 6h-18h mm. (38) | Rainfall Night 18h-6h mm. (39) | Sunshine 24 Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew | 71 | 41 | 45 | 14 | 4 | 0·9 |
| Croydon | 73 | 55 | 52 | 2 | 5 | 1·6 |
| Boscombe Down | 70 | 54 | 48 | – | Tr | 1·9 |
| Thorney Island | 72 | 55 | 50 | Tr | Tr | * |
| Friston | | | | | | |
| Lympne | 72 | 56 | 35 | 23 | 4 | 1·2 |
| Manston | 69 | 55 | 55 | 9 | 2 | 5·0 |
| North Weald | 73 | 54 | * | * | * | * |
| Felixstowe | 74 | 58 | 55 | 6 | 1 | 2·4 |
| Gorleston | 72 | 60 | 56 | 1 | 11 | 7·0 |
| Mildenhall | 77 | 57 | 55 | 11 | 1 | 6·1 |
| Bircham Newton | 74 | 57 | 50 | 12 | 1 | * |
| Cranwell | 75 | 57 | 51 | 11 | 9 | 2·6 |
| Cranfield | 72 | 54 | 50 | 9 | 9 | * |
| Honiley | 74 | 55 | 48 | Tr | - | * |
| Little Rissington | * | 54 | 51 | – | Tr | * |
| Shobden | 71 | 53 | 53 | 0·6 | 0·3 | * |
| Bristol | 72 | * | 57 | – | – | |
| Chivenor | 72 | 61 | 59 | – | 0·6 | * |
| Yeovilton | 67 | 56 | 52 | – | - | * |
| Portland Bill | 64 | 60 | * | – | – | * |
| Exeter | 69 | 61 | 53 | Tr | - | * |
| Plymouth | 67 | 55 | 56 | – | 2 | 5·4 |
| St. Eval | 69 | 57 | 52 | – | 4 | * |
| The Lizard | 68 | 57 | * | – | 1 | 6·8 |
| Scilly, St. Marys | 68 | 58 | * | 2 | – | 2·3 |
| Fairwood | * | 60 | 57 | – | 0·6 | * |
| Pembroke | 66 | 57 | * | 1 | 8 | 7·4 |
| Aberporth | 69 | 58 | 58 | – | 2 | 7·8 |
| Penrhos | 70 | 55 | 51 | – | 5 | * |
| Holyhead, Valley | 67 | 57 | 57 | Tr | 6 | * |
| Hawarden | 75 | 55 | 48 | 0·5 | – | – |
| Manchester | 75 | 57 | 49 | – | – | * |
| Squires Gate | 73 | 56 | * | – | - | * |
| Silloth | 69 | 57 | 51 | Tr | 0·3 | * |
| Ashbourne | 74 | 53 | 50 | 0·1 | 1 | * |
| Snaith | 77 | 55 | 52 | 4 | 5 | * |
| Spurn Head | 71 | 60 | * | 3 | 4 | |
| Catterick (Sc.) | 76 | 54 | 50 | 2 | 3 | 5·5 |
| Tynemouth | 69 | 59 | 56 | Tr | 3 | - |
| Acklington | 75 | 55 | 53 | – | 3 | * |
| St. Abb's Head | 76 | 61 | * | – | 2 | * |
| Leuchars | 73 | 57 | 55 | – | Tr | 8·7 |
| Montrose | 71 | 56 | 50 | Tr | 6·1 | |
| Abbotsinch | 71 | 57 | 54 | Tr | 7 | 7·7 |
| Prestwick | 71 | 57 | 56 | Tr | 14 | * |
| West Freugh | 67 | 54 | 54 | – | 24 | * |
| Eskdalemuir | 68 | 53 | 51 | Tr | 0·3 | 4·0 |
| Jurby, I. of Man | 70 | 57 | 57 | – | Tr | * |
| Machrihanish | 65 | 56 | 54 | 1 | 9 | * |
| Tiree | 66 | 49 | 39 | 0·1 | 0·1 | 7·8 |
| Oban | 71 | 55 | * | * | – | * |
| Stornoway | 67 | 46 | 38 | – | Tr | 5·5 |
| Cape Wrath | 66 | 47 | * | – | 1 | * |
| Dalwhinnie | 67 | 55 | 52 | – | – | 5·1 |
| Aberdeen† | 71 | 55 | 49 | – | 0·5 | 10·4 |
| Fraserburgh | 71 | 57 | 51 | Tr | 0·3 | * |
| Alness | 74 | 55 | * | – | 2 | * |
| Wick | 68 | 57 | 47 | – | 7 | * |
| Hatston | * | * | * | * | * | * |
| Sumburgh | 61 | 53 | 52 | – | 7 | 5·8 |
| Sullom Voe | 71 | 57 | 55 | – | 4 | * |
| Blacksod Point | 63 | 50 | * | 0·1 | Tr | * |
| Malin Head | 69 | 54 | * | 0·1 | – | 6·6 |
| Aldergrove | 68 | 54 | 52 | Tr | 4 | 5·5 |
| Cas. Archdale | 64 | 48 | 40 | 1 | - | * |
| Birr Castle | 64 | 42 | 36 | 3 | - | 0·1 |
| Collinstown | 70 | 51 | 49 | 2 | 5 | 5·5 |
| Foynes | 66 | * | * | 3 | Tr | 2·1 |
| Valentia | 64 | 47 | 43 | 0·1 | Tr | 3·2 |
| Roches Point | 67 | 52 | * | 4 | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/16; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 15/16; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Saturday 26th August 1944

No. 30228

## OBSERVATIONS at 12h. G.M.T. 25th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F (6) | Dew Point °F (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Amount Total 0-9 (12) | Amount Low A 0-9 (13) | Amount Low B 0-9 (14) | Height of Base Hundreds of feet A (15) | Height of Base B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 24·0 | +8 | SSW | 2 | c | 69 | 62 | 8 | 8 | 3 | – | 7 | 3 | 5 | 31 | 40 |
| | Croydon | 24·2 | +4 | S | 2 | c | 72 | 59 | 8 | 2 | 6 | 1 | 6 | 5 | 2 | 25 | – |
| | Boscombe Down | 23·5 | +10 | SE | 3 | ebc | 69 | 61 | 7 | 8 | – | – | 5 | 5 | 5 | 20 | 40 |
| | Thorney Island | 24·0 | +10 | S | 3 | ebc | 72 | 63 | 8 | 5 | – | 4 | 5 | 4 | 3 | 25 | 40 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 25·0 | +2 | SE | 2 | ebc | 67 | 62 | 7 | 5 | – | 4 | 5 | 3 | 5 | 8 | – |
| | Manston | 24·5 | +4 | SE | 3 | b-bc | 68 | 61 | 8 | 1 | – | 4 | 3 | 3 | 3 | 40 | – |
| 2 | North Weald | 24·6 | +6 | SE | 4 | z | 71 | 59 | 6 | 1 | – | 1 | 6 | 5 | – | 30 | – |
| | Felixstowe | 24·4 | +2 | SE | 4 | bc | 70 | 62 | 8 | 1 | – | 2 | 4 | 4 | 2 | 30 | – |
| | Gorleston | 24·1 | +10 | SSE | 2 | ebc | 68 | 63 | 7 | 1 | – | – | 5 | 5 | – | 30 | – |
| | Mildenhall | 23·6 | +4 | SW'W | 2 | ebc | 72 | 62 | 7 | 7 | – | 1 | 5 | 4 | 5 | 25 | 40 |
| | Bircham Newton | 23·4 | +6 | SW | 3 | bc | 72 | 60 | 8 | 1 | 6 | 1 | 4 | 3 | 4 | 25 | – |
| | Cranwell | 22·9 | +10 | SE | 2 | c | 70 | 62 | 7 | 8 | 7 | – | 6 | 4 | 5 | 25 | 40 |
| 3 | Cranfield | 23·3 | +8 | SSW | 3 | c | 69 | 61 | 8 | 2 | 6 | – | 6 | 5 | 3 | 25 | – |
| | Honiley | 23·1 | +10 | S | 3 | c | 66 | 60 | 8 | 8 | 9 | – | 7 | 5 | 6 | 20 | – |
| 4 | Little Rissington | 23·1 | +6 | SSW | 3 | %d | 65 | 59 | 8 | 8 | – | 3 | 6 | 3 | 5 | 10 | 25 |
| | Shobden | 22·6 | +10 | S | 2 | c | 68 | 59 | 8 | 8 | – | 4 | 7 | 4 | 6 | 18 | 40 |
| 5 | Bristol | 23·4 | +14 | N | 3 | c | 69 | 58 | 8 | 2 | 3 | 6 | 6 | 3 | 4 | 25 | – |
| | Chivenor | 24·0 | +18 | NWN | 3 | c | 65 | 57 | 9 | 8 | 3 | 4 | 7 | 3 | 2 | 20 | 40 |
| | Yeovilton | 23·3 | +10 | SSW | 2 | ebc | 70 | 58 | 8 | 8 | – | 6 | 5 | 3 | 5 | 20 | 25 |
| | Portland Bill | 24·5 | +16 | SW | 3 | ebc | 64 | 61 | 8 | 2 | – | – | 5 | 5 | – | 50 | – |
| | Exeter | 23·6 | +12 | NW | 3 | c | 68 | 59 | 8 | 8 | – | 5 | 6 | 5 | 4 | 18 | – |
| | Plymouth | 23·5 | +6 | SW | 2 | ebc | 65 | 59 | 8 | 2 | 3 | 4 | 5 | 4 | 3 | 25 | – |
| | St. Eval | 24·4 | +12 | NNW | 3 | c | 64 | 57 | 8 | 2 | 7 | 6 | 6 | 4 | 4 | 20 | – |
| | The Lizard | 23·4 | +10 | N | 1 | %pr | 64 | 61 | 7 | 8 | – | – | 7 | 7 | – | 24 | – |
| | Scilly, St. Marys | 24·9 | +18 | N | 2 | c | 64 | 59 | 8 | 8 | 3 | – | 7 | 3 | 5 | 22 | 57 |
| 6 | Fairwood | 23·3 | +18 | N | 3 | c | 64 | 59 | 8 | 5 | – | – | 7 | 4 | 7 | 12 | 25 |
| | Pembroke | 24·3 | +16 | NWN | 3 | c | 59 | 57 | 8 | 8 | – | – | 8 | 8 | – | 15 | – |
| | Aberporth | 23·5 | +20 | NWN | 3 | c | 58 | 57 | 7 | 5 | – | – | 8 | 2 | 8 | 1 | 4 |
| 7 | Penrhos | 22·9 | +18 | NNW | 3 | %d | 63 | 59 | 7 | 8 | – | 2 | 7 | 2 | 5 | 10 | 25 |
| | Holyhead, Valley | 23·9 | +16 | N | 3 | ebc | 61 | 56 | 8 | 5 | 7 | – | 5 | 3 | 5 | 15 | – |
| | Hawarden | 22·6 | +16 | NW | 3 | ir | 64 | 61 | 6 | 5 | – | – | 8 | 5 | 8 | 15 | 25 |
| 8 | Manchester | 22·4 | +16 | SW | 3 | pr | 67 | 59 | 6 | 2 | – | – | 8 | 8 | – | 15 | – |
| | Squires Gate | 23·0 | +20 | NW | 3 | i₀ | 64 | 60 | 6 | 6 | 2 | – | 8 | 4 | 8 | 10 | – |
| | Silloth | 22·4 | +16 | NNW | 2 | c | 64 | 60 | 8 | 2 | 3 | – | 6 | 5 | 3 | 20 | – |
| 9 | Ashbourne | 23·1 | +12 | S | 3 | z | 64 | 61 | 5 | 5 | – | – | 8 | 4 | 8 | 10 | 15 |
| | Snaith | 22·6 | +6 | ENE | 3 | z | 73 | 51 | 6 | 5 | 3 | 2 | 5 | 3 | 3 | 35 | – |
| 10 | Spurn Head | 22·9 | +10 | SE | 1 | c | 71 | 65 | 6 | 1 | 1 | – | 8 | 4 | 5 | 25 | 57 |
| | Catterick (Sc.) | 22·1 | +4 | S | 3 | c | 71 | 59 | 7 | 2 | – | 2 | 6 | 5 | 3 | 25 | – |
| | Tynemouth | 23·4 | +20 | SE | 3 | z | 66 | 58 | 5 | 2 | 3 | – | 4 | 4 | 3 | 26 | – |
| | Acklington | 22·1 | +22 | NNW | 2 | c | 67 | 58 | 8 | 8 | 4 | – | 6 | 4 | 4 | 25 | 40 |
| 11 | St. Abb's Head | 22·2 | +28 | – | 0 | c | 61 | 58 | 9 | 5 | – | – | 7 | 7 | – | 26 | – |
| | Leuchars | 20·9 | +10 | E | 2 | c | 67 | 58 | 8 | 7 | 7 | – | 7 | 3 | 5 | 15 | 25 |
| | Montrose | * | * | NE | 3 | y₀m | 60 | 58 | 8 | 3 | 7 | – | 7 | 3 | 6 | 9 | 40 |
| 12 | Abbotsinch | 21·4 | +18 | NNW | 2 | bc | 57 | 53 | 8 | 2 | 7 | 4 | 4 | 3 | 1 | 25 | – |
| | Prestwick | 23·1 | +14 | WN | 3 | bc | 65 | 52 | 8 | 1 | – | 2 | 4 | 3 | 4 | 25 | – |
| | West Freugh | 23·0 | +18 | NW | 4 | ebc | 62 | 53 | 8 | 5 | – | 6 | 5 | 3 | 4 | 25 | – |
| | Eskdalemuir | 22·0 | +14 | NWN | 5 | c | 63 | 57 | 8 | 5 | – | – | 7 | 7 | – | 18 | – |
| | Jurby, I. of Man | 23·3 | +16 | W'S | 3 | ebc | 61 | 55 | 8 | 2 | 3 | 4 | 5 | 2 | 4 | 14 | – |
| 13A | Machrihanish | 23·6 | +14 | W | 3 | b-bc | 61 | 55 | 8 | 1 | 3 | 4 | 3 | 3 | 2 | 25 | – |
| | Tiree | 23·6 | [illegible] | W'S | 2 | bc | 62 | 52 | 9 | 2 | 7 | – | 4 | 4 | 1 | 32 | – |
| | Oban | 23·1 | +4 | WNW | 2 | b | 60 | 59 | 9 | 1 | – | 1 | 2 | 1 | 2 | 30 | – |
| 13B | Stornoway | 21·0 | +10 | WSW | 3 | ebc | 65 | 51 | 8 | 2 | 4 | – | 5 | 4 | 4 | 25 | 40 |
| | Cape Wrath | 21·0 | +18 | SW | 4 | b-bc | 57 | 53 | 9 | 2 | 4 | – | 3 | 3 | – | 40 | – |
| 15 | Dalwhinnie | 22·4 | +16 | NE | 1 | bc | 62 | 51 | 8 | 2 | – | 4 | – | 4 | 4 | 28 | – |
| | Aberdeen | 22·2 | +24 | NNW | 2 | c | 63 | 57 | 9 | 7 | – | – | 7 | 3 | 7 | 25 | 57 |
| | Fraserburgh | 22·6 | +38 | NNW | 3 | b-bc | 60 | 53 | 8 | 5 | – | – | 3 | 3 | 3 | 15 | 40 |
| | Alness | 21·7 | +14 | SE | 2 | b-bc | 69 | 50 | 9 | 1 | – | 1 | 3 | 2 | 1 | 25 | – |
| | Wick | 21·5 | +22 | WNW | 4 | bc | 63 | 48 | 9 | 1 | – | 1 | 4 | 3 | 4 | 30 | – |
| 16 | Hatston | 20·7 | +22 | NW | 4 | c-bc | 61 | 53 | 8 | 1 | – | 5 | 5 | 4 | 3 | 30 | – |
| | Sumburgh | 18·5 | +30 | WNW | 4 | b-bc | 57 | 51 | 8 | 5 | 4 | 1 | 3 | 1 | 3 | 9 | – |
| | Sullom Voe | 18·8 | +30 | W | 3 | bc | 58 | 50 | 8 | 1 | 4 | – | 4 | 3 | 3 | 10 | – |
| 17 | Blacksod Point | 23·8 | +8 | S'W | 3 | b-bc | 64 | 52 | 8 | 1 | 6 | – | 3 | 2 | – | 57 | – |
| 18 | Malin Head | 23·9 | +18 | NNW | 1 | bc | 61 | 53 | 8 | 1 | 3 | – | 4 | 3 | – | 25 | – |
| | Aldergrove | 23·8 | +10 | NW | 1 | bc | 63 | 53 | 9 | 1 | 4 | 1 | 4 | 4 | 2 | 20 | – |
| | Cas. Archdale | 24·3 | +8 | W | 1 | b-bc | 64 | 55 | 9 | 1 | – | 1 | 3 | 3 | 1 | 25 | – |
| 19 | Birr Castle | 24·5 | +8 | NE | 1 | bc | 66 | 54 | 8 | – | 4 | 1 | 4 | 0 | – | – | – |
| | Collinstown | 24·0 | +10 | NWN | 2 | c | 61 | 53 | 9 | 8 | – | – | 7 | 7 | – | 35 | – |
| 20 | Foynes | 24·4 | +6 | NW | 3 | b-bc | 65 | 58 | 9 | 1 | – | 1 | 3 | 3 | – | 25 | – |
| | Valentia | 24·8 | +10 | SSW | 3 | bc | 68 | [illegible] | 9 | 4 | – | – | 4 | 4 | – | 29 | – |
| | Roches Point | 24·8 | +6 | – | 0 | bc | 65 | 57 | 8 | 2 | – | 5 | 4 | 3 | – | 25 | – |

## OBSERVATIONS at 18h. G.M.T. 25th August — PAST 24 HOURS

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A 0-9 (29) | Low B 0-9 (30) | Height of Base A (31) | Height of Base B (32) | State of Ground 0-9 (33) | Sea 0-9 (34) | Weather 06h.–12h. 25th (41) | 12h.–18h. 25th (42) | 18h. 25th to 00h. 26th (43) | 00h.–06h. 26th (44) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 24·1 | +2 | SSW | 2 | bc | 71 | 60 | 8 | 2 | 4 | 4 | 4 | 1 | 3 | 34 | 40 | 1 | * | bcwc | cbc | bcbcw | bbcm₀w |
| Croydon | 23·9 | +2 | S | 2 | b-bc | 72 | 57 | 8 | 2 | 6 | 1 | 3 | 1 | 3 | 30 | – | 0 | * | bcfbcm₀c | cbcb | bcbbcw | bcbfbcm |
| Boscombe Down | 24·1 | +6 | SW | 2 | bc | 66 | 59 | 8 | 8 | – | 2 | 4 | 3 | 3 | 20 | 40 | 0 | * | cm₀dodm₀c | cbc | bcb | |
| Thorney Island | 24·4 | +2 | S'W | 3 | c-bc | 67 | 62 | 8 | 7 | – | 2 | 5 | 3 | 3 | 30 | 57 | 0 | * | bcm₀c | boc | bbc | bm₀FF |
| Friston | | | | | | | | | | | | | | | | | | * | | | | |
| Lympne | 25·3 | +6 | ESE | 1 | b-bc | 66 | 61 | 8 | – | – | 1 | 3 | 3 | – | 230 | – | 0 | § 1 | bcbm₀cm₀c | cbc | bm₀bcm₀ | cm₀bcm₀ |
| Manston | 24·5 | -2 | SE | 2 | b-bc | 67 | 62 | 7 | – | 4 | 1 | 3 | 2 | 2 | – | – | 1 | * | bbcbbcl | bc | bcm₀w | cm₀w |
| North Weald | 24·5 | +2 | W | 2 | z₀ | 71 | 62 | 6 | 2 | 3 | – | 6 | 3 | 6 | 35 | – | 1 | * | bccz₀ | cz₀bcz₀ | cm₀bm₀ | bm₀cff |
| Felixstowe | 25·2 | +2 | SE | 3 | b | 68 | 61 | 8 | 5 | – | – | 1 | 1 | – | 50 | – | 0 | 2 | cm₀bbc | bcb | bbc | bbcc |
| Gorleston | 24·2 | +2 | S | 3 | bc | 67 | 62 | 7 | 5 | – | – | 4 | 4 | – | 25 | – | 0 | 3 | bcc | cbc | bcb | bcc |
| Mildenhall | 24·1 | 0 | SW | 1 | z₀ | 73 | 62 | 6 | 8 | 6 | – | 4 | 4 | 4 | 30 | – | 0 | * | bm₀bcc | cm₀bcm₀ | bcz₀bcm | bcm₀cm₀ |
| Bircham Newton | 24·5 | +4 | SW | 1 | c | 71 | 63 | 7 | 5 | – | – | 7 | 7 | – | 55 | – | 0 | * | bm₀bc | c | cbc | bcm₀ |
| Cranwell | 23·8 | +2 | SE'S | 1 | c | 70 | 64 | 8 | 5 | 3 | 2 | 6 | 4 | 5 | 40 | – | 0 | * | bcm₀c | c | cm₀ | cm₀mf |
| Cranfield | 23·5 | 0 | SSE | 1 | bc | 72 | 62 | 8 | 8 | – | – | 4 | 4 | 2 | 35 | – | 0 | * | c | cbc | bc | bcm₀b |
| Honiley | 23·5 | +4 | S | 3 | bc | 72 | 53 | 8 | 4 | 4 | 2 | 4 | 3 | 3 | 25 | – | 0 | * | c | cybcycy | bcyb– | bm₀omp |
| Little Rissington | 23·4 | +6 | W | 3 | c-bc | 67 | 53 | 8 | 5 | – | 6 | 5 | 3 | 5 | 25 | – | 1 | * | ccid₀c | cbccbc | bcbbc | bcbcFF |
| Shobden | 24·2 | +10 | W | 2 | bc | 66 | 57 | 9 | 8 | 4 | 4 | 4 | 2 | 3 | 30 | 57 | 0 | * | cid₀cm₀c | ccvbcv | bccbc | bccm₀ |
| Bristol | 24·2 | 0 | W'N | 4 | bc | 68 | 57 | 8 | 8 | 3 | 2 | 4 | 1 | 1 | 30 | 40 | 0 | * | cod₀d₀c | ccybc | bcwb | bm₀oifw |
| Chivenor | 25·1 | +2 | NW'N | 3 | b-bc | 63 | 58 | 8 | 1 | 4 | 1 | 3 | 3 | 2 | 20 | – | 0 | * | c | cbc | bcbcw | bcwFJf |
| Yeovilton | 24·3 | +6 | NW'W | 2 | bc | 67 | 57 | 8 | 8 | 4 | 6 | 4 | 2 | 2 | 25 | 72 | 0 | * | id₀cbcc | bc | bcbc | bczmfbc |
| Portland Bill | 24·9 | +2 | SW | 3 | c-bc | 65 | 61 | 8 | 2 | – | – | 5 | 5 | – | 50 | – | 1 | 3 | c | c | bc | bo |
| Exeter | 24·5 | +2 | S | 2 | c | 67 | 60 | 8 | 5 | 1 | – | 6 | 5 | 4 | 20 | – | 0 | * | c | c | cbc | bcbm₀cm₀ |
| Plymouth | 24·9 | +6 | NW'N | 3 | bc | 67 | 54 | 9 | 4 | 4 | 5 | 4 | 4 | 2 | 30 | – | 0 | 2 | cbcc | cbc | cbc | bccbw |
| St. Eval | 25·7 | +4 | NW | 3 | bc | 62 | 56 | 9 | 2 | 4 | 4 | 4 | 4 | 4 | 30 | – | 0 | * | c | cbc | bc | bbccbifw |
| The Lizard | 24·6 | +6 | N | 3 | bc | 65 | 54 | 8 | 7 | 6 | 4 | 4 | 4 | 2 | 25 | 57 | 0 | | rrprc | cbc | bc | bcw |
| Scilly, St. Marys | 26·0 | +6 | N | 2 | bc | 62 | 55 | 8 | 7 | 3 | 4 | 4 | 3 | 8 | 25 | – | 0 | 2 | c | cbc | cbcb | bbcw |
| Fairwood | 24·8 | +4 | NW | 2 | bc | 63 | 57 | 8 | 2 | 6 | – | 4 | 2 | 3 | 10 | 25 | 1 | * | ccv | cvcpr₀c | cbc | bc |
| Pembroke | 25·6 | +4 | N'E | 1 | b-bc | 62 | 53 | 8 | 2 | 4 | 1 | 3 | 3 | 2 | 20 | – | 0 | 2 | cpr₀ | cbc | bcw | bcc |
| Aberporth | 25·4 | +6 | NW | 2 | c | 58 | 55 | 8 | 5 | 7 | – | 7 | 1 | 6 | 12 | 40 | 1 | 2 | orrF d₀d₀ | oc | | c |
| Penrhos | 24·6 | +8 | WNW | 4 | c | 60 | 52 | 8 | 5 | 7 | 1 | 6 | 2 | 5 | 25 | 40 | 0 | 3 | cd₀d₀m₀id₀m₀ | c | cbcc | bwbcfgw |
| Holyhead, Valley | 25·6 | +6 | NNW | 2 | c-bc | 60 | 52 | 8 | 5 | 7 | 2 | 5 | 2 | 4 | 16 | – | 0 | 2 | c | c | bbcbm₀g | bfgifw |
| Hawarden | 24·5 | +8 | NW | 4 | c | 61 | 59 | 7 | 5 | – | – | 7 | 4 | 6 | 16 | 25 | 0 | * | ccir₀ | cir₀cm₀c | cm | cbcwbcfg |
| Manchester | 23·3 | +2 | NW'N | 2 | c-bc | 65 | 60 | 5 | 4 | – | – | 5 | 5 | – | 35 | – | 0 | * | bcm₀cz₀ | cpr₀z₀ | cm₀m₀m₀ | wcm₀m₀w |
| Squires Gate | 24·4 | +2 | NW | 3 | z₀ | 62 | 58 | 7 | 5 | 7 | 8 | 5 | 2 | 2 | 20 | 40 | 0 | * | bcm₀cz₀c | cr₀m₀ | bccm₀ | cem₀ |
| Silloth | 22·6 | +8 | W'S | 2 | c | 65 | 47 | 8 | 8 | 7 | 1 | 6 | 2 | 4 | 25 | 57 | 0 | * | cd₀d₀m₀m₀ | c | cbcc | ccir₀c |
| Ashbourne | 23·7 | +2 | ESE | 1 | c-bc | 69 | 61 | 8 | 2 | 6 | 9 | 5 | 3 | 2 | 25 | – | 0 | * | cm₀ | cm₀c | cbcm₀c | cm₀cm₀w |
| Snaith | 24·1 | +6 | S'E | 2 | z₀ | 70 | 60 | 6 | 2 | 7 | 2 | 6 | 2 | 4 | 20 | – | 0 | * | cFbcfz₀y | cpr₀z₀ | cz₀m₀ | bcm₀F |
| Spurn Head | 23·0 | +4 | SW | 1 | c-bc | 71 | 61 | 7 | 5 | 4 | – | 5 | 4 | 3 | 25 | 57 | 0 | 1 | cbc | bcc | c | om₀ |
| Catterick (Sc.) | 23·7 | +18 | – | 0 | z₀ | 68 | 63 | 6 | 5 | – | – | 8 | 8 | – | 35 | – | 0 | * | bcc | cz₀cm₀ | cm₀ | cm₀oF |
| Tynemouth | 25·0 | +6 | E | 2 | z₀ | 63 | 59 | 6 | 8 | – | – | 5 | 5 | – | 26 | – | 1 | 2 | bcm₀ | bccm₀ | cm₀c | comfefe |
| Acklington | 25·2 | +18 | NNE | 2 | z₀ | 61 | 54 | 6 | 5 | – | – | 7 | 4 | 7 | 30 | 57 | 1 | * | bcc | cir₀cm₀ | cm₀bcm₀fg | cm₀mF |
| St. Abb's Head | 25·2 | +8 | SE | 2 | c-bc | 57 | 55 | 7 | 5 | 3 | – | 5 | 5 | 3 | 24 | – | 0 | 1 | bcc | cbc | cm₀pr | mF |
| Leuchars | 25·1 | +14 | E | 1 | c | 59 | 55 | 7 | 5 | 7 | – | 8 | 4 | 8 | 12 | – | 1 | * | cir₀m₀c | cbcc | ccm₀ | cm₀c |
| Montrose | * | * | ENE | 2 | c | 57 | 53 | 9 | 5 | 7 | – | 7 | 2 | 5 | 12 | 40 | 0 | * | cir₀cpr₀m₀c | c | c | ccm₀c |
| Abbotsinch | 24·2 | +12 | WNW | 2 | bc | 67 | 55 | 9 | 2 | – | 3 | 4 | 2 | 4 | 30 | – | 1 | * | bccbc | bcybybc | bcb | bwcm₀w |
| Prestwick | 25·0 | +6 | W | 2 | bc | 64 | 55 | 9 | 1 | – | 6 | 4 | 1 | 4 | 30 | – | 0 | * | cbc | bcybbc | bcb | bm₀fbm₀ |
| West Freugh | 25·0 | +10 | NNW | 3 | c-bc | 61 | 52 | 9 | 4 | – | 2 | 5 | 1 | 5 | 30 | – | 0 | * | cr₀bc | bcc | cbcb | bwbcfg |
| Eskdalemuir | 23·9 | +8 | WSW | 1 | c-bc | 63 | 58 | 8 | 7 | – | 9 | 5 | 4 | 4 | 28 | – | 0 | * | cd₀d₀m₀ | c | cw | cm₀w |
| Jurby, I. of Man | 25·4 | +14 | NW'W | 3 | c | 60 | 54 | 8 | – | 7 | 6 | 7 | 3 | – | – | – | 0 | * | c | c | cbcbw | bwbcfg |
| Machrihanish | 25·7 | +12 | W'S | 3 | b-bc | 60 | 56 | 8 | – | – | 4 | 3 | 3 | 3 | – | – | 0 | 2 | bc | bc | bcb | b |
| Tiree | 25·6 | +8 | WSW | 1 | b | 61 | 53 | 9 | 1 | 3 | – | 2 | 1 | 2 | 20 | – | 0 | 0 | bbc | bcb | b | bwbuffg |
| Oban | 25·8 | +14 | SW | 2 | b | 62 | 56 | 9 | 4 | – | – | 1 | 2 | – | 20 | – | 0 | 1 | bc | b | b | bofswb |
| Stornoway | 23·2 | +10 | SSE | 3 | c-bc | 61 | 55 | 9 | 5 | 4 | – | 5 | 3 | 4 | 20 | 57 | 0 | 2 | bccbc | bcybcc | c | cbccw |
| Cape Wrath | 23·4 | +10 | W | 4 | bc | 57 | 53 | 9 | 2 | 6 | 1 | 4 | 4 | – | 25 | – | 0 | 3 | bc | bc | bc | c |
| Dalwhinnie | 25·0 | +8 | NW | 2 | b | 65 | 45 | 8 | 2 | – | – | 2 | 2 | – | 30 | – | 0 | * | obc | bc | | bccbc |
| Aberdeen | 25·5 | +14 | SE | 2 | c | 58 | 51 | 8 | 5 | – | – | 7 | 7 | – | 40 | – | 0 | 2 | cbccv | cbcc | c | cbcm |
| Fraserburgh | 25·0 | +14 | E'S | 2 | b-bc | 58 | 52 | 9 | 5 | 3 | – | 3 | 2 | 3 | 25 | – | 0 | | cir₀cbc | bbc | bc | bcdw |
| Alness | 23·8 | +12 | ENE | 2 | b | 67 | 52 | 9 | 1 | 3 | – | 2 | 1 | 2 | 40 | – | 0 | * | bcby | byby | bybcb | bbw |
| Wick | 24·4 | -14 | SSE | 1 | b | 58 | 52 | 9 | 1 | – | – | 1 | 1 | – | 30 | – | | * | cir₀bc | | b | bbjf |
| Hatston | 23·9 | +14 | W | 4 | b | 60 | 52 | 9 | – | 4 | – | 2 | 2 | 2 | – | – | * | * | crcbc | b | b | bbcb |
| Sumburgh | 22·9 | +14 | WSW | 4 | b | 56 | 52 | 8 | 1 | – | – | 1 | 1 | – | 12 | – | 0 | 2 | cm₀ir₀bc | bcb | bw | cuw |
| Sullom Voe | 22·3 | +10 | W | 4 | c-bc | 58 | 54 | 8 | 2 | – | – | 5 | 5 | – | 10 | – | 0 | * | cid₀m₀bc | bcc | bcc | cpr₀bc |
| Blacksod Point | 25·3 | +8 | S'W | 4 | c | 62 | 57 | 8 | 8 | – | – | 7 | 7 | – | 25 | – | 1 | 3 | bc | bc | b | cl |
| Malin Head | 25·0 | -38 | N'W | 1 | b | 61 | 60 | 9 | – | – | – | 0 | 0 | 0 | – | – | 1 | 1 | bc | b | b | b |
| Aldergrove | 25·3 | +6 | N'W | 2 | b-bc | 65 | 53 | 9 | 4 | – | 1 | 3 | 1 | 3 | 40 | – | 0 | * | cbc | bcbcybc | bcb | bw |
| Cas. Archdale | 25·4 | +2 | – | 0 | b | 68 | 61 | 9 | 1 | – | – | 2 | 2 | – | 28 | – | 0 | * | bbcb | b | b | b |
| Birr Castle | 25·1 | +4 | NE | 1 | b-bc | 67 | 55 | 8 | – | 4 | – | 3 | 0 | – | – | – | 1 | * | bc | bc | | b |
| Collinstown | 25·3 | +2 | SE | 2 | bc | 63 | 55 | 8 | 2 | 3 | 2 | 4 | 3 | – | 29 | – | 1 | * | c | bc | b | b |
| Foynes | 25·2 | +6 | – | 0 | b | 68 | 56 | 9 | 1 | – | 1 | 1 | 1 | – | 38 | – | 0 | * | b | b | b | b |
| Valentia | 26·1 | +6 | S'W | 3 | b | 65 | 58 | 9 | 1 | 4 | – | 2 | 1 | – | 32 | – | 1 | 2 | bc | b | b | pr |
| Roches Point | 26·0 | +6 | WSW | 2 | b | 65 | 58 | 8 | 1 | – | – | 2 | 2 | – | 40 | – | 1 | 3 | bc | b | b | b |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil 1 = Trace 2 = 1/10 3 = 1/4 4 = 1/2 5 = 3/4 6 = 9/10 7 = More than 9 but with openings. 8 = Completely covered. 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present. B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

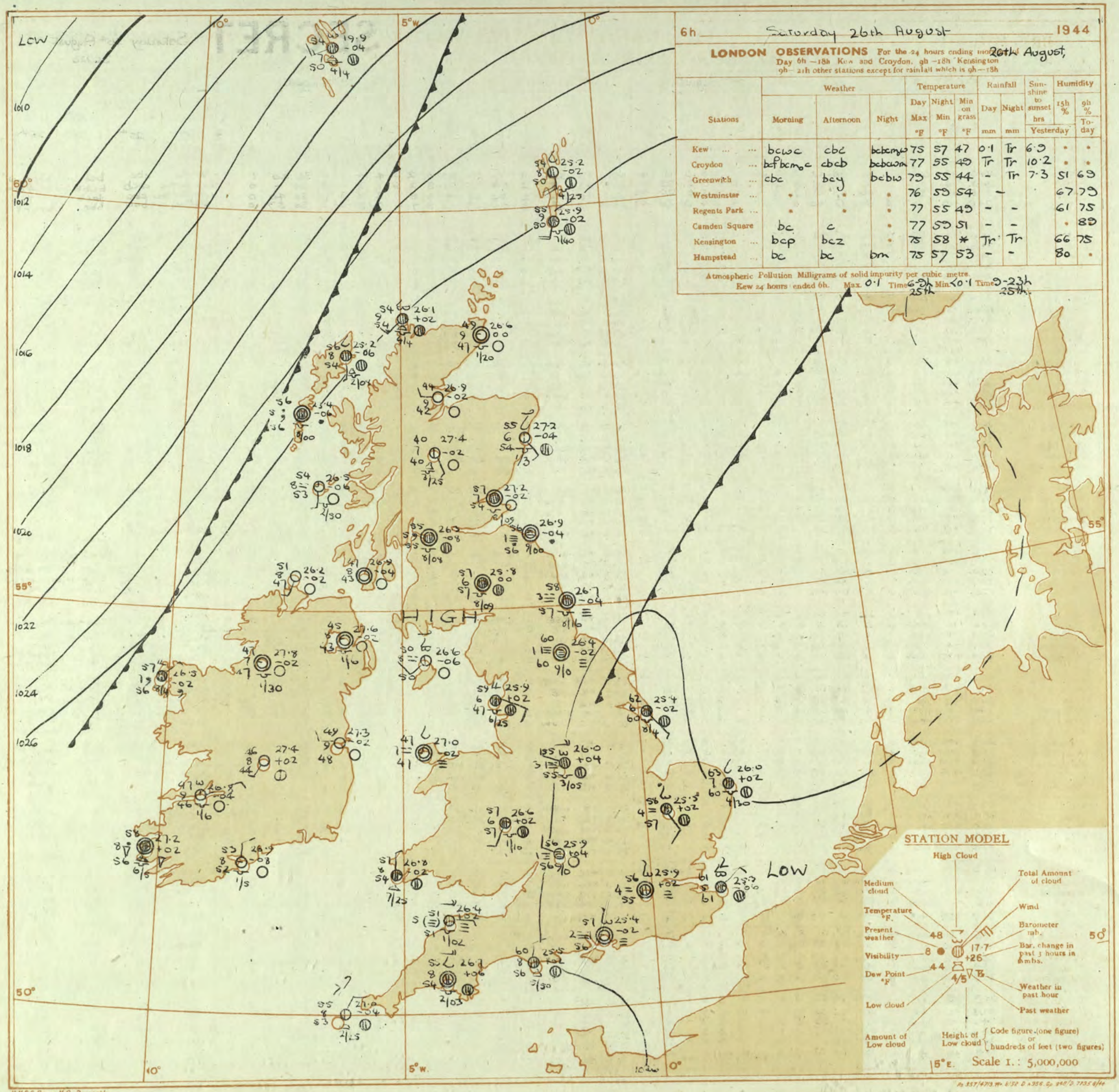
6h Saturday 26th August 1944

## LONDON OBSERVATIONS

For the 24 hours ending morning 26th August,
Day 6h – 18h Kew and Croydon. 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs (Yesterday) | Humidity 15h % (Yesterday) | Humidity 9h % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | bcwc | cbc | bcbcmw | 75 | 57 | 47 | 0·1 | Tr | 6·9 | • | • |
| Croydon ... | bcfbcmoc | cbcb | bcbcwm | 77 | 55 | 49 | Tr | Tr | 10·2 | • | • |
| Greenwich ... | cbc | bcy | bcbw | 79 | 55 | 44 | – | Tr | 7·3 | 51 | 69 |
| Westminster ... | • | • | • | 76 | 59 | 54 | – | | | 67 | 79 |
| Regents Park ... | • | • | • | 77 | 55 | 49 | – | – | | 61 | 75 |
| Camden Square | bc | c | • | 77 | 59 | 51 | – | – | | • | 89 |
| Kensington ... | bcp | bcz | • | 75 | 58 | * | Tr | Tr | | 66 | 75 |
| Hampstead ... | bc | bc | bm | 75 | 57 | 53 | – | – | | 80 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0·1 Time 6-9h 25th Min <0·1 Time 9-23h 25th.




H.M.S.O. Press, M.O., Dunstable.

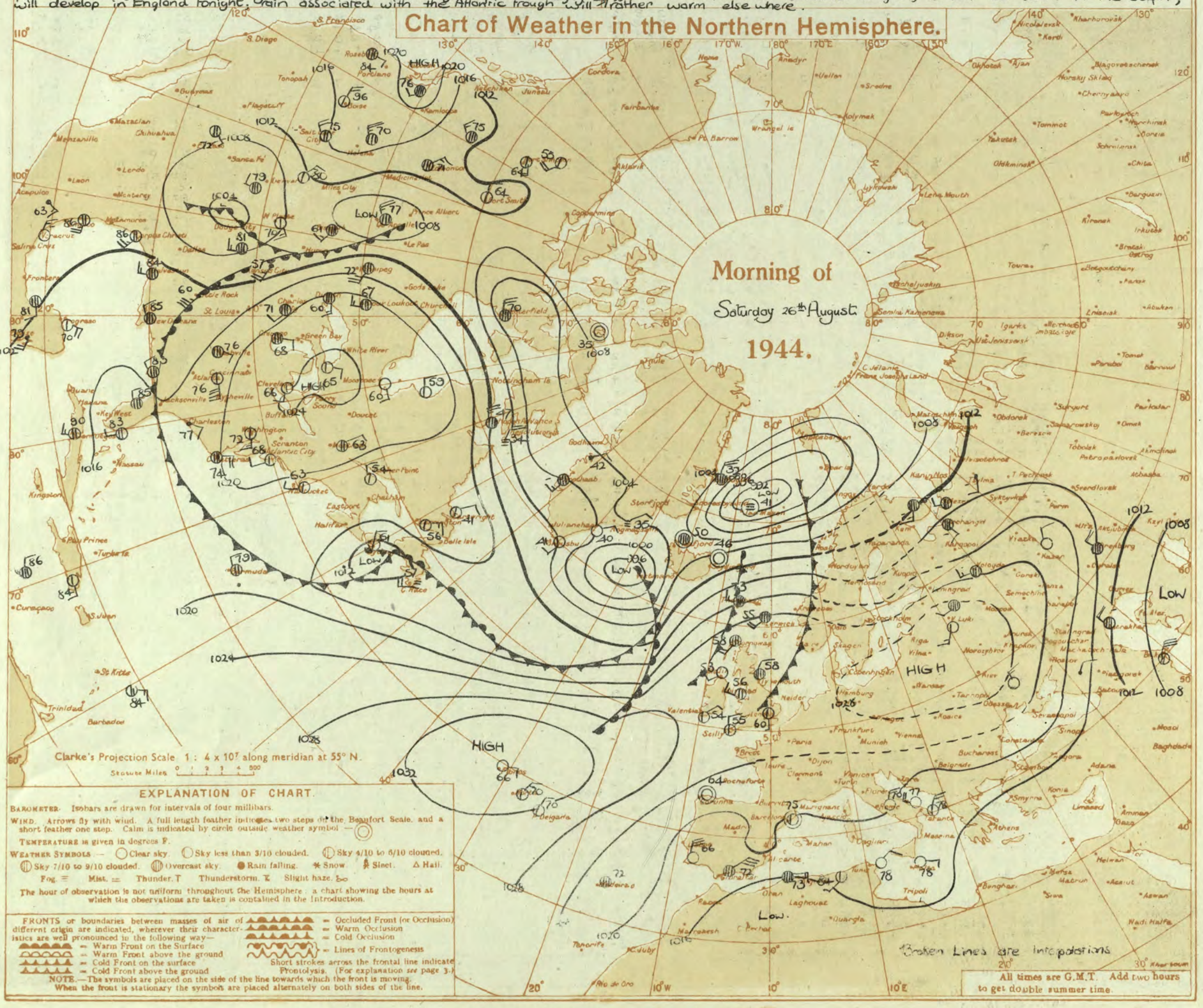
## GENERAL INFERENCE

A ridge of high pressure extends across the British Isles from an anticyclone centred near the Azores. A vigorous depression off southwest Iceland is moving northeast and an associated trough of low pressure is approaching our northwest seaboard; weather will be mainly fair in the British Isles at first though with much cloud and local fog and light rain in Northeast England. In most other districts there will be considerable bright periods, but some scattered thunderstorms are probable this afternoon and evening in East and Southeast England, some local fog will develop in England tonight; rain associated with the Atlantic trough will affect our Northwest Seaboard tonight; it will be warm in the South, rather warm elsewhere.

## FURTHER OUTLOOK

Occasional rain in North and Northwest; mainly fair elsewhere.

# Chart of Weather in the Northern Hemisphere.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps of the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol —

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS — Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere: a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Saturday August 26th 1944

No. 30228

## OBSERVATIONS at 00hr. G.M.T. August 26th

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. Direc. (3) | Wind. Force (4) | Weather. (5) | Temp. °F (6) | Dew Point °F (7) | Visibility. 0–9 (8) | Cloud. Form. Low. (9) | Cloud. Form. Med. (10) | Cloud. Form. High. (11) | Cloud. Amount. Total. 0–9 (12) | Cloud. Amount. Low. A. 0–9 (13) | Cloud. Amount. Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | | * | * | * | * | 63 | * | * | * | * | * | * | * | * | * | - |
| | Croydon ... | 217 | 26·1 | +4 | S | 1 | b.bc | 60 | 57 | 7 | 4 | - | - | 3 | 3 | - | 0 | - |
| | Boscombe Down | 417 | 25·9 | +4 | - | 0 | r | 56 | 55 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Thorney Island | 10 | 25·9 | +2 | N | 1 | b.bc | 60 | 60 | 7 | 5 | - | - | 3 | 3 | - | 32 | - |
| | Friston ... | — | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 26·5 | +2 | — | 0 | 2 | 59 | 59 | 5 | - | 3 | - | 5 | 5 | - | 60 | - |
| | Manston ... | 140 | 26·1 | +2 | — | 0 | 2 | 61 | 59 | 6 | 5 | | - | 4 | 4 | - | 30 | - |
| 2 | North Weald | 244 | 26·0 | +2 | S | 1 | 2 | 59 | 59 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| | Felixstowe ... | 10 | 25·9 | +2 | S'E | 1 | b.bc | 65 | 62 | 7 | 5 | - | - | 3 | 3 | - | 35 | - |
| | Gorleston ... | 5 | 26·0 | +4 | S'E | 1 | b | 64 | 61 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Mildenhall | 15 | 25·6 | +2 | SE'S | 3 | 2 | 61 | 59 | 6 | 5 | - | - | 2 | 2 | - | 30 | - |
| | Bircham Newton | 221 | 26·3 | +4 | ESE | 1 | 2 | 63 | 61 | 6 | 5 | - | - | 5 | 5 | - | 43 | - |
| | Cranwell ... | 203 | 25·5 | +6 | - | 0 | 2 | 62 | 61 | 6 | 5 | - | - | 4 | 4 | - | 35 | - |
| 3 | Cranfield ... | 340 | 25·4 | +6 | - | 0 | bc | 61 | 58 | 6 | 5 | - | - | 4 | 4 | - | 30 | - |
| | Honiley ... | 427 | 25·9 | +6 | NW | 3 | 2 | 60 | 57 | 5 | 5 | - | - | 3 | 3 | - | 30 | - |
| 4 | Little Rissington | 731 | 25·7 | +4 | NW'W | 2 | b.bc | 59 | 55 | 8 | 5 | - | - | 3 | 3 | - | 40 | - |
| | Shobden ... | 318 | 26·7 | +8 | SW | 1 | c.bc | 56 | 54 | 7 | 5 | - | - | 6 | 4 | 2 | 16 | 25 |
| 5 | Bristol ... | 209 | 26·3 | +6 | W | 1 | b | 55 | 54 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Chivenor ... | 20 | 26·7 | +6 | E | 1 | bc | 56 | 54 | 8 | 5 | - | - | 4 | 4 | - | 20 | - |
| | Yeovilton | 50 | 26·3 | +6 | - | 0 | b.bc | 53 | 53 | 8 | - | 7 | - | 3 | 3 | - | 120 | - |
| | Portland Bill | 32 | 25·9 | +10 | SW | 2 | bc | 62 | 59 | 8 | 5 | - | - | 4 | 4 | - | 50 | - |
| | Exeter ... | 100 | 26·7 | +8 | - | 0 | bc | 58 | 57 | 7 | 5 | - | - | 4 | 4 | 3 | 25 | - |
| | Plymouth ... | 86 | 26·6 | +2 | NNW | 2 | c.bc | 58 | 57 | 7 | 5 | - | - | 5 | 3 | 3 | 20 | - |
| | St. Eval ... | 345 | 27·2 | +4 | - | 0 | b.bc | 56 | 54 | 8 | 4 | 4 | - | 3 | 1 | 2 | 30 | - |
| | The Lizard | 240 | 26·8 | +12 | - | 0 | 2 | 55 | 53 | 6 | 4 | - | - | 4 | 4 | - | 25 | - |
| | Scilly, St. Marys | 163 | 27·6 | +6 | NNW | 2 | b | 55 | 51 | 8 | 1 | - | - | 2 | 2 | - | 25 | - |
| 6 | Fairwood ... | 268 | 26·8 | +6 | NW | 2 | bc | 52 | 52 | 7 | - | 3 | 2 | 4 | 2 | 4 | - | - |
| | Pembroke ... | 142 | 27·4 | +6 | NNW | 1 | bc | 55 | 54 | 8 | 1 | - | - | 4 | 4 | - | 25 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 26·4 | +4 | W'N | 3 | bc | 56 | 52 | 7 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Holyhead, Valley | 32 | 27·5 | +6 | NW | 1 | b | 51 | 50 | 6 | - | 4 | - | 2 | 2 | 2 | - | - |
| | Hawarden | 15 | 26·6 | +6 | W | 2 | c | 58 | 56 | 7 | 5 | - | - | 6 | 3 | 6 | 15 | 25 |
| 8 | Manchester | 230 | 26·4 | +10 | - | 0 | c | 60 | 58 | 5 | 5 | - | - | 8 | 8 | - | 40 | - |
| | Squires Gate | 30 | 26·1 | -6 | WNW | 3 | 2 | 61 | 57 | 6 | - | 7 | - | 8 | 8 | - | 100 | - |
| | Silloth ... | 25 | 27·4 | +6 | NNW | 3 | c | 55 | 54 | 8 | 5 | - | - | 6 | 6 | - | 53 | - |
| 9 | Ashbourne ... | 590 | 26·0 | +4 | WNW | 2 | 2 | 58 | 58 | 6 | 5 | - | - | 5 | 4 | 5 | 7 | 57 |
| | Snaith ... | 30 | 26·1 | +4 | - | 0 | 2 | 62 | 60 | 5 | 5 | 7 | - | 6 | 3 | 6 | 40 | - |
| 10 | Spurn Head | 29 | 25·8 | +4 | SE | 2 | c | 63 | 61 | 7 | 5 | 7 | - | 7 | 4 | 4 | 25 | 72 |
| | Catterick (Sc.) | 195 | 26·2 | +12 | NNW | 2 | 2 | 60 | 60 | 5 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Tynemouth | 108 | 27·0 | +4 | NNE | 3 | c | 60 | 58 | 7 | 8 | - | - | 7 | 7 | - | 25 | - |
| | Acklington | 138 | 27·3 | +6 | NE | 2 | m | 58 | 58 | 4 | 5 | - | - | 8 | 8 | - | 6 | - |
| 11 | St. Abb's Head | 280 | 27·5 | +10 | S | 2 | c.p | 57 | 55 | 6 | 5 | - | - | 8 | 5 | 3 | 20 | 25 |
| | Leuchars ... | 31 | 27·8 | +8 | - | 0 | 2 | 57 | 55 | 6 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Montrose ... | 22 | * | * | NNW | 1 | c | 56 | 53 | 7 | 5 | 7 | - | 8 | 6 | 8 | 28 | - |
| 12 | Abbotsinch | 19 | 27·0 | +8 | — | 0 | c.bc | 52 | 51 | 8 | - | 7 | 2 | 6 | 4 | 4 | - | - |
| | Prestwick ... | 30 | 27·4 | +6 | E | 1 | b | 52 | 50 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | West Freugh | 53 | 26·6 | +6 | NW | 1 | b | 49 | 49 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 27·1 | +6 | - | 0 | b | 51 | 50 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 13A | Machrihanish | 35 | 27·4 | +6 | - | 0 | b | 51 | 47 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Tiree ... | 44 | 27·4 | +6 | - | 0 | b | 55 | 54 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Oban ... | 74 | 28·0 | +8 | - | 0 | b | 52 | 50 | 9 | - | - | - | 0 | 0 | 0 | - | - |
| 13B | Stornoway ... | 12 | 25·4 | +8 | SSW | 4 | c | 58 | 55 | 8 | 5 | 7 | - | 6 | 4 | 4 | 25 | - |
| | Cape Wrath | 367 | 25·8 | +12 | SE | 4 | bc | 56 | 50 | 9 | 8 | 6 | - | 4 | 4 | - | 0 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† ... | 79 | 27·9 | +8 | S | 3 | b.bc | 54 | 51 | 8 | 5 | - | - | 3 | 3 | - | 30 | - |
| | Fraserburgh | 76 | 27·8 | +10 | S'E | 3 | b.bc | 55 | 51 | 8 | 5 | 3 | - | 3 | 3 | 3 | 40 | - |
| | Alness ... | 63 | 27·2 | +10 | - | 0 | b | 48 | 46 | 9 | 5 | - | - | 1 | 1 | - | 40 | - |
| | Wick ... | 114 | 26·9 | +4 | SSE | 1 | b | 54 | 52 | 9 | - | - | - | 0 | 0 | 0 | - | - |
| 16 | Hatston ... | 45 | 26·4 | +6 | S | 4 | 2 | 54 | 51 | 6 | 5 | 4 | - | 3 | 3 | 1 | 50 | - |
| | Sumburgh ... | 15 | 26·0 | +10 | SW | 4 | b. | 54 | 53 | 8 | 5 | - | - | 1 | 1 | - | 7 | - |
| | Sullom Voe | 12 | 25·6 | +10 | SW | 4 | c | 55 | 55 | 8 | 5 | - | - | 8 | 8 | - | 14 | - |
| 17 | Blacksod Point | 18 | 27·0 | +6 | WSW | 2 | c.bc | 58 | 55 | 8 | 8 | - | - | 5 | 5 | - | 15 | - |
| 18 | Malin Head | 84 | 26·9 | +2 | W'S | 1 | b | 53 | 51 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Aldergrove | 294 | 27·9 | +10 | - | 0 | b | 47 | 45 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Cas. Archdale | 240 | 27·8 | +8 | NE | 1 | b | 53 | 52 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 27·6 | +6 | NE | 1 | fs | 52 | 51 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| 20 | Foynes ... | 3 | 27·8 | +8 | - | 0 | bc | 53 | 52 | 8 | 5 | - | - | 4 | 4 | - | 36 | - |
| | Valentia ... | 30 | 27·8 | +4 | NE | 1 | b | 54 | 52 | 9 | 5 | - | - | 1 | 1 | - | 45 | - |
| | Roches Point | 22 | 27·6 | +6 | N | 2 | b | 57 | 56 | 8 | 5 | - | - | 2 | 2 | - | 25 | - |

minimum temperatures and rainfall read at 0700 G.M.T.

## OBSERVATIONS at 06hr. G.M.T. August 26th

| District | Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind. Direc. (19) | Wind. Force (20) | Weather. (21) | Temp. °F (22) | Dew Point °F (23) | Visibility. 0–9 (24) | Cloud. Form. Low. (25) | Cloud. Form. Med. (26) | Cloud. Form. High. (27) | Cloud. Amount. Total. 0–9 (28) | Cloud. Amount. Low. A. 0–9 (29) | Cloud. Amount. Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 25·9 | -2 | - | 0 | 2 | 58 | 57 | 5 | 5 | 3 | 1 | 9 | 2 | 9 | 10 | - | 1 | * |
| | Croydon ... | 25·9 | +2 | - | 0 | m | 52 | 55 | 4 | - | - | 9 | 4 | 4 | - | 5 | - | 1 | * |
| | Boscombe Down | 25·9 | -2 | - | 0 | bc/F | 52 | 52 | 4 | 5 | 5 | 1 | 9 | 2 | 3 | 25 | - | 1 | * |
| | Thorney Island | 25·9 | -2 | - | 0 | bf- | 57 | 56 | 2 | - | - | 9 | 1 | 1 | - | 0 | - | 0 | * |
| | Friston ... | | | | | | | | | | | | | | | | | | * |
| | Lympne ... | 25·8 | +2 | E'S | 1 | 2 | 62 | 55 | 6 | 5 | 4 | - | 7 | 4 | 7 | 30 | - | 0 | § - |
| | Manston ... | 25·0 | -6 | SSE | 1 | 2 | 61 | 61 | 5 | - | 7 | 6 | 7 | 4 | - | 0 | - | 1 | * |
| 2 | North Weald | 26·2 | 0 | - | 0 | F | 57 | 57 | 0 | 5 | - | 9 | 6 | 5 | 2 | - | - | 1 | * |
| | Felixstowe ... | 25·5 | -2 | E | 2 | 0 | 65 | 63 | 8 | 5 | 7 | - | 7 | 5 | 7 | 50 | - | 0 | 0 |
| | Gorleston ... | 26·0 | +2 | SE | 2 | obc | 63 | 60 | 7 | 5 | 4 | - | 5 | 4 | 1 | 30 | 72 | 0 | 2 |
| | Mildenhall | 25·5 | +2 | SE | 2 | m | 58 | 57 | 4 | - | - | 9 | 5 | 5 | - | 0 | - | 0 | * |
| | Bircham Newton | 26·0 | 0 | E'S | 2 | 20 | 59 | 58 | 6 | 1 | 9 | 6 | 5 | 1 | 4 | 30 | - | 0 | * |
| | Cranwell ... | 25·0 | -8 | SE | 1 | f | 60 | 60 | 2 | - | - | 9 | 9 | - | - | 0 | - | 1 | * |
| 3 | Cranfield ... | 25·3 | 0 | - | 0 | fs | 55 | 54 | 6 | - | 4 | 1 | 2 | 2 | 2 | 80 | - | 0 | * |
| | Honiley ... | 25·9 | +4 | NW | 2 | F | 58 | 58 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| 4 | Little Rissington | 25·9 | +4 | WNW | 1 | F | 56 | 56 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| | Shobden ... | 26·6 | +2 | SSW | 1 | 2 | 57 | 57 | 6 | 5 | - | - | 6 | 1 | 6 | 10 | 15 | 0 | * |
| 5 | Bristol ... | 26·7 | +6 | - | 0 | F+ | 57 | 57 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| | Chivenor ... | 26·4 | +2 | E | 1 | c.bgf | 51 | 51 | 5 | 5 | - | 2 | 5 | 1 | 4 | 2 | 8 | 0 | * |
| | Yeovilton | 26·3 | +2 | - | 0 | bcF+ | 50 | 50 | 1 | - | - | - | 3 | 3 | - | 20 | - | 0 | * |
| | Portland Bill | 25·5 | +2 | N | 2 | c.bc | 60 | 56 | 8 | 2 | - | - | 5 | 5 | - | 50 | - | 1 | 3 |
| | Exeter ... | 26·5 | +4 | NW | 2 | 2 | 55 | 55 | 6 | 5 | - | - | 7 | 7 | - | 15 | - | 0 | * |
| | Plymouth ... | 26·7 | +6 | - | 0 | bc | 55 | 54 | 8 | 5 | 4 | 2 | 4 | 2 | 3 | 3 | 25 | 1 | * |
| | St. Eval ... | 26·9 | -4 | NNE | 1 | if | 53 | 52 | 3 | 4 | 4 | 1 | 4 | 4 | 1 | 20 | - | 0 | * |
| | The Lizard | 25·7 | -8 | N | 2 | bc | 55 | 55 | 8 | 1 | 4 | - | 4 | 4 | 2 | 25 | 57 | 1 | 3 |
| | Scilly, St. Marys | 27·0 | -4 | NNE | 2 | b.bc | 55 | 53 | 8 | 1 | 4 | 4 | 3 | 2 | 2 | 25 | - | 0 | 2 |
| 6 | Fairwood ... | 26·6 | +2 | N | 2 | b.bc | 51 | 51 | 7 | 5 | 3 | 1 | 3 | 1 | 3 | 30 | - | 1 | * |
| | Pembroke ... | 26·8 | -2 | N'W | 1 | 0 | 57 | 54 | 8 | 2 | - | - | 7 | 7 | - | 25 | - | 0 | 2 |
| | Aberporth ... | 26·5 | -4 | NW'N | 2 | c | 57 | 54 | 8 | 5 | - | - | 7 | 3 | 7 | 25 | 40 | 1 | 2 |
| 7 | Penrhos ... | 26·0 | 0 | W | 3 | b.bc | 55 | 53 | 8 | 5 | 7 | - | 3 | 3 | 3 | 40 | - | 0 | 2 |
| | Holyhead, Valley | 27·0 | -2 | - | 0 | fs | 47 | 47 | 7 | - | 4 | - | 2 | 2 | - | 0 | - | 0 | 1 |
| | Hawarden | 26·5 | 0 | - | 0 | bcF+ | 51 | 51 | 2 | 5 | - | 4 | 4 | 4 | 3 | 20 | - | 0 | * |
| 8 | Manchester | 25·9 | 0 | WNW | 1 | c | 55 | 56 | 8 | 5 | - | - | 8 | 8 | - | 10 | - | 0 | * |
| | Squires Gate | 25·9 | +2 | ESE | 2 | 2 | 55 | 47 | 6 | 5 | 2 | - | 8 | 6 | 8 | 25 | - | 0 | - |
| | Silloth ... | 26·1 | -2 | NE | 3 | 2 | 60 | 58 | 6 | 3 | - | - | 8 | 8 | - | 25 | - | 8 | * |
| 9 | Ashbourne ... | 26·0 | +4 | WNW | 1 | c.bcF+ | 55 | 55 | 3 | 5 | 3 | 2 | 5 | 3 | 2 | 5 | - | 0 | * |
| | Snaith ... | 26·0 | +2 | N | 2 | f- | 59 | 59 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | * |
| 10 | Spurn Head | 25·4 | -2 | SE'S | 1 | 2 | 62 | 60 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | 1 |
| | Catterick (Sc.) | 26·4 | +2 | - | 0 | F+ | 60 | 60 | 1 | 5 | - | - | 9 | 9 | - | 0 | - | 0 | * |
| | Tynemouth | 26·7 | -4 | - | 0 | F | 58 | 57 | 3 | 5 | - | - | 8 | 8 | - | 10 | - | 1 | 2 |
| | Acklington | 26·5 | -2 | SSE | 2 | F+ | 58 | 58 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 | * |
| 11 | St. Abb's Head | 26·9 | -4 | - | 0 | rf | 56 | 56 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | 2 |
| | Leuchars ... | 27·2 | -2 | - | 0 | 2 | 57 | 54 | 7 | 5 | - | - | 8 | 8 | - | 5 | - | 1 | * |
| | Montrose ... | * | * | NW | 1 | fs | 54 | 53 | 7 | 5 | 3 | - | 5 | 4 | 3 | 20 | - | 0 | * |
| 12 | Abbotsinch | 26·3 | -8 | - | 0 | ldo | 55 | 55 | 5 | 5 | - | - | 8 | 8 | - | 0 | - | 1 | * |
| | Prestwick ... | 27·1 | -2 | Calm | 0 | b/F | 49 | 48 | 6 | 5 | - | - | 2 | 2 | - | 8 | 30 | 0 | * |
| | West Freugh | 26·4 | 0 | NE | 1 | fs | 48 | 46 | 8 | 5 | - | - | 1 | 1 | - | 30 | - | 0 | * |
| | Eskdalemuir | 25·8 | 0 | - | 0 | c | 57 | 57 | 6 | 5 | - | - | 8 | 8 | - | 9 | - | 0 | * |
| | Jurby, I. of Man | 26·6 | -6 | SW | 2 | fs | 50 | 50 | 2 | - | 7 | 1 | 3 | 3 | 2 | 60 | - | 0 | * |
| 13A | Machrihanish | 26·9 | -4 | - | 0 | b | 47 | 43 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | 1 |
| | Tiree ... | 26·5 | -6 | S | 1 | fs | 54 | 53 | 8 | 5 | - | - | 2 | 2 | - | 50 | - | 1 | 1 |
| | Oban ... | 27·4 | -4 | - | 0 | b | 49 | 48 | 9 | 5 | - | - | 1 | 1 | - | 40 | - | 0 | 1 |
| 13B | Stornoway ... | 25·2 | -6 | S | 1 | c | 54 | 54 | 8 | 8 | 4 | - | 6 | 2 | 4 | 8 | 25 | 0 | 2 |
| | Cape Wrath | 26·1 | +2 | SW | 3 | c | 54 | 54 | 9 | 8 | 7 | - | 7 | 4 | - | 15 | - | 0 | 3 |
| 15 | Dalwhinnie | 27·5 | -2 | SSE | 1 | b.bc | 40 | 40 | 7 | 8 | - | - | 3 | 3 | - | 25 | - | 1 | * |
| | Aberdeen† ... | 27·2 | -4 | SE | 1 | 2 | 55 | 54 | 6 | 5 | 4 | 1 | 3 | 1 | 3 | 8 | - | 0 | 2 |
| | Fraserburgh | 27·7 | 0 | - | 0 | b.bc | 50 | 50 | 8 | 5 | 3 | 1 | 3 | 1 | 2 | 6 | 57 | 0 | - |
| | Alness ... | 26·9 | -2 | W | 1 | b | 44 | 42 | 9 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| | Wick ... | 26·6 | 0 | - | 0 | b | 49 | 47 | 9 | 5 | - | - | 1 | 1 | - | 20 | - | 0 | * |
| 16 | Hatston ... | 26·4 | 0 | SSW | 3 | b.bc | 54 | 52 | 7 | 5 | 3 | 3 | 3 | 1 | 3 | 8 | 40 | * | * |
| | Sumburgh ... | 25·9 | -2 | SSW | 4 | c | 55 | 50 | 9 | 5 | - | - | 7 | 7 | - | 40 | - | 0 | 3 |
| | Sullom Voe | 25·2 | -2 | S | 4 | bc | 54 | 50 | 8 | 5 | 4 | - | 4 | 4 | 1 | 25 | - | 0 | * |
| 17 | Blacksod Point | 26·5 | -2 | NE | 1 | id | 57 | 56 | 7 | - | 2 | - | 8 | 8 | - | 15 | - | 1 | 2 |
| 18 | Malin Head | 26·2 | -2 | S'W | 1 | b | 51 | 47 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | 1 |
| | Aldergrove | 27·6 | -2 | - | 0 | b | 45 | 43 | 8 | 5 | - | - | 1 | 1 | - | 40 | - | 1 | * |
| | Cas. Archdale | 27·8 | -2 | - | 0 | b | 47 | 57 | 7 | - | - | - | 1 | 1 | - | 30 | - | 1 | * |
| 19 | Birr Castle ... | 27·4 | +2 | SSW | 1 | b | 46 | 44 | 8 | - | - | - | 0 | 0 | 0 | - | - | 0 | * |
| | Collinstown | 27·3 | -2 | W | 2 | b | 49 | 48 | 9 | - | - | - | 0 | 0 | 0 | - | - | 1 | * |
| 20 | Foynes ... | 26·8 | -4 | ENE | 1 | b | 47 | 46 | 9 | 5 | 3 | - | 2 | 1 | - | 45 | - | 0 | * |
| | Valentia ... | 27·2 | +2 | - | 0 | pr | 50 | 50 | 8 | - | - | - | 6 | 6 | - | 22 | - | 1 | 1 |
| | Roches Point | 26·9 | -8 | N | 2 | b | 53 | 52 | 8 | 5 | - | - | 1 | 1 | - | 25 | - | 1 | 3 |

Station 100 read at 0700 G.M.T.

## PAST 24 HOURS.

| District | Stations | Temperature. Max. Day 6h–18h °F (35) | Temperature. Min. Night 18h–6h °F (36) | Temperature. Min. on Grass °F (37) | Rainfall. Day 6h–18h mm. (38) | Rainfall. Night 18h–6h mm. (39) | Sunshine 25.5 Hrs. (40) |
|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 75 | 57 | 47 | 0·1 | Tr | 6·9 |
| | Croydon ... | 77 | 55 | 49 | Tr | Tr | 10·2 |
| | Boscombe Down | 72 | 51 | 49 | Tr | - | 4·6 |
| | Thorney Island | 72 | 55 | 50 | - | Tr | * |
| | Friston ... | | | | | | |
| | Lympne ... | 72 | 57 | 31 | - | - | 6·6 |
| | Manston ... | 73 | 58 | " | - | Tr | 12·1 |
| 2 | North Weald | 75 | 57 | * | * | * | * |
| | Felixstowe ... | 75 | 57 | 56 | - | Tr | 11·8 |
| | Gorleston ... | 73 | 63 | 57 | - | - | 8·6 |
| | Mildenhall | 75 | 57 | 54 | - | - | 8·2 |
| | Bircham Newton | 75 | 58 | 54 | Tr | - | * |
| | Cranwell ... | 73 | 59 | 57 | - | Tr | 7·0 |
| 3 | Cranfield ... | 72 | 55 | 50 | - | - | * |
| | Honiley ... | 74 | 55 | " | - | - | * |
| 4 | Little Rissington | * | 56 | 53 | - | - | * |
| | Shobden ... | 72 | 54 | * | Tr | - | * |
| 5 | Bristol ... | 71 | 56 | 50 | 0·2 | - | 7·0 |
| | Chivenor ... | 67 | 50 | 44 | - | - | * |
| | Yeovilton | 71 | 49 | 46 | - | - | * |
| | Portland Bill | 65 | 59 | * | - | - | * |
| | Exeter ... | 71 | 54 | 45 | - | - | * |
| | Plymouth ... | 70 | 54 | 46 | - | - | 10·1 |
| | St. Eval ... | 65 | 52 | 42 | - | 0·1 | 0·0 |
| | The Lizard | 69 | 53 | * | 1 | - | 5·9 |
| | Scilly, St. Marys | 60 | 54 | * | - | - | 5·6 |
| 6 | Fairwood ... | * | 49 | 45 | - | - | * |
| | Pembroke ... | 64 | 53 | * | Tr | - | 4·1 |
| | Aberporth ... | 61 | 54 | 47 | 7 | Tr | 0·3 |
| 7 | Penrhos ... | 64 | 54 | 45 | 3 | - | * |
| | Holyhead, Valley | 63 | 46 | 40 | - | - | * |
| | Hawarden | 68 | 50 | 45 | 0·5 | - | 0·0 |
| 8 | Manchester | 71 | 58 | 58 | 0·1 | - | * |
| | Squires Gate | 62 | 57 | * | - | - | * |
| | Silloth ... | 69 | 57 | 53 | - | Tr | * |
| 9 | Ashbourne ... | 71 | 55 | 48 | - | - | * |
| | Snaith ... | 75 | 58 | 54 | 0·1 | Tr | * |
| 10 | Spurn Head | 75 | 61 | * | - | 1 | - |
| | Catterick (Sc.) | 72 | 59 | 56 | Tr | - | 4·9 |
| | Tynemouth | 67 | 58 | 57 | - | Tr | |
| | Acklington | 69 | 57 | 54 | 2 | - | * |
| 11 | St. Abb's Head | 65 | 55 | * | Tr | 7 | * |
| | Leuchars ... | 69 | 56 | 55 | - | - | 2·4 |
| | Montrose ... | 61 | 53 | 46 | Tr | - | * |
| 12 | Abbotsinch | 72 | 51 | 45 | - | Tr | 12·0 |
| | Prestwick ... | 68 | 49 | 44 | - | - | * |
| | West Freugh | 64 | 44 | 40 | Tr | - | * |
| | Eskdalemuir | 66 | 57 | 56 | - | - | 0·7 |
| | Jurby, I. of Man | 62 | 49 | 44 | - | Tr | * |
| 13A | Machrihanish | 61 | 47 | 45 | - | - | * |
| | Tiree ... | 65 | 49 | 38 | - | Tr | 13·2 |
| | Oban ... | 66 | 49 | * | | - | * |
| 13B | Stornoway ... | 67 | 52 | 47 | - | Tr | 10·0 |
| | Cape Wrath | 66 | 54 | * | - | - | * |
| 15 | Dalwhinnie | 68 | 40 | 32 | - | - | 7·5 |
| | Aberdeen† ... | 66 | 53 | 44 | - | - | 2·2 |
| | Fraserburgh | 62 | 48 | 44 | Tr | - | * |
| | Alness ... | 71 | 42 | * | - | - | * |
| | Wick ... | 65 | 48 | 41 | - | - | * |
| 16 | Hatston ... | * | * | * | * | * | * |
| | Sumburgh ... | 59 | 53 | 48 | 1 | Tr | 7·1 |
| | Sullom Voe | 59 | 53 | 50 | 2 | Tr | * |
| 17 | Blacksod Point | 65 | 56 | * | - | - | * |
| 18 | Malin Head | 63 | 49 | * | - | - | 12·9 |
| | Aldergrove | 67 | 43 | 41 | - | Tr | 11·4 |
| | Cas. Archdale | 68 | 47 | 42 | - | - | * |
| 19 | Birr Castle ... | 70 | 43 | 38 | - | - | 12·1 |
| | Collinstown | 66 | 48 | 40 | - | Tr | 6·3 |
| 20 | Foynes ... | 69 | 46 | 42 | - | Tr | 11·1 |
| | Valentia ... | 69 | 54 | 50 | - | 0·2 | 12·4 |
| | Roches Point | 66 | 52 | * | - | Tr | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 5 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Sunday 27th August, 1944

No. 30229.

## OBSERVATIONS at 12h. G.M.T. 26th August,

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F (6) | Dew Point °F (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Med. (10) | High (11) | Amount Total 0-9 (12) | Low A 0-9 (13) | Low B 0-9 (14) | Height of Base Hundreds of feet A (15) | B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 24·9 | -10 | S'W | 1 | bc | 71 | 57 | 8 | 2 | - | 4 | 4 | 3 | 4 | 21 | - |
| | Croydon | 24·8 | -10 | S | 1 | bc | 76 | 58 | 7 | 2 | - | 1 | 4 | 4 | - | 30 | - |
| | Boscombe Down | 25·1 | -10 | NNW | 2 | bc | 69 | 58 | 6 | 1 | - | 1 | 4 | 2 | 3 | 8 | - |
| | Thorney Island | 25·1 | -4 | S | 2 | bc | 73 | 59 | 7 | 1 | - | 6 | 4 | 2 | - | 25 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 25·1 | -6 | SE | 2 | b-bc | 74 | 59 | 8 | 5 | - | 9 | 3 | 3 | 2 | 30 | - |
| | Manston | 25·0 | -6 | ENE | 2 | b-bc | 72 | 59 | 8 | 1 | 4 | 1 | 3 | 2 | 1 | 40 | - |
| 2 | North Weald | 25·5 | -8 | NE | 1 | zo | 74 | 59 | 6 | 1 | - | - | 5 | 5 | - | 25 | - |
| | Felixstowe | 25·3 | -6 | E | 3 | b-bc | 71 | 63 | 8 | 2 | - | 1 | 3 | 3 | 2 | 30 | - |
| | Gorleston | 25·7 | -2 | SSE | 1 | zo | 64 | 61 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| | Mildenhall | 24·8 | -10 | S'W | 2 | c-bc | 76 | 65 | 7 | 1 | - | - | 5 | 5 | - | 30 | - |
| | Bircham Newton | 25·0 | -10 | SSW | 2 | c-bc | 74 | 61 | 8 | 1 | - | 2 | 5 | 4 | 2 | 25 | - |
| | Cranwell | 24·9 | -8 | SE | 1 | zo | 68 | 66 | 5 | 5 | - | - | 8 | 4 | - | 15 | - |
| 3 | Cranfield | 25·0 | -10 | — | 0 | zo | 70 | 59 | 5 | 1 | - | - | 3 | 2 | 1 | 20 | - |
| | Honiley | 24·8 | -8 | SW | 1 | zo | 73 | 56 | 5 | 2 | - | - | 5 | 5 | - | 20 | - |
| 4 | Little Rissington | 24·9 | -12 | WNW | 1 | c | 67 | 57 | 7 | 8 | - | - | 6 | 5 | 2 | 20 | - |
| | Shobden | 25·8 | -10 | NNW | 1 | bc | 66 | 53 | 7 | 1 | - | - | 4 | 4 | - | 30 | - |
| 5 | Bristol | 25·7 | -10 | W | 2 | zo | 69 | 57 | 6 | 1 | - | 6 | 4 | 4 | 1 | 45 | 57 |
| | Chivenor | 26·1 | -6 | WNW | 3 | c-bc | 64 | 57 | 8 | 1 | - | - | 5 | 5 | - | 20 | - |
| | Yeovilton | 25·7 | -8 | NW | 1 | c-bc | 69 | 57 | 7 | 1 | - | 1 | 5 | 5 | 3 | 18 | - |
| | Portland Bill | 25·3 | -4 | W | 2 | bc | 68 | 63 | 8 | 2 | - | - | 4 | 4 | - | 50 | - |
| | Exeter | 26·0 | -6 | NW | 3 | bc | 69 | 57 | 8 | 1 | - | - | 4 | 4 | - | 30 | - |
| | Plymouth | 25·7 | -10 | SW | 2 | bc | 68 | 56 | 9 | 1 | 3 | - | 4 | 3 | 1 | 20 | - |
| | St. Eval | 26·3 | -10 | N'E | 3 | bc | 64 | 55 | 9 | 1 | 6 | - | 4 | 3 | 3 | 25 | - |
| | The Lizard | 26·2 | +6 | SE | 2 | c-bc | 66 | 57 | 8 | 2 | 6 | - | 5 | 4 | 3 | 30 | 57 |
| | Scilly, St. Marys | 21·2 | 0 | N | 2 | bc | 65 | 56 | 8 | 8 | 3 | 3 | 4 | 4 | 2 | 22 | - |
| 6 | Fairwood | 26·1 | -6 | SW | 1 | c | 65 | 56 | 7 | 8 | - | - | 7 | 4 | 5 | 20 | 57 |
| | Pembroke | 26·1 | 0 | WNW | 3 | b-bc | 66 | 51 | 8 | 1 | - | - | 3 | 3 | - | 25 | - |
| | Aberporth | 26·5 | -6 | NNW | 2 | b | 60 | 56 | 8 | 1 | - | - | 2 | 2 | - | 24 | - |
| 7 | Penrhos | 25·5 | -10 | NW | 3 | b | 65 | 56 | 8 | 5 | 4 | - | 2 | 1 | 1 | 30 | - |
| | Holyhead, Valley | 26·2 | -8 | NW | 1 | b | 65 | 54 | 8 | 2 | - | - | 2 | 2 | - | 25 | - |
| | Hawarden | 25·5 | -14 | WNW | 3 | c | 66 | 57 | 8 | 5 | - | - | 6 | 6 | - | 25 | - |
| 8 | Manchester | 25·6 | -4 | W'S | 1 | c | 64 | 59 | 5 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Squires Gate | 25·4 | -8 | WNW | 3 | zo | 65 | 60 | 6 | 5 | - | - | 7 | 4 | 7 | 10 | 15 |
| | Silloth | 25·2 | -8 | NW | 2 | zo | 64 | 60 | 6 | 5 | - | - | 8 | 5 | 8 | 20 | 40 |
| 9 | Ashbourne | 25·1 | +12 | WSW | 1 | c-bc | 69 | 62 | 5 | 8 | - | - | 5 | 4 | 4 | 8 | 15 |
| | Snaith | 25·2 | -14 | — | 0 | zo | 70 | 64 | 6 | 5 | - | - | 5 | 5 | - | 25 | - |
| 10 | Spurn Head | 25·6 | -2 | S'E | 2 | zo | 69 | 62 | 6 | 2 | 3 | - | 4 | 3 | 2 | 25 | 72 |
| | Catterick (Sc.) | 25·6 | -10 | — | 0 | zo | 65 | 61 | 5 | 5 | - | - | 8 | 6 | 8 | 10 | 40 |
| | Tynemouth | 26·3 | -4 | NE | 1 | c-bcf | 62 | 61 | 3 | 5 | - | - | 5 | 5 | - | 16 | - |
| | Acklington | 25·5 | -14 | — | 0 | zo | 62 | 61 | 6 | 5 | 3 | - | 7 | 6 | 2 | 6 | - |
| 11 | St. Abb's Head | 25·8 | -2 | — | 0 | F | 57 | 57 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Leuchars | 26·0 | -14 | E | 1 | ido | 59 | 57 | 6 | 5 | - | - | 8 | 5 | 8 | 4 | 8 |
| | Montrose | * | * | E | 1 | cjf | 58 | 56 | 6 | 5 | - | - | 8 | 4 | 8 | 2 | 8 |
| 12 | Abbotsinch | 24·9 | -22 | — | 0 | zo | 63 | 58 | 5 | 5 | - | - | 8 | 5 | 8 | 15 | 15 |
| | Prestwick | 25·3 | -18 | W | 2 | b-bc | 67 | 58 | 6 | 2 | - | - | 3 | 3 | - | 25 | - |
| | West Freugh | 25·3 | -12 | SE'S | 1 | b-bc | 68 | 55 | 8 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Eskdalemuir | 25·4 | -10 | — | 0 | c | 61 | 58 | 7 | 5 | - | - | 8 | 8 | - | 9 | - |
| | *Jurby, I. of Man | 26·1 | -10 | W | 2 | b-bc | 63 | 55 | 9 | 7 | 7 | - | 3 | 2 | 1 | 16 | 40 |
| 13A | Machrihanish | 25·4 | -16 | SW | 2 | b | 63 | 53 | 7 | 1 | 4 | - | 1 | 2 | 1 | 25 | - |
| | Tiree | 24·9 | -16 | S'E | 3 | b-bc | 61 | 55 | 9 | 5 | 7 | 2 | 3 | 1 | 2 | 20 | - |
| | Oban | 25·4 | -18 | W | 1 | b | 64 | 57 | 9 | 1 | - | 5 | 2 | 1 | 2 | 35 | - |
| 13B | Stornoway | 22·5 | -18 | SSW | 5 | c | 61 | 52 | 8 | 5 | - | - | 7 | 5 | 4 | 24 | 40 |
| | Cape Wrath | 23·3 | -24 | SW | 3 | bc | 61 | 52 | 9 | 2 | 4 | - | 4 | 1 | - | 40 | - |
| 15 | Dalwhinnie | 25·0 | -8 | SSW | 3 | bc | 65 | 52 | 7 | 2 | - | - | 4 | 4 | - | 28 | - |
| | Aberdeen | 26·4 | -12 | SSE | 2 | c | 58 | 56 | 8 | 5 | - | - | 7 | 6 | 7 | 15 | 25 |
| | Fraserburgh | 26·1 | -14 | S'E | 4 | b-bc | 63 | 55 | 9 | 1 | 3 | - | 3 | 2 | 3 | 25 | - |
| | Alness | 24·0 | -28 | N | 2 | b | 71 | 53 | 9 | 1 | - | - | 2 | 2 | - | 35 | - |
| | Wick | 24·6 | -16 | SSE | 4 | b | 62 | 55 | 9 | 1 | - | 5 | 1 | 1 | - | 20 | - |
| 16 | Hatston | 24·5 | -18 | S'E | 4 | b | 64 | 53 | 8 | 5 | - | - | 2 | 2 | - | 30 | - |
| | Sumburgh | 25·1 | -10 | S | 4 | b | 58 | 55 | 8 | 5 | - | - | 1 | 1 | - | 8 | - |
| | Sullom Voe | 23·9 | -14 | SW | 4 | pr | 63 | 52 | 8 | 1 | - | - | 3 | 3 | - | 20 | - |
| 17 | Blacksod Point | 25·2 | -14 | SW | 1 | bc | 63 | 58 | 8 | 8 | - | - | 4 | 4 | - | 15 | - |
| 18 | Malin Head | 24·5 | -14 | NNW | 1 | b | 62 | 54 | 9 | - | 3 | 1 | 2 | 1 | - | - | - |
| | Aldergrove | 25·6 | -20 | SSW | 1 | b.bc | 70 | 55 | 8 | 1 | - | - | 3 | 3 | - | 40 | - |
| | Cas. Archdale | 25·7 | -20 | SE | 1 | b-bc | 67 | 58 | 9 | 2 | - | 2 | 3 | 3 | 1 | 20 | - |
| 19 | Birr Castle | 25·3 | -18 | ESE | 1 | bc | 71 | 54 | 8 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Collinstown | 26·1 | -14 | — | 0 | bc | 67 | 55 | 8 | 1 | - | - | 4 | 4 | - | 28 | - |
| 20 | Foynes | 25·3 | -19 | NW | 3 | bc | 66 | 54 | 9 | 2 | - | - | 4 | 4 | - | 28 | - |
| | Valentia | 26·7 | -8 | W'N | 2 | b.bc | 63 | 58 | 9 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Roches Point | 26·6 | -10 | SSW | 2 | bc | 64 | 59 | 8 | 2 | - | - | 4 | 4 | - | 25 | - |

## OBSERVATIONS at 18h. G.M.T. 26th August — PAST 24 HOURS

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp °F (22) | Dew Point °F (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A 0-9 (29) | Low B 0-9 (30) | Height of Base Hundreds of feet A (31) | B (32) | State of Ground 0-9 (33) | Sea 0-9 (34) | Weather 06h.–12h. 26th (41) | 12h.–18h. 26th (42) | 18h. 26th to 00h. 27th (43) | 00h.–06h. 27th (44) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 22·5 | -12 | WNW | 2 | bc | 76 | 59 | 8 | 8 | 3 | 8 | 4 | 3 | 4 | 25 | 40 | 1 | * | Fefbc | bccbcy | bcw | bcbmow |
| Croydon | 22·2 | -14 | W'S | 1 | bc | 75 | 57 | 8 | 8 | 6 | 1 | 4 | 3 | 3 | 35 | - | 0 | * | bczo | bcyebcy | bczbmo | bmow |
| Boscombe Down | 23·1 | -10 | - | 0 | b-bc | 71 | 58 | 8 | 4 | 4 | - | 3 | 2 | 2 | 35 | - | 0 | * | bcmwfdcm | bcmobcy | bmo | bmo bmo |
| Thorney Island | 22·3 | -16 | WSW | 2 | bc | 70 | 59 | 8 | - | 3 | 1 | 4 | 3 | 2 | - | - | 0 | * | bczobc | bc | bcfgb | bmobfgw |
| Friston | | | | | | | | | | | | | | | | | | * | | | | |
| Lympne | 23·4 | -6 | ESE | 1 | b-bc | 68 | 59 | 8 | - | 3 | 1 | 3 | 3 | 2 | 180 | - | 0 | §– | cbcmbcy | bcbyb | bmo | bmo |
| Manston | 23·0 | -14 | E | 2 | zo | 64 | 68 | 5 | 5 | - | - | 5 | 5 | 3 | 3 | - | 0 | * | cmofe | bccmo | cmomFbcmo | bmofebcm |
| North Weald | 27·2 | -8 | ESE | 2 | c-bc | 69 | 62 | 6 | 2 | 6 | 2 | 5 | 4 | 3 | 35 | - | 0 | * | cffbczo | czoyczo | bcbf | fbcfg |
| Felixstowe | 23·5 | -10 | E | 3 | zo | 66 | 63 | 6 | 5 | - | 1 | 6 | 5 | 4 | 5 | - | 0 | 2 | cwbc | bcmocmo | cmo pjbcb | bmo ofw |
| Gorleston | 23·8 | -10 | ESE | 1 | zo | 64 | 61 | 6 | - | 4 | - | 1 | 1 | - | 80 | - | 0 | 2 | czo | bczo | bzofefz | ofefe |
| Mildenhall | 22·1 | -14 | - | 0 | c-bc | 77 | 61 | 7 | 7 | - | 2 | 5 | 2 | 5 | 20 | 72 | 0 | * | cmbcmoc | bcmocy | cycbmo | bmobfcm |
| Bircham Newton | 22·6 | -10 | ENE | 3 | bc | 71 | 63 | 7 | 2 | 6 | 2 | 4 | 2 | 3 | 30 | - | 0 | * | bc | bcybc | bcbmow | bmowbcf |
| Cranwell | 22·2 | -12 | WSW | 1 | zo | 71 | 64 | 6 | 2 | 3 | 1 | 5 | 4 | 3 | 35 | - | 0 | * | ofcmo | czobczo | bcmobmo | bmobm |
| Cranfield | 22·5 | -16 | WSW | 1 | bc | 71 | 58 | 8 | 5 | - | - | 4 | 4 | - | 50 | - | 0 | * | bmooffbmo | bcmobcy | bcbbc | bcmobcfg |
| Honiley | 22·4 | -24 | SW | 2 | b-bc | 70 | 55 | 8 | 4 | 6 | 1 | 3 | 2 | 1 | 30 | - | 0 | * | ofbczczo | czoybcy | bcyb | bmobfg |
| Little Rissington | 22·3 | -10 | W | 2 | b-bc | 69 | 55 | 8 | 4 | 3 | - | 3 | 2 | 3 | 30 | - | 0 | * | bmoczoc | cbcb | b | bbmo |
| Shobden | 23·0 | -14 | SW | 1 | b-bc | 70 | 54 | 8 | 1 | 6 | - | 3 | 3 | 2 | 35 | - | 0 | * | cmobc | bcbcy | bcycbbmo | bcbfg |
| Bristol | 24·9 | -2 | W | 1 | b | 69 | 55 | 8 | - | - | 1 | 2 | 1 | - | 0 | - | 0 | * | ofcmcmo | bcmobcy | byb mow | bmow |
| Chivenor | 24·4 | -10 | WNW | 3 | b-bc | 63 | 55 | 8 | 1 | 4 | 1 | 3 | 1 | 2 | 20 | - | 0 | * | ecfgmoc | cbcb | b | bbmowF |
| Yeovilton | 23·3 | -16 | NNW | 2 | bc | 70 | 55 | 8 | 1 | 4 | 5 | 4 | 3 | 2 | 35 | - | 0 | * | fbczbc | cbccbc | bz | bzf |
| Portland Bill | 24·1 | -8 | W | 2 | c-bc | 65 | 60 | 8 | 2 | - | - | 5 | 5 | - | 50 | - | 0 | 3 | cbc | bcc | cbc | bc |
| Exeter | 23·5 | -8 | NE | 2 | b-bc | 68 | 58 | 8 | 4 | - | 8 | 3 | 3 | 2 | 30 | - | 0 | * | bc | cb | b | bbcmo |
| Plymouth | 24·1 | -10 | N | 1 | bc | 66 | 57 | 8 | 4 | 8 | 4 | 4 | 2 | 3 | 30 | - | 0 | 1 | bc | bc | bc | bcbbcw |
| St. Eval | 25·1 | -4 | NW | 2 | bc | 61 | 55 | 8 | 1 | 4 | 6 | 4 | 3 | 3 | 25 | - | 0 | * | bbc | bcu | bcbbc | bm mofgw |
| The Lizard | 14·3 | -6 | N | 3 | c-bc | 66 | 56 | 8 | 1 | 3 | 4 | 5 | 3 | 4 | 30 | 57 | 0 | 2 | bcc | bc | bcw | bcw |
| Scilly, St. Marys | 25·7 | -8 | NW'N | 2 | bc | 63 | 58 | 8 | 1 | - | - | 4 | 4 | - | 22 | - | 0 | 3 | c | bc | bcw | bbcw |
| Fairwood | 23·9 | -12 | W'S | 3 | b-bc | 66 | 55 | 9 | 7 | - | 1 | 3 | 1 | 1 | 25 | 57 | 0 | * | bbc | cbcu | bvb | bbc |
| Pembroke | 24·9 | -10 | WNW | 2 | b-bc | 62 | 55 | 8 | - | 6 | 1 | 3 | - | 3 | - | - | 0 | 2 | bc | bc | bcw | c |
| Aberporth | 24·5 | -14 | WNW | 3 | b | 61 | 52 | 9 | - | - | 1 | - | 1 | - | 0 | - | 0 | 1 | cbc | b | * | bcw |
| Penrhos | 23·7 | -10 | NW | 3 | b | 63 | 52 | 9 | 4 | 6 | - | 1 | 1 | 1 | 30 | - | 0 | 2 | bcb | bbv | bvbfgfsw | bfgwbc |
| Holyhead, Valley | 24·6 | -10 | SW'S | 2 | b | 61 | 58 | 9 | 4 | - | 5 | 2 | 1 | 2 | 30 | - | 0 | 1 | b | b | b | bcc |
| Hawarden | 23·5 | -10 | NW | 3 | b | 65 | 58 | 8 | 2 | - | - | 1 | 1 | - | 25 | - | 0 | * | bcmoc | cbc | bcbmo | bcmo |
| Manchester | 22·5 | -14 | NW'N | 2 | zo | 66 | 59 | 6 | 2 | - | - | 2 | 2 | - | 25 | - | 0 | * | cmo | cmobzo | bzomofgm | bmFcmow |
| Squires Gate | 23·2 | -12 | NW | 2 | zo | 64 | 59 | 6 | 5 | - | - | 3 | 3 | - | 15 | - | 0 | * | cm | cb cmo | bmo | cmobcmo |
| Silloth | 22·7 | -12 | SW | 3 | zo | 63 | 58 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 | * | cmo | cmobzo | bmo | bcmoc |
| Ashbourne | 22·7 | -10 | WSW | 2 | b | 68 | 56 | 7 | 1 | - | - | 1 | 1 | - | 30 | - | 0 | * | cmbczo | bc | bmo | bmof cmo |
| Snaith | 22·2 | -14 | W | 3 | m | 69 | 62 | 4 | 2 | 6 | - | 5 | 4 | 5 | 25 | - | 1 | * | Firocm | czobcczo | bcmcm | bmf |
| Spurn Head | 23·0 | -16 | S'E | 4 | F | 62 | 60 | 2 | - | - | - | 9 | 9 | - | 0 | - | 0 | 3 | bczo | f | fbmo | cbcmo |
| Catterick (Sc.) | 23·4 | -6 | SE'S | 2 | zo | 69 | 62 | 6 | 8 | 7 | - | 4 | 3 | 4 | 20 | 40 | 0 | * | ofomcmo | czobczo | bzocmo | bmobcm |
| Tynemouth | 23·3 | -16 | SE | 2 | cf | 57 | 57 | 3 | 5 | - | - | 8 | 8 | - | 16 | - | 1 | 2 | ocff | coff | offmo | obbcmo |
| Acklington | 22·5 | -14 | SE | 2 | F+ | 57 | 57 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | * | ffdfcm | cmobcmof | off | bbcc |
| St. Abb's Head | 22·3 | -18 | — | 0 | bF+ | 57 | 55 | 0 | - | - | - | 0 | 0 | 0 | - | - | 1 | 1 | FF | febF | ffebcfmo | bmobcc |
| Leuchars | 21·8 | -24 | SE | 2 | zo | 59 | 57 | 6 | 5 | - | - | 8 | 5 | 8 | 4 | - | 1 | * | csdodomo | cmocdodoc | cmocmofc | ofccmoc |
| Montrose | * | * | SE | 2 | m | 57 | 54 | 4 | 5 | - | - | 6 | 4 | 6 | 3 | 15 | 0 | * | ofgoofmcmo | cmojfmo | cmooff | offfcmo |
| Abbotsinch | 21·3 | -18 | SSW | 2 | c-bc | 68 | 53 | 8 | 2 | 6 | - | 5 | 4 | 3 | 25 | - | 1 | * | cmoidocmo | cmobc | bccmo | cmo cro |
| Prestwick | 22·3 | -19 | W | 2 | bc | 67 | 51 | 7 | 8 | 4 | 1 | 4 | 2 | 4 | 20 | 25 | 0 | * | bmobzo | bzoyby | bybcmo | bmocir |
| West Freugh | 22·4 | -14 | SW | 3 | b | 63 | 52 | 8 | 2 | - | 8 | 1 | 1 | 1 | 25 | - | 0 | * | bwbbc | bcbbyb | bbcw | bcw prow |
| Eskdalemuir | 21·6 | -14 | SSW | 1 | b | 66 | 58 | 7 | 1 | - | - | 2 | 1 | - | 33 | - | 0 | * | cwido | bcbbyb | bf | bfcwmo |
| *Jurby, I. of Man | 23·3 | -14 | WSW | 3 | b | 65 | 48 | 8 | 1 | - | 5 | 2 | 2 | 1 | 30 | - | 0 | * | b,c | cb | bcb | bbcc iro |
| Machrihanish | 21·5 | -20 | SE'S | 3 | b-bc | 66 | 50 | 8 | 1 | - | 6 | 3 | 2 | 3 | 25 | - | 0 | 1 | bbc | bc | bc | crr |
| Tiree | 20·4 | -26 | S | 3 | c | 59 | 54 | 9 | 1 | 7 | 6 | 6 | 2 | 4 | 30 | - | 0 | 2 | bbcb | bbcc | ccroro | crrmocdd |
| Oban | 21·3 | -20 | S'W | 1 | bc | 63 | 57 | 8 | 4 | 4 | 2 | 4 | 2 | 1 | 40 | - | 0 | 1 | b | bc | bcc | cirodrmo |
| Stornoway | 17·4 | -26 | S | 6 | c | 59 | 55 | 8 | 5 | 7 | 6 | 7 | 4 | 4 | 10 | 40 | 0 | 4 | idomoc | cbcc | cirrm | croromo |
| Cape Wrath | 19·3 | -18 | SW | 3 | bc | 59 | 53 | 9 | 2 | 4 | 2 | 9 | 4 | - | 25 | - | 0 | 3 | bc | bc | | cproc |
| Dalwhinnie | 20·0 | -14 | SW | 3 | b-bc | 62 | 61 | 7 | 2 | - | 1 | 3 | 2 | 3 | 30 | - | 0 | * | bc | bc | * | bcc |
| Aberdeen | 21·5 | -24 | S | 1 | cjf | 59 | 57 | 7 | 5 | - | - | 7 | 5 | 6 | 8 | 25 | 0 | 2 | bcmoc | ecjf | cbcbjf | bjfciroc |
| Fraserburgh | 21·6 | -20 | S'E | 4 | zo | 58 | 57 | 5 | 5 | - | - | 8 | 8 | - | 2 | - | 0 | – | bmobc | bcmo | cmobcmo | cmo |
| Alness | 19·0 | -14 | W | 4 | bc | 69 | 51 | 9 | 1 | - | 3 | 4 | 2 | 4 | 30 | - | 0 | * | by | bcybc | bybc | ciro |
| Wick | 19·3 | -30 | SE | 4 | b-bc | 59 | 55 | 8 | 2 | - | 4 | 3 | 1 | 3 | 30 | - | 0 | * | b | bbc | bc | bccroro |
| Hatston | 19·5 | -16 | S | 4 | bc | 59 | 55 | 7 | 5 | 4 | 6 | 4 | 3 | 3 | 15 | 25 | * | * | b | | cmbc | mrr |
| Sumburgh | 20·2 | -28 | S | 4 | c | 56 | 54 | 8 | 5 | - | - | 7 | 7 | - | 5 | - | 0 | 3 | b | bbcc | cidff | idfc |
| Sullom Voe | 19·3 | -30 | S | 3 | b-bc | 59 | 51 | 9 | 1 | - | 6 | 3 | 1 | 3 | 20 | - | 0 | * | bccbc | bbc | bccddo | cdodo iro |
| Blacksod Point | 21·6 | -26 | SW'S | 4 | c | 60 | 52 | 8 | 8 | - | - | 7 | 7 | - | 40 | - | 1 | 3 | bc | c | r | r |
| Malin Head | 20·9 | -14 | NW'N | 1 | c-bc | 62 | 57 | 8 | 4 | - | - | 5 | 5 | - | 15 | - | 0 | 1 | b | c | c | c |
| Aldergrove | 22·3 | -12 | SW'S | 3 | bc | 68 | 56 | 8 | 2 | - | 8 | 4 | 3 | 3 | 30 | - | 0 | * | bc | bybcy | bcbc | bcc iro |
| Cas. Archdale | 22·2 | -18 | SW | 2 | c | 67 | 55 | 9 | 2 | - | 6 | 6 | 9 | 6 | 29 | - | 0 | * | bw | bcvyc | c | croromo |
| Birr Castle | 23·1 | -8 | SW | 1 | bc | 67 | 55 | 8 | 5 | - | 4 | 9 | 3 | - | 25 | - | 0 | * | b | b | * | r |
| Collinstown | 22·7 | -18 | SE'E | 3 | b | 63 | 55 | 8 | 4 | - | 4 | 2 | 1 | - | 40 | - | 0 | * | b | b | bc | c |
| Foynes | 23·5 | -12 | W'S | 3 | c-bc | 62 | 50 | 9 | 2 | 5 | 6 | 5 | 1 | - | 25 | - | 0 | * | b | b | c | r |
| Valentia | 24·2 | -22 | SW | 3 | c | 61 | 49 | 9 | 5 | 1 | 3 | 6 | 4 | - | 28 | - | 0 | 2 | b | b | c | r |
| Roches Point | 29·3 | -12 | SSW | 3 | b | 67 | 55 | 8 | 2 | - | 1 | 2 | 2 | - | 25 | - | 1 | 3 | b | b | bc | r |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil 1=Trace 2=1/10 3=1/4 4=1/2 5=3/4 6=8/10 7=More than 9 but with openings. 8=Completely covered. 9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32 A=Lowest cloud present. B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

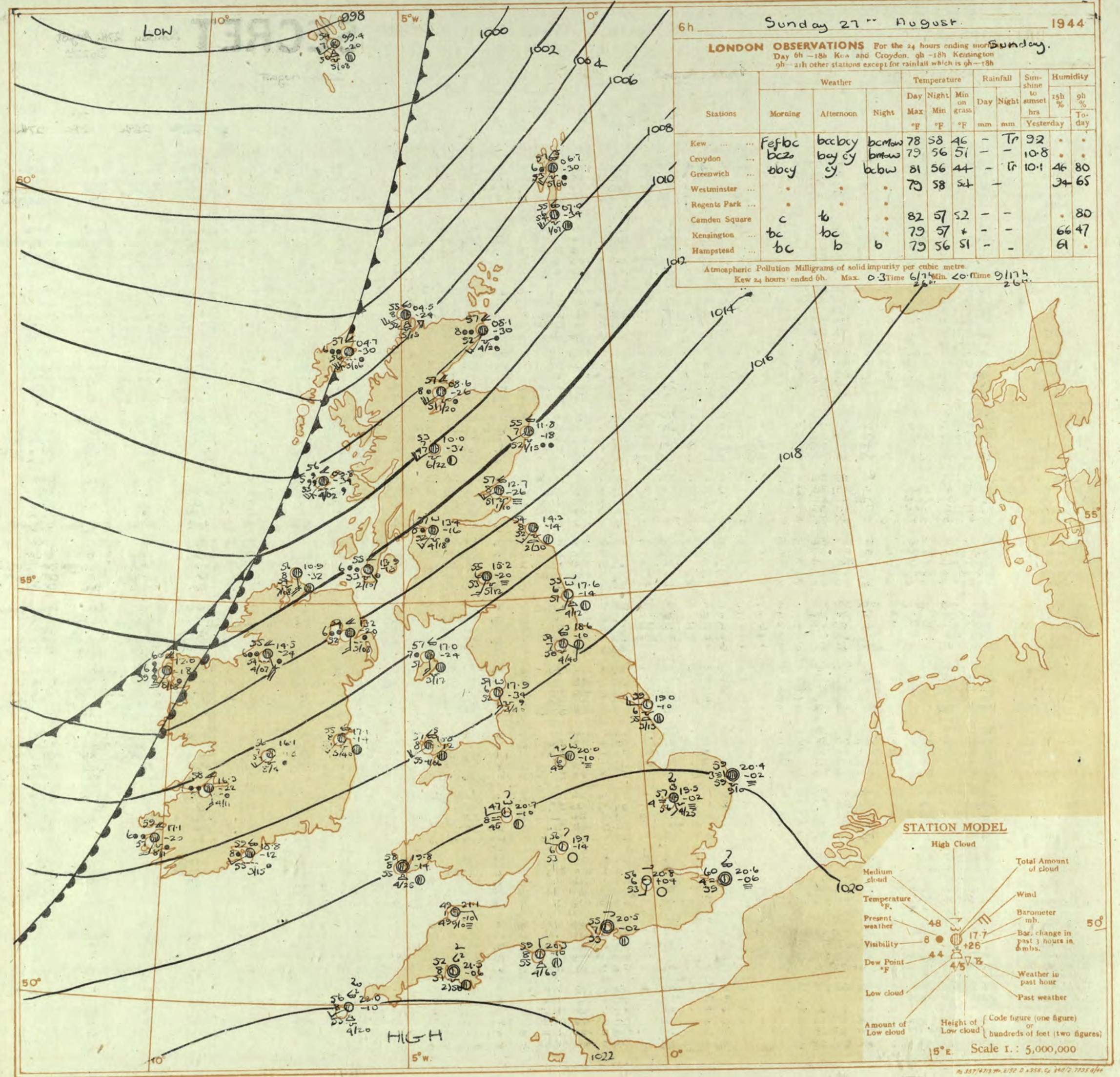
NELSON K. JOHNSON, K.C.B., D.Sc., Director. Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Sunday 27th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning Sunday.
Day 6h – 18h Kew and Croydon. 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | Fefbc | bccbcy | bcmbw | 78 | 58 | 46 | – | Tr | 9.2 | • | • |
| Croydon ... | bczo | bcy cy | bmbw | 79 | 56 | 51 | – | – | 10.8 | • | • |
| Greenwich ... | bbcy | cy | bcbw | 81 | 56 | 44 | – | Tr | 10.1 | 46 | 80 |
| Westminster ... | • | • | • | 79 | 58 | 54 | – | | | 34 | 65 |
| Regents Park ... | • | • | • | | | | | | | | |
| Camden Square | c | b | • | 82 | 57 | 52 | – | – | | • | 80 |
| Kensington ... | bc | bc | • | 79 | 57 | * | – | – | | 66 | 47 |
| Hampstead ... | bc | b | b | 79 | 56 | 51 | – | – | | 61 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.3 Time 6/7h 26th Min. 0.0 Time 9/17h 26th.



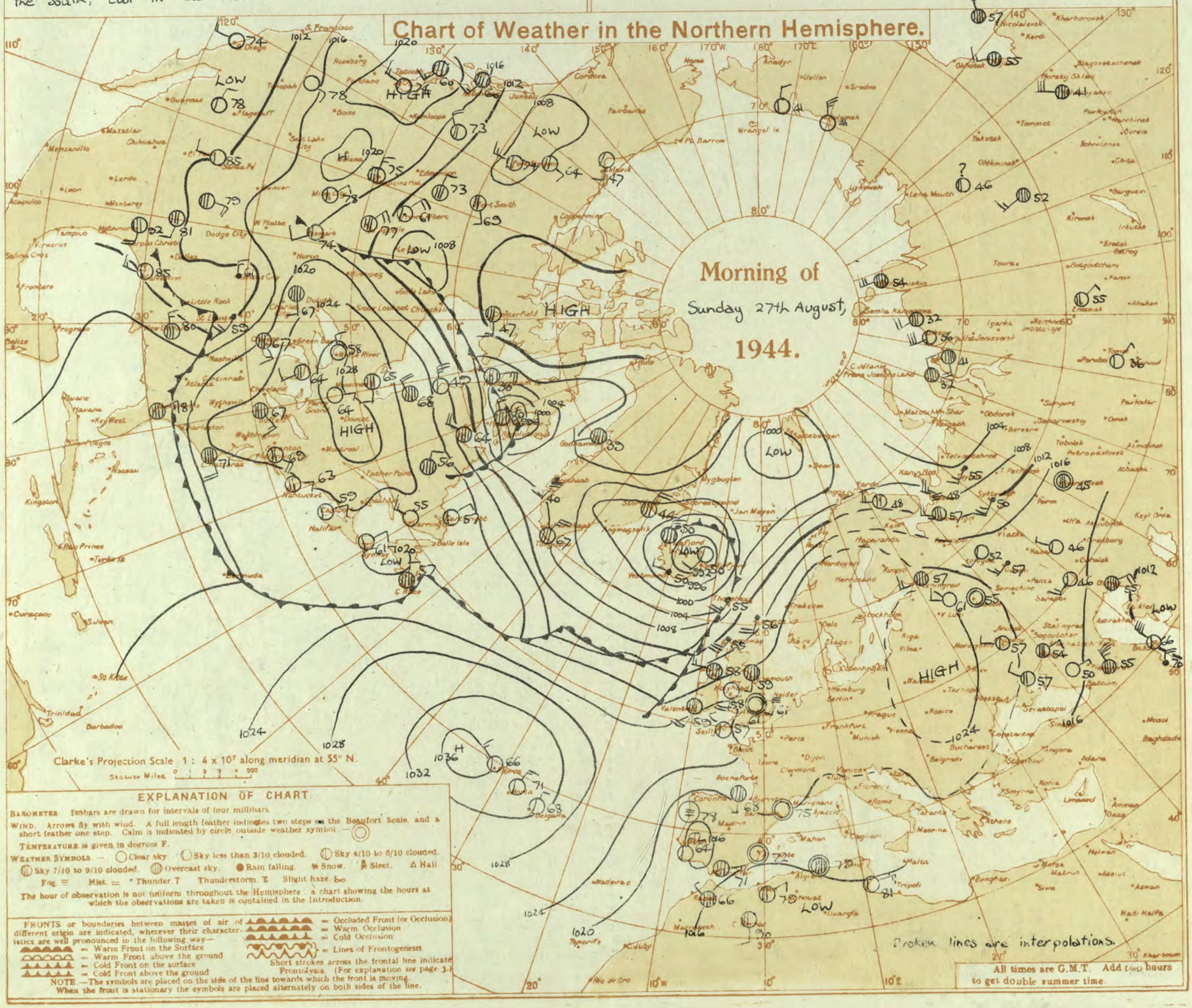

H.M.S.O. Press, M.O. Dunstable.

## GENERAL INFERENCE

A depression near Iceland is moving northeast and associated fronts off West Ireland are moving east. In the North and West of the British Isles there will be occasional rain. In the East and South weather will be fine at first but cloudy conditions with occasional light rain will spread from West tonight and tomorrow. It will be warm in the South, cool in the North.

## FURTHER OUTLOOK

Rain in the North. Mainly cloudy in South with occasional rain later.




## EXPLANATION OF CHART

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere: a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

Page 4.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Sunday 27th August 1944

No 30229

## OBSERVATIONS at 00hr. G.M.T. 27th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F (6) | Dew Point °F (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Med. (10) | High (11) | Amount Total 0–9 (12) | Low A 0–9 (13) | Low B 0–9 (14) | Height of Base Hundreds of feet A (15) | B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | * | * | * | * | * | 63 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 22·2 | -8 | — | 0 | Z | 61 | 58 | 6 | — | — | — | 0 | 0 | 0 | — | — |
| | Boscombe Down | 417 | 22·8 | -8 | NW | 1 | Z | 57 | 55 | 6 | — | — | — | 0 | 0 | 0 | — | — |
| | Thorney Island | 10 | 22·0 | -10 | NW | 1 | b | 59 | 58 | 7 | — | — | — | 0 | 0 | 0 | — | — |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 22·3 | -14 | — | 0 | Z | 58 | 56 | 6 | — | — | — | 0 | 0 | 0 | — | — |
| | Manston | 140 | 22·5 | -6 | — | 0 | Z | 61 | 60 | 6 | — | — | — | 0 | 0 | 0 | — | — |
| 2 | North Weald | 244 | 22·3 | 0 | — | 0 | bf+ | 58 | 58 | 2 | — | — | — | 0 | 0 | 0 | — | — |
| | Felixstowe | 10 | 22·6 | -10 | — | 0 | Z | 63 | 62 | 5 | 5 | — | — | 3 | 3 | - | 4 | — |
| | Gorleston | 5 | 22·4 | -10 | SSW | 1 | F+ | 61 | 60 | 0 | — | — | — | 9 | 9 | — | 0 | — |
| | Mildenhall | 15 | 21·5 | -14 | S | 2 | Z | 62 | 60 | 6 | — | — | — | 0 | 0 | 0 | — | — |
| | Bircham Newton | 221 | 21·7 | -10 | — | 0 | Z | 59 | 59 | 5 | — | — | — | 0 | 0 | 0 | — | — |
| | Cranwell | 203 | 21·3 | -12 | WSW | 1 | Z | 60 | 58 | 5 | — | — | — | 0 | 0 | 0 | — | — |
| 3 | Cranfield | 340 | 22·0 | -18 | — | 0 | Z | 61 | 57 | 5 | 5 | — | — | 4 | 4 | - | 41 | — |
| | Honiley | 427 | 21·9 | -8 | SW | 2 | b | 57 | 54 | 7 | — | — | — | 0 | 0 | 0 | — | — |
| 4 | Little Rissington | 731 | 21·8 | -12 | W | 1 | b | 58 | 53 | 7 | — | 7 | — | 2 | 2 | - | 30 | — |
| | Shobden | 318 | 22·9 | -6 | W | 3 | Z | 54 | 52 | 6 | — | — | — | 0 | 0 | 0 | — | — |
| 5 | Bristol | 209 | 23·0 | -12 | — | 0 | Z | 56 | 54 | 6 | — | — | — | 0 | 0 | 0 | — | — |
| | Chivenor | 20 | 23·5 | -8 | — | 0 | b | 51 | 50 | 7 | — | — | — | 0 | 0 | 0 | — | — |
| | Yeovilton | 50 | 22·6 | -12 | — | 0 | Z | 53 | 53 | 5 | — | — | — | 0 | 0 | 0 | — | — |
| | Portland Bill | 32 | 22·1 | -16 | W | 3 | bc | 62 | 56 | 8 | 5 | — | — | 4 | 4 | - | 50 | — |
| | Exeter | 100 | 23·4 | -8 | — | 0 | b | 55 | 55 | 8 | — | — | — | 0 | 0 | 0 | — | — |
| | Plymouth | 86 | 23·3 | -14 | — | 0 | b | 56 | 54 | 8 | 5 | — | — | 2 | 2 | - | 35 | - |
| | St. Eval | 345 | 24·0 | -10 | NW | 1 | bc | 57 | 55 | 8 | 4 | 4 | — | 4 | 3 | 4 | 20 | — |
| | The Lizard | 240 | 23·6 | -8 | NW | 3 | bc | 57 | 55 | 6 | 4 | — | — | 4 | 4 | — | 25 | — |
| | Scilly, St. Marys | 163 | 24·6 | -6 | NW | 1 | b | 57 | 56 | 8 | 5 | — | — | 2 | 2 | - | 25 | — |
| 6 | Fairwood | 268 | 23·3 | -10 | NW | 1 | b | 52 | 49 | 8 | — | — | — | 0 | 0 | 0 | — | — |
| | Pembroke | 142 | 24·0 | -2 | WS | 1 | b-bc | 59 | 58 | 8 | - | 3 | — | 3 | - | 3 | — | — |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 22·1 | -10 | — | 0 | fg | 52 | 51 | 7 | — | — | — | 0 | 0 | 0 | — | — |
| | Holyhead, Valley | 32 | 22·4 | -10 | S | 4 | b | 58 | 56 | 7 | — | — | — | 0 | 0 | 0 | — | — |
| | Hawarden | 15 | 22·1 | -12 | SE | 2 | Z | 54 | 54 | 5 | — | — | — | 0 | 0 | 0 | — | — |
| 8 | Manchester | 230 | 21·8 | -12 | — | 0 | m | 56 | 56 | 4 | — | — | — | 0 | 0 | 0 | — | — |
| | Squires Gate | 30 | 21·6 | -12 | WNW | 2 | Z | 58 | 56 | 6 | — | — | — | 0 | 0 | 0 | — | — |
| | Silloth | 25 | 20·3 | -14 | SW | 4 | Z | 57 | 55 | 5 | 5 | — | — | 1 | 1 | - | 15 | — |
| 9 | Ashbourne | 590 | 22·5 | -10 | — | 0 | Z | 53 | 53 | 5 | — | — | — | 0 | 0 | 0 | — | — |
| | Snaith | 30 | 21·6 | -10 | WSW | 3 | m | 53 | 56 | 4 | — | — | — | 0 | 0 | 0 | — | — |
| 10 | Spurn Head | 29 | 21·5 | -12 | SW | 2 | Z | 61 | 60 | 6 | — | — | — | 0 | 0 | 0 | — | — |
| | Catterick (Sc.) | 195 | 21·6 | -6 | SW | 3 | Z | 60 | 56 | 6 | 5 | — | — | 3 | 3 | - | 40 | — |
| | Tynemouth | 108 | 20·7 | -14 | S | 1 | Z | 59 | 59 | 6 | 5 | — | — | 8 | 8 | - | 15 | — |
| | Acklington | 138 | 19·3 | -22 | W | 1 | F+ | 56 | 56 | 1 | — | — | — | 9 | 9 | - | 0 | — |
| 11 | St. Abb's Head | 280 | 18·0 | -26 | W | 4 | Z | 57 | 57 | 6 | 5 | — | — | 3 | 3 | - | 20 | — |
| | Leuchars | 31 | 17·9 | -26 | SW | 1 | cf+ | 56 | 56 | 3 | 5 | — | — | 8 | 8 | - | 2 | — |
| | Montrose | 22 | * | * | ESE | 1 | f- | 55 | 55 | 3 | 5 | — | — | 8 | 8 | - | 2 | — |
| 12 | Abbotsinch | 19 | 18·0 | -18 | SSW | 3 | Z | 57 | 51 | 5 | 5 | — | — | 5 | 5 | - | 20 | — |
| | Prestwick | 30 | 18·6 | -22 | SSE | 2 | Z | 57 | 51 | 6 | - | - | 5 | 4 | 4 | - | 200 | - |
| | West Freugh | 53 | 19·5 | -16 | SW'S | 4 | bc | 57 | 54 | 8 | 5 | 7 | 1 | 4 | 3 | 4 | 30 | — |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 21·1 | -14 | SSW | 4 | b-bc | 59 | 52 | 8 | 5 | - | 5 | 3 | 1 | 3 | 25 | - |
| 13A | Machrihanish | 35 | 18·1 | -16 | SW | 3 | bc | 59 | 55 | 7 | 8 | 7 | - | 4 | 3 | 2 | 20 | - |
| | Tiree | 44 | 16·1 | -22 | SW'S | 3 | ioio | 57 | 53 | 7 | 5 | 2 | — | 8 | 4 | 8 | 20 | — |
| | Oban | 74 | 17·4 | -16 | SSW | 1 | c | 58 | 54 | 8 | 5 | 2 | — | 8 | 3 | 8 | 30 | — |
| 13B | Stornoway | 12 | 11·4 | -32 | SSW | 6 | rr | 55 | 52 | 6 | 6 | 2 | — | 8 | 5 | 8 | 10 | 15 |
| | Cape Wrath | 367 | 12·3 | -38 | SW | 4 | pr | 57 | 53 | 8 | 8 | 4 | — | 5 | 4 | — | 15 | — |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 17·0 | -24 | S | 2 | Z | 56 | 55 | 6 | 5 | — | — | 8 | 5 | 8 | 20 | 40 |
| | Fraserburgh | 76 | 16·8 | -26 | SW | 4 | Z | 54 | 54 | 5 | 5 | — | — | 4 | 4 | — | 10 | — |
| | Alness | 63 | 14·3 | -34 | SSW | 3 | c | 59 | 51 | 8 | 5 | 1 | — | 8 | 4 | 8 | 40 | — |
| | Wick | 114 | 14·7 | -26 | SSW | 3 | bc | 57 | 53 | 8 | 5 | 4 | — | 4 | 3 | 4 | 30 | — |
| 16 | Hatston | 45 | 14·1 | -32 | SW'S | 2 | Z | 54 | 53 | 6 | 5 | — | — | 4 | 3 | 3 | 3 | 15 |
| | Sumburgh | 15 | 13·9 | -38 | SW | 5 | df.. | 56 | 56 | 3 | — | — | — | 9 | 9 | - | 0 | — |
| | Sullom Voe | 12 | 13·5 | -36 | S | 4 | dodo | 56 | 56 | 6 | 5 | — | — | 8 | 8 | — | 7 | — |
| 17 | Blacksod Point | 18 | 17·6 | -20 | SW | 5 | rr | 59 | 57 | 6 | 6 | 2 | — | 8 | 4 | — | 8 | — |
| 18 | Malin Head | 84 | 16·8 | -24 | W | 3 | c | 58 | 50 | 8 | 5 | — | — | 8 | 8 | — | 15 | — |
| | Aldergrove | 294 | 19·9 | -10 | SSW | 3 | bc | 57 | 50 | 8 | 5 | — | 1 | 4 | 2 | 4 | 25 | 40 |
| | Cas. Archdale | 240 | 20·0 | -18 | SSE | 4 | c | 57 | 48 | 6 | — | 7 | — | 8 | 8 | — | — | — |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 21·0 | -10 | WSW | 2 | ebc | 57 | 53 | 9 | 5 | 7 | 6 | 5 | 3 | — | 40 | — |
| 20 | Foynes | 3 | 20·9 | -18 | SE | 3 | c | 55 | 51 | 8 | 5 | 7 | — | 7 | 4 | — | 35 | — |
| | Valentia | 30 | 21·8 | -22 | SW | 4 | c | 59 | 50 | 9 | 5 | 7 | — | 7 | 4 | — | 35 | — |
| | Roches Point | 22 | 22·9 | -10 | WSW | 2 | b-bc | 56 | 52 | 8 | 5 | — | — | 3 | 3 | — | 25 | — |

## OBSERVATIONS at 06hr. G.M.T. 27th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Med (26) | High (27) | Amount Total 0–9 (28) | Low A 0–9 (29) | Low B 0–9 (30) | Height of Base Hundreds of feet A (31) | B (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 20·6 | -4 | SSW | 2 | Z | 59 | 56 | 6 | 5 | — | 1 | 2 | 1 | 2 | 25 | — | 1 | * |
| Croydon | 20·8 | +4 | SW | 1 | Z | 56 | 53 | 6 | — | — | 1 | 1 | 1 | — | — | — | 1 | * |
| Boscombe Down | 21·3 | -6 | — | 0 | Z | 52 | 51 | 5 | — | — | 5 | 2 | 2 | — | — | — | 0 | * |
| Thorney Island | 20·5 | -2 | — | 0 | b-bc | 55 | 53 | 7 | — | — | 3 | 3 | 3 | — | — | — | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 20·6 | -6 | — | 0 | Z | 58 | 55 | 6 | — | 4 | 2 | 4 | 2 | 3 | 80 | — | 0 | § |
| Manston | 20·6 | -6 | — | 0 | m/f | 60 | 59 | 4 | — | 7 | 4 | 3 | 3 | 3 | — | — | 0 | * |
| North Weald | 20·3 | 0 | — | 0 | m | 54 | 50 | 4 | — | — | 9 | 4 | — | 4 | — | — | 0 | * |
| Felixstowe | 21·0 | -2 | — | 0 | F+ | 61 | 61 | 1 | — | — | — | 9 | 9 | — | 0 | — | 0 | 0 |
| Gorleston | 20·4 | -2 | — | 0 | cf- | 59 | 59 | 3 | 5 | — | — | 8 | 8 | — | 0 | — | 1 | 1 |
| Mildenhall | 19·5 | -2 | S | 2 | m/f | 57 | 56 | 4 | 5 | 3 | 9 | 7 | 4 | 4 | 25 | — | 1 | * |
| Bircham Newton | 19·4 | -6 | — | 0 | bbcf+ | 55 | 55 | 2 | 1 | — | 2 | 8 | 2 | 3 | 35 | — | 0 | * |
| Cranwell | 18·9 | -12 | WSW | 3 | m | 56 | 56 | 4 | — | — | — | 2 | 2 | 2 | — | — | 0 | * |
| Cranfield | 19·9 | -8 | — | 0 | fg | 55 | 52 | 6 | — | 4 | 1 | 2 | 1 | 1 | 80 | — | 0 | * |
| Honiley | 19·6 | -10 | SW | 1 | fg | 51 | 51 | 4 | — | 4 | 2 | 4 | — | 4 | — | — | 1 | * |
| Little Rissington | 19·7 | -14 | NNW | 2 | Z | 56 | 53 | 6 | — | — | 5 | 2 | 2 | — | — | — | 0 | * |
| Shobden | 20·7 | -10 | W | 2 | fg | 47 | 45 | 8 | — | 3 | 5 | 3 | 2 | 3 | — | — | 0 | * |
| Bristol | 21·5 | -8 | — | 0 | Z | 53 | 49 | 6 | — | 4 | 1 | 1 | 1 | — | — | — | 0 | * |
| Chivenor | 21·1 | -10 | E | 2 | F | 49 | 49 | 1 | — | — | — | 9 | 9 | — | 0 | — | 0 | * |
| Yeovilton | 21·3 | -6 | — | 0 | bf+ | 47 | 47 | 3 | — | — | 2 | 2 | — | 2 | — | — | 0 | * |
| Portland Bill | 20·3 | -10 | N | 2 | bc | 58 | 55 | 8 | 2 | — | — | 4 | 4 | — | 60 | — | 1 | 3 |
| Exeter | 21·4 | -8 | NNE | 1 | bcF+ | 50 | 50 | 0 | — | 7 | 5 | 4 | 3 | 4 | 80 | — | 0 | * |
| Plymouth | 21·5 | -6 | — | 0 | b-bc | 52 | 51 | 8 | 5 | 4 | 5 | 3 | 2 | 2 | 50 | — | 1 | 1 |
| St. Eval | 21·6 | -10 | — | 0 | fg | 55 | 54 | 8 | 5 | 7 | 1 | 5 | 4 | 5 | 10 | — | 0 | * |
| The Lizard | 21·5 | -12 | NW | 2 | bc | 55 | 55 | 8 | 1 | 3 | — | 4 | 3 | 2 | 25 | 40 | 1 | 3 |
| Scilly, St. Marys | 22·0 | -10 | WSW | 1 | bc | 56 | 55 | 8 | 8 | 7 | 9 | 4 | 4 | 2 | 20 | — | 0 | 2 |
| Fairwood | 21·2 | -10 | NE | 1 | bc | 50 | 50 | 8 | 2 | 3 | 1 | 4 | 2 | 3 | 8 | 25 | 0 | * |
| Pembroke | 19·8 | -14 | — | 0 | bc | 58 | 55 | 8 | 2 | — | — | 4 | 4 | — | 25 | — | 0 | 2 |
| Aberporth | 20·3 | -12 | SW | 2 | bc | 52 | 50 | 8 | — | 9 | — | 4 | 4 | — | 150 | — | 1 | 2 |
| Penrhos | 18·8 | -12 | SSW | 3 | c | 56 | 52 | 8 | 5 | 7 | 2 | 6 | 1 | 4 | 18 | 40 | 0 | 2 |
| Holyhead, Valley | 18·8 | -12 | SW'S | 4 | c | 57 | 55 | 8 | 5 | 7 | — | 6 | 4 | 5 | 6 | — | 0 | 3 |
| Hawarden | 19·1 | -10 | SE | 2 | Z | 49 | 48 | 6 | 5 | 7 | — | 4 | 3 | 4 | 40 | — | 0 | * |
| Manchester | 19·8 | -6 | SW'S | 2 | ebc | 50 | 50 | 7 | 5 | 3 | 2 | 5 | 2 | + | 20 | — | 0 | * |
| Squires Gate | 17·9 | -34 | SSE | 3 | Z | 54 | 52 | 6 | 5 | 3 | — | 4 | 3 | — | 40 | — | 0 | * |
| Silloth | 16·4 | -14 | SSW | 4 | c | 59 | 54 | 8 | 5 | 7 | — | 7 | 1 | 5 | 8 | 15 | 0 | * |
| Ashbourne | 20·0 | -10 | W | 1 | Z | 49 | 49 | 6 | — | 3 | 4 | 5 | 3 | 5 | 80 | — | 0 | * |
| Snaith | 18·3 | -18 | WSW | 2 | f- | 53 | 51 | 3 | — | 7 | 4 | 4 | 3 | 4 | 100 | — | 1 | * |
| Spurn Head | 19·0 | -10 | WN | 3 | Z | 59 | 55 | 6 | 7 | — | — | 3 | 3 | — | 15 | — | 1 | 2 |
| Catterick (Sc.) | 18·6 | -10 | ESE | 2 | bc | 54 | 50 | 7 | 5 | 7 | — | 4 | 4 | 3 | 40 | — | 0 | * |
| Tynemouth | 17·6 | -14 | SSW | 2 | Z | 55 | 51 | 6 | 2 | 3 | 1 | 4 | 4 | 3 | 22 | — | 1 | 2 |
| Acklington | 16·1 | -12 | SW | 1 | c | 53 | 51 | 6 | 5 | 7 | 1 | 7 | 3 | 4 | 50 | — | 0 | * |
| St. Abb's Head | 14·3 | -14 | SSW | 3 | c | 54 | 52 | 8 | 7 | — | — | 7 | 2 | 5 | 30 | 40 | 0 | 2 |
| Leuchars | 12·7 | -26 | SW | 3 | c | 57 | 51 | 8 | 5 | 7 | — | 7 | 1 | 3 | 10 | 25 | 1 | * |
| Montrose | * | * | SSW | 3 | c | 55 | 51 | 7 | 5 | 7 | — | 6 | 1 | 3 | 20 | 40 | 0 | * |
| Abbotsinch | 13·4 | -16 | SSW | 3 | io | 57 | 52 | 8 | 5 | 3 | — | 5 | 4 | 3 | 18 | 25 | 1 | * |
| Prestwick | 14·4 | -16 | SW'S | 4 | io | 57 | 50 | 8 | 5 | 7 | — | 7 | 4 | 5 | 18 | 40 | 0 | * |
| West Freugh | 15·7 | -16 | SSW | 2 | r/r | 56 | 53 | 8 | 5 | 7 | — | 8 | 3 | 3 | 15 | 25 | 0 | * |
| Eskdalemuir | 15·2 | -20 | SW | 3 | Z | 55 | 53 | 6 | 5 | — | — | 8 | 5 | — | 12 | — | 1 | * |
| Jurby, I. of Man | 17·0 | -24 | S | 3 | io | 57 | 51 | 7 | 5 | 7 | — | 7 | 3 | 3 | 17 | 25 | 0 | * |
| Machrihanish | 13·9 | -18 | SE'S | 2 | ioio | 55 | 53 | 6 | 5 | 2 | — | 8 | 2 | 4 | 10 | 25 | 2 | 2 |
| Tiree | 09·8 | -34 | SW'S | 5 | dd | 56 | 55 | 5 | 6 | 2 | — | 8 | 4 | 8 | 2 | 4 | 1 | 5 |
| Oban | 12·3 | -22 | SW'S | 3 | dr | 54 | 53 | 5 | 6 | 2 | — | 8 | 3 | 6 | 3 | 8 | 1 | 3 |
| Stornoway | 04·7 | -30 | SSW | 6 | ioio | 57 | 56 | 6 | 6 | 2 | — | 8 | 5 | 8 | 6 | 15 | 1 | 4 |
| Cape Wrath | 04·5 | -24 | SW | 5 | Z | 55 | 52 | 8 | 8 | 7 | — | 7 | 5 | — | 15 | — | 1 | 4 |
| Dalwhinnie | 10·0 | -32 | SW | 5 | c | 53 | 47 | 7 | 5 | — | — | 6 | 6 | — | 22 | — | 0 | * |
| Aberdeen† | 11·8 | -18 | SW | 2 | c/r | 55 | 52 | 7 | 5 | 7 | — | 7 | 1 | 7 | 15 | — | 1 | 1 |
| Fraserburgh | 10·9 | -30 | SW | 4 | Z | 55 | 53 | 6 | 5 | 7 | — | 8 | 3 | 4 | 12 | 40 | 0 | |
| Alness | 08·6 | -26 | WSW | 6 | io | 57 | 51 | 8 | 5 | 2 | — | 7 | 1 | 5 | 20 | 40 | 0 | * |
| Wick | 08·1 | -30 | SSW | 3 | ioio | 57 | 52 | 8 | 5 | 2 | — | 8 | 4 | 8 | 20 | 72 | 1 | * |
| Hatston | 07·1 | -28 | SW | 4 | ioio | 57 | 56 | 5 | 5 | 2 | — | 8 | 4 | 4 | 6 | 25 | * | * |
| Sumburgh | 07·0 | -34 | SW | 5 | Z | 55 | 54 | 6 | 5 | 7 | — | 8 | 1 | — | 8 | — | 1 | 4 |
| Sullom Voe | 06·7 | -30 | SSW | 4 | io | 57 | 53 | 6 | 5 | 7 | — | 8 | 5 | 8 | 6 | — | 0 | * |
| Blacksod Point | 12·0 | -18 | SSW | 6 | id | 60 | 59 | 6 | — | 2 | — | 8 | 8 | — | 8 | — | 2 | 5 |
| Malin Head | 10·9 | -32 | S | 5 | c | 56 | 54 | 8 | 5 | — | — | 7 | 7 | — | 8 | — | 1 | 4 |
| Aldergrove | 13·2 | -20 | S | 3 | ioio | 54 | 52 | 6 | 6 | 2 | — | 8 | 5 | 4 | 8 | 15 | 1 | * |
| Cas. Archdale | 14·5 | -24 | SSE | 5 | ioio | 55 | 54 | 6 | 6 | 2 | — | 8 | 4 | 8 | 7 | 15 | 1 | * |
| Birr Castle | 16·1 | -18 | SSW | 3 | c | 56 | 54 | 7 | 5 | — | — | 8 | 8 | — | 15 | — | 0 | * |
| Collinstown | 17·1 | -14 | SW'S | 3 | c | 55 | 51 | 8 | 5 | 7 | — | 8 | 5 | — | 40 | — | 1 | * |
| Foynes | 16·3 | -22 | S,E | 3 | ioio | 58 | 56 | 7 | 5 | 2 | — | 8 | 4 | — | 11 | — | 1 | * |
| Valentia | 17·1 | -20 | SW | 4 | ioio | 59 | 57 | 6 | 5 | 2 | — | 8 | 8 | — | 11 | — | 1 | 3 |
| Roches Point | 18·8 | -12 | WSW | 2 | io | 59 | 55 | 8 | 6 | 7 | — | 8 | 3 | — | 15 | — | 1 | 3 |

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h-18h °F (35) | Min. Night 18h-6h °F (36) | Min. on Grass °F (37) | Rainfall Day 6h-18h mm. (38) | Night 18h-6h mm. (39) | Sunshine 26th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew | 78 | 58 | 46 | — | Tr | 9·2 |
| Croydon | 79 | 56 | 51 | — | — | 10·8 |
| Boscombe Down | 74 | 51 | 47 | — | Tr | 10·7 |
| Thorney Island | 78 | 54 | 48 | — | — | * |
| Friston | | | | | | |
| Lympne | 74 | 56 | 53 | - | — | 11·2 |
| Manston | 74 | 58 | 49 | — | — | 10·2 |
| North Weald | 78 | 53 | * | * | * | * |
| Felixstowe | 71 | 60 | 54 | - | Tr | 9·3 |
| Gorleston | 66 | 58 | 55 | — | Tr | 4·9 |
| Mildenhall | 80 | 55 | 51 | - | — | 9·3 |
| Bircham Newton | 77 | 55 | 47 | — | — | * |
| Cranwell | 74 | 55 | 49 | — | — | 4·2 |
| Cranfield | 75 | 53 | 47 | - | — | * |
| Honiley | 75 | 51 | 45 | - | — | * |
| Little Rissington | * | 55 | 49 | — | — | * |
| Shobden | 72 | 46 | 41 | — | — | * |
| Bristol | 73 | 51 | 49 | - | Tr | 8·9 |
| Chivenor | 67 | 48 | 43 | - | — | * |
| Yeovilton | 72 | 46 | 42 | - | — | * |
| Portland Bill | 68 | 59 | * | - | - | * |
| Exeter | 73 | 50 | 39 | - | - | * |
| Plymouth | 71 | 52 | 41 | - | — | 12·0 |
| St. Eval | 65 | 53 | 43 | Tr | Tr | * |
| The Lizard | 69 | 53 | * | - | — | 10·3 |
| Scilly, St. Marys | 66 | 55 | * | — | — | 11·5 |
| Fairwood | * | 47 | 40 | - | — | * |
| Pembroke | 66 | 56 | * | - | — | 11·4 |
| Aberporth | 63 | 51 | 44 | - | — | 12·5 |
| Penrhos | 67 | 47 | | - | — | * |
| Holyhead, Valley | 67 | 57 | 50 | - | — | * |
| Hawarden | 70 | 47 | 41 | — | — | 3·7 |
| Manchester | 71 | 47 | 47 | — | — | * |
| Squires Gate | 67 | 54 | 46 | — | — | * |
| Silloth | 67 | 57 | 48 | - | Tr | * |
| Ashbourne | 73 | 48 | 41 | — | — | * |
| Snaith | 77 | 51 | * | Tr | — | * |
| Spurn Head | 71 | 58 | * | — | — | 7·7 |
| Catterick (Sc.) | 73 | 51 | 50 | Tr | Tr | 4·2 |
| Tynemouth | 62 | 55 | 53 | - | — | |
| Acklington | 65 | 52 | * | 0·2 | — | * |
| St. Abb's Head | 57 | 53 | * | Tr | Tr | * |
| Leuchars | 61 | 53 | 48 | Tr | — | 0·3 |
| Montrose | 59 | 50 | 43 | Tr | — | * |
| Abbotsinch | 71 | 53 | 45 | Tr | Tr | 5·4 |
| Prestwick | 70 | 56 | 52 | Tr | 0·1 | * |
| West Freugh | 69 | 55 | 51 | — | Tr | * |
| Eskdalemuir | 68 | 49 | 41 | Tr | — | 2·9 |
| Jurby, I. of Man | 67 | 51 | 46 | - | — | * |
| Machrihanish | 68 | 55 | 54 | — | 2 | * |
| Tiree | 64 | 53 | 53 | — | 12 | 10·5 |
| Oban | 65 | 53 | * | — | | * |
| Stornoway | 66 | 53 | 52 | Tr | 9 | 4·8 |
| Cape Wrath | 66 | 55 | * | - | 9 | * |
| Dalwhinnie | 69 | 52 | 49 | - | — | 10·9 |
| Aberdeen† | 61 | 54 | 50 | — | Tr | 0·3 |
| Fraserburgh | 65 | 52 | 50 | - | — | * |
| Alness | 75 | 52 | 43 | - | Tr | * |
| Wick | 64 | 56 | 50 | - | 1 | * |
| Hatston | * | * | * | * | * | * |
| Sumburgh | 59 | 52 | 51 | — | Tr | |
| Sullom Voe | 64 | 53 | 51 | - | Tr | * |
| Blacksod Point | 65 | 57 | * | Tr | 10 | * |
| Malin Head | 67 | 54 | * | - | 3 | 10·7 |
| Aldergrove | 71 | 54 | 51* | Tr | 0·6 | 12·5 |
| Cas. Archdale | 71 | 54 | 53 | - | 4 | * |
| Birr Castle | 73 | 53 | 48 | - | Tr | 10·6 |
| Collinstown | 70 | 54 | 48 | - | 0·4 | 12·0 |
| Foynes | 65 | 53 | 50 | - | 1 | 10·2 |
| Valentia | 65 | 57 | 53 | — | 4 | 9·7 |
| Roches Point | 67 | 55 | * | — | 0·1 | * |

Minimum Temperatures and Rainfall Read at 0700 G.M.T. Station 103 Read at 0700 G.M.T.

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil   1 = Trace   2 = 1/10   3 = 1/4   4 = 1/2   5 = 3/4   6 = 9/10   7 = More than 9 but with openings.   8 = Completely covered.   9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th. Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

# BRITISH SECTION — THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Monday 28th August 1944

No. 30230

## OBSERVATIONS at 12h. G.M.T. August 27th

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Amount Total 0-9 (12) | Amount Low A. 0-9 (13) | Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 19·2 | -12 | SW | 2 | b | 71 | 55 | 7 | 5 | 3 | - | 2 | 1 | 2 | 31 | - |
| | Croydon | 19·0 | -14 | WSW | 2 | b | 75 | 55 | 8 | - | 7 | - | 2 | 2 | - | 120 | - |
| | Boscombe Down | 18·2 | -10 | SSW | 2 | b | 71 | 54 | 8 | 1 | - | 9 | 1 | 1 | 1 | 20 | - |
| | Thorney Island | 19·6 | -6 | SW | 3 | b | 78 | 58 | 8 | - | 3 | - | 2 | 2 | - | - | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 19·3 | -10 | SSE | 1 | b-bc | 75 | 61 | 7 | 1 | - | 3 | 3 | 3 | 3 | 20 | - |
| | Manston | 19·4 | -8 | NW | 1 | z | 73 | 61 | 5 | 1 | - | - | 4 | 4 | - | 40 | - |
| 2 | North Weald | 18·5 | -16 | W | 2 | z | 72 | 57 | 6 | - | - | 1 | 1 | 1 | - | 200 | - |
| | Felixstowe | 19·2 | -12 | W | 1 | b-bc | 77 | 61 | 7 | 1 | - | - | 3 | 3 | - | 30 | - |
| | Gorleston | 18·0 | -12 | W | 1 | bc | 75 | 60 | 7 | 1 | - | - | 4 | 4 | - | 20 | - |
| | Mildenhall | 17·9 | -14 | WSW | 3 | bc | 74 | 58 | 7 | 1 | 4 | - | 4 | 3 | 3 | 30 | - |
| | Bircham Newton | 17·4 | -20 | WSW | 4 | z | 72 | 56 | 6 | 1 | 8 | 8 | 4 | 1 | 2 | 35 | - |
| | Cranwell | 17·1 | -18 | SW | 3 | bc | 71 | 57 | 7 | - | 3 | 2 | 4 | 4 | 3 | - | - |
| 3 | Cranfield | 18·5 | -16 | SSW | 3 | b-bc | 69 | 56 | 7 | 1 | 3 | - | 3 | 1 | 3 | 30 | - |
| | Honiley | 18·0 | -20 | SW | 4 | c | 69 | 52 | 9 | 5 | 7 | 6 | 6 | 2 | 3 | 50 | - |
| 4 | Little Rissington | 18·2 | -18 | SSW | 3 | bc | 69 | 53 | 7 | - | 3 | 9 | 4 | 2 | 3 | 100 | - |
| | Shobden | 18·9 | -12 | WSW | 4 | cbc | 67 | 52 | 9 | 1 | 7 | 6 | 5 | 4 | 4 | 25 | - |
| 5 | Bristol | 20·4 | -8 | SW | 3 | b | 69 | 57 | 8 | 1 | 4 | - | 2 | 1 | 2 | 30 | - |
| | Chivenor | 20·3 | -2 | WSW | 3 | c.bc | 68 | 57 | 9 | 1 | 7 | - | 5 | 3 | 5 | 18 | - |
| | Yeovilton | 20·1 | -14 | SW'W | 2 | bc | 69 | 56 | 8 | 1 | 4 | - | 4 | 4 | 3 | 30 | - |
| | Portland Bill | 20·9 | -2 | NW | 2 | b.bc | 63 | 60 | 8 | 1 | - | - | 3 | 3 | - | 50 | - |
| | Exeter | 20·4 | -12 | - | 0 | c.bc | 69 | 58 | 8 | 1 | 4 | - | 5 | 5 | 2 | 25 | - |
| | Plymouth | 21·3 | -6 | SSW | 3 | bc | 64 | 59 | 8 | 1 | - | 5 | 4 | 3 | - | 25 | - |
| | St. Eval | 20·9 | -6 | WSW | 3 | c.bc | 65 | 58 | 9 | 1 | 7 | 9 | 5 | 2 | 4 | 20 | - |
| | The Lizard | 21·3 | -2 | W | 2 | c.bc | 67 | 57 | 8 | 7 | 4 | 2 | 5 | 4 | 2 | 30 | 57 |
| | Scilly, St. Marys | 21·2 | -16 | SW | 3 | bc | 68 | 58 | 8 | 5 | 4 | 3 | 4 | 3 | 3 | 20 | 57 |
| 6 | Fairwood | 19·8 | -8 | SSW | 4 | c | 66 | 56 | 9 | 5 | 3 | - | 6 | 5 | 2 | 14 | 25 |
| | Pembroke | 18·9 | -2 | SW'S | 4 | c | 63 | 59 | 8 | 8 | - | - | 6 | 6 | - | 20 | - |
| | Aberporth | 18·1 | -14 | SW'S | 4 | c | 63 | 54 | 9 | 7 | 7 | - | 7 | 3 | 4 | 20 | 57 |
| 7 | Penrhos | 17·5 | -2 | SSW | 4 | c | 63 | 58 | 8 | 5 | - | - | 8 | 3 | 8 | 14 | 40 |
| | Holyhead, Valley | 17·8 | -6 | SSW | 5 | c/r | 61 | 58 | 8 | 5 | - | - | 8 | 3 | 8 | 15 | 40 |
| | Hawarden | 17·7 | -6 | SSW | 3 | ir | 64 | 58 | 8 | 5 | 2 | - | 7 | 1 | 7 | 20 | - |
| 8 | Manchester | 17·0 | -14 | W'S | 4 | c.bc | 67 | 51 | 9 | 1 | 8 | 2 | 5 | 3 | 5 | 30 | - |
| | Squires Gate | 16·7 | -10 | WSW | 5 | c | 63 | 54 | 8 | 7 | - | - | 7 | 3 | 7 | 16 | 57 |
| | Silloth | 14·6 | -30 | SSW | 6 | rr | 57 | 55 | 5 | 6 | 2 | - | 8 | 5 | 8 | 12 | 25 |
| 9 | Ashbourne | 17·6 | -18 | SSW | 3 | c.bc | 67 | 54 | 8 | 1 | 4 | 2 | 5 | 1 | 4 | 30 | - |
| | Snaith | 16·5 | -18 | W | 4 | c | 69 | 50 | 8 | 5 | 7 | 6 | 7 | 2 | 5 | 30 | - |
| 10 | Spurn Head | 16·5 | -18 | SW'W | 4 | c.bc | 71 | 54 | 7 | 7 | 3 | - | 5 | 4 | 3 | 15 | 72 |
| | Catterick (Sc.) | 16·2 | -18 | SW'S | 5 | c | 63 | 50 | 8 | 8 | 7 | 2 | 6 | 2 | 4 | 25 | 40 |
| | Tynemouth | 14·6 | -10 | SW | 6 | z | 64 | 51 | 6 | 2 | 3 | - | 5 | 4 | 3 | 25 | - |
| | Acklington | 13·4 | -22 | SSW | 6 | c | 64 | 51 | 8 | 5 | 9 | 1 | 7 | 2 | 4 | 12 | 40 |
| 11 | St. Abb's Head | 10·9 | -14 | SSW | 6 | c | 64 | 49 | 9 | 7 | 5 | - | 6 | 4 | 3 | 25 | 40 |
| | Leuchars | 10·4 | +14 | SW | 5 | rr | 60 | 55 | 6 | 5 | - | - | 8 | 3 | 8 | 15 | 15 |
| | Montrose | | | SW | 4 | c | 60 | 56 | 7 | 5 | 7 | - | 8 | 6 | 8 | 15 | - |
| 12 | Abbotsinch | 11·1 | -6 | SW | 4 | d.d | 58 | 56 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 25 |
| | Prestwick | 12·3 | -4 | SW'S | 5 | c/r | 58 | 55 | 6 | 6 | 2 | - | 8 | 4 | 6 | 4 | 8 |
| | West Freugh | 13·5 | -8 | SSW | 4 | rr | 57 | 56 | 5 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Eskdalemuir | 13·4 | -6 | SSW | 4 | rr | 55 | 53 | 4 | - | 2 | - | 8 | 8 | - | 7 | - |
| | Jurby, I. of Man | 15·0 | -10 | SSW | 5 | id | 60 | 55 | 8 | 5 | 7 | - | 8 | 3 | 7 | 12 | 25 |
| 13A | Machrihanish | 11·2 | -6 | SW | 4 | c | 62 | 58 | 7 | 5 | 7 | - | 7 | 3 | 5 | 10 | 25 |
| | Tiree | 10·4 | +12 | W'S | 3 | bc | 61 | 53 | 8 | 1 | 4 | 2 | 4 | 3 | 3 | 25 | - |
| | Oban | 10·0 | -4 | SW | 4 | c/d | 61 | 60 | 8 | 5 | 7 | - | 7 | 1 | 6 | 4 | 15 |
| 13B | Stornoway | 05·9 | +2 | SW | 5 | c.bc | 63 | 51 | 8 | 8 | - | - | 5 | 4 | 5 | 18 | 25 |
| | Cape Wrath | 05·7 | +4 | SW | 4 | bc | 58 | 52 | 8 | 8 | 4 | - | 4 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 09·0 | -6 | SW | 4 | c/r | 57 | 52 | 7 | 5 | - | - | 7 | 7 | - | 18 | - |
| | Aberdeen | 09·0 | -12 | SSW | 4 | ir | 60 | 51 | 7 | 5 | 7 | - | 7 | 1 | 4 | 15 | 40 |
| | Fraserburgh | 08·5 | -6 | SSW | 4 | c | 60 | 53 | 8 | 5 | 7 | - | 8 | 4 | 8 | 20 | - |
| | Alness | 06·7 | -8 | W | 4 | d.d | 52 | 50 | 6 | 5 | - | - | 7 | 7 | - | 10 | - |
| | Wick | 06·3 | -8 | SW | 3 | rr | 60 | 57 | 6 | 8 | - | - | 8 | 3 | 8 | 8 | 15 |
| 16 | Hatston | 05·6 | 0 | W | 4 | bc/d | 61 | 54 | 8 | 7 | - | - | 4 | 3 | 4 | 9 | 40 |
| | Sumburgh | 02·7 | -10 | SW | 6 | c/d | 55 | 53 | 6 | 5 | 7 | - | 8 | 1 | 3 | 8 | 15 |
| | Sullom Voe | 03·4 | -14 | SW | 5 | c/r | 56 | 54 | 6 | 5 | 2 | - | 7 | 4 | 7 | 4 | - |
| 17 | Blacksod Point | 12·3 | -8 | W'S | 3 | c | 61 | 56 | 7 | 5 | - | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head | 16·6 | +6 | W | 3 | c | 59 | 54 | 8 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Aldergrove | 12·5 | -10 | SSW | 4 | c | 55 | 57 | 8 | - | - | - | 8 | 8 | - | 13 | - |
| | Cas. Archdale | 12·9 | -4 | SW | 3 | c | 63 | 60 | 8 | 5 | 7 | - | 8 | 1 | 5 | 8 | 15 |
| 19 | Birr Castle | 13·2 | -14 | SSW | 3 | c | 65 | 61 | 8 | 5 | 2 | - | 8 | 5 | - | 15 | - |
| | Collinstown | 14·1 | -16 | SW | 4 | id | 55 | 57 | 7 | 5 | 2 | - | 8 | 5 | - | 12 | - |
| 20 | Foynes | 13·8 | -10 | SSW | 4 | id | 65 | 60 | 7 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Valentia | 14·2 | -18 | SW'S | 5 | ir | 63 | 62 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| | Roches Point | 16·6 | -10 | SW | 4 | dd | 61 | 60 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |

## OBSERVATIONS at 18h. G.M.T. August 27th

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A. 0-9 (29) | Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 15·9 | -10 | WSW | 2 | c | 73 | 54 | 8 | 5 | 3 | 6 | 5 | 4 | 2 | 31 | - | 1 | * |
| Croydon | 16·3 | -10 | SSW | 3 | bc | 72 | 56 | 9 | - | 4 | 6 | 5 | 1 | 5 | - | - | 0 | * |
| Boscombe Down | 17·2 | -14 | SW'S | 3 | bc | 68 | 56 | 8 | - | 7 | 6 | 5 | 4 | 5 | 11 | - | 0 | * |
| Thorney Island | 17·3 | -8 | SW'W | 3 | c | 68 | 58 | 8 | - | 3 | 6 | 6 | 3 | 5 | 85 | - | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 17·5 | -6 | SSW | 3 | bc | 66 | 57 | 8 | - | - | 4 | 3 | 6 | - | 98 | - | 0 | § |
| Manston | 16·8 | -14 | SSW | 3 | bc | 72 | 59 | 7 | - | - | 4 | 3 | 3 | - | - | - | 0 | * |
| North Weald | 16·0 | -8 | WSW | 2 | c | 73 | 54 | 7 | - | 4 | 5 | 5 | 2 | 5 | - | - | 0 | * |
| Felixstowe | 17·2 | -14 | S'E | 3 | z | 70 | 63 | 6 | - | - | 6 | 4 | 4 | - | 94 | - | 0 | 3 |
| Gorleston | 16·0 | -10 | NW | 1 | z | 76 | 54 | 6 | 5 | 7 | - | 5 | 3 | 4 | 30 | 72 | 0 | 2 |
| Mildenhall | 15·2 | -14 | W'S | 2 | c | 73 | 58 | 8 | - | 8 | 6 | 5 | 4 | 5 | 79 | - | 0 | * |
| Bircham Newton | 15·3 | -8 | W | 2 | c | 68 | 57 | 9 | - | 9 | - | 7 | 7 | - | - | - | 0 | * |
| Cranwell | 14·9 | -10 | W'S | 2 | c | 64 | 55 | 7 | 5 | 7 | - | 7 | 3 | 7 | 50 | - | 0 | * |
| Cranfield | 16·4 | -10 | W | 3 | c | 68 | 55 | 8 | - | 7 | 2 | 5 | 4 | 5 | 78 | - | 0 | * |
| Honiley | 15·2 | -12 | SW'W | 4 | c | 66 | 51 | 8 | 6 | 3 | - | 7 | 1 | 7 | 35 | - | 0 | * |
| Little Rissington | 15·7 | -8 | WSW | 4 | c | 65 | 56 | 9 | - | 9 | 6 | 6 | 5 | 5 | 79 | - | 0 | * |
| Shobden | 15·5 | -20 | SW | 4 | c | 63 | 54 | 9 | 7 | 7 | 8 | 7 | 2 | 5 | 25 | 57 | 0 | * |
| Bristol | 17·2 | -14 | W | 2 | c | 64 | 57 | 8 | 4 | 7 | 9 | 5 | 1 | 5 | 30 | - | 0 | * |
| Chivenor | 17·0 | -18 | WSW | 4 | c | 63 | 56 | 8 | 4 | 7 | 0 | 6 | 1 | 6 | 18 | - | 0 | * |
| Yeovilton | 16·9 | -14 | SW'S | 3 | c | 67 | 56 | 8 | 8 | 3 | 6 | 5 | 4 | 3 | 25 | - | 0 | * |
| Portland Bill | 17·6 | -12 | SW | 3 | c | 63 | 60 | 8 | 2 | 4 | - | 5 | 4 | 5 | 50 | 72 | 1 | 3 |
| Exeter | 17·0 | -18 | WSW | 3 | c | 70 | 58 | 8 | 1 | 7 | 6 | 4 | 2 | 3 | 25 | 72 | 0 | * |
| Plymouth | 18·1 | -14 | WSW | 4 | bc | 63 | 57 | 8 | 4 | 5 | 9 | 5 | 2 | 3 | 25 | - | 0 | 3 |
| St. Eval | 17·8 | -14 | WSW | 4 | c | 63 | 57 | 9 | 1 | 7 | 9 | 6 | 2 | 5 | 20 | - | 0 | * |
| The Lizard | 18·2 | -12 | WSW | 3 | c | 64 | 59 | 8 | 8 | 3 | 4 | 5 | 4 | 3 | 25 | 57 | 0 | 3 |
| Scilly, St. Marys | 17·6 | -20 | SW'S | 4 | c | 63 | 56 | 8 | 8 | 7 | 5 | 7 | 4 | 3 | 18 | 57 | 0 | 3 |
| Fairwood | 16·8 | -16 | WSW | 5 | c | 63 | 57 | 8 | 5 | 7 | - | 7 | 4 | 4 | - | 57 | 0 | * |
| Pembroke | 15·9 | -20 | SW'S | 4 | cq | 62 | 60 | 8 | 8 | 6 | - | 7 | 3 | 3 | 25 | - | 0 | 3 |
| Aberporth | 14·8 | -26 | SSW | 4 | c/r | 61 | 57 | 4 | 5 | 7 | - | 8 | 3 | 8 | 10 | - | 1 | 2 |
| Penrhos | 13·4 | -26 | SSW | 5 | c | 61 | 56 | 8 | 5 | - | - | 8 | 1 | 4 | 17 | 40 | 1 | 3 |
| Holyhead, Valley | 12·7 | -34 | SSW | 7 | ido | 60 | 58 | 6 | 6 | 2 | - | 8 | 6 | 8 | 6 | 15 | 1 | 6 |
| Hawarden | 13·7 | -24 | SE | 2 | c/r | 61 | 57 | 7 | 5 | - | - | 8 | 5 | 8 | 15 | 25 | 1 | * |
| Manchester | 14·6 | -18 | SSW | 3 | roro | 60 | 58 | 6 | 5 | 2 | - | 8 | 4 | 8 | 25 | 40 | 1 | * |
| Squires Gate | 13·0 | -24 | SSW | 4 | ido | 60 | 56 | 6 | 6 | 2 | - | 8 | 3 | 4 | 10 | 25 | 1 | * |
| Silloth | 11·2 | -28 | SSW | 6 | ido | 59 | 59 | 5 | 6 | 2 | - | 8 | 5 | 8 | 7 | 15 | 1 | * |
| Ashbourne | 15·1 | -20 | SSW | 3 | iro | 63 | 54 | 7 | 5 | 7 | - | 7 | 4 | 7 | 40 | - | 0 | * |
| Snaith | 14·7 | -8 | WSW | 2 | c/r | 60 | 54 | 7 | 5 | 7 | - | 7 | 2 | 4 | 20 | 40 | 1 | * |
| Spurn Head | 15·2 | -6 | W | 4 | bcq | 65 | 51 | 7 | 7 | 3 | - | 6 | 5 | 3 | - | 72 | 0 | 3 |
| Catterick (Sc.) | 13·5 | -18 | S'W | 3 | c | 59 | 54 | 8 | 5 | 7 | - | 7 | 4 | 5 | 20 | 72 | 1 | * |
| Tynemouth | 12·7 | -10 | SW | 4 | c | 60 | 54 | 7 | 8 | - | - | 6 | 6 | - | 24 | - | 1 | 2 |
| Acklington | 11·7 | -12 | SSW | 3 | c | 59 | 55 | 8 | 5 | 9 | 1 | 7 | 3 | 2 | 8 | 40 | 1 | * |
| St. Abb's Head | 09·5 | 0 | SW | 4 | c | 59 | 53 | 9 | 4 | 7 | - | 7 | 3 | 5 | 15 | - | 0 | 3 |
| Leuchars | 08·1 | -14 | SW | 3 | zo | 61 | 55 | 6 | 5 | 7 | - | 7 | 3 | 7 | 25 | - | 1 | * |
| Montrose | | | SW | 2 | c | 62 | 55 | 7 | 8 | 7 | 1 | 7 | 3 | 4 | 25 | 25 | 0 | * |
| Abbotsinch | 08·9 | -10 | SW | 2 | iro | 60 | 57 | 6 | 5 | 2 | - | 8 | 4 | 5 | 15 | 15 | 1 | * |
| Prestwick | 09·4 | -22 | S'W | 3 | c | 60 | 58 | 7 | 5 | 2 | - | 8 | 5 | 6 | 10 | 15 | 1 | * |
| West Freugh | 09·8 | -28 | SSW | 3 | roro | 58 | 58 | 5 | 5 | 2 | - | 8 | 6 | 8 | 1 | 8 | 1 | * |
| Eskdalemuir | 09·8 | -18 | S'W | 3 | roro | 56 | 55 | 4 | - | 2 | - | 8 | 8 | - | 2 | - | 0 | * |
| Jurby, I. of Man | 10·6 | -30 | S'W | 4 | ido | 59 | 58 | 6 | 5 | 7 | - | 8 | 3 | 6 | 8 | 15 | 1 | * |
| Machrihanish | 09·0 | -22 | - | 0 | iro | 59 | 57 | 7 | 5 | 2 | - | 8 | 3 | 5 | 8 | 25 | 1 | 0 |
| Tiree | 09·4 | -10 | SSW | 2 | c | 58 | 55 | 8 | 5 | 7 | - | 5 | 3 | 5 | 10 | 40 | 1 | 1 |
| Oban | 09·2 | -10 | SW | 2 | c/r | 56 | 54 | 8 | 5 | 2 | - | 8 | 3 | 8 | 20 | - | 1 | 2 |
| Stornoway | 05·7 | +2 | WSW | 3 | c/pr | 57 | 54 | 8 | 8 | - | 1 | 7 | 3 | 7 | 10 | 25 | 1 | 2 |
| Cape Wrath | 05·4 | -2 | W | 3 | propr | 54 | 52 | 8 | 8 | 7 | - | 7 | - | 0 | - | - | 1 | 4 |
| Dalwhinnie | 08·2 | -2 | S | 1 | c | 55 | 49 | 7 | 5 | 2 | - | 8 | 5 | 8 | 20 | 72 | 1 | * |
| Aberdeen | 07·7 | -6 | SSW | 2 | c | 62 | 57 | 8 | 5 | 7 | - | 7 | 4 | 4 | - | 57 | 0 | 2 |
| Fraserburgh | 07·7 | +6 | - | 0 | cjp | 60 | 57 | 9 | 8 | 7 | 9 | 7 | 2 | 6 | 10 | 25 | 0 | 0 |
| Alness | 06·8 | -2 | WSW | 4 | c | 61 | 49 | 8 | 5 | - | 6 | 7 | 5 | 7 | 30 | - | 1 | * |
| Wick | 06·1 | -2 | WSW | 3 | bc | 61 | 48 | 9 | 4 | 3 | 4 | 7 | 4 | 1 | 75 | - | 0 | * |
| Hatston | 05·1 | -2 | SW'W | 5 | cbcjp | 59 | 50 | 8 | 5 | - | - | 5 | 4 | 5 | 15 | 40 | * | * |
| Sumburgh | 04·4 | 0 | SW | 3 | bc | 55 | 52 | 8 | 1 | 3 | - | 4 | 1 | 4 | 20 | - | 1 | 4 |
| Sullom Voe | 03·4 | -4 | SW | 4 | c | 57 | 52 | 7 | 2 | 3 | - | 5 | 3 | 2 | 10 | 15 | 0 | * |
| Blacksod Point | 07·5 | -32 | - | 0 | rr | 57 | 55 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - | 1 | 2 |
| Malin Head | 08·1 | -14 | S | 1 | rr | 56 | 54 | 7 | - | 2 | - | 8 | 8 | - | 8 | - | 1 | 1 |
| Aldergrove | 08·1 | -34 | SE | 2 | roro | 60 | 60 | 6 | 5 | 7 | - | 8 | 2 | 4 | 9 | 15 | 1 | * |
| Cas. Archdale | 08·1 | -38 | N | 3 | rr | 58 | 58 | 5 | 5 | 2 | - | 8 | 6 | - | 12 | - | 1 | * |
| Birr Castle | 07·7 | -32 | SW | 2 | c | 63 | 62 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - | 0 | * |
| Collinstown | 09·4 | -26 | SSW | 4 | roro | 61 | 59 | 8 | 6 | 2 | - | 8 | 4 | - | 15 | - | 1 | * |
| Foynes | 08·6 | -30 | WSW | 3 | iro | 64 | 62 | 6 | 5 | 2 | - | 8 | 7 | - | 25 | - | 1 | * |
| Valentia | 09·9 | -26 | SW'S | 4 | roro | 63 | 62 | 5 | 6 | - | - | 8 | 8 | - | 4 | - | 1 | 4 |
| Roches Point | 11·4 | -32 | SSW | 5 | dd | 62 | 61 | 6 | 5 | - | - | 8 | 8 | - | 4 | - | 1 | 4 |

## PAST 24 HOURS — WEATHER

| Stations | 06h.–12h. 27th (41) | 12h.–18h. 27th (42) | 18h. to 00h. 27th (43) | 00h.–06h. 28th (44) |
|---|---|---|---|---|
| Kew | bz.wby | bbccy | bybcc | c |
| Croydon | by | bybcy | bcbbcmo | bccm |
| Boscombe Down | bzbby | bybcy b | bccwcmw | crocr |
| Thorney Island | b | bbyc | bcmoc | cmc |
| Friston | | | | |
| Lympne | bcm.b | byv | bbmow | bmobcm |
| Manston | bmbczo | bczoyby | bcb | bbccmo |
| North Weald | bcfcmo | bzby bcyd | cybezo | bczocz o |
| Felixstowe | bcbcmo | bcybcz | bbcwmo | bmobcc |
| Gorleston | bczo | bcczo | bczo | c |
| Mildenhall | cmbcmob | cbcycyc | cbc | bccirocf |
| Bircham Newton | bcfemo | zobcyv | bccw | cwiromo |
| Cranwell | bcmozob | cbccyc | cmoido | rrcmo |
| Cranfield | bcfgbmob | bcyc | bc | cir crr |
| Honiley | bcfgbc | cyc | cyidoiro | cRRmo |
| Little Rissington | bm.bbc | cyc | c | crrdd |
| Shobden | bcwcyv | cyrcv | cvciro | crorom oc |
| Bristol | bmowc | bcycc | c | crorbc |
| Chivenor | Fbcifmoc | cbcc | cciro | crrmbcc |
| Yeovilton | fbzbc | bcc | bczoc | mrc |
| Portland Bill | bc | bcc | c | cpr |
| Exeter | bcmff | c | c | rrorc |
| Plymouth | bwbc | bc | c | cromrrmbc |
| St. Eval | bcfgcbc | bcc | c | cidorrbc |
| The Lizard | bc | bcc | c | crrbc |
| Scilly, St. Marys | cbc | cbcc | cido | idocbc |
| Fairwood | c | c | cirorc | cRormmc |
| Pembroke | c | cprog | Rrrrq | bccq |
| Aberporth | bcepirc | ccporbiroc | * | c |
| Penrhos | ccroc | ccroroc | crororrmo | cproc |
| Holyhead, Valley | ciroc | mociro | crororro | ororoRcpro |
| Hawarden | bcciro | crrmocr | cirormrrmo | rrmoc |
| Manchester | bcmozob | crrroro | rororrmo | rorrmoc |
| Squires Gate | bcirroro | croromo | cido rrmo | crorocmo |
| Silloth | ciro | crrmid | cidomoRRRm | cRRmocr |
| Ashbourne | bcmobc | cvycvir | crorormo | rrRromo |
| Snaith | bcmbmozob | bzyrc | crrormo | c |
| Spurn Head | c | procq | omoiro | cqrr |
| Catterick (Sc.) | bccy | ciroz | cRR | crRmo |
| Tynemouth | bccm | cprc | cpooir | orromo |
| Acklington | cmociroc | cyciroc | ccmorr | crmorr |
| St. Abb's Head | c | cproc | crorrorm | frrofcmo |
| Leuchars | cciromo | croroczo | cmocrrmo | coRRmorrmo |
| Montrose | bc | croroc | ccrrmo | crrmocroro |
| Abbotsinch | irododomo | cdomocir | crrRR | cRRcrorom o |
| Prestwick | cidocrrmo | ciroroc | ccrrmo | crorormo |
| West Freugh | cwirorom | crrmoccr | orrcroromo | omororr |
| Eskdalemuir | cmowcrm | orrmom | ororoRRF | ofRRcir |
| Jurby, I. of Man | cirocidoro | cdodomo | crrmcmdrr | rrirocidciro |
| Machrihanish | irddrc | crrrir | irrrir | rirrir |
| Tiree | cdodocmoc | ccproc | cidorrmo | cmobcc |
| Oban | cdrddmoc | croroc | cmorr | cmororo |
| Stornoway | crombc | bccpro | cprocbc | bccbcw |
| Cape Wrath | cprcbc | cpor | cproc | bcc |
| Dalwhinnie | cir | cidoro | * | orr |
| Aberdeen | ciro | c | crr | crroro |
| Fraserburgh | crorc | ccroporc | c | cromo |
| Alness | cirodom | cdodomo | c | ciroc |
| Wick | ciroRR | cbc | bcc | c |
| Hatston | rdbc | pbcc | c | bcc |
| Sumburgh | rorobc | cbc | bc | bcc |
| Sullom Voe | cirom | cproc | cbccprbc | bc |
| Blacksod Point | c | r | r | pr |
| Malin Head | c | r | d | pr |
| Aldergrove | rorododo | ccirorom | crrmroro | RRmrorom o |
| Cas. Archdale | croroc | cirocrr | cprirmo | crrmo |
| Birr Castle | r | r | * | r |
| Collinstown | d | r | r | r |
| Foynes | d | d | pr | bc |
| Valentia | r | r | bc | b |
| Roches Point | d | d | r | bc |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil 1=Trace 2=1/10 3=1/4 4=1/2 5=3/4 6=9/10 7=More than 9 but with openings. 8=Completely covered. 9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A=Lowest cloud present. B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

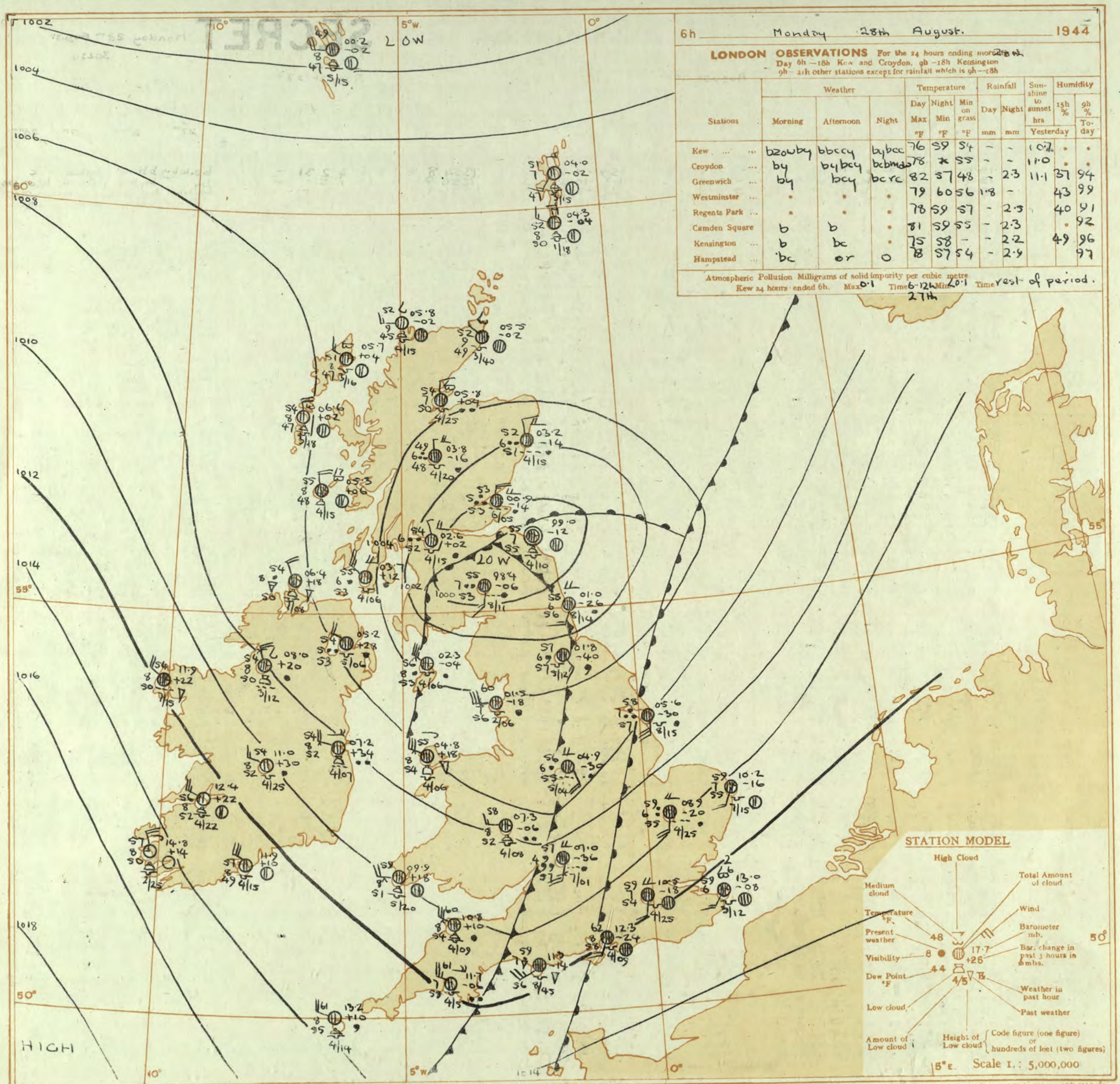
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Monday 28th August. 1944

**LONDON OBSERVATIONS** For the 24 hours ending morn 28th
Day 6h – 18h Kew and Croydon, 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % To-day |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | bzowby | bbccy | bybcc | 76 | 59 | 54 | – | – | 10.7 | • | • |
| Croydon ... | by | bybcy | bcbmdb | 78 | * | 55 | – | – | 11.0 | • | • |
| Greenwich ... | by | bcy | bcrc | 82 | 57 | 48 | – | 2.3 | 11.1 | 37 | 94 |
| Westminster ... | • | • | • | 79 | 60 | 56 | 1.8 | – | | 43 | 99 |
| Regents Park ... | • | • | • | 78 | 59 | 57 | – | 2.3 | | 40 | 91 |
| Camden Square | b | b | • | 81 | 59 | 55 | – | 2.3 | | • | 92 |
| Kensington ... | b | bc | • | 75 | 58 | – | – | 2.2 | | 49 | 96 |
| Hampstead ... | bc | or | o | 78 | 57 | 54 | – | 2.9 | | | 97 |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max 0.1 Time 6-12h Min 0.1 Time rest of period.
27th



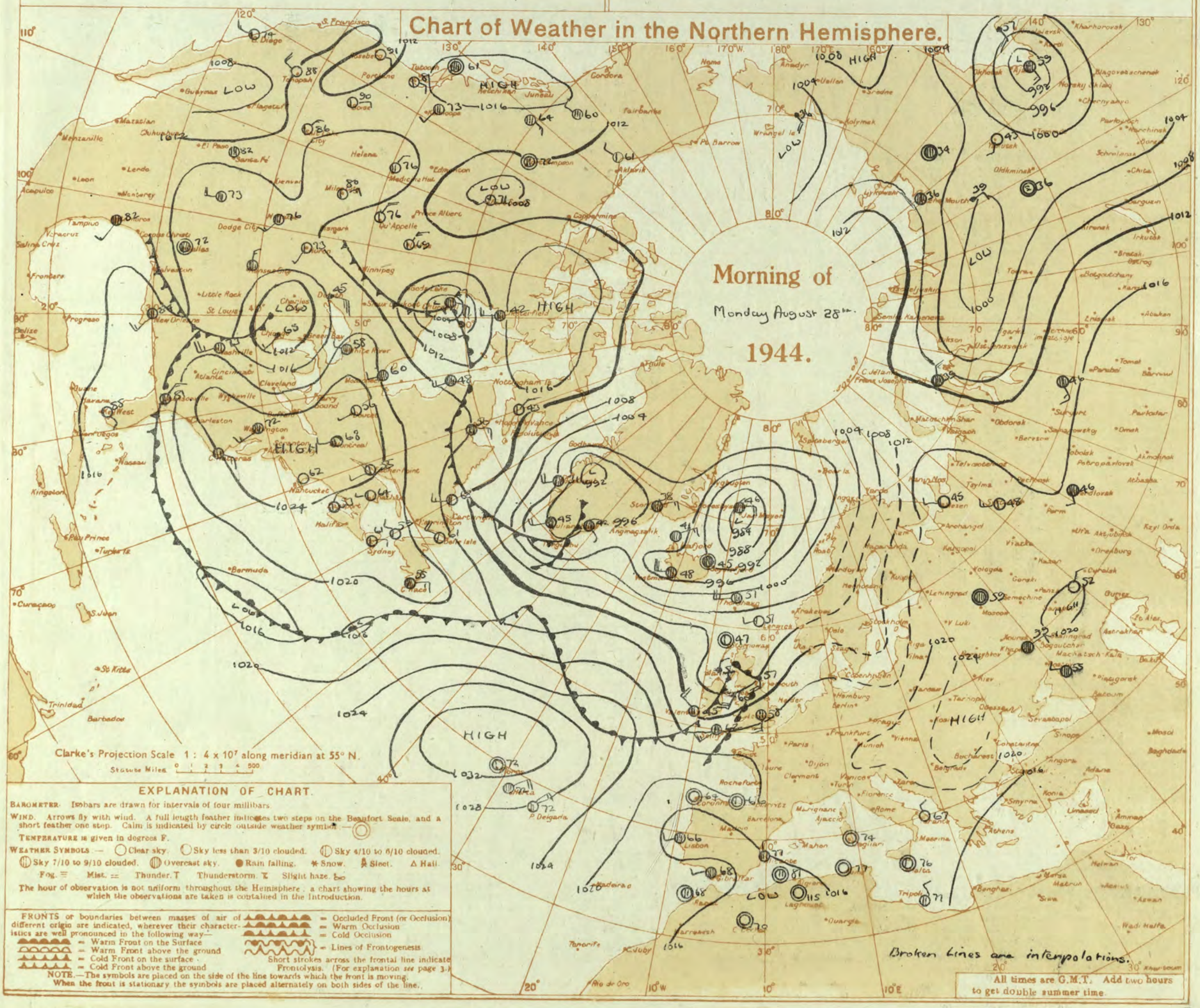

H.M.S.O. Press, M.O., Dunstable.

## GENERAL INFERENCE

A depression centred over South Scotland is moving Eastnortheast. There will be general rain in East Scotland at first, soon spreading to Northeast England, but a clearance will spread from west later. In other districts weather will be mainly fair with some bright periods but with a few scattered showers. It will be generally rather cool.

## FURTHER OUTLOOK

Unsettled westerly type continuing, but probably only small amounts of rain in the South.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.— Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Monday 28th August, 1944

No. 30230

## OBSERVATIONS at 00hr. G.M.T. 28th August

| District | Stations | Height above M.S.L. in feet | Barom at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc (3) | Wind Force (4) | Weather (5) | Temp °F (6) | Dew Point °F (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A. 0–9 (13) | Cloud Amount Low B. 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | * | * | * | * | 62 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 14·5 | -18 | S | 3 | 2o | 58 | 54 | 6 | - | 3 | - | 4 | 4 | - | - | - |
| | Boscombe Down | 417 | 15·4 | -14 | SSW | 3 | 2o | 56 | 56 | 6 | 5 | 7 | 1 | 4 | 4 | 4 | 2 | - |
| | Thorney Island | 10 | 16·1 | -10 | SW | 2 | b-bc | 60 | 58 | 7 | 5 | - | 9 | 3 | 2 | 3 | 20 | - |
| | Friston | - | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 15·9 | -18 | W | 2 | b | 58 | 57 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Manston | 140 | 16·2 | -6 | SW'W | 3 | b | 59 | 55 | 7 | - | 3 | - | 1 | 1 | - | - | - |
| 2 | North Weald | 244 | 13·9 | -18 | SSW | 2 | 2o | 59 | 53 | 6 | - | 7 | - | 3 | 3 | - | - | - |
| | Felixstowe | 10 | 14·5 | -14 | SW'S | 3 | 2o | 63 | 60 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Gorleston | 5 | 13·5 | -18 | SW | 1 | 2o | 64 | 57 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Mildenhall | 15 | 12·6 | -24 | S'W | 3 | bc | 62 | 56 | 7 | - | 7 | - | 4 | 4 | - | 20 | - |
| | Bircham Newton | 221 | 12·5 | -22 | - | 0 | c-bc | 58 | 54 | 7 | 5 | 7 | - | 5 | 5 | 4 | 64 | - |
| | Cranwell | 203 | 11·4 | -20 | S'W | 2 | o/d | 60 | 58 | 7 | - | 7 | - | 8 | 8 | - | 80 | - |
| 3 | Cranfield | 340 | 12·7 | -10 | SSW | 2 | c-bc | 61 | 57 | 7 | 5 | 7 | - | 5 | 4 | 5 | 57 | - |
| | Honiley | 427 | 11·9 | -24 | SW | 4 | c | 59 | 55 | 7 | 5 | 7 | - | 8 | 5 | 8 | 50 | - |
| 4 | Little Rissington | 731 | 12·3 | -30 | SW | 3 | c | 58 | 55 | 7 | 5 | 7 | - | 8 | 5 | 8 | 20 | - |
| | Shobden | 318 | 11·9 | -22 | SSW | 2 | ro ro | 60 | 54 | 7 | 5 | - | - | 8 | 4 | 8 | 30 | 72 |
| 5 | Bristol | 209 | 14·6 | -14 | SSW | 3 | c | 60 | 57 | 7 | 5 | 2 | 7 | 8 | 3 | 8 | 12 | .. |
| | Chivenor | 20 | 13·1 | -26 | S | 3 | ir | 61 | 56 | 6 | 5 | - | - | 8 | 2 | 4 | 15 | 25 |
| | Yeovilton | 50 | 14·1 | -18 | SSW | 2 | 2o | 59 | 56 | 6 | 5 | 7 | - | 5 | 3 | 4 | 25 | 40 |
| | Portland Bill | 32 | 15·3 | -14 | SW | 4 | c-bc | 61 | 58 | 8 | 5 | - | - | 5 | 5 | - | 50 | - |
| | Exeter | 100 | 15·4 | -14 | SSE | 3 | c | 60 | 57 | 7 | 5 | 2 | - | 7 | 4 | 7 | 20 | 72 |
| | Plymouth | 86 | 15·1 | -22 | WSW | 4 | c | 61 | 59 | 7 | 5 | 2 | - | 8 | 4 | 4 | 10 | 72 |
| | St. Eval | 345 | 13·8 | -24 | SSW | 5 | 2o | 60 | 57 | 6 | 5 | 7 | - | 7 | 4 | 6 | 15 | 25 |
| | The Lizard | 240 | 14·9 | -18 | SW | 5 | c | 60 | 58 | 7 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Scilly, St. Marys | 163 | 13·8 | -22 | SW | 5 | o/d | 62 | 60 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| 6 | Fairwood | 268 | 12·5 | -28 | SSW | 6 | ir | 60 | 59 | 6 | 5 | - | - | 8 | 5 | 8 | 9 | 15 |
| | Pembroke | 142 | 09·1 | -36 | SSW | 5 | rr | 61 | 61 | 5 | 6 | - | - | 8 | 8 | - | 20 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 09·8 | -30 | SSW | 5 | ro ro | 60 | 60 | 5 | 6 | 2 | - | 8 | 4 | 8 | 6 | 15 |
| | Holyhead, Valley | 32 | 06·7 | -34 | SSW | 7 | dd | 60 | 60 | 4 | - | 2 | - | 8 | 8 | - | 4 | - |
| | Hawarden | 15 | 08·0 | -32 | S | 4 | rr | 58 | 58 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| 8 | Manchester | 230 | 10·2 | -14 | S | 4 | rr | 57 | 56 | 5 | 6 | 2 | - | 8 | 5 | 8 | 10 | 15 |
| | Squires Gate | 30 | 07·2 | -36 | S'E | 4 | ro ro | 58 | 58 | 6 | 6 | 2 | - | 8 | 4 | 8 | 20 | 40 |
| | Silloth | 25 | 04·9 | -46 | S | 4 | rr | 59 | 58 | 4 | 6 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| 9 | Ashbourne | 590 | 11·5 | -24 | SSW | 2 | rr | 56 | 53 | 6 | 6 | 2 | - | 8 | 5 | 8 | 9 | 25 |
| | Snaith | 30 | 09·6 | -30 | S | 3 | rr | 57 | 57 | 6 | 6 | 2 | - | 8 | 5 | 8 | 14 | 40 |
| 10 | Spurn Head | 29 | 11·7 | -26 | S | 3 | ir | 62 | 57 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Catterick (Sc.) | 105 | 09·3 | -26 | SE'S | 4 | RR | 57 | 57 | 5 | 6 | 2 | - | 8 | 3 | 6 | 6 | 15 |
| | Tynemouth | 108 | 08·1 | -28 | S | 4 | ir | 57 | 55 | 7 | - | 2 | - | 8 | 8 | - | 15 | - |
| | Acklington | 138 | 07·8 | -24 | SSE | 3 | ro ro | 57 | 55 | 6 | 5 | - | - | 6 | 3 | 6 | 5 | 40 |
| 11 | St. Abb's Head | 280 | 05·1 | -36 | S | 2 | rF | 56 | 56 | 1 | - | 2 | - | 8 | 8 | - | 15 | - |
| | Leuchars | 31 | 05·2 | -28 | - | 0 | rr | 56 | 56 | 5 | 5 | - | - | 8 | 8 | - | 30 | - |
| | Montrose | 22 | * | * | N | 2 | rr | 55 | 55 | 6 | 5 | 2 | - | 8 | 7 | 8 | 2 | 15 |
| 12 | Abbotsinch | 19 | 03·9 | -32 | NE'E | 2 | rr | 55 | 54 | 5 | 6 | 2 | - | 8 | 6 | 8 | 6 | 15 |
| | Prestwick | 30 | 01·5 | -54 | ENE | 3 | rr | 58 | 57 | 6 | 6 | 2 | - | 8 | 5 | 8 | 7 | 15 |
| | West Freugh | 53 | 01·8 | -44 | SSW | 5 | ro ro | 59 | 58 | 5 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 04·2 | -38 | SSW | 5 | rr | 60 | 59 | 5 | 6 | 2 | - | 8 | 4 | 8 | 4 | 15 |
| 13A | Machrihanish | 35 | 03·5 | -18 | NNW | 3 | ir o | 55 | 54 | 5 | 5 | - | - | 8 | 4 | 8 | 2 | 8 |
| | Tiree | 44 | 05·9 | -14 | NW | 2 | rr | 55 | 55 | 5 | 6 | 2 | - | 8 | 6 | 8 | 7 | 8 |
| | Oban | 74 | 05·1 | -12 | - | 0 | ro ro | 54 | 53 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| 13B | Stornoway | 12 | 06·1 | +2 | - | 0 | b-bc | 47 | 47 | 8 | 5 | 4 | 1 | 3 | 3 | 1 | 30 | - |
| | Cape Wrath | 367 | 06·6 | +8 | W | 3 | c | 53 | 49 | 8 | 8 | 2 | - | 6 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 06·5 | -10 | - | 0 | ro ro | 54 | 53 | 7 | 5 | 7 | - | 8 | 8 | 4 | 25 | 40 |
| | Fraserburgh | 76 | 07·4 | -6 | SW | 1 | c | 52 | 50 | 8 | 5 | 7 | - | 8 | 5 | 8 | 30 | - |
| | Alness | 63 | 06·5 | -2 | SW | 2 | c | 54 | 50 | 8 | 5 | 7 | - | 8 | 4 | 8 | 32 | - |
| | Wick | 114 | 07·0 | +2 | - | 0 | c | 53 | 51 | 7 | 5 | - | 3 | 7 | 6 | 5 | 7 | 40 |
| 16 | Hatston | 45 | 05·9 | -2 | SW | 3 | c-bc | 52 | 50 | 8 | 5 | - | - | 5 | 3 | 5 | 20 | 40 |
| | Sumburgh | 15 | 05·1 | 0 | SW | 3 | bc | 53 | 52 | 8 | 5 | - | - | 4 | 2 | 3 | 160 | 72 |
| | Sullom Voe | 12 | 04·8 | +6 | WSW | 2 | b-bc | 51 | 48 | 7 | 2 | - | - | 3 | 3 | - | 12 | - |
| 17 | Blacksod Point * | 18 | 07·6 | +10 | NNW | 3 | rr | 55 | 53 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - |
| 18 | Malin Head * | 84 | 04·5 | -18 | N | 3 | dd | 56 | 54 | 6 | - | 2 | - | 8 | 8 | - | 8 | - |
| | Aldergrove | 294 | 03·1 | -8 | N | 1 | 2o | 53 | 53 | 6 | 5 | 2 | - | 5 | 3 | 4 | 9 | 15 |
| | Cas. Archdale | 240 | 05·5 | -12 | N | 3 | ir | 54 | 53 | 6 | 5 | 2 | - | 8 | 4 | 8 | 8 | 40 |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown * | 220 | 05·1 | -22 | W'S | 3 | rr | 59 | 58 | 6 | 6 | 2 | - | 8 | 8 | - | 5 | - |
| 20 | Foynes * | 3 | 08·7 | +14 | W | 5 | pr | 58 | 54 | 8 | 8 | - | - | 5 | 5 | - | 15 | - |
| | Valentia * | 30 | 11·8 | +22 | NW'W | 4 | bc | 59 | 55 | 8 | 2 | - | - | 4 | 4 | - | 25 | - |
| | Roches Point * | 22 | 08·0 | -18 | W | 5 | b-bc/r | 60 | 58 | 8 | 5 | - | - | 3 | 3 | - | 15 | - |

* Minimum temperatures and rainfall read at 0700 G.M.T.

## OBSERVATIONS at 06hr. G.M.T. 28th August

| Stations | Barom at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc (19) | Wind Force (20) | Weather (21) | Temp °F (22) | Dew Point °F (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Cloud Amount Low A. 0–9 (29) | Cloud Amount Low B. 0–9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 09·4 | -24 | SSW | 3 | c | 61 | 56 | 8 | 5 | - | - | 7 | 5 | 7 | 18 | 25 | 1 | * |
| Croydon | 10·5 | -18 | S | 2 | c | 59 | 54 | 7 | 5 | 2 | - | 8 | 4 | 8 | 25 | 25 | 0 | * |
| Boscombe Down | 10·9 | -22 | SSW | 5 | rr | 58 | 58 | 6 | 6 | 2 | - | 8 | 6 | 8 | 3 | 25 | 1 | * |
| Thorney Island | 12·3 | -24 | SW | 3 | c | 62 | 58 | 8 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 13·0 | -8 | S | 2 | 2o | 58 | 56 | 6 | 5 | 7 | - | 8 | 6 | 8 | 40 | - | 0 | § 3 |
| Manston | 13·0 | -8 | SW'S | 3 | 2o | 59 | 55 | 6 | 5 | 7 | 6 | 7 | 3 | 6 | 12 | - | 0 | * |
| North Weald | 11·3 | -12 | SSW | 4 | 2o | 58 | 54 | 6 | 5 | 7 | - | 7 | 3 | 4 | 10 | 25 | 0 | * |
| Felixstowe | 11·8 | -10 | SW'S | 4 | c | 60 | 56 | 7 | - | 9 | - | 7 | 7 | - | 100 | - | 0 | 3 |
| Gorleston | 10·2 | -16 | SSW | 3 | c | 59 | 55 | 7 | 5 | - | - | 7 | 7 | - | 12 | - | 0 | 3 |
| Mildenhall | 08·9 | -20 | SSW | 4 | ir | 59 | 55 | 6 | 6 | 2 | - | 8 | 4 | 8 | 25 | 57 | 1 | * |
| Bircham Newton | 08·8 | -16 | SW | 3 | ro ro | 57 | 55 | 6 | 5 | 7 | - | 7 | 4 | 7 | 30 | - | 1 | * |
| Cranwell | 05·4 | -32 | SSW | 4 | c/r | 57 | 57 | 6 | 5 | 7 | - | 6 | 3 | 4 | 15 | 25 | 1 | * |
| Cranfield | 08·7 | -30 | S | 3 | ro ro | 57 | 56 | 6 | 6 | 2 | - | 8 | 5 | 8 | 5 | 25 | 1 | * |
| Honiley | 05·9 | -42 | S | 5 | do do | 57 | 57 | 6 | 6 | 2 | - | 8 | 7 | 8 | 3 | 8 | 1 | * |
| Little Rissington | 07·0 | -36 | SSW | 5 | dd | 57 | 57 | 4 | 6 | 2 | - | 8 | 7 | 8 | 1 | 5 | 1 | * |
| Shobden | 07·3 | -6 | W | 3 | c/r | 58 | 52 | 8 | 8 | - | - | 6 | 4 | 6 | 8 | 15 | 1 | * |
| Bristol | 09·4 | -26 | SW | 4 | bc/r | 60 | 58 | 7 | 5 | - | 1 | 4 | 2 | 4 | 15 | 40 | 1 | * |
| Chivenor | 10·8 | +10 | WNW | 5 | c | 60 | 54 | 8 | 8 | - | - | 6 | 4 | 4 | 9 | 15 | 1 | * |
| Yeovilton | 09·2 | -22 | SW | 4 | c/r | 62 | 60 | 6 | 5 | 2 | - | 8 | 4 | 7 | 10 | 15 | 1 | * |
| Portland Bill | 11·3 | -14 | SW | 5 | pr | 59 | 56 | 7 | 5 | - | - | 8 | 8 | - | 45 | - | 1 | 4 |
| Exeter | 10·8 | -12 | W | 4 | c-bc/pr | 61 | 58 | 7 | 5 | 3 | - | 5 | 5 | 3 | 8 | - | 1 | * |
| Plymouth | 11·7 | -6 | W'N | 5 | bc/r | 61 | 58 | 7 | 5 | - | 2 | 4 | 4 | 2 | 15 | - | 1 | 3 |
| St. Eval | 12·8 | +14 | WNW | 3 | c-bc | 59 | 54 | 8 | 5 | 7 | - | 5 | 4 | 3 | 10 | - | 1 | * |
| The Lizard | 13·3 | +6 | NW | 5 | 2o | 60 | 56 | 6 | 8 | - | - | 4 | 4 | - | 20 | - | 1 | 4 |
| Scilly, St. Marys | 13·2 | +10 | WNW | 4 | bc | 61 | 55 | 8 | 8 | - | - | 4 | 4 | - | 14 | - | 1 | 4 |
| Fairwood | 09·6 | +8 | W | 6 | c | 56 | 53 | 8 | 5 | - | - | 6 | 4 | 6 | 8 | 15 | 1 | * |
| Pembroke | 09·9 | +18 | W | 4 | c-bc | 59 | 51 | 8 | 8 | - | - | 5 | 5 | - | 20 | - | 1 | 4 |
| Aberporth | 08·7 | +30 | W'N | 5 | c | 56 | 51 | 8 | 2 | - | - | 7 | 7 | - | 10 | - | 1 | 5 |
| Penrhos | 05·6 | +14 | WSW | 5 | c/pr | 55 | 54 | 6 | 8 | - | - | 7 | 5 | 7 | 6 | 15 | 1 | 4 |
| Holyhead, Valley | 04·8 | +18 | WNW | 6 | c-bc/pr | 55 | 54 | 8 | 8 | - | 3 | 5 | 4 | 4 | 6 | 15 | 1 | 6 |
| Hawarden | 03·1 | -12 | SE | 3 | bc | 59 | 54 | 8 | 8 | - | - | 4 | 4 | 2 | 10 | 25 | 1 | * |
| Manchester | 03·5 | -28 | S'W | 5 | c-bc/r | 58 | 56 | 8 | 6 | - | - | 5 | 3 | 4 | 2 | 8 | 1 | * |
| Squires Gate | 01·5 | -18 | W'S | 6 | c-bc | 60 | 56 | 7 | 5 | - | - | 5 | 2 | 5 | 6 | 15 | 1 | * |
| Silloth | 00·3 | -16 | SSW | 3 | c/r | 57 | 55 | 6 | 5 | - | - | 8 | 6 | 8 | 6 | 15 | 1 | * |
| Ashbourne | 04·9 | -30 | SSE | 4 | ir o | 56 | 55 | 6 | 6 | 2 | - | 8 | 5 | 8 | 4 | 8 | 1 | * |
| Snaith | 03·8 | -34 | S'W | 4 | rr | 58 | 58 | 4 | 6 | 2 | - | 8 | 3 | 8 | 8 | 25 | 1 | * |
| Spurn Head | 05·6 | -30 | S'W | 6 | rr | 58 | 57 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | 4 |
| Catterick (Sc.) | 01·8 | -40 | SE'S | 3 | id o | 57 | 57 | 6 | 5 | - | - | 8 | 5 | 8 | 12 | 15 | 1 | * |
| Tynemouth | 01·0 | -26 | SW | 3 | 2o | 58 | 56 | 6 | - | 2 | - | 8 | 8 | - | 14 | - | 1 | 2 |
| Acklington | 00·3 | -34 | SSW | 2 | rr | 58 | 56 | 5 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | * |
| St. Abb's Head | 99·0 | -12 | - | 0 | c | 55 | 55 | 7 | 8 | - | - | 6 | 4 | 4 | 10 | 25 | 1 | 1 |
| Leuchars | 00·9 | -26 | NNE | 5 | rr | 53 | 53 | 5 | 6 | 2 | - | 8 | 6 | 8 | 5 | 25 | 1 | * |
| Montrose | * | * | NNE | 4 | ro ro | 53 | 53 | 5 | 5 | 2 | - | 8 | 3 | 5 | 5 | 8 | 1 | * |
| Abbotsinch | 02·6 | +2 | NNW | 1 | ro ro | 54 | 52 | 6 | 5 | 2 | - | 8 | 4 | 5 | 15 | 25 | 1 | * |
| Prestwick | 01·7 | +18 | NNW | 4 | ro ro | 54 | 52 | 5 | 5 | 2 | - | 8 | 4 | 5 | 8 | 15 | 1 | * |
| West Freugh | 01·7 | +10 | NNW | 6 | rr | 54 | 54 | 7 | 5 | 2 | - | 8 | 5 | 6 | 6 | 15 | 1 | * |
| Eskdalemuir | 98·4 | -6 | S | 3 | ro ro | 55 | 53 | 7 | 6 | - | - | 8 | 8 | - | 11 | - | 1 | * |
| Jurby, I. of Man | 02·3 | -4 | NW'W | 7 | ir o | 56 | 53 | 8 | 5 | - | - | 6 | 4 | 4 | 6 | 15 | 2 | * |
| Machrihanish | 03·7 | +12 | NW | 5 | ir o | 55 | 53 | 6 | 5 | 2 | - | 8 | 4 | 4 | 6 | 15 | 1 | 3 |
| Tiree | 06·3 | +6 | N'W | 4 | c | 55 | 48 | 8 | 2 | 7 | - | 7 | 4 | 7 | 15 | - | 1 | 3 |
| Oban | 04·6 | +8 | W'N | 3 | ro ro | 54 | 53 | 9 | 8 | 4 | 8 | 7 | 4 | 5 | 18 | 40 | 1 | 2 |
| Stornoway | 05·7 | +4 | NW | 3 | c | 51 | 47 | 8 | 5 | 7 | - | 6 | 3 | 5 | 16 | 15 | 0 | 2 |
| Cape Wrath | 05·8 | -2 | W | 3 | c-bc | 52 | 45 | 9 | 8 | 4 | - | 5 | 4 | - | 15 | - | 1 | 3 |
| Dalwhinnie | 03·8 | -16 | N | 1 | rr | 49 | 48 | 6 | 5 | 2 | - | 8 | 4 | 8 | 20 | 72 | 1 | * |
| Aberdeen† | 03·2 | -14 | N'W | 2 | ro ro | 52 | 51 | 6 | 6 | 2 | - | 8 | 4 | 8 | 15 | 40 | 1 | 2 |
| Fraserburgh | 04·5 | -12 | N'W | 2 | ro ro | 53 | 52 | 6 | 5 | 2 | - | 8 | 2 | 4 | 5 | 25 | 1 | |
| Alness | 05·8 | +4 | N | 2 | c/r | 54 | 50 | 7 | 5 | 7 | - | 8 | 4 | 5 | 25 | 40 | 0 | * |
| Wick | 05·5 | -2 | NW | 1 | c | 52 | 49 | 9 | 5 | 5 | - | 8 | 3 | 8 | 40 | 57 | 0 | * |
| Hatston | 05·0 | -4 | W'N | 2 | c | 52 | 48 | 8 | 5 | 7 | - | 6 | 3 | 4 | 20 | 40 | * | * |
| Sumburgh | 04·3 | -4 | W'N | 3 | c | 52 | 50 | 8 | 8 | 8 | 8 | 6 | 1 | 1 | 18 | 40 | 0 | 2 |
| Sullom Voe | 04·0 | -2 | SW | 3 | bc | 51 | 47 | 7 | 8 | - | 8 | 4 | 3 | 4 | 15 | 40 | 0 | * |
| Blacksod Point | 11·9 | +22 | NW | 4 | c/pr | 54 | 50 | 8 | 6 | - | - | 7 | 7 | - | 15 | - | 2 | 3 |
| Malin Head | 06·4 | +18 | NNW | 4 | PR | 54 | 50 | 8 | 8 | - | - | 7 | 7 | - | 8 | - | 2 | 3 |
| Aldergrove | 05·2 | +28 | NW'N | 4 | ro ro | 54 | 53 | 5 | 5 | - | - | 8 | 5 | 8 | 6 | 15 | 1 | * |
| Cas. Archdale | 08·0 | +20 | NNW | 5 | c | 54 | 50 | 8 | 9 | 4 | - | 6 | 3 | 5 | 12 | 40 | 1 | * |
| Birr Castle | 11·0 | +30 | WNW | 3 | bc | 54 | 52 | 8 | 5 | - | - | 4 | 4 | - | 25 | - | 1 | * |
| Collinstown | 07·2 | +34 | W'N | 4 | c-bc/r | 54 | 52 | 8 | 9 | - | 3 | 5 | 4 | - | 7 | - | 1 | * |
| Foynes | 12·4 | +22 | WNW | 5 | bc | 56 | 52 | 8 | 8 | - | 2 | 4 | 4 | - | 22 | - | 1 | * |
| Valentia | 14·8 | +14 | NNW | 4 | b | 57 | 50 | 8 | 8 | - | 3 | 2 | 2 | - | 25 | - | 1 | 5 |
| Roches Point | 11·9 | +10 | NW | 6 | bc | 57 | 49 | 8 | 5 | - | - | 4 | 4 | - | 15 | - | 1 | 4 |

Station 103 read at 0700 G.M.T.

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h-18h °F (35) | Temperature Min. Night 18h-6h °F (36) | Temperature Min. on Grass °F (37) | Rainfall Day 6h-18h mm. (38) | Rainfall Night 18h-6h mm. (39) | Sunshine 27th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew | 76 | 59 | 54 | - | - | 10·7 |
| Croydon | 78 | * | 55 | - | - | 11·0 |
| Boscombe Down | 74 | 56 | 55 | - | 3 | 10·6 |
| Thorney Island | 76 | 59 | 51 | - | - | * |
| Friston | | | | | | |
| Lympne | 76 | 56 | 51 | - | - | 12·4 |
| Manston | 78 | 58 | 51 | - | - | 11·4 |
| North Weald | 77 | 57 | * | * | * | * |
| Felixstowe | 79 | 59 | 57 | - | Tr | 9·3 |
| Gorleston | 78 | 58 | 54 | - | - | 10·2 |
| Mildenhall | 77 | 59 | 56 | - | Tr | 9·8 |
| Bircham Newton | 75 | 57 | 49 | - | 0·2 | * |
| Cranwell | 73 | 54 | 52 | - | 7 | 8·1 |
| Cranfield | 74 | 56 | * | - | 4 | * |
| Honiley | 72 | 56 | 54 | - | 15 | * |
| Little Rissington | - | 55 | 55 | - | 10 | * |
| Shobden | 70 | 57 | 41 | - | 11 | * |
| Bristol | 73 | 59 | 55 | - | 11 | 10·4 |
| Chivenor | 69 | 59 | 55 | - | 10 | * |
| Yeovilton | 73 | 58 | 55 | - | 0·5 | * |
| Portland Bill | 64 | 58 | * | - | Tr | * |
| Exeter | 74 | 58 | | - | 35 | * |
| Plymouth | 65 | 61 | 56 | - | 4 | 11·7 |
| St. Eval | 66 | 55 | 53 | - | 6 | * |
| The Lizard | 54 | 59 | * | - | 1 | 11·0 |
| Scilly, St. Marys | 69 | 58 | * | - | 1 | 10·7 |
| Fairwood | - | 55 | 54 | - | 20 | * |
| Pembroke | 64 | 57 | * | Tr | 14 | 1·3 |
| Aberporth | 66 | 55 | 53 | 0·1 | 18 | 2·2 |
| Penrhos | 64 | 55 | 42 | 2 | 24 | * |
| Holyhead, Valley | 63 | 55 | 54 | 1 | 18 | * |
| Hawarden | 66 | 57 | 55 | 5 | 7 | 0·0 |
| Manchester | 69 | 56 | 57 | 2 | 21 | * |
| Squires Gate | 65 | 57 | 57 | Tr | 40 | * |
| Silloth | 62 | 56 | 56 | 8 | 30 | * |
| Ashbourne | 69 | 54 | 54 | - | 24 | * |
| Snaith | 72 | 56 | 55 | 0·5 | 15 | * |
| Spurn Head | 72 | 57 | * | Tr | 4 | 8·5 |
| Catterick (Sc.) | 68 | 56 | 56 | 1 | 13 | 1·3 |
| Tynemouth | 65 | 56 | 56 | 2 | 15 | |
| Acklington | 65 | 55 | 55 | 1 | 12 | * |
| St. Abb's Head | 64 | 54 | * | Tr | 19 | * |
| Leuchars | 62 | 53 | 52 | Tr | 20 | 0·9 |
| Montrose | 62 | 52 | 52 | Tr | 9 | * |
| Abbotsinch | 61 | 53 | 44 | 0·3 | 19 | 0·0 |
| Prestwick | 61 | 54 | 53 | 4 | 19 | * |
| West Freugh | 59 | 53 | 52 | 7 | 15 | * |
| Eskdalemuir | 57 | 54 | 54 | 5 | 28 | 0·1 |
| Jurby, I. of Man | 62 | 54 | 54 | 2 | 20 | * |
| Machrihanish | 65 | 58 | 53 | 5 | 21 | * |
| Tiree | 62 | 53 | 50 | - | 10 | 3·5 |
| Oban | 51 | 52 | * | - | * | * |
| Stornoway | 64 | 42 | 33 | 2 | 0·1 | 4·9 |
| Cape Wrath | 66 | 46 | * | 2 | 3 | * |
| Dalwhinnie | 61 | 48 | 47 | 5 | 13 | 1·2 |
| Aberdeen† | 64 | 52 | 50 | Tr | 8 | |
| Fraserburgh | 65 | 51 | 49 | 1 | 6 | * |
| Alness | 70 | 51 | 49 | 1 | Tr | * |
| Wick | 66 | 51 | 35 | 4 | 0·1 | * |
| Hatston | * | * | * | * | * | * |
| Sumburgh | 58 | 51 | 41 | 2 | Tr | 4·0 |
| Sullom Voe | 60 | 48 | 44 | 2 | Tr | * |
| Blacksod Point | 73 | 53 | * | 3 | 11 | * |
| Malin Head | 61 | 53 | * | 6 | 14 | 0·0 |
| Aldergrove | 61 | 52 | 51 | 3 | 20 | 0·0 |
| Cas. Archdale | 64 | 53 | 51 | 8 | 24 | * |
| Birr Castle | 65 | 52 | 50 | 2 | 8 | 0·0 |
| Collinstown | 64 | 53 | 52 | 3 | 11 | 8·1 |
| Foynes | 67 | 56 | 51 | 7 | 2 | * |
| Valentia | 64 | 56 | 50 | 6 | 1 | 0·0 |
| Roches Point | 63 | 56 | * | 1 | 3 | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 6th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

**SECRET**

Tuesday 29th. August 1944

No. 30231

## OBSERVATIONS at 12h. G.M.T. 28th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low 0-9 (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A. 0-9 (13) | Cloud Amount Low B. 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 10.1 | +8 | W | 4 | c | 66 | 49 | 8 | 2 | - | - | 6 | 6 | - | 21 | - |
| | Croydon | 10.5 | +6 | W'S | 4 | bc | 67 | 51 | 9 | 4 | - | - | 5 | 5 | - | 30 | - |
| | Boscombe Down | 11.9 | +10 | W'N | 4 | c | 64 | 52 | 8 | 2 | - | 6 | 5 | 5 | 3 | 20 | - |
| | Thorney Island | 11.9 | +2 | W'N | 4 | c | 71 | 56 | 9 | 1 | - | - | 5 | 5 | - | 30 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 10.5 | -12 | SW | 4 | c/d | 68 | 61 | 7 | 1 | - | - | 8 | 5 | - | 14 | - |
| | Manston | 10.1 | -14 | WSW | 6 | c | 68 | 58 | 7 | 1 | - | - | 4 | 4 | - | 20 | - |
| 2 | North Weald | 09.5 | +6 | SW | 4 | c | 62 | 57 | 7 | 5 | - | - | 6 | 6 | - | 25 | - |
| | Felixstowe | 08.5 | -10 | SW'W | 5 | c | 65 | 62 | 7 | 2 | - | - | 5 | 5 | - | 2 | - |
| | Gorleston | 06.6 | -16 | SW | 6 | q | 68 | 60 | 7 | 8 | - | - | 5 | 5 | - | 15 | - |
| | Mildenhall | 07.3 | -2 | W | 6 | c | 66 | 52 | 8 | 1 | - | 1 | 5 | 3 | 5 | 15 | 25 |
| | Bircham Newton | 05.5 | -6 | W'S | 6 | c | 64 | 51 | 8 | 8 | 6 | 2 | 5 | 5 | 3 | 25 | 40 |
| | Cranwell | 05.5 | +6 | SW | 5 | c | 61 | 54 | 7 | 8 | 7 | - | 5 | 4 | 5 | 15 | 40 |
| 3 | Cranfield | 08.7 | +10 | WNW | 5 | bc | 64 | 50 | 8 | 8 | 6 | - | 4 | 4 | 1 | 25 | - |
| | Honiley | 18.3 | +2 | WSW | 5 | c | 62 | 51 | 9 | 8 | - | - | 6 | 5 | 4 | 10 | 25 |
| | Little Rissington | 09.3 | +10 | WNW | 6 | c | 52 | 50 | 9 | 2 | - | - | 6 | 6 | - | 20 | - |
| 4 | Shobden | 11.1 | +24 | W | 5 | c | 62 | 52 | 8 | 8 | 2 | - | 5 | 4 | 5 | 20 | 25 |
| | Bristol | 11.8 | +14 | W | 5 | c | 65 | 55 | 8 | 7 | - | - | 6 | 6 | 3 | 20 | 40 |
| 5 | Chivenor | 13.9 | +12 | WNW | 5 | c | 63 | 55 | 8 | 8 | 4 | 6 | 5 | 4 | 3 | 18 | - |
| | Yeovilton | 12.6 | +14 | WNW | 5 | c/pr | 63 | 52 | 8 | 8 | - | 9 | 5 | 2 | 5 | 20 | 40 |
| | Portland Bill | 13.3 | +16 | NW | 5 | c | 65 | 58 | 8 | 2 | - | - | 5 | 5 | - | 50 | - |
| | Exeter | 13.3 | +12 | WNW | 4 | c | 64 | 55 | 8 | 5 | - | 8 | 6 | 5 | 1 | 15 | - |
| | Plymouth | 14.8 | +6 | NW | 4 | c/pr | 65 | 54 | 8 | 8 | - | 6 | 7 | 6 | 2 | 18 | 40 |
| | St. Eval | 15.3 | +8 | NW | 4 | c | 62 | 53 | 9 | 8 | - | 6 | 6 | 4 | 3 | 12 | 25 |
| | The Lizard | 14.9 | +6 | NW | 5 | bc | 63 | 54 | 8 | 2 | 6 | - | 4 | 4 | 2 | 30 | 57 |
| | Scilly, St. Marys | 16.3 | +10 | N'W | 3 | c | 67 | 55 | 8 | 8 | - | 7 | 7 | 4 | 4 | 20 | - |
| 6 | Fairwood | 12.1 | +14 | WNW | 5 | c | 61 | 53 | 9 | 8 | 6 | - | 6 | 3 | 5 | 15 | 25 |
| | Pembroke | 13.0 | +6 | WNW | 3 | c/bq | 61 | 53 | 8 | 2 | 6 | - | 5 | 3 | 4 | 25 | - |
| | Aberporth | 12.9 | +20 | WNW | 5 | bc | 60 | 52 | 8 | 4 | 7 | - | 4 | 3 | 3 | 25 | - |
| 7 | Penrhos | 11.0 | +6 | WNW | 5 | bc | 61 | 51 | 8 | 2 | 6 | 3 | 3 | 3 | 1 | 20 | - |
| | Holyhead, Valley | 10.4 | +22 | WNW | 5 | bc | 62 | 52 | 8 | 8 | 3 | 1 | 3 | 3 | 1 | 25 | - |
| | Hawarden | 08.0 | +26 | W | 7 | c | 62 | 53 | 8 | 8 | 4 | - | 5 | 3 | 5 | 10 | 25 |
| 8 | Manchester | 06.8 | +22 | S'W | 6 | c/pr | 58 | 52 | 7 | 9 | - | - | 8 | 4 | 8 | 12 | 15 |
| | Squires Gate | 06.5 | +30 | NW'W | 6 | c | 60 | 53 | 7 | 8 | 3 | - | 7 | 7 | - | 8 | - |
| | Silloth | 05.2 | +46 | NNW | 6 | ro/ro | 57 | 52 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Ashbourne | 06.8 | +20 | WSW | 4 | c/pr | 59 | 52 | 8 | 8 | - | - | 7 | 4 | 7 | 6 | 15 |
| 9 | Snaith | 03.2 | +10 | W'S | 7 | d | 59 | 53 | 7 | 7 | - | - | 8 | 5 | 8 | 15 | 25 |
| | Spurn Head | 03.4 | -2 | SW'W | 7 | c/bq | 62 | 54 | 7 | 8 | - | - | 5 | 5 | - | - | - |
| 10 | Catterick (Sc.) | 00.5 | +2 | W'N | 6 | c | 61 | 56 | 8 | 5 | 7 | - | 6 | 5 | 4 | 20 | 40 |
| | Tynemouth | 99.6 | +4 | W | 3 | c | 64 | 55 | 7 | 2 | 3 | - | 5 | 4 | 3 | 25 | - |
| | Acklington | 00.0 | 0 | NNW | 6 | id | 56 | 54 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 25 |
| 11 | St. Abb's Head | 01.6 | +18 | NNW | 6 | rr | 53 | 53 | 7 | 9 | - | - | 8 | 4 | 4 | 10 | 15 |
| | Leuchars | 03.5 | +10 | N | 3 | rr | 56 | 53 | 6 | 5 | 2 | - | 8 | 4 | 8 | 8 | 25 |
| | Montrose | * | 0 | NNW | 4 | ro/ro | 54 | 52 | 6 | 5 | 2 | - | 8 | 4 | 3 | 8 | 8 |
| 12 | Abbotsinch | 05.6 | +14 | NW | 4 | c | 59 | 48 | 9 | 5 | 4 | 2 | 5 | 5 | 2 | 20 | - |
| | Prestwick | 06.3 | +22 | NW'N | 4 | c | 59 | 48 | 8 | 7 | - | - | 6 | 1 | 3 | 10 | 15 |
| | West Freugh | 07.4 | +26 | NW | 5 | bc/pr | 56 | 52 | 8 | 7 | - | - | 6 | 5 | 3 | 15 | 25 |
| | Eskdalemuir | 03.6 | +34 | NNW | 4 | r/r | 52 | 50 | 7 | 6 | 2 | - | 8 | 4 | 8 | 7 | 8 |
| | Jurby, I. of Man | 07.8 | +28 | W'N | 7 | c | 59 | 53 | 8 | - | 7 | - | 8 | 4 | 3 | 18 | - |
| 13A | Machrihanish | 07.7 | +22 | NW | 5 | c | 58 | 50 | 8 | 8 | 6 | - | 5 | 3 | 4 | 10 | 25 |
| | Tiree | 08.1 | +6 | NNW | 4 | c | 59 | 44 | 9 | 5 | - | - | 7 | 3 | 7 | 10 | 25 |
| | Oban | 07.0 | +14 | WNW | 3 | bc | 60 | 50 | 9 | 7 | 6 | - | 3 | 1 | 2 | 25 | 40 |
| 13B | Stornoway | 06.5 | -2 | WSW | 3 | c | 58 | 40 | 8 | 5 | - | - | 7 | 4 | 7 | 22 | 40 |
| | Cape Wrath | 06.2 | 0 | W | 3 | c | 54 | 42 | 9 | 2 | 7 | - | 7 | 7 | 0 | - | - |
| 15 | Dalwhinnie | 04.9 | +8 | NNE | 3 | 0 | 52 | 45 | 7 | 5 | - | - | 8 | 8 | - | 22 | - |
| | Aberdeen | 03.8 | +12 | NNW | 3 | c | 54 | 49 | 8 | 5 | 7 | - | 8 | 4 | 8 | - | 57 |
| | Fraserburgh | 04.8 | +2 | N'W | 5 | c/r | 56 | 50 | 8 | 5 | 7 | - | 8 | 2 | 5 | 6 | 25 |
| | Alness | 06.1 | +2 | W | 4 | c | 57 | 46 | 8 | 7 | - | - | 2 | 5 | 6 | 25 | 40 |
| | Wick | * | -2 | NW | 4 | c | * | 45 | 9 | 5 | - | - | 2 | 2 | 7 | 20 | 57 |
| 16 | Hatston | 05.2 | 0 | N'W | 3 | c | 55 | 49 | 8 | 8 | 7 | - | 7 | 3 | 4 | 15 | 40 |
| | Sumburgh | 04.1 | -2 | WNW | 3 | c | 57 | 45 | 8 | 8 | 7 | 6 | 6 | 2 | 3 | 16 | 57 |
| | Sullom Voe | 03.8 | -4 | W'N | 3 | c | 57 | 44 | 8 | 7 | - | - | 6 | 3 | 6 | 18 | 40 |
| 17 | Blacksod Point | 13.1 | 0 | W'S | 3 | c | 58 | 50 | 8 | 5 | - | - | 8 | 8 | - | 25 | - |
| 18 | Malin Head | 09.4 | +10 | N'W | 5 | ir/o | 56 | 44 | 8 | 8 | - | - | 6 | 6 | - | 15 | - |
| | Aldergrove | 09.6 | +8 | WNW | 5 | c | 57 | 50 | 8 | 8 | - | - | 6 | 4 | 6 | 20 | 40 |
| | Cas. Archdale | 11.9 | +8 | NW | 5 | c | 57 | 47 | 8 | 5 | - | - | 7 | 7 | - | 25 | - |
| 19 | Birr Castle | 13.0 | +2 | WNW | 3 | c | 60 | 48 | 8 | 5 | 2 | - | 8 | 5 | - | 25 | - |
| | Collinstown | 11.9 | +14 | NW'W | 5 | c | 60 | 48 | 8 | 8 | 3 | - | 6 | 6 | - | 40 | - |
| 20 | Foynes | 14.5 | -2 | WNW | 3 | c | 62 | 46 | 9 | 2 | 7 | 7 | 8 | 3 | - | 25 | - |
| | Valentia | 16.1 | -2 | W | 3 | c | 60 | 52 | 8 | 5 | 1 | - | 8 | 3 | - | 40 | - |
| | Roches Point | 14.8 | +6 | NNW | 5 | c | 61 | 49 | 8 | 5 | 1 | - | 8 | 4 | - | 25 | - |

## OBSERVATIONS at 18h. G.M.T. 28th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med. (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A 0-9 (29) | Cloud Amount Low B. 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 11.6 | -4 | WNW | 3 | c | 64 | 50 | 8 | 8 | 7 | - | 4 | 4 | 7 | 25 | - | 1 | * |
| Croydon | 11.8 | +6 | WNW | 3 | c | 65 | 50 | 9 | 4 | 7 | 6 | 7 | 4 | 7 | 28 | - | 1 | * |
| Boscombe Down | 13.6 | +10 | W | 4 | c | 60 | 53 | 8 | 5 | 7 | 7 | 7 | 3 | 7 | 30 | - | 0 | * |
| Thorney Island | 13.0 | +16 | W | 4 | c | 65 | 53 | 9 | 5 | 7 | 8 | 7 | 2 | 2 | 25 | 57 | 0 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 11.6 | +6 | W'S | 4 | c | 64 | 54 | 8 | 5 | 7 | 8 | 7 | 3 | 5 | 43 | - | 0 | § |
| Manston | 10.7 | +6 | W'S | 3 | c | 66 | 49 | 8 | 5 | 7 | 8 | 7 | 1 | 3 | 30 | - | 1 | * |
| North Weald | 11.4 | +12 | W'N | 4 | c | 63 | 51 | 7 | 4 | - | 8 | 6 | 4 | 6 | 30 | - | 0 | * |
| Felixstowe | 09.8 | +10 | W | 5 | c | 67 | 54 | 7 | 1 | - | 2 | 6 | 3 | 6 | 30 | - | 0 | § |
| Gorleston | 09.9 | +10 | WNW | 5 | c/bq | 65 | 56 | 7 | 1 | 9 | - | 6 | 4 | 4 | 15 | - | 0 | 3 |
| Mildenhall | 10.0 | +18 | WNW | 4 | c | 63 | 51 | 8 | 4 | 7 | 6 | 7 | 3 | 3 | 40 | - | 0 | * |
| Bircham Newton | 08.4 | +22 | W | 6 | c | 60 | 48 | 8 | 5 | 7 | 8 | 7 | 1 | 3 | 30 | - | 0 | * |
| Cranwell | 09.1 | +18 | W'S | 5 | c | 60 | 51 | 7 | 5 | 7 | - | 6 | 4 | 4 | 35 | - | 0 | * |
| Cranfield | 11.3 | +14 | W | 4 | c | 60 | 47 | 8 | 4 | 6 | - | 8 | 3 | 7 | 25 | - | 1 | * |
| Honiley | 11.2 | +14 | W'S | 4 | c | 59 | 48 | 8 | 4 | 2 | - | 7 | 4 | 7 | 30 | - | 1 | * |
| Little Rissington | 12.0 | +12 | WNW | 5 | c | 58 | 47 | 9 | 5 | 7 | - | 7 | 3 | 7 | 20 | - | 1 | * |
| Shobden | 12.6 | 0 | W | 2 | c | 56 | 47 | 8 | 5 | 7 | 7 | 8 | 4 | 4 | 30 | - | 1 | * |
| Bristol | 13.1 | +6 | W | 4 | pr/pr | 60 | 53 | 8 | 8 | - | 8 | 7 | 4 | 3 | 22 | 40 | 0 | * |
| Chivenor | 14.0 | -6 | WNW | 4 | c | 60 | 57 | 9 | 5 | 2 | - | 8 | 1 | 3 | 8 | 15 | 0 | * |
| Yeovilton | 13.6 | +2 | W'N | 2 | c | 62 | 54 | 8 | 4 | 3 | 7 | 8 | 3 | 4 | 30 | 72 | 0 | * |
| Portland Bill | 15.7 | +2 | W | 4 | c | 63 | 58 | 8 | 5 | - | - | 8 | 8 | - | 50 | - | 1 | 4 |
| Exeter | 14.0 | +2 | WNW | 4 | c | 62 | 54 | 8 | 5 | 2 | - | 8 | 2 | 4 | 10 | 25 | 0 | * |
| Plymouth | 15.1 | -4 | W | 2 | c | 61 | 53 | 8 | 5 | 1 | 7 | 8 | 2 | 8 | 20 | - | 0 | 3 |
| St. Eval | 15.5 | -4 | W'S | 2 | c | 59 | 51 | 9 | 8 | 2 | - | 7 | 3 | 5 | 15 | 23 | 0 | * |
| The Lizard | 15.3 | -4 | WNW | 3 | c | 61 | 52 | 7 | 2 | - | - | 8 | 4 | 4 | 30 | 57 | 0 | 3 |
| Scilly, St. Marys | 15.7 | -8 | W | 2 | c | 62 | 53 | 8 | 7 | 7 | - | 8 | 4 | 4 | 10 | - | 0 | 3 |
| Fairwood | 13.6 | 0 | W'N | 4 | c | 55 | 51 | 8 | 5 | 2 | - | 8 | 4 | 8 | 20 | - | 1 | * |
| Pembroke | 13.2 | 0 | SW'W | 4 | c | 60 | 48 | 8 | 8 | - | - | 5 | 5 | - | 25 | - | 1 | 3 |
| Aberporth | 13.2 | -2 | W'N | 3 | c | 57 | 50 | 8 | 4 | 2 | - | 8 | 5 | 8 | 25 | - | 1 | * |
| Penrhos | 12.0 | +2 | W | 4 | c | 58 | 49 | 9 | 5 | 7 | - | 8 | 4 | 8 | 30 | - | 0 | 4 |
| Holyhead, Valley | 12.3 | +4 | WNW | 4 | c | 57 | 49 | 9 | 5 | 2 | - | 8 | 2 | 6 | 30 | 40 | 0 | 4 |
| Hawarden | 11.3 | +8 | WSW | 4 | c/pr | 59 | 48 | 8 | 4 | - | - | 8 | 5 | 2 | 25 | 57 | 1 | * |
| Manchester | 10.5 | +14 | WNW | 3 | c | 57 | 47 | 7 | 5 | 7 | - | 8 | 4 | 8 | 25 | - | 1 | * |
| Squires Gate | 10.3 | +14 | NW'W | 5 | c | 58 | 50 | 8 | 5 | - | - | 8 | 5 | 8 | 15 | 25 | 0 | * |
| Silloth | 08.3 | +14 | WNW | 4 | c | 58 | 45 | 8 | 5 | 7 | 6 | 7 | 2 | 4 | 28 | 40 | 1 | * |
| Ashbourne | 10.7 | +18 | WSW | 4 | c | 56 | 48 | 8 | 5 | 3 | - | 6 | 3 | 5 | 10 | 25 | 1 | * |
| Snaith | 09.2 | +30 | W | 5 | c | 60 | 51 | 7 | 2 | - | 1 | 7 | 4 | 5 | 20 | 25 | 0 | * |
| Spurn Head | 07.7 | +36 | W | 5 | c | 60 | 54 | 7 | 5 | - | - | 7 | 7 | - | - | - | 0 | 4 |
| Catterick (Sc.) | 08.1 | +34 | N'W | 2 | c/r | 53 | 53 | 7 | 5 | 7 | - | 8 | 6 | 6 | 7 | 25 | 1 | * |
| Tynemouth | 07.3 | +24 | W | 3 | c | 55 | 51 | 6 | 8 | - | - | 6 | 6 | - | 22 | - | 1 | 3 |
| Acklington | 06.5 | +24 | WSW | 2 | id/o | 55 | 52 | 7 | 5 | 7 | - | 8 | 2 | 4 | 15 | 40 | 1 | * |
| St. Abb's Head | 05.9 | +14 | W | 2 | c | 55 | 51 | 8 | 8 | - | - | 6 | 3 | 4 | 20 | 40 | 1 | 3 |
| Leuchars | 06.0 | +12 | NW | 3 | c/bc | 60 | 44 | 7 | 5 | 7 | - | 5 | 4 | 2 | 30 | - | 1 | * |
| Montrose | * | * | ANW | 3 | c | 60 | 48 | 7 | 5 | - | 2 | 5 | 3 | 4 | 35 | - | 1 | * |
| Abbotsinch | 07.8 | +10 | WNW | 3 | c | 57 | 44 | 7 | 5 | - | 6 | 5 | 3 | 4 | 35 | - | 1 | * |
| Prestwick | 08.5 | +10 | NW'W | 5 | c | 58 | 55 | 9 | 5 | 4 | 6 | 6 | 5 | 2 | 18 | 40 | 1 | * |
| West Freugh | 09.4 | +10 | NW | 4 | c | 55 | 47 | 8 | 5 | - | - | 6 | 6 | - | 25 | - | 1 | * |
| Eskdalemuir | 07.4 | +10 | WNW | 3 | c | 55 | 48 | 8 | 5 | - | - | 6 | 6 | - | 21 | - | 1 | * |
| Jurby, I. of Man | 10.6 | +14 | WNW | 4 | c | 56 | 50 | 8 | 4 | - | - | 7 | 1 | 7 | 20 | 40 | 1 | * |
| Machrihanish | 09.1 | +6 | WNW | 4 | c | 56 | 49 | 8 | 8 | 7 | - | 7 | 3 | 6 | 20 | 40 | 1 | 3 |
| Tiree | 08.9 | -2 | WNW | 3 | c | 55 | 49 | 9 | 7 | 3 | - | 5 | 2 | 3 | 25 | 40 | 0 | 2 |
| Oban | 08.8 | +4 | W | 3 | c | 57 | 49 | 9 | 5 | - | - | 7 | 2 | - | 30 | - | 0 | 3 |
| Stornoway | 06.0 | -2 | WSW | 2 | c/bc | 56 | 50 | 8 | 8 | 3 | - | 5 | 3 | 4 | 25 | 40 | 0 | 1 |
| Cape Wrath | 05.3 | -6 | W | 4 | bc | 54 | 48 | 9 | 8 | 4 | - | 4 | 4 | - | - | - | 0 | 3 |
| Dalwhinnie | 07.0 | +4 | NW | 3 | c | 52 | 38 | 8 | 7 | - | - | 7 | 7 | - | 25 | - | 0 | * |
| Aberdeen | 05.6 | +12 | NW'N | 2 | c | 55 | 44 | 9 | 5 | - | - | 7 | 2 | 7 | - | 57 | 1 | 3 |
| Fraserburgh | 05.2 | +2 | NNW | 3 | c | 55 | 42 | 9 | 7 | 7 | - | 7 | 1 | 7 | 15 | 57 | 0 | 0 |
| Alness | 06.3 | 0 | NW | 3 | c | 57 | 44 | 8 | 5 | 3 | - | 7 | 6 | 7 | 30 | - | 0 | * |
| Wick | 05.1 | +2 | NW | 4 | bc | 54 | 44 | 9 | - | 3 | - | 4 | 4 | - | - | - | 0 | * |
| Hatston | 04.7 | +2 | W'N | 4 | c | 55 | 47 | 8 | 7 | 4 | - | 4 | 2 | 4 | 25 | 40 | * | * |
| Sumburgh | 03.5 | +2 | NW | 4 | bc | 56 | 46 | 9 | 7 | - | 8 | 4 | 2 | 4 | 20 | 40 | 0 | 2 |
| Sullom Voe | 02.8 | -2 | W'N | 4 | c | 55 | 46 | 9 | 2 | - | - | 5 | 5 | - | 15 | - | 0 | * |
| Blacksod Point | 11.3 | -10 | NW'W | 1 | ro/ro | 56 | 52 | 8 | 6 | 2 | - | 8 | 4 | - | 15 | - | 1 | 2 |
| Malin Head | 09.5 | -2 | WNW | 3 | c | 56 | 48 | 8 | 8 | - | - | 6 | 6 | - | 15 | - | 1 | 3 |
| Aldergrove | 10.3 | -2 | NW'W | 2 | c | 55 | 47 | 8 | 5 | 7 | - | 6 | 5 | 3 | 45 | - | 1 | * |
| Cas. Archdale | 11.3 | -4 | W'S | 3 | c/pr | 55 | 48 | 7 | 5 | 7 | - | 8 | 4 | 4 | 15 | 40 | 1 | * |
| Birr Castle | 12.2 | -6 | SSW | 1 | ir | 56 | 52 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - | 1 | * |
| Collinstown | 11.7 | 0 | WSW | 2 | c | 57 | 49 | 9 | 5 | 2 | - | 8 | 5 | - | 40 | - | 1 | * |
| Foynes | 12.6 | -14 | SW'W | 2 | ir/o | 57 | 52 | 8 | 5 | 7 | - | 8 | 2 | - | 15 | - | 1 | * |
| Valentia | 12.8 | -20 | SW'W | 1 | ro/ro | 57 | 55 | 7 | 5 | 2 | - | 8 | 8 | - | 40 | - | 1 | 1 |
| Roches Point | 13.4 | -10 | W | 1 | ro/ro | 59 | 54 | 8 | 6 | 2 | - | 8 | 4 | - | 15 | - | 1 | 3 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 28th (41) | Weather 12h.–18h. 28th (42) | Weather 18h.–00h. 28th / 00h.–06h. 29th (43) | Weather 00h.–06h. 29th (44) |
|---|---|---|---|---|
| Kew | c ro r c y c | c b c y c | c | c i r |
| Croydon | c r r m d c | b c y c y | c y c | c i r b |
| Boscombe Down | c r r m o b c | c b c y b c | c | c i r b d o c m o |
| Thorney Island | c m o b c c | c c y c | r o | c r o |
| Friston | | | | |
| Lympne | c m o r o d d m | c b c y c y | c y r c y c | c d b c i r o |
| Manston | c m o m i r o c | b c c y | c | c i r o p r o |
| North Weald | | b c y c | c y c | c c r o c m o |
| Felixstowe | c i r o b c | b c y b c | c | c c i r o c |
| Gorleston | c q | c q | b b c | c i d o |
| Mildenhall | c i r m o r r c | b c c p r o | c | c |
| Bircham Newton | r o r o c b | b c p r o c | c b c | c i r o c m o |
| Cranwell | c m o c | c | c c m o | c m o |
| Cranfield | c r o r o m o p r | b c p p r o c | c p r o c | c |
| Honiley | c | c | c | c c r o r o |
| Little Rissington | c b d m b c c | c | c c i r o c | c r o r o d o d o |
| Shobden | c p r o b c c | c | c i d o c v | c d o d o r o |
| Bristol | b c | c | p r o i r o i d o | c i r o c r o r o |
| Chivenor | c p r o b c | c | c r o r o | c r o r o m o |
| Yeovilton | c b c c p p | c c | c r o | r |
| Portland Bill | c | c c | c | c p r |
| Exeter | c r c b c p r c | c | c r o r o | r o r o c m o |
| Plymouth | b c c p r o | c c w | c r o r r r | c r o r o d o d o |
| St. Eval | b c c j p c | c | c r o r o | c r r m o |
| The Lizard | b c | c | c r r | r r |
| Scilly, St. Marys | c | c | c r r | o R R c |
| Fairwood | c b c c | c z c | c i r o c | c m o r r r o |
| Pembroke | c q | c | c i r o | c r o r o |
| Aberporth | c c p r o c b c | b c c | | c r o r o c |
| Penrhos | c b c | b c c | c c i r o | c r o r o b c c |
| Holyhead, Valley | c r r o c b c | b c c | c m o | c r c b c w |
| Hawarden | c m o r o p r c | c p r o c | c b c c | c b c c |
| Manchester | c t r r m o | c p r o c | c m o | b c u m o |
| Squires Gate | c p r o p r m o | c r r t l r c | c | c c m o |
| Silloth | c m o c i r o r o | c i r o c | c | c |
| Ashbourne | c i r o m o c p r | c b c c | c m o | c m o |
| Snaith | c m o p r o c | c | c b c | c b c m o |
| Spurn Head | c q | c | c | o c m o |
| Catterick (Sc.) | c i d o m o b c | c i r o c i r c | c | c b c c |
| Tynemouth | o i r o m o b c c | c o l l o c m o | c m o c | c m o |
| Acklington | c m m r r r | c b c y c | c b c | b b c c |
| St. Abb's Head | c m o r t i f o | o c | b c c | b c |
| Leuchars | c r r m o | c c y | c y c b c c | c c m o c c |
| Montrose | c r o r o m o | c r o r o m o c b c | b c c, | c |
| Abbotsinch | c i r o c | c c y | c y b c m o | c m o w c w |
| Prestwick | i r o c | c m o d d c i d o c | c | c |
| West Freugh | c r r c m o b p r o | c c p r o c | c | b c w c w |
| Eskdalemuir | c r o r o m o r r c | r r p r | c | c w |
| Jurby, I. of Man | i r o r f m o c | c | c | c b c b b c |
| Machrihanish | i r c b c | c | i r c | c i r c |
| Tiree | c c y | b c y c y c | c b c w | b c w p r o c |
| Oban | c b c b | b b c c | c | c |
| Stornoway | c | c y c p r o c | c i r o b c | b c c p r o c |
| Cape Wrath | j p c | c b c | c b c | c p r o |
| Dalwhinnie | o i r | o c | * | c o i r b |
| Aberdeen | c r o r o i r o c | c c r | c r c | c |
| Fraserburgh | c r o r o m o c | c | c | c b c c |
| Alness | c | c y c | c b c c | c c i r o c b c |
| Wick | c i r o c | c y c | v c b b c | c i d o d o b c |
| Hatston | p r c | c b c c | p r c b c | b c p b c c |
| Sumburgh | c | c b b | c b c b | b c |
| Sullom Voe | b c c p r o | c b c c | c b c | b c p r c |
| Blacksod Point | c | r | b c | o |
| Malin Head | r o r o | c | b c | p r |
| Aldergrove | r o r o m o p r o c | | c i d o c b c c b c w b c w | |
| Cas. Archdale | c b c c p r c | c y c j f | c i r c | c b c i r o c |
| Birr Castle | c | r | * | r |
| Collinstown | c | c | c | c |
| Foynes | c | c | p r | c |
| Valentia | c | r | c | b |
| Roches Point | c | r | r | c |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0=Nil 1=Trace 2=1/10 3=2/10 4=3/10 5=4/10 6=5/10 7=More than 9 but with openings. 8=Completely covered. 9=Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A=Lowest cloud present.
B=Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

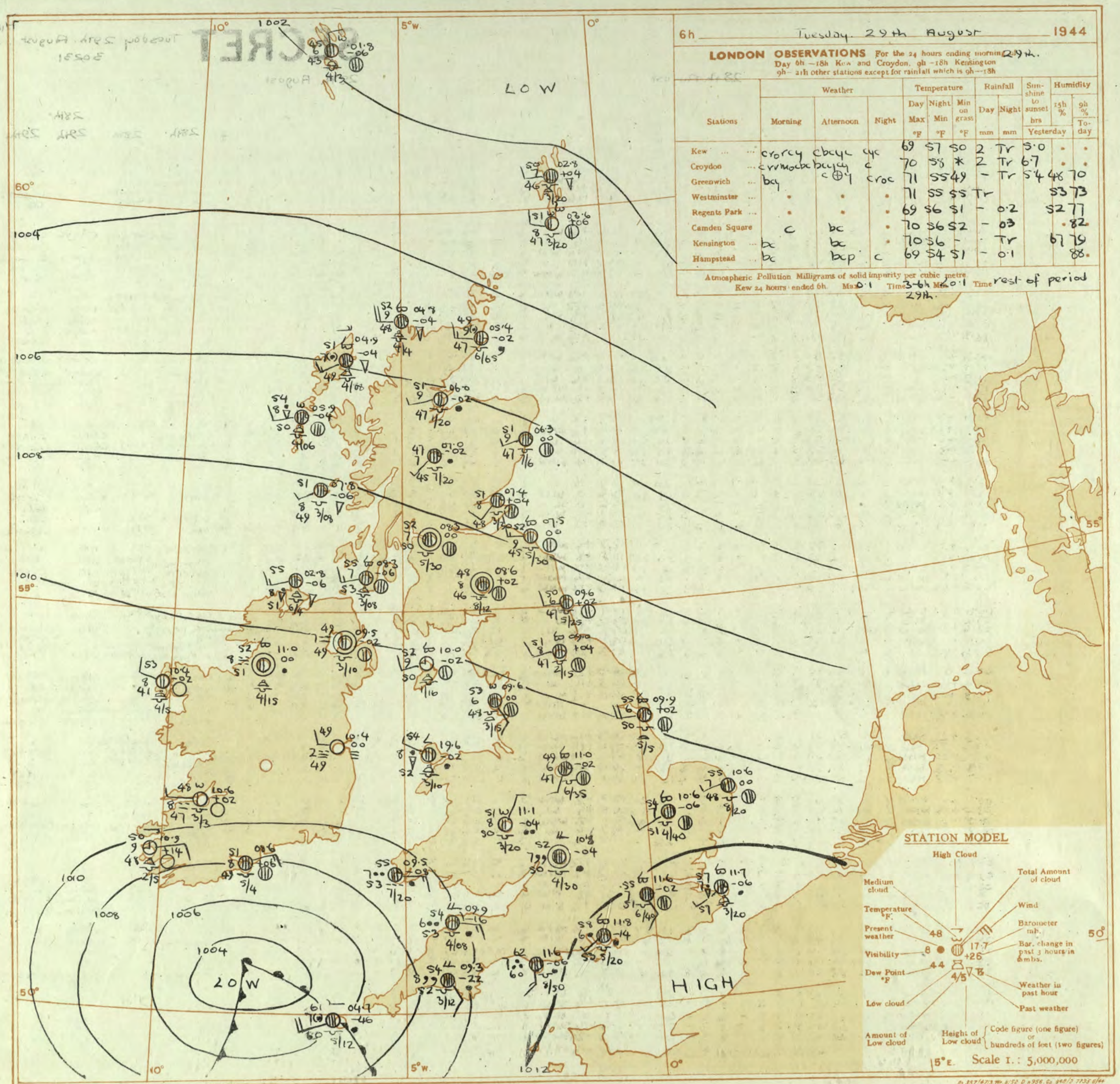
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Tuesday. 29th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning 29th.
Day 6h – 18h Kew and Croydon. 9h – 18h Kensington
9h – 21h other stations except for rainfall which is 9h – 18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs (Yesterday) | Humidity 15h % (Yesterday) | Humidity 9h % (To-day) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | c r o r c y | c b c y c | c y c | 69 | 57 | 50 | 2 | Tr | 5.0 | • | • |
| Croydon ... | c r v m o c b c | b c y c y | c | 70 | 58 | * | 2 | Tr | 6.7 | • | • |
| Greenwich ... | b c y | c ⊕ y | c r o c | 71 | 55 | 49 | – | Tr | 5.4 | 48 | 70 |
| Westminster ... | • | • | • | 71 | 55 | 55 | Tr | | | 53 | 73 |
| Regents Park ... | • | • | • | 69 | 56 | 51 | – | 0.2 | | 52 | 77 |
| Camden Square | c | b c | • | 70 | 56 | 52 | – | 0.3 | | • | 82 • |
| Kensington ... | b c | b c | • | 70 | 56 | – | | Tr | | 67 | 79 |
| Hampstead ... | b c | b c p | c | 69 | 54 | 51 | – | 0.1 | | | 88 • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max 0.1 Time 3-6h Min 0.1 Time rest of period 29th.




H.M.S.O. Press, W.O. Dunstable.

## GENERAL INFERENCE

A small depression off Southwest England is moving eastwards and another centred some 600 miles west of Southwest Ireland is expected to follow on a similar track.

It will be cloudy with rain at times over Southern England and South Wales at first. An improvement will spread east across the area, but further rain is expected to spread to Southwest England tomorrow morning. In other districts of the British Isles there will be bright periods and scattered showers. It will be generally rather cool.

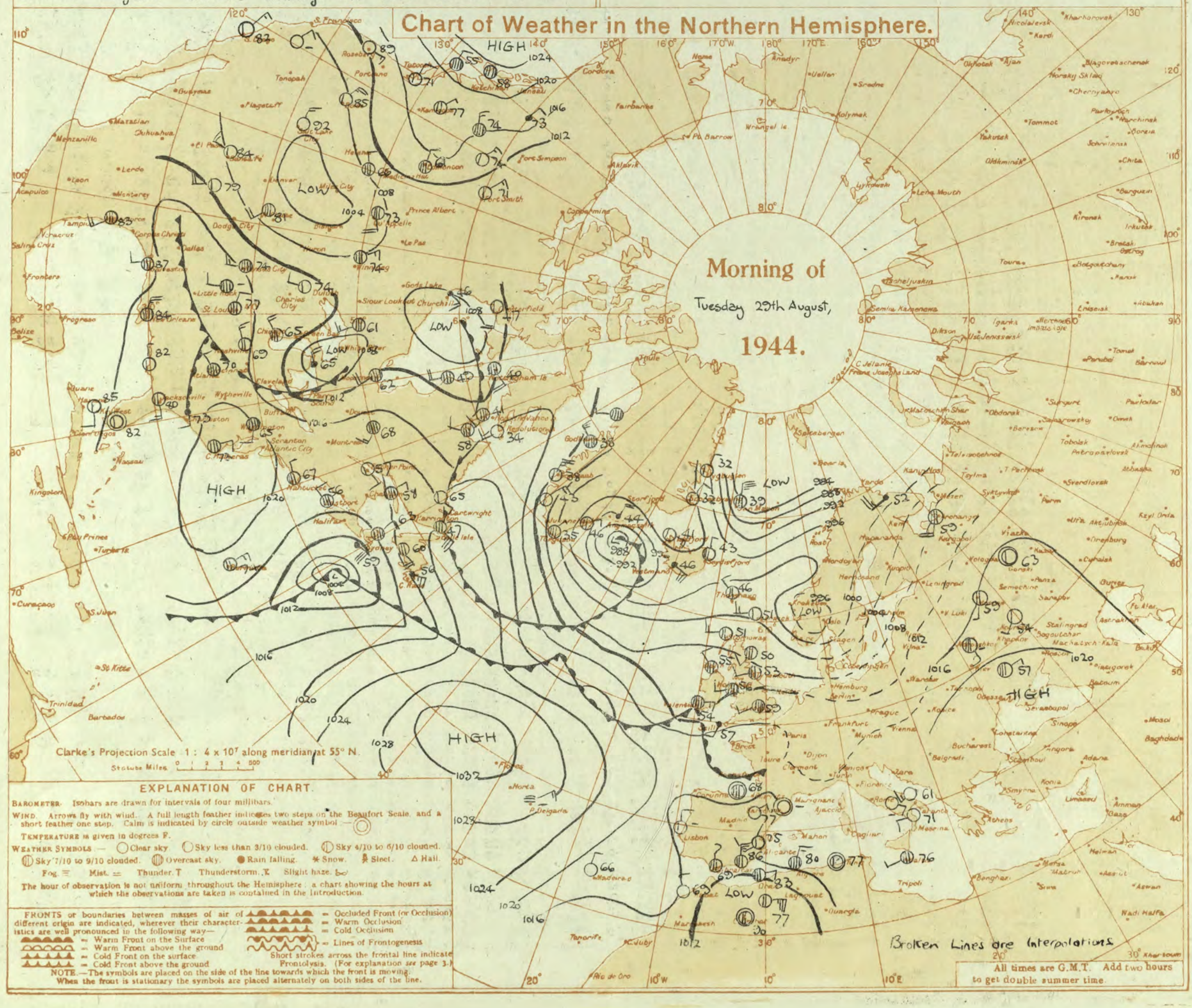
## FURTHER OUTLOOK

Further Outlook.

Unsettled.

# Chart of Weather in the Northern Hemisphere.

## Morning of Tuesday 29th August, 1944.




## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol —

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS — Clear sky. Sky less than 3/10 clouded. Sky 4/10 to 6/10 clouded. Sky 7/10 to 9/10 clouded. Overcast sky. Rain falling. Snow. Sleet. Hail. Fog. Mist. Thunder. Thunderstorm. Slight haze.

The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—

= Warm Front on the Surface
= Warm Front above the ground
= Cold Front on the surface
= Cold Front above the ground
= Occluded Front (or Occlusion)
= Warm Occlusion
= Cold Occlusion
= Lines of Frontogenesis

Short strokes across the frontal line indicate Frontolysis. (For explanation *see* page 3.)

NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Tuesday 29th August 1944

No. 30231

## OBSERVATIONS at 00hr. G.M.T. 29th August

| District | Stations | Height above M.S.L. in feet | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind Direc. (3) | Wind Force (4) | Weather. (5) | Temp. °F (6) | Dew Point °F. (7) | Visibility. 0–9 (8) | Cloud Form. Low. (9) | Cloud Form. Med. (10) | Cloud Form. High. (11) | Cloud Amount. Total. 0–9 (12) | Cloud Amount. Low. A. 0–9 (13) | Cloud Amount. Low. B. 0–9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | * | * | * | * | * | 59 | * | * | * | * | * | * | * | * | * | - |
| | Croydon | 217 | 13·1 | -2 | WSW | 1 | 2 | 59 | 48 | 6 | 5 | 7 | - | 8 | 2 | 8 | 30 | - |
| | Boscombe Down | 417 | 14·0 | -6 | SW'S | 3 | c | 55 | 51 | 7 | 5 | - | - | 8 | 3 | 8 | 40 | 72 |
| | Thorney Island | 10 | 14·1 | -2 | WNW | 3 | c | 59 | 53 | 7 | 5 | 2 | - | 8 | 3 | 4 | 15 | 40 |
| | Friston | - | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 13·6 | +2 | NNW | 2 | c | 56 | 53 | 7 | - | - | 7 | 8 | 8 | - | 200 | - |
| | Manston | 140 | 12·9 | +2 | NW | 2 | c | 59 | 47 | 7 | 5 | 7 | - | 7 | 3 | 7 | 40 | - |
| 2 | North Weald | 244 | 12·8 | -2 | W | 3 | c | 56 | 46 | 7 | 5 | 7 | - | 8 | 4 | 8 | 25 | - |
| | Felixstowe | 10 | 12·7 | +10 | WSW | 3 | c | 59 | 59 | 8 | 5 | 2 | - | 8 | 3 | 8 | 25 | - |
| | Gorleston | 5 | 11·0 | +6 | W | 1 | 2 | 53 | 49 | 6 | 5 | - | - | 5 | 5 | - | 20 | - |
| | Mildenhall | 15 | 12·0 | +2 | SW'W | 3 | c | 55 | 51 | 7 | 5 | 7 | - | 8 | 1 | 8 | 46 | - |
| | Bircham Newton | 221 | 11·3 | -6 | WSW | 2 | c | 54 | 50 | 7 | - | 7 | - | 8 | 8 | - | - | - |
| | Cranwell | 203 | 11·9 | +10 | SW'W | 2 | 2 | 54 | 50 | 6 | 5 | 2 | - | 8 | 3 | 8 | 35 | - |
| 3 | Cranfield | 340 | 12·1 | -2 | SSW | 2 | c | 54 | 48 | 8 | - | 7 | - | 7 | 7 | - | 80 | - |
| | Honiley | 427 | 11·3 | -2 | SW | 3 | c | 54 | 48 | 8 | 5 | - | - | 7 | 7 | - | 34 | - |
| 4 | Little Rissington | 731 | 12·0 | -10 | WSW | 1 | c/r | 54 | 47 | 8 | 5 | 7 | - | 8 | 4 | 8 | 30 | - |
| | Shobden | 318 | 12·2 | -10 | W | 1 | c/d | 54 | 49 | 7 | 5 | 7 | - | 8 | 3 | 8 | 25 | - |
| 5 | Bristol | 209 | 13·3 | -8 | SW | 2 | id. | 56 | 48 | 8 | - | 2 | - | 8 | 8 | - | 80 | - |
| | Chivenor | 20 | 13·1 | -4 | SE'E | 2 | ir | 56 | 52 | 7 | 5 | 2 | - | 8 | 5 | 8 | 12 | 40 |
| | Yeovilton | 50 | 13·4 | -8 | SW | 1 | ir | 58 | 53 | 6 | 5 | 2 | - | 8 | 4 | 8 | 20 | 72 |
| | Portland Bill | 32 | 13·8 | -4 | W | 3 | c | 62 | 57 | 8 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 100 | 13·6 | -8 | - | 0 | fog | 56 | 54 | 7 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Plymouth | 86 | 13·7 | -14 | - | 0 | m | 57 | 54 | 7 | 5 | 2 | - | 8 | 4 | 4 | 10 | 40 |
| | St. Eval | 345 | 13·6 | -14 | SSW | 1 | m | 55 | 54 | 7 | 5 | 2 | - | 8 | 4 | 8 | 2 | 40 |
| | The Lizard | 240 | 13·3 | -4 | SW | 3 | m | 58 | 52 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Scilly, St. Marys | 163 | 13·0 | -14 | SSW | 2 | m | 57 | 51 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 6 | Fairwood | 268 | 12·6 | -14 | - | 0 | c/d | 55 | 51 | 8 | 5 | 2 | - | 8 | 4 | 8 | 30 | 40 |
| | Pembroke | 142 | 12·3 | -6 | SW'W | 2 | fog | 57 | 51 | 8 | 8 | - | - | 5 | 5 | - | 25 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 11·4 | -6 | - | 0 | fog | 54 | 51 | 7 | 5 | 2 | - | 8 | 6 | 8 | 25 | 72 |
| | Holyhead, Valley | 32 | 11·0 | -6 | W'S | 2 | c | 56 | 50 | 8 | 5 | 7 | - | 8 | 4 | 6 | 37 | 57 |
| | Hawarden | 15 | 11·0 | -8 | SSW | 1 | c | 51 | 49 | 7 | 5 | - | - | 8 | 8 | - | 50 | - |
| 8 | Manchester | 230 | 11·0 | +4 | WSW | 2 | bc | 53 | 48 | 6 | 5 | - | - | 4 | 4 | 8 | 37 | - |
| | Squires Gate | 30 | 10·4 | -4 | WNW | 4 | c | 57 | 47 | 7 | 5 | - | - | 7 | 7 | - | 40 | - |
| | Silloth | 25 | 10·0 | +2 | W'S | 3 | ebc | 55 | 47 | 8 | 5 | 7 | - | 5 | 3 | 5 | 20 | 40 |
| 9 | Ashbourne | 590 | 11·7 | -2 | SSW | 1 | 2 | 50 | 47 | 6 | 5 | - | - | 5 | 3 | 5 | 20 | 72 |
| | Snaith | 30 | 10·9 | +2 | WSW | 3 | ebc | 54 | 49 | 7 | 5 | 7 | 6 | 5 | 4 | 3 | 40 | - |
| 10 | Spurn Head | 29 | 10·1 | 0 | W | 4 | ebc | 56 | 50 | 7 | 8 | - | - | 5 | 5 | - | 15 | - |
| | Catterick (Sc) | 195 | 09·3 | +6 | SW | 3 | c | 51 | 45 | 7 | 5 | 1 | - | 8 | 3 | 8 | 50 | - |
| | Tynemouth | 108 | 09·3 | +6 | WSW | 2 | ebc | 53 | 48 | 7 | 2 | - | - | 5 | 5 | - | - | - |
| | Acklington | 138 | 08·4 | +6 | WSW | 2 | ebc | 50 | 45 | 7 | 5 | - | - | 5 | 5 | - | 25 | - |
| 11 | St. Abb's Head | 280 | 08·0 | +2 | W | 2 | bc | 53 | 42 | 8 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Leuchars | 31 | 07·8 | 0 | WSW | 2 | c | 51 | 43 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Montrose | 22 | * | * | W | 2 | c | 50 | 45 | 8 | 5 | - | - | 8 | 3 | 8 | 20 | 57 |
| 12 | Abbotsinch | 19 | 08·8 | -4 | SW'W | 1 | 2 | 53 | 49 | 6 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Prestwick | 30 | 09·2 | -6 | SW | 3 | c | 55 | 51 | 8 | 5 | - | - | 7 | 4 | 5 | 22 | 40 |
| | West Freugh | 53 | 09·7 | -2 | WSW | 1 | c | 54 | 50 | 8 | 5 | 2 | - | 8 | 4 | 8 | 30 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 10·6 | -2 | SSW | 2 | c | 53 | 48 | 8 | 5 | 7 | - | 8 | 4 | 8 | 25 | 30 |
| 13A | Machrihanish | 35 | 09·4 | -2 | SW | 2 | c | 55 | 51 | 8 | 5 | 7 | - | 6 | 3 | 5 | 15 | 25 |
| | Tiree | 44 | 08·7 | -2 | WSW | 1 | ebc | 52 | 50 | 7 | 5 | - | - | 5 | 5 | - | 15 | - |
| | Oban | 74 | 08·9 | -8 | SW | 2 | c | 52 | 50 | 9 | 5 | - | - | 7 | 7 | - | 20 | - |
| 13B | Stornoway | 12 | 05·7 | -8 | WSW | 3 | bc | 51 | 48 | 8 | 5 | - | 2 | 4 | 4 | 3 | 25 | - |
| | Cape Wrath | 367 | 05·4 | -2 | W | 4 | bc | 53 | 47 | 8 | 8 | 6 | - | 4 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 06·7 | +2 | SSW | 2 | c | 50 | 46 | 8 | 5 | - | - | 7 | 4 | 7 | 25 | 57 |
| | Fraserburgh | 76 | 06·4 | +2 | WNW | 3 | c | 54 | 48 | 9 | 5 | - | - | 8 | 4 | 8 | 25 | 40 |
| | Alness | 63 | 06·6 | -2 | WSW | 2 | c | 52 | 48 | 8 | 5 | - | - | 7 | 7 | - | 34 | - |
| | Wick | 114 | 05·7 | -10 | WSW | 3 | bc | 49 | 47 | 8 | 5 | - | - | 4 | 4 | - | 50 | - |
| 16 | Hatston | 45 | 04·8 | +2 | W | 3 | bc | 49 | 46 | 7 | 2 | - | - | 4 | 4 | - | 15 | - |
| | Sumburgh | 15 | 03·1 | -2 | WNW | 4 | b | 52 | 47 | 8 | - | - | 1 | 2 | 2 | - | - | - |
| | Sullom Voe | 12 | 02·6 | -2 | W | 3 | b-bc | 51 | 47 | 8 | 1 | - | - | 3 | 2 | - | 15 | - |
| 17 | Blacksod Point | 18 | 11·1 | -2 | NNW | 1 | b-bc | 52 | 50 | 8 | 5 | - | - | 3 | 3 | - | 15 | - |
| 18 | Malin Head | 84 | 09·1 | -6 | NWN | 2 | ebc | 55 | 46 | 8 | 8 | - | - | 5 | 5 | - | 15 | - |
| | Aldergrove | 294 | 10·4 | 0 | SSW | 1 | c | 53 | 51 | 8 | 5 | - | - | 7 | 4 | 7 | 25 | 40 |
| | Cas. Archdale | 240 | 11·2 | -2 | SW | 1 | c | 53 | 51 | 7 | 5 | 7 | - | 8 | 4 | 5 | 15 | 40 |
| 19 | Birr Castle | 173 | 11·4 | -6 | WSW | 2 | c | 52 | 50 | 8 | 5 | 2 | - | 8 | 4 | - | 25 | - |
| | Collinstown | 220 | 10·7 | -14 | - | 0 | bc/pr | 51 | 50 | 8 | 8 | - | - | 4 | 4 | - | 19 | - |
| 20 | Foynes | 3 | 09·1 | -22 | E'N | 3 | ebc | 54 | 50 | 8 | 3 | 7 | - | 5 | 2 | - | 32 | - |
| | Valentia | 30 | 10·1 | -22 | S'E | 1 | m | 54 | 53 | 7 | 6 | 2 | - | 3 | 4 | - | 8 | - |
| | Roches Point | 22 | | | | | | | | | | | | | | | | |

Minimum Temperatures and Rainfall Read at 0200 G.M.T.

## OBSERVATIONS at 06hr. G.M.T. 29th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind Direc. (19) | Wind Force (20) | Weather. (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility. 0–9 (24) | Cloud Form. Low. (25) | Cloud Form. Med. (26) | Cloud Form. High. (27) | Cloud Amount. Total. 0–9 (28) | Cloud Amount. Low. A. 0–9 (29) | Cloud Amount. Low. B. 0–9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0–9 (33) | Sea. 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 11·5 | -4 | SW'W | 1 | fog | 58 | 52 | 8 | 5 | 3 | - | 8 | 3 | 6 | 31 | 40 | 1 | * |
| Croydon | 11·6 | -2 | SSE | 2 | c | 55 | 51 | 7 | 5 | 7 | - | 8 | 6 | 8 | 40 | - | 0 | * |
| Boscombe Down | 12·2 | +2 | SW | 1 | fog | 54 | 51 | 6 | 5 | - | - | 6 | 3 | 6 | 15 | 40 | 1 | * |
| Thorney Island | 11·8 | -14 | SW | 1 | fog | 58 | 53 | 6 | 5 | 7 | - | 8 | 5 | 8 | 20 | - | 1 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 12·2 | +2 | SSE | 1 | c/r | 55 | 53 | 7 | 6 | 7 | - | 6 | 2 | 6 | 17 | 72 | 0 | § 1 |
| Manston | 11·7 | -6 | WSW | 1 | pr | 57 | 57 | 7 | 8 | 7 | 3 | 7 | 3 | 4 | 20 | 40 | 1 | * |
| North Weald | 11·3 | -2 | SSW | 2 | 2 | 54 | 51 | 5 | 5 | 7 | - | 7 | 4 | 7 | 50 | - | 1 | * |
| Felixstowe | 11·5 | -6 | SW | 2 | c | 57 | 49 | 8 | 1 | 9 | - | 6 | 2 | 6 | 35 | - | 0 | 4 |
| Gorleston | 10·6 | 0 | WSW | 1 | c | 55 | 48 | 7 | 5 | - | - | 8 | 8 | - | 20 | - | 0 | 2 |
| Mildenhall | 10·6 | -6 | SW | 2 | c | 54 | 51 | 7 | 5 | 7 | - | 8 | 4 | 8 | 40 | - | 0 | * |
| Bircham Newton | 10·6 | +2 | SW | 1 | 2 | 51 | 49 | 6 | 5 | 9 | - | 7 | 4 | 7 | 35 | - | 0 | * |
| Cranwell | 10·5 | +2 | WSW | 2 | 2 | 51 | 49 | 6 | - | 7 | 7 | 7 | 5 | 7 | 20 | - | 1 | * |
| Cranfield | 12·0 | +4 | SSW | 1 | 2 | 53 | 51 | 7 | 5 | 2 | - | 7 | 3 | 7 | 50 | - | 1 | * |
| Honiley | 10·7 | -2 | SW | 2 | c/r | 51 | 51 | 6 | 5 | 9 | - | 6 | 4 | 6 | 45 | - | 1 | * |
| Little Rissington | 10·8 | -4 | - | 0 | dodo | 52 | 50 | 7 | 5 | 2 | - | 8 | 4 | 5 | 30 | 57 | 1 | * |
| Shobden | 11·1 | -4 | NNE | 1 | bc/r | 51 | 50 | 8 | 5 | 5 | - | 4 | 3 | 4 | 20 | 40 | 1 | * |
| Bristol | 11·8 | -2 | S | 2 | fog | 54 | 52 | 6 | 5 | 7 | - | 8 | 3 | 8 | 30 | - | 0 | * |
| Chivenor | 09·9 | -16 | E'S | 3 | fog | 54 | 53 | 6 | 5 | 2 | - | 8 | 4 | 8 | 8 | 25 | 1 | * |
| Yeovilton | 11·0 | -6 | - | 0 | ir | 55 | 54 | 7 | 5 | 2 | - | 7 | 3 | 7 | 20 | 40 | 1 | * |
| Portland Bill | 11·6 | -6 | S | 3 | m | 62 | 60 | 7 | 5 | - | - | 8 | 8 | - | 50 | - | 1 | 3 |
| Exeter | 11·2 | -12 | - | 0 | 2 | 55 | 54 | 6 | 5 | - | - | 8 | 4 | 8 | 15 | 40 | 1 | * |
| Plymouth | 09·3 | -22 | SE'S | 2 | dodo | 54 | 52 | 8 | 5 | 2 | - | 8 | 3 | 5 | 12 | 40 | 1 | 1 |
| St. Eval | 06·8 | -36 | SE'S | 6 | m | 55 | 55 | 6 | 5 | 2 | - | 8 | 6 | 8 | 4 | 25 | 1 | * |
| The Lizard | 06·5 | -44 | S | 5 | m | 59 | 59 | 6 | - | - | - | 8 | 8 | - | 6 | - | 1 | 5 |
| Scilly, St. Marys | 04·7 | -46 | WSW | 4 | ebep | 61 | 60 | 7 | 5 | - | 5 | 5 | 5 | 2 | 12 | - | 1 | 4 |
| Fairwood | 10·1 | -8 | ESE | 1 | fog | 53 | 53 | 6 | 5 | 2 | - | 7 | 4 | 3 | 15 | 25 | * | * |
| Pembroke | 09·5 | -8 | E | 3 | fog | 55 | 53 | 7 | 6 | - | - | 7 | 7 | - | 20 | - | 1 | 3 |
| Aberporth | 10·2 | -8 | S | 2 | c | 51 | 49 | 9 | 2 | 7 | - | 6 | 2 | 6 | 15 | - | 1 | 3 |
| Penrhos | 10·0 | -2 | NW | 1 | ep | 52 | 51 | 8 | 8 | 7 | - | 7 | 2 | 6 | 17 | 25 | 0 | 1 |
| Holyhead, Valley | 10·6 | -2 | WNW | 1 | PR | 54 | 52 | 8 | 8 | 1 | - | 5 | 3 | 4 | 10 | 15 | 1 | 2 |
| Hawarden | 10·2 | +2 | SSW | 2 | c | 50 | 49 | 8 | 5 | - | - | 7 | 7 | - | 30 | - | 0 | * |
| Manchester | 10·5 | +4 | SW | 2 | c | 51 | 49 | 6 | 5 | 3 | - | 7 | 7 | - | 40 | - | 1 | * |
| Squires Gate | 09·6 | 0 | SSE | 2 | 2 | 53 | 48 | 6 | 7 | 3 | - | 8 | 3 | 4 | 15 | 40 | 0 | * |
| Silloth | 09·4 | 0 | W | 2 | c | 55 | 49 | 8 | 5 | - | - | 6 | 3 | 6 | 15 | 25 | 0 | * |
| Ashbourne | 11·0 | -2 | SSW | 1 | 2 | 49 | 47 | 6 | 5 | 7 | - | 7 | 6 | 7 | 35 | - | 0 | * |
| Snaith | 10·1 | 0 | WSW | 1 | 2 | 52 | 49 | 6 | 5 | 7 | 6 | 7 | 4 | 4 | 35 | - | 0 | * |
| Spurn Head | 09·9 | +2 | W | 4 | 2 | 55 | 50 | 6 | 7 | 7 | - | 7 | 5 | 3 | 25 | 57 | 0 | 3 |
| Catterick (Sc) | 09·0 | +4 | W'S | 2 | c | 51 | 47 | 8 | 5 | 7 | - | 6 | 2 | 5 | 15 | 40 | 1 | * |
| Tynemouth | 09·6 | +2 | W | 2 | 2 | 50 | 47 | 6 | 5 | - | - | 5 | 5 | - | 25 | - | 1 | 2 |
| Acklington | 08·1 | +20 | SW | 2 | c | 49 | 45 | 8 | 5 | 7 | - | 7 | 5 | 7 | 30 | - | 1 | * |
| St. Abb's Head | 07·5 | 0 | W | 3 | ebc | 52 | 45 | 9 | 5 | 7 | - | 5 | 5 | 2 | 30 | - | 0 | 3 |
| Leuchars | 07·4 | +4 | SW | 2 | c | 51 | 48 | 8 | 5 | - | - | 7 | 3 | 7 | 30 | 57 | 1 | * |
| Montrose | * | * | SW | 2 | c | 50 | 46 | 8 | 5 | - | - | 7 | 2 | 7 | 20 | 40 | 0 | * |
| Abbotsinch | 08·3 | 0 | - | 0 | ebc | 52 | 50 | 7 | 5 | - | - | 5 | 5 | - | 30 | - | 1 | * |
| Prestwick | 02·8 | -2 | SW'W | 3 | c | 54 | 50 | 7 | 5 | - | - | 6 | 4 | 5 | 19 | 40 | 0 | * |
| West Freugh | 09·1 | +2 | WNW | 1 | ebc | 49 | 47 | 8 | 5 | - | - | 5 | 2 | 5 | 15 | 40 | 0 | * |
| Eskdalemuir | 08·6 | +2 | - | 0 | c | 48 | 46 | 8 | 5 | - | - | 8 | 8 | - | 12 | - | 1 | * |
| Jurby, I. of Man | 10·0 | -2 | W'S | 2 | to | 52 | 50 | 9 | 8 | 7 | - | 2 | 1 | 1 | 16 | - | 0 | * |
| Machrihanish | 08·3 | -6 | W'S | 3 | c | 55 | 53 | 7 | 8 | 7 | - | 6 | 3 | 5 | 8 | 15 | 1 | 2 |
| Tiree | 07·8 | -6 | WSW | 1 | c | 51 | 49 | 8 | 5 | - | - | 6 | 3 | 6 | 8 | 25 | 1 | 1 |
| Oban | 07·7 | -6 | SW | 1 | c | 52 | 50 | 9 | 8 | - | - | 6 | 4 | 6 | 20 | 40 | 0 | 1 |
| Stornoway | 04·9 | -4 | SW | 3 | c/p | 51 | 49 | 7 | 8 | 7 | 2 | 7 | 4 | 6 | 8 | 25 | 1 | 2 |
| Cape Wrath | 04·8 | -4 | W | 4 | pr | 52 | 48 | 9 | 8 | 7 | - | 7 | 4 | - | 15 | - | 1 | 4 |
| Dalwhinnie | 07·0 | -2 | SW | 1 | c | 47 | 45 | 7 | 5 | - | - | 7 | 7 | - | 20 | - | 1 | * |
| Aberdeen† | 06·5 | 0 | WSW | 1 | c | 51 | 47 | 9 | 5 | - | - | 7 | 7 | - | 40 | - | 1 | 2 |
| Fraserburgh | 06·5 | +2 | WSW | 3 | ebc | 50 | 48 | 9 | 5 | - | - | 5 | 3 | 5 | 20 | 40 | 0 | 4 |
| Alness | 06·0 | -2 | WSW | 1 | bc | 51 | 47 | 8 | 5 | - | - | 4 | 1 | 4 | 20 | 40 | 0 | * |
| Wick | 05·4 | -2 | W | 3 | c/p | 49 | 47 | 8 | 5 | - | - | 6 | 6 | - | 65 | - | 1 | * |
| Hatston | 04·3 | -2 | - | 0 | ebc | 51 | 49 | 8 | 8 | 4 | - | 5 | 3 | 4 | 15 | 25 | * | * |
| Sumburgh | 03·6 | +6 | WNW | 2 | bc | 51 | 47 | 8 | 5 | 3 | 3 | 4 | 3 | 3 | 20 | - | 0 | 2 |
| Sullom Voe | 02·8 | +4 | W | 2 | c | 50 | 46 | 7 | 7 | - | - | 8 | 3 | 8 | 20 | 25 | 0 | * |
| Blacksod Point | 10·4 | -2 | WNW | 1 | bc | 53 | 51 | 8 | 8 | - | - | 4 | 4 | - | 25 | - | 1 | 2 |
| Malin Head | 02·8 | -6 | W'S | 3 | pr | 55 | 51 | 8 | 8 | - | - | 6 | 6 | - | 15 | - | 1 | 1 |
| Aldergrove | 09·5 | -2 | - | 0 | fg | 49 | 49 | 7 | 5 | - | - | 4 | 3 | 4 | 10 | 25 | 1 | * |
| Cas. Archdale | 11·0 | 0 | - | 0 | if | 52 | 51 | 8 | 8 | 7 | - | 4 | 4 | 4 | 15 | 25 | 1 | * |
| Birr Castle | 10·4 | +2 | N | 1 | c | 50 | 49 | 7 | 5 | - | - | 8 | 8 | - | 25 | - | 1 | * |
| Collinstown | 10·4 | 0 | WN | 2 | bf+ | 49 | 48 | 2 | - | - | - | 0 | 0 | 0 | - | - | 1 | * |
| Foynes | 10·6 | +2 | W | 1 | fg | 48 | 47 | 8 | 5 | 3 | - | 3 | 3 | - | 7 | - | 1 | * |
| Valentia | 10·0 | +14 | ENE | 2 | b | 50 | 48 | 9 | 8 | - | 3 | 2 | 2 | - | 25 | - | 1 | 2 |
| Roches Point | 08·6 | +6 | ENE | 3 | ebc | 51 | 49 | 8 | 5 | - | - | 5 | 5 | - | 15 | - | 1 | 2 |

Station 103 Read at 0700 G.M.T.

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h-18h °F. (35) | Temperature. Min. Night 18h-6h °F. (36) | Temperature. Min. on Grass °F. (37) | Rainfall. Day 6h-18h mm. (38) | Rainfall. Night 18h-6h mm. (39) | Sunshine 28th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew | 69 | 57 | 50 | 2 | Tr | 5·0 |
| Croydon | 70 | 58 | 4 | 2 | Tr | 6·7 |
| Boscombe Down | 67 | 52 | 52 | - | 0·4 | 6·2 |
| Thorney Island | 71 | 55 | 52 | 2 | 0·3 | * |
| Friston | | | | | | |
| Lympne | 72 | 54 | 45 | 1 | Tr | 4·5 |
| Manston | 72 | 54 | 52 | Tr | 0·1 | 3·7 |
| North Weald | 72 | 53 | * | * | * | * |
| Felixstowe | 70 | 56 | 54 | 1 | Tr | 5·9 |
| Gorleston | 69 | 55 | 51 | 0·6 | Tr | 5·6 |
| Mildenhall | 69 | 53 | 51 | 2 | - | 5·4 |
| Bircham Newton | 65 | 51 | 49 | 1 | 0·2 | * |
| Cranwell | 64 | 51 | 46 | 1 | - | 6·1 |
| Cranfield | 64 | 52 | 50 | Tr | Tr | * |
| Honiley | 65 | 51 | 49 | 13 | Tr | * |
| Little Rissington | - | 51 | 47 | 0·2 | 0·2 | * |
| Shobden | 63 | 50 | 43 | 1 | 1 | * |
| Bristol | 67 | 54 | 50 | Tr | 0·1 | 5·4 |
| Chivenor | 65 | 54 | 53 | Tr | 2 | * |
| Yeovilton | 65 | 54 | 53 | - | 1 | * |
| Portland Bill | 65 | 57 | * | 0·3 | 3 | * |
| Exeter | 66 | 54 | 53 | - | 4 | * |
| Plymouth | 65 | 53 | 52 | Tr | 10 | 7·8 |
| St. Eval | 63 | 52 | 52 | - | 10 | * |
| The Lizard | 66 | 57 | * | - | 10 | 8·7 |
| Scilly, St. Marys | 68 | 56 | * | - | 26 | 8·7 |
| Fairwood | - | 52 | 52 | - | 8 | * |
| Pembroke | 61 | 53 | * | - | 6 | 3·9 |
| Aberporth | 62 | 51 | 48 | 0·1 | 4 | 5·1 |
| Penrhos | 72 | 48 | 45 | Tr | Tr | * |
| Holyhead, Valley | 63 | 53 | 48 | Tr | Tr | * |
| Hawarden | 64 | 49 | 45 | 0·1 | - | 0·0 |
| Manchester | 61 | 49 | 49 | 3 | - | * |
| Squires Gate | 62 | 52 | 49 | 3 | Tr | * |
| Silloth | 62 | 54 | 49 | 3 | Tr | * |
| Ashbourne | 59 | 47 | 42 | Tr | - | * |
| Snaith | 64 | 51 | 49 | - | - | * |
| Spurn Head | 64 | 54 | * | 0·3 | 0·3 | 3·6 |
| Catterick (Sc) | 64 | 48 | 46 | - | - | 2·1 |
| Tynemouth | 65 | 49 | 49 | 5 | - | * |
| Acklington | 61 | 47 | 43 | 1½ | 0·1 | * |
| St. Abb's Head | 57 | 50 | * | 2 | - | * |
| Leuchars | 62 | 49 | 41 | 2 | Tr | 2·0 |
| Montrose | 61 | * | 41 | 2 | - | * |
| Abbotsinch | 63 | 50 | 47 | 1 | Tr | 4·2 |
| Prestwick | 64 | 52 | 51 | 2 | - | * |
| West Freugh | 61 | 47 | 44 | 2 | - | * |
| Eskdalemuir | 57 | 45 | 39 | 5 | - | 0·4 |
| Jurby, I. of Man | 59 | 51 | 46 | 5 | - | * |
| Machrihanish | 60 | 52 | * | 5 | 0·2 | * |
| Tiree | 60 | 49 | 46 | - | 0·4 | 3·8 |
| Oban | 61 | 51 | * | - | - | * |
| Stornoway | 60 | 48 | 44 | - | Tr | 2·1 |
| Cape Wrath | 66 | 52 | * | - | 0·6 | * |
| Dalwhinnie | 54 | 46 | 44 | 2 | 1 | 0·2 |
| Aberdeen† | 62 | 51 | 48 | 2 | - | 0·9 |
| Fraserburgh | 56 | 47 | 45 | 2 | 0·3 | * |
| Alness | 60 | 49 | 42 | - | Tr | * |
| Wick | 58 | 47 | 42 | Tr | 0·5 | * |
| Hatston | * | * | * | * | * | * |
| Sumburgh | 58 | 50 | 42 | - | - | 3·9 |
| Sullom Voe | 58 | 44 | 39 | Tr | Tr | * |
| Blacksod Point | 59 | 50 | * | 0·2 | - | * |
| Malin Head | 59 | 53 | * | 0·5 | 1 | 1·4 |
| Aldergrove | 58 | 49 | 43 | 0·4 | 0·1 | 0·2 |
| Cas. Archdale | 60 | 51 | 48 | Tr | 3 | * |
| Birr Castle | 60 | 45 | 38 | 0·5 | 0·5 | 1·7 |
| Collinstown | 60 | 46 | 42 | - | Tr | 3·2 |
| Foynes | 62 | 47 | 42 | 0·1 | 1 | 2·2 |
| Valentia | 61 | 49 | 41 | 3 | 5 | 0·3 |
| Roches Point | 62 | 51 | * | 0·6 | 5 | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

SECRET

30th August 1944

No. 30232

## OBSERVATIONS at 12h. G.M.T. 29th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp °F (6) | Dew Point °F (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0-9 (12) | Cloud Amount Low A 0-9 (13) | Cloud Amount Low B 0-9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 10·3 | -12 | SW'S | 1 | iro | 65 | 52 | 7 | 2 | 1 | – | 8 | 5 | 8 | 35 | – |
| | Croydon | 10·2 | +12 | – | 0 | c/pr | 64 | 44 | 7 | 4 | 1 | – | 7 | 4 | 7 | 30 | – |
| | Boscombe Down | 11·1 | -8 | E'N | 2 | roro | 58 | 55 | 6 | 5 | – | – | 8 | 3 | 8 | 7 | 15 |
| | Thorney Island | 10·5 | -10 | SSE | 2 | iro | 62 | 55 | 8 | 5 | 7 | – | 8 | 4 | 8 | 20 | – |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 11·1 | -10 | S'E | 3 | c | 61 | 51 | 8 | 7 | – | – | 7 | 3 | 7 | 25 | 57 |
| | Manston | 11·5 | -4 | – | 0 | roro | 58 | 53 | 6 | 8 | – | – | 8 | 4 | 5 | 18 | 40 |
| 2 | North Weald | 11·1 | -4 | – | 0 | c | 64 | 48 | 7 | 1 | 7 | – | 5 | 4 | 5 | 30 | – |
| | Felixstowe | 11·4 | -10 | W | 2 | c | 65 | 51 | 8 | 8 | – | – | 5 | 4 | 4 | 20 | – |
| | Gorleston | 10·1 | -10 | NW | 1 | c | 66 | 51 | 7 | 1 | – | – | 5 | 5 | – | 25 | – |
| | Mildenhall | 10·2 | -10 | WSW | 1 | bc | 63 | 50 | 8 | 1 | 3 | – | 4 | 1 | 4 | 20 | 25 |
| | Bircham Newton | 10·3 | -6 | WSW | 3 | bc | 64 | 46 | 8 | 2 | 6 | – | 4 | 3 | 4 | 30 | – |
| | Cranwell | 09·8 | -6 | N'W | 2 | 20 | 54 | 47 | 6 | 1 | 7 | – | 5 | 4 | 4 | 30 | – |
| 3 | Cranfield | 11·3 | -4 | S | 1 | c | 64 | 59 | 8 | 2 | 6 | – | 5 | 4 | 5 | 30 | – |
| | Honiley | 09·8 | -6 | S | 1 | c | 62 | 49 | 8 | 2 | 7 | – | 6 | 4 | 5 | 25 | – |
| 4 | Little Rissington | 09·2 | -14 | ESE | 3 | c | 61 | 50 | 8 | 5 | 7 | 9 | 7 | 5 | 6 | 20 | – |
| | Shobden | 09·5 | -10 | SE | 2 | c | 61 | 52 | 8 | 8 | – | – | 5 | 4 | 4 | 25 | 57 |
| 5 | Bristol | 09·5 | -14 | E | 2 | roro | 58 | 55 | 5 | 5 | 2 | – | 8 | 5 | 8 | 8 | 37 |
| | Chivenor | 07·7 | -10 | E | 3 | dodo | 58 | 56 | 7 | 5 | 2 | – | 8 | 4 | 8 | – | 15 |
| | Yeovilton | 09·0 | -8 | E | 4 | dodo | 58 | 56 | 6 | 6 | 2 | – | 8 | 5 | 7 | 4 | 8 |
| | Portland Bill | 09·4 | -10 | SE | 4 | rr | 61 | 59 | 7 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Exeter | 07·6 | -14 | ESE | 3 | dodo | 58 | 57 | 5 | 6 | 2 | – | 8 | 5 | 8 | 8 | 25 |
| | Plymouth | 06·1 | -12 | SE | 2 | ido | 60 | 59 | 5 | 5 | – | – | 8 | 5 | 8 | 4 | 15 |
| | St. Eval | 05·4 | -6 | SE | 2 | c | 65 | 61 | 7 | 8 | – | – | 6 | 4 | 6 | 13 | 40 |
| | The Lizard | 05·7 | 0 | W | 4 | c | 64 | 62 | 8 | 7 | 5 | – | 5 | 4 | 4 | 20 | 40 |
| | Scilly, St. Marys | 04·9 | +2 | W'S | 2 | c | 68 | 63 | 8 | 8 | – | – | 7 | 7 | – | 12 | – |
| 6 | Fairwood | 08·6 | -6 | E'S | 3 | c/r | 58 | 53 | 8 | 8 | 7 | – | 8 | 4 | 4 | 12 | 25 |
| | Pembroke | 08·5 | -2 | NE'E | 3 | c | 61 | 54 | 8 | 8 | 6 | – | 7 | 5 | 2 | 25 | – |
| | Aberporth | 09·4 | -6 | NE | 3 | c | 58 | 52 | 9 | 4 | 3 | – | 6 | 1 | 5 | 25 | 40 |
| 7 | Penrhos | 09·1 | -10 | SE | 2 | bc | 64 | 53 | 9 | 2 | – | 1 | 4 | 1 | 3 | 25 | 40 |
| | Holyhead, Valley | 10·2 | -4 | NW | 2 | c | 61 | 52 | 8 | 8 | – | 2 | 5 | 4 | 4 | 20 | – |
| | Hawarden | 09·4 | -10 | – | 0 | c | 63 | 51 | 8 | 2 | – | – | 5 | 5 | – | 35 | – |
| 8 | Manchester | 09·5 | -10 | – | 0 | bc | 65 | 49 | 8 | 1 | 3 | 1 | 4 | 4 | 1 | 25 | – |
| | Squires Gate | 09·7 | -2 | WNW | 2 | bc | 65 | 54 | 8 | 2 | – | – | 3 | 3 | – | 25 | – |
| | Silloth | 09·1 | -6 | WSW | 4 | bc | 60 | 51 | 8 | 2 | 6 | – | 4 | 3 | 4 | 28 | – |
| 9 | Ashbourne | 09·7 | -14 | WSW | 1 | c | 63 | 50 | 8 | 2 | – | – | 4 | 4 | – | 20 | – |
| | Snaith | 09·9 | -10 | W | 2 | c | 63 | 47 | 8 | 2 | 6 | – | 6 | 5 | 4 | 50 | – |
| 10 | Spurn Head | 09·9 | -2 | NW'W | 2 | bc | 63 | 48 | 7 | 2 | – | – | 4 | 4 | – | – | – |
| | Catterick (Sc.) | 08·6 | -6 | E | 2 | c | 61 | 49 | 8 | 7 | – | – | 5 | 4 | 3 | 25 | 40 |
| | Tynemouth | 09·1 | +2 | W | 2 | c | 62 | 50 | 7 | 2 | 3 | – | 5 | 4 | 3 | 25 | – |
| | Acklington | 08·5 | +2 | WSW | 2 | c | 60 | 50 | 8 | 7 | – | – | 7 | 3 | 7 | 20 | 40 |
| 11 | St. Abb's Head | 07·4 | -2 | WNW | 2 | c | 58 | 46 | 8 | 2 | 5 | – | 6 | 4 | 4 | 35 | 25 |
| | Leuchars | 06·5 | -10 | SW | 4 | c | 63 | 49 | 8 | 8 | – | – | 5 | 4 | 5 | 20 | 57 |
| | Montrose | * | * | SW | 2 | c | 61 | 50 | 8 | 8 | 6 | 8 | 6 | 6 | 1 | 25 | – |
| 12 | Abbotsinch | 07·9 | -2 | WSW | 3 | c/pr | 60 | 49 | 8 | 8 | 7 | – | 7 | 4 | 6 | 18 | 25 |
| | Prestwick | 08·4 | -4 | E | 4 | c | 61 | 51 | 8 | 7 | – | 2 | 4 | 3 | 4 | 22 | 40 |
| | West Freugh | 09·0 | -2 | WSW | 3 | c | 62 | 51 | 8 | 5 | 3 | – | 5 | 4 | 4 | 25 | – |
| | Eskdalemuir | 07·6 | -6 | SW'W | 3 | c | 57 | 49 | 8 | 5 | – | – | 6 | 6 | – | 18 | – |
| | Jurby, I. of Man | 09·7 | -2 | SW | 3 | bc | 59 | 51 | 9 | 1 | 6 | 3 | 4 | 3 | 2 | 22 | – |
| 13A | Machrihanish | 08·3 | -4 | SW'W | 3 | bc | 59 | 55 | 7 | 7 | 7 | 2 | 4 | 3 | 3 | 25 | – |
| | Tiree | 07·2 | -2 | SW | 2 | c | 60 | 51 | 8 | 7 | – | 3 | 6 | 3 | 4 | 18 | 25 |
| | Oban | 08·5 | +6 | – | 0 | c | 58 | 53 | 9 | 8 | – | – | 7 | 3 | 7 | 15 | 25 |
| 13B | Stornoway | 03·3 | -12 | SSW | 5 | bc/pr | 57 | 50 | 8 | 8 | 7 | 2 | 6 | 3 | 5 | 18 | 40 |
| | Cape Wrath | 03·9 | -10 | SW | 4 | bc | 56 | 50 | 9 | 2 | 6 | – | 6 | – | 0 | – | – |
| 15 | Dalwhinnie | 06·0 | -2 | SSW | 2 | o | 54 | 47 | 7 | 5 | – | – | 8 | 8 | – | 24 | – |
| | Aberdeen | 06·2 | -4 | SW | 1 | c | 61 | 45 | 9 | 7 | – | – | 7 | 3 | 7 | – | 57 |
| | Fraserburgh | 06·3 | -2 | W'N | 1 | c | 58 | 49 | 9 | 8 | – | – | 6 | 3 | 6 | 12 | 40 |
| | Alness | 05·5 | -6 | SW | 3 | c | 59 | 49 | 8 | 8 | – | 1 | 7 | 6 | 1 | 25 | – |
| | Wick | 04·5 | -6 | SW | 1 | bc/pr | 59 | 52 | 9 | 8 | 7 | – | 6 | 5 | 4 | 25 | – |
| 16 | Hatston | 04·2 | -2 | SW'W | 5 | propr | 56 | 50 | 7 | 8 | 7 | – | 6 | 4 | 5 | 20 | 40 |
| | Sumburgh | 03·7 | +2 | WSW | 3 | bc | 58 | 50 | 8 | 1 | 3 | 1 | 4 | 3 | 4 | 20 | – |
| | Sullom Voe | 03·0 | +2 | WSW | 5 | c | 57 | 45 | 8 | 2 | 3 | – | 5 | 5 | 5 | 24 | – |
| 17 | Blacksod Point | 09·4 | -10 | SW | 3 | c | 61 | 53 | 8 | 8 | – | – | 7 | 7 | – | 25 | – |
| 18 | Malin Head | 07·5 | -8 | WSW | 5 | bc | 61 | 48 | 8 | 8 | – | 4 | 4 | 4 | – | 15 | – |
| | Aldergrove | 07·3 | -6 | SSW | 2 | c | 60 | 53 | 9 | 8 | 3 | – | 7 | 4 | 7 | 20 | 72 |
| | Cas. Archdale | 10·3 | -6 | W | 2 | c | 60 | 52 | 8 | 8 | 4 | – | 6 | 3 | 5 | 16 | 72 |
| 19 | Birr Castle | 09·6 | -14 | WSW | 1 | c | 64 | 52 | 8 | 2 | – | – | 6 | 4 | – | 15 | – |
| | Collinstown | 09·9 | -6 | NW'W | 2 | c | 60 | 48 | 9 | 2 | – | – | 6 | 5 | – | 25 | – |
| 20 | Foynes | 10·6 | -10 | WNW | 2 | c | 62 | 50 | 9 | 2 | – | 5 | 5 | 3 | – | 25 | – |
| | Valentia | 11·2 | -6 | NNW | 3 | bc | 61 | 53 | 8 | 8 | – | – | 4 | 4 | – | 25 | – |
| | Roches Point | 09·5 | -8 | NNE | 3 | c | 61 | 53 | 8 | 5 | – | – | 5 | 5 | – | 15 | – |

## OBSERVATIONS at 18h. G.M.T. 29th August

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Cloud Form Med (26) | Cloud Form High (27) | Cloud Amount Total 0-9 (28) | Cloud Amount Low A 0-9 (29) | Cloud Amount Low B 0-9 (30) | Height of Base Hundreds of feet A. (31) | Height of Base Hundreds of feet B. (32) | State of Ground 0-9 (33) | Sea 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 07·4 | -8 | SE'E | 2 | c/r | 61 | 54 | 7 | 8 | 2 | – | 8 | 4 | 8 | 21 | – | 1 | * |
| Croydon | 08·0 | -10 | E'S | 1 | iro | 60 | 55 | 7 | 5 | 2 | – | 8 | 3 | 8 | 30 | – | 1 | * |
| Boscombe Down | 07·4 | -14 | E | 3 | dodo | 57 | 56 | 5 | 5 | – | – | 8 | 8 | 8 | 2 | 15 | 1 | * |
| Thorney Island | 07·8 | -8 | E | 3 | dodo | 58 | 56 | 6 | 5 | 3 | – | 6 | 4 | 7 | 4 | 8 | 1 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 09·3 | -6 | ESE | 2 | c/r | 59 | 55 | 8 | 5 | – | – | 8 | 4 | 8 | 10 | 40 | 0 | § |
| Manston | 08·9 | -10 | SSE | 1 | c | 61 | 53 | 7 | 4 | 7 | – | 7 | 3 | 7 | 50 | – | 1 | * |
| North Weald | 08·3 | -4 | SE | 1 | 20 | 59 | 53 | 6 | – | 7 | – | 7 | 7 | – | 78 | – | 0 | * |
| Felixstowe | 08·6 | -10 | S'E | 3 | c | 63 | 52 | 8 | 5 | 3 | – | 7 | 4 | 7 | 50 | – | 0 | 3 |
| Gorleston | 10·2 | +6 | ENE | 2 | c | 61 | 51 | 7 | 8 | 7 | – | 6 | 4 | 3 | 20 | 72 | 0 | 2 |
| Mildenhall | 07·8 | -10 | SE | 2 | c | 64 | 52 | 8 | 8 | 6 | – | 6 | 5 | 4 | 25 | – | 0 | * |
| Bircham Newton | 08·4 | -6 | ENE | 2 | c | 61 | 47 | 8 | 5 | – | 2 | 6 | 5 | 2 | 50 | – | 0 | * |
| Cranwell | 07·3 | -4 | SE | 1 | c | 61 | 52 | 7 | – | 7 | 2 | 6 | 5 | 2 | 80 | – | 0 | * |
| Cranfield | 09·4 | -2 | SSE | 2 | roro | 59 | 54 | 6 | 5 | 2 | – | 8 | 4 | 6 | 20 | – | 0 | * |
| Honiley | 07·1 | -10 | ESE | 2 | c | 61 | 51 | 7 | 5 | 7 | – | 8 | 5 | 8 | 25 | – | 0 | * |
| Little Rissington | 07·2 | -6 | ENE | 1 | roro | 56 | 53 | 6 | 5 | 2 | – | 8 | 2 | 8 | 15 | 25 | 1 | * |
| Shobden | 07·3 | -10 | N | 1 | c | 60 | 53 | 8 | 4 | 7 | – | 7 | 5 | – | 50 | – | 0 | * |
| Bristol | 06·8 | -10 | ENE | 2 | dodo | 57 | 55 | 6 | 6 | 2 | – | 8 | 4 | 8 | 5 | 40 | 1 | * |
| Chivenor | 05·8 | -6 | ENE | 3 | c | 61 | 55 | 7 | 5 | – | – | 8 | 1 | 8 | – | 25 | 1 | * |
| Yeovilton | 05·4 | -8 | E | 2 | dodo | 59 | 57 | 6 | 5 | – | – | 8 | 4 | 8 | 4 | 8 | 1 | * |
| Portland Bill | | | | | | | | | | | | | | | | | | |
| Exeter | 05·3 | -4 | ENE | 2 | dodo | 60 | 60 | 6 | 6 | 7 | – | 8 | 4 | 7 | 3 | 8 | 1 | * |
| Plymouth | 05·0 | 0 | SSW | 1 | c | 63 | 60 | 7 | 7 | – | – | 7 | 3 | 7 | 12 | 15 | 1 | 1 |
| St. Eval | 05·5 | +6 | N'E | 4 | c | 60 | 58 | 7 | 5 | – | – | 8 | 5 | – | 3 | – | 1 | * |
| The Lizard | 05·7 | 0 | NNE | 1 | c | 62 | 60 | 7 | 5 | 6 | – | 6 | 5 | 2 | 15 | 40 | 0 | 3 |
| Scilly, St. Marys | 07·4 | +6 | NW'N | 4 | c | 61 | 56 | 8 | 8 | – | 4 | 6 | 4 | 3 | 16 | – | 1 | 3 |
| Fairwood | 06·7 | -10 | E'S | 2 | c | 59 | 53 | 7 | 5 | 7 | – | 8 | 5 | 8 | 25 | – | | * |
| Pembroke | 07·1 | -4 | N | 2 | c | 59 | 53 | 8 | 8 | – | – | 7 | 7 | – | 22 | – | 0 | 2 |
| Aberporth | 07·3 | -10 | NNE | 3 | c | 59 | 54 | 9 | 5 | 3 | – | 5 | 2 | 5 | 30 | 57 | 1 | 2 |
| Penrhos | 07·1 | -10 | NW | 3 | c | 61 | 53 | 8 | 4 | 6 | 4 | 5 | 4 | 5 | 35 | – | 0 | 2 |
| Holyhead, Valley | 07·8 | -12 | NW'N | 1 | bc | 61 | 50 | 9 | 2 | 6 | 5 | 4 | 2 | 2 | 30 | – | 0 | 1 |
| Hawarden | 06·9 | -6 | WNW | 3 | c | 59 | 52 | 8 | 4 | 7 | – | 7 | 5 | 7 | 40 | – | 0 | * |
| Manchester | 07·4 | -6 | N | 1 | 20 | 61 | 52 | 6 | 4 | 3 | – | 7 | 4 | 4 | 40 | – | 1 | * |
| Squires Gate | 07·3 | -12 | NW | 2 | bc | 60 | 51 | 8 | – | 4 | – | 4 | 2 | 4 | 80 | – | 0 | * |
| Silloth | 08·4 | -2 | SW | 3 | c | 58 | 50 | 9 | 2 | 7 | – | 5 | 3 | 5 | 30 | – | 0 | * |
| Ashbourne | 17·4 | -8 | SE | 1 | bc | 61 | 49 | 7 | 4 | 6 | – | 7 | 4 | 3 | 20 | – | 0 | * |
| Snaith | 07·8 | -2 | NNW | 1 | 20 | 62 | 51 | 6 | 4 | – | 7 | 8 | 4 | 8 | 25 | – | 0 | * |
| Spurn Head | 08·3 | -8 | SE | 4 | c | 60 | 54 | 7 | 7 | – | – | 7 | – | – | – | – | 0 | 3 |
| Catterick (Sc.) | 06·5 | -6 | – | 0 | c | 60 | 51 | 8 | 4 | 7 | – | 6 | 4 | 6 | 50 | – | 0 | * |
| Tynemouth | 07·9 | -8 | SE | 2 | 20 | 57 | 51 | 6 | 2 | 3 | – | 4 | 4 | 3 | 25 | – | 1 | 2 |
| Acklington | 06·6 | -8 | SE | 1 | c | 60 | 53 | 7 | 8 | 3 | 2 | 8 | 1 | 3 | 20 | 40 | 0 | * |
| St. Abb's Head | 05·9 | -4 | – | 0 | c | 57 | 48 | 9 | 5 | 7 | – | 7 | 5 | 3 | 25 | – | 0 | 2 |
| Leuchars | 05·0 | -8 | SW | 3 | c | 60 | 50 | 8 | 5 | 7 | – | 8 | 1 | 5 | 25 | 57 | 1 | * |
| Montrose | * | * | SSW | 2 | c | 60 | 49 | 9 | 8 | – | 7 | 8 | 2 | 5 | 20 | 40 | 1 | * |
| Abbotsinch | 06·2 | -6 | WSW | 2 | c | 59 | 52 | 8 | 5 | 7 | – | 8 | 5 | 8 | 30 | – | 0 | * |
| Prestwick | 06·3 | -8 | SW | 3 | c | 60 | 49 | 8 | 5 | 7 | – | 7 | 3 | – | 28 | 40 | 0 | * |
| West Freugh | 06·7 | -10 | SSW | 3 | c | 58 | 53 | 8 | 8 | 7 | 6 | 7 | 2 | 4 | 25 | 40 | 0 | * |
| Eskdalemuir | 06·2 | -8 | SW'W | 3 | c | 56 | 50 | 8 | 5 | 4 | 9 | 6 | 4 | 3 | 18 | – | 1 | * |
| Jurby, I. of Man | 08·2 | -6 | SW | 3 | bc | 59 | 51 | 9 | – | 7 | 6 | 4 | 3 | 4 | 80 | – | 0 | * |
| Machrihanish | 05·8 | -14 | SSE | 3 | c | 58 | 55 | 7 | 8 | 7 | 6 | 6 | 3 | 4 | 25 | 40 | 0 | 2 |
| Tiree | 04·2 | -14 | SSW | 3 | c | 57 | 50 | 8 | 8 | 2 | – | 6 | 3 | 4 | 10 | 25 | 1 | 2 |
| Oban | 05·3 | +14 | S | 2 | c | 58 | 52 | 9 | 5 | 2 | – | 8 | 1 | 6 | 15 | 25 | 0 | 2 |
| Stornoway | 01·0 | -10 | SSW | 4 | c | 55 | 51 | 8 | 8 | 7 | 6 | 7 | 4 | 4 | 15 | 25 | 1 | 3 |
| Cape Wrath | 02·3 | -2 | SW | 3 | c | 54 | 51 | 8 | 8 | 7 | – | 5 | – | 0 | – | – | 0 | 3 |
| Dalwhinnie | 04·0 | -4 | SW | 2 | c | 53 | 44 | 7 | 5 | 2 | – | 8 | 5 | 8 | 25 | 72 | 0 | * |
| Aberdeen | 04·2 | -8 | SSW | 2 | c | 60 | 49 | 8 | 4 | – | – | 8 | 4 | 7 | – | 57 | 0 | 2 |
| Fraserburgh | 05·0 | +2 | – | 0 | c | 59 | 51 | 9 | 5 | 7 | – | 8 | 4 | 8 | 25 | 40 | 0 | 0 |
| Alness | 03·6 | -8 | W | 3 | ivo | 58 | 48 | 8 | 5 | 1 | – | 8 | 4 | 5 | 10 | 40 | 0 | * |
| Wick | 03·1 | -10 | SW | 3 | c | 57 | 50 | 8 | 5 | – | – | 8 | 3 | 8 | 18 | 25 | 0 | * |
| Hatston | 03·1 | -6 | S | 2 | c | 57 | 50 | 8 | 5 | – | – | 7 | 4 | 6 | 20 | 40 | * | * |
| Sumburgh | 02·9 | -6 | SW'S | 3 | c | 55 | 50 | 8 | 7 | – | – | 7 | 1 | 7 | 14 | – | 0 | 2 |
| Sullom Voe | 02·4 | -2 | SW | 3 | bc/pr | 54 | 49 | 8 | 8 | 6 | – | 6 | 1 | 4 | 14 | 25 | 0 | * |
| Blacksod Point | 05·5 | -18 | SW | 5 | c | 60 | 52 | 8 | 6 | – | – | 7 | 7 | – | 15 | – | 1 | 4 |
| Malin Head | 04·6 | -14 | W | 1 | c | 58 | 50 | 8 | 5 | – | 2 | 5 | 4 | – | 25 | – | 1 | 1 |
| Aldergrove | 06·3 | -12 | S'W | 2 | c | 60 | 52 | 9 | 2 | – | 8 | 7 | 2 | 7 | 30 | 57 | 0 | * |
| Cas. Archdale | 07·0 | -16 | W'S | 2 | c | 59 | 52 | 8 | 8 | 6 | – | 7 | 3 | 5 | 18 | 57 | 0 | * |
| Birr Castle | 06·7 | -18 | WSW | 2 | c | 61 | 56 | 8 | 8 | 2 | – | 8 | 5 | – | 15 | – | 1 | * |
| Collinstown | 07·7 | -10 | S'E | 3 | bc | 58 | 46 | 9 | 8 | 3 | 1 | 4 | 4 | – | 25 | – | 0 | * |
| Foynes | 07·1 | -14 | W | 3 | bc | 61 | 53 | 9 | 8 | 3 | – | 3 | 3 | – | 25 | – | 1 | * |
| Valentia | 08·4 | -14 | S'E | 3 | bc | 61 | 49 | 9 | 2 | 6 | – | 3 | 3 | – | 25 | – | 1 | 2 |
| Roches Point | 07·9 | -12 | SW'S | 2 | c | 60 | 52 | 8 | 5 | – | – | 8 | 8 | – | 15 | – | 1 | 0 |

## PAST 24 HOURS

| Stations | Weather 06h.–12h. 29th (41) | Weather 12h.–18h. 29th (42) | Weather 18h. 29th to 00h. 30th (43) | Weather 00h.–06h. 30th (44) |
|---|---|---|---|---|
| Kew | ciro | civoc | crofoc | cmo |
| Croydon | cromo | cidocro | cdodomo | cmododo |
| Boscombe Down | ccirororo | crm do | cddocmo | orofof |
| Thorney Island | ciro | cddd | cdodofomg | crofo ido |
| Friston | | | | |
| Lympne | civoc | cplro | cdodomcm | cmcmo |
| Manston | ccro romo | crorom ai | cifocrrmo | crfo cmoc |
| North Weald | cirmocmo | cycromg | cmomrmo | cdodomocm |
| Felixstowe | cbcc | cprcc | bcc ifoc | crrmoc |
| Gorleston | crc | c | c | cido orr |
| Mildenhall | cbcbcy | bcycy | c | ccirmo |
| Bircham Newton | bc | bcycbc | cifo | c |
| Cranwell | bczoy | bcyc | bcbcmocm | cforo cmo |
| Cranfield | cy | cyroro | cmo | cmoido |
| Honiley | c | c | cdodo | crofomocido |
| Little Rissington | c | ccroromo | icmorvrodo | ido ofcm |
| Shobden | bcc | cc | cdomo | cdodo mo |
| Bristol | crvmoc | cmodod | | omoddcmo |
| Chivenor | cromo | cdodomoc | cdodomo | cidomobc |
| Yeovilton | rorvrd | ddd | do | prorpc |
| Portland Bill | orr | orc | c | c |
| Exeter | cmocroodo | odiodo | cbc | bbcmobmo |
| Plymouth | cddm | cmoc | ccido | cbc |
| St. Eval | crrmoiro | cprocrc | cidodomo | cpro ido |
| The Lizard | c | c | cbc | bcrrc |
| Scilly, St. Marys | ciroc | ciroibc | cbcc | cfo |
| Fairwood | croorocino | ccproiro | ccmidocmo | cmo ifoc |
| Pembroke | cpro | c | bc | bcc |
| Aberporth | bc | cbc | * | cw |
| Penrhos | cjpbc | cbcb | cbcjprcbw | bwbcw |
| Holyhead, Valley | cprbc | bccbc | cbcw | bcwc |
| Hawarden | cmocbcc | c | cmobw | bcmocmo |
| Manchester | iroidomo | bcyfzo | czom | bccmow |
| Squires Gate | cmo | cbc | bcc | ccfomo |
| Silloth | bc | bc | cb | bbcc |
| Ashbourne | cbc | bcbcyc | cmoiromo | cro rocm |
| Snaith | cmoczoc | bcyzo | czobcbmo | cmofof |
| Spurn Head | bc | c | bc | forocmo |
| Catterick (Sc.) | cbcc | cyc | cbc | cmododomo |
| Tynemouth | c | cbcmo | bcmo | cpromo |
| Acklington | c | ccyc | cbcb | bbccifomo |
| St. Abb's Head | bc | c | cbc | cbcbbc |
| Leuchars | bcb | bccmo | cbc | bbcbc |
| Montrose | cbcc | cyc | c | cbcw· |
| Abbotsinch | cbccpro | ccprocjp | cbc | bcc forobc |
| Prestwick | cwcbc | bcc | cbc | bc |
| West Freugh | cwbcwc | c | c | cifofoc |
| Eskdalemuir | cbccwido | c | c | cof |
| Jurby, I. of Man | bbccbc | bcbc | bcb | cjppr |
| Machrihanish | bc | c | cpr | cbccpr |
| Tiree | ccproc | ccproc | ccproc | ccprocpr |
| Oban | cproc | c | c | cproc |
| Stornoway | cjpcpro | ccproprc | c | cpro docpro |
| Cape Wrath | bc | c | c | cpro |
| Dalwhinnie | co | oiro | * | oirc |
| Aberdeen | c | cyc | c | cw |
| Fraserburgh | ccprc | c | c | cbcc |
| Alness | cirofroc | ciro | ciroc | c |
| Wick | cporc | rc | c | ciroc |
| Hatston | cpr | prcc | c | c |
| Sumburgh | cb | c | c | cbcc |
| Sullom Voe | cporc | c | ccro | croc |
| Blacksod Point | c | c | pr | c |
| Malin Head | bc | c | c | r |
| Aldergrove | bcwfqbcc | | bccirdo | bccirmo |
| Cas. Archdale | bbc | c | cbc | cirrc |
| Birr Castle | c | c | | pr |
| Collinstown | c | pr | bc | r |
| Foynes | c | bc | bc | pr |
| Valentia | bc | bc | c | bc |
| Roches Point | c | c | bc | r |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil 2 = 1/10 4 = 1/4 6 = 6/10
1 = Trace 3 = 1/4 5 = 3/4 7 = More than 9 but with openings.
8 = Completely covered.
9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

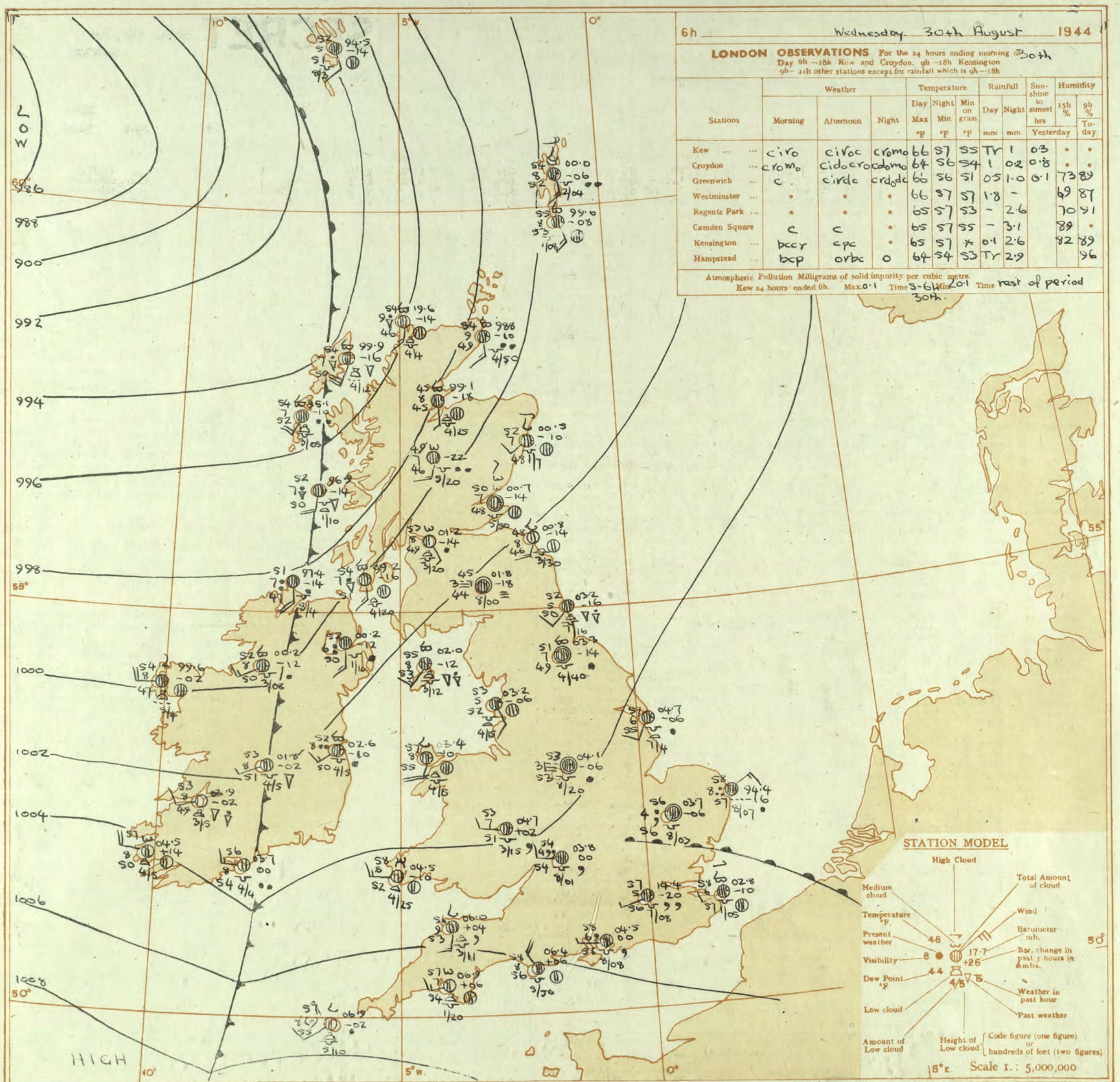
NELSON K. JOHNSON, K.C.B., D.Sc., Director, Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Wednesday. 30th August 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 30th
Day 6h –18h Kew and Croydon. 9h –18h Kensington
9h– 21h other stations except for rainfall which is 9h –18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity 15h % Yesterday | Humidity 9h % Today |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | ciro | cirOc | cromo | 66 | 57 | 55 | Tr | 1 | 0·3 | • | • |
| Croydon ... | cromo | cidocro | cdomo | 64 | 56 | 54 | 1 | 0·2 | 0·8 | • | • |
| Greenwich ... | c. | cirdc | crdodc | 66 | 56 | 51 | 0·5 | 1·0 | 0·1 | 73 | 89 |
| Westminster ... | • | • | • | 66 | 57 | 57 | 1·8 | – | | 69 | 87 |
| Regents Park ... | • | • | • | 65 | 57 | 53 | – | 2·6 | | 70 | 91 |
| Camden Square | c | c | • | 65 | 57 | 55 | – | 3·1 | | 89 | • |
| Kensington ... | bccr | cpc | • | 65 | 57 | * | 0·1 | 2·6 | | 82 | 89 |
| Hampstead ... | bcp | orbc | o | 64 | 54 | 53 | Tr | 2·9 | | | 96 |

Atmospheric Pollution Milligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0·1 Time 5-6 Min 0·1 Time rest of period 30th.



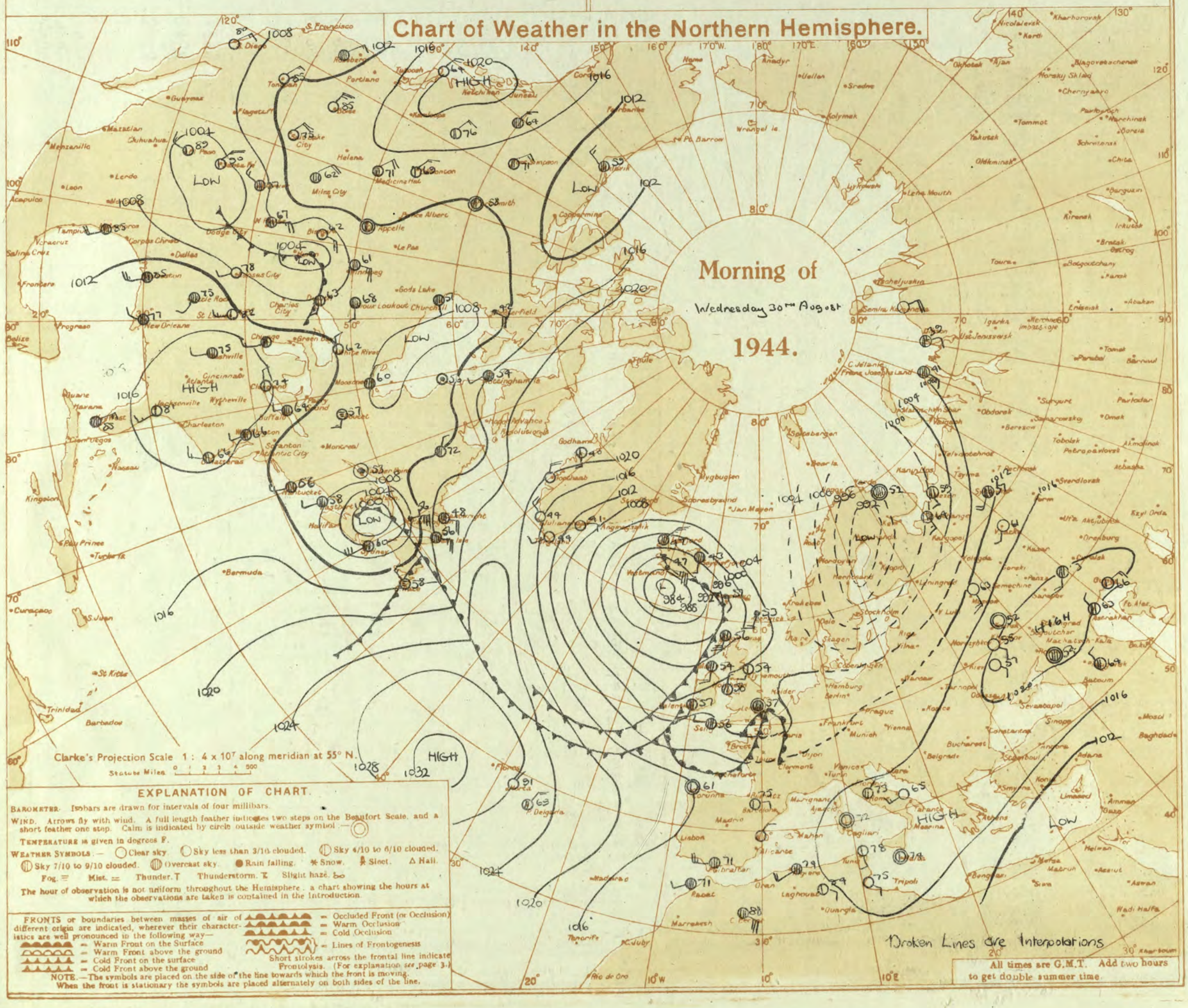

H.M.S.O. Press, M.O., Dunstable.

## GENERAL INFERENCE

A depression South of Iceland is moving East-Southeast.
There will be bright intervals and showers in most districts, particularly in the West and North with local thunderstorms.
It will be cool.

## FURTHER OUTLOOK

Bright intervals and showers.
Local thunderstorms.
Cool.



BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Wednesday 30th August 1944

No. 30232.

## OBSERVATIONS at 00hr. G.M.T. 30th August

| District | Stations | Height above M.S.L. in feet | Barom at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F (6) | Dew Point °F (7) | Visibility 0–9 (8) | Cloud Form Low (9) | Cloud Form Med. (10) | Cloud Form High (11) | Cloud Amount Total 0–9 (12) | Cloud Amount Low A. 0–9 (13) | Cloud Amount Low B. 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base Hundreds of feet B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | * | * | * | * | 58 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 05.5 | -20 | — | 0 | c | 57 | 56 | 6 | 5 | — | — | 8 | 8 | — | 8 | — |
| | Boscombe Down | 417 | 05.9 | -10 | E | 2 | z | 55 | 55 | 6 | 5 | — | — | 7 | 7 | — | 6 | — |
| | Thorney Island | 10 | 05.8 | -10 | NE | 2 | ff | 58 | 57 | 6 | 5 | 2 | — | 8 | 5 | 8 | 6 | 8 |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 05.8 | -20 | SSE | 2 | m/d | 59 | 59 | 4 | 5 | — | — | 8 | 8 | — | 4 | — |
| | Manston | 140 | 05.7 | -26 | SE | 2 | 66 | 59 | 58 | 6 | 6 | 2 | — | 8 | 5 | 8 | 15 | — |
| 2 | North Weald | 244 | 05.8 | -16 | SSE | 2 | ff | 56 | 54 | 5 | 5 | — | — | 8 | 8 | — | 27 | — |
| | Felixstowe | 10 | 06.8 | -14 | E'S | 3 | c/r | 61 | 55 | 8 | 5 | — | — | 8 | 8 | — | 31 | — |
| | Gorleston | 5 | 08.0 | -8 | E | 3 | ebc | 61 | 56 | 7 | — | 7 | — | 5 | 5 | 5 | 80 | — |
| | Mildenhall | 15 | 06.5 | -12 | E | 2 | c | 58 | 54 | 7 | 5 | 7 | — | 8 | 5 | 8 | 45 | — |
| | Bircham Newton | 221 | 06.9 | -10 | SSE | 2 | c | 56 | 52 | 7 | 5 | — | — | 8 | 8 | — | 55 | — |
| | Cranwell | 203 | 06.0 | -12 | — | 0 | if | 56 | 53 | 6 | — | 2 | — | 8 | 8 | — | 51 | — |
| 3 | Cranfield | 340 | 06.2 | -16 | — | 0 | z | 57 | 55 | 6 | 5 | — | — | 8 | 5 | 8 | 17 | 57 |
| | Honiley | 427 | 05.9 | -16 | SE | 1 | ff | 55 | 54 | 7 | 5 | — | — | 8 | 4 | 8 | 12 | 25 |
| 4 | Little Rissington | 731 | 05.4 | -14 | ESE | 1 | dodo | 54 | 54 | 5 | 5 | — | — | 8 | 8 | — | 1 | — |
| | Shobden | 318 | 06.3 | -10 | NW | 1 | dodo | 55 | 54 | 6 | 5 | — | — | 8 | 4 | 8 | 11 | 57 |
| 5 | Bristol | 209 | 05.6 | -4 | — | 0 | z | 56 | 56 | 5 | — | 2 | — | 8 | 8 | — | 6 | — |
| | Chivenor | 20 | 06.0 | -2 | NW | 2 | c/d | 57 | 56 | 6 | 5 | — | — | 8 | 3 | 8 | 10 | 40 |
| | Yeovilton | 50 | 05.4 | -4 | — | 0 | z | 57 | 57 | 6 | 5 | — | — | 8 | 8 | — | 8 | — |
| | Portland Bill | 32 | 05.2 | 0 | ESE | 1 | z | 57 | 57 | 6 | 5 | — | — | 8 | 5 | 8 | 6 | 15 |
| | Exeter | 100 | 05.5 | +2 | NW | 1 | ff | 58 | 58 | 5 | 5 | — | — | 8 | 8 | — | 5 | — |
| | Plymouth | 86 | 06.2 | +6 | NW | 3 | c/d | 59 | 57 | 7 | 5 | — | — | 8 | 5 | 8 | 15 | 40 |
| | St. Eval | 345 | 07.4 | +2 | NW | 3 | z | 57 | 55 | 6 | 5 | — | — | 7 | 4 | 7 | 6 | 25 |
| | The Lizard | 240 | 07.5 | -12 | NW | 4 | bc | 58 | 54 | 7 | 2 | 4 | — | 4 | 4 | 2 | 25 | 40 |
| | Scilly, St. Marys | 163 | 08.6 | 0 | WN | 2 | c | 56 | 54 | 8 | 8 | — | — | 6 | 6 | — | 15 | — |
| 6 | Fairwood | 268 | 06.4 | -6 | — | 0 | ebc/d | 54 | 53 | 6 | — | 7 | — | 5 | 5 | — | — | — |
| | Pembroke | 142 | 07.2 | 0 | WNW | 3 | b-bc | 57 | 53 | 8 | 2 | — | — | 3 | 3 | — | 25 | — |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 05.6 | -14 | — | 0 | b | 52 | 50 | 7 | 4 | — | — | 2 | 2 | — | 45 | — |
| | Holyhead, Valley | 32 | 05.8 | -16 | NW | 1 | bc | 50 | 48 | 7 | 5 | 3 | 1 | 4 | 3 | 3 | 40 | — |
| | Hawarden | 15 | 05.9 | -14 | — | 0 | b-bc | 52 | 50 | 7 | — | 3 | — | 3 | 3 | — | — | — |
| 8 | Manchester | 230 | 05.3 | -18 | — | 0 | c | 55 | 51 | 6 | 5 | 7 | — | 8 | 4 | 8 | 31 | — |
| | Squires Gate | 30 | 05.6 | -14 | — | 0 | c | 54 | 52 | 7 | 5 | — | — | 8 | 8 | — | 37 | — |
| | Silloth | 25 | 06.6 | -8 | SE | 2 | b-bc | 48 | 46 | 8 | 5 | — | — | 3 | 3 | — | 40 | — |
| 9 | Ashbourne | 590 | 06.4 | -14 | ESE | 1 | if | 54 | 52 | 5 | 5 | — | — | 8 | 3 | — | 20 | — |
| | Snaith | 30 | 06.5 | -10 | SSE | 2 | z | 53 | 49 | 5 | 5 | — | — | 3 | 3 | — | 40 | — |
| 10 | Spurn Head | 29 | 06.9 | -10 | SSE | 4 | bc | 59 | 49 | 7 | 7 | 3 | — | 4 | 3 | 2 | 25 | 57 |
| | Catterick (Sc.) | 195 | 06.1 | -8 | — | 0 | ebc | 50 | 49 | 7 | 5 | — | — | 5 | 5 | — | 50 | — |
| | Tynemouth | 108 | 06.4 | -8 | WSW | 1 | z | 54 | 51 | 5 | — | 3 | — | 3 | 3 | — | — | — |
| | Acklington | 138 | 05.4 | -8 | W | 2 | b-bc | 50 | 48 | 7 | 4 | 4 | — | 3 | 2 | 2 | 25 | — |
| 11 | St. Abb's Head | 280 | 04.4 | -12 | WSW | 2 | ebc | 53 | 43 | 8 | 5 | — | — | 5 | 5 | — | 35 | — |
| | Leuchars | 31 | 03.7 | -10 | SW | 1 | bc | 54 | 50 | 7 | 5 | — | — | 4 | 4 | — | 40 | — |
| | Montrose | 22 | * | * | W | 1 | c | 53 | 49 | 8 | 5 | — | — | 8 | 4 | 8 | 40 | 57 |
| 12 | Abbotsinch | 19 | 04.4 | -14 | S | 2 | bc | 55 | 50 | 8 | — | 7 | — | 4 | 4 | 4 | — | — |
| | Prestwick | 30 | 03.8 | -16 | SE | 2 | bc | 53 | 47 | 7 | 5 | 7 | — | 4 | 3 | 2 | 40 | — |
| | West Freugh | 53 | 04.3 | -14 | SSE | 2 | c | 55 | 51 | 8 | 5 | — | — | 7 | 7 | — | 40 | — |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 06.0 | -14 | SSE | 2 | ebc | 50 | 43 | 8 | — | 3 | — | 5 | — | 5 | — | — |
| 13A | Machrihanish | 35 | 02.8 | -20 | SW | 3 | pr | 56 | 52 | 7 | 8 | 7 | — | 6 | 3 | 5 | 20 | 40 |
| | Tiree | 44 | 00.7 | -22 | SW | 4 | ebc | 56 | 50 | 8 | 8 | — | — | 5 | 2 | 5 | 18 | 25 |
| | Oban | 74 | 02.4 | -20 | W | 2 | c | 54 | 51 | 9 | 5 | 7 | — | 7 | 5 | 7 | 20 | — |
| 13B | Stornoway | 12 | 97.9 | -20 | SSW | 6 | c | 56 | 51 | 8 | 8 | 7 | — | 7 | 4 | 5 | 18 | 40 |
| | Cape Wrath | 367 | 99.9 | -10 | SW | 3 | c | 54 | 47 | 8 | 5 | 4 | — | 6 | 4 | — | 15 | — |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 03.5 | -2 | SW | 2 | c | 53 | 48 | 8 | 5 | 7 | — | 7 | 3 | 5 | 30 | 57 |
| | Fraserburgh | 76 | 03.6 | -8 | SW | 2 | ebc | 53 | 48 | 9 | 5 | — | — | 5 | 4 | 5 | 30 | 40 |
| | Alness | 63 | 02.6 | -8 | SWS | 1 | c | 52 | 49 | 8 | 5 | 7 | — | 6 | 3 | 6 | 25 | — |
| | Wick | 114 | 01.7 | -10 | S | 2 | c | 54 | 49 | 8 | 5 | — | — | 6 | 3 | 6 | 20 | 40 |
| 16 | Hatston | 45 | 01.6 | -6 | SE | 2 | c | 55 | 51 | 7 | 5 | — | — | 8 | 4 | 8 | 20 | 40 |
| | Sumburgh | 15 | 01.9 | -6 | S | 2 | ebc | 54 | 52 | 8 | 5 | — | — | 5 | 1 | 5 | 9 | 40 |
| | Sullom Voe | 12 | 02.0 | -6 | S. | 3 | if | 53 | 49 | 7 | 5 | — | — | 8 | 4 | 8 | 10 | 25 |
| 17 | Blacksod Point | 18 | 01.4 | -24 | SWS | 5 | c/pr | 58 | 50 | 8 | 6 | — | — | 6 | 6 | — | 15 | — |
| 18 | Malin Head | 84 | 10.4 | -22 | S | 3 | ebc | 54 | 50 | 8 | 5 | | — | 5 | 5 | — | 25 | — |
| | Aldergrove | 294 | 03.8 | -14 | SSE | 3 | bc | 54 | 49 | 8 | 5 | 3 | — | 4 | 4 | 4 | 30 | — |
| | Cas. Archdale | 240 | 03.9 | -22 | S | 1 | bc | 52 | 54 | 7 | 5 | 3 | — | 4 | 2 | 5 | 31 | — |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown | 220 | 05.4 | -22 | SWW | 3 | bc | 54 | 50 | 8 | 5 | — | — | 4 | 4 | — | 45 | — |
| 20 | Foynes | 3 | 05.3 | -22 | S'E | 3 | ebc | 55 | 47 | 9 | 5 | — | — | 5 | 5 | — | 40 | — |
| | Valentia | 30 | 04.9 | -26 | SSW | 4 | c | 57 | 53 | 8 | 8 | 3 | — | 7 | 3 | — | 25 | — |
| | Roches Point | 22 | 06.0 | -14 | WN | 3 | b | 56 | 52 | 8 | 5 | 4 | — | 2 | 2 | — | 25 | — |

## OBSERVATIONS at 06hr. G.M.T. 30th August

| Stations | Barom at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0–9 (24) | Cloud Form Low (25) | Cloud Form Med (26) | Cloud Form High (27) | Cloud Amount Total 0–9 (28) | Low A. 0–9 (29) | Low B. 0–9 (30) | Height of Base A. (31) | Height of Base B. (32) | State of Ground 0–9 (33) | Sea 0–9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 08.9 | -6 | WSW | 2 | z | 60 | 55 | 5 | 5 | — | — | 8 | 8 | — | 21 | — | 1 | * |
| Croydon | 04.4 | -20 | SW'W | 1 | c/d | 57 | 56 | 5 | 5 | — | — | 7 | 7 | — | 8 | — | 1 | * |
| Boscombe Down | 05.4 | +2 | W | 3 | c/d | 55 | 55 | 6 | 5 | — | — | 8 | 4 | 8 | 3 | 8 | 1 | * |
| Thorney Island | 04.5 | 0 | W | 1 | ido | 58 | 58 | 6 | 5 | — | — | 8 | 8 | — | 8 | — | 1 | * |
| Friston | | | | | | | | | | | | | | | | | | * |
| Lympne | 04.4 | -2 | SW | 2 | z | 58 | 58 | 5 | 5 | — | — | 7 | 5 | 7 | 4 | 15 | 1 | § |
| Manston | 02.8 | -10 | SW | 2 | z | 58 | 57 | 6 | 5 | 7 | 1 | 7 | 1 | 6 | 5 | 25 | 1 | * |
| North Weald | 03.6 | -4 | W | 1 | z | 56 | 56 | 5 | 5 | — | — | 8 | 8 | — | 4 | — | 1 | * |
| Felixstowe | 03.2 | -20 | SSW | 3 | c | 60 | 58 | 7 | 5 | — | — | 8 | 6 | — | 25 | — | 1 | 4 |
| Gorleston | 04.4 | -16 | NE | 3 | m | 58 | 57 | 5 | 6 | — | — | 8 | 8 | — | 7 | — | 1 | 3 |
| Mildenhall | 03.7 | -6 | — | 0 | dr | 56 | 56 | 4 | 5 | — | — | 8 | 8 | — | 3 | — | 1 | * |
| Bircham Newton | 04.6 | -8 | ESE | 2 | c | 55 | 53 | 7 | 5 | 7 | — | 7 | 1 | 4 | 10 | 57 | 0 | * |
| Cranwell | 03.5 | -12 | — | 0 | z | 55 | 55 | 6 | 5 | — | — | 8 | 3 | 8 | 25 | 40 | 1 | * |
| Cranfield | 04.3 | -2 | S | 1 | c/d | 56 | 55 | 5 | — | 2 | — | 8 | 8 | — | 8 | — | 1 | * |
| Honiley | 03.4 | -8 | — | 0 | dodo | 54 | 54 | 4 | 5 | — | — | 8 | 8 | — | 6 | — | 1 | * |
| Little Rissington | 03.8 | 0 | W | 2 | dodo | 54 | 54 | 4 | 5 | — | — | 8 | 8 | — | 1 | — | 1 | * |
| Shobden | 04.7 | +2 | W | 1 | c | 53 | 51 | 7 | 5 | — | — | 6 | 3 | 6 | 15 | 40 | 1 | * |
| Bristol | 05.3 | +6 | W | 1 | z | 55 | 65 | 6 | 5 | — | — | 8 | 4 | 8 | 6 | 15 | 1 | * |
| Chivenor | 06.0 | +4 | SSW | 3 | ebc | 56 | 53 | 9 | 8 | 4 | — | 5 | 3 | 4 | 11 | 25 | 1 | * |
| Yeovilton | 05.4 | +8 | WS | 2 | z | 57 | 56 | 6 | 8 | 7 | 3 | 5 | 3 | 4 | 6 | 15 | 1 | * |
| Portland Bill | 06.4 | +6 | NW | 4 | ebc | 58 | 56 | 8 | 5 | — | — | 5 | 5 | — | 50 | — | 1 | 4 |
| Exeter | 06.3 | +12 | SW | 1 | z | 55 | 53 | 6 | 5 | 3 | — | 4 | 3 | 3 | 10 | — | 1 | * |
| Plymouth | 06.9 | +6 | WSW | 3 | bc | 57 | 54 | 7 | 8 | 3 | — | 4 | 1 | 4 | 20 | 40 | 1 | 2 |
| St. Eval | 06.9 | 0 | SSW | 2 | c | 54 | 53 | 9 | 5 | 4 | — | 6 | 4 | 6 | 12 | 25 | 1 | * |
| The Lizard | 06.9 | 0 | WNW | 4 | ebc | 57 | 57 | 7 | 5 | — | — | 5 | 5 | — | 10 | — | 1 | 4 |
| Scilly, St. Marys | 06.9 | -2 | SWS | 2 | ebgp | 57 | 55 | 8 | 8 | 4 | — | 5 | 5 | 3 | 10 | 72 | 1 | 3 |
| Fairwood | 05.2 | -2 | — | 0 | bc | 52 | 52 | 7 | 5 | — | — | 4 | 3 | 2 | 25 | 57 | 1 | * |
| Pembroke | 04.5 | -10 | WSW | 3 | ebc | 58 | 52 | 8 | 2 | 6 | — | 5 | 4 | 4 | 25 | — | 0 | 3 |
| Aberporth | 05.0 | -8 | SW | 3 | ebc | 52 | 50 | 8 | 5 | 3 | — | 5 | 1 | 4 | 15 | 25 | 1 | 2 |
| Penrhos | 03.7 | -6 | WSW | 2 | bc | 56 | 53 | 8 | 5 | 3 | 3 | 4 | 3 | 4 | 10 | 25 | 0 | 1 |
| Holyhead, Valley | 03.4 | -10 | SSW | 4 | c | 57 | 55 | 8 | 8 | 4 | — | 6 | 4 | 3 | 15 | — | 0 | 2 |
| Hawarden | 03.5 | -8 | ESE | 2 | z | 51 | 51 | 5 | 5 | — | — | 7 | 7 | — | 40 | — | 0 | * |
| Manchester | 04.2 | -14 | SW | 3 | c | 55 | 53 | 5 | 5 | — | — | 7 | 7 | — | 30 | — | 1 | * |
| Squires Gate | 03.2 | -6 | SSE | 2 | z | 53 | 52 | 5 | 7 | — | — | 7 | 4 | 7 | 15 | 40 | 1 | * |
| Silloth | 03.6 | -6 | E | 1 | c | 44 | 43 | 8 | 5 | 3 | — | 7 | 3 | 6 | 25 | — | 0 | * |
| Ashbourne | 04.1 | -6 | — | 0 | of+ | 53 | 53 | 3 | 5 | — | — | 8 | 8 | — | 20 | — | 1 | * |
| Snaith | 04.1 | -8 | SSW | 1 | f+ | 54 | 52 | 3 | 5 | 7 | — | 8 | 4 | 5 | 25 | 40 | 1 | * |
| Spurn Head | 04.7 | -6 | SWS | 2 | z | 57 | 55 | 6 | 7 | — | — | 7 | 7 | — | 15 | — | 1 | 3 |
| Catterick (Sc.) | 03.3 | -14 | — | 0 | c | 51 | 49 | 7 | 5 | 7 | — | 8 | 4 | 5 | 40 | — | 0 | * |
| Tynemouth | 03.2 | -16 | SW | 2 | c/pr | 52 | 50 | 5 | 8 | — | — | 7 | 7 | — | 16 | — | 1 | 2 |
| Acklington | 03.6 | -10 | SSW | 2 | c/r | 49 | 47 | 6 | 5 | 7 | — | 7 | 5 | 4 | 35 | — | 0 | * |
| St. Abb's Head | 00.8 | -14 | SSW | 3 | bc | 48 | 46 | 8 | 4 | 4 | — | 4 | 3 | 2 | 30 | — | 0 | 2 |
| Leuchars | 00.7 | -14 | — | 0 | c | 50 | 48 | 7 | 5 | 3 | 9 | 7 | 5 | 5 | 50 | — | 1 | * |
| Montrose | * | * | — | 0 | c | 47 | 46 | 8 | 5 | 3 | — | 6 | 2 | 5 | 30 | 57 | 0 | * |
| Abbotsinch | 01.2 | -14 | SE | 1 | bc | 53 | 49 | 8 | 8 | 3 | — | 4 | 3 | 3 | 20 | — | 1 | * |
| Prestwick | 00.7 | -14 | SE | 2 | ebc | 53 | 49 | 7 | 3 | 9 | — | 5 | 3 | 4 | 25 | 40 | 1 | * |
| West Freugh | 00.5 | -18 | S | 3 | c | 56 | 54 | 8 | 5 | 7 | — | 7 | 2 | 4 | 8 | 40 | 0 | * |
| Eskdalemuir | 01.8 | -18 | — | 0 | f- | 45 | 44 | 3 | 5 | — | — | 8 | 8 | — | c | — | 1 | * |
| Jurby, I. of Man | 02.0 | -12 | SWS | 3 | f/pr | 55 | 53 | 8 | 8 | 7 | — | 7 | 3 | 5 | 12 | 40 | 1 | * |
| Machrihanish | 99.2 | -16 | S | 3 | pr | 54 | 51 | 7 | 8 | 7 | — | 6 | 4 | 5 | 20 | 40 | 1 | 2 |
| Tiree | 96.9 | -14 | SW | 4 | PR | 52 | 50 | 7 | 7 | — | — | 8 | 1 | 5 | 10 | 15 | 1 | 3 |
| Oban | 98.6 | -20 | S | 1 | ebc | 52 | 50 | 8 | 8 | 3 | 4 | 5 | 3 | 4 | 15 | 40 | 1 | 1 |
| Stornoway | 94.4 | -16 | SSW | 6 | pr | 54 | 50 | 7 | 9 | 7 | — | 5 | 4 | 5 | 12 | 25 | 1 | 4 |
| Cape Wrath | 96.6 | -14 | S | 8 | pr | 54 | 46 | 9 | 8 | 7 | — | 5 | 4 | — | 15 | — | 0 | 3 |
| Dalwhinnie | 99.0 | -22 | SSW | 3 | c/r | 49 | 46 | 7 | 5 | 3 | — | 7 | 5 | 7 | 20 | — | 1 | * |
| Aberdeen† | 00.5 | -10 | SW | 2 | c | 52 | 48 | 7 | 5 | 4 | 3 | 6 | 1 | 3 | 57 | — | 1 | 1 |
| Fraserburgh | 00.9 | -10 | SSW | 3 | c | 50 | 47 | 9 | 5 | 3 | 1 | 7 | 4 | 7 | 40 | — | 0 | |
| Alness | 99.1 | -18 | SE | 1 | c | 45 | 45 | 8 | 8 | 7 | — | 7 | 4 | 7 | 25 | — | 0 | * |
| Wick | 98.8 | -10 | S | 3 | c/r | 54 | 49 | 9 | 5 | 7 | — | 7 | 4 | 7 | 50 | — | 0 | * |
| Hatston | 98.5 | -10 | SE | 3 | c | 54 | 50 | 8 | 5 | 3 | — | 7 | 5 | 7 | 50 | — | * | * |
| Sumburgh | 99.6 | -8 | SSE | 3 | c | 55 | 53 | 8 | 5 | 7 | — | 7 | 1 | 1 | 8 | 15 | 0 | 2 |
| Sullom Voe | 00.0 | -6 | SSE | 3 | c/r | 54 | 52 | 8 | 5 | 9 | 2 | 7 | 2 | 6 | 4 | — | 0 | * |
| Blacksod Point | 99.6 | -2 | WS | 4 | c | 54 | 46 | 8 | 9 | — | 6 | 6 | 5 | — | 15 | — | 2 | 3 |
| Malin Head | 97.4 | -14 | S'E | 4 | r | 51 | 46 | 7 | 5 | — | — | 8 | 8 | — | 15 | — | 1 | 3 |
| Aldergrove | 00.2 | -12 | SW | 3 | r | 52 | 50 | 6 | 5 | — | — | 8 | 1 | 8 | 10 | 25 | 1 | * |
| Cas. Archdale | 00.2 | -12 | SW | 3 | c | 52 | 50 | 8 | 5 | 7 | — | 6 | 3 | 4 | 8 | 40 | 1 | * |
| Birr Castle | 01.8 | -2 | SW | 1 | ebc | 53 | 51 | 8 | 5 | — | — | 5 | 4 | — | 25 | — | 1 | * |
| Collinstown | 02.6 | -10 | SW | 3 | ff | 52 | 50 | 8 | 5 | 7 | — | 6 | 4 | — | 28 | — | 1 | * |
| Foynes | 02.9 | -2 | WS | 2 | bc/r | 53 | 48 | 8 | 2 | — | — | 3 | 3 | — | 22 | — | 1 | * |
| Valentia | 04.5 | +14 | WN | 4 | bc | 57 | 49 | 8 | 2 | 6 | — | 4 | 4 | — | 25 | — | 1 | 3 |
| Roches Point | 03.7 | 0 | W | 3 | bc/r | 56 | 54 | 8 | 5 | — | — | 4 | 4 | — | 15 | — | 1 | 3 |

## PAST 24 HOURS.

| Stations | Temperature Max. Day 6h-18h °F (35) | Temperature Min. Night 18h-6h °F (36) | Temperature Min. on Grass °F (37) | Rainfall Day 6h-18h mm. (38) | Rainfall Night 18h-6h mm. (39) | Sunshine 29th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew | 66 | 57 | 55 | Tr | 1 | 0.3 |
| Croydon | 64 | 56 | 54 | 1 | 0.2 | 0.8 |
| Boscombe Down | 59 | 54 | 54 | 2 | 3 | 0.0 |
| Thorney Island | 65 | 52 | 51 | 1 | 7 | * |
| Friston | | | | | | |
| Lympne | 63 | 57 | 48 | 0.3 | 4 | 2.0 |
| Manston | 62 | 57 | * | 1 | 5 | 0.0 |
| North Weald | 65 | 54 | * | * | * | * |
| Felixstowe | 68 | 58 | 54 | 0.1 | 7 | |
| Gorleston | 66 | 59 | 55 | — | 3 | 6.5 |
| Mildenhall | 69 | 56 | 55 | — | 2 | 5.2 |
| Bircham Newton | 66 | 55 | 49 | — | Tr | * |
| Cranwell | 68 | 54 | 46 | — | Tr | 7.3 |
| Cranfield | 64 | 51 | | Tr | 0.6 | * |
| Honiley | 66 | 53 | 52 | — | 2 | * |
| Little Rissington | — | 53 | 53 | 0.2 | 2 | * |
| Shobden | 62 | 52 | 49 | — | 0.3 | * |
| Bristol | 69 | 55 | 53 | 5 | 1 | 0.0 |
| Chivenor | 62 | 53 | 45 | 4 | 1 | * |
| Yeovilton | 59 | 56 | 53 | 1 | 1 | * |
| Portland Bill | 63 | 55 | * | 7 | — | * |
| Exeter | 64 | 54 | 42 | 6 | 1 | * |
| Plymouth | 67 | 56 | 50 | 8 | Tr | 0.0 |
| St. Eval | 66 | 52 | 48 | 3 | 2 | |
| The Lizard | 69 | 53 | * | 1 | 1 | 6.8 |
| Scilly, St. Marys | 69 | 55 | * | 0.3 | Tr | 4.4 |
| Fairwood | * | 51 | 46 | 1 | 0.1 | * |
| Pembroke | 63 | 54 | * | 0.1 | Tr | 0.3 |
| Aberporth | 51 | 51 | 44 | — | Tr | 3.9 |
| Penrhos | 65 | 47 | 40 | — | — | * |
| Holyhead, Valley | 63 | 49 | 40 | — | — | |
| Hawarden | 69 | 46 | 41 | — | — | 1.0 |
| Manchester | 66 | 53 | 49 | Tr | — | * |
| Squires Gate | 65 | 52 | * | — | 0.5 | * |
| Silloth | 61 | 41 | 38 | — | — | * |
| Ashbourne | 65 | 53 | 50 | — | 1 | * |
| Snaith | 67 | 50 | 42 | — | 0.6 | * |
| Spurn Head | 67 | 57 | * | — | 0.1 | 7.9 |
| Catterick (Sc.) | 65 | 49 | 43 | — | Tr | 4.1 |
| Tynemouth | 65 | 50 | 48 | — | 3 | |
| Acklington | 65 | 45 | 42 | — | Tr | * |
| St. Abb's Head | 60 | 48 | * | — | — | |
| Leuchars | 64 | 49 | 41 | — | — | 4.3 |
| Montrose | 65 | 44 | 36 | 0.1 | | |
| Abbotsinch | 63 | 52 | 50 | 0.6 | 1 | 3.7 |
| Prestwick | 63 | 52 | 49 | — | 0.5 | * |
| West Freugh | 63 | 54 | 51 | — | 0.1 | * |
| Eskdalemuir | 61 | 43 | 40 | Tr | — | 1.9 |
| Jurby, I. of Man | 61 | 47 | 39 | — | 0.2 | * |
| Machrihanish | 61 | 53 | 49 | Tr | 2 | * |
| Tiree | 61 | 52 | 50 | 0.2 | 9 | 2.8 |
| Oban | 62 | 51 | | — | * | * |
| Stornoway | 60 | 53 | 51 | 1 | 4 | 1.4 |
| Cape Wrath | 66 | 54 | * | Tr | Tr | |
| Dalwhinnie | 56 | 49 | 46 | 0.2 | 1 | 1.2 |
| Aberdeen† | 62 | 31 | 45 | — | — | 1.3 |
| Fraserburgh | 61 | 49 | 46 | Tr | — | * |
| Alness | 63 | 44 | 37 | Tr | Tr | * |
| Wick | 62 | 53 | 48 | 0.4 | Tr | * |
| Hatston | * | * | * | * | * | * |
| Sumburgh | 58 | 52 | 49 | — | — | 4.1 |
| Sullom Voe | 59 | 51 | 49 | Tr | Tr | * |
| Blacksod Point | 62 | 51 | * | — | 11 | * |
| Malin Head | 62 | 50 | * | 0.1 | 1 | 3.9 |
| Aldergrove | 63 | 51 | 47 | — | 0.6 | 1.9 |
| Cas. Archdale | 62 | 50 | 46 | — | 2 | * |
| Birr Castle | 65 | 51 | 45 | — | 3 | 4.9 |
| Collinstown | 64 | 50 | 45 | Tr | 1 | 8.3 |
| Foynes | 66 | 52 | 46 | — | 3 | 8.6 |
| Valentia | 62 | 55 | 51 | — | 3 | 11.3 |
| Roches Point | 63 | 53 | * | | 0.3 | * |

* Minimum Temperatures and Rainfall Read at 0700 GMT    Birr Castle 0700 G.M.T. Observations

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil  1 = Trace  2 = 1/10  3 = 1/4  4 = 1/2  5 = 3/4  6 = 9/10  7 = More than 9 but with openings.  8 = Completely covered.  9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32.
A = Lowest cloud present.
B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

Page 1.

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

BRITISH SECTION

SECRET

Thursday. 31st. Aug. 1944

No. 30233.

## OBSERVATIONS at 12h. G.M.T. 30th August

| District | Stations (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind Direc. (3) | Wind Force (4) | Weather (5) | Temp. °F. (6) | Dew Point °F. (7) | Visibility 0-9 (8) | Cloud Form Low (9) | Med. (10) | High (11) | Amount Total 0-9 (12) | Low A 0-9 (13) | Low B 0-9 (14) | Height of Base Hundreds of feet A (15) | B (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 06·4 | +6 | WSW | 4 | c | 65 | 47 | 8 | 8 | - | - | 5 | 5 | 3 | 21 | 25 |
| | Croydon | 07·0 | +10 | SW | 3 | c | 68 | 52 | 8 | 2 | 6 | - | 6 | 5 | - | 30 | - |
| | Boscombe Down | 06·5 | +4 | W | 5 | bc | 65 | 52 | 9 | 2 | - | 1 | 4 | 4 | 3 | 20 | - |
| | Thorney Island | 08·1 | +10 | SW | 4 | bc | 67 | 54 | 8 | 2 | 1 | 4 | 4 | 4 | 4 | 25 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 07·6 | +18 | SW | 3 | c | 67 | 53 | 8 | 2 | - | 6 | 7 | 5 | 7 | 22 | - |
| | Manston | 06·8 | +18 | W | 3 | c | 65 | 54 | 8 | 8 | - | 1 | 6 | 5 | 2 | 30 | - |
| 2 | North Weald | 06·2 | +10 | SSW | 3 | zo | 67 | 52 | 6 | 2 | - | - | 6 | 6 | - | 30 | - |
| | Felixstowe | 05·4 | +14 | WSW | 4 | c | 66 | 55 | 7 | 4 | - | 3 | 6 | 4 | 5 | 15 | 40 |
| | Gorleston | 04·3 | +18 | NNW | 2 | ido | 60 | 59 | 7 | 8 | - | - | 7 | 7 | - | 12 | - |
| | Mildenhall | 04·6 | +6 | W'N | 4 | c | 67 | 56 | 7 | 8 | - | - | 5 | 4 | 5 | 10 | 25 |
| | Bircham Newton | 04·8 | +2 | WSW | 2 | c/r | 61 | 57 | 7 | 2 | - | - | 8 | 4 | 6 | 8 | 15 |
| | Cranwell | 05·8 | -2 | SW'W | 2 | zo | 65 | 54 | 6 | 8 | - | - | 5 | 4 | 4 | 20 | 40 |
| 3 | Cranfield | 05·8 | +4 | WSW | 4 | bc | 62 | 52 | 8 | 2 | 6 | - | 4 | 4 | 1 | 35 | - |
| | Honiley | 04·3 | -4 | SW | 4 | bc | 65 | 50 | 8 | 1 | - | - | 4 | 4 | - | 25 | - |
| 4 | Little Rissington | 05·1 | +2 | SW'W | 4 | c | 62 | 50 | 8 | 2 | - | - | 5 | 5 | - | 25 | - |
| | Shobden | 04·9 | -2 | SW | 4 | bc | 61 | 56 | 8 | 2 | 6 | 4 | 4 | 4 | 1 | 15 | - |
| 5 | Bristol | 06·0 | -2 | W'S | 4 | bc | 67 | 51 | 8 | 2 | 4 | - | 5 | 5 | 1 | 30 | - |
| | Chivenor | 06·2 | -2 | WSW | 5 | c | 64 | 55 | 9 | 8 | 6 | 4 | 6 | 2 | 4 | 12 | 15 |
| | Yeovilton | 07·2 | 0 | SW | 3 | c | 66 | 55 | 8 | 8 | - | - | 5 | 4 | 5 | 25 | 40 |
| | Portland Bill | 08·1 | +6 | SW | 4 | c | 62 | 59 | 8 | 2 | - | - | 5 | 5 | - | 60 | - |
| | Exeter | 07·2 | -2 | SSW | 3 | c | 66 | 55 | 8 | 5 | - | - | 5 | 5 | - | 25 | - |
| | Plymouth | 07·7 | -2 | SW | 2 | c | 64 | 57 | 8 | 8 | - | - | 6 | 4 | 6 | 22 | 57 |
| | St. Eval | 07·6 | +2 | W'S | 4 | cirxjp | 62 | 57 | 9 | 8 | 7 | 1 | 5 | 4 | 3 | 10 | 25 |
| | The Lizard | 07·9 | +4 | W'N | 3 | c/pr | 61 | 59 | 8 | 8 | - | - | 7 | 7 | - | 25 | - |
| | Scilly, St. Marys | 06·1 | +8 | W'N | 3 | bc | 66 | 55 | 8 | 8 | - | 2 | 3 | 3 | 2 | 10 | - |
| 6 | Fairwood | 05·6 | 0 | SW | 4 | propr | 62 | 62 | 6 | 8 | - | - | 8 | 5 | 8 | 5 | 25 |
| | Pembroke | 04·3 | 0 | WSW | 5 | c | 61 | 56 | 8 | 8 | - | - | 6 | 6 | - | 20 | - |
| | Aberporth | 03·9 | -2 | SW | 4 | bc/pr | 62 | 53 | 8 | 2 | 6 | 8 | 6 | 3 | 5 | 15 | 25 |
| 7 | Penrhos | 03·3 | -2 | SW | 4 | c | 63 | 55 | 8 | 2 | - | 3 | 6 | 4 | 5 | 20 | - |
| | Holyhead, Valley | 02·8 | -2 | SW'W | 4 | c | 62 | 55 | 9 | 8 | 6 | 6 | 8 | 4 | 7 | 15 | 40 |
| | Hawarden | 02·9 | -6 | W | 2 | c/pr | 61 | 54 | 7 | 8 | - | - | 2 | 4 | 7 | 20 | 40 |
| 8 | Manchester | 03·2 | -4 | WSW | 3 | c/pr | 63 | 50 | 9 | 7 | - | - | 7 | 7 | - | 20 | - |
| | Squires Gate | 02·3 | -2 | W'N | 4 | c | 62 | 54 | 8 | 7 | - | - | 7 | 3 | 7 | 15 | 40 |
| | Silloth | 01·6 | +6 | SSW | 4 | bc | 60 | 52 | 8 | 8 | 6 | - | 6 | 5 | 2 | 30 | - |
| 9 | Ashbourne | 03·3 | -6 | SW | 4 | c | 64 | 48 | 8 | 2 | 6 | 9 | 5 | 3 | 5 | 18 | 25 |
| | Snaith | 03·3 | -4 | WSW | 3 | zo | 64 | 50 | 6 | 2 | 6 | - | 5 | 4 | 3 | 25 | - |
| 10 | Spurn Head | 04·1 | -6 | S | 3 | bc | 61 | 57 | 7 | 2 | 4 | - | 5 | 3 | 2 | - | 57 |
| | Catterick (Sc.) | 02·0 | -12 | SW | 4 | bc | 62 | 48 | 7 | 8 | 7 | - | 6 | 4 | 4 | 22 | 40 |
| | Tynemouth | 01·7 | -6 | SW | 3 | propr | 61 | 57 | 6 | 2 | - | - | 6 | 6 | - | 20 | - |
| | Acklington | 01·1 | -10 | SW | 4 | propr | 61 | 51 | 7 | 8 | - | - | 6 | 5 | 6 | 20 | - |
| 11 | St. Abb's Head | 00·3 | -4 | - | 0 | flx(S) | 54 | 50 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Leuchars | 99·3 | -6 | SSW | 2 | bc/pr | 56 | 51 | 6 | 8 | - | - | 6 | 6 | - | 20 | - |
| | Montrose | * | * | S | 4 | c | 59 | 49 | 7 | 8 | 6 | 1 | 7 | 3 | 4 | 15 | 40 |
| 12 | Abbotsinch | 99·3 | -6 | SW | 2 | c | 60 | 52 | 8 | 8 | - | - | 6 | 4 | 6 | 18 | 25 |
| | Prestwick | 99·2 | -14 | SW'W | 4 | bc | 60 | 51 | 8 | 8 | 6 | - | 4 | 4 | 3 | 20 | - |
| | West Freugh | 00·0 | -2 | SW | 4 | bc | 60 | 51 | 8 | 8 | - | 1 | 4 | 4 | 3 | 25 | - |
| | Eskdalemuir | 99·3 | -4 | S'W | 4 | propr | 56 | 50 | 8 | 5 | - | - | 5 | 5 | - | 17 | - |
| | Jurby, I. of Man | 01·2 | +2 | SW | 6 | bc | 60 | 54 | 9 | 2 | - | 3 | 4 | 2 | 4 | 15 | 25 |
| 13A | Machrihanish | 98·7 | 0 | WSW | 2 | pr | 59 | 49 | 8 | 3 | 6 | - | 6 | 4 | 4 | 20 | 25 |
| | Tiree | 96·4 | -2 | SSW | 4 | bc/pr | 59 | 49 | 8 | 2 | - | 4 | 4 | 3 | 4 | 15 | 25 |
| | Oban | 98·0 | +6 | SW | 2 | bc/pr | 59 | 54 | 9 | 8 | - | - | 4 | 2 | 4 | 15 | 40 |
| 13B | Stornoway | 94·4 | 0 | S | 4 | bc/pr | 55 | 51 | 8 | 8 | - | - | 6 | 4 | 5 | 8 | 25 |
| | Cape Wrath | 95·5 | -6 | SW | 4 | propr | 51 | 49 | 8 | 8 | 2 | - | 6 | - | 0 | - | - |
| 15 | Dalwhinnie | 97·5 | -12 | SW | 3 | c/r | 51 | 49 | 7 | 5 | - | - | 7 | 7 | - | 22 | - |
| | Aberdeen | 98·6 | -16 | SSE | 2 | c | 60 | 49 | 8 | 7 | 3 | 1 | 5 | 2 | 1 | - | - |
| | Fraserburgh | 98·9 | -12 | SE'S | 4 | bc | 61 | 49 | 8 | 5 | 3 | 5 | 4 | 3 | 3 | 25 | - |
| | Alness | 96·4 | -8 | SW | 3 | roro | 54 | 50 | 8 | 5 | 7 | - | 7 | 2 | 4 | 20 | 25 |
| | Wick | 97·1 | -10 | ENE | 1 | bc | 59 | 51 | 8 | 2 | 4 | 4 | 4 | 1 | 3 | 20 | - |
| 16 | Hatston | 96·9 | -10 | S'E | 4 | c | 61 | 50 | 8 | 5 | 3 | 8 | 5 | 3 | 4 | 30 | - |
| | Sumburgh | 98·5 | -2 | S'E | 3 | c | 56 | 53 | 8 | 5 | 7 | - | 7 | 1 | 3 | 10 | 57 |
| | Sullom Voe | 98·9 | -6 | S'E | 3 | c/r | 59 | 47 | 8 | 2 | 1 | - | 8 | 3 | 8 | 25 | - |
| 17 | Blacksod Point | 98·9 | -2 | WSW | 5 | c | 58 | 50 | 8 | 6 | - | - | 7 | 7 | - | 15 | - |
| 18 | Malin Head | 97·3 | +2 | SW | 4 | propr | 57 | 53 | 8 | 8 | - | - | 5 | 5 | - | 25 | - |
| | Aldergrove | 99·3 | -4 | SW'S | 4 | c | 62 | 49 | 9 | 8 | - | 6 | 5 | 4 | 4 | 25 | - |
| | Cas. Archdale | 99·7 | -4 | SW | 5 | c | 57 | 46 | 8 | 2 | 6 | 2 | 5 | 4 | 3 | 25 | 40 |
| 19 | Birr Castle | 01·7 | -2 | WSW | 2 | c | 57 | 55 | 8 | 8 | 7 | - | 6 | 5 | - | 15 | - |
| | Collinstown | 02·2 | -2 | SW | 4 | bc | 62 | 54 | 9 | 2 | - | 2 | 5 | 4 | - | 25 | - |
| 20 | Foynes | 03·0 | -2 | SW'W | 4 | c | 61 | 53 | 8 | 8 | 6 | - | 6 | 5 | - | 40 | - |
| | Valentia | 03·9 | -6 | W'S | 4 | c/pr | 57 | 49 | 8 | 9 | - | - | 7 | 7 | - | 40 | - |
| | Roches Point | 04·8 | +2 | W | 4 | cbc/pr | 61 | 49 | 8 | 3 | - | 5 | 5 | 3 | - | 15 | - |

## OBSERVATIONS at 18h. G.M.T. 30th August — PAST 24 HOURS

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Wind Force (20) | Weather (21) | Temp. °F (22) | Dew Point °F (23) | Visibility 0-9 (24) | Cloud Form Low (25) | Med. (26) | High (27) | Amount Total 0-9 (28) | Low A 0-9 (29) | Low B 0-9 (30) | Height of Base Hundreds of feet A (31) | B (32) | State of Ground 0-9 (33) | Sea 0-9 (34) | Weather 06h.–12h. 30th (41) | 12h.–18h. 30th (42) | 18h 30th – 00h. 31st (43) | 00h.–06h. 31st. (44) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 06·6 | -2 | SSW | 3 | c | 65 | 52 | 8 | 5 | - | 6 | 7 | 3 | 5 | 28 | - | 1 | * | cr°rm°cy | cyc | cyc | c |
| Croydon | 06·3 | -4 | S'W | 3 | c | 64 | 51 | 8 | 4 | 7 | 6 | 6 | 3 | 4 | 40 | - | 0 | * | cd°ccy | cybcyc | cbc | cwbcpr |
| Boscombe Down | 06·8 | -4 | SSW | 4 | c | 61 | 56 | 8 | 5 | - | 8 | 8 | 3 | 4 | 10 | 15 | 0 | * | cmobcmobc | bcc | c | [illegible] |
| Thorney Island | 08·0 | 0 | SW | 3 | c | 62 | 55 | 9 | 4 | 3 | 8 | 8 | 3 | 4 | 20 | - | 0 | * | cbc | c | c | cproc |
| Friston | | | | | | | | | | | | | | | | | | * | | | | |
| Lympne | 08·4 | +2 | SW'S | 4 | c | 60 | 55 | 8 | 1 | 6 | 6 | 6 | 1 | 2 | 30 | - | 1 | § * | cdoromo | cbc | bcc | cwbwpro |
| Manston | 07·0 | -2 | SW'S | 4 | c | 62 | 54 | 8 | 2 | - | 6 | 6 | 3 | 6 | 25 | - | 0 | * | cirοc | dbcc | cvc | bccproc |
| North Weald | 05·9 | -2 | SSW | 4 | c | 64 | 51 | 8 | 4 | - | 2 | 6 | 3 | 5 | 30 | - | 0 | * | cmocrocz°cmoyc | | cbc | bcc |
| Felixstowe | 05·8 | 0 | SSW | 4 | c | 67 | 56 | 8 | - | - | 5 | 7 | 7 | - | 250 | - | 0 | * | c | cyc | cbc | bcc |
| Gorleston | 05·2 | +2 | SSW | 2 | c-bc | 67 | 52 | 7 | 7 | - | - | 5 | 5 | - | 22 | - | 0 | 2 | oido | c | c | cw |
| Mildenhall | 04·8 | +2 | SW'S | 3 | c | 66 | 66 | 8 | 8 | - | 2 | 7 | 1 | 4 | 25 | 40 | 0 | * | cidoc | ccyc | cbc | bcbwcirb |
| Bircham Newton | 04·6 | -2 | SSW | 3 | c-bc | 65 | 51 | 8 | - | 5 | 8 | 5 | 4 | 5 | - | - | 0 | * | crrocro | bcc | cpro | bc |
| Cranwell | 03·2 | -4 | SSW | 4 | c-bc | 63 | 52 | 8 | 4 | 7 | 6 | 5 | 3 | 5 | 35 | - | 0 | * | cmo | bcyc | | cprobc |
| Cranfield | 05·0 | -4 | SSE | 2 | c | 65 | 54 | 8 | 8 | - | 6 | 7 | 4 | 5 | 20 | 40 | 0 | * | cmobc | cy | cprobc | bcbcprc |
| Honiley | 03·0 | -10 | SSW | 5 | c | 62 | 53 | 8 | 2 | 7 | 6 | 7 | 2 | 3 | 25 | - | 0 | * | cdmobc | bcycpro | cbc | cciro |
| Little Rissington | 04·5 | -6 | SW | 4 | c | 59 | 52 | 8 | 5 | 4 | 6 | 8 | 3 | 3 | 25 | - | 0 | * | c | ccyproc | cbc | ccprb |
| Shobden | 04·4 | +2 | SSW | 3 | c | 60 | 48 | 8 | 4 | 7 | 6 | 7 | 3 | 4 | 15 | - | 0 | * | cbc | bccproc | ccprsc | bcprb |
| Bristol | 05·2 | -6 | SW | 2 | c | 60 | 51 | 7 | 1 | 7 | 6 | 8 | 2 | 4 | 30 | 57 | 1 | * | cmobcbcy | bcycprocmo | cbcc | ccprcy |
| Chivenor | 05·9 | -6 | WSW | 4 | c | 60 | 49 | 8 | 8 | 7 | - | 8 | 2 | 3 | 15 | 57 | 1 | * | bcc | cbcproc | cpro | cpropR |
| Yeovilton | 06·0 | -6 | WSW | 3 | c-bc | 63 | 54 | 8 | 8 | 4 | 2 | 5 | 3 | 4 | 15 | 25 | 1 | * | cbcc | ccpro | ccbcc | ccproc |
| Portland Bill | 06·5 | -8 | SW | 4 | c | 61 | 58 | 8 | 5 | - | - | 8 | 8 | - | 50 | - | 1 | 4 | bcc | c | ccR | orrc |
| Exeter | 06·2 | -6 | W | 4 | c | 62 | 51 | 8 | 5 | 7 | - | 6 | 4 | 4 | 20 | 40 | 0 | * | bbccbc | bccprc | bc | bcprido |
| Plymouth | 06·6 | -12 | WSW | 2 | c | 62 | 51 | 8 | 5 | 1 | - | 7 | 4 | 7 | 18 | - | 0 | 2 | bcc | cproc | cprobc | cpro |
| St. Eval | 06·5 | -10 | WSW | 4 | c | 59 | 53 | 8 | 5 | 7 | - | 8 | 3 | 8 | 25 | - | 1 | * | cbccbc | cproc | ccprc | cproc |
| The Lizard | 07·0 | -4 | WNW | 4 | c | 60 | 54 | 7 | 5 | - | - | 7 | 7 | - | 18 | - | 0 | 4 | cprc | c | cprc | cprc |
| Scilly, St. Marys | 06·4 | -14 | WSW | 4 | cjp | 61 | 53 | 8 | 8 | - | - | 7 | 7 | - | 16 | - | 1 | 4 | cpbc | bccpoc | cpg | cpgl |
| Fairwood | 04·8 | -8 | WSW | 4 | c | 61 | 48 | 8 | 5 | 7 | 7 | 8 | 3 | 4 | 20 | - | 1 | * | bcycpro | cproc | ccprmpbc | cprmcb |
| Pembroke | 03·1 | -20 | SW | 6 | rr | 60 | 51 | 4 | 6 | - | - | 8 | 8 | - | 15 | - | 1 | 4 | c | cproprrgmc | cprg | cg |
| Aberporth | 03·6 | -6 | SW | 4 | c/pr | 57 | 51 | 8 | 9 | 7 | - | 7 | 1 | 3 | 10 | 15 | 1 | 3 | cbcbbcmpr | eccpro | cprobc | c |
| Penrhos | 02·2 | -12 | SSW | 4 | c | 60 | 50 | 8 | 4 | 7 | 9 | 6 | 4 | 5 | 35 | - | 0 | 3 | | c | | bbcb |
| Holyhead, Valley | 01·6 | -14 | SW'S | 6 | c-bc | 60 | 53 | 8 | 4 | 8 | 6 | 5 | 3 | 4 | 20 | - | 0 | 4 | cbccproc | c | cprobc | bcb |
| Hawarden | 02·2 | -6 | SW'W | 4 | c | 61 | 48 | 8 | 5 | - | 7 | 8 | 1 | 8 | 20 | - | 0 | * | cmoccpro | cproccy | bccbcpro | cprobc |
| Manchester | 02·5 | -2 | W'S | 3 | c | 60 | 49 | 8 | 4 | 6 | 3 | 7 | 3 | 6 | 35 | - | 1 | * | irobcypro | cproPRc | cporomo | bccpro |
| Squires Gate | 01·6 | -10 | W'N | 4 | c-bc | 62 | 51 | 8 | 8 | - | 2 | 5 | 2 | 5 | 20 | - | 0 | * | bcc | cprmoc | cpro | bcprobc |
| Silloth | 01·1 | -4 | S | 3 | c | 58 | 49 | 9 | 8 | 6 | 6 | 6 | 5 | 5 | 35 | - | 0 | * | cprc | cjpcbcc | cirorpHr | cprobc |
| Ashbourne | 02·9 | -4 | SW | 3 | c | 59 | 56 | 8 | 8 | 7 | - | 7 | 4 | 7 | 20 | - | 1 | * | cHcmoc | cycvycproc | cvcivo | |
| Snaith | 02·5 | -6 | SW | 1 | c/pr | 60 | 55 | 7 | 4 | 7 | - | 8 | 4 | 5 | 25 | 40 | 1 | * | bcz° | cyproc | cmobc | bcpromo |
| Spurn Head | 03·3 | -6 | SSW | 3 | c | 64 | 55 | 7 | 3 | 4 | - | 7 | 5 | 3 | 15 | 57 | 0 | 1 | | bcc | cbc | prc |
| Catterick (Sc.) | 02·0 | -6 | SW'S | 3 | c-bc | 59 | 48 | 8 | 2 | 7 | 5 | 5 | 2 | 5 | 15 | - | 0 | * | cmobcmo | cbcc | cbc | bcciron |
| Tynemouth | 00·7 | -4 | SW | 4 | b-bc | 62 | 50 | 7 | 2 | 3 | 2 | 3 | 2 | 3 | 22 | - | 1 | 2 | cprtmo | cdmobc | bccmobc | bccpmo |
| Acklington | 00·2 | -6 | WSW | 2 | b-bc | 61 | 50 | 8 | 2 | - | 1 | 3 | 1 | 3 | 25 | - | 0 | * | cmocpro | cprcbc | cpidbccro | cmyoryr |
| St. Abb's Head | 98·2 | -4 | SW | 2 | b-bc | 61 | 45 | 9 | 2 | 4 | - | 3 | 3 | 2 | 35 | - | 0 | 3 | bcomHr | bc | cprciR | ccjp |
| Leuchars | 97·4 | -2 | SW | 4 | bc | 59 | 46 | 8 | 3 | 6 | 3 | 4 | 3 | 3 | 35 | - | 1 | * | cproc | cprobcybc | bccpr | cproc |
| Montrose | * | * | SW | 2 | cbg bc | 59 | 51 | 8 | 2 | 6 | 3 | 4 | 3 | 3 | 25 | - | 0 | * | cwfgciro | cirmocprbc | bcprcbcp | rccprqc |
| Abbotsinch | 98·3 | -8 | SW | 2 | 7Hr | 54 | 51 | 8 | 8 | 6 | 2 | 5 | 3 | 3 | 14 | 25 | 1 | * | cprmoc | bccHR | cbccpr | [illegible] |
| Prestwick | 97·7 | -10 | SW'S | 3 | pr | 58 | 51 | 8 | 8 | - | - | 7 | 3 | 4 | 12 | 15 | 1 | * | cirmoc | cbcc | cbcpro | cproqc |
| West Freugh | 99·1 | -4 | SSW | 4 | c | 58 | 52 | 8 | 8 | 6 | 3 | 6 | 3 | 4 | 15 | 25 | 0 | * | cirorcibc | bccproc | cprolprm | [illegible] |
| Eskdalemuir | 98·5 | -6 | S'W | 4 | c-bc | 55 | 49 | 8 | 8 | 4 | - | 5 | 5 | 1 | 25 | - | 1 | * | crrH | cpry | ciRH | [illegible] |
| Jurby, I. of Man | 99·9 | -12 | S'W | 4 | c | 58 | 51 | 8 | 4 | 7 | - | 7 | 1 | 3 | 18 | 25 | 0 | * | ccirc | bccjproc | prcjp | cjrorob |
| Machrihanish | 96·6 | -14 | S'W | 3 | c | 56 | 53 | 7 | 8 | 7 | - | 6 | 2 | 4 | 15 | 25 | 0 | | rvcbcpr | prc | rprir | cprocc |
| Tiree | 94·7 | -14 | SSW | 3 | pr | 56 | 48 | 9 | 3 | - | - | 5 | 4 | 3 | 15 | 25 | 1 | 2 | bcprom | bccprobcirtl | ccpro | cbccproc |
| Oban | 96·3 | -16 | S | 1 | cbcpr | 54 | 52 | 9 | 3 | 8 | 2 | 5 | 1 | 3 | 15 | 25 | 1 | 2 | cproc | ccprcbc | bccpr | [illegible] |
| Stornoway | 93·1 | -8 | S | 5 | c | 57 | 49 | 8 | 3 | 4 | 3 | 6 | 4 | 2 | 20 | - | 0 | * | cpro | tbcc | ccprocbc | bccrr |
| Cape Wrath | 95·0 | -6 | S | 2 | c | 55 | 48 | 9 | 3 | 4 | 2 | 6 | 4 | - | 25 | - | 0 | 3 | | ÷ | | cporc |
| Dalwhinnie | 96·0 | -2 | SW | 2 | c | 52 | 45 | 7 | 5 | 4 | - | 7 | 5 | 7 | 25 | - | 1 | * | | cir | * | cifo |
| Aberdeen | 97·6 | -6 | S | 2 | bc/Hr | 56 | 50 | 8 | 8 | 4 | 3 | 4 | 2 | - | 15 | - | 1 | 2 | cproc | cHrobcHbc | bcc | circ |
| Fraserburgh | 97·5 | -10 | S'E | 4 | c-bcjp | 55 | 51 | 9 | 8 | - | 3 | 5 | 1 | 4 | 20 | 25 | 0 | * | | cprobcjp | cjpbcc | ccrοrοc |
| Alness | 95·6 | -2 | WSW | 3 | c-bc | 58 | 47 | 8 | 3 | 6 | 2 | 5 | 2 | 4 | 30 | - | 0 | * | croro | bcyprbc | bc | cirororo |
| Wick | 95·8 | -10 | S | 1 | b-bc | 55 | 51 | 9 | 3 | - | 2 | 3 | 2 | 3 | 20 | - | 0 | * | cporbc | cproctlcprobcbbc | | bcwc |
| Hatston | 96·0 | 0 | SSE | 3 | c-bc | 55 | 50 | 7 | 5 | 7 | - | 5 | 4 | 5 | 30 | - | * | * | cbc. | bcptlc | cbc | bcc |
| Sumburgh | 97·6 | -2 | SE | 4 | c | 56 | 53 | 8 | 5 | 7 | - | 7 | 4 | 7 | 9 | - | 0 | 2 | c | c | irovc | bcc |
| Sullom Voe | 97·9 | -2 | SSE | 4 | c | 57 | 53 | 7 | 2 | 9 | - | 7 | 4 | 7 | 15 | - | 0 | * | circ | c | cprc | cbc |
| Blacksod Point | 96·5 | -10 | W | 4 | c/pr | 55 | 48 | 8 | 9 | - | - | 7 | 7 | - | 15 | - | 1 | 3 | c | pr | bc | pr |
| Malin Head | 94·9 | -14 | SSW | 4 | c-bc | 56 | 48 | 8 | 9 | - | - | 5 | 5 | - | 25 | - | 1 | 4 | pr | pr | pr | r |
| Aldergrove | 96·8 | -18 | S'W | 4 | bcjp | 55 | 48 | 9 | 9 | 3 | 1 | 4 | 1 | 3 | 10 | 15 | 1 | * | irmocbc | bcyPRprocs | jpprocc | cbcbbc |
| Cas. Archdale | 96·2 | -24 | SW | 4 | PR | 53 | 50 | 5 | 9 | - | - | 8 | 8 | - | 10 | - | 1 | * | cbcv | bcccr | cprcbc | bcc |
| Birr Castle | 98·9 | -18 | SSW | 3 | c | 52 | 50 | 7 | 9 | 2 | - | 8 | 5 | - | 8 | - | 1 | * | pr | pr | | pr |
| Collinstown | 99·9 | -20 | SW'W | 4 | bcjp | 58 | 50 | 9 | 8 | 6 | 3 | 4 | 4 | - | 25 | - | 1 | * | bc | pr | pr | b |
| Foynes | 00·1 | -10 | W | 2 | PR | 54 | 50 | 6 | 8 | 6 | - | 7 | 7 | - | 24 | - | 1 | * | c | pr | pr | pr |
| Valentia | 00·8 | -18 | WSW | 4 | c-bc/pr | 55 | 53 | 8 | 3 | - | - | 5 | 5 | - | 24 | - | 1 | 4 | pr | pr | pr | pr |
| Roches Point | 01·5 | -18 | W'S | 4 | bc | 59 | 52 | 8 | 3 | 3 | - | 4 | 2 | - | 15 | - | 1 | 4 | pr | pr | bc | bc |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).
0 = Nil  1 = Trace  2 = 1/10  3 = 1/4  4 = 1/2  5 = 3/4  6 = 9/10  7 = More than 9 but with openings.  8 = Completely covered.  9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present. B = Next lowest cloud.

* Information not usually received.

§ Sea disturbance reported from Dungeness.

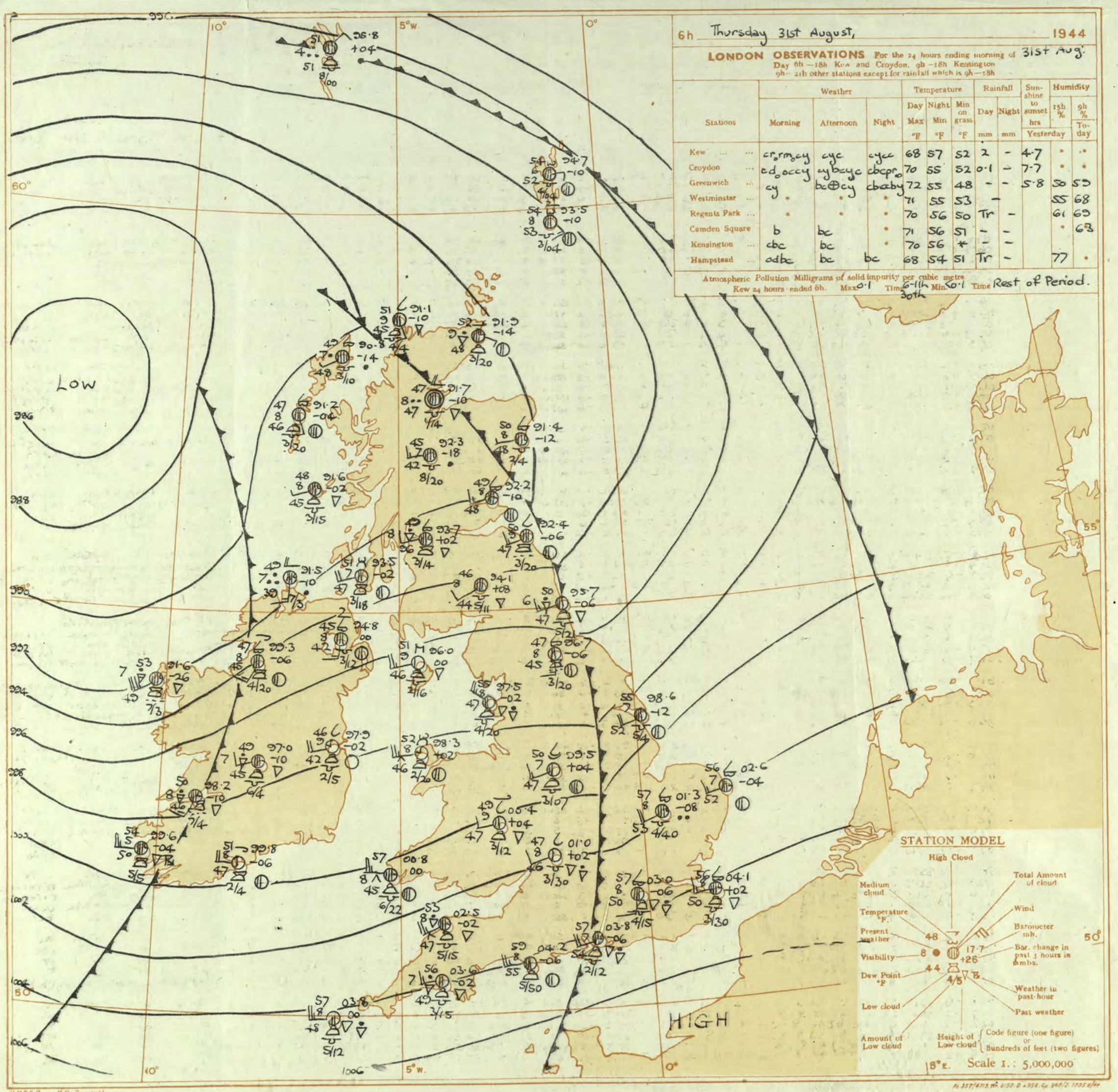
NELSON K. JOHNSON, K.C.B., D.Sc., Director.
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.

6h Thursday 31st August, 1944

**LONDON OBSERVATIONS** For the 24 hours ending morning of 31st Aug.
Day 6h—18h Kew and Croydon, 9h—18h Kensington
9h—21h other stations except for rainfall which is 9h—18h

| Stations | Weather: Morning | Weather: Afternoon | Weather: Night | Temperature: Day Max °F | Temperature: Night Min °F | Temperature: Min on grass °F | Rainfall: Day mm | Rainfall: Night mm | Sunshine to sunset hrs Yesterday | Humidity: 15h % Yesterday | Humidity: 9h % Today |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... ... | cr rm cy | cyc | cycc | 68 | 57 | 52 | 2 | - | 4·7 | • | • |
| Croydon ... | cd occy | cy bcyc | cbcpr | 70 | 55 | 52 | 0·1 | - | 7·7 | • | • |
| Greenwich ... | cy | bc⊕cy | cbcby | 72 | 55 | 48 | - | - | 5·8 | 50 | 53 |
| Westminster ... | • | • | • | 71 | 55 | 53 | - | | | 55 | 68 |
| Regents Park ... | • | • | • | 70 | 56 | 50 | Tr | - | | 61 | 69 |
| Camden Square | b | bc | • | 71 | 56 | 51 | - | - | | • | 63 |
| Kensington ... | cbc | bc | • | 70 | 56 | * | - | - | | | |
| Hampstead ... | odbc | bc | bc | 68 | 54 | 51 | Tr | - | | 77 | • |

Atmospheric Pollution Milligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. Max 0·1 Time 6-11h 30th Min 0·1 Time Rest of Period.




H.M.S.O. Press, M.O. Dunstable.

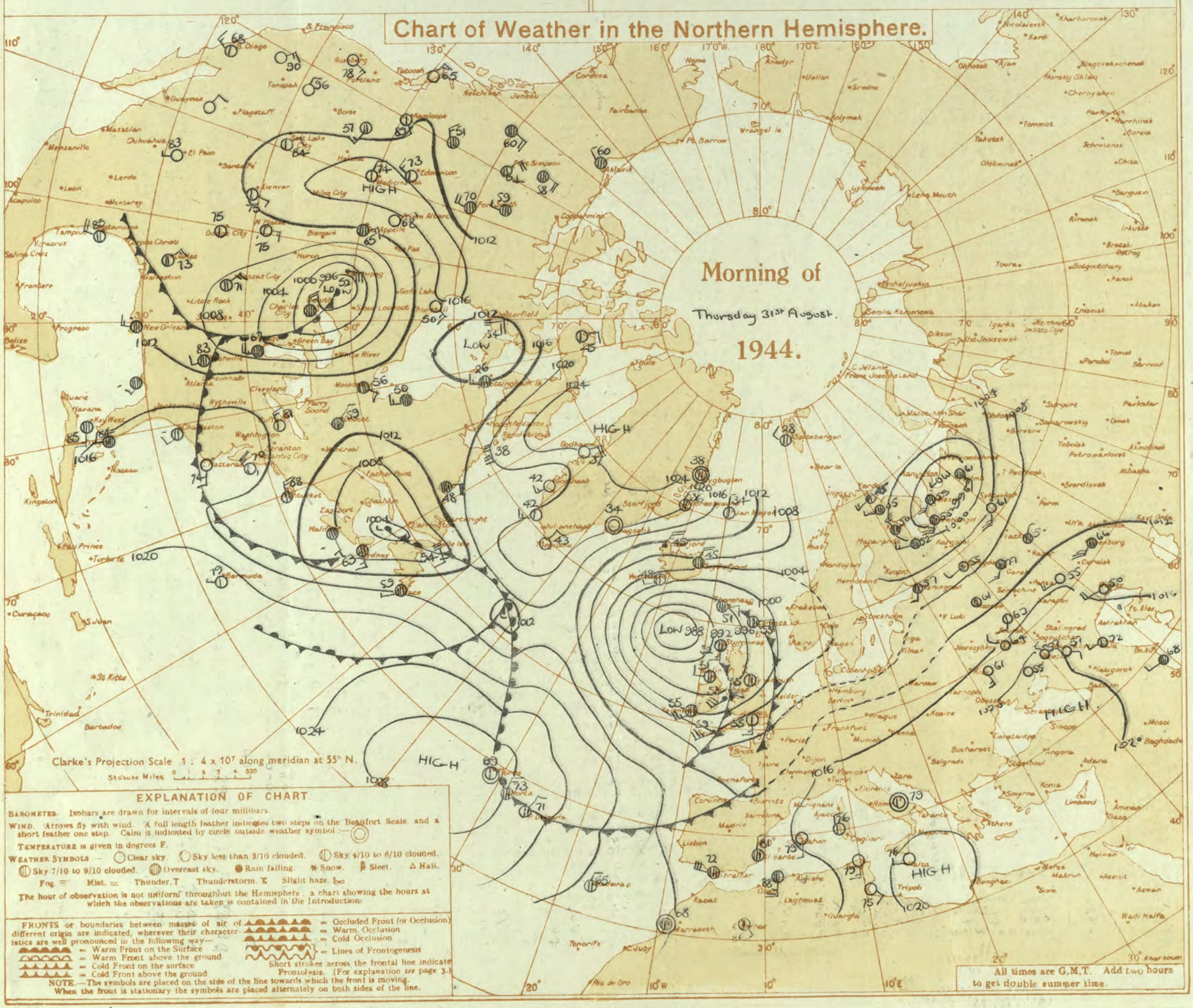
## GENERAL INFERENCE

A complex depression near Scotland is moving east. There will be showers in all districts with local thunderstorms, but also bright intervals.

It will be cool.

## FURTHER OUTLOOK

Rain in the South.
Showers in the North.
Cool.



BRITISH SECTION

# THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, AIR MINISTRY, LONDON.

Thursday 31st Aug. 1944

No. 30233

## OBSERVATIONS at 00hr. G.M.T. 31st August

| District | Stations | Height above M.S.L. in feet | Barom at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind Direc. (3) | Wind Force (4) | Weather. (5) | Temp. °F (6) | Dew Point °F. (7) | Visibility. 0-9 (8) | Cloud Form. Low. (9) | Cloud Form. Med. (10) | Cloud Form. High. (11) | Cloud Amount. Total. 0-9 (12) | Cloud Amount. Low A. 0-9 (13) | Cloud Amount. Low B. 0-9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | | | | | 60 | | | | | | | | | | |
| | Croydon | 217 | 04.5 | -16 | S | 3 | bc | 55 | 54 | 7 | 4 | - | - | 3 | 3 | - | 50 | - |
| | Boscombe Down | 417 | 05.0 | -12 | SW'S | 4 | bc | 55 | 52 | 8 | 5 | - | - | 2 | 2 | - | 40 | - |
| | Thorney Island | 10 | 06.3 | -10 | WSW | 4 | c | 61 | 56 | 8 | 1 | 3 | - | 6 | 2 | 5 | 25 | - |
| | Friston | – | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 06.4 | -14 | SSW | 1 | c | 57 | 57 | 7 | 5 | 3 | - | 5 | 2 | 5 | 60 | - |
| | Manston | 140 | 05.7 | -10 | SSW | 1 | c | 57 | 56 | 7 | - | 3 | - | 5 | 5 | - | - | - |
| 2 | North Weald | 244 | 05.5 | 0 | SSW | 2 | bc | 57 | 55 | 7 | - | 8 | 8 | 3 | 2 | 2 | 80 | - |
| | Felixstowe | 10 | 04.8 | -10 | SSW | 4 | bc | 61 | 56 | 8 | - | 4 | 5 | 4 | 2 | 2 | 78 | - |
| | Gorleston | 5 | 04.4 | -6 | SSW | 3 | c | 58 | 55 | 7 | - | 7 | - | 5 | 5 | - | 77 | - |
| | Mildenhall | 15 | 03.4 | -12 | SW'S | 3 | bc | 58 | 55 | 8 | 5 | 3 | - | 4 | 2 | 4 | 35 | - |
| | Bircham Newton | 221 | 05.9 | -2 | SW | 2 | bc | 55 | 51 | 8 | - | 3 | 3 | 5 | 4 | 3 | - | - |
| | Cranwell | 203 | 02.1 | -8 | SSW | 3 | bc | 54 | 50 | 7 | - | 3 | - | 4 | 4 | - | - | - |
| 3 | Cranfield | 340 | 04.6 | -6 | SW | 2 | bc | 55 | 51 | 7 | - | 3 | - | 3 | 3 | - | 80 | - |
| | Honiley | 427 | 02.2 | -14 | S | 3 | c | 55 | 50 | 7 | 5 | - | - | 6 | 6 | - | 30 | - |
| 4 | Little Rissington | 731 | 03.1 | -12 | SW | 4 | bc | 52 | 47 | 8 | 5 | 3 | - | 4 | 4 | 3 | 30 | - |
| | Shobden | 318 | 01.6 | -20 | SSW | 3 | c/pr | 56 | 49 | 8 | 2 | 3 | - | 5 | 4 | 5 | 25 | - |
| 5 | Bristol | 209 | 03.4 | -16 | S | 3 | c | 56 | 50 | 7 | 5 | 4 | - | 5 | 4 | 3 | 20 | - |
| | Chivenor | 20 | 03.8 | -10 | SSW | 4 | c | 56 | 52 | 8 | 5 | - | - | 5 | 4 | 3 | 20 | 40 |
| | Yeovilton | 50 | 04.5 | -10 | SW'S | 1 | c | 58 | 54 | 7 | 6 | 5 | - | 5 | 3 | 4 | 20 | 40 |
| | Portland Bill | 32 | 05.8 | -12 | SW | 4 | c | 61 | 58 | 8 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 100 | 05.0 | -8 | SSW | 4 | c | 58 | 53 | 7 | 5 | 7 | - | 6 | 3 | 6 | 35 | - |
| | Plymouth | 86 | 05.2 | -6 | SW'W | 5 | c | 59 | 52 | 8 | 2 | 7 | - | 5 | 3 | 4 | 20 | - |
| | St. Eval | 345 | 04.9 | -12 | SSW | 3 | propr | 55 | 52 | 7 | 8 | - | - | 7 | 5 | 7 | 10 | 40 |
| | The Lizard | 240 | 05.5 | -12 | SW'W | 6 | c/pr | 59 | 53 | 7 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Scilly, St. Marys | 163 | 04.5 | -14 | W'S | 5 | propr | 59 | 52 | 7 | 8 | - | - | 7 | 7 | - | - | - |
| 6 | Fairwood | 268 | 03.0 | -8 | WSW | 6 | bkp | 56 | 52 | 7 | 9 | 6 | - | 6 | 3 | 4 | 12 | 40 |
| | Pembroke | 142 | 01.6 | -12 | WSW | 5 | c/pr | 55 | 49 | 8 | 9 | 6 | - | 5 | 4 | 3 | 18 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 99.1 | -20 | SSW | 5 | propr | 57 | 50 | 7 | 2 | 6 | - | 5 | 4 | 3 | 25 | - |
| | Holyhead, Valley | 32 | 98.3 | -18 | WSW | 6 | propr | 55 | 50 | 8 | 3 | 6 | - | 6 | 3 | 4 | 15 | 25 |
| | Hawarden | 15 | 00.0 | -20 | S | 3 | propr | 54 | 52 | 7 | 3 | 6 | - | 5 | 4 | 3 | 30 | - |
| 8 | Manchester | 230 | 00.4 | -16 | SSW | 4 | c | 54 | 49 | 7 | 4 | 6 | 3 | 5 | 4 | 1 | 30 | - |
| | Squires Gate | 30 | 98.7 | -20 | S.W | 4 | propr | 55 | 52 | 8 | 8 | 6 | - | 7 | 5 | 7 | 20 | - |
| | Silloth | 25 | 96.5 | -30 | SW | 4 | c/pr | 54 | 50 | 8 | 8 | - | - | 7 | 5 | 7 | 25 | 40 |
| 9 | Ashbourne | 590 | 01.5 | -16 | SSW | 3 | ir o | 52 | 48 | 6 | 5 | - | - | 8 | 4 | 5 | 18 | 40 |
| | Snaith | 30 | 00.4 | -18 | S | 3 | bc | 52 | 46 | 7 | 5 | 4 | - | 8 | 3 | 3 | 85 | - |
| 10 | Spurn Head | 29 | 03.3 | -2 | S | 4 | bc | 57 | 52 | 7 | 5 | 4 | - | 4 | 4 | 3 | - | 57 |
| | Catterick (Sc.) | 195 | 99.3 | -20 | – | 0 | bc | 51 | 47 | 7 | 5 | 7 | - | 4 | 4 | 3 | 30 | - |
| | Tynemouth | 108 | 98.7 | -20 | SW | 4 | bc | 55 | 48 | 7 | 2 | - | - | 4 | 4 | - | - | - |
| | Acklington | 138 | 99.7 | -10 | S | 3 | ir o | 53 | 48 | 7 | 5 | 3 | - | 5 | 4 | 4 | 30 | 57 |
| 11 | St. Abb's Head | 250 | 95.6 | -20 | SW | 3 | ir | 51 | 47 | 7 | 8 | 2 | - | 5 | 3 | 3 | 20 | 40 |
| | Leuchars | 31 | 95.0 | -20 | SSE | 3 | c/pr | 54 | 51 | 7 | 5 | 2 | - | 6 | 5 | 8 | 15 | - |
| | Montrose | 22 | * | * | S | 4 | propr | 53 | 51 | 8 | 3 | - | 3 | 6 | 5 | 3 | 12 | 40 |
| 12 | Abbotsinch | 19 | 94.7 | -18 | – | 0 | propr | 51 | 50 | 7 | 5 | - | - | 8 | 4 | 8 | 20 | 25 |
| | Prestwick | 30 | 94.7 | -14 | WSW | 3 | propr | 52 | 48 | 6 | 9 | - | - | 6 | 4 | 6 | 13 | 40 |
| | West Freugh | 53 | 96.1 | -16 | WSW | 3 | propr | 51 | 48 | 7 | 9 | - | - | 7 | 7 | - | 10 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 96.5 | -22 | SW'W | 6 | c/p | 53 | 47 | 8 | 3 | 6 | - | 7 | 3 | 4 | 0 | 40 |
| 13A | Machrihanish | 35 | 94.6 | -10 | SW | 4 | ir | 52 | 48 | 7 | 8 | 7 | - | 5 | 3 | 5 | 20 | 25 |
| | Tiree | 44 | 93.0 | -8 | SSW | 2 | propr | 51 | 46 | 8 | 3 | - | - | 8 | 4 | 4 | 20 | 40 |
| | Oban | 74 | 94.2 | -10 | S | 1 | propr | 49 | 48 | 7 | 9 | 2 | - | 8 | 6 | 8 | 20 | - |
| 13B | Stornoway | 12 | 92.2 | -8 | S | 3 | bc | 52 | 47 | 8 | 3 | 4 | 3 | 4 | 4 | 3 | 18 | - |
| | Cape Wrath | 307 | 93.6 | -8 | SW | 1 | propr | 52 | 46 | 8 | 8 | 7 | - | 7 | - | 0 | - | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen† | 79 | 93.7 | -14 | – | 0 | c | 45 | 45 | 8 | 5 | 6 | - | 6 | 5 | 6 | 30 | - |
| | Fraserburgh | 76 | 96.4 | -6 | S'E | 2 | c | 49 | 47 | 8 | 5 | 3 | - | 6 | 5 | 6 | 35 | - |
| | Alness | 63 | 94.0 | -14 | E | 1 | bc | 46 | 43 | 8 | 5 | - | 3 | 4 | 3 | 4 | 25 | - |
| | Wick | 114 | 94.9 | -6 | S'E | 2 | c | 53 | 50 | 8 | 4 | 9 | 3 | 7 | 2 | 6 | 30 | - |
| 16 | Hatston | 45 | 94.5 | -6 | S'E | 1 | bc | 50 | 48 | 7 | 5 | 4 | - | 4 | 3 | 3 | 30 | - |
| | Sumburgh | 15 | 95.9 | -10 | SE | 2 | bc | 54 | 50 | 8 | 5 | 7 | - | 3 | 1 | 3 | 45 | - |
| | Sullom Voe | 12 | 96.6 | -10 | ESE | 3 | c | 53 | 52 | 7 | 5 | 7 | - | 6 | 4 | 6 | 15 | - |
| 17 | Blacksod Point † | 18 | 93.5 | -10 | W | 6 | bc | 52 | 48 | 8 | 9 | - | - | 4 | 4 | - | 15 | - |
| 18 | Malin Head * | 84 | 93.2 | -10 | W | 2 | PR | 51 | 47 | 8 | 8 | - | - | 4 | 4 | - | 25 | - |
| | Aldergrove | 294 | 95.6 | -2 | SW'S | 3 | c/pr | 50 | 47 | 8 | 8 | - | - | 7 | 4 | 7 | 17 | 25 |
| | Cas. Archdale | 240 | 96.8 | +2 | SW | 4 | bc | 49 | 44 | 8 | 7 | 6 | 3 | 4 | 3 | 4 | 20 | - |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown * | 220 | 98.6 | -10 | SW'W | 4 | bc/pr | 49 | 45 | 9 | 3 | 6 | 3 | 4 | 4 | - | 25 | - |
| 20 | Foynes * | 3 | 00.4 | -2 | SW'W | 2 | bc/pr | 48 | 44 | 8 | 3 | - | 3 | 4 | 3 | - | 25 | - |
| | Valentia * | 30 | 00.9 | -4 | W | 5 | bc/pr | 55 | 47 | 8 | 3 | - | - | 6 | 6 | - | 25 | - |
| | Roches Point * | 22 | 01.1 | 0 | WNW | 3 | b | 53 | 49 | 8 | 3 | - | 3 | 2 | 2 | - | 15 | - |

## OBSERVATIONS at 06hr. G.M.T. 31st August

| District | Stations | Barom at M.S.L. mb. (17) | Change in 3 hours. (18) | Wind Direc. (19) | Wind Force. (20) | Weather. (21) | Temp. °F. (22) | Dew Point. °F. (23) | Visibility. 0-9 (24) | Cloud Form. Low. (25) | Cloud Form. Med. (26) | Cloud Form. High. (27) | Cloud Amount. Total. 0-9 (28) | Cloud Amount. Low A. 0-9 (29) | Cloud Amount. Low B. 0-9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. 0-9 (33) | Sea. 0-9 (34) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 02.4 | -16 | SW | 3 | c | 58 | 51 | 8 | 5 | - | - | 7 | 5 | 2 | 25 | 40 | 1 | * |
| | Croydon | 03.0 | -6 | S'W | 3 | c/pr | 51 | 50 | 8 | 8 | 7 | - | 5 | 4 | 5 | 15 | 40 | 1 | * |
| | Boscombe Down | 03.5 | -2 | SW'W | 2 | bc | 52 | 49 | 8 | 8 | 7 | - | 4 | 3 | 4 | 20 | 40 | 1 | * |
| | Thorney Island | 03.8 | -6 | SW'W | 4 | c/pr | 57 | 54 | 7 | 8 | - | - | 7 | 7 | 7 | 12 | 40 | 1 | * |
| | Friston | | | | | | | | | | | | | | | | | | * |
| | Lympne | 04.0 | -6 | SW | 2 | c/pr | 55 | 53 | 7 | 2 | 2 | - | 8 | 4 | 8 | 20 | - | 0 | § |
| | Manston | 04.1 | +2 | SW'W | 3 | c/pr | 56 | 50 | 8 | 8 | 7 | 2 | 7 | 3 | 7 | 30 | 57 | 1 | * |
| 2 | North Weald | 02.4 | -2 | SSW | 3 | 20 | 57 | 53 | 6 | 5 | 7 | - | 7 | 2 | 5 | 20 | - | 0 | * |
| | Felixstowe | 02.9 | -4 | SSW | 4 | c | 58 | 54 | 8 | 7 | 7 | 2 | 6 | 2 | 4 | 30 | 40 | 0 | 5 |
| | Gorleston | 02.6 | -4 | SW | 3 | c | 56 | 52 | 7 | 7 | 7 | - | 6 | 6 | 6 | 78 | – | 0 | 3 |
| | Mildenhall | 01.3 | -8 | SW'S | 4 | c/pr | 57 | 53 | 8 | 5 | 7 | - | 7 | 4 | 7 | 40 | - | 1 | * |
| | Bircham Newton | 00.8 | -12 | SW | 4 | c | 54 | 51 | 8 | 8 | 3 | 1 | 6 | 4 | 4 | 50 | - | 1 | * |
| | Cranwell | 99.2 | -8 | SW'S | 4 | c | 54 | 50 | 7 | 5 | 7 | - | 5 | 4 | 5 | 45 | - | 0 | * |
| 3 | Cranfield | 02.6 | -2 | SSW | 3 | bc/pr | 51 | 49 | 8 | 2 | 7 | - | 6 | 3 | 5 | 15 | 25 | 1 | * |
| | Honiley | 00.1 | +2 | SW | 4 | bkpr | 50 | 50 | 7 | 8 | - | - | 3 | 3 | 2 | 25 | 40 | 1 | * |
| 4 | Little Rissington | 01.0 | -2 | SW | 2 | bkpr | 47 | 46 | 8 | 5 | 4 | - | 3 | 3 | 3 | 30 | - | 1 | * |
| | Shobden | 00.4 | +4 | SW | 2 | bc | 49 | 47 | 9 | 2 | 4 | 1 | 4 | 3 | 2 | 12 | - | 0 | * |
| 5 | Bristol | 02.1 | +6 | SW | 2 | bc | 51 | 47 | 8 | 2 | 7 | - | 5 | 4 | 3 | 25 | – | 1 | * |
| | Chivenor | 02.5 | -2 | SW'S | 5 | propr | 53 | 47 | 8 | 8 | - | - | 6 | 5 | 6 | 15 | 40 | 1 | * |
| | Yeovilton | 02.8 | +2 | WSW | 1 | c | 54 | 50 | 8 | 8 | 3 | - | 4 | 2 | 4 | 20 | 40 | 0 | * |
| | Portland Bill | 04.2 | -6 | W2W | 3 | c | 59 | 55 | 8 | 2 | - | - | 5 | 5 | - | 50 | - | 1 | 4 |
| | Exeter | 03.7 | 0 | SW | 1 | ir o | 53 | 50 | 8 | 8 | - | - | 5 | 5 | - | 20 | - | 1 | * |
| | Plymouth | 03.6 | -2 | WSW | 3 | propr | 56 | 49 | 7 | 8 | - | - | 4 | 3 | 3 | 15 | 40 | 1 | 3 |
| | St. Eval | 03.9 | -2 | W'S | 3 | c/pr | 55 | 49 | 7 | 8 | - | - | 5 | 4 | 5 | 9 | 25 | 3 | * |
| | The Lizard | 03.8 | 0 | W | 6 | c | 57 | 49 | 7 | 8 | - | - | 5 | 5 | - | 15 | - | 0 | 5 |
| | Scilly, St. Marys | 03.8 | 0 | W'S | 5 | c/pr | 57 | 48 | 8 | 8 | - | - | 5 | 5 | - | 12 | - | 1 | 5 |
| 6 | Fairwood | 01.6 | +2 | W | 2 | bc | 50 | 46 | 8 | 9 | 6 | - | 4 | 3 | 4 | 12 | 25 | 1 | * |
| | Pembroke | 00.8 | 0 | W | 5 | bc 2 | 57 | 45 | 8 | 8 | - | - | 6 | 6 | - | 22 | - | 1 | 4 |
| | Aberporth | 00.6 | +2 | WSW | 3 | c | 52 | 44 | 9 | 8 | 6 | - | 6 | 5 | 2 | 12 | 40 | 1 | 3 |
| 7 | Penrhos | 99.3 | +2 | WSW | 7 | bc | 50 | 45 | 8 | 2 | 6 | - | 4 | 4 | 1 | 20 | - | 0 | 2 |
| | Holyhead, Valley | 98.3 | +2 | WSW | 5 | bc | 52 | 46 | 8 | 2 | 6 | - | 7 | 2 | 1 | 20 | - | 1 | 4 |
| | Hawarden | 99.0 | +2 | SSE | 2 | bc | 55 | 46 | 8 | 2 | 4 | - | 7 | 1 | 1 | 30 | - | 0 | * |
| 8 | Manchester | 98.6 | +2 | W | 5 | c | 49 | 46 | 7 | 3 | - | 3 | 4 | 3 | 2 | 25 | - | 1 | * |
| | Squires Gate | 97.5 | -2 | WNW | 5 | bc/pr | 55 | 47 | 8 | 8 | - | - | 4 | 4 | - | 20 | - | 1 | 0 |
| | Silloth | 95.4 | +4 | W | 4 | bc | 51 | 48 | 8 | 9 | 4 | 3 | 4 | 4 | 4 | 28 | 40 | 1 | * |
| 9 | Ashbourne | 99.5 | +4 | SW | 3 | bc | 50 | 47 | 7 | 8 | 9 | - | 4 | 3 | 4 | 7 | 40 | 1 | * |
| | Snaith | 98.0 | -2 | SW | 3 | c/pr | 52 | 46 | 7 | 8 | 6 | 3 | 5 | 4 | 3 | 18 | - | 1 | * |
| 10 | Spurn Head | 98.6 | -12 | SW | 4 | c | 55 | 52 | 7 | 5 | - | - | - | - | - | - | - | 1 | 3 |
| | Catterick (Sc.) | 96.7 | -6 | S | 3 | bc | 47 | 45 | 8 | 9 | 7 | - | 5 | 5 | 4 | 20 | 40 | 1 | * |
| | Tynemouth | 95.7 | -6 | SW | 3 | propr | 50 | 47 | 6 | 8 | - | - | 5 | 5 | - | 21 | - | 1 | 2 |
| | Acklington | 94.8 | -18 | SW | 2 | c/pr | 49 | 48 | 7 | 8 | 6 | - | 5 | 3 | 5 | 15 | 25 | 1 | * |
| 11 | St. Abb's Head | 92.4 | -6 | SW | 3 | c | 50 | 47 | 9 | 9 | 7 | - | 5 | 3 | 3 | 20 | 40 | 1 | 2 |
| | Leuchars | 92.2 | -10 | SW | 3 | c | 49 | 48 | 8 | 8 | 7 | - | 6 | 4 | 6 | 25 | - | 1 | * |
| | Montrose | * | * | SW | 2 | c | 50 | 48 | 8 | 8 | 7 | 3 | 6 | 4 | 4 | 12 | 40 | 1 | * |
| 12 | Abbotsinch | 93.7 | +2 | WSW | 2 | propr | 49 | 46 | 8 | 3 | 7 | - | 7 | 3 | 4 | 14 | 25 | 1 | * |
| | Prestwick | 93.8 | +2 | W | 4 | bc/pr | 52 | 46 | 7 | 9 | 7 | - | 6 | 4 | 6 | 18 | 25 | 2 | * |
| | West Freugh | 95.1 | -2 | WSW | 4 | bc | 47 | 44 | 9 | 8 | 6 | - | 3 | 1 | 3 | 15 | 25 | 1 | * |
| | Eskdalemuir | 94.1 | +8 | SW'S | 2 | c | 46 | 44 | 8 | 5 | - | - | 5 | 5 | - | 11 | - | 1 | * |
| | Jurby, I. of Man | 96.0 | 0 | SW'W | 5 | bc | 51 | 46 | 9 | 8 | 8 | - | 3 | 2 | 1 | 16 | 25 | 1 | * |
| 13A | Machrihanish | 93.5 | -2 | SWW | 4 | c | 51 | 47 | 7 | 3 | 6 | - | 4 | 3 | 4 | 18 | 25 | 1 | 3 |
| | Tiree | 91.6 | -2 | SW | 1 | c | 48 | 45 | 8 | 8 | - | - | 7 | 3 | 7 | 15 | 25 | 1 | * |
| | Oban | 93.0 | +2 | S | 1 | propr | 47 | 46 | 8 | 9 | - | - | 7 | 2 | 7 | 15 | 25 | 1 | 1 |
| 13B | Stornoway | 90.8 | -14 | SW | 1 | ir o | 49 | 48 | 7 | 8 | 7 | - | 8 | 3 | 5 | 10 | 40 | 1 | 1 |
| | Cape Wrath | 91.1 | -10 | SE | 2 | c | 51 | 45 | 9 | 8 | 4 | - | 5 | - | 0 | - | - | 1 | 3 |
| 15 | Dalwhinnie | 92.3 | -18 | WSW | 3 | o | 45 | 42 | 7 | 5 | - | - | 8 | 8 | - | 20 | - | 1 | * |
| | Aberdeen† | 91.4 | -12 | WSW | 1 | c | 50 | 48 | 8 | 5 | 7 | - | 7 | 2 | 4 | - | 25 | 1 | 2 |
| | Fraserburgh | 92.0 | -18 | SSE | 3 | c/r | 50 | 50 | 8 | 5 | 7 | - | 7 | 4 | 8 | 15 | 25 | 0 | 0 |
| | Alness | 91.7 | -10 | – | 0 | ro ro | 47 | 47 | 8 | 5 | 2 | - | 8 | 1 | 3 | 14 | 40 | 1 | * |
| | Wick | 91.9 | -14 | ESE | 1 | propr | 52 | 48 | 9 | 2 | - | 8 | 7 | 3 | 6 | 8 | 40 | 0 | * |
| 16 | Hatston | 92.1 | -10 | SE | 1 | c | 51 | 49 | 7 | 5 | 7 | 8 | 6 | 3 | 4 | 10 | 40 | * | * |
| | Sumburgh | 93.5 | -10 | ESE | 3 | c | 54 | 53 | 8 | 5 | 3 | 3 | 5 | 3 | 3 | 4 | 40 | 0 | 2 |
| | Sullom Voe | 94.7 | -10 | E'S | 2 | 20 | 54 | 52 | 6 | 5 | 3 | - | 6 | 4 | 4 | 4 | 57 | 0 | * |
| 17 | Blacksod Point † | 91.6 | -26 | SW'S | 7 | c/hr | 53 | 49 | 7 | 9 | - | - | 7 | 7 | - | 8 | - | 2 | 4 |
| 18 | Malin Head * | 91.5 | -10 | S'E | 3 | rr | 49 | 47 | 7 | - | 2 | - | 7 | 7 | - | 8 | - | 1 | 4 |
| | Aldergrove | 94.8 | 0 | S'W | 3 | c | 45 | 42 | 8 | 5 | 7 | 6 | 5 | 3 | 3 | 12 | - | 1 | * |
| | Cas. Archdale | 94.3 | -6 | SSW | 3 | c | 47 | 45 | 8 | 3 | 7 | 3 | 5 | 4 | 4 | 20 | 40 | 1 | * |
| 19 | Birr Castle | 97.0 | -10 | WSW | 2 | propr | 49 | 45 | 7 | 8 | - | - | 6 | 6 | - | 15 | - | 1 | * |
| | Collinstown * | 97.9 | -2 | SW'W | 4 | o | 46 | 42 | 9 | 8 | 4 | - | 3 | 2 | - | 25 | - | 1 | * |
| 20 | Foynes * | 98.2 | -10 | SSW | 3 | pr | 50 | 46 | 8 | 9 | - | - | 7 | 7 | - | 15 | - | 1 | * |
| | Valentia * | 99.6 | -4 | W'S | 5 | c/hr | 54 | 50 | 5 | 3 | - | - | 7 | 5 | - | 25 | - | 1 | 5 |
| | Roches Point * | 99.8 | -4 | W | 4 | bc | 51 | 47 | 8 | 3 | - | 3 | 3 | 2 | - | 15 | - | 1 | 4 |

## PAST 24 HOURS.

| Stations | Temperature. Max. Day 6h-18h °F. (35) | Temperature. Min. Night 18h-6h °F. (36) | Temperature. Min. on Grass °F. (37) | Rainfall. Day 6h-18h mm. (38) | Rainfall. Night 18h-6h mm. (39) | Sunshine 30th Hrs. (40) |
|---|---|---|---|---|---|---|
| Kew | 68 | 57 | 52 | 2 | - | 4.7 |
| Croydon | 70 | 53 | 52 | 0.1 | - | 7.7 |
| Boscombe Down | 67 | 51 | 47 | - | Tr | 1.7 |
| Thorney Island | 68 | 56 | 54 | - | 2 | * |
| Friston | | | | | | |
| Lympne | 68 | 54 | * | 0.5 | Tr | 6.6 |
| Manston | 68 | 55 | 53 | 0.1 | Tr | 3.2 |
| North Weald | 68 | 54 | * | * | * | * |
| Felixstowe | 71 | 57 | 54 | - | - | 5.6 |
| Gorleston | 68 | 55 | 55 | 5 | - | 4.0 |
| Mildenhall | 70 | 55 | 49 | 3 | Tr | 5.1 |
| Bircham Newton | 68 | 52 | 46 | 1 | 1 | * |
| Cranwell | 69 | 53 | 47 | - | 2 | 5.9 |
| Cranfield | 66 | 51 | * | - | 10 | * |
| Honiley | 67 | 50 | 47 | Tr | Tr | * |
| Little Rissington | * | 47 | 44 | Tr | 3 | * |
| Shobden | 67 | 48 | 43 | Tr | - | * |
| Bristol | 67 | * | 44 | Tr | 6 | 5.3 |
| Chivenor | 67 | 50 | 43 | Tr | * | * |
| Yeovilton | 71 | 53 | 47 | 1 | 0.4 | * |
| Portland Bill | 62 | 57 | * | - | 2 | * |
| Exeter | 69 | 52 | | Tr | - | * |
| Plymouth | 64 | 55 | 50 | 0.1 | 3 | 6.9 |
| St. Eval | 64 | 55 | 49 | Tr | 4 | * |
| The Lizard | 66 | 54 | * | Tr | 2 | 6.0 |
| Scilly, St. Marys | 66 | 54 | * | 1 | 5 | 6.3 |
| Fairwood | * | 48 | 45 | 1 | 6 | * |
| Pembroke | 62 | 51 | * | 0.1 | 6 | 5.9 |
| Aberporth | 64 | 51 | 45 | 0.4 | 3 | 6.1 |
| Penrhos | 64 | 46 | 43 | 6 | 0.3 | * |
| Holyhead, Valley | 63 | 52 | 46 | 0.6 | 1 | * |
| Hawarden | 68 | 48 | 41 | - | 1 | 3.8 |
| Manchester | 67 | 48 | 44 | 9 | 3 | * |
| Squires Gate | 64 | 51 | * | 0.1 | 6 | * |
| Silloth | 61 | 51 | 40 | 5 | 4 | * |
| Ashbourne | 67 | 49 | 43 | 3 | 3 | * |
| Snaith | 68 | 50 | 46 | 0.5 | 0.5 | * |
| Spurn Head | 68 | 54 | * | 6 | 0.3 | |
| Catterick (Sc.) | 66 | 41 | 38 | 5 | 1 | 5.7 |
| Tynemouth | 65 | 50 | 49 | 1 | 4 | * |
| Acklington | 64 | 49 | 44 | 0.4 | 5 | * |
| St. Abb's Head | 63 | 49 | * | 3 | 7 | * |
| Leuchars | 63 | 49 | 47 | 2 | 3 | 4.8 |
| Montrose | 60 | 46 | 40 | 3 | 5 | * |
| Abbotsinch | 62 | 48 | 48 | 11 | 3 | 4.6 |
| Prestwick | 65 | 48 | 46 | 4 | 13 | * |
| West Freugh | 64 | 44 | 44 | 3 | 3 | * |
| Eskdalemuir | 61 | 45 | 47 | 5 | 12 | 5.7 |
| Jurby, I. of Man | 63 | 50 | 46 | 4 | 4 | * |
| Machrihanish | 62 | 51 | 48 | 3 | 1 | * |
| Tiree | 61 | 41 | 37 | 4 | 2 | 7.1 |
| Oban | 60 | 45 | * | * | - | * |
| Stornoway | 60 | 48 | 43 | 2 | 5 | 4.9 |
| Cape Wrath | 66 | 40 | * | 1 | 0.6 | * |
| Dalwhinnie | 56 | 43 | 40 | 3 | 7 | 3.4 |
| Aberdeen† | 61 | 50 | 44 | Tr | 1 | 4.6 |
| Fraserburgh | 63 | 48 | 44 | 0.2 | 1 | * |
| Alness | 65 | 43 | 33 | 0.6 | 2 | * |
| Wick | 61 | 51 | 43 | 1 | Tr | * |
| Hatston | * | * | * | * | * | * |
| Sumburgh | 60 | 52 | 46 | T | Tr | 1.6 |
| Sullom Voe | 60 | 51 | 49 | Tr | 1 | * |
| Blacksod Point † | 60 | 50 | * | 3 | - | * |
| Malin Head * | 60 | 47 | * | 8 | - | 4.7 |
| Aldergrove | 63 | 44 | 40 | 3 | 2 | 5.9 |
| Cas. Archdale | 61 | 45 | * | 1 | 4 | * |
| Birr Castle | 62 | 45 | 41 | - | - | 5.1 |
| Collinstown * | 64 | 45 | 41 | 0.5 | - | 5.7 |
| Foynes * | 61 | 47 | 43 | 5 | - | 5.2 |
| Valentia * | 60 | 50 | 44 | 8 | - | 1.5 |
| Roches Point * | 62 | 49 | * | 0.4 | - | * |

CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 5 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

Columns 13, 14, 15, 16, 29, 30, 31, 32: A = Lowest cloud present; B = Next lowest cloud.

* Information not usually received.
† 0th Observations from Dyce.
§ Sea disturbance reported from Dungeness.

NELSON K. JOHNSON, K.C.B., D.Sc., Director,
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.