M.O. Form 2373

SECRET

# THE DAILY WEATHER REPORT

BRITISH SECTION

1st January to 31st March,

1945

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, 7

| 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 | 1½ miles |
| 5 | Poor visibility | 2½ ,, |
| 6 | Moderate ,, | 6½ ,, |
| 7 | Good ,, | 12½ ,, |
| 8 | Very good ,, | 31 ,, |
| 9 | Excellent ,, | beyond 31 m. |

**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 2430, "Instructions for the Preparation of Weather Maps," H.M. Stationery Office. Price 1/4 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.**

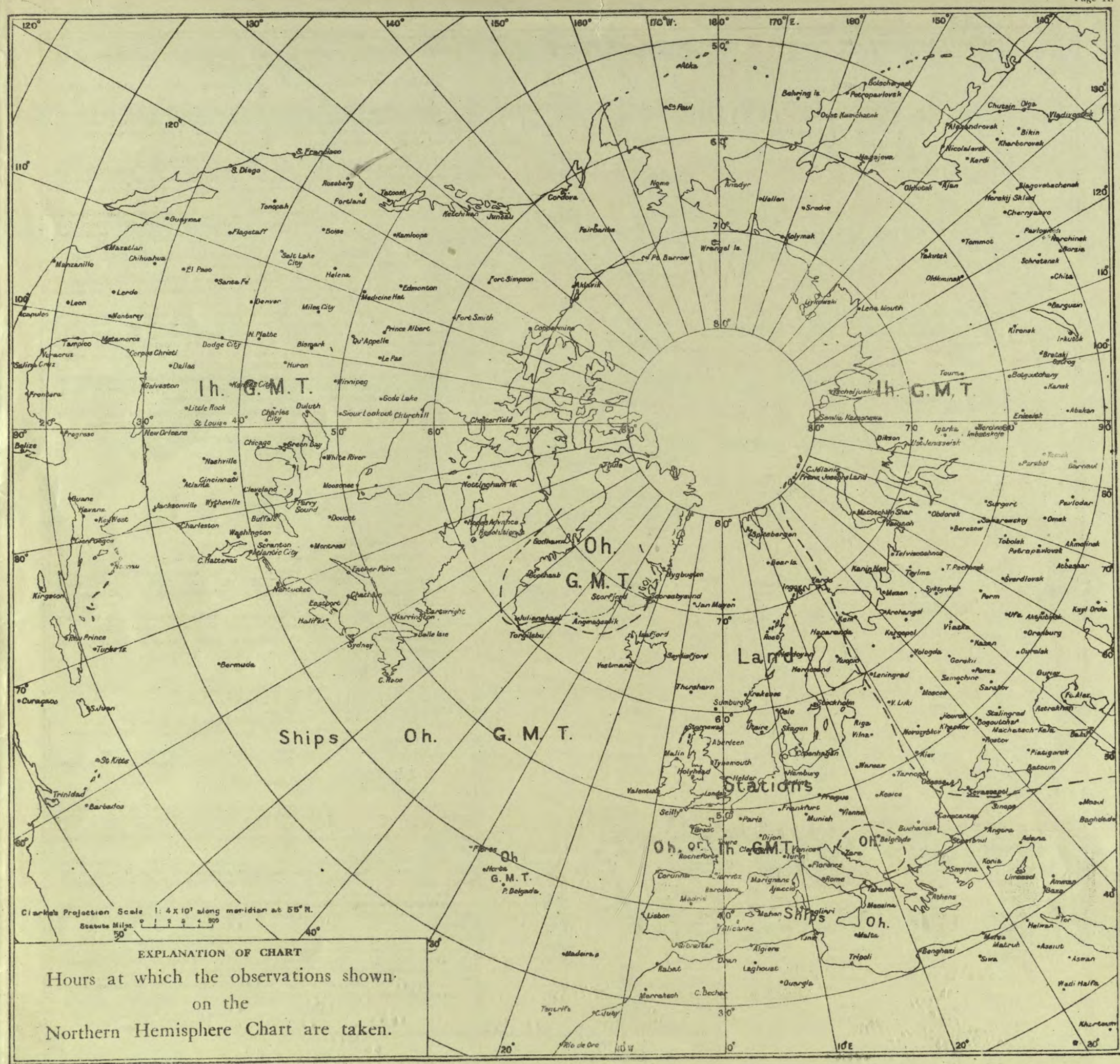
The *North Cone* (point upwards) is hoisted for gales commencing from a Northerly point.

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.




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.
Pembroke.
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.

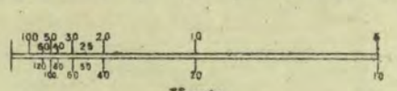
The wind at a height of 1,500–2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart for the chart on Page 2 the speed of the upper wind is about 20 knots in latitude 55°, with a temperature of 50° F. and a pressure of 1,0 mb.; 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 ,, ,, $1 : 5 \times 10^6$ ,,




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, Meteorological Office, Dunstable.*

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CONFIDENTIAL

AIR MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON

MONTHLY SUPPLEMENT,

February 1945 No. 338



### Exceptionally Mild

Pressure remained low to the north and west and high to the south of the British Isles during the whole month. A secondary depression indicated to southwest of Ireland on the morning of the 2nd moved northeast across the country accompanied by appreciable rainfall, the largest for the twenty-four hours being 37mm at Squires Gate and 25mm at Valley. With the passage of a warm sector across the country on the 4th, there were winds of gale force and heavy rain fell, the heaviest amounts reported during the twenty-four hours being 33mm at West Freugh, 29mm at Fairwood and 28mm at St Abb's Head. Gales in Scotland were reported on the 8th, 9th, 15th, 19th and 22nd. During the second half of the month the anticyclone to southward dominated the weather over Southern England and there was little rain.

Sunshine during the month was generally about normal but Leuchars had only half the normal monthly total, but Hawarden established a new record with 102 hours.

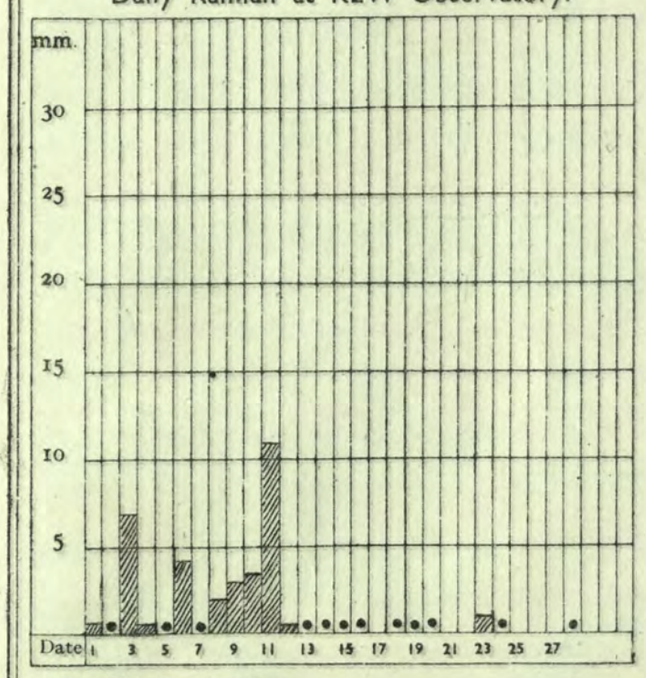
Rainfall was generally below average in Southeast England and above average in Midlands, and parts of Scotland and in Ireland.

Mean pressure was above average in England and Ireland and below in Scotland.

Mean temperatures for the month were 3°-5° above normal. At Kew it was the mildest February since 1926. Maximum temperatures of 63°F were recorded at Croydon and Kensington Palace on the 18th, the highest on record for February. Other readings were 62°F at Mildenhall, Greenwich, Westminster and Dunstable on the 18th, and 60°F at Aberdeen on the 27th. Low minima were recorded generally in Scotland on the 3rd and 11th.

154mm fell at Renfrew, a record for the month.

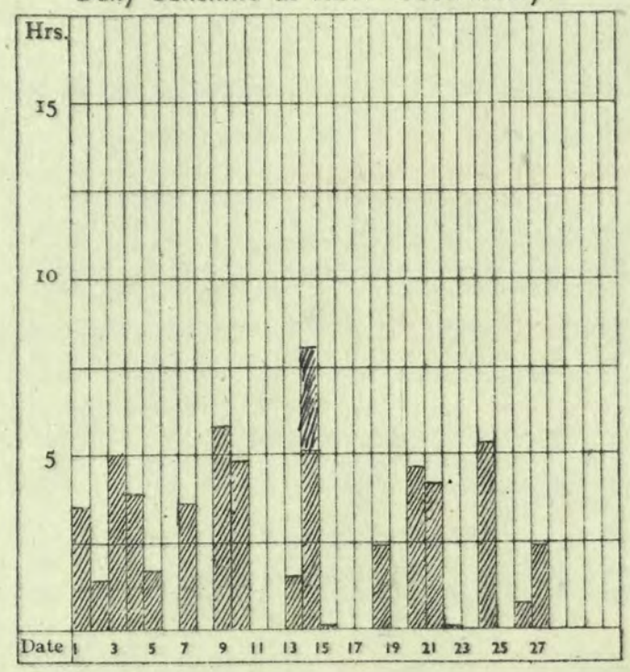
Daily Rainfall at KEW Observatory.




● = less than 0·5 mm.

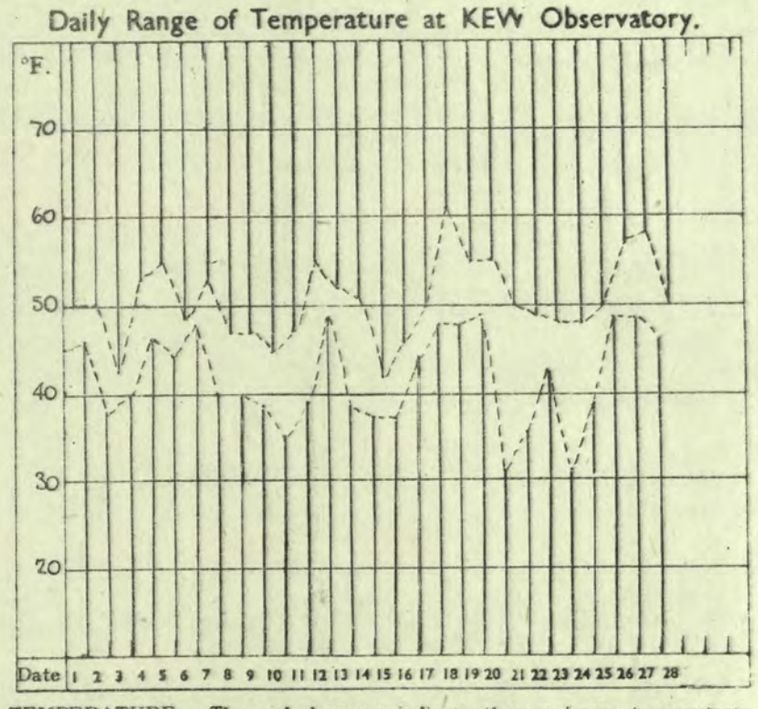
RAINFALL. Total for Month. 35 mm.

Daily Sunshine at KEW Observatory.




SUNSHINE. Total for Month. 59 hrs.

Daily Range of Temperature at KEW Observatory.



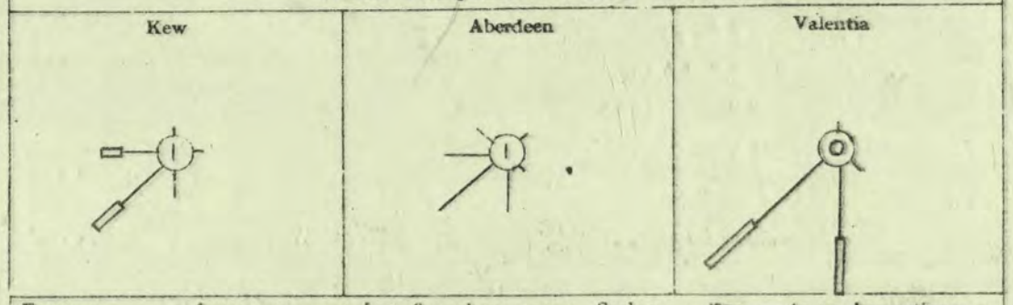

TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

| STATIONS. | PRESSURE Mean | PRESSURE Difference from average | TEMPERATURE Mean | TEMPERATURE Difference from average |
|---|---|---|---|---|
| | mb | mb. | °F. | °F. |
| Kew | 1020·6 | +4·6 | 46·2 | +5·1 |
| Aberdeen | 1003·0 | −1·6 | 42·3 | +2·6 |
| Valentia | 1016·6 | +3·2 | 48·0 | +3·2 |

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

WIND FREQUENCIES at 6 hr.




Forces 1–3 ——; forces 4–7 ▭; force 8 or above ▬. Scale: ▭ 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 ... | 6537 |
| Aberdeen ... | 5243 |
| Lerwick ... | 14827 |

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

## † TEMPERATURE.

Number of daily readings within fixed limits; Extremes—Warmest and Coldest.

| District | Stations | Max. 32° or below | Max. 33°–41° | Max. 42°–50° | Max. 51°–59° | Max. 60°–68° | Average Maximum °F. | Min. 23° or below | Min. 24°–32° | Min. 33°–41° | Min. 42°–50° | Min. 51°–59° | Average Minimum °F. | Days: Highest Max. °F. | Date | Days: Lowest Max. °F. | Date | Nights: Highest Min. °F. | Date | Nights: Lowest Min. °F. | Date | Number of Ground Frosts |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | London (Kew Obsy). | 0 | 0 | 17 | 10 | 1 | 45.5 | 0 | 2 | 12 | 14 | 0 | 36.6 | 61 | 18 | 42 | 15 | 49 | {13, 20, 26, 27 | 31 | {21, 24 | 8 |
| | Croydon | 0 | 0 | 9 | 17 | 2 | 45.2 | 0 | 2 | 13 | 13 | 0 | 35.9 | 63 | 18 | 45 | {3, 10 | 50 | {20, 27 | 31 | {21, 24 | 4 |
| | Thorney Island | 0 | 1 | 12 | 15 | 0 | 45.8 | 0 | 3 | 11 | 14 | 0 | 36.7 | 58 | 27 | 41 | 15 | 47 | {7, 26 | 30 | 24 | 1 |
| | Lympne | 0 | 1 | 17 | 9 | 1 | 43.7 | 0 | 3 | 14 | 11 | 0 | 34.9 | 61 | 27 | 40 | 15 | 46 | {13, 20, 27 | 32 | {11, 15, 24 | 6 |
| | Shoeburyness | 0 | 0 | 10 | 17 | 1 | 45.6 | 0 | 0 | 17 | 11 | 0 | 34.6 | 63 | 18 | 42 | 15 | 49 | 27 | 33 | {11, 15, 21, 24 | 5 |
| | Gorleston | 0 | 1 | 14 | 12 | 1 | 44.2 | 0 | 2 | 17 | 9 | 0 | 36.2 | 60 | 27 | 38 | 11 | 50 | 13 | 32 | {11, 24 | 2 |
| | Cranwell | 0 | 2 | 12 | 13 | 1 | 44.0 | 0 | 3 | 15 | 10 | 0 | 33.6 | 60 | 18 | 35 | 11 | 50 | 26 | 30 | 11 | 3 |
| 3 | Birmingham (Edgbaston) | 0 | 2 | 15 | 11 | 0 | 43.4 | 0 | 3 | 13 | 12 | 0 | 35.1 | 59 | 18 | 36 | 11 | 50 | 18 | 31 | 3 | 5 |
| 4 | Ross-on-Wye | 0 | 1 | 9 | 18 | 0 | 45.4 | 0 | 3 | 11 | 13 | 1 | 35.8 | 59 | {18, 26 | 41 | 11 | 52 | 18 | 21 | 24 | 7 |
| 5 | The Lizard | 0 | 0 | 21 | 7 | 0 | * | 0 | 0 | 7 | 21 | 0 | * | 57 | 15 | 44 | {10, 22 | 48 | 5 | 36 | 24 | * |
| 7 | Holyhead (Valley | 0 | 1 | 23 | 4 | 0 | 45.6 | 0 | 1 | 13 | 14 | 0 | 39.9 | 53 | {25, 26 | 41 | 10 | 45 | {18, 13, 26 | 29 | 3 | 1 |
| 8 | Hawarden ‡ | 0 | 1 | 8 | 19 | 0 | 45.6 | 0 | 3 | 14 | 10 | 1 | 35.8 | 58 | {18, 26 | 37 | 11 | 51 | 18 | 29 | 3 | 9 |
| 10 | Tynemouth | 0 | 2 | 10 | 16 | 0 | 44.1 | 0 | 2 | 13 | 12 | 1 | 36.8 | 59 | 27 | 39 | 11 | 52 | 26 | 31 | 11 | 2 |
| 11 | Leuchars | 0 | 5 | 14 | 9 | 0 | 44.0 | 0 | 5 | 14 | 9 | 0 | 34.4 | 57 | 27 | 38 | 3 | 49 | 18 | 30 | {3, 11 | 6 |
| 12 | Renfrew | 0 | 4 | 17 | 7 | 0 | 44.1 | 0 | 3 | 17 | 8 | 0 | 34.6 | 55 | 27 | 28 | 11 | 49 | {18, 27 | 27 | 3 | 5 |
| | Eskdalemuir | 0 | 6 | 20 | 2 | 0 | 41.1 | 1 | 7 | 16 | 4 | 0 | 31.5 | 53 | {26, 27 | 34 | 11 | 46 | 27 | 20 | 3 | 7 |
| 13B | Stornoway | 0 | 3 | 19 | 6 | 0 | 44.7 | 0 | 2 | 16 | 10 | 0 | 37.1 | 53 | 27 | 40 | 10 | 49 | 18 | 29 | 3 | 5 |
| 15 | Aberdeen | 0 | 7 | 12 | 8 | 1 | 43.8 | 0 | 3 | 18 | 7 | 0 | 35.7 | 60 | 27 | 38 | 1 | 45 | 27 | 26 | 11 | 12 |
| 18 | Aldergrove | 0 | 2 | 15 | 11 | 0 | 44.5 | 0 | 3 | 13 | 11 | 1 | 35.6 | 57 | 17 | 36 | 10 | 51 | 18 | 28 | 3 | 3 |
| 19 | Birr Castle § | 0 | 1 | 11 | 16 | 0 | 46.8 | 0 | 2 | 10 | 15 | 1 | 36.3 | 59 | {17, 18 | 38 | 10 | 51 | 18 | 30 | {3, 11 | 2 |
| 20 | Valentia (Cahirciveen) § | 0 | 0 | 7 | 21 | 0 | 48.5 | 0 | 0 | 6 | 21 | 1 | 41.1 | 55 | {6, 18 | 43 | 10 | 51 | 26 | 35 | 10 | 2 |

## LOW CLOUD. / FOG, MIST and GOOD VISIBILITY.

Number of observations within fixed limits.

| District | Stations | 9h Below 1,000 ft. | 9h 1,000–5,000 ft. | 9h 5,000–8,000 ft. | 15h Below 1,000 ft. | 15h 1,000–5,000 ft. | 15h 5,000–8,000 ft. | 21h Below 1,000 ft. | 21h 1,000–5,000 ft. | 21h 5,000–8,000 ft. | 9h Dense fog | 9h Thick fog | 9h Fog | 9h Mist | 9h Good Visibility | 15h Dense fog | 15h Thick fog | 15h Fog | 15h Mist | 15h Good Visibility |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | London (Kew Obsy). | 5 | 19 | 0 | 1 | 24 | 0 | 1 | 18 | 0 | 1 | 2 | 2 | 1 | 2 | 0 | 0 | 1 | 0 | 6 |
| | Croydon | 8 | 14 | 0 | 4 | 20 | 0 | 2 | 17 | 0 | 0 | 1 | 1 | 4 | 2 | 0 | 0 | 0 | 0 | 18 |
| | Thorney Island | 13 | 9 | 0 | 9 | 15 | 1 | 8 | 8 | 2 | 0 | 3 | 5 | 2 | 3 | 0 | 1 | 2 | 2 | 5 |
| | Lympne | 7 | 17 | 0 | 8 | 16 | 0 | 9 | 10 | 2 | 0 | 7 | 3 | 1 | 6 | 0 | 3 | 0 | 2 | 12 |
| | Shoeburyness | 11 | 8 | 0 | 1 | 20 | 0 | 3 | 14 | 0 | 1 | 2 | 0 | 5 | 4 | 0 | 1 | 0 | 0 | 6 |
| | Gorleston | 1 | 18 | 1 | 3 | 23 | 0 | 0 | 20 | 0 | 0 | 2 | 2 | 1 | 9 | 0 | 2 | 1 | 1 | 3 |
| | Cranwell | 11 | 11 | 0 | 8 | 18 | 1 | 5 | 12 | 0 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 1 | 0 | 10 |
| 3 | Birmingham (Edgbaston) | 12 | 13 | 0 | 9 | 16 | 0 | 1 | 17 | 0 | 1 | 0 | 2 | 1 | 9 | 0 | 1 | 1 | 2 | 16 |
| 4 | Ross-on-Wye | 2 | 23 | 0 | 1 | 25 | 0 | 4 | 18 | 0 | 0 | 2 | 0 | 0 | 21 | 0 | 0 | 1 | 1 | 21 |
| 5 | The Lizard | 7 | 17 | 4 | 9 | 19 | 0 | 8 | 20 | 0 | 4 | 2 | 1 | 1 | 8 | 3 | 0 | 3 | 1 | 13 |
| 7 | Holyhead (Valley | 10 | 15 | 1 | 10 | 15 | 2 | 2 | 4 | 9 | 0 | 0 | 1 | 1 | 18 | 0 | 1 | 2 | 1 | 17 |
| 8 | Hawarden ‡ | 3 | 22 | 0 | 2 | 23 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 3 | 17 | 0 | 0 | 0 | 1 | 21 |
| 10 | Tynemouth | 0 | 27 | 0 | 1 | 25 | 1 | 0 | 28 | 0 | 0 | 0 | 3 | 2 | 4 | 0 | 0 | 0 | 2 | 23 |
| 11 | Leuchars | 2 | 20 | 0 | 0 | 25 | 0 | 3 | 18 | 0 | 0 | 0 | 0 | 1 | 14 | 0 | 0 | 0 | 0 | 16 |
| 12 | Renfrew | 6 | 22 | 0 | 4 | 24 | 0 | 1 | 25 | 0 | 0 | 0 | 4 | 0 | 10 | 0 | 0 | 2 | 2 | 16 |
| | Eskdalemuir | 12 | 15 | 0 | 8 | 20 | 0 | 9 | 19 | 0 | 0 | 0 | 4 | 0 | 17 | 0 | 0 | 1 | 1 | 19 |
| 13B | Stornoway | 2 | 26 | 0 | 4 | 24 | 0 | 4 | 23 | 1 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 24 |
| 15 | Aberdeen | 0 | 26 | 1 | 0 | 21 | 0 | 2 | 20 | 1 | 0 | 0 | 2 | 3 | 15 | 0 | 0 | 0 | 2 | 20 |
| 18 | Aldergrove | 9 | 17 | 0 | 15 | 13 | 0 | 5 | 20 | 0 | 0 | 0 | 1 | 0 | 19 | 0 | 0 | 0 | 1 | 24 |
| 19 | Birr Castle § | 1 | 23 | 0 | 3 | 24 | 0 | 2 | 26 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 28 |
| 20 | Valentia (Cahirciveen) § | 8 | 20 | 0 | 6 | 22 | 0 | 10 | 17 | 1 | 0 | 0 | 0 | 1 | 20 | 0 | 0 | 0 | 1 | 19 |

§ Maximum for period 7-18h. Minimum 18-7h. Cloud & Visibility at Birr Castle 7, 13, 18h, & Valentia 6, 12, 18h.

## UPPER AIR TEMPERATURE.

| Pressure mb. | Mean Height feet | Langham (28 Reports) Normal Temp. °F | Langham Mean Temp. °F | * Aldergrove (28 Reports) Normal Temp °F. | Aldergrove Mean Temp. °F. | St Mawgan (28) Mean Temp. °F | Larkhill (28) Mean Temp. °F | Downham Market (28) Mean Temp. °F. | Liverpool (28) Mean Temp. °F. | Lerwick (28) Mean Temp. °F. | Valentia (28) Mean Temp. °F. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Surf. | | | 42.8 | | 46.1 | 44.9 | 42.4 | 42.2 | 43.4 | 39.5 | 49.6 |
| 900 | 3,240 | | 38.0 | | 36.1 | 36.3 | 38.2 | 37.9 | 37.2 | 32.5 | 38.4 |
| 800 | 6,390 | | 30.8 | | 28.0 | 29.7 | 32.7 | 32.0 | 29.0 | 23.2 | 30.7 |
| 700 | 9,376 | | 21.5 | | 17.2 | 20.3 | 22.6 | 22.1 | 19.7 | 13.1 | 21.1 |
| 600 | 13,792 | | 7.4 | | 4.9 | 7.0 | 10.1 | 8.8 | 7.4 | -00.5 | 9.5 |
| 500 | 18,278 | | -9.2 | | -11.2 | -9.5 | -6.4 | -7.3 | -8.6 | -17.5 | -7.0 |
| 400 | 23,561 | | -30.5 | | -32.2 | -31.9 | -27.3 | -28.0 | -29.6 | -37.4 | -38.0 |
| 300 | 30,040 | | – | | -53.2 | -59.7 | -53.9 | -55.9 | -55.9 | -62.0 | -53.8 |
| 200 | 38,640 | | – | | -77.2 | -82.5 | -82.7 | -81.2 | -80.3 | -74.9 | -77.7 |

## UPPER WINDS.

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

| Pressure mb. | Larkhill (28 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 (28 Reports) 0 to 10 knots | 11 to 30 knots | 31 to 50 knots | 51 to 70 knots | 71 to 90 knots | > 90 knots | Liverpool (28 Reports) 0 to 10 knots | 11 to 30 knots | 31 to 50 knots | 51 to 70 knots | 71 to 90 knots | > 90 knots | Lerwick (28 Reports) 0 to 10 knots | 11 to 30 knots | 31 to 50 knots | 51 to 70 knots | 71 to 90 knots | > 90 knots |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Surf. | 19 | 9 | 0 | 0 | 0 | 0 | 16 | 12 | 0 | 0 | 0 | 0 | 15 | 11 | 0 | 0 | 0 | 0 | 8 | 13 | 7 | 0 | 0 | 0 |
| 900 | 4 | 12 | 10 | 2 | 0 | 0 | 4 | 12 | 12 | 0 | 0 | 0 | 1 | 16 | 7 | 1 | 0 | 0 | 6 | 7 | 10 | 5 | 0 | 0 |
| 800 | 4 | 12 | 7 | 5 | 0 | 0 | 1 | 15 | 10 | 2 | 0 | 0 | 0 | 14 | 9 | 2 | 0 | 0 | 5 | 9 | 8 | 6 | 0 | 0 |
| 700 | 1 | 10 | 12 | 5 | 0 | 0 | 2 | 12 | 11 | 3 | 0 | 0 | 0 | 11 | 11 | 4 | 0 | 0 | 4 | 8 | 11 | 5 | 0 | 0 |
| 600 | 1 | 9 | 9 | 5 | 4 | 0 | 2 | 12 | 7 | 7 | 0 | 0 | 0 | 8 | 10 | 8 | 0 | 0 | 2 | 8 | 11 | 5 | 2 | 0 |
| 500 | 0 | 6 | 11 | 7 | 3 | 1 | 1 | 6 | 11 | 7 | 3 | 0 | 0 | 3 | 11 | 7 | 5 | 0 | 1 | 6 | 11 | 6 | 0 | 3 |
| 400 | 0 | 3 | 11 | 4 | 5 | 5 | 0 | 6 | 7 | 8 | 4 | 3 | 0 | 3 | 7 | 6 | 5 | 4 | 1 | 4 | 7 | 8 | 3 | 4 |
| 300 | 1 | 4 | 7 | 6 | 2 | 8 | 0 | 6 | 4 | 7 | 4 | 6 | 0 | 3 | 5 | 7 | 3 | 3 | 0 | 5 | 7 | 7 | 3 | 5 |
| 200 | 0 | 5 | 7 | 5 | 2 | 5 | 0 | 2 | 7 | 9 | 6 | 2 | 0 | 3 | 7 | 4 | 1 | 0 | 0 | 5 | 9 | 6 | 3 | 3 |

† The readings used are the maximum for the period 09 h–21 h and the minimum for the period 21 h–09 h, for periods 07 h–18 h and 18 h–07 h, and are based on data covering at least 10 years (see M.O. 364).

Averages are
* Ballyhalbert.

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

# SUNSHINE, RAINFALL, AND HUMIDITY February 1945.

| 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). | 10 | 8 | 9 | 1 | 0 | 8·1 | 14 | 1296 | -173 | 59 | -2 | 1880 | 105 | 1939 | 23 | 1940 | 16 | 6 | 4 | 2 | 0 | 0 | 11 | 11 | 502 | -104 | 35 | -4 | 1856 | 105 | 1878 | 2 | 1895 | 1 | 0 |
| | Croydon ... | 7 | 9 | 11 | 1 | 0 | 8·2 | 14 | 1445 | -80 | 67 | +5 | 1922 | 104 | 1939 | 27 | 1940 | 15 | 5 | 4 | 4 | 0 | 0 | 10 | 11 | 659 | -20 | 42 | -7 | 1921 | 118 | 1937 | 4 | 1921 | 0 | 0 |
| | Thorney Island ** | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 13 | 8 | 3 | 4 | 0 | 0 | 9 | 3 | 627 ~~610~~ | -67 ~~-54~~ | 41 ~~24~~ | -10 ~~-27~~ | 1881 | 133 | 1900 | 1 | 1895 1934 | 0 | 0 |
| | Lympne ... | 7 | 11 | 7 | 3 | 0 | 7·3 | 3 | 1725 | -40 | 72 | -12 | 1921 | 124 | 1928 | 30 | 1940 | 16 | 4 | 4 | 4 | 0 | 0 | 7 | 3 | 689 | -35 | 36 | -14 | 1920 | 121 | 1937 | 3 | 1934 | 0 | 0 |
| 2 | Shoeburyness ... | 9 | 8 | 8 | 3 | 0 | 7·6 | 14 | 1524 | -192 | 63 | -14 | 1919 | 105 | 1920 1939 | 32 | 1942 | 16 | 6 | 4 | 2 | 0 | 0 | 10 | 11 | 553 | +50 | 29 | -2 | 1920 | 83 | 1937 | 4 | 1934 | 0 | 0 |
| | Gorleston ... | 7 | 11 | 7 | 3 | 0 | 7·9 | 15 | 1571 | -72 | 68 | -7 | 1908 | 113 | 1934 | 41 | 1931 | 15 | 4 | 7 | 2 | 0 | 0 | 8 | 3 | 657 | +35 | 43 | +5 | 1871 | 87 | 1916 | 4 | 1891 | * | 1 |
| | Cranwell ... | 8 | 6 | 10 | 4 | 0 | 7·4 | 15 | 1459 | -79 | 77 | +7 | 1921 | 102 | 1943 | 28 | 1940 | 9 | 10 | 5 | 4 | 0 | 0 | 8 | 12 | 603 | +13 | 46 | +8 | 1917 | 89 | 1923 | 9 | 1921 | 0 | 1 |
| 3 | Birmingham ... (Edgbaston) | 10 | 6 | 12 | 0 | 0 | 5·6 | 20 | 1223 | -81 | 64 | +7 | 1887 | 108 | 1887 | 9 | 1917 | 9 | 7 | 5 | 7 | 0 | 0 | 12 | 12 | 710 | +36 | 70 | +27 | 1893 | 149 | 1923 | 4 | 1921 | 0 | 2 |
| 4 | Ross-on-Wye .. | 4 | 13 | 7 | 4 | 0 | 7·1 | 21 | 1399 | -77 | 77 | +8 | 1915 | 119 | 1934 | 18 | 1940 | 16 | 3 | 6 | 3 | 0 | 0 | 9 | 3 | 580 | -137 | 43 | -8 | 1859 | 170 | 1923 | 0 | 1891 | 0 | 0 |
| 5 | Falmouth ... (Observatory) | 8 | 11 | 4 | 5 | 0 | 8·5 | 21 | 1665 | -45 | 67 | -13 | 1881 | 127 | 1909 | 43 | 1886 | 7 | 6 | 9 | 4 | 2 | 0 | 21 | 10 | 1020 | -87 | 107 | +13 | 1871 | 229 | 1923 | 1 | 1932 | 0 | 0 |
| 7 | Holyhead (Valley) | 9 | 8 | 8 | 3 | 0 | 8·0 | 15 | 1444 | -106 | 67 | -8 | 1914 | 108 | 1930 | 36 | 1918 | 12 | 6 | 6 | 3 | 1 | 0 | 23 | 2 | 896 | +9 | 66 | +4 | 1871 | 152 | 1884 | 5 | 1932 | 0 | 0 |
| 8 | Hawarden ‡ ... | 3 | 9 | 8 | 8 | 0 | 8·4 | 26 | 1250 | -126 | 102 | +40 | 1923 | 102 | 1945 | 36 | 1940 | 11 | 7 | 8 | 2 | 0 | 0 | 10 | 1 | 671 | +33 | 43 | +4 | 1922 | 124 | 1937 | 1 | 1932 | 1 | 1 |
| 10 | Tynemouth ... | * | * | * | * | * | * | * | * | * | * | * | 1935 | * | | * | * | 16 | 6 | 3 | 3 | 0 | 0 | 9 | 12 | 858 | +257 | 38 | +3 | 1915 | 155 | 1941 | 15 | 1934 | * | * |
| 11 | Leuchers ... | 5 | 7 | 10 | 5 | 0 | 9·5 | 26 | 1333 | -137 | 101 | +25 | 1922 | 119 | 1943 | 33 | 1923 | 15 | 6 | 5 | 2 | 0 | 0 | 12 | 3 | 701 | +48 | 42 | -3 | 1922 | 105 | 1941 | 2 | 1932 | 0 | 2 |
| 12 | Renfrew ... | 11 | 9 | 6 | 2 | 0 | 6·5 | 15 | 1139 | -54 | 52 | +2 | 1921 | 84 | 1944 | 22 | 1923 | 2 | 3 | 13 | 7 | 3 | 0 | 21 | 6 | 1161 | +222 | 154 | +72 | 1921 | 154 ~~144~~ | 1943 | 1 | 1932 | 1 | 3 |
| | Eskdalemuir ... | 9 | 11 | 7 | 1 | 0 | 7·1 | 20 | 1132 | -69 | 46 | -8 | 1910 | 106 | 1932 | 23 | 1918 | 3 | 3 | 9 | 6 | 7 | 0 | 24 | 25 | 1511 | +82 | 72 | -54 | 1910 | 242 | 1915 | 5 | 1932 | 1 | 7 |
| 13B | Stornoway ... | 11 | 9 | 6 | 2 | 0 | 6·4 | 23 | 1074 | -141 | 55 | 0 | 1881 | 91 | 1886 | 23 | 1903 | 0 | 3 | 18 | 5 | 2 | 0 | 18 | 1 | 1107 | -94 | 116 | +11 | 1870 | 204 | 1898 | 15 | 1932 | 0 | 3 |
| 15 | Aberdeen ... | 3 | 11 | 7 | 9 | 0 | 8·9 | 26 | 1110 | -219 | 98 | +28 | 1881 | 121 | 1898 | 33 | 1923 | 15 | 5 | 5 | 2 | 1 | 0 | 18 | 3 | 754 | +6 | 44 | -8 | 1871 | 150 | 1923 | 6 | 1891 | 0 | 3 |
| 18 | Aldergrove ... | 5 | 12 | 7 | 4 | 0 | 7·7 | 15 | 1208 | -118 | 70 | +9 | 1927 | 84 | 1932 | 33 | 1940 | 5 | 8 | 12 | 3 | 0 | 0 | 16 | 3 | 924 | +86 | 70 | +9 | 1926 | 105 | 1937 | 3 | 1932 | 1 | 1 |
| 19 | Birr Castle ... | 9 | 9 | 8 | 2 | 0 | 6·7 | 21 23 | 1163 | -243 | 54 | -12 | 1881 | 102 | 1906 | 34 | 1929 | 9 | 4 | 8 | 7 | 0 | 0 | 8 | 1 3 | 873 | +46 | 77 | +19 | 1862 | 133 | 1925 | 4 | 1934 | * | * |
| 20 | Valentia ... (Cabirciveen) | 12 | 8 | 5 | 3 | 0 | 8·5 | 23 | 1422 | +54 | 53 | -13 | 1880 | 112 | 1930 | 29 | 1926 | 5 | 5 | 8 | 6 | 4 | 0 | 24 | 3 | 1244 | -170 | 154 | +22 | 1866 | 279 | 1914 | 11 | 1932 | * | * |

## 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 | 2 | 8 | 4 | 7 | 5 | 2 | 0 | 0 | 0 |
| Ross-on-Wye ... | 0 | 0 | 4 | 8 | 8 | 8 | 0 | 0 | 0 | 0 |
| Falmouth (Obsy.) | 11 | 3 | 4 | 8 | 2 | 0 | 0 | 0 | 0 | 0 |
| Renfrew ... | 0 | 0 | 13 | 10 | 5 | 0 | 0 | 0 | 0 | 0 |
| Eskdalemuir ... | 0 | 2 | 8 | 11 | 6 | 1 | 0 | 0 | 0 | 0 |
| Aberdeen ... | 0 | 0 | 2 | 4 | 7 | 9 | 6 | 0 | 0 | 0 |
| Valentia | 1 | 5 | 9 | 7 | 4 | 2 | 0 | 0 | 0 | 0 |

## STATE OF GROUND AT 21 h.

No. of Days each Type was recorded

| Stations. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|
| London (Kew)... | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ross-on-Wye ... | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renfrew ... | 0 | 22 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Eskdalemuir ... | 0 | 24 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| Aberdeen .. | 1 | 18 | 0 | 0 | 6 | 0 | 2 | 1 | 0 | 0 |
| Valentia .. | 1 | 25 | 2 | 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 6 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.

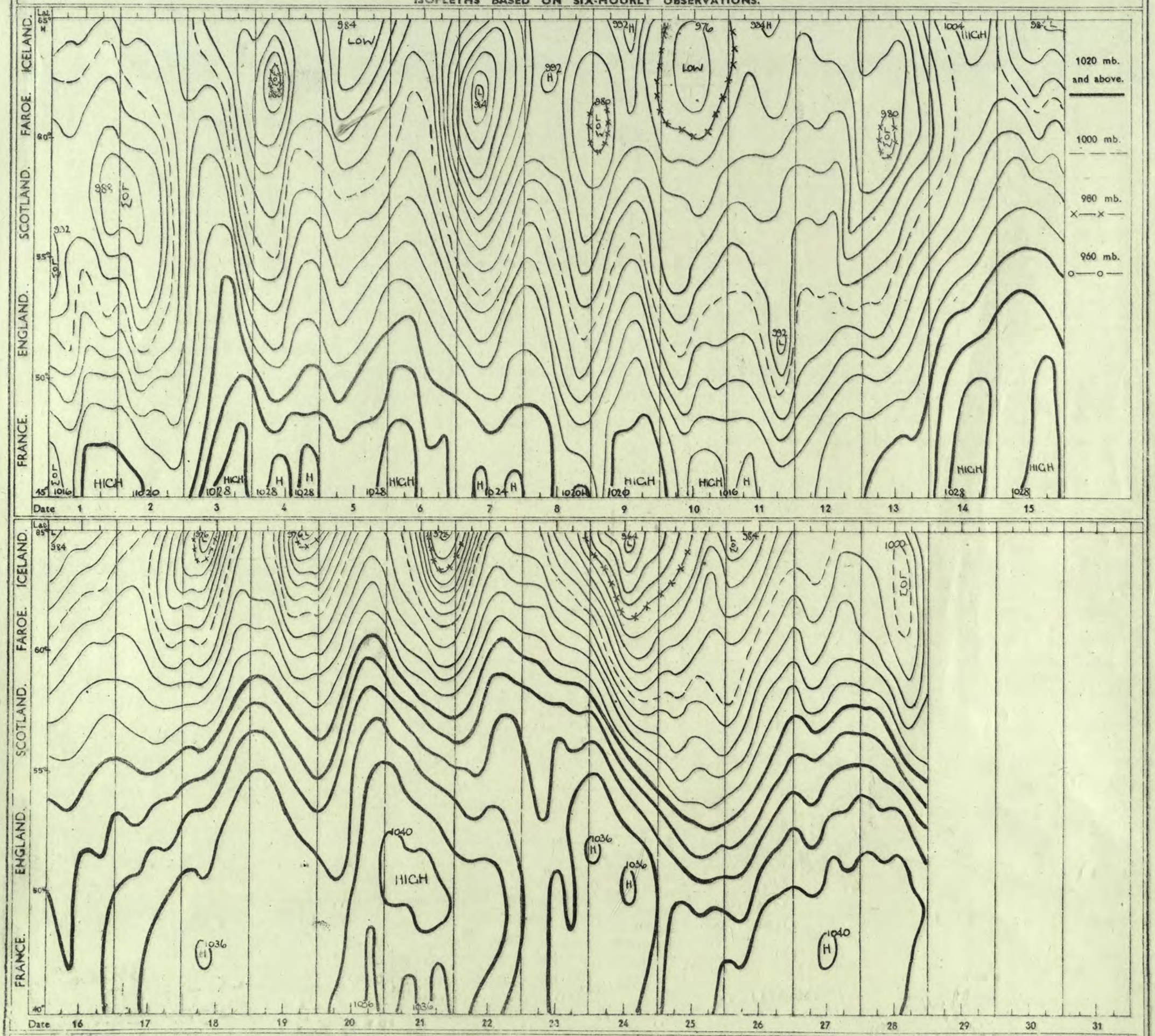
** The extremes and average of rainfall are supplemented by records from neighbouring stations.

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

‡ 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 ..... February ..... 1945.

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 0h., 6h., 12h. 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.

Pc 344/4830 Gp. 948/6 425 3/45

Page 1.

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

Thursday 1st February 1945

No 30387

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

| 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 | 07·2 | -8 | SW'W | 3 | ido | 45 | 45 | 5 | 5 | - | - | 8 | 7 | 8 | 18 | 25 |
| | Croydon | 07·7 | -6 | SW | 4 | bc/d | 49 | 47 | 6 | 5 | - | - | 4 | 4 | 8 | 18 | 25 |
| | Boscombe Down | 07·9 | -4 | SW'W | 3 | zo | 46 | 46 | 6 | 5 | - | - | 8 | 5 | 8 | 3 | 15 |
| | Thorney Island | 09·6 | 0 | SW | 4 | df | 47 | 47 | 3 | 5 | - | · | 8 | 8 | - | 2 | · |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 09·2 | -10 | WSW | 2 | dF | 42 | 42 | 1 | - | - | - | 9 | 9 | - | 0 | · |
| | Manston | 08·1 | -10 | SW'W | 3 | c/r | 43 | 43 | 5 | 5 | 8 | - | 8 | 5 | 8 | 6 | 25 |
| 2 | North Weald | 06·7 | -12 | SSW | 3 | cf- | 44 | 44 | 2 | 5 | - | · | 8 | 8 | · | 3 | · |
| | Felixstowe | 06·9 | -4 | SSW | 4 | rf | 38 | 38 | 2 | - | 2 | · | 8 | 8 | - | 5 | - |
| | Gorleston | 06·1 | -2 | WSW | 8 | df | 41 | 40 | 3 | 6 | · | · | 8 | 8 | - | 10 | · |
| | Mildenhall | 05·4 | -6 | SW'S | 3 | roro | 43 | 42 | 5 | 5 | - | · | 8 | 8 | - | 5 | · |
| | Bircham Newton | 05·6 | 0 | SW | 3 | rf | 50 | 40 | 2 | - | - | - | 9 | 9 | - | 0 | · |
| | Cranwell | 04·6 | -2 | SSW | 3 | dr | 40 | 40 | 5 | 5 | - | · | 8 | 4 | 8 | 10 | 25 |
| 3 | Cranfield | 06·0 | -10 | SW | 3 | c/r | 43 | 43 | 5 | 5 | - | · | 8 | 8 | - | 8 | - |
| | Honiley | 04·8 | -8 | SSW | 3 | rf | 43 | 43 | 2 | - | - | · | 9 | 9 | - | 0 | · |
| 4 | Little Rissington | 06·0 | -6 | WSW | 3 | dF | 46 | 42 | 0 | - | - | - | 9 | 9 | - | 0 | · |
| | Shobden | 04·3 | -14 | W | 1 | rf | 37 | 37 | 2 | - | · | · | 9 | 9 | - | 0 | · |
| 5 | Bristol | 07·1 | +2 | SSW | 2 | zo | 49 | 48 | 6 | 5 | - | · | 8 | 4 | 8 | 2 | 25 |
| | Chivenor | 07·4 | +2 | WSW | 6 | c | 51 | 49 | 7 | 5 | - | - | 8 | 5 | 8 | 6 | 15 |
| | Yeovilton | 07·3 | 0 | SW | 5 | c | 52 | 48 | 7 | 5 | 7 | - | 8 | 4 | 8 | 10 | 72 |
| | Portland Bill | 09·6 | -16 | SW | 4 | c | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 08·3 | +2 | SSW | 4 | c | 50 | 48 | 7 | 5 | - | · | 8 | 8 | - | 10 | - |
| | Plymouth | 09·1 | +6 | SSW | 4 | zo | 47 | 47 | 5 | 5 | - | · | 8 | 8 | - | 4 | - |
| | St. Eval | 07·8 | -4 | E'S | 5 | zo | 51 | 49 | 6 | 5 | - | - | 8 | 5 | 8 | 4 | 15 |
| | The Lizard | 06·4 | 0 | SW | 3 | c | 48 | 46 | 7 | 5 | 1 | - | 8 | 7 | 8 | 15 | - |
| | Scilly, St. Marys | 06·9 | -8 | SW'S | 5 | c | 50 | 49 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 6 | Fairwood | 05·6 | 0 | SW | 5 | cf- | 47 | 47 | 2 | 5 | - | - | 8 | 8 | - | · | · |
| | Pembroke | 04·1 | 0 | SW'S | 6 | dF | 48 | 48 | 1 | - | - | · | 9 | 9 | - | 0 | · |
| | Aberporth | 03·3 | -10 | SW | 4 | c/d | 50 | 48 | 5 | 6 | 2 | · | 8 | 7 | 8 | 4 | 15 |
| 7 | Penrhos | 01·4 | -22 | SSW | 3 | dodo | 47 | 47 | 4 | 5 | - | · | 8 | 8 | · | 2 | - |
| | Holyhead, Valley | 01·5 | -16 | S'E | 4 | roro | 45 | 45 | 4 | 5 | - | · | 8 | 8 | - | 1 | - |
| | Hawarden | 02·6 | -12 | SSE | 3 | roro | 43 | 43 | 4 | - | 7 | - | 8 | 8 | - | - | - |
| 8 | Manchester | 03·1 | -10 | S'W | 3 | mf- | 47 | 47 | 4 | 5 | - | · | 7 | 7 | - | 100 | · |
| | Squires Gate | 02·3 | -8 | ESE | 2 | dF | 40 | 40 | 1 | - | - | · | 9 | 9 | - | 0 | · |
| | Silloth | 01·3 | -2 | SW | 3 | zo | 41 | 40 | 6 | 5 | - | · | 8 | 8 | - | 6 | - |
| 9 | Ashbourne | 04·4 | -2 | SSW | 2 | rF | 40 | 40 | 1 | - | - | - | 9 | 9 | - | 0 | · |
| | Snaith | 02·1 | -12 | S'W | 2 | m | 38 | 36 | 4 | 5 | - | - | 7 | 7 | - | 15 | - |
| 10 | Spurn Head | 03·7 | -6 | SW | 4 | m | 40 | 39 | 4 | 8 | - | · | 8 | 8 | - | 15 | - |
| | Leeming | 02·5 | -2 | SE | 2 | c | 43 | 38 | 7 | 5 | 7 | - | 7 | 8 | 6 | 35 | 40 |
| | Tynemouth | 02·4 | +6 | NNE | 2 | m | 44 | 39 | 4 | 5 | - | - | 5 | 5 | - | 24 | - |
| | Acklington | 01·1 | +10 | SW | 3 | bc | 41 | 37 | 7 | 5 | 4 | 6 | 4 | 2 | 4 | 40 | · |
| 11 | St. Abb's Head | 00·8 | +30 | W | 2 | roro | 39 | 35 | 7 | 5 | 2 | - | 7 | 4 | 3 | 10 | - |
| | Leuchars | 00·9 | +14 | NNW | 1 | c/r | 40 | 34 | 6 | 5 | 3 | - | 7 | 4 | 7 | 35 | - |
| | Montrose | 01·4 | +22 | NNW | 2 | c-bc | 37 | 31 | 8 | 5 | 4 | - | 5 | 4 | 5 | 20 | 40 |
| 12 | Abbotsinch | 00·6 | +2 | WSW | 1 | bc | 45 | 42 | 7 | 5 | 3 | 1 | 4 | 3 | 3 | 25 | - |
| | Prestwick | 00·3 | -4 | SSE | 2 | zo | 44 | 38 | 6 | 5 | 3 | 2 | 5 | 4 | 5 | 20 | - |
| | West Freugh | 00·5 | -12 | ESE | 1 | zo | 41 | 40 | 6 | 5 | - | · | 8 | 5 | 8 | 3 | 15 |
| | Eskdalemuir | 00·7 | +4 | SSW | 1 | c | 40 | 37 | 8 | 5 | 3 | · | 6 | 5 | 3 | 15 | - |
| | Jurby, I. of Man | 01·6 | -8 | E | 2 | fs | 45 | 43 | 7 | 5 | 7 | - | 8 | 3 | 5 | 14 | 25 |
| 13A | Machrihanish | 99·7 | -6 | SE'S | 3 | c | 45 | 43 | 7 | 5 | 2 | - | 8 | 3 | 5 | 7 | 15 |
| | Tiree | 98·4 | -10 | ENE | 2 | dodo | 42 | 41 | 8 | 5 | 7 | - | 7 | 4 | 7 | 6 | - |
| | Oban | 00·1 | -2 | — | 0 | zo | 41 | 40 | 7 | 5 | 2 | - | 8 | 3 | 8 | 4 | 25 |
| 13B | Stornoway | 00·2 | +6 | ENE | 3 | c-bc | 39 | 34 | 8 | 1 | 4 | 2 | 5 | 3 | 5 | 20 | - |
| | Cape Wrath | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | | +12 | NE'N | 3 | c | 34 | 27 | 7 | 5 | 7 | · | 8 | 5 | 8 | 9 | 15 |
| | Aberdeen | 00·8 | +22 | NW | 3 | c-bc | 37 | 32 | 8 | 8 | 4 | 1 | 5 | 1 | 4 | 25 | 57 |
| | Fraserburgh | 00·9 | +32 | ENE | 5 | c | 38 | 34 | 7 | 8 | - | · | 8 | 4 | 8 | 10 | 25 |
| | Alness | 01·3 | +14 | - | 0 | c-bc | 37 | 31 | 8 | 4 | 3 | 6 | 5 | 2 | 3 | 25 | - |
| | Wick | 00·7 | +14 | NNE | 3 | c-bc/pr | 37 | 31 | 9 | 8 | - | · | 5 | 3 | 4 | 15 | 40 |
| 16 | Hatston | 00·9 | +20 | NE | 5 | cbc | 38 | 31 | 7 | 8 | 3 | 5 | 5 | 3 | 4 | 15 | 25 |
| | Sumburgh | 99·7 | +2 | N'E | 2 | c-bc/ps | 34 | 31 | 7 | 2 | 6 | - | 5 | 4 | 2 | 15 | - |
| | Sullom Voe | 00·2 | +14 | NE'N | 2 | c | 33 | 30 | 8 | 2 | 3 | - | 7 | 3 | 6 | 20 | - |
| 17 | Blacksod Point † | 93·5 | -46 | SE'E | 1 | rr | 44 | 43 | 6 | - | 2 | - | 8 | 8 | · | 5 | - |
| 18 | Malin Head † | 97·7 | -18 | S | 2 | c | 45 | 41 | 8 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Aldergrove | 99·6 | -22 | - | 0 | roro | 41 | 41 | 5 | 6 | 2 | - | 8 | 1 | 8 | 3 | 5 |
| | Cas. Archdale | 97·8 | -40 | E | 3 | dodo | 41 | 41 | 5 | 5 | - | · | 8 | 3 | 8 | 5 | 8 |
| 19 | Birr Castle ... † | 95·2 | -30 | SSW | 3 | c | 52 | 50 | 7 | 6 | 2 | - | 8 | 5 | - | 15 | - |
| | Collinstown † | 99·0 | -34 | SE | 3 | roro | 47 | 46 | 4 | 5 | - | - | 8 | 8 | - | 1 | - |
| 20 | Foynes † | 96·6 | -26 | S | 4 | df | 54 | 52 | 8 | 5 | 2 | - | 8 | 7 | - | 9 | - |
| | Valentia † | 95·6 | -26 | S'W | 5 | rr | 51 | 50 | 6 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Roches Point † | 99·7 | -12 | SSW | 5 | dodo | 48 | 47 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |

## OBSERVATIONS at 18h. G.M.T. 31st January

| 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 21h‡ 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 04·8 | -12 | SW | 4 | ido | 46 | 44 | 5 | 5 | - | - | 8 | 7 | 8 | 15 | 25 | 1 |
| Croydon | 05·7 | -12 | SW | 4 | zo | 48 | 46 | 6 | 5 | - | - | 7 | 7 | - | 10 | · | 1 |
| Boscombe Down | 05·0 | -16 | SW'S | 5 | dodo | 46 | 46 | 6 | 5 | - | · | 8 | 5 | 8 | 2 | 8 | 1 |
| Thorney Island | 07·0 | -12 | SW'S | 5 | c/d | 48 | 47 | 6 | 5 | - | - | 8 | 6 | 8 | 4 | 15 | 2 |
| Friston | | | | | | | | | | | | | | | | | 1 |
| Lympne | 07·8 | -4 | SW. | 4 | dF | 43 | 43 | 1 | - | - | · | 9 | 9 | - | 0 | - | 1 |
| Manston | 07·0 | -4 | SWW | 5 | zo | 47 | 45 | 5 | 5 | - | - | 8 | 4 | 8 | 2 | 15 | 1 |
| North Weald | 04·8 | -8 | SW | 4 | m/f | 47 | 46 | 4 | 5 | - | · | 8 | 5 | 8 | 8 | 15 | 1 |
| Felixstowe | 04·8 | -6 | SSW | 4 | if | 40 | 40 | 4 | 5 | · | · | 8 | 8 | - | 11 | - | 1 |
| Gorleston | 04·5 | -4 | WSW | 4 | f | 44 | 42 | 3 | 5 | - | · | 8 | 8 | - | 10 | - | 6 |
| Mildenhall | 03·3 | -14 | SW'S | 5 | zo | 47 | 45 | 5 | 5 | - | - | 8 | 5 | 8 | 5 | 15 | 1 |
| Bircham Newton | 01·6 | -14 | S | 4 | f- | 44 | 43 | 3 | - | - | · | 9 | 9 | - | 0 | · | 6 |
| Cranwell | 00·6 | -20 | SSW | 4 | fm/d | 43 | 42 | 4 | 5 | - | · | 8 | 8 | - | 15 | · | 6 |
| Cranfield | 03·4 | -16 | SW | 4 | zo | 46 | 45 | 6 | 5 | · | - | 8 | 4 | 8 | 5 | 40 | 2 |
| Honiley | 01·2 | -14 | SSW | 4 | ido | 46 | 45 | 4 | 5 | · | - | 8 | 8 | - | 7 | - | 7 |
| Little Rissington | 02·1 | -14 | SW | 4 | df | 44 | 44 | 3 | 5 | · | - | 8 | 8 | - | 8 | - | 6 |
| Shobden | 00·2 | -22 | SW | 4 | zo | 48 | 46 | 6 | 5 | 7 | - | 6 | 5 | 6 | 15 | - | 6 |
| Bristol | 03·1 | -24 | SSW | 4 | zo | 49 | 46 | 6 | 5 | - | · | 8 | 5 | 8 | 4 | 16 | 1 |
| Chivenor | 02·3 | -24 | SSW | 5 | dodo | 50 | 48 | 5 | 5 | - | - | 8 | 6 | 8 | 8 | 15 | 1 |
| Yeovilton | 04·3 | -12 | SSW | 4 | ido | 49 | 48 | 5 | 5 | · | - | 8 | 5 | 8 | 4 | 16 | 1 |
| Portland Bill | 06·6 | -16 | SW | 4 | c | 47 | 45 | 7 | 5 | - | · | 8 | 8 | - | 45 | - | 1 |
| Exeter | 04·1 | -22 | WSW | 4 | dodo | 50 | 48 | 6 | 5 | - | - | 8 | 5 | 8 | 10 | 15 | 1 |
| Plymouth | 04·4 | -18 | SW | 6 | dodo | 48 | 48 | 4 | 5 | - | - | 8 | 8 | - | - | · | 1 |
| St. Eval | 00·6 | -22 | SSW | 7 | dodo | 50 | 49 | 4 | 5 | - | - | 8 | 6 | 8 | 1 | 15 | 1 |
| The Lizard | 04·1 | -20 | SW | 7 | DD | 49 | 49 | 6 | 5 | - | - | 8 | 8 | - | 8 | · | 1 |
| Scilly, St. Marys | 01·6 | -16 | SW'S | 6 | d | 50 | 50 | 6 | 5 | - | - | 8 | 8 | - | 8 | · | 1 |
| Fairwood | 00·7 | -30 | SW'S | 5 | dF | 47 | 47 | 1 | 5 | - | - | 8 | 8 | - | - | · | 2 |
| Pembroke | 97·9 | -30 | SSW | 6 | df | 49 | 48 | 2 | - | - | · | 9 | 9 | - | 0 | · | 2 |
| Aberporth | 98·2 | -24 | SW'S | 6 | DD | 49 | 48 | 5 | 6 | - | - | 8 | 8 | · | 3 | - | 1 |
| Penrhos | 97·2 | -26 | SW | 5 | dr | 47 | 47 | 5 | 5 | - | · | 8 | 8 | · | 2 | - | 1 |
| Holyhead, Valley | 94·8 | -36 | S | 6 | dodo | 47 | 47 | 4 | 5 | - | - | 8 | 8 | - | 1 | - | 1 |
| Hawarden | 97·9 | -22 | S | 4 | ido | 48 | 46 | 6 | 5 | 7 | - | 8 | 3 | 5 | 8 | 15 | 6 |
| Manchester | 98·9 | -22 | S'E | 4 | zo | 45 | 43 | 6 | 5 | 7 | - | 8 | 5 | 8 | 11 | - | 6 |
| Squires Gate | 96·1 | -40 | S | 4 | c/f | 47 | 43 | 5 | 5 | - | · | 8 | 8 | - | 19 | · | 4 |
| Silloth | 95·1 | -40 | ENE | 4 | rr | 40 | 39 | 4 | - | 2 | - | 8 | 8 | - | 8 | · | 2 |
| Ashbourne | 00·9 | -22 | WSW | 4 | cf- | 42 | 42 | 3 | 5 | - | · | 8 | 5 | 8 | 2 | 5 | 6·3 |
| Snaith | 02·5 | +8 | WSW | 2 | zo | 44 | 39 | 5 | 5 | 4 | - | 6 | 5 | 3 | 25 | - | 4 |
| Spurn Head | 01·1 | -16 | S | 4 | m | 38 | 38 | 4 | 5 | - | · | 8 | 8 | - | 15 | - | 1 |
| Leeming | 97·9 | -22 | SE'S | 1 | roro | 37 | 37 | 1 | 3 | - | · | 9 | 9 | - | 0 | · | 6·1 |
| Tynemouth | 99·8 | -14 | ENE | 2 | rr | 39 | 39 | 6 | - | 2 | - | 8 | 8 | - | 25 | - | 4 |
| Acklington | 98·6 | -24 | E | 4 | roro | 36 | 32 | 6 | 5 | - | - | 8 | 5 | 8 | 14 | 25 | 6 |
| St. Abb's Head | 97·5 | -28 | ESE | 2 | [illegible] | 38 | 33 | 8 | 5 | - | - | 8 | 4 | 4 | 25 | 40 | 4 |
| Leuchars | 98·4 | -18 | ENE | 3 | roro | 36 | 34 | 1 | 5 | · | · | 8 | 5 | 8 | 10 | 25 | 6·1 |
| Montrose | 99·3 | -14 | ENE | 4 | roro | 36 | 32 | 7 | - | 2 | - | 8 | 8 | - | 40 | - | 1 |
| Abbotsinch | 96·4 | -28 | NE'E | 5 | rs | 35 | 35 | 4 | - | 2 | - | 8 | 8 | - | 10 | - | 6 |
| Prestwick | 93·8 | -38 | E'S | 4 | rr | 39 | 37 | 6 | 5 | 2 | - | 8 | 6 | 8 | 10 | 25 | 1 |
| West Freugh | 92·1 | -54 | ESE | 4 | rf | 41 | 40 | 3 | - | 2 | - | 8 | 8 | - | 2 | - | 1 |
| Eskdalemuir | 95·5 | -38 | NE'N | 3 | RR | 34 | 32 | 6 | 6 | - | · | 8 | 8 | - | 12 | · | 1 |
| Jurby, I. of Man | 92·8 | -42 | SSW | 6 | rr | 47 | 47 | 5 | 6 | 2 | : | 8 | 4 | 8 | 6 | 15 | 1 |
| Machrihanish | 91·9 | -46 | E | 6 | rr | 41 | 40 | 5 | 5 | 2 | - | 8 | 4 | 6 | 5 | 15 | 1 |
| Tiree | 93·6 | -22 | SE'E | 4 | roro | 41 | 39 | 7 | 6 | 2 | - | 8 | 4 | 8 | 4 | 15 | 1 |
| Oban | 95·0 | -34 | E | 3 | roro | 37 | 36 | 6 | 6 | 2 | - | 8 | 6 | 8 | 8 | 15 | 4 |
| Stornoway | 97·0 | -18 | E | 5 | c | 37 | 32 | 8 | 5 | 7 | - | 8 | 3 | 4 | 20 | 40 | 4 1 |
| Cape Wrath | | | | | | | | | | | | | | | | | 2 |
| Dalwhinnie | - | -20 | SW | 2 | iso | 32 | 29 | 4 | 5 | - | · | 8 | 8 | - | 18 | - | |
| Aberdeen | 99·5 | -12 | ENE | 3 | c | 38 | 38 | 7 | 5 | 2 | - | 8 | 5 | 8 | 25 | - | 6·5 |
| Fraserburgh | 99·9 | -8 | E'N | 3 | c | 37 | 32 | 7 | 5 | - | · | 8 | 4 | 8 | 15 | 40 | 4 |
| Alness | 98·9 | -12 | SE'E | 3 | zo | 35 | 33 | 6 | 5 | 2 | - | 8 | 4 | 8 | 20 | · | 6·4 |
| Wick | 99·9 | -10 | ESE | 2 | c | 37 | 24 | 8 | 5 | 7 | · | 8 | 5 | 8 | 30 | · | 4 |
| Hatston | 00·2 | -6 | ENE | 2 | c | 36 | 32 | 7 | 5 | 2 | - | 8 | 3 | 8 | 15 | 40 | 6* |
| Sumburgh | 00·6 | +2 | NNE | 2 | c | 33 | 25 | 8 | 1 | - | 6 | 7 | 3 | 7 | 18 | - | 4 |
| Sullom Voe | 01·1 | +4 | — | 0 | bc | 27 | 20 | 8 | 5 | - | 5 | 4 | 4 | 3 | 20 | - | 8·2 |
| Blacksod Point † | 88·8 | -6 | N | 3 | dr | 45 | 44 | 5 | - | 2 | · | 8 | 8 | - | 8 | - | 2 |
| Malin Head † | 89·3 | -50 | E | 5 | rr | 40 | 39 | 6 | - | 2 | · | 8 | 8 | - | 8 | - | 2 |
| Aldergrove | 89·4 | -44 | S'E | 4 | roro | 48 | 47 | 5 | 6 | 2 | · | 8 | 5 | 8 | 4 | 15 | 1 |
| Cas. Archdale | 99·5 | -22 | SW | 4 | c/d | 49 | 47 | 8 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 1 |
| Birr Castle ... † | 91·0 | -12 | SSW | 2 | c-bc | 51 | 47 | 7 | 8 | - | · | 5 | 5 | - | 15 | - | 1 |
| Collinstown † | 93·0 | -22 | SSW | 4 | c | 50 | 46 | 8 | 5 | - | · | 7 | 7 | - | 17 | - | 1 |
| Foynes † | 92·6 | -10 | SW'S | 3 | ido | 51 | 47 | 7 | 5 | - | · | 8 | 8 | - | 14 | - | 1 |
| Valentia † | 95·5 | +18 | WSW | 5 | c | 49 | 45 | 8 | 5 | - | · | 7 | 7 | - | 41 | - | 2 |
| Roches Point † | 94·5 | -12 | SW'S | 5 | dd | 48 | 47 | 6 | 5 | - | - | 8 | 8 | - | 5 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather 06h.-12h. (34) | Weather 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | rorido mmo | cido mo | 47 | 0·0 | 0·2 |
| Croydon | cmororomo | cmo | 50 | | 0·5 |
| Boscombe Down | oFcmo | cmocm dmo | 47 | 0·0 | 0·3 |
| Thorney Island | cFdpodofe | odocdodomo | 48 | * | 0·3 |
| Friston | | | | 0·0 | |
| Lympne | roroFodoF | ofdodoF | 45 | 0·0 | 2 |
| Manston | cirororomoF | cidocmo | 47 | | 2 |
| North Weald | cirofodo doF | ofcm cfcm | 48 | * | 2 |
| Felixstowe | crrmF | ordom | 40 | 0·0 | 3 |
| Gorleston | ocrf | cf | 45 | 0·0 | 2 |
| Mildenhall | ofmocmroro | cmcirof | 47 | 0·0 | 4 |
| Bircham Newton | pFro | oidof | 44 | 0·0 | 3 |
| Cranwell | cmocFdoro | cdodoidom | 45 | 0·0 | 2 |
| Cranfield | ofidororomo | omocmo | 47 | * | - |
| Honiley | orrff | emom | 48 | 0·0 | 2 |
| Little Rissington | oiroF | oFodoof | ~~50~~ | * | 0·2 |
| Shobden | crorof | ororofcmo | 50 | * | 2 |
| Bristol | irodomcmo | emidocmo | 50 | 0·0 | 1 |
| Chivenor | ceobmo | irododomo | 52 | 0·0 | 1 |
| Yeovilton | idczirocc | ido | 52 | * | 0·1 |
| Portland Bill | o | oo | 47 | * | 1 |
| Exeter | c | cc | 51 | 0·0 | Tr |
| Plymouth | cmdodo | omdd | 49 | 0·0 | 0·2 |
| St. Eval | cidomo | cmdddo do | 51 | 0·0 | 1 |
| The Lizard | bdoroc | dodd | 50 | 0·0 | 1 |
| Scilly, St. Marys | c | | 51 | 0·0 | 2 |
| Fairwood | roroof | ofoddF | 48 | * | 4 |
| Pembroke | obf | bdf | 48 | 0·0 | 4 |
| Aberporth | crrbddc | cc DD | 50 | 0·0 | 5 |
| Penrhos | crorom odf | idodomoixomo | 51 | 0·0 | Tr |
| Holyhead, Valley | ododofrorom | ododomodm | 47 | * | 0·5 |
| Hawarden | crorom | emcmo | 49 | 0·0 | - |
| Manchester | ororoff | orrffcmo | 49 | | 0·5 |
| Squires Gate | ododof | cirofcmo | 48 | * | 0·5 |
| Silloth | emo | emocmofcrrm | 46 | * | 22 |
| Ashbourne | FFroro | FFroro FFdodo | 43 | * | 3 |
| Snaith | cfF | cmfocmo | 44 | 0·0 | 0·5 |
| Spurn Head | om | om | 42 | 0·0 | 0·4 |
| Leeming | c | cororof | 48 | 0·0 | 5 |
| Tynemouth | cm | cmoorr | 45 | * | 3 |
| Acklington | cmobc | bcirom | 42 | * | 9 |
| St. Abb's Head | bbccprddr | croc | 45 | * | 5 |
| Leuchars | bciro | cirocroro | 40 | 0·0 | 6 |
| Montrose | bcbcc | ccirororo | 40 | | 6 |
| Abbotsinch | bcmobc | emorors | 45 | 1·7 | 5 |
| Prestwick | bcpsoc | crrmo | 45 | * | 9 |
| West Freugh | cmo ccmo | edofromorrf | 47 | * | 21 |
| Eskdalemuir | cbcmoc | | 42 | | 13 |
| Jurby, I. of Man | cmoc | bFdodocrrmrf | 49 | * | 11 |
| Machrihanish | cbc2c | c zidrr | 45 | * | 6 |
| Tiree | cido | cdodocfcroro | 45 | 0·0 | 9 |
| Oban | cirocmo | ccroromo | 42 | * | * |
| Stornoway | bcxproobcc | c | 40 | 2·8 | 0·1 |
| Cape Wrath | | | 44 | 0·0 | 0·1 |
| Dalwhinnie | cmo | oiso | | 0·0 | |
| Aberdeen | bc | c | 38 | 3·7 | - |
| Fraserburgh | cpromoc | c | 38 | * | 1 |
| Alness | bcbbc | ccmo | 38 | 3·6 | 0·3 |
| Wick | corc | ccproc | 37 | * | 0·1 |
| Hatston | eprbcc | c | 39 | * | Tr |
| Sumburgh | cpsomobc | bcc | 37 | 3·0 | 0·5 |
| Sullom Voe | pSoprsc | cbc | 35 | * | 0·1 |
| Blacksod Point † | r | d | 49 | * | 17 |
| Malin Head † | o | r | 45 | 0·0 | 14 |
| Aldergrove | ofido | rrm roromo | 49 | 0·0 | 9 |
| Cas. Archdale | oFdodocdomoc | crrmocdodoc | 49 | * | 10 |
| Birr Castle ... † | r | r | 53 | 0·0 | 2 |
| Collinstown † | r | d | 52 | 0·0 | 2 |
| Foynes † | d | d | 55 | 0·3 | 2 |
| Valentia † | rd | d | 54 | 0·0 | 3 |
| Roches Point † | d | r | 48 | * | 3 |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

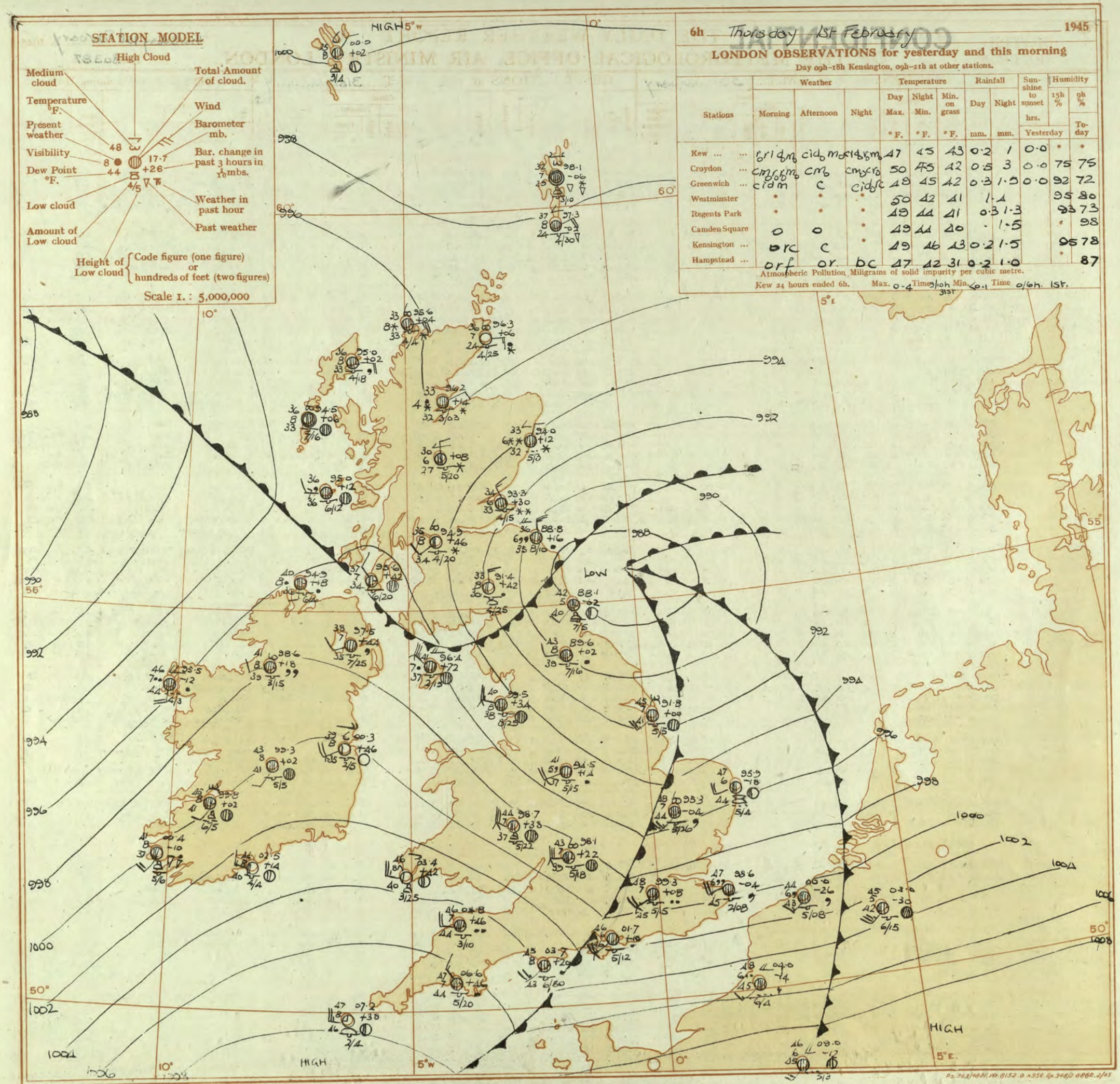
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil 2 = 1/10 4 = 1/2 6 = 8/10 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. ‡ See footnote p. 4.

* Information not usually received.

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




6h Thursday 1st February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | 0r1d8m6 | cid6m6 | s1d8r6m6 | 47 | 45 | 43 | 0·2 | 1 | 0·0 | • | • |
| Croydon ... | cm6r6m6 | cm6 | cm6r6 | 50 | 45 | 42 | 0·5 | 3 | 0·0 | 75 | 75 |
| Greenwich ... | 0d6 cidm | c | cid6r | 49 | 45 | 42 | 0·3 | 1·5 | 0·0 | 92 | 72 |
| Westminster | • | • | • | 50 | 42 | 41 | 1·1 | | | 95 | 80 |
| Regents Park | • | • | • | 49 | 44 | 41 | 0·3 | 1·3 | | 93 | 73 |
| Camden Square | 0 | 0 | • | 49 | 44 | 40 | · | 1·5 | | • | 98 |
| Kensington ... | 0rc | c | • | 49 | 46 | 43 | 0·2 | 1·5 | | 95 | 78 |
| Hampstead ... | 0rf | 0r | 0c | 47 | 42 | 31 | 0·2 | 1·0 | | • | 87 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·4 Time 9/10h Min. <0·1 Time 0/6h. 1st. 31st

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

## GENERAL INFERENCE

A depression near S.E. Scotland is moving rather quickly E, a ridge over our western districts is following rather quickly and will itself be succeeded by troughs from the Atlantic.

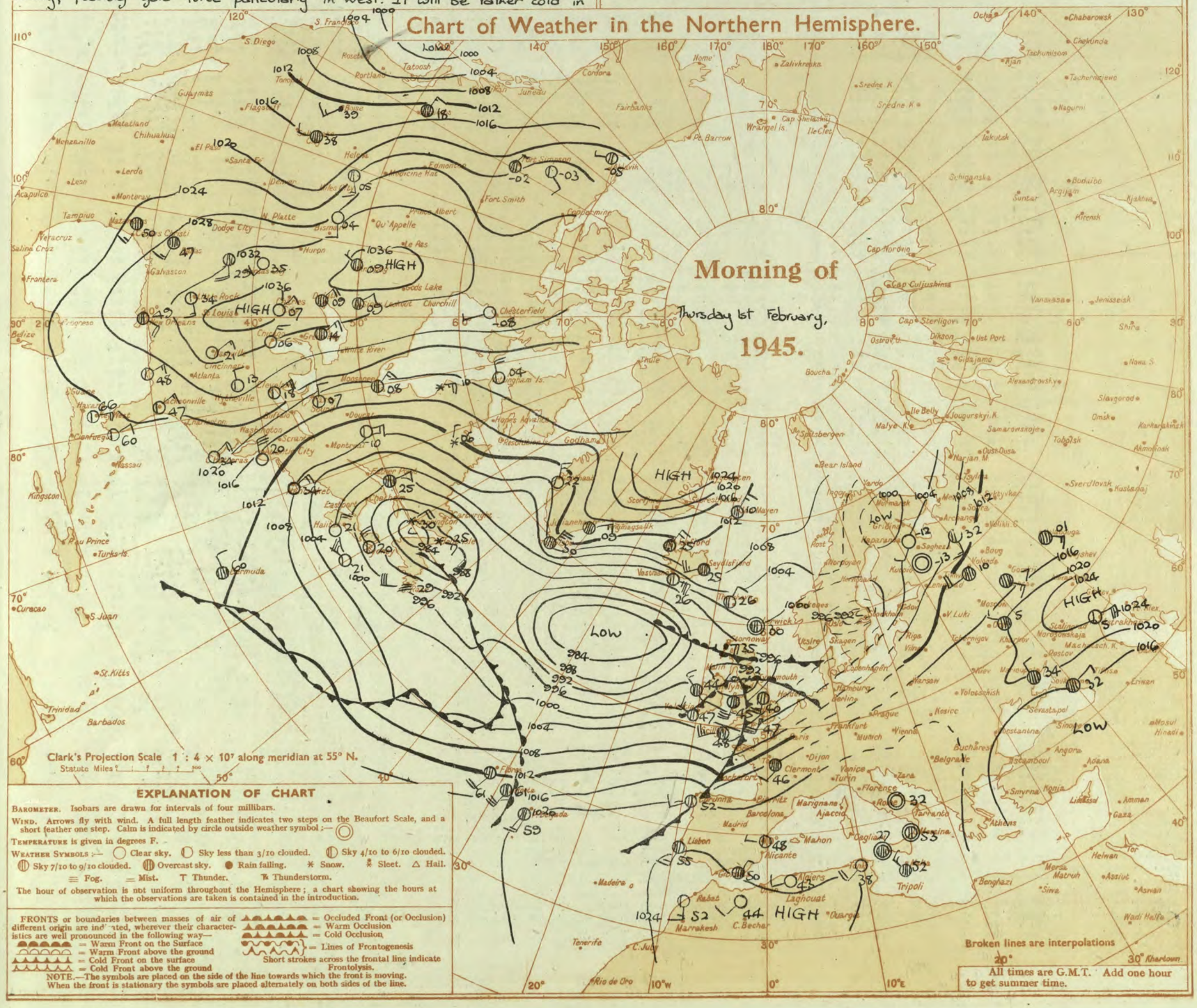
There will be a brief fair spell over much of Gt. Britain at first but this will be followed by increasing cloud with some rain at times spreading in quickly from the West. Local snow will occur in Scotland. Winds will become Southerly or southwesterly in all districts and will increase to strong, possibly gale force paticularly in West. It will be rather cold in most areas, becoming milder later.

## ~~FURTHER OUTLOOK~~

Further Outlook.

Mainly cloudy. local rain.

▼ Gale warnings in operation in districts 0 to 9, 12, 13A, 17 & 18. Times of issue 1915 G.M.T. on 31/1/45. 1000, 1030, and 1230 G.M.T. on 1/2/45.



BRITISH SECTION

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

Thursday 1st February 1945. No. 30387.

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

| 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 | | * | * | * | * | 46 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | | | | | | | | | | | | | | | | |
| | Boscombe Down | 417 | 01.5 | -26 | SSW | 6 | d.d. | 48 | 47 | 4 | 5 | - | - | 8 | 4 | 8 | 5 | 8 |
| | Thorney Island | 10 | 00.1 | -34 | SSW | 6 | dd | 48 | 48 | 5 | 6 | 2 | - | 8 | 6 | 8 | 5 | 8 |
| | Friston | – | 12.2 | -36 | S'W | 6 | d.d. | 46 | 45 | 5 | 5 | - | - | 8 | 4 | 8 | 5 | 15 |
| | Lympne | 341 | 05.5 | -10 | SW | 5 | z. | 45 | 44 | 5 | 5 | 2 | 1 | 8 | 7 | 8 | 5 | 15 |
| | Manston | 140 | 03.8 | -24 | SW | 6 | d.d. | 47 | 45 | 5 | 5 | - | - | 8 | 5 | 8 | 5 | 8 |
| 2 | North Weald | 244 | 00.6 | -26 | SSW | 5 | d.d. | 47 | 47 | 5 | 5 | - | - | 8 | 5 | 8 | 3 | 8 |
| | Felixstowe | 10 | 02.3 | -6 | SSW | 5 | m | 41 | 40 | 4 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Gorleston | 5 | 01.4 | -20 | SW | 5 | z. | 46 | 44 | 5 | 5 | - | - | 8 | 9 | - | 10 | - |
| | Mildenhall | 15 | 99.4 | -14 | SSW | 5 | id. | 48 | 46 | 6 | 5 | - | - | 8 | 6 | 8 | 11 | 40 |
| | Bircham Newton | 221 | 98.4 | -26 | S | 5 | z. | 45 | 44 | 6 | 5 | - | - | 8 | 8 | - | 9 | - |
| | Cranwell | 203 | 96.2 | -26 | SSE | 3 | ir. | 46 | 44 | 6 | 6 | 2 | - | 8 | 5 | 8 | 11 | 25 |
| 3 | Cranfield | 340 | 99.0 | -22 | SW | 5 | ir. | 48 | 46 | 6 | 6 | 2 | - | 8 | 6 | 8 | 6 | 15 |
| | Honiley | 427 | 95.8 | -26 | SSW | 5 | ir. | 48 | 47 | 6 | 5 | - | - | 8 | 6 | 8 | 5 | 15 |
| 4 | Little Rissington | 731 | 96.4 | -48 | WSW | 6 | id. | 46 | 46 | 5 | - | 2 | - | 8 | 8 | - | 3 | - |
| | Shobden | 318 | 95.3 | -22 | SW'S | 3 | r.r. | 48 | 46 | 6 | 5 | 2 | - | 8 | 4 | 5 | 11 | 25 |
| 5 | Bristol | 209 | 98.3 | -24 | SW | 5 | d- | 49 | 48 | 5 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| | Chivenor | 20 | 98.8 | -6 | WSW | 5 | ir. | 48 | 46 | 6 | 5 | - | - | 5 | 5 | - | 6 | - |
| | Yeovilton | 50 | 98.4 | -36 | SSW | 5 | dd | 49 | 48 | 5 | 5 | - | - | 8 | 8 | - | 9 | - |
| | Portland Bill | 32 | 02.6 | -28 | SW | 5 | rr | 45 | 40 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 100 | 00.1 | -22 | W | 4 | c/d | 50 | 47 | 8 | 5 | - | - | 6 | 3 | 5 | 10 | 25 |
| | Plymouth | 86 | 00.7 | -10 | W | 5 | d- | 47 | 47 | 4 | - | 2 | - | 8 | 8 | - | 5 | - |
| | St. Eval | 345 | 00.7 | -10 | WSW | 5 | r- | 47 | 47 | 6 | 5 | - | - | 8 | 8 | - | 5 | - |
| | The Lizard | 240 | 01.3 | +4 | WSW | 6 | rr | 48 | 48 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Scilly, St. Marys | 163 | 00.9 | +14 | W | 5 | c/r | 48 | 47 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| 6 | Fairwood | 268 | 96.9 | -16 | WSW | 6 | r.r. | 46 | 46 | 4 | 6 | 3 | - | 8 | 5 | 8 | 4 | 8 |
| | Pembroke | 142 | 96.1 | 0 | SW'W | 5 | c | 47 | 47 | 8 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 93.6 | -16 | WSW | 5 | z. | 46 | 46 | 6 | 5 | - | - | 8 | 3 | 8 | 5 | 25 |
| | Holyhead, Valley | 32 | 92.1 | -10 | SSW | 6 | cf. | 45 | 44 | 3 | 5 | - | - | 7 | 7 | - | 8 | - |
| | Hawarden | 15 | 93.7 | -22 | S | 3 | ir. | 48 | 46 | 6 | 5 | 7 | - | 8 | 7 | 8 | 15 | - |
| 8 | Manchester | 230 | 93.4 | -22 | S | 5 | id. | 46 | 46 | 6 | 5 | - | - | 8 | 3 | 8 | 12 | 15 |
| | Squires Gate | 30 | 92.1 | -18 | SW'S | 3 | z. | 41 | 40 | 6 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Silloth | 25 | 88.9 | -12 | SSW | 6 | c/r | 45 | 45 | 6 | - | 2 | - | 8 | 8 | - | 8 | - |
| 9 | Ashbourne | 590 | 94.3 | -30 | SSW | 4 | r.r. | 45 | 44 | 3 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Snaith | 30 | 93.4 | -30 | SSE | 4 | r/f | 46 | 44 | 4 | 5 | - | - | 8 | 8 | - | 16 | - |
| 10 | Spurn Head | 29 | 95.8 | -26 | SSW | 5 | z. | 40 | 39 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Leeming | 105 | 91.6 | -22 | SSE | 2 | rs | 43 | 43 | 3 | 6 | 2 | - | 8 | 4 | 8 | 5 | 15 |
| | Tynemouth | 108 | 91.0 | -24 | S | 4 | ir. | 38 | 37 | 4 | - | 2 | - | 8 | 8 | - | 15 | - |
| | Acklington | 138 | 89.8 | -44 | – | 0 | F+ | 37 | 37 | 3 | - | - | - | 9 | 9 | - | 0 | - |
| 11 | St. Abb's Head | 280 | 91.0 | -30 | ESE | 5 | rr | 36 | 36 | 6 | - | 2 | - | 7 | 7 | - | 10 | - |
| | Leuchars | 31 | 92.4 | -32 | E | 4 | rr | 35 | 34 | 5 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Montrose | 22 | 94.1 | -34 | ENE | 6 | r.r. | 35 | 35 | 5 | - | 2 | - | 8 | 8 | - | 7 | - |
| 12 | Abbotsinch | 19 | 89.7 | -24 | ENE | 4 | d.d. | 34 | 34 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Prestwick | 30 | 88.0 | -14 | NNW | 4 | d.d. | 37 | 36 | 6 | 5 | - | - | 8 | 8 | - | 7 | - |
| | West Freugh | 53 | 87.7 | -22 | SW | 4 | c | 46 | 45 | 7 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 89.3 | -22 | SW'S | 5 | c | 43 | 45 | 7 | 5 | 7 | - | 8 | 2 | 5 | 14 | 25 |
| 13A | Machrihanish | 35 | 86.1 | -26 | E | 3 | r.r. | 40 | 39 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| | Tiree | 44 | 92.5 | +2 | NE'N | 4 | d.d. | 37 | 36 | 6 | 5 | 2 | - | 8 | 4 | 8 | 10 | 15 |
| | Oban | 74 | 91.6 | -14 | E | 2 | r.r. | 35 | 34 | 6 | 6 | 2 | - | 8 | 1 | 8 | 10 | 15 |
| 13B | Stornoway | 12 | 95.2 | -8 | E | 4 | ir. | 35 | 33 | 6 | 5 | 2 | - | 8 | 4 | 8 | 14 | 15 |
| | Cape Wrath | 367 | 95.8 | -2 | E | 4 | c | 34 | 27 | 9 | 8 | 2 | - | 8 | 5 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | 34 | | | | | | | | | | |
| | Fraserburgh | 76 | 96.6 | -18 | ESE | 5 | r.r. | 34 | 34 | 6 | 6 | 2 | - | 8 | 3 | 8 | 10 | 25 |
| | Alness | 63 | 95.8 | -18 | E | 4 | SoSo | 33 | 32 | 4 | - | - | - | 9 | 9 | - | 0 | - |
| | Wick | 114 | 97.1 | -16 | E | 3 | c | 37 | 29 | 7 | 5 | 2 | - | 8 | 4 | 8 | 20 | 57 |
| 16 | Hatston | 45 | 98.0 | -8 | ESE | 4 | c | 37 | 25 | 7 | 5 | 2 | - | 8 | 3 | 8 | 15 | 25 |
| | Sumburgh | 15 | 99.1 | -6 | ENE | 3 | c | 37 | 28 | 7 | 5 | 7 | - | 8 | 4 | 8 | 20 | - |
| | Sullom Voe | 12 | 00.0 | -2 | – | 0 | c/ps | 30 | 25 | 8 | 8 | - | 7 | 7 | 3 | 4 | 15 | 25 |
| 17 | Blacksod Point † | 18 | 96.0 | -28 | NW'N | 3 | c | 44 | 40 | 7 | 6 | - | - | 7 | 7 | - | 8 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 87.3 | -10 | SSW | 3 | id. | 46 | 44 | 6 | 5 | - | - | 8 | 5 | 8 | 7 | 15 |
| | Cas. Archdale | 240 | 91.4 | +34 | WNW | 4 | c/d | 38 | 35 | 7 | 5 | - | - | 8 | 5 | 3 | 15 | 25 |
| 19 | Birr Castle … † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 90.8 | +2 | W'S | 6 | c | 45 | 38 | 8 | 5 | - | - | 8 | 8 | - | 15 | - |
| 20 | Foynes † | 3 | 97.9 | +34 | W | 4 | c/d | 45 | 43 | 8 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Valentia † | 30 | 00.3 | -28 | W'S | 3 | bc | 47 | 43 | 8 | 8 | - | - | 4 | 4 | - | 35 | - |
| | Roches Point † | 22 | 98.0 | +30 | W | 4 | c.b. | 46 | 45 | 8 | 5 | 3 | - | 5 | 4 | - | 15 | - |

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

| 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 Hundreds of feet B. (32) | 9 h. State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 99.0 | +14 | WSW | 4 | z. | 47 | 45 | 6 | 5 | - | - | 8 | 5 | 8 | 15 | 25 | 1 |
| Croydon | 99.3 | +8 | SW | 5 | c/l | 48 | 45 | 7 | 5 | - | - | 8 | 5 | 8 | 15 | 25 | 1 |
| Boscombe Down | 01.2 | +22 | WNW | 6 | z. | 44 | 41 | 6 | 5 | - | - | 6 | 4 | 5 | 8 | 25 | 1 |
| Thorney Island | 01.7 | +10 | SW'W | 5 | z. | 46 | 46 | 6 | 5 | - | - | 8 | 5 | 8 | 12 | 25 | 2 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 01.3 | -6 | WSW | 4 | r.r. | 45 | 45 | 5 | 5 | 2 | - | 8 | 6 | 8 | 5 | 8 | 1 |
| Manston | 98.6 | -4 | WSW | 4 | d.d. | 47 | 45 | 6 | 5 | - | - | 8 | 2 | 8 | 8 | 15 | 1 |
| North Weald | 98.2 | +10 | NW | 5 | r.r. | 47 | 44 | 6 | 5 | - | - | 8 | 4 | 8 | 9 | 15 | 1 |
| Felixstowe | 97.1 | -14 | SW | 4 | ir. | 42 | 42 | 6 | 5 | - | - | 8 | 8 | - | 28 | - | 1 |
| Gorleston | 95.9 | -38 | WSW | 4 | z. | 47 | 44 | 6 | 9 | - | - | 5 | 5 | - | 15 | - | 1 |
| Mildenhall | 95.3 | -9 | SW'W | 5 | e | 48 | 44 | 7 | 5 | 7 | - | 7 | 5 | 7 | 26 | - | 1 |
| Bircham Newton | 94.1 | -8 | WSW | 5 | e | 46 | 44 | 7 | 5 | - | - | 7 | 7 | - | 21 | - | 1 |
| Cranwell | 93.7 | +6 | SW | 5 | z. | 45 | 40 | 6 | 5 | - | - | 8 | 5 | 8 | 12 | 25 | 1 |
| Cranfield | 96.6 | +6 | SW | 6 | z. | 46 | 43 | 6 | 5 | - | - | 7 | 4 | 7 | 15 | 40 | 2 |
| Honiley | 96.5 | +22 | W | 5 | c-bc | 44 | 38 | 7 | 5 | - | - | 5 | 5 | - | 25 | - | 1 |
| Little Rissington | 98.1 | +22 | W | 6 | c | 43 | 39 | 7 | 5 | 7 | - | 7 | 5 | 6 | 18 | - | 1 |
| Shobden | 98.7 | +38 | W'N | 6 | c-bc | 44 | 37 | 7 | 8 | - | - | 5 | 5 | - | 22 | - | 2 |
| Bristol | 01.6 | +26 | W | 6 | z. | 45 | 41 | 5 | 5 | - | - | 7 | 7 | - | 11 | - | 1 |
| Chivenor | 04.8 | +46 | W | 4 | c/v | 46 | 44 | 7 | 5 | - | - | 7 | 3 | 7 | 10 | 25 | 1 |
| Yeovilton | 02.8 | +40 | W'S | 4 | c-bc | 47 | 42 | 7 | 5 | 3 | - | 5 | 5 | 5 | 15 | - | 1 |
| Portland Bill | 03.7 | +20 | SSW | 5 | e | 45 | 43 | 8 | 5 | - | - | 6 | 6 | - | 50 | - | 1 |
| Exeter | 04.4 | +40 | WNW | 5 | e | 47 | 43 | 8 | 8 | - | - | 7 | 5 | 3 | 25 | 40 | 1 |
| Plymouth | 06.6 | +46 | NW'W | 3 | c | 47 | 44 | 7 | 5 | - | - | 7 | 5 | 7 | 20 | 25 | 1 |
| St. Eval | 06.8 | +40 | W'S | 4 | z. | 46 | 45 | 6 | 5 | 7 | - | 8 | 4 | 5 | 10 | 25 | 1 |
| The Lizard | 06.5 | +32 | W'N | 6 | b-bc | 47 | 46 | 7 | 5 | - | - | 3 | 3 | - | 15 | - | 1 |
| Scilly, St. Marys | 07.2 | +38 | W | 5 | b | 47 | 46 | 8 | 4 | - | - | 2 | 2 | - | 15 | - | 1 |
| Fairwood | 02.7 | +44 | W | 6 | bc | 44 | 41 | 7 | 5 | - | - | 4 | 3 | 4 | 8 | 25 | 1 |
| Pembroke | 03.4 | +42 | W | 5 | b-bcq | 46 | 40 | 8 | 2 | - | - | 3 | 3 | - | 25 | - | 7 |
| Aberporth | 02.5 | +48 | W | 4 | b | 42 | 39 | 8 | 5 | - | - | 1 | 1 | - | 30 | - | 1 |
| Penrhos | 00.2 | +52 | W | 6 | c-bc | 44 | 39 | 7 | 5 | 3 | - | 5 | 4 | 3 | 25 | - | 0 |
| Holyhead, Valley | 97.0 | +38 | WNW | 7 | c | 45 | 38 | 7 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| Hawarden | 95.4 | +28 | W | 5 | id. | 40 | 38 | 6 | 5 | 7 | - | 8 | 5 | 3 | 16 | - | 1 |
| Manchester | 99.5 | +34 | W'N | 5 | c | 40 | 38 | 8 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Squires Gate | 93.1 | +54 | NNW | 4 | b-bc | 36 | 31 | 8 | 5 | 4 | - | 3 | 2 | 2 | 16 | - | 2 |
| Silloth | | | | | | | | | | | | | | | | | |
| Ashbourne | 94.5 | +14 | WSW | 4 | id. | 41 | 37 | 5 | 5 | - | - | 8 | 5 | 8 | 15 | 25 | 1 |
| Snaith | 92.1 | +12 | WSW | 6 | z. | 43 | 38 | 5 | 5 | - | - | 8 | 5 | 8 | 25 | 40 | 1 |
| Spurn Head | 91.8 | 0 | SW'W | 5 | c | 45 | 41 | 7 | 5 | 6 | - | 8 | 5 | 3 | 25 | 57 | 1 |
| Leeming | 89.6 | +2 | W | 2 | c | 43 | 39 | 8 | 5 | - | - | 7 | 7 | - | 16 | - | 6 |
| Tynemouth | 88.1 | -2 | SW | 2 | z. | 42 | 40 | 5 | 8 | - | - | 7 | 7 | - | 25 | - | 4 |
| Acklington | 87.6 | +2 | WNW | 2 | c | 36 | 36 | 7 | 5 | - | - | 6 | 6 | - | 13 | - | 4 |
| St. Abb's Head | 88.8 | +16 | N | 5 | d.d. | 36 | 35 | 6 | - | 2 | - | 8 | 8 | - | 10 | - | |
| Leuchars | 93.3 | +30 | NNW | 3 | c/s | 34 | 33 | 6 | 5 | - | - | 8 | 4 | 8 | 15 | 40 | 6.1 |
| Montrose | 93.3 | +14 | N'E | 4 | rs | 34 | 33 | 5 | 5 | 7 | - | 8 | 5 | 8 | 8 | - | 6.3 |
| Abbotsinch | 94.9 | +46 | WSW | 2 | bc | 35 | 34 | 8 | 5 | 7 | - | 4 | 4 | 3 | 20 | - | 4 |
| Prestwick | 09.5 | +59 | NW | 2 | z. | 34 | 32 | 6 | 7 | - | - | 2 | 2 | - | 25 | - | 3 |
| West Freugh | 95.3 | +66 | NNW | 5 | bc | 38 | 35 | 8 | 5 | - | - | 4 | 4 | - | 18 | - | 1 |
| Eskdalemuir | 91.4 | +42 | N | 3 | bc | 33 | 30 | 8 | 7 | - | - | 4 | 4 | - | 25 | - | |
| Jurby, I. of Man | 96.4 | +72 | NW'W | 7 | ir. | 41 | 37 | 7 | 5 | 2 | - | 8 | 2 | 4 | 15 | 25 | |
| Machrihanish | 95.6 | +42 | NW'N | 2 | c | 37 | 34 | 7 | 5 | - | - | 6 | 6 | - | 20 | - | 1 |
| Tiree | 95.0 | +12 | W | 1 | id. | 36 | 36 | 7 | 5 | - | - | 8 | 6 | 8 | 12 | 40 | 1 |
| Oban | 95.9 | +26 | ESE | 1 | b-bc | 33 | 32 | 8 | 5 | 3 | 8 | 3 | 1 | 3 | 40 | - | 4 |
| Stornoway | 95.0 | +2 | E | 4 | c | 36 | 33 | 8 | 5 | - | - | 7 | 4 | 7 | 18 | 40 | 4 |
| Cape Wrath | 95.6 | +4 | E | 5 | is. | 33 | 33 | 8 | 5 | 7 | - | 7 | 4 | - | 15 | - | 7 |
| Dalwhinnie | 94.5 | -8 | N | 1 | c-bc | 30 | 37 | 6 | 5 | 1 | - | 5 | 5 | 8 | 20 | 72 | 8 |
| Aberdeen | 94.0 | +12 | NNE | 2 | SoSo | 33 | 32 | 6 | 6 | 1 | - | 8 | 5 | 8 | 8 | 57 | 6.5 |
| Fraserburgh | 95.1 | +4 | NNE | 4 | rs | 34 | 33 | 5 | - | 2 | - | 8 | 8 | - | 10 | - | 4 |
| Alness | 96.2 | +14 | E'N | 1 | rs | 33 | 32 | 4 | 5 | - | - | 8 | 3 | 8 | 3 | 8 | 6.4 |
| Wick | 96.3 | +6 | E | 3 | c/rs | 36 | 34 | 7 | 5 | 7 | - | 8 | 4 | 8 | 25 | - | 4 |
| Hatston | 96.4 | 0 | E | 4 | rs | 37 | 30 | 7 | 7 | 1 | - | 8 | 4 | 4 | 15 | 25 | 4.5 |
| Sumburgh | 97.3 | -2 | ENE | 4 | c | 37 | 24 | 8 | 5 | 1 | - | 8 | 4 | 8 | 30 | - | 4 |
| Sullom Voe | 98.1 | -6 | – | 0 | c/r | 32 | 29 | 7 | 8 | 3 | 7 | 8 | 3 | 5 | 10 | 15 | 8 |
| Blacksod Point † | 95.5 | -12 | S | 4 | r.r. | 46 | 44 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - | 2 |
| Malin Head † | 94.9 | +18 | S | 2 | ir. | 40 | 36 | 8 | 5 | - | - | 6 | 6 | - | 8 | - | 2 |
| Aldergrove | 97.5 | +44 | WSW | 2 | c | 38 | 35 | 7 | 5 | - | - | 8 | 7 | - | 25 | - | 1 |
| Cas. Archdale | 98.6 | +18 | WSW | 2 | c/d | 41 | 39 | 8 | 5 | 3 | - | 7 | 3 | 4 | 15 | 25 | 1 |
| Birr Castle … † | 99.3 | +2 | SSW | 2 | c-bc | 43 | 41 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 1 |
| Collinstown † | 00.3 | +46 | WSW | 4 | b-bc | 39 | 35 | 8 | 5 | 4 | 2 | 3 | 2 | - | 28 | - | 1 |
| Foynes † | 99.8 | +2 | SSW | 2 | c | 45 | 41 | 8 | 8 | 6 | - | 7 | 6 | - | 29 | - | 1 |
| Valentia † | 00.4 | -10 | SW'S | 4 | c.b.r/p | 41 | 37 | 8 | 8 | - | - | 5 | 5 | - | 32 | - | 1 |
| Roches Point † | 02.5 | +19 | WNW | 3 | bc | 44 | 40 | 8 | 5 | - | - | 4 | 4 | - | 15 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | cid.r.r.m | civ.cm. | 45 | 43 | 1 |
| Croydon | cmocd.d. | crr.m.cr. | 45 | 42 | 3 |
| Boscombe Down | cd.d.m.cdd. | cd.d.m. | 43 | 39 | 3 |
| Thorney Island | cm.cddm. | crrm.cm. | 43 | 41 | 4 |
| Friston | | | | | |
| Lympne | o.r.r.FFcm. | o.r.v.o.Fe | 43 | 27 | 2 |
| Manston | cid.cc.m. | cd.d.m. | 45 | 44 | 0.5 |
| North Weald | cmcd.d.cm. | cid.r.m. | 44 | 43 | – |
| Felixstowe | cm.om | o.r.r.cm | 40 | 38 | 0.4 |
| Gorleston | coqz | coqz | 44 | 42 | Tr |
| Mildenhall | cm. | ccid.m.c | 44 | 42 | 0.1 |
| Bircham Newton | cFcm. | cid.m.c | 40 | 40 | 0.4 |
| Cranwell | cc.ir.mm. | cir.r.cm. | 41 | 39 | 0.4 |
| Cranfield | cd.ir.om. | ir.d.m. | 43 | 39 | 0.2 |
| Honiley | cirod.om. | c | 41 | * | 2 |
| Little Rissington | cFcm.cidm. | cd.d.m.c | 41 | 39 | 0.2 |
| Shobden | cm.d.d.r.r.m. | cr.r.m.c | 43 | 39 | 1 |
| Bristol | cm.id.d.ir. | cm.d.r.r. | 42 | 38 | 2 |
| Chivenor | cdm.cr.mcd.m | cir.m.c | 45 | 42 | 4 |
| Yeovilton | cd. | irrc | 45 | * | 2 |
| Portland Bill | orr | orrc | 44 | | 4 |
| Exeter | cd.d.m.c | cr.r.c | 46 | 43 | 0.1 |
| Plymouth | ofd.d. | cr.r.m.c | 46 | 43 | 2 |
| St. Eval | crrddm | cid.em. | 44 | 42 | 3 |
| The Lizard | orr | prebc | 46 | * | 0.4 |
| Scilly, St. Marys | cr.r. | cbc | 47 | | 2 |
| Fairwood | crr.r.m | cm.bc | 42 | 38 | 4 |
| Pembroke | c | | 45 | * | 1 |
| Aberporth | odr.r.em. | b | 41 | 38 | 2 |
| Penrhos | | c | 42 | 38 | 0.4 |
| Holyhead, Valley | odomodmomf cmoir.o | ccid.c | 41 | 38 | 0.3 |
| Hawarden | crd.d.om. | cm. | 40 | 37 | 1 |
| Manchester | cd.d.moem | cd.d.m.c | 39 | 38 | 0.5 |
| Squires Gate | crrmem.r.r. | cm.ir.d.c | 35 | * | 2 |
| Silloth | | | | | |
| Ashbourne | cffoid.ff | o.r.r.ff.cm. | 38 | 37 | 1 |
| Snaith | cir.r.m | cir.m.m. | 40 | 35 | 0.1 |
| Spurn Head | om. | c | 39 | * | 1 |
| Leeming | r.r.d.r.f | r.r.fcm.c | 42 | 31 | 0.2 |
| Tynemouth | orrirm | cm. | 37 | 35 | .2 |
| Acklington | crrmoof | cpdcm.c | 35 | 34 | 5 |
| St. Abb's Head | crr | crrcr.d. | | * | |
| Leuchars | cir.ssrrm. | ossm.cm. | 33 | 30 | 17 |
| Montrose | is.s.mr.r.m | or.r.m.s | 33 | 31 | 9 |
| Abbotsinch | crsd.d.m. | cr.r.sm. | 32 | 17 | 8 |
| Prestwick | r.r.d.d.m. | d.d.cm. | 32 | 28 | 4 |
| West Freugh | cm.ccd.c | cd.m.c | 35 | 31 | Tr |
| Eskdalemuir | eRRm. | eRRrmb | | | |
| Jurby, I. of Man | crrm.cm.c | cid.d.m.c | | | |
| Machrihanish | midcr | rc | 37 | 34 | 4 |
| Tiree | cd.d.om.c | c | 35 | 32 | 2 |
| Oban | cr.r.s.r.r.m. | cr.r.d.r.cb | 31 | * | * |
| Stornoway | cd.d.r.r.m | cir.m.cid | 34 | 32 | 2 |
| Cape Wrath | c | ce | 38 | * | 0.2 |
| Dalwhinnie | * | ois | 29 | 30 | 3 |
| Aberdeen | | sss.s. | 33 | 32 | 12 |
| Fraserburgh | cir.r.om. | cr.r.sm. | 33 | * | 6 |
| Alness | cc.s.o.s.om | cr.s.f | 32 | 32 | 8 |
| Wick | ccs.r.o.sh.c | eeir.r.s. | 37 | 31 | 1 |
| Hatston | e | epsr | 35 | * | Tr |
| Sumburgh | c | psch.y | 33 | 32 | Tr |
| Sullom Voe | bccps.c | cp s.c | 27 | 22 | 0.1 |
| Blacksod Point † | c | bc | 41 | * | 0.6 |
| Malin Head † | * | b | 38 | * | 3 |
| Aldergrove | cd.d.m. | id.m.cm. | 37 | 32 | 0.3 |
| Cas. Archdale | cid.c | bcc id. | 38 | 33 | Tr |
| Birr Castle … † | | b | 42 | 39 | – |
| Collinstown † | c | bc | 38 | 36 | Tr |
| Foynes † | d | b | 43 | 38 | 0.1 |
| Valentia † | b | bc | 41 | 42 | 0.2 |
| Roches Point † | d | bbc | 43 | * | 0.1 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.
‡ Second figure in col. (33) gives depth of snow in inches.

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

Friday 2nd February 1945

No. 30388

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

| 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 | 07·8 | +26 | W'S | 4 | c-b | 48 | 40 | 7 | 8 | 3 | - | 5 | 4 | 4 | 18 | 25 |
| | Croydon | 08·6 | +42 | WSW | 5 | bc | 49 | 40 | 7 | / | - | / | 4 | 4 | 2 | 15 | - |
| | Boscombe Down | 08·6 | +30 | WSW | 4 | bc | 49 | 42 | 7 | 8 | 4 | - | 4 | 4 | 1 | 30 | - |
| | Thorney Island | 09·8 | +34 | SW'W | 5 | 2o | 49 | 45 | 6 | 5 | 4 | / | 4 | 4 | / | 20 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 07·6 | +40 | W'N | 6 | bc | 50 | 39 | 8 | / | - | 2 | 4 | 3 | 3 | 20 | - |
| | Manston | 06·7 | +46 | N'N | 4 | bc | 49 | 39 | 7 | / | - | / | 4 | 3 | 3 | 20 | - |
| 2 | North Weald | 07·4 | +40 | W | 5 | bc | 47 | 37 | 8 | 5 | - | / | 4 | 3 | 2 | 20 | - |
| | Felixstowe | 05·0 | +50 | W | 6 | 2o | 47 | 42 | 6 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Gorleston | 02·4 | +50 | WNW | 6 | bcq | 46 | 38 | 7 | / | - | 8 | 4 | 4 | - | 30 | - |
| | Mildenhall | 04·8 | +46 | W | 5 | 2o | 47 | 38 | 6 | 5 | - | - | 3 | 3 | - | 20 | - |
| | Bircham Newton | 03·2 | +60 | WSW | 6 | bc | 43 | 36 | 7 | 5 | - | - | 4 | 4 | - | 30 | - |
| | Cranwell | 03·5 | +44 | N'N | 6 | b | 45 | 37 | 7 | / | - | / | 2 | 2 | / | 25 | - |
| 3 | Cranfield | 06·6 | +42 | WSW | 4 | b-bc | 47 | 38 | 8 | 2 | 6 | - | 3 | 3 | 2 | 30 | - |
| | Honiley | 05·6 | +38 | SW | 4 | c-bc | 46 | 38 | 7 | 5 | - | / | 5 | 5 | / | 20 | - |
| 4 | Little Rissington | 06·4 | +24 | WSW | 5 | bc | 46 | 39 | 7 | 5 | - | / | 4 | 3 | 2 | 20 | - |
| | Shobden | 05·3 | +12 | SW | 3 | iro | 47 | 42 | 8 | 8 | 7 | / | 7 | 3 | 4 | 9 | 15 |
| 5 | Bristol | 07·7 | +14 | SW'S | 5 | c | 50 | 44 | 7 | 8 | - | - | 6 | 2 | 5 | 12 | 15 |
| | Chivenor | 07·9 | +8 | WSW | 6 | c | 50 | 46 | 7 | 8 | 6 | - | 7 | 5 | 5 | 15 | 25 |
| | Yeovilton | 08·6 | +24 | SSW | 3 | iro | 49 | 45 | 7 | 8 | 6 | 8 | 5 | 4 | 5 | 8 | 25 |
| | Portland Bill | 10·8 | +28 | SW | 5 | c | 46 | 44 | 8 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 09·1 | +10 | WSW | 5 | c | 51 | 45 | 8 | 5 | - | / | 6 | 5 | 4 | 20 | 40 |
| | Plymouth | 10·3 | +10 | W | 5 | 2o | 49 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 7 | 8 |
| | St. Eval | 08·7 | -2 | SW'W | 6 | 2o | 50 | 47 | 6 | 5 | 7 | 2 | 7 | 4 | 4 | 6 | - |
| | The Lizard | 10·3 | +8 | SW | 6 | 2o | 50 | 48 | 6 | 7 | - | - | 4 | 4 | - | 25 | - |
| | Scilly, St. Marys | 08·3 | -2 | SW | 5 | c | 50 | 48 | 6 | 5 | - | - | 7 | 7 | - | 16 | - |
| 6 | Fairwood | 06·8 | +2 | WSW | 5 | 2o | 47 | 46 | 5 | 5 | - | - | 6 | 3 | 6 | - | 5 |
| | Pembroke | 04·9 | +2 | S | 5 | c° | 47 | 46 | 7 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Aberporth | 04·2 | -6 | SW'S | 5 | iro | 48 | 46 | 7 | 5 | - | - | 8 | 7 | 8 | 10 | 25 |
| 7 | Penrhos | 03·0 | -2 | SSW | 5 | 2o | 47 | 46 | 6 | 5 | - | - | 8 | 2 | 8 | - | 8 |
| | Holyhead, Valley | 01·6 | -14 | S'W | 6 | iro | 46 | 43 | 6 | 5 | 7 | - | 8 | 6 | 8 | 5 | - |
| | Hawarden | 03·2 | +14 | SW | 2 | c-bc | 50 | 42 | 8 | 5 | 3 | 2 | 5 | 4 | 5 | 20 | - |
| 8 | Manchester | 03·4 | +18 | WSW | 4 | 2o | 45 | 37 | 6 | - | 7 | - | 5 | 4 | 4 | 100 | - |
| | Squires Gate | 02·3 | +6 | WSW | 3 | 2o | 42 | 38 | 6 | 5 | 3 | / | 6 | 5 | 3 | 20 | - |
| | Silloth | 99·5 | -10 | SE | 2 | e | 40 | 37 | 8 | 5 | - | - | 7 | 7 | - | 25 | - |
| 9 | Ashbourne | 04·3 | +34 | W | 3 | 2o | 43 | 37 | 5 | 8 | - | - | 5 | 4 | 5 | 10 | 25 |
| | Snaith | 02·7 | +42 | W'N | 5 | 2o | 44 | 36 | 6 | 5 | - | / | 3 | 2 | 3 | 20 | - |
| 10 | Spurn Head | 01·9 | +58 | W'N | 6 | bc | 39 | 38 | 7 | 8 | - | - | 4 | 4 | - | 40 | - |
| | Leeming | 01·0 | +26 | NW'N | 4 | c-bc | 39 | 32 | 9 | 5 | - | 6 | 5 | 2 | 5 | 18 | - |
| | Tynemouth | 01·3 | +34 | W | 3 | 2o | 40 | 34 | 6 | 2 | - | - | 3 | 3 | - | 16 | - |
| | Acklington | 00·2 | +40 | W | 3 | c-bc | 38 | 32 | 7 | 2 | 8 | - | 5 | 3 | 4 | 20 | - |
| 11 | St. Abb's Head | 99·1 | +30 | WNW | 2 | c | 36 | 33 | 8 | 5 | 5 | - | 7 | 4 | 4 | 20 | - |
| | Leuchars | 99·0 | +14 | SW | 2 | 2o | 36 | 33 | 6 | 5 | 7 | - | 7 | 5 | 6 | 40 | - |
| | Montrose | 99·2 | +18 | SW | 2 | c-bc | 36 | 33 | 8 | 7 | 4 | - | 5 | 1 | 5 | 20 | 40 |
| 12 | Abbotsinch | 98·6 | +2 | E | 2 | fs | 36 | 35 | 4 | 5 | 7 | - | 8 | 1 | 8 | 15 | - |
| | Prestwick | 97·7 | -10 | SE | 4 | c | 39 | 35 | 8 | 5 | 7 | - | 8 | 5 | 2 | 30 | - |
| | West Freugh | 98·1 | -10 | SSE | 4 | c | 42 | 39 | 8 | 5 | - | - | 8 | 1 | 8 | 8 | 40 |
| | Eskdalemuir | 99·8 | +18 | SW'S | 3 | c | 35 | 31 | 8 | 5 | 2 | - | 8 | 5 | 8 | 16 | - |
| | Jurby, I. of Man | 99·8 | -6 | SSW | 5 | c | 44 | 39 | 8 | 5 | 2 | - | 8 | 4 | 2 | 35 | 46 |
| 13A | Machrihanish | 95·2 | -20 | SE'S | 5 | iro | 42 | 40 | 7 | 5 | 7 | - | 8 | 3 | 5 | 10 | 25 |
| | Tiree | 91·9 | -34 | SE | 6 | roro | 42 | 40 | 7 | 5 | 7 | - | 8 | 4 | 5 | 8 | 15 |
| | Oban | 96·6 | -12 | E | 1 | c/fs | 35 | 33 | 8 | 5 | - | - | 8 | 5 | 8 | 10 | 25 |
| 13B | Stornoway | 93·8 | -16 | SE | 5 | c-bc | 38 | 34 | 8 | 7 | 7 | 2 | 5 | 3 | 4 | 20 | 40 |
| | Cape Wrath | 96·1 | -6 | E | 4 | bc | 34 | 25 | 9 | 8 | 3 | - | 4 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 96·0 | +4 | NNE | 1 | c | 31 | 27 | 7 | 5 | 5 | - | 8 | 5 | 8 | 23 | 72 |
| | Aberdeen | 98·7 | +20 | NW | 2 | 2o | 34 | 31 | 5 | 4 | - | 7 | 5 | 1 | 5 | 25 | - |
| | Fraserburgh | 98·5 | +16 | WSW | 2 | c-bc | 33 | 31 | 8 | 8 | 3 | - | 5 | 3 | 5 | 15 | 25 |
| | Alness | 97·3 | -2 | - | 0 | c-bc | 33 | 32 | 7 | 9 | 3 | 2 | 5 | 3 | 4 | 10 | - |
| | Wick | 97·8 | +6 | E | 2 | bc | 37 | 26 | 9 | 8 | - | 1 | 4 | 3 | 2 | 30 | - |
| 16 | Hatston | 97·6 | +2 | ESE | 3 | bc | 37 | 27 | 8 | 1 | - | 2 | 4 | 3 | 2 | 30 | - |
| | Sumburgh | 98·1 | +4 | E | 3 | bc | 33 | 25 | 9 | 1 | 3 | - | 4 | 3 | 4 | 25 | - |
| | Sullom Voe | 98·6 | +2 | - | 0 | c | 33 | 29 | 7 | 8 | 7 | - | 6 | 4 | 4 | 20 | - |
| 17 | Blacksod Point† | 88·7 | -34 | WS | 7 | c/pr | 47 | 43 | 7 | 9 | - | - | 7 | 7 | - | 8 | - |
| 18 | Malin Head † | 90·1 | -40 | S | 5 | roro | 43 | 40 | 8 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Aldergrove | 94·9 | -34 | SE | 6 | ir | 42 | 39 | 5 | 6 | 2 | - | 8 | 6 | 8 | 5 | 15 |
| | Cas. Archdale | 91·9 | -50 | SSE | 5 | rr | 42 | 42 | 6 | 6 | 2 | - | 8 | 6 | 8 | 5 | 15 |
| 19 | Birr Castle † | 94·3 | -26 | SW | 3 | c-bc | 49 | 47 | 8 | 8 | - | - | 5 | 5 | - | 15 | - |
| | Collinstown † | 97·6 | -32 | S'E | 4 | iro | 45 | 41 | 8 | 5 | 2 | - | 8 | 5 | - | 16 | - |
| 20 | Foynes † | 95·8 | -24 | W | 6 | roro | 50 | 46 | 6 | 5 | - | - | 6 | 6 | - | 14 | - |
| | Valentia † | 98·6 | +4 | WSW | 5 | c | 50 | 46 | 8 | 8 | 6 | 3 | 7 | 5 | - | 22 | - |
| | Roches Point † | 99·0 | -26 | SSW | 6 | ir | 48 | 47 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - |

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

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 07·3 | -2 | SW | 5 | c/r | 48 | 44 | 6 | 8 | - | - | 8 | 7 | 8 | 15 | 25 | 1 |
| Croydon | 08·3 | -4 | SSW | 5 | rr | 49 | 43 | 6 | 6 | 2 | - | 8 | 5 | 8 | 8 | 25 | 1 |
| Boscombe Down | 07·6 | -6 | SW | 6 | iro | 48 | 48 | 6 | 5 | 2 | - | 8 | 4 | 5 | 5 | 15 | 1 |
| Thorney Island | 10·1 | -2 | SSW | 5 | 2o | 47 | 45 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 10·8 | +6 | SW | 5 | 2o | 44 | 43 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 15 | 1 |
| Manston | 09·2 | +2 | SW | 6 | 2o | 48 | 44 | 6 | 5 | - | - | 8 | 5 | 8 | 12 | 15 | 1 |
| North Weald | 07·3 | -4 | SSW | 5 | c/d | 48 | 43 | 5 | 5 | 7 | - | 8 | 5 | 8 | 12 | - | 1 |
| Felixstowe | 07·1 | +2 | SSW | 5 | 2o | 43 | 41 | 6 | 5 | / | - | 8 | 4 | 8 | 30 | - | 1 |
| Gorleston | 05·6 | 0 | SSW | 4 | 2o | 45 | 39 | 6 | 5 | - | - | 7 | 7 | - | 20 | - | 1 |
| Mildenhall | 04·9 | -6 | SW'S | 6 | 2o | 49 | 43 | 6 | 5 | 7 | - | 8 | 4 | 8 | 20 | - | 1 |
| Bircham Newton | 03·7 | -16 | S | 5 | c/r | 46 | 42 | 7 | 5 | 2 | - | 8 | 5 | 8 | 25 | - | 1 |
| Cranwell | 01·7 | -24 | SSW | 4 | iro | 47 | 45 | 7 | 5 | - | - | 8 | 5 | 8 | 10 | 25 | 1 |
| Cranfield | 04·7 | -14 | SW | 5 | iro | 47 | 43 | 6 | 5 | 7 | - | 8 | 3 | 4 | 9 | 40 | 1 |
| Honiley | 02·4 | -22 | SSW | 5 | roro | 46 | 44 | 5 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Little Rissington | 03·2 | -22 | WSW | 6 | roro | 45 | 44 | 6 | 5 | 2 | - | 8 | 5 | 8 | 3 | 15 | 1 |
| Shobden | 01·1 | -18 | SW | 4 | iro | 49 | 46 | 7 | 5 | 7 | - | 7 | 5 | 7 | 13 | 40 | 1 |
| Bristol | 05·1 | -10 | SW'S | 4 | c/pr | 49 | 47 | 6 | 9 | - | - | 8 | 5 | 8 | 6 | 25 | 1 |
| Chivenor | 05·7 | -4 | SW | 7 | roro | 50 | 48 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 |
| Yeovilton | 06·4 | -10 | SW'S | 5 | roro | 49 | 46 | 6 | 6 | 2 | - | 8 | 6 | 8 | 7 | 8 | 1 |
| Portland Bill | 10·2 | -4 | SW | 5 | ir | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| Exeter | 07·2 | -10 | WSW | 5 | dd | 50 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 25 | 1 |
| Plymouth | 08·3 | -6 | SW | 6 | c/d | 48 | 47 | 6 | 5 | - | - | 8 | 8 | - | 7 | - | 1 |
| St. Eval | 06·5 | -4 | SSW | 6 | roro | 49 | 49 | 4 | 5 | 2 | - | 8 | 5 | 8 | 2 | - | 1 |
| The Lizard | 08·3 | -2 | SW | 7 | c/r | 49 | 48 | 5 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Scilly, St. Marys | 06·0 | 0 | SW | 6 | c | 50 | 49 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Fairwood | 02·7 | -16 | SSW | 6 | roro | 46 | 46 | 4 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Pembroke | 01·2 | +2 | SW'S | 8 | ro | 49 | 47 | 5 | 5 | - | - | 8 | 8 | - | 17 | - | 1 |
| Aberporth | 01·5 | +2 | SW'W | 5 | iR | 49 | 48 | 6 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| Penrhos | 99·3 | +2 | SW | 4 | 2o | 48 | 46 | 6 | 5 | 2 | - | 6 | 5 | 6 | 6 | - | 1 |
| Holyhead, Valley | 98·5 | +14 | SW | 5 | 2o | 45 | 41 | 6 | 8 | 3 | - | 4 | 2 | 4 | 15 | - | 1 |
| Hawarden | 99·2 | +6 | SW'W | 3 | c-bc/r | 50 | 45 | 7 | 5 | 3 | - | 5 | 4 | 5 | 15 | - | 1 |
| Manchester | 98·7 | -18 | SSW | 5 | roro | 47 | 44 | 6 | 5 | 2 | - | 6 | 5 | 3 | 10 | - | 1 |
| Squires Gate | 97·8 | -6 | SW'W | 5 | c-bc/r | 43 | 41 | 5 | 5 | - | - | 5 | 4 | 5 | 12 | 25 | 1 |
| Silloth | 94·2 | +22 | SSW | 6 | 2o | 44 | 41 | 6 | 5 | 4 | - | 6 | 5 | 3 | 10 | - | 2 |
| Ashbourne | 01·2 | -16 | SSW | 4 | roro | 44 | 43 | 5 | 6 | 2 | - | 8 | 5 | 8 | 10 | 25 | 1 |
| Snaith | 98·7 | -36 | SSW | 4 | c/r | 46 | 43 | 4 | 5 | 2 | - | 8 | 4 | 8 | 20 | 40 | 1 |
| Spurn Head | 02·0 | -6 | S'E | 4 | 2o | 38 | 37 | 6 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Leeming | 96·8 | -38 | S | 4 | rr | 40 | 39 | 4 | 5 | - | - | 8 | 8 | - | 9 | - | 1 |
| Tynemouth | 97·5 | -24 | SSE | 5 | ir | 39 | 36 | 5 | - | 2 | - | 8 | 8 | - | 15 | - | 4 |
| Acklington | 95·4 | -42 | SSE | 6 | rr | 37 | 35 | 5 | 5 | 2 | - | 8 | 4 | 8 | 6 | 15 | 4 |
| St. Abb's Head | 93·2 | -42 | NNE | 5 | roro | 34 | 34 | 6 | 5 | - | - | 8 | 4 | 4 | 20 | - | 1 |
| Leuchars | 92·0 | -50 | SE | 5 | rr | 37 | 31 | 5 | 6 | 2 | - | 8 | 3 | 8 | 10 | 15 | 6 |
| Montrose | 94·1 | -40 | SE | 6 | prso | 34 | 34 | 5 | - | 2 | - | 8 | 8 | - | 15 | - | 6,3 |
| Abbotsinch | 90·8 | -24 | SW | 3 | c/r | 44 | 41 | 6 | 5 | - | - | 8 | 5 | 8 | 14 | 25 | |
| Prestwick | 91·7 | -4 | SW | 5 | c-bc | 46 | 40 | 8 | 5 | - | - | 5 | 4 | 4 | 6 | 15 | 1 |
| West Freugh | 93·2 | +2 | SW | 3 | bc | 45 | 40 | 8 | 8 | - | - | 4 | 4 | 4 | 25 | 40 | 1 |
| Eskdalemuir | 92·6 | -26 | SW'W | 4 | c/r | 40 | 39 | 7 | 5 | - | - | 8 | 8 | - | 11 | - | 4 |
| Jurby, I. of Man | 94·7 | +10 | SW | 6 | bc | 46 | 41 | 8 | 8 | 4 | - | 4 | 4 | 2 | 30 | - | 1 |
| Machrihanish | 90·8 | +24 | SW | 3 | c/r | 44 | 41 | 6 | 5 | - | - | 8 | 5 | 8 | 14 | 25 | 1 |
| Tiree | 85·3 | +6 | WSW | 4 | b-bc | 42 | 40 | 8 | 3 | - | - | 3 | 3 | - | 15 | - | 2 |
| Oban | 88·5 | -14 | SSW | 4 | c | 43 | 41 | 7 | 8 | - | - | 7 | 6 | - | 20 | - | 6 |
| Stornoway | 86·9 | -38 | E | 5 | rr | 35 | 34 | 6 | 6 | 2 | - | 8 | 4 | 8 | 6 | 15 | 4 |
| Cape Wrath | 89·2 | -36 | E | 5 | is | 34 | 29 | 7 | 5 | 2 | - | 8 | 5 | - | 8 | - | 7.2 |
| Dalwhinnie | 89·5 | -56 | SSE | 7 | K/S | 30 | 30 | 1 | - | - | - | 9 | 9 | - | 0 | - | 8.6 |
| Aberdeen | 94·0 | -34 | SE | 3 | c/r | 38 | 31 | 6 | 5 | 2 | - | 8 | 5 | 8 | 15 | - | 6.4 |
| Fraserburgh | 94·7 | -30 | SE | 4 | roro | 36 | 32 | 7 | 5 | 2 | - | 8 | 3 | 8 | 15 | - | 4 |
| Alness | 90·0 | -50 | ESE | 5 | prso | 33 | 32 | 6 | - | 2 | - | 8 | 8 | - | 7 | - | 6.5 |
| Wick | 93·4 | -28 | SE | 5 | c | 37 | 27 | 8 | 5 | 2 | - | 8 | 4 | 8 | 20 | - | 4 |
| Hatston | 94·6 | -20 | ESE | 5 | c | 36 | 27 | 8 | 5 | / | - | 8 | 2 | 8 | 20 | - | 4 |
| Sumburgh | 96·7 | -10 | ESE | 4 | c-bcjf | 36 | 25 | 2 | / | - | / | 5 | 4 | 3 | 25 | 40 | 4 |
| Sullom Voe | 97·7 | -4 | - | 0 | c/ps | 32 | 27 | 7 | 3 | 3 | - | 6 | 4 | 6 | 20 | - | 8 |
| Blacksod Point† | 01·7 | +10 | SW'S | 5 | c | 48 | 44 | 7 | 6 | - | - | 7 | 7 | - | 15 | - | 1 |
| Malin Head † | 88·1 | +30 | W | 6 | b-bc | 46 | 42 | 8 | 8 | - | - | 3 | 3 | - | 15 | - | 2 |
| Aldergrove | 92·5 | +44 | SSW | 4 | bc | 44 | 40 | 7 | 8 | - | 8 | 4 | 3 | 4 | 18 | 25 | T |
| Cas. Archdale | 93·0 | +16 | W | 4 | bc/pr | 45 | 39 | 8 | 5 | 4 | 1 | 4 | 3 | 4 | 18 | - | 1 |
| Birr Castle † | 95·9 | +12 | WSW | 2 | c-bc | 48 | 44 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 1 |
| Collinstown † | 97·7 | +32 | SW'W | 3 | pr | 46 | 42 | 8 | 8 | - | - | 6 | 6 | - | 9 | - | 1 |
| Foynes † | 97·5 | +8 | SW | 3 | c | 49 | 45 | 8 | 1 | 4 | 8 | 7 | 3 | - | 16 18 | - | 1 |
| Valentia † | 98·4 | +2 | SSW | 4 | c | 50 | 48 | 7 | 9 | / | - | 8 | 5 | - | 16 | - | 1 |
| Roches Point † | 99·8 | +8 | WSW | 3 | bc | 47 | 45 | 8 | 3 | - | - | 4 | 4 | - | 15 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather 06h.–12h. (34) | Weather 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | cmocbc | cirom | 50 | 3·5 | 0·2 |
| Croydon | cbc | c2ocrqmo | 52 | 5·6 | 1 |
| Boscombe Down | bc | bcidoccroro | 48 | 3·0 | 0·4 |
| Thorney Island | cmobcmo | bcmocirocmo | 50 | • | 4 |
| Friston | | | | | |
| Lympne | cmobc | cm | 53 | 5·3 | Tr |
| Manston | c2obc | bccmo | 53 | 5·3 | Tr |
| North Weald | crocmocbc | bcc2omo | 49 | • | Tr |
| Felixstowe | cbcmo | c2cmo | 48 | 5·1 | Tr |
| Gorleston | oirocbcq | bc2o | 47 | 4·6 | 0·1 |
| Mildenhall | bc | ccmopro | 49 | 2·9 | 0·1 |
| Bircham Newton | cbbc | ciro | 48 | 4·0 | Tr |
| Cranwell | cirocmob2o | bc2ocproc | 48 | 4·6 | 0·5 |
| Cranfield | cbc | bcciro | 49 | • | 0·4 |
| Honiley | c | crorom | 50 | 3·0 | 1 |
| Little Rissington | ccmocbc | cprororomo | 46 | • | 3 |
| Shobden | cbc | cpromocidmo | 50 | • | 1 |
| Bristol | cbcmoc | c2oprocmo | 51 | 0·9 | 2 |
| Chivenor | c iropro | ccrorohm | 52 | 1·8 | 2 |
| Yeovilton | cbccbcirc | crocroro | 53 | 1·9 | 0·1 |
| Portland Bill | ce | oir | 47 | • | 0·3 |
| Exeter | c | cdodomcddm | 52 | 1·8 | Tr |
| Plymouth | cmo | ccirodd | 50 | 0·0 | 1 |
| St. Eval | cmobc | cirorm | 50 | 0·3 | 4 |
| The Lizard | cbcmo | crrom | 50 | 1·9 | 1 |
| Scilly, St. Marys | c | ciroc | 51 | 0·8 | 0·5 |
| Fairwood | cirocmo | crorom | 48 | • | 5 |
| Pembroke | c | oirfprrmo | 48 | 0·0 | 3 |
| Aberporth | cprociro | circcrr | 49 | 1·1 | 2 |
| Penrhos | bcccmo | cocroromo | 49 | 0·7 | 2 |
| Holyhead, Valley | c | cmo | 48 | • | 3 |
| Hawarden | ck | bccroromo | 51 | 2·4 | 1 |
| Manchester | cbcmo | crrmocsosmo | 47 | * | 0·3 |
| Squires Gate | bccmo | crrcmo | 45 | • | 6 |
| Silloth | bbcc | crrmocmo | 46 | • | 5 |
| Ashbourne | cidodomcmo | mobccmoiro | 45 | • | 3 |
| Snaith | bc2o | crorom | 48 | 4·7 | 2 |
| Spurn Head | bcq | omo | 45 | 4·7 | Tr |
| Leeming | c | bccrrm | 47 | | 9 |
| Tynemouth | cbcmo | coirmo | 41 | 2·1 | 2 |
| Acklington | cidomobc | bccmorsrr | 39 | • | 3 |
| St. Abb's Head | cdoc | cprosroro | 38 | • | 2 |
| Leuchars | cmoccmo | cmocrsmo | 40 | 0·2 | 4 |
| Montrose | crosc | ccmirososmo | 39 | 0·0 | 5 |
| Abbotsinch | cromocmo | ffromo | 45 | 0·0 | 4 |
| Prestwick | cidomoc | irrrc | 47 | • | 2 |
| West Freugh | bcbbcc | ccrorrmcprobc | 48 | • | 5 |
| Eskdalemuir | bcc | cossrssRK | 41 | 0·1 | 9 |
| Jurby, I. of Man | c | rrmobc | 50 | • | 3 |
| Machrihanish | cir | c | 47 | • | 8 |
| Tiree | crrcroro | crormobc | 46 | 0·0 | 9 |
| Oban | cmorosoc | crororrmc | 44 | • | * |
| Stornoway | c | ccrorossprmo | 41 | 0·6 | 16 |
| Cape Wrath | bcc | ocisO | 38 | • | 1 |
| Dalwhinnie | o | oKS | 37 | 0·0 | 7 |
| Aberdeen | csoc | circmo | 38 | 3·2 | 5 |
| Fraserburgh | crosomobcc | ccroro | 36 | • | 4 |
| Alness | crosomcmo | csosoromo | 34 | 0·3 | 8 |
| Wick | cbc | bcc | 39 | • | 2 |
| Hatston | pbcbbc | bcc | 39 | • | - |
| Sumburgh | cybcy | bcyv | 39 | 4·1 | - |
| Sullom Voe | cssc | cbcpmsc | 36 | • | Tr |
| Blacksod Point† | Hr | pr | 51 | • | 6 |
| Malin Head † | T | pT | 47 | 0·0 | 3 |
| Aldergrove | cmov | cRRmocbc | 47 | 1·4 | 4 |
| Cas. Archdale | ccidorrmo | cprobc | 48 | • | 4 |
| Birr Castle † | pr | pr | 51 | 1·6 | 3 |
| Collinstown † | T | pr | 52 | 1·7 | 0·2 |
| Foynes † | T | pc | 52 | 2·3 | 3 |
| Valentia † | e | e | 52 | 2·4 | 5 |
| Roches Point † | T | bc | 51 | • | 1 |

† Birr Castle reports at 1300. * Maximum temperature and rainfall read at 1800.

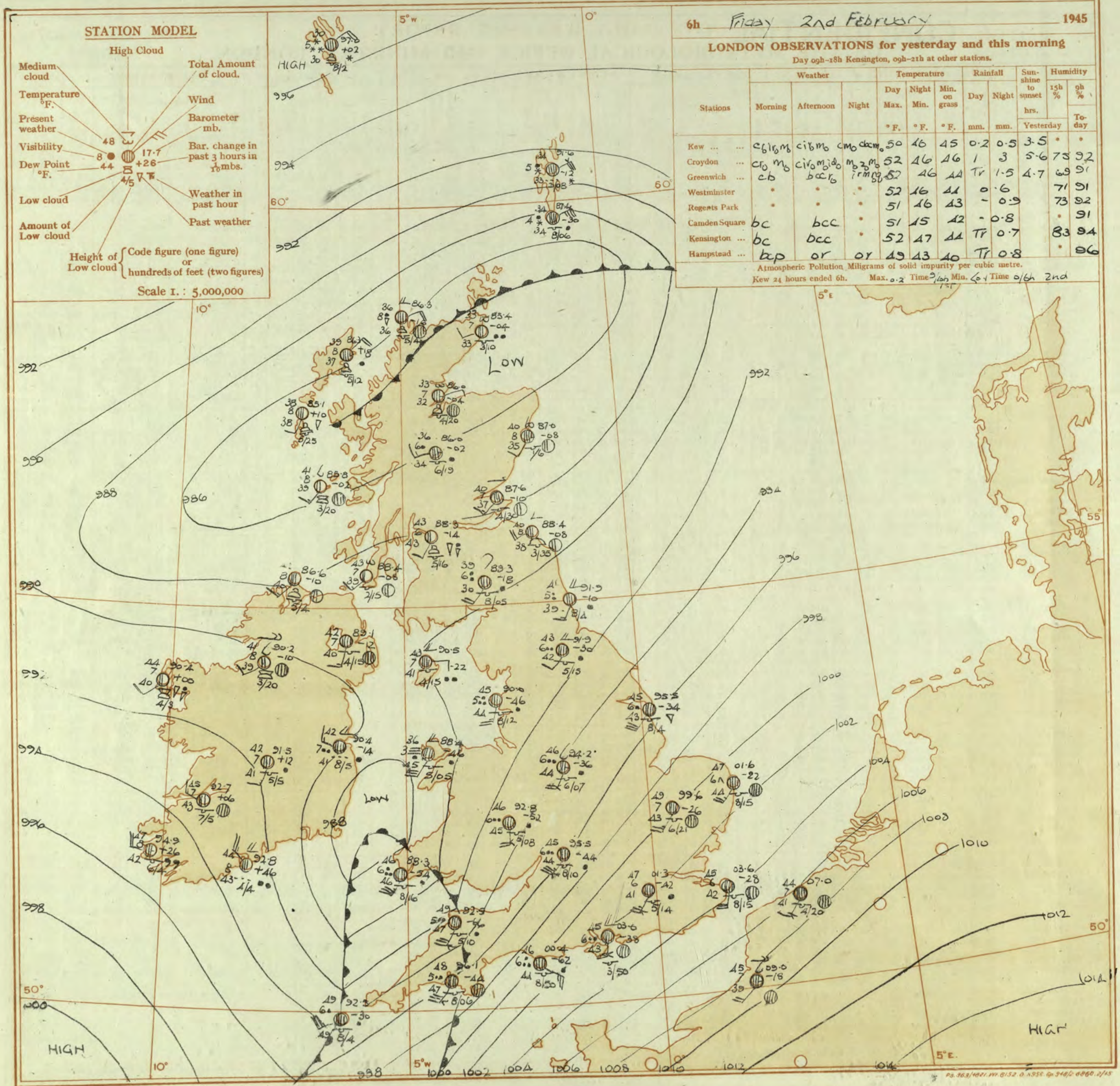
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil  2 = 1/10  4 = 1/2  6 = 6/10  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. ‡ See footnote p. 4.

* Information not usually received.

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




6h Friday 2nd February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | c6 ir8 m8 | ci8 m8 | cm8 dcm8 | 50 | 46 | 45 | 0.2 | 0.5 | 3.5 | • | • |
| Croydon ... | cr8 m8 | cir8 m8 d8 | m8 2m8 | 52 | 46 | 46 | 1 | 3 | 5.6 | 75 | 92 |
| Greenwich ... | c8 | bcr8 | irm8 m8 | 52 | 46 | 44 | Tr | 1.5 | 4.7 | 69 | 91 |
| Westminster | • | • | • | 52 | 46 | 41 | 0 | 0.6 | | 71 | 91 |
| Regents Park | • | • | • | 51 | 46 | 43 | - | 0.9 | | 73 | 92 |
| Camden Square | bc | bcc | • | 51 | 45 | 42 | - | 0.8 | | • | 91 |
| Kensington ... | bc | bcc | • | 52 | 47 | 44 | Tr | 0.7 | | 83 | 94 |
| Hampstead ... | bcp | or | or | 49 | 43 | 40 | Tr | 0.8 | | • | 96 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 0.2 Time 3/00 Min. <0.1 Time 0/6h 2nd

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

**GENERAL INFERENCE**

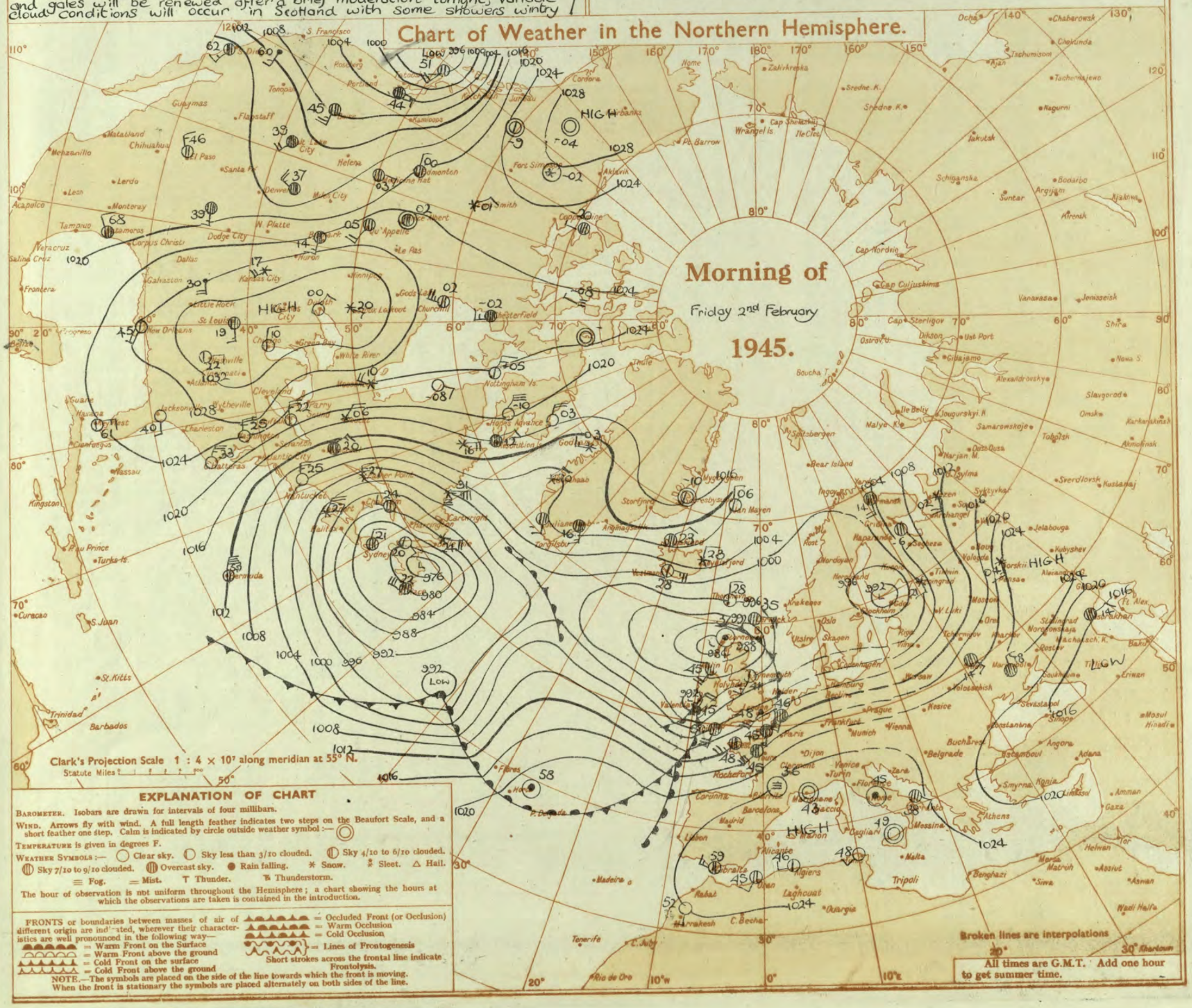
A secondary depression centred in the Irish Sea is moving rapidly Eastnortheast, and associated troughs are crossing England. Conditions will be generally cloudy with some rain over England and Wales at first, but an improvement to mainly fair conditions is expected to have reached most of this area by evening; a fresh rain area is expected in our Southwest districts about dawn moving rapidly Eastnortheast; winds will be strong to gale force southwest to west over South England and gales will be renewed after a brief moderation tonight; variable cloud conditions will occur in Scotland with some showers wintry at times and some frost tonight; it will be cold in this area but mild further South.

**FURTHER OUTLOOK**

Unsettled generally with gales in South at times.

♠ Gale warning in operation in districts 15 and 16 time of issue 1700 GMT. 1st Feb 1945

♠ Gale warning in operation in districts 0 to 4. times of issue 1915 31st Jan. 1945 and 1030 1st Feb 1945.



Page 4.

## BRITISH SECTION

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

Friday 2nd February 1945

No. 30388

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

| 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 | | * | * | * | * | 47 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 06.6 | -10 | SW'S | 5 | d.d. | 48 | 46 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Boscombe Down | 417 | 05.9 | -14 | SW'S | 6 | c/d | 47 | 46 | 5 | 5 | - | - | 8 | 5 | 8 | 7 | 15 |
| | Thorney Island | 10 | 08.3 | -10 | SW'S | 5 | z. | 47 | 45 | 6 | 5 | - | - | 7 | 5 | 8 | 12 | 15 |
| | Friston | – | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 09.4 | -4 | WSW | 6 | i-. | 43 | 42 | 6 | 5 | 2 | - | 8 | 5 | 8 | 7 | 15 |
| | Manston | 140 | 08.0 | -6 | SW | 5 | ir. | 46 | 44 | 6 | 5 | - | - | 8 | 6 | 8 | 10 | 15 |
| 2 | North Weald | 244 | 05.3 | -8 | SW | 5 | ir. | 48 | 45 | 5 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Felixstowe | 10 | 06.1 | -2 | SSW | 5 | z. | 43 | 42 | 6 | 5 | - | - | 8 | 8 | - | 13 | - |
| | Gorleston | 5 | 04.8 | +4 | SW | 4 | id. | 48 | 45 | 6 | 6 | - | - | 8 | 8 | - | 10 | - |
| | Mildenhall | 15 | 03.6 | -8 | SW'S | 4 | c | 50 | 46 | 7 | 5 | - | - | 8 | 6 | 8 | 14 | 15 |
| | Bircham Newton | 221 | 02.8 | +2 | SW | 5 | z | 48 | 46 | 6 | 5 | - | - | 8 | 5 | 8 | 10 | 15 |
| | Cranwell | 203 | 00.4 | -8 | SW | 4 | c.bc | 48 | 46 | 7 | 5 | - | 6 | 5 | 3 | 5 | 20 | - |
| 3 | Cranfield | 340 | 03.4 | -6 | SW | 5 | z. | 48 | 46 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Honiley | 427 | 02.0 | +8 | SSW | 5 | d.d. | 47 | 46 | 7 | 5 | - | - | 8 | 5 | 8 | 3 | 8 |
| 4 | Little Rissington | 731 | 02.7 | -12 | WSW | 6 | r.r. | 46 | 46 | 5 | 6 | 2 | - | 8 | 5 | 8 | 4 | 15 |
| | Shobden | 318 | 00.8 | -12 | SSW | 4 | r.r. | 48 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 11 | 25 |
| 5 | Bristol | 209 | 04.4 | -6 | SW | 4 | z | 50 | 47 | 6 | 5 | - | - | 8 | 3 | 6 | 8 | 15 |
| | Chivenor | 20 | 03.5 | -16 | SSW | 5 | c/d | 50 | 47 | 6 | 5 | - | - | 8 | 4 | 8 | 12 | 25 |
| | Yeovilton | 50 | 04.5 | -10 | SSW | 5 | c/d | 50 | 46 | 6 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Portland Bill | 32 | 08.2 | -10 | S | 5 | o | 47 | 43 | 7 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 100 | 05.9 | -14 | SSW | 5 | c/d | 50 | 46 | 7 | 5 | - | - | 8 | 5 | 8 | 14 | 16 |
| | Plymouth | 86 | 05.8 | -22 | ESE | 4 | z. | 48 | 46 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | St. Eval | 345 | 04.1 | -24 | SW | 7 | z. | 49 | 47 | 6 | 5 | - | - | 6 | 5 | 8 | 6 | 15 |
| | The Lizard | 240 | 04.8 | -20 | SW | 7 | z. | 49 | 47 | 5 | 6 | - | - | 8 | 8 | - | 10 | - |
| | Scilly, St. Marys | 163 | 02.3 | -30 | SSW | 6 | c/r | 50 | 48 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 6 | Fairwood | 268 | 01.7 | -20 | SW | 6 | ir | 46 | 46 | 4 | 6 | 2 | - | 8 | 6 | 8 | 4 | 8 |
| | Pembroke | 142 | 99.1 | -22 | SSW | 7 | i- | 47 | 47 | 6 | 5 | - | - | 8 | 8 | - | 16 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 98.4 | -18 | SW | 4 | r.r. | 48 | 47 | 5 | 5 | 2 | - | 8 | 6 | 8 | 8 | 15 |
| | Holyhead, Valley | 32 | 96.6 | -26 | S'W | 5 | r.r. | 45 | 45 | 3 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Hawarden | 15 | 98.8 | -12 | S | 3 | pr. | 48 | 44 | 6 | 8 | - | - | 8 | 3 | 8 | 15 | 25 |
| 8 | Manchester | 230 | 99.2 | -6 | S | 3 | z. | 45 | 41 | 6 | 5 | 7 | - | 8 | 5 | 8 | 25 | - |
| | Squires Gate | 30 | 97.5 | -6 | SW | 4 | z. | 44 | 41 | 6 | 5 | - | - | 8 | 3 | 8 | 20 | 25 |
| | Silloth | 25 | 94.5 | -4 | SSW | 5 | pr. | 44 | 42 | 6 | 8 | - | - | 8 | 4 | 8 | 8 | 25 |
| 9 | Ashbourne | 590 | 00.4 | -6 | SSW | 3 | z | 46 | 45 | 5 | 5 | - | - | 8 | 5 | 8 | 5 | 15 |
| | Snaith | 30 | 95.1 | -2 | SSW | 3 | z. | 43 | 39 | 6 | 5 | 7 | 2 | 5 | 2 | 4 | 5 | - |
| 10 | Spurn Head | 29 | 01.0 | -8 | SW'W | 4 | c.bc | 42 | 41 | 7 | 5 | 1 | - | 5 | 4 | 3 | 40 | 72 |
| | Leeming | 105 | 97.1 | -2 | SSW | 3 | c.bc | 46 | 40 | 7 | 5 | - | - | 5 | 5 | - | 20 | - |
| | Tynemouth | 108 | 96.0 | -2 | SSW | 3 | z. | 41 | 38 | 6 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Acklington | 138 | 94.0 | -4 | S | 4 | c | 41 | 35 | 7 | 5 | 3 | 7 | 8 | 4 | 6 | 23 | - |
| 11 | St. Abb's Head | 280 | 92.0 | +2 | SSW | 3 | c | 41 | 36 | 8 | 5 | 3 | - | 6 | 3 | 4 | 35 | - |
| | Leuchars | 31 | 90.3 | -2 | SW | 4 | z. | 41 | 36 | 6 | 5 | - | 8 | 5 | 1 | 5 | 30 | - |
| | Montrose | 22 | 90.9 | -2 | SW | 3 | c | 39 | 37 | 7 | 5 | - | - | 2 | 2 | - | 20 | - |
| 12 | Abbotsinch | 19 | 90.9 | -6 | SSW | 4 | r.r. | 45 | 42 | 6 | 5 | - | - | 8 | 4 | 4 | 14 | 25 |
| | Prestwick | 30 | 92.2 | -4 | S | 4 | z. | 45 | 41 | 7 | 5 | - | - | 8 | 4 | 8 | 20 | 57 |
| | West Freugh | 53 | 90.3 | -6 | WSW | 5 | c | 46 | 40 | 7 | 5 | - | - | 8 | 4 | 8 | 20 | 40 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 94.9 | -6 | SW'S | 6 | c | 47 | 41 | 7 | 8 | 7 | - | 8 | 2 | 5 | 18 | 40 |
| 13A | Machrihanish | 35 | 90.8 | -2 | SW'S | 4 | c | 46 | 39 | 7 | 5 | 2 | - | 7 | 3 | 4 | 20 | 25 |
| | Tiree | 44 | 86.1 | -2 | SW | 4 | c | 45 | 43 | 8 | 3 | 4 | - | 7 | 4 | 4 | 20 | - |
| | Oban | 74 | 85.2 | -10 | SW | 4 | c/pr | 44 | 42 | 7 | 9 | - | - | 8 | 4 | 8 | 10 | 25 |
| 13B | Stornoway | 12 | 84.8 | -8 | – | 0 | i- | 37 | 36 | 6 | 5 | 2 | - | 8 | 4 | 8 | 8 | 15 |
| | Cape Wrath | 367 | 85.7 | -2 | E | 4 | ps- | 35 | 35 | 7 | 5 | 2 | - | 8 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | | | | | | | | | | | |
| | Fraserburgh | 76 | 88.6 | -16 | S'E | 3 | bc | 36 | 35 | 7 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Alness | 63 | 87.0 | -4 | – | 0 | rs | 32 | 31 | 7 | 5 | 2 | - | 7 | 3 | 7 | 20 | - |
| | Wick | 114 | 86.3 | -42 | SW | 1 | c/r | 37 | 35 | 6 | 5 | 3 | - | 6 | 3 | 3 | 10 | 40 |
| 16 | Hatston | 45 | 88.1 | -34 | E'N | 7 | rs | 35 | 34 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Sumburgh | 15 | 93.? | -10 | ESE | 6 | c | 37 | 27 | 8 | 1 | 2 | - | 8 | 4 | 8 | 25 | - |
| | Sullom Voe | 12 | 95.3 | -10 | E | 4 | c | 35 | 32 | 8 | 5 | 7 | 7 | 7 | 3 | 4 | 20 | - |
| 17 | Blacksod Point † | 18 | 91.2 | -4 | SW | 2 | c.bc | 46 | 44 | 7 | 8 | 5 | - | 5 | 9 | - | 8 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 92.? | -8 | S'W | 4 | c | 45 | 42 | 7 | 5 | 7 | - | 8 | 5 | 3 | 15 | - |
| | Cas. Archdale | 240 | 92.7 | +2 | SSW | 3 | c | 44 | 42 | 7 | 5 | 1 | - | 7 | 4 | 7 | 15 | - |
| 19 | Birr Castle † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 95.2 | -14 | SW'S | 4 | i-. | 46 | 41 | 8 | 5 | 2 | - | 8 | 4 | - | 23 | - |
| 20 | Foynes † | 3 | 94.3 | -20 | S'W | 1 | i- | 46 | 41 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Valentia † | 30 | 92.3 | -32 | NE'N | 3 | i-. | 45 | 40 | 8 | 6 | 1 | - | 8 | 8 | - | 13 | - |
| | Roches Point † | 22 | 93.0 | -12 | WSW | 6 | r- | 48 | 47 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - |

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

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | 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) | 9 h. State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 00.6 | -38 | SWS | 5 | ir. | 47 | 43 | 6 | 5 | - | - | 8 | 7 | 8 | 12 | 15 | 1 |
| Croydon | 01.5 | -42 | S'W | 5 | z. | 47 | 41 | 6 | 5 | - | - | 8 | 5 | 8 | 14 | 25 | 1 |
| Boscombe Down | 99.2 | -46 | S'W | 7 | d.d. | 45 | 44 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Thorney Island | 03.0 | -38 | S | 5 | r.r. | 45 | 43 | 6 | 5 | 2 | - | 8 | 3 | 8 | 50 | - | 1 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 04.8 | -28 | SW | 7 | c | 44 | 41 | 7 | 5 | 7 | - | 7 | 4 | 7 | 16 | - | 1 |
| Manston | 03.6 | -28 | SSW | 6 | z. | 45 | 42 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| North Weald | 00.6 | -34 | SWS | 6 | z. | 46 | 42 | 5 | 5 | - | - | 8 | 3 | 8 | 12 | 15 | 1 |
| Felixstowe | 03.3 | -20 | SSW | 5 | z. | 43 | 40 | 6 | 5 | - | - | 7 | 7 | - | 15 | - | 1 |
| Gorleston | 01.6 | -22 | SW | 5 | cq | 47 | 44 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Mildenhall | 99.6 | -26 | SSW | 5 | c | 49 | 43 | 7 | 5 | - | - | 8 | 6 | 8 | 21 | 25 | 1 |
| Bircham Newton | 98.5 | -26 | SSW | 6 | z. | 47 | 43 | 6 | 5 | - | - | 8 | 8 | - | 55 | - | 1 |
| Cranwell | 95.6 | -26 | S'W | 6 | ir. | 47 | 44 | 6 | 5 | - | - | 7 | 5 | 7 | 15 | 25 | 1 |
| Cranfield | 98.1 | -40 | SSW | 7 | ir. | 47 | 43 | 6 | 5 | 2 | - | 8 | 5 | 8 | 15 | 40 | 1 |
| Honiley | 95.1 | -34 | SSW | 6 | r.r. | 47 | 44 | 7 | 5 | - | - | 8 | 5 | 8 | 12 | 15 | 1 |
| Little Rissington | 95.5 | -44 | SW | 7 | r.r. | 45 | 44 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Shobden | 92.8 | -52 | S | 4 | r.r. | 46 | 45 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 2 |
| Bristol | 95.8 | -46 | S'W | 7 | d.d. | 48 | 46 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Chivenor | 92.5 | -66 | SSW | 6 | r.r. | 49 | 47 | 5 | 5 | - | - | 8 | 5 | 8 | 10 | 15 | 1 |
| Yeovilton | 96.7 | -54 | S'W | 7 | RR | 47 | 47 | 5 | 5 | - | - | 8 | 5 | 8 | 6 | 15 | 1 |
| Portland Bill | 00.4 | -62 | SE | 5 | rr | 46 | 44 | 6 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| Exeter | 95.6 | -70 | S | 6 | d.d. | 49 | 47 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 15 | 1 |
| Plymouth | 96.1 | -44 | SSW | 6 | r.r. | 48 | 47 | 5 | 5 | - | - | 8 | 8 | - | 6 | - | 1 |
| St. Eval | 92.6 | -56 | SSW | 6 | c/r | 49 | 48 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 |
| The Lizard | 95.0 | -72 | SW | 7 | c/r | 49 | 49 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| Scilly, St. Marys | 92.5 | -30 | WSW | 7 | ir. | 49 | 49 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Fairwood | 91.9 | -66 | S'W | 6 | r.r. | 46 | 46 | 5 | 6 | 2 | - | 8 | 6 | 8 | 5 | 15 | 1 |
| Pembroke | 88.3 | -54 | SSW | 7 | rr | 46 | 46 | 6 | 5 | - | - | 8 | 8 | - | 16 | - | 1 |
| Aberporth | 85.6 | -30 | SSW | 6 | rr | 47 | 46 | 6 | - | 2 | - | 8 | 8 | - | 6 | - | 1 |
| Penrhos | 89.7 | -54 | SSW | 5 | r.r. | 46 | 46 | 6 | 5 | 2 | - | 8 | 6 | 8 | 6 | 15 | 1 |
| Holyhead, Valley | 88.4 | -46 | SSW | 6 | rf | 46 | 45 | 3 | 5 | 2 | - | 8 | 5 | 8 | 5 | 8 | 1 |
| Hawarden | 91.4 | -40 | S | 4 | r.r. | 47 | 45 | 7 | 6 | 2 | - | 8 | 5 | 8 | 10 | 25 | 1 |
| Manchester | 92.1 | -42 | S'E | 5 | r.r. | 47 | 44 | 6 | 6 | - | - | 8 | 8 | - | 5 | - | 1 |
| Squires Gate | 90.0 | -46 | S'W | 5 | rr | 45 | 44 | 5 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| Silloth | 90.8 | -14 | S | 3 | r.r. | 42 | 42 | 6 | 5 | - | - | 8 | 3 | 8 | 12 | 25 | 2 |
| Ashbourne | 94.2 | -36 | SSW | 4 | r.r. | 46 | 44 | 6 | 5 | 4 | - | 8 | 6 | 8 | 7 | 15 | 1 |
| Snaith | 93.4 | -30 | SSW | 4 | r.r. | 47 | 45 | 6 | 5 | - | - | 8 | 8 | - | 21 | - | 2 |
| Spurn Head | 95.5 | -34 | SW | 6 | ir. | 45 | 43 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Leeming | 91.9 | -30 | SWS | 2 | r.r. | 43 | 42 | 6 | 5 | 2 | - | 8 | 5 | 8 | 15 | - | 1 |
| Tynemouth | 91.9 | -10 | SSW | 3 | ir | 41 | 39 | 5 | - | 2 | - | 8 | 8 | - | 15 | - | 1 |
| Acklington | 90.2 | -18 | SSW | 4 | r.r. | 40 | 37 | 7 | 5 | 7 | - | 8 | 3 | 8 | 15 | - | 4 |
| St. Abb's Head | 88.4 | -8 | WSW | 4 | cbc | 40 | 38 | 8 | 4 | 1 | - | 5 | 3 | 4 | 35 | - | 1 |
| Leuchars | 87.6 | -10 | SW | 3 | cbc | 40 | 37 | 7 | 5 | - | 8 | 5 | 4 | 2 | 30 | - | 6 |
| Montrose | 87.6 | -14 | S'W | 2 | cbc | 39 | 35 | 7 | 5 | - | - | 5 | 2 | 5 | 20 | 40 | 6 |
| Abbotsinch | 88.3 | -14 | SSW | 2 | cbc/pr | 43 | 43 | 6 | 8 | - | - | 5 | 5 | - | 16 | - | 1 |
| Prestwick | 89.0 | -6 | SW | 3 | c | 45 | 41 | 7 | 5 | - | - | 6 | 4 | 6 | 30 | 57 | 1 |
| West Freugh | 90.5 | -16 | WSW | 3 | z. | 44 | 43 | 6 | 5 | - | - | 8 | 5 | 8 | 15 | 25 | 1 |
| Eskdalemuir | 89.3 | -18 | SW'S | 4 | ir | 39 | 30 | 6 | 5 | - | - | 8 | 8 | - | 5 | - | 4 |
| Jurby, I. of Man | 90.5 | -22 | E | 1 | c/r | 43 | 41 | 7 | 5 | 2 | - | 8 | 4 | 8 | 15 | - | 1 |
| Machrihanish | 88.4 | -8 | SW'S | 3 | bc | 43 | 39 | 7 | 5 | 3 | - | 4 | 2 | 3 | 15 | 25 | 1 |
| Tiree | 85.8 | -2 | SW'S | 3 | bc | 41 | 39 | 8 | 3 | 4 | - | 4 | 3 | 3 | 20 | - | 2 |
| Oban | 87.0 | -6 | SW | 4 | c/pr | 44 | 42 | 6 | 8 | - | - | 8 | 3 | 8 | 8 | 15 | 4 |
| Stornoway | 86.3 | +18 | NE | 4 | c | 39 | 37 | 8 | 8 | - | - | 7 | 5 | 7 | 12 | 25 | 4 |
| Cape Wrath | 86.3 | +16 | ENE | 4 | .pr | 36 | 36 | 8 | 8 | 2 | - | 8 | 5 | - | 15 | - | 2 |
| Dalwhinnie | 86.0 | -2 | WSW | 3 | ir. | 36 | 34 | 6 | 5 | - | - | 6 | 6 | - | 19 | - | 4 |
| Aberdeen | 87.0 | -8 | SWW | 2 | c | 40 | 35 | 8 | 5 | 7 | - | 7 | 1 | 7 | 40 | - | 6 |
| Fraserburgh | 86.9 | -10 | S'W | 3 | c | 37 | 35 | 7 | 5 | 7 | - | 8 | 5 | 8 | 20 | - | 4 |
| Alness | 86.0 | -4 | E'N | | c | 33 | 32 | 7 | 8 | 3 | - | 6 | 4 | 6 | 20 | - | 6 |
| Wick | 85.4 | -4 | WSW | 2 | cbc/r | 33 | 33 | 7 | 5 | 7 | - | 5 | 3 | 4 | 10 | 40 | 4 |
| Hatston | 84.7 | -10 | N | 5 | cbc | 38 | 35 | 8 | 8 | 6 | - | 5 | 5 | 2 | 25 | - | 4 |
| Sumburgh | 87.4 | -30 | ENE | 7 | rs | 34 | 34 | 4 | 5 | - | - | 8 | 8 | - | 6 | - | 4 |
| Sullom Voe | 91.6 | -12 | ENE | 6 | rs | 34 | 33 | 5 | 6 | - | - | 8 | 3 | 8 | 8 | 15 | 8 |
| Blacksod Point † | 90.4 | 0 | SW | 2 | bc/pr | 44 | 39 | 7 | 3 | - | - | 4 | 4 | - | 8 | - | 2 |
| Malin Head † | 86.6 | -10 | SW | 3 | cbc | 44 | 39 | 8 | 8 | - | - | 5 | 5 | - | 15 | - | 2 |
| Aldergrove | 89.1 | -12 | S | 3 | c | 42 | 40 | 7 | 5 | - | - | 8 | 4 | 8 | 15 | 40 | 1 |
| Cas. Archdale | 90.2 | -10 | SW | 2 | bc | 41 | 39 | 8 | 3 | 4 | 2 | 4 | 3 | 2 | 20 | 40 | 1 |
| Birr Castle † | 91.5 | +12 | SSW | 2 | cbc | 42 | 41 | 7 | 5 | - | - | 5 | 5 | - | 25 | - | 1 |
| Collinstown † | 90.4 | -14 | WNW | 3 | r.r. | 42 | 41 | 7 | 6 | 2 | - | 8 | 8 | - | 28 | - | 1 |
| Foynes † | 92.7 | +6 | W'N | 3 | c | 45 | 43 | 7 | 5 | - | - | 7 | 7 | - | 28 | - | 1 |
| Valentia † | 94.9 | +26 | W | 4 | c/d | 47 | 42 | 8 | 5 | - | - | 6 | 6 | - | 19 | - | 1 |
| Roches Point † | 92.8 | +46 | NW | 5 | cbc/r | 44 | 43 | 8 | 6 | 2 | - | 5 | 4 | - | 15 | - | 1 |

### OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | cr.ir.m. | cir.m. | 46 | 45 | 0.5 |
| Croydon | cr.r.m. | cir.m.id.m. | 46 | 46 | 3 |
| Boscombe Down | cr.r.m.cd. | cm.cid.r.r. | 45 | 42 | 1 |
| Thorney Island | cm.cd.d.m. | cm.cr.r. | 43 | | 4 |
| Friston | | | | | |
| Lympne | cr.r.m. | c | 42 | 41 | 1 |
| Manston | cir.m. | cr.r.m. | 44 | 44 | 0.3 |
| North Weald | cid.m. | cm. | 43 | 42 | 0.5 |
| Felixstowe | cir.m.cm. | cm. | 41 | 39 | 0.1 |
| Gorleston | o.id.z-q | cOz-q | 45 | 43 | 0.6 |
| Mildenhall | cr.r.m. | ccir.c | 47 | 44 | 0.2 |
| Bircham Newton | cm. | cm. | 45 | 43 | 0.4 |
| Cranwell | cir.r.r.bc | bcir.m. | 46 | 43 | 0.5 |
| Cranfield | cm.ir.cm. | cm.cir.m. | 46 | 40 | 0.1 |
| Honiley | cm.ci.d. | cir. | 46 | 44 | 2 |
| Little Rissington | o.d.d.m.r.r. | cir.m.,r.r. | 44 | 43 | 3 |
| Shobden | cir.m.r.r.m. | cr.r.crrm. | 45 | 44 | 6 |
| Bristol | czpr.cm.rc | cir.d.d. | 47 | 45 | 2 |
| Chivenor | cr.r.m. | cm.ir.m. | 47 | 45 | 3 |
| Yeovilton | r.rczidzc | rrRRcz | 45 | 43 | 2 |
| Portland Bill | o | orr | 46 | * | 2 |
| Exeter | cid.c. | cr.r.cddm. | 47 | 47 | 1 |
| Plymouth | cm. | cm.r.r. | 46 | 45 | 2 |
| St. Eval | cr.r.mcm. | cir.cm. | 45 | 44 | 1 |
| The Lizard | om. | cr.o | 46 | * | 2 |
| Scilly, St. Marys | crc | cir.q | 47 | * | 1 |
| Fairwood | cr.r.cm., rm | cr.r.m.m. | 45 | 44 | 7 |
| Pembroke | oir.r.m | crrm. | 43 | * | 8 |
| Aberporth | * | CRRrrm. | 43 | 43 | 14 |
| Penrhos | cm.crrm. | or.r.m.cr.r. | 43 | 41 | 2 |
| Holyhead, Valley | cm.cm | or.r.forr | 47 | 41 | 22 |
| Hawarden | cm.c. | crrm.cir. | 45 | 42 | 9 |
| Manchester | cm. | cm.rrr.m. | 44 | 39 | 6 |
| Squires Gate | cm. | co ir.rr.m. | 41 | 27 | 56§ |
| Silloth | cm.bm.bc. | cpr.r.m. | 39 | 37 | 7 |
| Ashbourne | m.r.r.bcm.d. | d.c.rr.m.rm | 44 | 40 | 8 |
| Snaith | crbcm. | cr.m. | 41 | 36 | 4 |
| Spurn Head | bcm. | pm.ir. | 41 | * | 2 |
| Leeming | bcm.c | ir.cr.r.m. | 40 | 37 | 4 |
| Tynemouth | bcm. | coir m. | 39 | 33 | 2 |
| Acklington | crrdcbcm.c | bcr.r. | 34 | 31 | 0.2 |
| St. Abb's Head | cr.rbcc | bcc | 38 | * | – |
| Leuchars | cr.r.bcm. | bcm.bc | 37 | 33 | 0.1 |
| Montrose | cr.r.m.b | bbcbc | 34 | U.S. | 0.3 |
| Abbotsinch | cm.r.r.m. | crrbcm.pr. | 42 | 40 | 2 |
| Prestwick | oc | cd.d.o | 39 | 35 | Tr |
| West Freugh | c | cr.cr.r.c | 40 | 36 | 1 |
| Eskdalemuir | ciRc | ciRoirm. | 37 | 36 | 2 |
| Jurby, I. of Man | bcbbcpr.c | cir.,rr,m.c | 42 | 40 | 4 |
| Machrihanish | bcc | rcbc | 43 | 41 | 0.1 |
| Tiree | bcbbcpr.c | cpr.cidbc | 40 | 37 | 0.2 |
| Oban | cprc | cprcm. | 42 | * | |
| Stornoway | crrm.cssf | cirm.c | 35 | 32 | 2 |
| Cape Wrath | sscp.f | crsscspr | 31 | * | 8 |
| Dalwhinnie | | bcirc | 35 | 30 | 4 |
| Aberdeen | cbcm. | bcm.c | 38 | 32 | 3 |
| Fraserburgh | cr.r.m.c | bccbcc | 35 | U.S. | 0.2 |
| Alness | cs.s.m.bc | cr.s.c | 31 | 28 | 1 |
| Wick | cs.zrs rm | cr.r.m.c | 33 | 31 | 3 |
| Hatston | cls | rrc | 32 | * | 6 |
| Sumburgh | bcrc | rsmc | 32 | 32 | 14 |
| Sullom Voe | cbbcc | cir.rsm. | 31 | 30 | Tr |
| Blacksod Point † | b | pr | 42 | * | 0.5 |
| Malin Head † | | bc | 44 | * | 0.4 |
| Aldergrove | bcbbcbc | c | 39 | 37 | – |
| Cas. Archdale | bcpr.bcc | cbc | 40 | 32 | Tr |
| Birr Castle † | | r | 42 | 40 | 5 |
| Collinstown † | r | r | 41 | 40 | 5 |
| Foynes † | r | c | 42 | 41 | 7 |
| Valentia † | r | d | 44 | 41 | 16 |
| Roches Point † | r | r | 44 | * | 27 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.  § Amount confirmed

* Information not usually received.
‡ Second figure in col. (33) gives depth of snow in inches.

Page 1.

**BRITISH SECTION**

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

Saturday 3rd February 1945.
No. 30389

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

| 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 ... | 94.9 | -2 | WSW | 5 | ido | 48 | 41 | 8 | 5 | - | - | 8 | 2 | 5 | 7 | 8 |
| | Croydon ... | 96.4 | -6 | WSW | 7 | iro | 48 | 45 | 6 | 5 | - | - | 8 | 8 | - | 8 | · |
| | Boscombe Down | 99.1 | +50 | WN | 7 | c | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Thorney Island | 99.6 | +22 | SW | 6 | c | 48 | 43 | 7 | 5 | · | · | 8 | 6 | 8 | 15 | 40 |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 97.8 | -26 | SW | 8 | roro | 44 | 44 | 5 | 6 | 2 | - | 8 | 6 | 8 | 6 | · |
| | Manston ... | 96.0 | -40 | SW'S | 8 | dodo | 46 | 44 | 6 | 5 | - | - | 8 | 6 | 8 | 6 | 15 |
| 2 | North Weald | 93.4 | -20 | SSW | 6 | c/r | 48 | 45 | 5 | 5 | - | - | 8 | 5 | 8 | 15 | 25 |
| | Felixstowe ... | 93.9 | -50 | SSW | 6 | iro | 44 | 42 | 6 | 6 | · | · | 8 | 6 | 8 | 6 | 15 |
| | Gorleston ... | 92.7 | -54 | SW'S | 6 | dodo | 45 | 42 | 6 | 6 | - | · | 8 | 8 | - | 10 | - |
| | Mildenhall | 90.9 | -52 | SW'S | 6 | c/r | 50 | 46 | 7 | 5 | 4 | - | 7 | 5 | 6 | 12 | 25 |
| | Bircham Newton | 90.3 | -34 | S | 6 | id | 47 | 45 | 5 | 6 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| | Cranwell ... | 89.0 | -22 | SW | 4 | dodo | 49 | 47 | 5 | 5 | - | - | 8 | 4 | 8 | 6 | 15 |
| 3 | Cranfield ... | 91.8 | -6 | WSW | 6 | iro | 49 | 46 | 6 | 5 | · | - | 8 | 4 | 8 | 5 | 57 |
| | Honiley ... | 92.8 | +36 | WNW | 5 | roro | 46 | 42 | 6 | 6 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| 4 | Little Rissington | 94.6 | +42 | WNW | 7 | c/r | 43 | 40 | 8 | 6 | 2 | - | 8 | 5 | 6 | 12 | 25 |
| | Shobden ... | 96.2 | +80 | W | 5 | pr | 46 | 40 | 8 | 9 | - | - | 7 | 4 | 5 | 18 | 25 |
| 5 | Bristol ... | 99.5 | +82 | WSW | 7 | zo | 45 | 43 | 6 | 5 | - | - | 7 | 5 | 7 | 5 | 15 |
| | Chivenor ... | 00.8 | +60 | W | 6 | c/pr | 48 | 45 | 7 | 5 | - | · | 7 | 5 | 7 | 10 | 40 |
| | Yeovilton | 00.0 | +76 | WS | 5 | c-bc | 49 | 40 | 8 | 8 | 2 | - | 5 | 3 | 4 | 10 | 15 |
| | Portland Bill | 99.6 | +34 | WSW | 7 | c | 47 | 45 | 7 | 5 | - | · | 8 | 8 | - | 50 | · |
| | Exeter ... | 01.2 | +66 | WSW | 6 | c/p | 49 | 39 | 7 | 8 | - | · | 6 | 4 | 6 | 20 | 40 |
| | Plymouth ... | 02.9 | +42 | W | 5 | c/pr | 48 | 45 | 6 | 2 | - | · | 6 | 6 | - | 20 | - |
| | St. Eval ... | 03.3 | +38 | WNW | 5 | b | 48 | 45 | 6 | 5 | - | · | 2 | 2 | - | 20 | - |
| | The Lizard | 03.0 | +36 | W'S | 7 | zo | 50 | 47 | 6 | 5 | - | · | 3 | 3 | - | 30 | - |
| | Scilly, St. Marys | 03.3 | +42 | W'S | 6 | b-bc | 51 | 47 | 7 | 5 | - | · | 3 | 2 | 3 | 10 | · |
| 6 | Fairwood ... | 99.2 | +92 | W | 6 | c | 47 | 43 | 7 | 5 | 7 | - | 8 | 4 | - | 9 | 25 |
| | Pembroke ... | 98.3 | +54 | WSW | 6 | bcq | 46 | 43 | 7 | 5 | 3 | - | 4 | 2 | 3 | 28 | 40 |
| | Aberporth ... | 98.6 | +66 | W'N | 5 | bc | 46 | 43 | 8 | 1 | 7 | · | 4 | 3 | 4 | 10 | - |
| 7 | Penrhos ... | 96.7 | +80 | WSW | 3 | c | 47 | 43 | 7 | 8 | 7 | · | 6 | 4 | 4 | 6 | - |
| | Holyhead, Valley | 95.3 | +50 | W | 4 | c-bc | 45 | 43 | 7 | 5 | 4 | 5 | 5 | 6 | 3 | 25 | 57 |
| | Hawarden ... | 92.7 | +62 | NW | 6 | c-bc/r | 45 | 41 | 7 | 8 | - | · | 5 | 4 | 4 | 8 | 25 |
| 8 | Manchester | 91.6 | +36 | WNW | 5 | roro | 43 | 40 | 6 | 6 | 2 | · | 8 | 4 | 8 | 6 | 40 |
| | Squires Gate | 93.0 | +52 | W | 4 | c | 41 | 39 | 7 | 5 | 7 | · | 7 | 6 | 3 | 15 | - |
| | Silloth ... | 90.7 | +18 | SSW | 2 | c | 40 | 38 | 7 | 5 | 6 | - | 7 | 4 | 6 | 15 | 25 |
| 9 | Ashbourne ... | 90.9 | +20 | W | 6 | roro | 49 | 45 | 6 | 5 | - | · | 6 | 5 | 6 | 6 | 15 |
| | Snaith ... | 87.4 | -18 | SSW | 2 | roro | 47 | 47 | 4 | · | · | · | 8 | 8 | - | 8 | - |
| 10 | Spurn Head | 88.7 | -34 | S'W | 5 | dodo | 43 | 42 | 5 | 5 | · | · | 8 | 8 | - | 15 | - |
| | Leeming | 89.1 | +2 | NW'N | 3 | roro | 39 | 39 | 6 | 5 | 2 | · | 8 | 8 | 8 | 13 | 25 |
| | Tynemouth | 89.2 | -4 | W | 3 | ir | 41 | 39 | 4 | · | 2 | · | 8 | 8 | - | 18 | · |
| | Acklington | 88.9 | -2 | W | 3 | c/r | 41 | 38 | 7 | 5 | 7 | · | 6 | 3 | 4 | 30 | 57 |
| 11 | St. Abb's Head | 88.1 | +8 | SW | 3 | c-bc | 42 | 37 | 8 | 4 | 9 | 2 | 5 | 3 | 4 | 20 | - |
| | Leuchars ... | 88.1 | +10 | SW | 2 | zo | 42 | 39 | 5 | 8 | 7 | 2 | 5 | 2 | 4 | 30 | 57 |
| | Montrose ... | 88.2 | +6 | SW | 2 | z | 40 | 38 | 6 | 5 | 4 | 2 | 5 | 3 | 4 | 30 | - |
| 12 | Abbotsinch | 89.1 | +8 | WSW | 2 | zo | 42 | 42 | 6 | 8 | - | · | 7 | 3 | 7 | 10 | 25 |
| | Prestwick ... | 89.7 | +16 | SW'W | 3 | c/pr | 42 | 42 | 6 | 8 | - | · | 7 | 3 | 7 | 10 | 25 |
| | West Freugh | 90.8 | +14 | WNW | 4 | c | 45 | 42 | 7 | 5 | 3 | - | 6 | 2 | 4 | 10 | 25 |
| | Eskdalemuir | 89.5 | +14 | SSW | 2 | f+ | 45 | 42 | 7 | 5 | 3 | - | 6 | 2 | 4 | 10 | 25 |
| | Jurby, I. of Man | 92.1 | +22 | SW | 4 | c-bc | 45 | 42 | 8 | 5 | 6 | 9 | 5 | 3 | 4 | 12 | 40 |
| 13A | Machrihanish | 89.3 | +14 | WSW | 3 | pr | 45 | 40 | 7 | 8 | 7 | - | 7 | 4 | 5 | 12 | 25 |
| | Tiree ... | 90.6 | +40 | NNE | 5 | c-bc/pr | 42 | 37 | 8 | 8 | 6 | · | 5 | 3 | 5 | 20 | 40 |
| | Oban ... | 89.7 | +24 | WSW | 2 | c/p | 42 | 41 | 6 | 8 | 6 | · | 7 | 3 | 5 | 10 | 25 |
| 13B | Stornoway ... | 92.7 | +38 | N | 4 | c-bc/pr | 40 | 32 | 8 | 8 | - | · | 5 | 4 | 5 | 20 | 25 |
| | Cape Wrath | 81.6 | +30 | ENE | 4 | c-bc | 37 | 32 | 9 | 8 | 7 | - | 5 | 4 | - | 15 | · |
| 15 | Dalwhinnie | 89.5 | +68 | NE | 4 | iso | 34 | 32 | 6 | 5 | - | · | 8 | 8 | - | 16 | - |
| | Aberdeen ... | 88.4 | +18 | NW | 3 | b-bc | 38 | 34 | 8 | 5 | 4 | 8 | 3 | 2 | 2 | 15 | 25 |
| | Fraserburgh | 87.7 | +14 | WNW | 4 | c | 38 | 35 | 8 | 5 | - | · | 7 | 5 | 7 | 15 | 25 |
| | Alness ... | 90.6 | +28 | NE | 3 | c | 37 | 32 | 8 | 5 | 7 | · | 7 | 5 | 7 | 20 | - |
| | Wick ... | 88.2 | +22 | NNW | 3 | c | 36 | 36 | 8 | 5 | - | · | 8 | 8 | - | 10 | · |
| 16 | Hatston ... | 88.1 | +24 | N | 7 | dd | 37 | 34 | 6 | 5 | - | · | 8 | 5 | 8 | 8 | 25 |
| | Sumburgh ... | 86.6 | +6 | NE | 7 | prs | 35 | 35 | 6 | 5 | - | - | 8 | 8 | - | 6 | · |
| | Sullom Voe | 90.1 | +2 | NE'N | 6 | soso | 33 | 32 | 3 | 6 | - | · | 8 | 8 | - | 3 | · |
| 17 | Blacksod Point† | 95.2 | +30 | W'N | 2 | bc | 47 | 43 | 7 | 8 | - | · | 4 | 4 | - | 15 | · |
| 18 | Malin Head † | 89.6 | +24 | NW | 4 | iro | 44 | 42 | 8 | 5 | - | · | 5 | 5 | - | 8 | - |
| - | Aldergrove | 91.5 | +18 | SW'S | 3 | c | 47 | 44 | 7 | 8 | - | · | 7 | 4 | 7 | 12 | 25 |
| | Cas. Archdale | 93.3 | +24 | W | 4 | c/p | 45 | 38 | 7 | 8 | 6 | - | 7 | 4 | 4 | 15 | 25 |
| 19 | Birr Castle ... † | 96.6 | +22 | W | 2 | c-bc | 48 | 40 | 8 | 4 | - | · | 5 | 5 | - | 25 | · |
| | Collinstown † | 94.9 | +30 | WSW | 5 | bc/p | 46 | 42 | 8 | 2 | 1 | - | 4 | 4 | - | 25 | - |
| 20 | Foynes ... † | 97.8 | +26 | W'S | 4 | b-bc/pr | 49 | 42 | 8 | 8 | 6 | 3 | 3 | 2 | - | 28 | · |
| | Valentia ... † | 99.6 | +24 | SW'W | 3 | bc | 48 | 44 | 8 | 8 | 6 | 8 | 4 | 3 | - | 26 | · |
| | Roches Point † | 98.9 | +26 | W | 4 | bc | 47 | 43 | 8 | 3 | - | 3 | 4 | 3 | - | 15 | · |

## OBSERVATIONS at 18h. G.M.T. 2nd February (and 21 h)

| 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) | 21 h State of Ground ‡ 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 03.7 | +28 | WSW | 4 | zo | 46 | 43 | 5 | 5 | 3 | - | 4 | 5 | 4 | 15 | - | 1 |
| Croydon | 04.2 | +28 | SW | 3 | c-bc | 45 | 41 | 6 | 5 | - | · | 5 | 5 | - | 20 | - | 1 |
| Boscombe Down | 04.3 | +22 | SW | 4 | bc | 45 | 41 | 7 | 8 | 6 | 1 | 4 | 3 | 4 | 15 | 25 | 1 |
| Thorney Island | 05.7 | +22 | SW'W | 4 | zo | 46 | 43 | 6 | 5 | 4 | 5 | 4 | 3 | 2 | 15 | - | 1 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 05.3 | +34 | WSW | 4 | zo | 45 | 43 | 6 | 5 | - | · | 7 | 7 | - | 11 | - | 1 |
| Manston | 04.3 | +36 | SW | 5 | c | 47 | 43 | 7 | 4 | 7 | · | 7 | 4 | 7 | 15 | - | 1 |
| North Weald | 03.2 | +28 | SW | 4 | zo | 45 | 39 | 6 | 5 | - | - | 3 | 3 | - | 18 | - | 1 |
| Felixstowe | 01.8 | +36 | SW | 4 | c | 44 | 38 | 6 | 5 | - | 2 | 6 | 4 | 4 | 10 | - | 1 |
| Gorleston | 00.9 | +36 | W | 3 | b-bc | 46 | 43 | 6 | 6 | · | · | 3 | 3 | - | 20 | · | 1 |
| Mildenhall | 01.3 | +44 | SW'W | 3 | b | 44 | 39 | 7 | 5 | - | · | 1 | 1 | - | 20 | · | 0 |
| Bircham Newton | 99.7 | +54 | WSW | 4 | c | 44 | 39 | 7 | 5 | 4 | - | 8 | 3 | 2 | 20 | - | 1 |
| Cranwell | 99.6 | +34 | WSW | 5 | zo | 44 | 39 | 6 | 4 | - | · | 3 | 3 | · | 30 | · | 1 |
| Cranfield | 01.8 | +34 | WNW | 4 | b | 44 | 41 | 7 | 4 | - | · | 2 | 2 | - | 25 | · | 1 |
| Honiley | 00.9 | +28 | WSW | 4 | b | 43 | 38 | 8 | 4 | - | · | 2 | 2 | - | 25 | - | 1 |
| Little Rissington | 01.8 | +32 | SW | 4 | b-bc/pr | 43 | 41 | 7 | 5 | - | · | 3 | 3 | - | 15 | · | 1 |
| Shobden | 01.9 | +28 | SW | 3 | c/pr | 45 | 41 | 8 | 8 | 3 | · | 6 | 5 | 3 | 18 | · | 1 |
| Bristol | 03.0 | +24 | SSW | 3 | zo | 47 | 41 | 6 | 5 | · | · | 7 | 7 | - | 25 | · | 1 |
| Chivenor | 03.3 | +24 | WSW | 3 | zo | 46 | 42 | 6 | - | 4 | 2 | 4 | 4 | 3 | - | · | 1 |
| Yeovilton | 04.4 | +22 | SWW | 2 | zo | 45 | 41 | 6 | 8 | 6 | 2 | 4 | 2 | 3 | 20 | 25 | 0 |
| Portland Bill | 05.5 | +22 | S | 5 | c | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| Exeter | 04.6 | +20 | SW | 2 | c/p | 46 | 42 | 6 | 5 | - | 6 | 6 | 5 | 3 | 10 | · | 1 |
| Plymouth | 05.5 | +10 | WSW | 2 | ir | 45 | 41 | 6 | 5 | - | · | 8 | 8 | - | 8 | - | 1 |
| St. Eval | 05.5 | +14 | S | 2 | c/r | 45 | 41 | 7 | 8 | 2 | - | 8 | 4 | 5 | 10 | 25 | 1 |
| The Lizard | 04.6 | +8 | W'N | 3 | rr | 45 | 43 | 6 | 5 | - | · | 8 | 8 | - | 10 | · | 1 |
| Scilly, St. Marys | 04.4 | +24 | NW | 4 | roro | 45 | 45 | 7 | 8 | - | - | 8 | 8 | - | 12 | - | 1 |
| Fairwood | 03.0 | +26 | NW'W | 5 | bc | 45 | 43 | 7 | 5 | 3 | - | 4 | 4 | 3 | 20 | - | 1 |
| Pembroke | 02.3 | +24 | SW'W | 5 | bc | 46 | 44 | 7 | 5 | · | - | 4 | 4 | - | 25 | - | 1 |
| Aberporth | 02.2 | +28 | WSW | 4 | c | 45 | 43 | 8 | 5 | · | - | 6 | 6 | - | 28 | · | 1 |
| Penrhos | 00.7 | +28 | SW | 4 | c | 46 | 43 | 8 | 8 | 3 | - | 7 | 4 | 5 | 20 | 40 | 1 |
| Holyhead, Valley | 00.7 | +38 | W'S | 4 | c | 45 | 40 | 8 | 8 | 6 | - | 6 | 5 | 3 | 25 | - | 2 |
| Hawarden | 99.5 | +24 | W | 4 | c-bc/pr | 46 | 42 | 8 | 8 | 6 | - | 5 | 5 | 5 | 20 | - | 2 |
| Manchester | 99.1 | +30 | WSW | 3 | pr | 44 | 40 | 7 | 4 | 6 | · | 6 | 5 | 5 | 17 | · | 1 |
| Squires Gate | 98.0 | +18 | WS | 4 | c | 42 | 39 | 7 | 8 | - | · | 7 | 4 | 5 | 20 | 40 | 1 |
| Silloth | 95.8 | +28 | SW | 3 | pr | 41 | 39 | 7 | 8 | - | · | 7 | 4 | 7 | 18 | 25 | 1 |
| Ashbourne | 00.0 | +34 | WSW | 4 | zo | 41 | 38 | 6 | 4 | - | · | 3 | 3 | - | 25 | - | 1 |
| Snaith | 98.3 | +40 | WSW | 3 | zo | 44 | 41 | 6 | 5 | · | · | 6 | 5 | 6 | 20 | 40 | 1 |
| Spurn Head | 90.2 | +90 | SW'S | 5 | c | 43 | 38 | 7 | 7 | - | 1 | 7 | 7 | - | 15 | - | 1 |
| Leeming | 96.3 | +36 | W | 3 | c | 43 | 39 | 8 | 5 | 7 | - | 7 | 5 | 3 | 18 | · | 1 |
| Tynemouth | 96.1 | +30 | W | 2 | zo | 42 | 38 | 5 | 2 | - | · | 4 | 4 | - | 15 | · | 1 |
| Acklington | 95.7 | +48 | N | 5 | c/pr | 38 | 35 | 7 | 8 | 6 | - | 7 | 5 | 6 | 8 | 25 | 1 |
| St. Abb's Head | 95.4 | +58 | NNW | 4 | ir | 38 | 33 | 7 | 5 | - | · | 7 | 4 | 4 | 15 | 25 | 1 |
| Leuchars | 96.3 | +52 | NNW | 4 | c-bc | 39 | 29 | 7 | 5 | - | · | 5 | 5 | - | 45 | - | 4 |
| Montrose | 95.0 | +42 | NNW | 4 | bc | 37 | 31 | 8 | 4 | 6 | - | 4 | 3 | 4 | 25 | - | 6.1 |
| Abbotsinch | 98.2 | +62 | NNW | 1 | c-bc | 40 | 35 | 7 | 5 | - | · | 5 | 4 | 5 | 15 | 25 | 2 |
| Prestwick | 96.4 | +42 | N | 3 | c/r | 43 | 40 | 6 | 5 | 7 | · | 7 | 2 | 5 | 12 | 15 | 1 |
| West Freugh | 97.1 | +40 | NNW | 6 | bc | 41 | 38 | 8 | 8 | · | · | 4 | 4 | 4 | 20 | 40 | 1 |
| Eskdalemuir | 94.9 | +34 | WNW | 2 | c-bc | 38 | 35 | 7 | 5 | 3 | · | 5 | 5 | 2 | 11 | - | 1 |
| Jurby, I. of Man | 97.7 | +42 | WNW | 6 | pr | 43 | 39 | 8 | 8 | - | · | 7 | 2 | 3 | 12 | 25 | 1 |
| Machrihanish | 98.2 | +66 | NW'N | 6 | bc | 41 | 35 | 8 | 8 | - | · | 4 | 3 | 4 | 15 | 25 | 1 |
| Tiree | 02.0 | +66 | N | 6 | b-bc | 40 | 31 | 9 | 2 | - | - | 3 | 3 | - | 30 | - | 1 |
| Oban | 00.3 | +18 | NNE | 2 | b-bc | 38 | 33 | 9 | 4 | 6 | · | 3 | 3 | 2 | 10 | - | 4 |
| Stornoway | 01.2 | +40 | NNW | 3 | b-bc | 35 | 32 | 8 | 8 | - | · | 3 | 3 | - | 12 | - | 2 |
| Cape Wrath | 98.8 | +40 | NE | 4 | ph | 37 | 30 | 8 | 8 | 7 | · | 5 | 4 | - | 15 | - | 1 |
| Dalwhinnie | 99.0 | +44 | NNE | 3 | c-bc | 33 | 27 | 7 | 8 | - | · | 5 | 5 | - | 23 | - | 8 |
| Aberdeen | 99.4 | +38 | NW'W | 2 | bc | 36 | 30 | 8 | 5 | 4 | - | 4 | 1 | 4 | 15 | 40 | 6.2 |
| Fraserburgh | 94.6 | +60 | NNW | 5 | pr | 37 | 35 | 7 | 8 | - | - | 4 | 4 | 2 | 10 | · | 2 |
| Alness | 99.3 | +52 | N | 3 | c-bc | 37 | 29 | 8 | 5 | · | · | 5 | 5 | · | 25 | - | 8.4 |
| Wick | 96.6 | +52 | NNW | 5 | bc/ph | 36 | 31 | 8 | 9 | 6 | - | 4 | · | 4 | 10 | 15 | 4 |
| Hatston | 97.0 | +56 | N | 7 | b-bc | 38 | 31 | 7 | 8 | - | · | 3 | 3 | 3 | 15 | 25 | 4* |
| Sumburgh | 94.6 | +48 | NE'N | 7 | c/rs | 36 | 28 | 7 | 5 | 7 | - | 7 | 4 | 7 | 10 | · | 4 |
| Sullom Voe | 96.7 | +42 | NNE | 6 | c/ps | 35 | 29 | 7 | 8 | - | - | 7 | 3 | 5 | 15 | 25 | 6.5 |
| Blacksod Point† | 05.9 | +62 | N | 2 | bc | 43 | 36 | 8 | 8 | - | · | 4 | 4 | - | 25 | · | 2 |
| Malin Head † | 01.9 | +62 | N | 5 | bc | 42 | 35 | 8 | 2 | - | · | 4 | 4 | - | 25 | · | 2 |
| Aldergrove | 00.7 | +63 | NWW | 5 | c | 40 | 33 | 7 | 5 | - | · | 7 | 4 | 7 | 12 | 15 | 1 |
| Cas. Archdale | 05.0 | +68 | NNW | 4 | b-bc | 40 | 34 | 8 | 4 | 6 | - | 4 | 4 | 2 | 25 | · | 1 |
| Birr Castle † | 03.4 | +50 | W | 2 | c-bc | 44 | 40 | 7 | 5 | - | · | 5 | 5 | - | 25 | - | 1 |
| Collinstown † | 01.8 | +46 | WN | 4 | c | 44 | 40 | 8 | 8 | · | · | 6 | 6 | - | 33 | · | 2 |
| Foynes † | 05.6 | +46 | WNW | 4 | bc/pr | 45 | 41 | 8 | 4 | 6 | · | 4 | 4 | - | 28 | · | 1 |
| Valentia † | 07.8 | +46 | NW | 3 | bc | 47 | 43 | 8 | 3 | - | · | 4 | 4 | - | 24 | - | 1 |
| Roches Point † | 04.4 | +38 | NW | 3 | b-bc | 46 | 42 | 8 | 3 | - | 3 | 3 | 2 | - | 15 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather 06h.-12h. (34) | Weather 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | idom qid | cz bcmow | 50 | 1.4 | 0.1 |
| Croydon | crorομodocmoro | cmobcmocmo | 50 | 0.6 | 1 |
| Boscombe Down | crorοiroc | ccproebc | 50 | 0.5 | 3 |
| Thorney Island | crocmo | cmobcmo | 50 | * | Tr |
| Friston | | | | | |
| Lympne | cromo | cmo | 48 | 0.7 | 0.2 |
| Manston | crorododomo | c | 51 | 0.5 | 0.2 |
| North Weald | cmorocmo | czccz | 49 | * | Tr |
| Felixstowe | crocmo | cbc | 51 | 0.1 | 0.1 |
| Gorleston | odoдоq | bcq | 49 | 0.3 | 1 |
| Mildenhall | croc | cbcb | 51 | 0.4 | Tr |
| Bircham Newton | ciromo | bc | 50 | 0.0 | 0.3 |
| Cranwell | cirodoromo | cdodomocmo | 49 | 1.5 | 1 |
| Cranfield | cror omoc | cirmocb | 49 | * | 1 |
| Honiley | cirododomo | cb | 49 | 2.8 | 1 |
| Little Rissington | crororoc | bc | 48 | * | 0.3 |
| Shobden | crorocirocpro | cprocpro | 49 | * | 0.3 |
| Bristol | cmododcmo | cmoccmo | 50 | 2.4 | 0.2 |
| Chivenor | crormoc | cbc | 51 | 3.9 | 1 |
| Yeovilton | iroc | cprccpr | 51 | * | Tr |
| Portland Bill | bcc | bc | 47 | * | - |
| Exeter | cidocjp | cb cbbc | 52 | 2.8 | 1 |
| Plymouth | cirocpro | dobcmocir | 52 | 4.4 | 0.6 |
| St. Eval | cprbc≡ | bcrobcbc | 50 | 3.3 | 0.6 |
| The Lizard | cbczo≡ | prcrpp | 50 | 4.2 | 2 |
| Scilly, St. Marys | cbc | broro | 52 | 2.9 | - |
| Fairwood | crormodomf | cbc | 49 | * | 0.5 |
| Pembroke | crocbq | bc | 47 | 4.8 | Tr |
| Aberporth | crorocbc | bbcjpc | 48 | 5.1 | 3 |
| Penrhos | crormocmo | bc | 49 | 4.3 | 1 |
| Holyhead, Valley | crrrorosmoc | bpbcpro | 47 | * | 0.5 |
| Hawarden | crorομο | cbccpro | 52 | 3.7 | 2 |
| Manchester | crodororomo | c | 48 | | 2 |
| Squires Gate | crrmo | cmoc | 45 | * | 3 |
| Silloth | crorοccmo | cpromocpro | 46 | * | 1 |
| Ashbourne | orroidomo | crormocmocz | 49 | * | 3 |
| Snaith | crorom | crorocmo | 47 | | 2 |
| Spurn Head | emododo | cmo | 47 | 0.4 | 2 |
| Leeming | crorofimo | c | 48 | 0.3 | 7 |
| Tynemouth | oirff | bcmo | 45 | * | 1 |
| Acklington | croro | cbc | 44 | * | 1 |
| St. Abb's Head | crc | ccirоro | 45 | * | 1 |
| Leuchars | bccmo | bcmoc | 44 | 1.3 | - |
| Montrose | bccbcmo | c | 41 | | - |
| Abbotsinch | cpromo | c | 44 | 0.5 | 0.3 |
| Prestwick | cmopoc | bccir | 44 | * | Tr |
| West Freugh | cmocbcc | bcpcproc | 46 | * | 0.2 |
| Eskdalemuir | oirmocmoof | ofpromo | 47 | 0.6 | 0.4 |
| Jurby, I. of Man | crrmocc | ccproc | 45 | * | 0.2 |
| Machrihanish | ccrcpr | prbcc | 45 | * | Tr |
| Tiree | bccfrpro | bbcb | 43 | 4.3 | 0.2 |
| Oban | promocjp | procbc | 44 | * | * |
| Stornoway | cprooph | cjpbc | 41 | 3.3 | 0.5 |
| Cape Wrath | cprocbc | bccpho | 39 | * | 2 |
| Dalwhinnie | ciso | oisc | 40 | 0.5 | 1 |
| Aberdeen | cmobc | bccbbc | 40 | 3.0 | - |
| Fraserburgh | c | ccpro | 40 | * | 0.5 |
| Alness | cprospro c | cprocdc | 37 | 0.4 | 0.1 |
| Wick | c | cbccphoro | 38 | * | 0.3 |
| Hatston | cdd | ddprbc | 39 | * | 0.5 |
| Sumburgh | orsmo | rosomoc | 38 | 0.0 | 2 |
| Sullom Voe | crsmorsmo | cpos | 38 | * | 4 |
| Blacksod Point† | bc | bc | 47 | * | 2 |
| Malin Head † | T | bc | 45 | 1.0 | 0.2 |
| Aldergrove | cmbcfmoprc | eproc | 48 | 0.3 | 1 |
| Cas. Archdale | c | cprobc | 46 | * | Tr |
| Birr Castle † | c | pr | 50 | 4.0 | 0.1 |
| Collinstown † | d | pr | 47 | 3.1 | 2 |
| Foynes † | pr | pr | 50 | 4.1 | 1 |
| Valentia † | bc | pr | 49 | 4.9 | 0.6 |
| Roches Point † | bc | pr | 50 | * | 0.1 |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

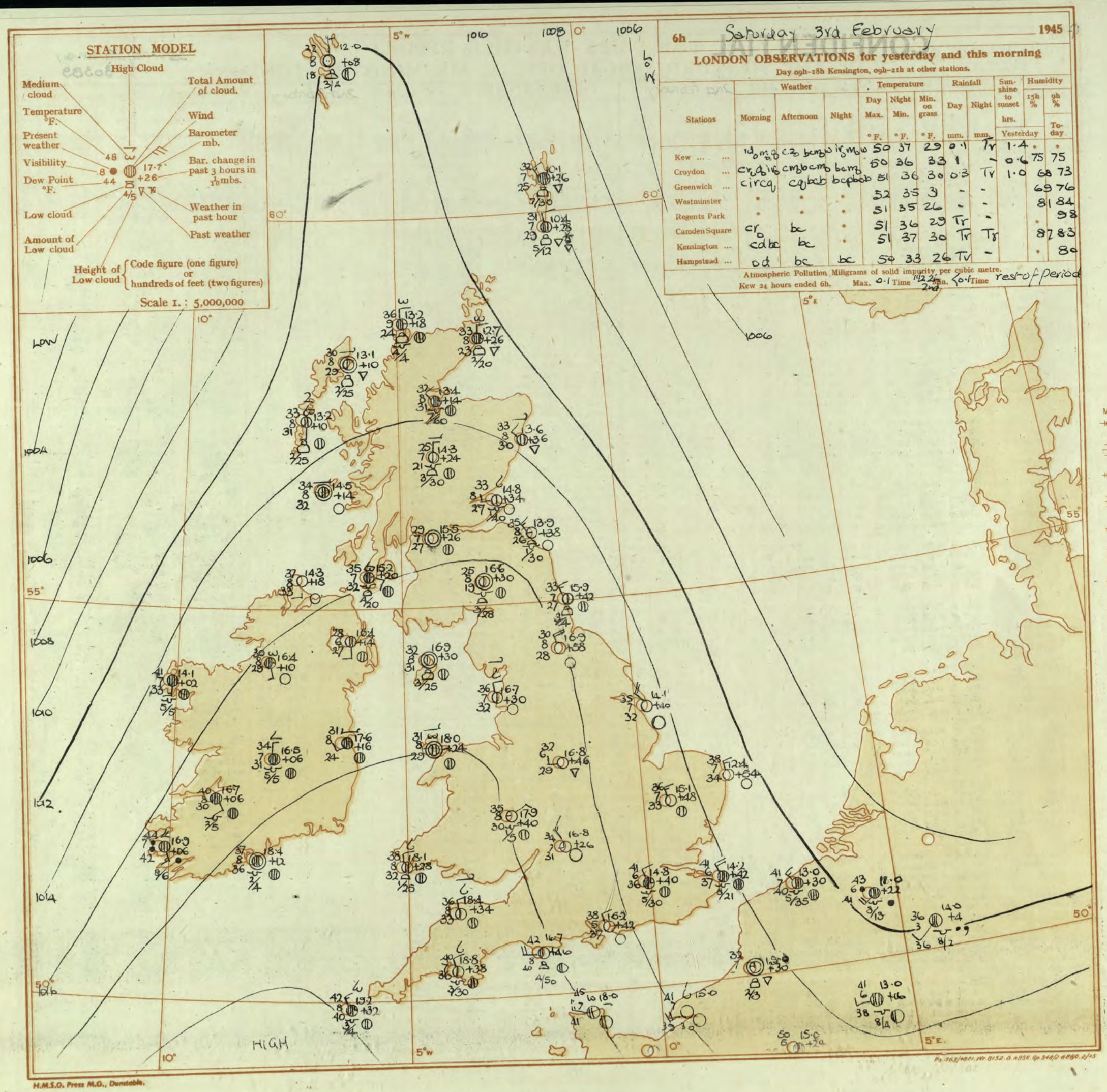
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

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. ‡ See footnote p. 4.

* Information not usually received.

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




6h Saturday 3rd February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | 1d 0m 8 0 | c 3 bc m 3 w | i 3 m 3 w | 50 | 37 | 29 | 0·1 | Tr | 1·4 | • | • |
| Croydon ... | cr 3 d 1 r 3 | cm 3 bc m 0 | bc m 3 | 50 | 36 | 33 | 1 | – | 0·6 | 75 | 75 |
| Greenwich ... | circ q | cq bcb | bc pbcb | 51 | 36 | 30 | 0·3 | Tr | 1·0 | 68 | 73 |
| Westminster | • | • | • | 52 | 35 | 3 | – | – | | 69 | 76 |
| Regents Park | • | • | • | 51 | 35 | 26 | – | – | | 81 | 84 |
| Camden Square | cr 0 | bc | • | 51 | 36 | 29 | Tr | – | | • | 98 |
| Kensington ... | cd bc | bc | • | 51 | 37 | 30 | Tr | Tr | | 87 | 83 |
| Hampstead ... | o d | bc | bc | 50 | 33 | 26 | Tr | – | | • | 80 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·1 Time 1/12 2/2 2nd Min. 0·1 Time rest of period

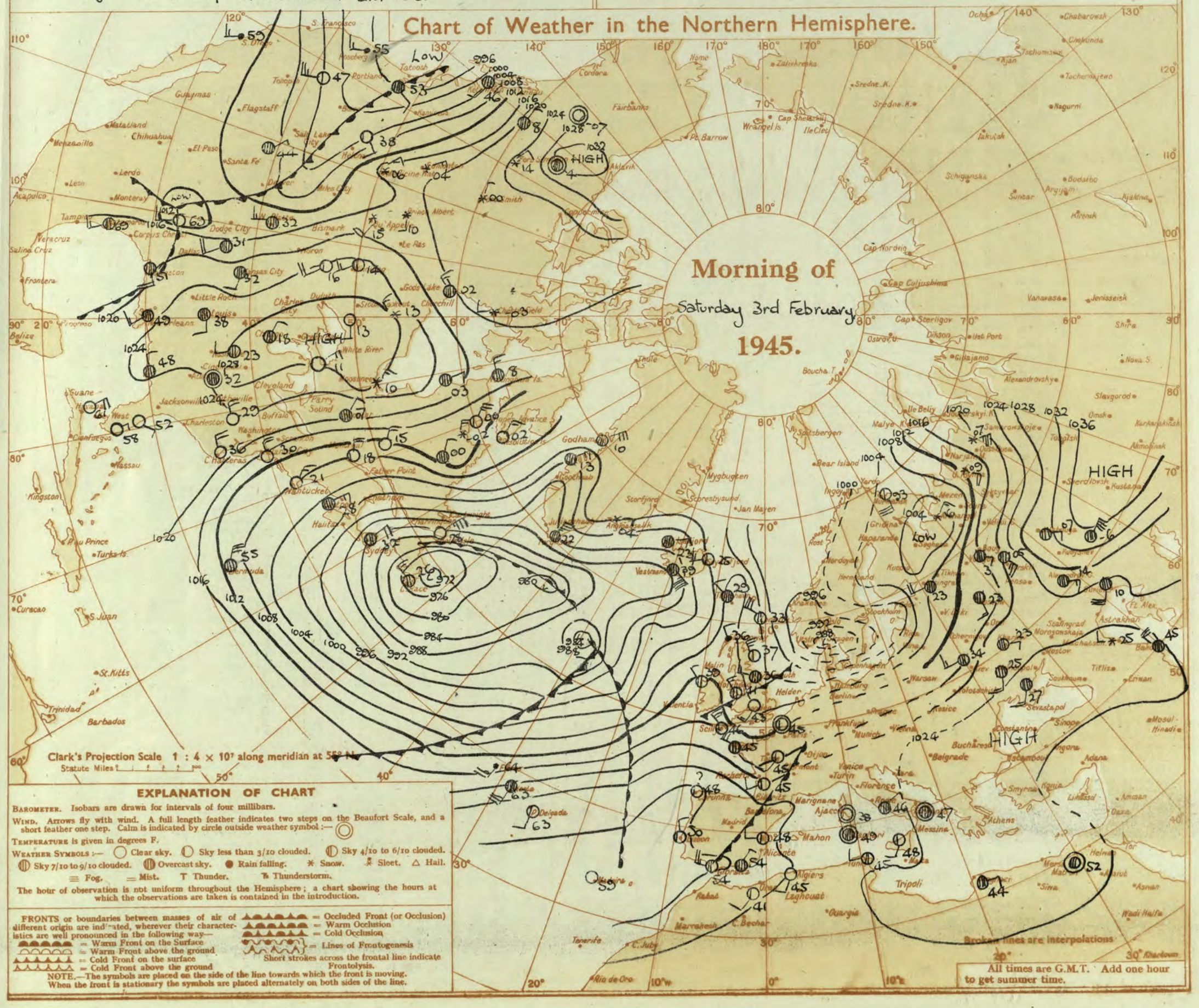
H.M.S.O. Press M.O., Dunstable.

## GENERAL INFERENCE

A wedge of high pressure is moving east over Gt. Britain and a depression on the Atlantic is moving Northeast. The high pressure area in Southern Europe is intensifying. Warm front rain will spread east-north-east over the British Isles today reaching the East English coast by midnight. There will be bright intervals tomorrow in Scotland and Ireland but there will be warm air at first over most of England with only a slow southeast movement of the cold front. A southwest gale will develop in Northwest districts.

## FURTHER OUTLOOK

A mild unsettled southwest type for some days.




## 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.

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.

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 3rd February 1945

No. 30389

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

| 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 | * | * | * | * | * | 43 | * | * | * | * | * | * | * | * | * | * |
| | Croydon ... | 217 | 08·4 | +20 | SW | 3 | N | 43 | 40 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Boscombe Down | 417 | 08·9 | +24 | SW | 2 | b | 41 | 39 | 7 | 5 | – | – | 1 | 1 | – | 25 | – |
| | Thorney Island | 10 | 09·0 | +16 | WS | 2 | N | 43 | 41 | 8 | 5 | 3 | 8 | 2 | 1 | 1 | 30 | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 08·7 | +16 | WSW | 2 | N | 41 | 40 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Manston ... | 140 | 07·7 | +16 | SWW | 3 | N | 42 | 41 | 6 | – | 7 | – | 3 | 3 | – | 90 | – |
| 2 | North Weald | 244 | 07·3 | +18 | WSW | 4 | N | 42 | 40 | 5 | – | 4 | – | 1 | 1 | – | 80 | – |
| | Felixstowe ... | 10 | 06·5 | +22 | SW | 2 | N | 40 | 39 | 6 | 5 | – | – | 3 | 3 | – | 40 | – |
| | Gorleston ... | 5 | 04·5 | +2 | WSW | 2 | N | 43 | 40 | 6 | 5 | – | – | 5 | 5 | – | 18 | – |
| | Mildenhall | 15 | 06·0 | +26 | SW'W | 4 | bbc | 42 | 40 | 7 | 5 | – | – | 3 | 3 | – | 40 | – |
| | Bircham Newton | 221 | 04·6 | +22 | WSW | 4 | bbc | 43 | 40 | 7 | 5 | – | – | 5 | 5 | – | 43 | – |
| | Cranwell ... | 203 | 04·9 | +26 | WS | 5 | bspr | 43 | 39 | 6 | 2 | 6 | – | 4 | 3 | 3 | 20 | – |
| 3 | Cranfield ... | 340 | 06·6 | +26 | W | 3 | bbc | 42 | 39 | 7 | 5 | – | – | 3 | 3 | 1 | 25 | – |
| | Honiley ... | 427 | 06·0 | +16 | WSW | 4 | pr | 44 | 39 | 7 | 3 | – | – | 7 | 7 | – | 17 | – |
| 4 | Little Rissington | 731 | 07·9 | +26 | WSW | 3 | N | 40 | 39 | 6 | 5 | – | – | 4 | 4 | – | 25 | – |
| | Shobden ... | 318 | 08·7 | +44 | W | 3 | bc | 43 | 38 | 8 | 4 | – | – | 4 | 4 | – | 25 | – |
| 5 | Bristol ... | 209 | 09·3 | +30 | W | 3 | N | 42 | 41 | 6 | 5 | – | 1 | 2 | 2 | 1 | 35 | – |
| | Chivenor ... | 20 | 10·7 | +34 | NW | 3 | N | 42 | 40 | 6 | 5 | – | – | 4 | 3 | 4 | 25 | 57 |
| | Yeovilton | 50 | 08·6 | +26 | SW | 1 | N | 42 | 40 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Portland Bill | 32 | 09·4 | +28 | SW | 4 | cbc | 44 | 43 | 8 | 5 | – | – | 5 | 5 | – | 50 | – |
| | Exeter ... | 100 | 10·1 | +28 | NW | 3 | b | 42 | 40 | 7 | – | 4 | – | 1 | 1 | – | – | – |
| | Plymouth ... | 86 | 11·9 | +34 | NNW | 2 | N | 43 | 41 | 6 | 5 | 4 | – | 3 | 3 | 2 | 30 | – |
| | St. Eval ... | 345 | 13·0 | +44 | NNW | 4 | bc | 49 | 42 | 7 | – | 7 | 5 | 4 | 4 | – | – | – |
| | The Lizard | 240 | 11·6 | +34 | NW | 4 | bbc | 46 | 42 | 7 | 4 | – | – | 3 | 3 | – | 25 | – |
| | Scilly, St. Marys | 163 | 13·1 | +42 | NW | 5 | b | 46 | 45 | 8 | 8 | – | – | 2 | 2 | – | 15 | – |
| 6 | Fairwood ... | 268 | 10·9 | +50 | NW | 2 | bc | 41 | 36 | 7 | 5 | – | – | 4 | 2 | 3 | 25 | 40 |
| | Pembroke ... | 142 | 11·4 | +54 | NW | 4 | cbc | 44 | 34 | 8 | 8 | – | – | 5 | 5 | – | 21 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 09·7 | +44 | N | 4 | bbc | 41 | 36 | 7 | 8 | – | – | 3 | 3 | – | 25 | – |
| | Holyhead, Valley | 32 | 10·7 | +50 | NNW | 3 | bc | 41 | 35 | 8 | 2 | 4 | – | 4 | 3 | 2 | 20 | – |
| | Hawarden | 15 | 08·6 | +52 | NW | 6 | c | 40 | 37 | 7 | 8 | – | – | 7 | 7 | – | 20 | – |
| 8 | Manchester | 230 | 06·6 | +46 | WNW | 3 | c/pr | 40 | 37 | 6 | 9 | – | – | 8 | 5 | 8 | 7 | 15 |
| | Squires Gate | 30 | 07·6 | +56 | NW | 3 | bbc | 39 | 34 | 7 | 4 | – | – | 3 | 3 | – | 30 | – |
| | Silloth ... | 25 | 08·5 | +60 | NNW | 3 | b | 30 | 28 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Ashbourne ... | 590 | 07·0 | +46 | W | 5 | pr | 39 | 35 | 6 | 5 | – | – | 8 | 5 | 8 | 12 | 15 |
| 9 | Snaith ... | 30 | 06·0 | +50 | NNW | 4 | c/pr | 38 | 35 | 6 | 2 | – | – | 7 | 3 | 7 | 20 | 40 |
| 10 | Spurn Head | 29 | 03·8 | +36 | W | 5 | ir | 41 | 34 | 6 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Leeming | 105 | 06·3 | +70 | NW | 3 | bbc/pr | 36 | 32 | 7 | 4 | – | – | 3 | 3 | – | 57 | – |
| | Tynemouth | 108 | 06·8 | +48 | NNW | 3 | cbc | 36 | 29 | 6 | 2 | – | – | 5 | 5 | – | 15 | – |
| | Acklington | 138 | 05·8 | +52 | NW | 5 | b | 36 | 28 | 7 | 5 | – | – | 2 | 2 | – | 25 | – |
| 11 | St. Abb's Head | 280 | 05·5 | +52 | WNW | 4 | b | 36 | 27 | 8 | 4 | – | – | 1 | 1 | – | 25 | – |
| | Leuchars ... | 31 | 07·4 | +56 | NNW | 2 | b | 35 | 27 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Montrose ... | 22 | 06·8 | +52 | W | 3 | b | 35 | 32 | 8 | – | 4 | – | 2 | 2 | – | – | – |
| 12 | Abbotsinch | 19 | 09·0 | +32 | – | 0 | b | 31 | 28 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Prestwick ... | 30 | 09·1 | +46 | – | 0 | N | 30 | 28 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | West Freugh | 53 | 09·1 | +50 | NNE | 3 | b | 35 | 31 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 09·8 | +56 | NNW | 3 | b | 40 | 32 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| 13A | Machrihanish | 35 | 09·7 | +44 | NW | 1 | b | 35 | 32 | 7 | 5 | – | – | 2 | 2 | – | 25 | – |
| | Tiree ... | 44 | 10·1 | +34 | – | 0 | b | 36 | 32 | 8 | 1 | – | – | 2 | 2 | – | 30 | – |
| | Oban ... | 74 | 10·0 | +44 | NW | 3 | b | 37 | 32 | 8 | 5 | – | – | 2 | 2 | – | 20 | – |
| 13B | Stornoway ... | 12 | 09·4 | +38 | NNW | 3 | pr | 36 | 33 | 6 | 3 | – | – | 7 | 4 | 7 | 10 | 25 |
| | Cape Wrath | 367 | 08·1 | +42 | NE | 4 | phr | 36 | 27 | 8 | 8 | 7 | – | 7 | 4 | – | 15 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen ... | 79 | 05·5 | +54 | NNW | 5 | bbc | 37 | 33 | 7 | 3 | – | – | 3 | 3 | – | 25 | – |
| | Fraserburgh | 76 | 08·9 | +48 | NE | 1 | phr | 34 | 31 | 7 | 2 | – | – | 6 | 6 | – | 15 | – |
| | Alness ... | 63 | 06·5 | +40 | NNW | 5 | bs | 36 | 28 | 8 | 2 | 3 | – | 4 | 3 | 4 | 15 | – |
| | Wick ... | 114 | 06·3 | +46 | N | 4 | bc/pr | 36 | 30 | 8 | 8 | – | – | 5 | 3 | 5 | 20 | 40 |
| 16 | Hatston ... | 45 | | | | | | | | | | | | | | | | |
| | Sumburgh ... | 15 | 04·4 | +42 | N | 3 | bbc | 32 | 29 | 8 | 2 | – | – | 3 | 3 | – | 20 | – |
| | Sullom Voe | 12 | 04·9 | +40 | NW | 6 | bc | 33 | 30 | 7 | 3 | – | – | 4 | 4 | – | 25 | – |
| 17 | Blacksod Point † | 18 | 13·3 | +38 | NW'N | 1 | bc | 37 | 33 | 8 | 5 | – | – | 4 | 4 | – | 25 | – |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 11·0 | +44 | WSW | 1 | b | 32 | 29 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Cas. Archdale | 240 | 12·3 | +30 | NW | 2 | bbc | 35 | 32 | 8 | 5 | – | – | 3 | 2 | – | 20 | – |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 12·9 | +46 | WS | 3 | b | 34 | 30 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| 20 | Foynes ... † | 3 | 14·8 | +36 | NW'W | 2 | b | 38 | 34 | 8 | 5 | – | – | 1 | 1 | – | 29 | – |
| | Valentia ... † | 30 | 14·9 | +32 | ENE | 1 | b | 39 | 37 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Roches Point † | 22 | 14·8 | +54 | NNW | 4 | b | 43 | 39 | 8 | 5 | – | – | 2 | 2 | – | 25 | – |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0790.

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

| 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) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16·0 | +44 | NNW | 2 | 2 | 41 | 36 | 6 | 7 | 3 | – | 5 | 4 | 5 | 25 | – | 1 |
| | Croydon ... | 14·8 | +40 | NW | 2 | 2 | 41 | 36 | 6 | 5 | 3 | – | 7 | 5 | 3 | 30 | – | |
| | Boscombe Down | 17·0 | +46 | NW'N | 4 | b | 35 | 32 | 7 | – | – | – | 0 | 0 | 0 | – | – | |
| | Thorney Island | 16·2 | +42 | NW'W | 2 | 2 | 38 | 37 | 5 | – | – | – | 0 | – | 0 | – | – | 0 |
| | Friston ... | | | | | | | | | | | | | | | | | |
| | Lympne ... | 14·7 | +38 | NW'N | 3 | 2 | 40 | 37 | 6 | 2 | 3 | – | 5 | 4 | 5 | 14 | – | 1 |
| | Manston ... | 14·2 | +42 | NW | 4 | 2 | 41 | 37 | 6 | 5 | – | – | 8 | 8 | – | 21 | – | 1 |
| 2 | North Weald | 15·6 | +54 | NW'N | 4 | 2 | 39 | 36 | 6 | 5 | – | – | 7 | 7 | – | 19 | – | 1 |
| | Felixstowe ... | 14·1 | +52 | NNW | 5 | 2 | 39 | 36 | 6 | 5 | – | – | 3 | 3 | – | 45 | – | 1 |
| | Gorleston ... | 12·4 | +54 | NW'N | 3 | b | 38 | 34 | 7 | – | – | – | 0 | 0 | 0 | – | – | 1 |
| | Mildenhall | 15·1 | +58 | NW | 3 | b | 36 | 33 | 7 | – | – | – | 0 | 0 | 0 | – | – | 3 |
| | Bircham Newton | 14·5 | +52 | WNW | 3 | b | 34 | 30 | 7 | – | – | – | 0 | 0 | 0 | – | – | 1 |
| | Cranwell ... | 16·5 | +46 | NW'W | 3 | 2 | 35 | 30 | 6 | – | – | – | 0 | 0 | 0 | – | – | |
| 3 | Cranfield ... | 16·1 | +48 | NW | 3 | b | 37 | 30 | 7 | 4 | – | – | 1 | 1 | – | 20 | – | 1 |
| | Honiley ... | 16·9 | +52 | NW | 2 | b | 34 | 31 | 7 | – | 4 | – | 1 | 1 | – | – | – | |
| 4 | Little Rissington | 16·8 | +46 | NW | 3 | b | 34 | 31 | 7 | 5 | – | – | 2 | 2 | – | 30 | – | 1 |
| | Shobden ... | 17·9 | +40 | NE | 2 | b | 35 | 30 | 8 | 5 | – | – | 1 | 1 | – | 25 | – | 1 |
| 5 | Bristol ... | 17·8 | +40 | W'S | 1 | 2 | 33 | 31 | 6 | – | – | – | 0 | 0 | 0 | – | – | 1 |
| | Chivenor ... | 18·4 | +34 | NNW | 2 | bbc | 36 | 33 | 8 | – | 4 | 1 | 3 | 1 | 3 | – | – | 1 |
| | Yeovilton | 17·1 | +42 | W | 3 | 2 | 36 | 34 | 6 | – | – | – | 0 | 0 | 0 | – | – | 0 |
| | Portland Bill | 16·7 | +46 | W | 4 | bc | 42 | 40 | 8 | 2 | – | – | 4 | 4 | – | 50 | – | 1 |
| | Exeter ... | 18·2 | +46 | NW | 3 | bbc | 36 | 33 | 8 | – | 4 | 6 | 3 | 2 | 2 | – | – | 1 |
| | Plymouth ... | 18·8 | +38 | NW | 2 | bbc | 40 | 36 | 7 | 5 | 4 | – | 3 | 3 | 2 | 30 | – | 1 |
| | St. Eval ... | 19·2 | +30 | N | 2 | 2 | 40 | 37 | 6 | 5 | 7 | – | 3 | 2 | 3 | 25 | – | 1 |
| | The Lizard | 17·9 | +26 | NNW | 3 | bc | 44 | 42 | 7 | 2 | 4 | – | 4 | 3 | 3 | 25 | 40 | |
| | Scilly, St. Marys | 11·6 | +32 | NW | 3 | c | 42 | 40 | 8 | 5 | 5 | – | 7 | 3 | 5 | 15 | – | 1 |
| 6 | Fairwood ... | 18·3 | +40 | W | 2 | b | 35 | 31 | 7 | – | 4 | – | 2 | 2 | – | 80 | – | 0 |
| | Pembroke ... | 18·1 | +28 | N'W | 2 | bc | 38 | 32 | 8 | 1 | 4 | – | 4 | 1 | 4 | 25 | 72 | |
| | Aberporth ... | 18·0 | +26 | NNE | 1 | b | 37 | 34 | 8 | 5 | – | 5 | 1 | 1 | 1 | 25 | – | |
| 7 | Penrhos ... | 17·6 | +30 | E | 1 | b | 34 | 32 | 6 | – | – | 1 | 2 | 2 | – | – | – | 0 |
| | Holyhead, Valley | 18·0 | +24 | – | 0 | bc | 31 | 29 | 8 | – | 3 | 5 | 4 | 3 | 4 | 80 | – | 3 |
| | Hawarden | 17·1 | +32 | N | 2 | b | 32 | 32 | 7 | – | – | 1 | 1 | 1 | – | – | – | 1 |
| 8 | Manchester | 16·5 | +18 | SWS | 3 | 2 | 29 | 27 | 6 | – | – | – | 0 | 0 | 0 | – | – | |
| | Squires Gate | 16·7 | +30 | NNW | 2 | bbc | 36 | 32 | 7 | – | 4 | 5 | 3 | 1 | 2 | – | – | 3 |
| | Silloth ... | 16·5 | +34 | S'W | 2 | bbc | 30 | 27 | 8 | – | – | 4 | 3 | 3 | – | – | – | 3 |
| | Ashbourne ... | 16·8 | +46 | W | 2 | 2 | 32 | 29 | 6 | – | – | – | 0 | 0 | 0 | – | – | 3 |
| 9 | Snaith ... | 16·1 | +46 | WNW | 3 | 2 | 32 | 28 | 6 | – | – | – | 0 | 0 | 0 | – | – | 3 |
| 10 | Spurn Head | 14·1 | +40 | NW'W | 4 | b | 35 | 32 | 7 | – | – | – | 0 | 0 | 0 | – | – | 3 |
| | Leeming | 15·6 | +46 | NW'W | 4 | b | 33 | 27 | 8 | – | 4 | – | 1 | 1 | – | – | – | |
| | Tynemouth | 15·9 | +42 | NW | 3 | bbc | 33 | 27 | 7 | 2 | – | – | 3 | 3 | – | 15 | – | 3 |
| | Acklington | 15·2 | +46 | WNW | 3 | b | 33 | 26 | 7 | – | – | 5 | 2 | – | 2 | – | – | 3 |
| 11 | St. Abb's Head | 13·9 | +38 | WNW | 3 | b | 35 | 26 | 8 | 4 | – | – | 1 | 1 | – | 30 | – | 0 |
| | Leuchars ... | 14·8 | +34 | W | 2 | bbc | 33 | 27 | 8 | 5 | 4 | – | 3 | 1 | 2 | 40 | – | 3 |
| | Montrose ... | 14·7 | +30 | – | 0 | cbc | 34 | 34 | 8 | 5 | – | – | 5 | 5 | – | 30 | – | |
| 12 | Abbotsinch | 15·5 | +26 | – | 0 | b | 29 | 27 | 7 | – | – | – | 0 | 0 | 0 | – | – | 3 |
| | Prestwick ... | 16·2 | +26 | – | 0 | 2 | 29 | 27 | 6 | 5 | 4 | – | 3 | 1 | 3 | 10 | 72 | 3 |
| | West Freugh | 15·9 | +24 | – | 0 | bbc | 29 | 26 | 8 | 5 | – | – | 3 | 2 | 2 | 25 | – | 3 |
| | Eskdalemuir | 16·6 | +30 | – | 0 | bbc | 25 | 19 | 8 | 7 | – | – | 3 | 3 | – | 28 | – | 3 |
| | Jurby, I. of Man | 16·9 | +30 | – | 0 | bbc | 32 | 31 | 8 | 2 | – | – | 3 | 3 | – | 25 | – | 0 |
| 13A | Machrihanish | 15·2 | +20 | E'S | 2 | c | 35 | 32 | 7 | 7 | 7 | – | 6 | 2 | 4 | 20 | 40 | 0 |
| | Tiree ... | 14·5 | +14 | – | 0 | bc | 34 | 32 | 8 | – | – | 5 | 4 | 4 | – | – | – | 0 |
| | Oban ... | 15·4 | +22 | – | 0 | bbc | 33 | 30 | 8 | 1 | – | 1 | 3 | 1 | 3 | 25 | – | 4 |
| 13B | Stornoway ... | 13·1 | +10 | – | 0 | bbc | 30 | 29 | 8 | 2 | – | 5 | 3 | 2 | 3 | 25 | – | 5 |
| | Cape Wrath | 13·2 | +18 | N | 2 | c | 36 | 24 | 9 | 8 | 3 | – | 6 | 4 | – | 15 | – | 3 |
| 15 | Dalwhinnie | 14·3 | +24 | N | 1 | bbc | 25 | 21 | 7 | 7 | – | 5 | 3 | 3 | 2 | 30 | – | 8 |
| | Aberdeen ... | 13·6 | +36 | WNW | 2 | bc | 33 | 30 | 8 | 5 | – | 1 | 4 | 4 | – | 40 | – | 8 |
| | Fraserburgh | 12·7 | +30 | NNW | 4 | cbc | 37 | 29 | 7 | 5 | – | – | 5 | 2 | 5 | 25 | 40 | 3 |
| | Alness ... | 13·4 | +14 | WNW | 2 | c | 32 | 31 | 8 | 5 | – | – | 7 | 7 | – | 60 | – | 8 |
| | Wick ... | 12·7 | +26 | N | 2 | c | 33 | 23 | 8 | 2 | 3 | – | 7 | 2 | 7 | 20 | – | 4 |
| 16 | Hatston ... | 11·6 | +22 | WNW | 3 | bc | 33 | 27 | 8 | 3 | 6 | – | 4 | 3 | 4 | 25 | – | 3 |
| | Sumburgh ... | 10·4 | +28 | N'W | 2 | cbc/ps | 31 | 29 | 7 | 2 | – | – | 5 | 5 | – | 12 | – | 4 |
| | Sullom Voe | 10·1 | +26 | WNW | 3 | c | 32 | 25 | 7 | 3 | – | – | 7 | 7 | – | 30 | – | 8 |
| 17 | Blacksod Point † | 14·1 | +2 | S | 3 | cbc | 41 | 33 | 7 | 5 | – | – | 5 | 5 | – | 25 | – | 1 |
| 18 | Malin Head † | 14·3 | +18 | S | 2 | b | 37 | 33 | 8 | – | – | – | 0 | 0 | 0 | – | – | 2 |
| | Aldergrove | 16·4 | +14 | S | 2 | 2 | 28 | 27 | 6 | – | – | 8 | 4 | 4 | 4 | – | – | |
| | Cas. Archdale | 16·4 | +10 | SSE | 1 | c | 30 | 29 | 8 | – | 3 | – | 6 | 6 | – | – | – | 3 |
| 19 | Birr Castle ... † | 16·5 | +6 | N | 1 | c | 34 | 31 | 7 | 5 | 1 | – | 8 | 5 | – | 25 | – | |
| | Collinstown † | 17·6 | +16 | SW | 2 | c | 31 | 27 | 8 | – | – | 7 | 8 | – | – | – | – | 1 |
| 20 | Foynes ... † | 16·7 | +6 | SE | 2 | c | 40 | 28 | 8 | 5 | 2 | – | 8 | 2 | – | 26 | – | 1 |
| | Valentia ... † | 16·5 | +6 | SSE | 3 | ir | 44 | 42 | 7 | 1 | 2 | – | 8 | 8 | – | 32 | – | 1 |
| | Roches Point † | 18·4 | +12 | – | 0 | c | 37 | 36 | 8 | 5 | 1 | – | 8 | 2 | – | 15 | – | 1 |

## OBSERVATIONS during NIGHT

| District | Stations | Weather. 18h.–00h. (39) | Weather. 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Temperature 21h.–09h. Min. on Grass °F. (42) | Rain 21h.–09h. mm. (43) |
|---|---|---|---|---|---|---|
| 1 | Kew ... | ir c, bmo | b, c m o w | 37 | 29 | Tr |
| | Croydon ... | cmobmo | bmocmo | 36 | 33 | – |
| | Boscombe Down | bcbbcb | b | 32 | 26 | 0·1 |
| | Thorney Island | cmocmo | bmo | 35 | 28 | – |
| | Friston ... | | | | | |
| | Lympne ... | bcmow | bcmocmo | 37 | 30 | – |
| | Manston ... | cbmo | bbccmow | 36 | 34 | – |
| 2 | North Weald | bcmobmo | bmobcmo | 32 | 28 | Tr |
| | Felixstowe ... | bmocmo | bcmobmo | 35 | 31 | – |
| | Gorleston ... | bcc2o | c2obc2o | 35 | 29 | – |
| | Mildenhall | bbc | bbcc | 32 | 27 | Tr |
| | Bircham Newton | c ir bmo | cmob | 34 | 28 | Tr |
| | Cranwell ... | bcprobc | cpr.cmobc | 32 | 27 | 0·3 |
| 3 | Cranfield ... | bbcbbc | cpr.cbcb | 33 | 27 | – |
| | Honiley ... | bbcc | c | 32 | 23 | Tr |
| 4 | Little Rissington | b cmobcm | bcmocpr c | 32 | 28 | – |
| | Shobden ... | cprobc | bc | 30 | | Tr |
| 5 | Bristol ... | cmoprbmo | bmopr | 32 | 26 | – |
| | Chivenor ... | bcmo | cmobbc | 34 | 27 | 0·1 |
| | Yeovilton | bc2b | 2bcb | 34 | | – |
| | Portland Bill | c | bc | 39 | | – |
| | Exeter ... | bcmomob | b | 35 | 33 | Tr |
| | Plymouth ... | crrbcmo | bbc | 40 | | – |
| | St. Eval ... | cprobcb | bccb | 37 | 32 | Tr |
| | The Lizard | bc | bcw | 41 | * | Tr |
| | Scilly, St. Marys | bw | bc | 36 | 32 | Tr |
| 6 | Fairwood ... | bc | b | 31 | 26 | – |
| | Pembroke ... | bcc | bc | 37 | * | – |
| | Aberporth ... | * | b | 33 | 26 | Tr |
| 7 | Penrhos ... | cbc | bbw | 30 | 25 | – |
| | Holyhead, Valley | cbc | bcbbc | 29 | 27 | – |
| | Hawarden | bcprobc | cb | 29 | 19 | 0·2 |
| 8 | Manchester | cbcprom | cbmo | 29 | 17 | Tr |
| | Squires Gate | cpromoc | b | 29 | 25 | 1 |
| | Silloth ... | cprobcb | bx | 28 | 15 | 0·1 |
| | Ashbourne ... | bcmopro | cmoprob | 29 | 18 | 0·5 |
| 9 | Snaith ... | cirbmo | bmo | 28 | 22 | 0·1 |
| 10 | Spurn Head | oirmo | b | 34 | 24 | 2 |
| | Leeming | promob | b | 31 | 25 | 2 |
| | Tynemouth | oirmo | bc | 32 | 29 | 0·1 |
| | Acklington | cirmob | b | 30 | 26 | 0·1 |
| 11 | St. Abb's Head | cirbcb | b | 32 | * | – |
| | Leuchars ... | bcb | b | 30 | 24 | – |
| | Montrose ... | bcb | bbc | | | |
| 12 | Abbotsinch | cb | bbcb | 27 | 19 | – |
| | Prestwick ... | irobmo | bmobc | 27 | 24 | – |
| | West Freugh | cbcb | b | 29 | 18 | – |
| | Eskdalemuir | cbc | bcbx | 20 | 16 | – |
| | Jurby, I. of Man | cb | bbc ⊕ | 30 | 23 | – |
| 13A | Machrihanish | bc | bcbbcc | 33 | 28 | – |
| | Tiree ... | b | bxbcx | 31 | 21 | Tr |
| | Oban ... | bbxb | bbc | 31 | * | – |
| 13B | Stornoway ... | bcprob | cprobcx | 29 | 28 | 0·1 |
| | Cape Wrath | cphr | c | 24 | * | 0·2 |
| 15 | Dalwhinnie | * | cbc | 19 | 12 | – |
| | Aberdeen ... | | psobc | 31 | 27 | 0·3 |
| | Fraserburgh | cprobc | bcbbc | 35 | | Tr |
| | Alness ... | bcpso | cpsobc | 26 | 22 | Tr |
| | Wick ... | bcpsobc | cpsobc | 30 | 27 | 0·1 |
| 16 | Hatston ... | bcps | pbccbc | 29 | * | – |
| | Sumburgh ... | cpshbc | cbpshc | 29 | 26 | 0·2 |
| | Sullom Voe | cbcphbc | cphpsoc | 30 | 27 | Tr |
| 17 | Blacksod Point † | bc | c | 36 | * | – |
| 18 | Malin Head † | | b | 32 | * | – |
| | Aldergrove | cbcb | bbmobcx | 28 | 23 | – |
| | Cas. Archdale | bcbbx | b | 29 | 23 | Tr |
| 19 | Birr Castle ... † | * | c | 30 | 25 | – |
| | Collinstown † | b | c | 29 | 26 | 0·1 |
| 20 | Foynes ... † | b | c | 31 | 26 | Tr |
| | Valentia ... † | b | r | 36 | 30 | 2 |
| | Roches Point † | b | c | 37 | * | 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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

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

SUNDAY 4th February 1945

No. 30390.

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

| 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 ... | 23.2 | +22 | - | 0 | 2o | 41 | 33 | 5 | - | - | . | 0 | 0 | - | - | - |
| | Croydon ... | 23.6 | +26 | - | 0 | n | 42 | 31 | 4 | - | - | 2 | 4 | 4 | - | - | . |
| | Boscombe Down | 23.6 | +28 | - | 0 | 2o | 41 | 36 | 6 | - | - | 5 | 4 | 4 | - | - | - |
| | Thorney Island | 23.4 | +26 | SWS | 1 | 2o | 43 | 38 | 6 | - | - | 2 | 2 | 3 | - | 200 | - |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 22.8 | +24 | - | 0 | 2o | 43 | 33 | 6 | 1 | - | 2 | 3 | 2 | 3 | 20 | - |
| | Manston ... | 22.7 | +32 | NW | 2 | b-bc | 39 | 34 | 7 | - | - | 1 | 3 | 3 | - | - | . |
| 2 | North Weald | 22.9 | +22 | - | 0 | b | 45 | 24 | 7 | - | - | 1 | 1 | 1 | - | 250 | - |
| | Felixstowe ... | 22.0 | +30 | N/NW | 3 | 2o | 46 | 40 | 6 | - | - | . | 0 | 0 | - | - | . |
| | Gorleston ... | 21.0 | +66 | NW/N | 2 | 3o | 42 | 28 | 6 | 1 | - | . | 3 | 3 | - | 28 | - |
| | Mildenhall | 22.2 | +24 | W | 1 | b-bc | 43 | 33 | 7 | - | - | 1 | 3 | 3 | - | 200 | - |
| | Bircham Newton | 21.9 | +24 | W | 2 | bc | 40 | 33 | 7 | - | - | 5 | 4 | 4 | - | - | - |
| | Cranwell ... | 21.9 | +22 | W | 2 | 2o | 42 | 30 | 5 | - | - | 6 | 3 | 3 | - | - | - |
| 3 | Cranfield ... | 22.9 | +22 | NW | 1 | 3o | 42 | 32 | 6 | - | - | 2 | 2 | 2 | - | 200 | - |
| | Honiley ... | 22.6 | +20 | S | 3 | 2o | 41 | 30 | 4 | - | - | 1 | 3 | 3 | - | - | - |
| 4 | Little Rissington | 22.1 | +18 | SSW | 3 | 2o | 39 | 33 | 5 | 5 | - | 1 | 4 | 4 | 3 | 20 | - |
| | Shobden ... | 22.4 | +14 | S | 3 | c-bc | 41 | 32 | 7 | - | - | 6 | 5 | 5 | - | - | - |
| 5 | Bristol ... | 23.3 | +20 | SSW | 1 | bc | 43 | 43 | 6 | - | - | 6 | 4 | 4 | - | 0 | - |
| | Chivenor ... | 22.8 | +14 | S | 3 | 2c | 42 | 36 | 8 | - | 7 | 7 | 8 | 4 | 8 | - | - |
| | Yeovilton | 23.6 | +20 | SWS | 2 | c | 43 | 31 | 7 | - | - | 6 | 6 | - | 6 | - | - |
| | Portland Bill | 23.1 | +30 | NW | 4 | c-bc | 45 | 40 | 8 | 2 | - | - | 5 | 5 | - | 50 | - |
| | Exeter ... | 23.5 | +20 | - | 0 | c | 44 | 37 | 7 | - | - | 7 | 8 | 8 | - | - | - |
| | Plymouth ... | 24.1 | +16 | WSW | 1 | 2o | 43 | 38 | 6 | 5 | 4 | 7 | 8 | 3 | 3 | 22 | - |
| | St. Eval ... | 23.1 | +8 | S | 3 | c | 43 | 40 | 7 | 5 | 7 | . | 8 | 3 | 8 | 20 | - |
| | The Lizard | 22.5 | +4 | S | 3 | c | 46 | 44 | 8 | 5 | - | - | 6 | 6 | - | 20 | - |
| | Scilly, St. Marys | 21.5 | 0 | SWS | 3 | c | 48 | 47 | 7 | 5 | - | . | 8 | 8 | - | 17 | - |
| 6 | Fairwood ... | 22.7 | +14 | SSE | 2 | 2o | 41 | 35 | 6 | 5 | 7 | - | 7 | 3 | 7 | 40 | . |
| | Pembroke ... | 20.9 | -2 | SE | 4 | c | 43 | 39 | 7 | 5 | 2 | - | 8 | 4 | 4 | 23 | . |
| | Aberporth ... | 21.0 | +6 | S | 4 | c | 40 | 33 | 9 | - | 7 | - | 7 | 7 | - | - | - |
| 7 | Penrhos ... | 20.6 | +6 | SE | 4 | fg | 39 | 37 | 8 | 5 | 4 | 6 | 7 | 1 | 4 | 15 | - |
| | Holyhead, Valley | 20.5 | +2 | SE | 4 | c | 41 | 35 | 8 | 5 | - | 7 | 8 | 2 | 8 | 25 | - |
| | Hawarden ... | 21.1 | +12 | S | 3 | 2o | 46 | 41 | 6 | - | 4 | 2 | 4 | 2 | 3 | 200 | - |
| 8 | Manchester | 21.0 | +10 | SW | 3 | 2o | 41 | 31 | 5 | - | - | 1 | 3 | 3 | - | 200 | - |
| | Squires Gate | 20.5 | +10 | SW | 2 | m | 39 | 33 | 4 | - | - | 6 | 4 | 4 | - | - | - |
| | Silloth ... | 19.4 | +10 | - | 0 | 2o | 39 | 32 | 6 | - | - | 6 | 5 | - | 5 | - | . |
| 9 | Ashbourne ... | 21.8 | +14 | SSE | 3 | b | 40 | 29 | 8 | - | 4 | 1 | 2 | 1 | 2 | 80 | - |
| | Snaith ... | 21.7 | +16 | WS | 1 | 2o | 43 | 29 | 5 | - | . | 2 | 4 | 4 | . | . | . |
| 10 | Spurn Head | 20.6 | +20 | WN | 3 | 2o | 37 | 36 | 6 | 7 | 4 | . | 4 | 3 | 3 | 25 | - |
| | Leeming | 20.2 | +18 | - | 0 | c-bc | 40 | 27 | 8 | - | - | 5 | 5 | 5 | - | - | - |
| | Tynemouth | 20.5 | +10 | WSW | 2 | 2o | 40 | 30 | 5 | 5 | - | . | 4 | 4 | - | 12 | - |
| | Acklington | 19.5 | +20 | WS | 3 | bc | 41 | 28 | 8 | - | . | 5 | 4 | - | 4 | - | - |
| 11 | St. Abb's Head | 18.1 | +10 | WSW | 2 | b-bc | 36 | 24 | 8 | 1 | 4 | 5 | 3 | 1 | 1 | 30 | - |
| | Leuchars ... | 17.8 | +12 | SW | 2 | 2o | 36 | 28 | 6 | - | - | 6 | 5 | 5 | - | - | - |
| | Montrose ... | 18.0 | +8 | SW | 2 | c | 36 | 28 | 8 | - | - | 6 | 7 | - | 7 | - | - |
| 12 | Abbotsinch | 17.3 | +2 | - | 0 | cf | 34 | 30 | 3 | - | 7 | . | . | 7 | - | 72 | - |
| | Prestwick ... | 17.9 | +4 | SE | 3 | c | 38 | 33 | 8 | 1 | 1 | 6 | 7 | 2 | 3 | 20 | - |
| | West Freugh | 17.8 | +6 | SSE | 3 | c | 40 | 36 | 8 | 5 | 7 | - | 7 | 4 | 4 | 10 | - |
| | Eskdalemuir | 19.0 | +8 | S | 1 | bc | 33 | 28 | 6 | 5 | - | 8 | 4 | 1 | 4 | 25 | - |
| | Jurby, I. of Man | 19.2 | +6 | S | 3 | c | 42 | 34 | 9 | 4 | 7 | 6 | 7 | 3 | 5 | 20 | - |
| 13A | Machrihanish | 16.7 | -4 | SE | 3 | c | 38 | 35 | 8 | 5 | 7 | - | 7 | 4 | 7 | 40 | - |
| | Tiree ... | 19.8 | -10 | SSE | 4 | c | 41 | 34 | 9 | 5 | 7 | . | 8 | 2 | 6 | 30 | 72 |
| | Oban ... | 16.4 | +2 | SE | 2 | c | 38 | 33 | 8 | 8 | 2 | . | 7 | 3 | 4 | 15 | 40 |
| 13B | Stornoway ... | 12.6 | -6 | SSE | 5 | c | 40 | 35 | 8 | 7 | 4 | 6 | 6 | 4 | 5 | 20 | 40 |
| | Cape Wrath | 10.7 | 0 | SE | 2 | c | 37 | 29 | 9 | 8 | 7 | - | 6 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 16.4 | +2 | S | 3 | c | 32 | 27 | 8 | 2 | - | 9 | 8 | 2 | 6 | 24 | - |
| | Aberdeen ... | 16.8 | +6 | SW | 1 | bc | 39 | 28 | 7 | - | - | 6 | 4 | 4 | - | 250 | - |
| | Fraserburgh | 16.8 | +12 | WSW | 3 | bc | 38 | 35 | 8 | 5 | - | 8 | 4 | 3 | 4 | 30 | - |
| | Alness ... | 15.5 | +10 | WNW | 1 | bc | 33 | 30 | 8 | - | 4 | 6 | 4 | 1 | 4 | - | - |
| | Wick ... | 15.6 | +6 | - | 0 | c-bc | 38 | 31 | 8 | 5 | - | 9 | 5 | 1 | 5 | 30 | - |
| 16 | Hatston ... | 15.0 | +8 | SW | 1 | c-bc | 37 | 25 | 8 | 5 | 7 | 8 | 5 | 3 | 4 | 30 | . |
| | Sumburgh ... | 14.1 | +14 | NE | 2 | c | 33 | 25 | 9 | 5 | 2 | - | 7 | 7 | - | 30 | - |
| | Sullom Voe | 14.3 | +16 | - | 0 | c | 33 | 23 | 8 | 5 | - | . | 6 | 6 | - | 25 | - |
| 17 | Blacksod Point† | 07.8 | -38 | SSE | 6 | r0r0 | 44 | 40 | 6 | - | 2 | - | 8 | 4 | - | 8 | - |
| 18 | Malin Head † | 12.1 | -22 | SE | 4 | c | 39 | 33 | 8 | - | 2 | - | 7 | 7 | - | 25 | - |
| | Aldergrove | 16.0 | -12 | SES | 3 | c | 39 | 32 | 7 | - | 7 | 5 | 6 | 5 | 4 | - | 25 |
| | Cas. Archdale | 14.2 | -22 | SE | 4 | c | 35 | 30 | 8 | 5 | 2 | - | 8 | 5 | 8 | 18 | - |
| 19 | Birr Castle ... † | 12.5 | -34 | S | 2 | c | 42 | 39 | 8 | 8 | 2 | - | 8 | 5 | - | 15 | - |
| | Collinstown † | 17.1 | -4 | SSE | 4 | c | 39 | 33 | 8 | 5 | 7 | 6 | 7 | 4 | - | 36 | - |
| 20 | Foynes ... † | 12.1 | -38 | SE | 4 | c | 44 | 42 | 8 | 5 | 7 | - | 8 | 4 | - | 45 | - |
| | Valentia ... † | 10.8 | -36 | SES | 7 | RR | 48 | 46 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Roches Point † | 16.6 | -16 | S | 4 | rr | 44 | 43 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 23.8 | 0 | S | 3 | 2o | 40 | 35 | 5 | - | 1 | 8 | 7 | 4 | 7 | - | - | 1 |
| Croydon ... | 24.3 | 0 | SW | 2 | 2o | 39 | 33 | 5 | - | 7 | 8 | 4 | 4 | 4 | - | - | 1 |
| Boscombe Down | 23.0 | -2 | S | 4 | 2o | 39 | 35 | 6 | 5 | 2 | - | 8 | 3 | 8 | 25 | - | 1 |
| Thorney Island | 24.3 | +4 | SE | 2 | 2o | 40 | 38 | 6 | 5 | 7 | - | 8 | 1 | 8 | 40 | - | 1 |
| Friston ... | | | | | | | | | | | | | | | | | |
| Lympne ... | 25.5 | -2 | S | 1 | 2o | 36 | 33 | 6 | - | 5 | 6 | 6 | 4 | 6 | - | - | 1 |
| Manston ... | 24.8 | +6 | SE | 3 | 2o | 38 | 35 | 5 | - | 7 | 1 | 3 | 3 | 1 | - | - | 1 |
| North Weald | 24.6 | +6 | SSE | 1 | m | 38 | 31 | 4 | - | - | 6 | 4 | 4 | - | - | - | 1 |
| Felixstowe ... | 23.9 | +2 | SE | 4 | 2o | 39 | 37 | 6 | - | - | 2 | 1 | 2 | - | - | - | 0 |
| Gorleston ... | 23.3 | +6 | SW | 1 | 2o | 38 | 36 | 6 | 5 | - | - | 3 | 3 | - | 30 | - | 0 |
| Mildenhall | 23.2 | -2 | SE | 2 | 2o | 39 | 32 | 6 | - | - | 1 | 4 | 4 | - | - | - | 0 |
| Bircham Newton | 23.0 | 0 | SSE | 2 | 2o | 37 | 32 | 6 | 1 | 4 | 6 | 4 | 1 | 4 | 30 | - | 1 |
| Cranwell ... | 21.5 | -8 | SSE | 3 | 2o | 37 | 32 | 5 | 5 | - | - | 8 | 8 | - | 35 | - | 1 |
| Cranfield ... | 22.8 | -4 | SSW | 3 | 2o | 37 | 32 | 6 | - | 1 | - | 8 | 8 | - | 100 | - | 1 |
| Honiley ... | 21.5 | -4 | S | 4 | 2o | 38 | 33 | 5 | - | 7 | 7 | 8 | 5 | 8 | - | - | 1 |
| Little Rissington | 21.6 | -10 | SSW | 4 | 2o | 37 | 33 | 6 | 5 | 7 | - | 8 | 4 | 8 | 40 | - | 1 |
| Shobden ... | 19.7 | -20 | SSE | 3 | ir0 | 40 | 35 | 6 | 5 | 7 | - | 8 | 5 | 8 | 24 | 57 | 2 |
| Bristol ... | 22.3 | -2 | S | 3 | ir0 | 41 | 37 | 6 | 5 | 2 | - | 8 | 5 | 8 | 25 | - | 1 |
| Chivenor ... | 18.8 | -28 | SE | 4 | r0r0 | 43 | 41 | 6 | 5 | 2 | - | 8 | 5 | 8 | 10 | 25 | 1 |
| Yeovilton | 22.4 | -2 | SSE | 2 | rr | 41 | 36 | 5 | 5 | 7 | - | 8 | 4 | 8 | 10 | 40 | 1 |
| Portland Bill | 22.4 | -6 | SW | 4 | ir | 45 | 43 | 7 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| Exeter ... | 21.1 | -18 | SSE | 4 | rr | 44 | 42 | 5 | 5 | 2 | - | 8 | 4 | 8 | 18 | 40 | 1 |
| Plymouth ... | 19.9 | -30 | SW | 3 | r0r0 | 45 | 45 | 6 | 5 | 7 | - | 8 | 5 | 8 | 25 | 40 | 1 |
| St. Eval ... | 18.2 | -28 | SW | 6 | rr | 47 | 45 | 5 | 6 | 2 | - | 8 | 5 | 8 | 4 | 15 | 1 |
| The Lizard | 18.8 | -22 | SW | 6 | rr | 48 | 48 | 8 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Scilly, St. Marys | 16.3 | -18 | SSW | 6 | r0r0 | 48 | 48 | 5 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| Fairwood ... | 20.0 | -16 | SSE | 4 | rr | 41 | 39 | 6 | 6 | 2 | - | 8 | 5 | 8 | 10 | 25 | 1 |
| Pembroke ... | 18.4 | -38 | SSE | 6 | rr | 45 | 45 | 6 | 5 | - | - | 8 | 8 | - | 19 | - | 1 |
| Aberporth ... | 14.5 | -46 | SE | 7 | rr | 41 | 39 | 6 | 5 | 2 | - | 8 | 2 | 8 | 10 | 40 | 1 |
| Penrhos ... | 15.3 | -30 | SSE | 4 | r0r0 | 40 | 39 | 6 | 5 | 2 | - | 8 | 6 | 8 | 15 | 40 | 1 |
| Holyhead, Valley | 13.8 | -42 | SSE | 7 | rr | 42 | 39 | 6 | 6 | 2 | - | 8 | 4 | 8 | 8 | 15 | 1 |
| Hawarden ... | 17.6 | -18 | SSE | 4 | c | 40 | 35 | 7 | 5 | 7 | - | 8 | 4 | 8 | 40 | - | 1 |
| Manchester | 18.7 | -18 | SE | 4 | 2o | 39 | 30 | 5 | 5 | 2 | - | 8 | 6 | 6 | 62 | - | 1 |
| Squires Gate | 16.7 | -24 | SSE | 5 | r0r0 | 39 | 33 | 5 | 5 | - | - | 8 | 8 | - | 30 | - | 1 |
| Silloth ... | 15.8 | -18 | SSE | 3 | 2o | 37 | 34 | 5 | 5 | 7 | - | 8 | 5 | 8 | 25 | - | 1 |
| Ashbourne ... | 20.7 | -10 | SSE | 3 | m | 36 | 33 | 4 | - | 7 | 6 | 6 | 4 | 4 | 100 | - | 1 |
| Snaith ... | 20.2 | -14 | SSW | 2 | m | 38 | 32 | 4 | - | 2 | - | 8 | 8 | - | 120 | - | 1 |
| Spurn Head | 21.3 | -6 | SSE | 3 | 2o | 38 | 34 | 6 | 7 | 6 | - | 6 | 4 | 3 | 40 | 72 | 1 |
| Leeming | 17.9 | -18 | SSE | 4 | 2o | 37 | 32 | 5 | 5 | 2 | - | 7 | 1 | 7 | 30 | - | 1 |
| Tynemouth | 18.5 | -16 | S | 5 | 2o | 38 | 30 | 5 | 5 | - | - | 6 | 6 | - | 25 | - | 1 |
| Acklington | 16.8 | -22 | S | 3 | 2o | 35 | 30 | 4 | - | 7 | - | 8 | 8 | - | - | - | 1 |
| St. Abb's Head | 14.0 | -34 | SE | 4 | c | 36 | 27 | 7 | 5 | - | - | 8 | 8 | - | 25 | - | 3 |
| Leuchars ... | 14.3 | -22 | SSE | 1 | 2o | 36 | 31 | 6 | 5 | 7 | - | 8 | 4 | 8 | 30 | - | 4 |
| Montrose ... | 15.0 | -26 | S | 2 | 2o | 37 | 32 | 5 | 5 | 2 | - | 8 | 3 | 8 | 25 | - | 5 |
| Abbotsinch | 11.6 | -36 | SSE | 4 | r0r0 | 39 | 35 | 5 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Prestwick ... | 11.7 | -38 | SES | 5 | r0r0 | 38 | 33 | 7 | 5 | 2 | - | 8 | 4 | 8 | 9 | 40 | 4 |
| West Freugh | 11.5 | -38 | SSE | 5 | r0r0 | 39 | 37 | 6 | 5 | 2 | - | 8 | 6 | 8 | 8 | 25 | 1 |
| Eskdalemuir | 14.8 | +26 | SSE | 2 | c | 33 | 29 | 6 | 5 | - | - | 8 | 8 | - | 11 | - | 8,1 |
| Jurby, I. of Man | 12.7 | -46 | SES | 6 | r0r0 | 40 | 37 | 6 | 6 | 2 | - | 8 | 3 | 5 | 10 | 25 | 2 |
| Machrihanish | 07.7 | -50 | SE | 8 | rr | 41 | 39 | 5 | 5 | - | - | 8 | 4 | 8 | 3 | 15 | 2 |
| Tiree ... | 03.8 | -62 | SSE | 7 | r0r0 | 40 | 39 | 6 | 5 | 2 | - | 8 | 5 | 8 | 6 | 25 | 1 |
| Oban ... | 08.8 | -50 | ESE | 2 | r0r0 | 38 | 36 | 6 | 5 | 2 | - | 8 | 4 | 8 | 8 | 25 | 4 |
| Stornoway ... | 03.7 | -56 | SSE | 7 | r0r0 | 41 | 33 | 8 | 6 | 2 | - | 8 | 3 | 8 | 12 | 40 | 1 |
| Cape Wrath | 06.0 | -58 | SE | 3 | c | 35 | 29 | 8 | 8 | 2 | - | 7 | 4 | - | 25 | - | 2 |
| Dalwhinnie | 09.8 | -36 | S | 5 | c | 31 | 27 | 6 | 5 | 7 | - | 8 | 4 | 4 | 18 | 72 | 8,2 |
| Aberdeen ... | 14.1 | -24 | SW | 3 | m | 35 | 29 | 4 | 5 | 2 | - | 8 | 3 | 8 | 15 | - | 7 |
| Fraserburgh | 13.1 | -30 | SSE | 4 | c | 35 | 32 | 7 | - | 2 | - | 8 | 8 | - | - | - | 1 |
| Alness ... | 10.1 | -36 | - | 0 | c | 30 | 29 | 7 | - | 1 | - | 8 | 8 | - | - | - | 8,3 |
| Wick ... | 10.6 | -42 | SSE | 6 | c | 37 | 29 | 8 | 5 | 7 | 8 | 6 | 2 | 5 | 15 | - | 4 |
| Hatston ... | 10.6 | -34 | SE | 5 | bc | 37 | 30 | 8 | - | 7 | - | 4 | 4 | - | - | - | 4 |
| Sumburgh ... | 12.6 | -18 | SSE | 4 | c | 35 | 27 | 8 | 5 | - | 6 | 6 | 4 | 6 | 20 | - | 4 |
| Sullom Voe | 12.4 | -22 | SE | 3 | c-bc | 31 | 26 | 8 | - | 7 | - | 5 | 5 | - | 0 | - | 8 |
| Blacksod Point† | 09.8 | -26 | S | 6 | rr | 49 | 48 | 6 | 5 | 2 | - | 8 | 4 | - | 8 | - | 2 |
| Malin Head † | 00.0 | -64 | SE | 6 | rr | 41 | 39 | 6 | 6 | 2 | - | 8 | 3 | - | 8 | - | 2 |
| Aldergrove | 06.8 | -58 | SSE | 5 | r0r0 | 42 | 40 | 6 | 6 | 2 | - | 8 | 5 | 8 | 8 | 15 | 1 |
| Cas. Archdale | 04.3 | -46 | SE | 6 | ir0 | 41 | 41 | 7 | 5 | 2 | - | 8 | 4 | 6 | 6 | 15 | 1 |
| Birr Castle ... † | 05.5 | -32 | S | 3 | c | 47 | 45 | 7 | 9 | 2 | - | 8 | 5 | - | 8 | - | 1 |
| Collinstown † | 08.9 | -42 | SE | 6 | r0r0 | 44 | 40 | 8 | 6 | 2 | - | 8 | 8 | - | 40 | - | 2 |
| Foynes ... † | 05.6 | -24 | SE | 3 | ir0 | 51 | 49 | 7 | 5 | 2 | - | 8 | 6 | - | 14 | - | 1 |
| Valentia ... † | 06.5 | -22 | SSW | 6 | ir0 | 53 | 52 | 6 | 5 | - | - | 8 | 8 | - | 6 | - | 2 |
| Roches Point † | 08.9 | -30 | SW | 4 | df | 48 | 47 | 8 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather. 06h.–12h. (34) | Weather. 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | bcm0xb20 | b,c2cm0 | 43 | 5.0 | - |
| Croydon | cm0bcm0fbc2 | c2bc2 | 45 | 3.3 | - |
| Boscombe Down | cbc | cm0 | 42 | 2.9 | 1 |
| Thorney Island | cm0bcm0 | c20cm0 | 45 | * | 0.2 |
| Friston | | | | | |
| Lympne | bbcm0 | bccm0 | 46 | 6.7 | - |
| Manston | bc | bccm0 | 45 | 6.7 | - |
| North Weald | bm0b | b0b0cm0m | 45 | * | - |
| Felixstowe | 0m0 | b20 | 48 | 7.0 | - |
| Gorleston | bc2 | bc2 | 44 | 7.1 | - |
| Mildenhall | bxb | bbc0bc | 47 | 7.2 | Tr |
| Bircham Newton | oc | bcc | 45 | 7.7 | - |
| Cranwell | bm0b | b20c0cm0 | 45 | 7.1 | - |
| Cranfield | b20bcb20 | bc20m0 | 44 | * | - |
| Honiley | bm | b20m0 | 43 | 4.6 | Tr |
| Little Rissington | cm0bcm0b20 | bcm0cm0 | 40 | * | 1 |
| Shobden | bbccbc | bcc1r0m0 | 43 | * | 4 |
| Bristol | cbcm20 | ccr0 | 43 | 1.9 | 1 |
| Chivenor | ccm0c | cr0r0r0m0 | 48 | * | 10 |
| Yeovilton | bcc | ccr2rr | 45 | * | 5 |
| Portland Bill | bcc | cr | 45 | * | 1 |
| Exeter | bbcbcm0c | c20r0r0m0 | 46 | 1.3 | 6 |
| Plymouth | cm0 | cr0cr0r0 | 48 | 0.7 | 8 |
| St. Eval | bcm0c | cr0m0r0r0m | 49 | 0.6 | 3 |
| The Lizard | c | c1rr | 50 | 0.0 | 4 |
| Scilly, St. Marys | c | rr0r0h | 50 | 0.0 | 6 |
| Fairwood | bbccm0 | cr0r0r0 | 43 | * | 14 |
| Pembroke | c | c1rm0 | 47 | 0.0 | 10 |
| Aberporth | bcm0c | cr0r0 | 44 | 0.6 | 4 |
| Penrhos | bf | cr0r0m0 | 42 | 1.9 | 7 |
| Holyhead, Valley | bcfqc | cd0dr0r0f | 44 | * | 3 |
| Hawarden | bcm0bcm | bcm0c | 41 | 3.7 | 3 |
| Manchester | bm | bbccm0 | 42 | | 1 |
| Squires Gate | bm0bc2 | c20m0r0r0 | 44 | * | 2 |
| Silloth | bbcxvcm0 | cm0c | 40 | * | 3 |
| Ashbourne | bm0b20bm0b | bbc20cm0 | 41 | * | 0.2 |
| Snaith | cm0m | bfx20y | 44 | 5.1 | Tr |
| Spurn Head | ccm0 | bccm0 | 43 | 6.8 | - |
| Leeming | bcbcy | cm0 | 44 | 5.5 | 0.1 |
| Tynemouth | bcm0 | bccm0 | 42 | * | - |
| Acklington | bc | bcc20m | 42 | * | Tr |
| St. Abb's Head | bbcb | bbcc | 38 | * | - |
| Leuchars | bbc20 | cm0 | 38 | 4.2 | 0.2 |
| Montrose | bccbcc | ccm0 | 39 | 4.3 | - |
| Abbotsinch | m0ffx | cm0xcm0r0r0 | 39 | 0.0 | 3 |
| Prestwick | bcm0c | cor0r0 | 38 | * | 0.1 |
| West Freugh | bbcxbcc | cr0r0r0m0 | 42 | * | 13 |
| Eskdalemuir | bxbcm0 | bcm0c | 37 | 2.9 | 1 |
| Jurby, I. of Man | c | cir0r0r0m0 | 43 | * | 8 |
| Machrihanish | cbcc | orrm0 | 43 | * | 27 |
| Tiree | bcxcx | cr0r0m0 | 45 | 0.0 | 15 |
| Oban | c | cm0cr0r0 | 39 | * | * |
| Stornoway | bcxcprsc | ccir0 | 42 | 0.0 | 3 |
| Cape Wrath | c | c | 40 | * | 0.2 |
| Dalwhinnie | co | o | 32 | 1.9 | 4 |
| Aberdeen | bccm0bcm0 | bccm | 39 | 3.1 | - |
| Fraserburgh | cbcc | c | 39 | * | - |
| Alness | cbc | bcc | 38 | 2.3 | 0.5 |
| Wick | cbcc | c | 40 | * | - |
| Hatston | cbccbcc | ccbc | 39 | * | - |
| Sumburgh | cvc | cvc | 38 | 0.1 | Tr |
| Sullom Voe | cbcbbcc | cbcpsc | 35 | * | 0.3 |
| Blacksod Point† | r | r | 50 | * | 7 |
| Malin Head † | c | r | 41 | 0.0 | 6 |
| Aldergrove | c | r | 44 | 1.9 | 9 |
| Cas. Archdale | c | cr0r0m0r0r0 | 46 | * | 11 |
| Birr Castle ... † | c | pr | 47 | 0.0 | 4 |
| Collinstown † | c | r | 45 | 0.6 | 5 |
| Foynes ... † | c | r | 51 | 0.0 | 6 |
| Valentia ... † | r | r | 53 | 0.0 | 23 |
| Roches Point † | o | r | 48 | * | 15 |

* Information not usually received.

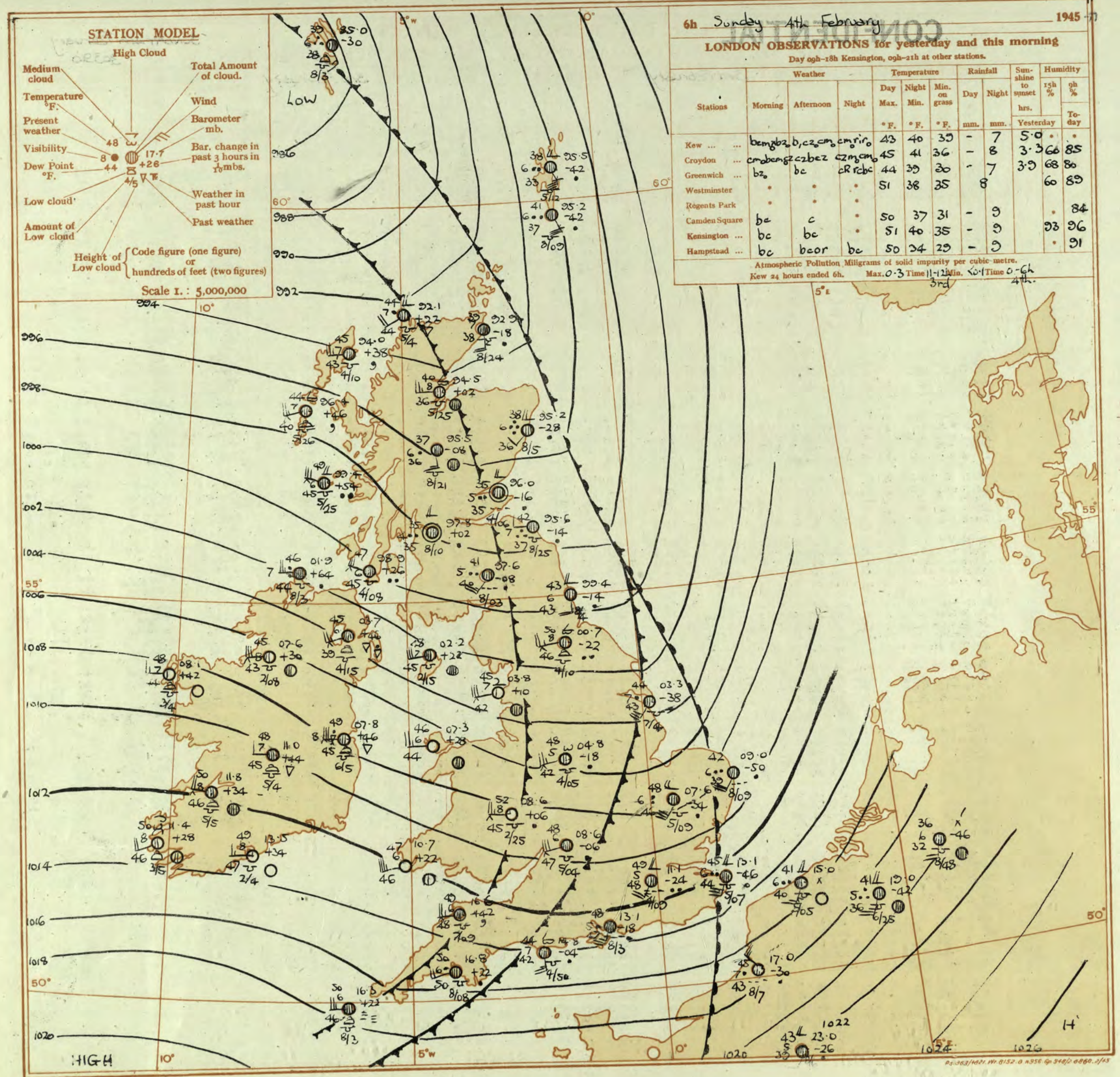
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

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.

‡ See footnote p. 4.

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




6h Sunday 4th February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | bcm8bz8 | b,cz8cm8 | cm8ri8 | 43 | 40 | 39 | - | 7 | 5·0 | • | • |
| Croydon ... | cm8bcm8z | czbcz | czm8cm8 | 45 | 41 | 36 | - | 8 | 3·3 | 66 | 85 |
| Greenwich ... | bz8 | bc | cR rcbc | 44 | 39 | 30 | - | 7 | 3·9 | 68 | 80 |
| Westminster | • | • | • | 51 | 38 | 35 | 8 | | | 60 | 89 |
| Regents Park | • | • | • | | | | | | | | |
| Camden Square | bc | c | • | 50 | 37 | 31 | - | 9 | | • | 84 |
| Kensington ... | bc | bc | • | 51 | 40 | 35 | - | 9 | | 93 | 96 |
| Hampstead ... | bc | bcor | bc | 50 | 34 | 29 | - | 9 | | • | 91 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·3 Time 11-12 3rd Min. <0·1 Time 0-6h 4th.

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

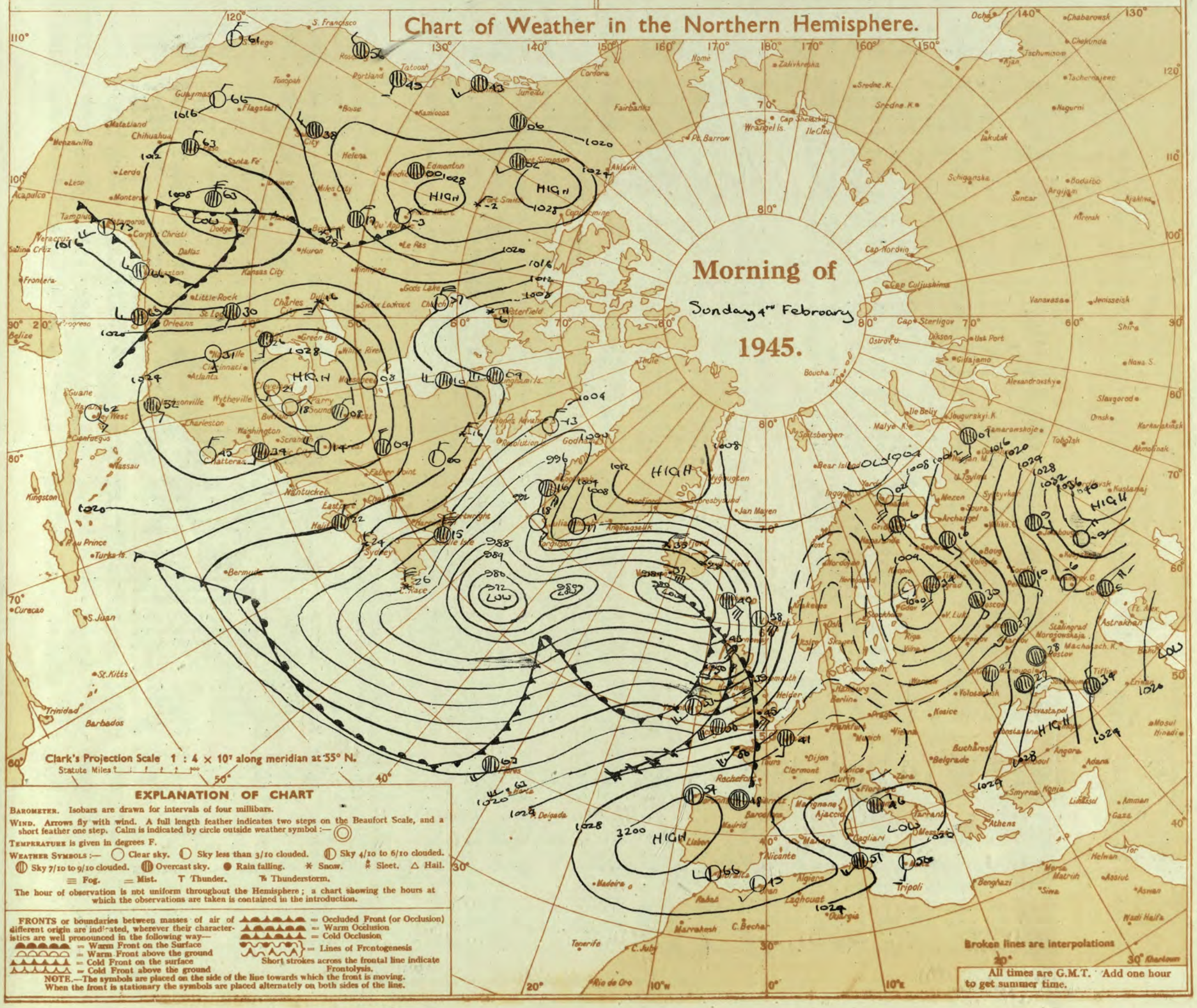
**GENERAL INFERENCE**

A trough of low pressure over eastern districts of the British Isles is moving quickly east. A wedge of high pressure will move east across the country followed by a trough of low pressure. Weather will be fair at first apart from a few showers, but rain, with general hill fog, will later spread east across all districts, followed by showers in the north and west. Strong to gale winds will occur later in all districts. Mild.

**FURTHER OUTLOOK**

Unsettled stormy weather persisting, with rain at times.

# 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.

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.

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 4th January 1945

No. 30390

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

| 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 | | * | * | * | * | 42 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 18.2 | -42 | S'E | 5 | rbro | 42 | 39 | 5 | - | 2 | - | 8 | 8 | - | 15 | - |
| | Boscombe Down | 417 | 17.1 | -36 | S | 6 | roro | 43 | 43 | 5 | - | 2 | - | 8 | 4 | 5 | 3 | 5 |
| | Thorney Island | 10 | 13.4 | -30 | SSE | 4 | rbro | 43 | 41 | 5 | - | 2 | - | 8 | 8 | - | 24 | - |
| | Friston | — | | | | | | | | | | | | | | | | |
| 2 | Lympne | 341 | 22.5 | -24 | SSW | 4 | iro | 40 | 38 | 6 | 5 | 7 | - | 8 | 5 | 8 | 18 | - |
| | Manston | 140 | 22.7 | -20 | S | 4 | cl- | 40 | 38 | 6 | 5 | - | - | 8 | 8 | - | 60 | - |
| | North Weald | 244 | 18.8 | -36 | WNW | 4 | r- | 33 | 38 | 4 | 6 | 2 | - | 8 | 3 | 4 | 14 | 15 |
| | Felixstowe | 10 | 21.4 | -22 | S'E | 4 | iro | 33 | 37 | 5 | 6 | 2 | - | 8 | 4 | 6 | 12 | 15 |
| | Gorleston | 5 | 19.7 | -66 | SW'S | 5 | cq | 39 | 39 | 5 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Mildenhall | 15 | 17.7 | -38 | S'E | 5 | ir | 40 | 38 | 6 | 5 | - | - | 8 | 8 | - | 28 | - |
| | Bircham Newton | 221 | 17.0 | -32 | SSE | 4 | rovo | 38 | 36 | 6 | 5 | - | - | 8 | 8 | - | 35 | - |
| | Cranwell | 203 | 13.0 | -56 | SSE | 6 | r- | 38 | 38 | 4 | 5 | - | - | 8 | 4 | 8 | 10 | 15 |
| 3 | Cranfield | 340 | 16.1 | -42 | SSE | 6 | voro | 41 | 38 | 5 | 5 | - | - | 8 | 8 | - | 17 | - |
| | Honiley | 427 | 13.1 | -48 | S | 5 | rbro | 40 | 39 | 5 | 6 | 2 | - | 8 | 6 | 8 | 11 | 15 |
| 4 | Little Rissington | 731 | 14.2 | -50 | SSW | 6 | voro | 41 | 41 | 5 | - | 2 | - | 8 | 8 | - | 8 | - |
| | Shobden | 318 | 10.8 | -54 | S | 5 | r- | 44 | 43 | 5 | 6 | - | - | 8 | 5 | 8 | 6 | 8 |
| 5 | Bristol | 209 | 14.7 | -46 | SW'W | 6 | zo | 47 | 45 | 6 | 5 | - | - | 8 | 6 | 6 | 5 | 15 |
| | Chivenor | 20 | 13.0 | -24 | SSW | 5 | dod. | 50 | 48 | 6 | - | 2 | - | 8 | 8 | - | 7 | - |
| | Yeovilton | 50 | 15.0 | -40 | S | 5 | dod | 48 | 47 | 4 | 5 | 2 | - | 8 | 6 | 8 | 5 | 8 |
| | Portland Bill | 32 | 16.8 | -40 | SE | 5 | r- | 45 | 43 | 7 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 100 | 14.5 | -34 | SSW | 4 | roro | 47 | 47 | 6 | 6 | - | - | 8 | 8 | - | 5 | - |
| | Plymouth | 86 | 15.7 | -22 | SW | 5 | df | 48 | 48 | 2 | 5 | - | - | 8 | 8 | - | — | - |
| | St. Eval | 345 | 14.6 | -22 | WSW | 6 | pro | 51 | 51 | 5 | 5 | - | - | 8 | 8 | - | 2 | - |
| | The Lizard | 240 | 14.8 | -14 | SW | 6 | df | 50 | 50 | 2 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Scilly, St. Marys | 163 | 13.9 | -14 | SW'S | 6 | cf | 50 | 50 | 6 | 5 | - | - | 8 | 8 | - | — | - |
| 6 | Fairwood | 268 | 12.0 | -4 | S'S | 5 | roro | 46 | 46 | 4 | 5 | 2 | - | 8 | 6 | 8 | 5 | 8 |
| | Pembroke | 142 | 08.8 | -24 | SW'S | 7 | r- | 43 | 48 | 5 | 6 | - | - | 8 | 8 | - | 10 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 06.1 | -38 | S | 7 | ror | 47 | 47 | 5 | 5 | 2 | - | 8 | 6 | 8 | 10 | 15 |
| | Holyhead, Valley | 32 | 09.8 | -38 | SSE | 6 | r- | 47 | 47 | 4 | 5 | - | - | 8 | 8 | - | - | - |
| | Hawarden | 15 | 06.0 | -62 | S | 5 | cl- | 43 | 42 | 6 | 5 | 2 | - | 8 | 5 | 8 | 18 | - |
| 8 | Manchester | 230 | 08.4 | -54 | S | 6 | rbr. | 41 | 39 | 6 | 6 | 2 | - | 8 | 5 | 8 | 9 | 15 |
| | Squires Gate | 30 | 05.4 | -64 | NE'E | 5 | dod. | 41 | 40 | 5 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Silloth | 25 | 02.7 | -62 | S | 5 | ir | 44 | 40 | 6 | 6 | 2 | - | 8 | 5 | 8 | 22 | 25 |
| 9 | Ashbourne | 590 | 13.7 | -46 | SSE | 4 | RR | 38 | 36 | 5 | 6 | 2 | - | 8 | 5 | 8 | 5 | 15 |
| | Snaith | 30 | 10.7 | -62 | S | 6 | r- | 39 | 38 | 3 | 6 | 2 | - | 8 | 5 | 8 | 9 | 25 |
| 10 | Spurn Head | 29 | 13.9 | -44 | S'E | 4 | rbr | 37 | 35 | 6 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Leeming | 105 | 07.8 | -62 | S'E | 4 | ror | 38 | 37 | 5 | 5 | - | - | 8 | 3 | 4 | 6 | 8 |
| | Tynemouth | 108 | 07.0 | -70 | S | 6 | r- | 39 | 36 | 6 | - | 2 | - | 8 | 8 | - | 15 | - |
| | Acklington | 138 | 06.7 | -58 | S'E | 5 | ror | 37 | 33 | 5 | 6 | - | - | 8 | 8 | - | 12 | - |
| 11 | St. Abb's Head | 280 | 02.5 | -68 | SSE | 5 | r- | 36 | 31 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Leuchars | 31 | 02.6 | -60 | SE | 3 | rbr | 36 | 34 | 5 | 6 | 2 | - | 8 | 5 | 8 | 10 | 15 |
| | Montrose | 22 | 03.8 | -64 | SSE | 7 | r- | 38 | 37 | 4 | - | 2 | - | 8 | 8 | - | 5 | - |
| 12 | Abbotsinch | 19 | 01.2 | -56 | — | 0 | ror | 39 | 38 | 4 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Prestwick | 30 | 99.3 | -46 | S | 4 | ror | 41 | 38 | 6 | 6 | 2 | - | 2 | 1 | 8 | 15 | 25 |
| | West Freugh | 53 | 99.9 | -58 | SW | 5 | rbr | 46 | 46 | 5 | - | 2 | - | 8 | 8 | - | 2 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 01.4 | -42 | SSW | 7 | r- | 48 | 48 | 5 | 6 | 2 | - | 8 | 4 | 8 | 10 | 25 |
| 13A | Machrihanish | 35 | 97.1 | -34 | S'E | 4 | rbr | 45 | 44 | 5 | 5 | - | - | 8 | 4 | 8 | 3 | 8 |
| | Tiree | 44 | 94.6 | -26 | SSW | 6 | dod. | 46 | 46 | 5 | 5 | 2 | - | 8 | 5 | 8 | 3 | 8 |
| | Oban | 74 | 98.2 | -30 | E | 2 | d.d. | 39 | 39 | 6 | - | 2 | - | 8 | 8 | - | 15 | - |
| 13B | Stornoway | 12 | 91.5 | -58 | SSE | 6 | rbr | 43 | 41 | 6 | 6 | 2 | - | 8 | 3 | 8 | 9 | 15 |
| | Cape Wrath | 367 | 99.8 | -50 | SE | 4 | r- | 36 | 33 | 7 | 5 | - | - | 6 | 8 | - | 8 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | | | | | | | | | | | |
| | Fraserburgh | 76 | 09.2 | -48 | SSE | 6 | rr | 36 | 35 | 6 | - | 2 | - | 8 | 8 | - | 15 | - |
| | Alness | 63 | 91.5 | -58 | SSE | 6 | vor | 43 | 41 | 7 | - | 2 | - | 8 | 8 | - | 26 | - |
| | Wick | 114 | 99.3 | -62 | SSE | 5 | r- | 37 | 36 | 5 | - | 2 | - | 8 | 8 | - | 10 | - |
| 16 | Hatston | 45 | 99.1 | -42 | SE | 7 | r- | 38 | 39 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 25 |
| | Sumburgh | 15 | 04.6 | -46 | S | 6 | c | 40 | 32 | 8 | 5 | - | - | 8 | 8 | - | 24 | - |
| | Sullom Voe | 12 | 04.8 | -40 | SSE | 6 | bc | 38 | 30 | 7 | 5 | - | - | 4 | 4 | - | 20 | - |
| 17 | Blacksod Point † | 18 | 99.8 | +6 | SW'W | 5 | dr | 50 | 48 | 6 | - | 2 | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 99.3 | -22 | S'W | 4 | rbr | 43 | 47 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Cas. Archdale | 240 | 93.8 | -14 | SSW | 4 | ir | 50 | 43 | 6 | 5 | - | - | 8 | 5 | 8 | 10 | 40 |
| 19 | Birr Castle † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 02.6 | -22 | SW'W | 6 | cl- | 53 | 51 | 8 | 5 | - | - | 8 | 8 | - | 11 | - |
| 20 | Foynes † | 3 | 05.1 | +9 | WSW | 5 | cl- | 54 | 52 | 7 | 5 | - | - | 8 | 8 | - | 9 | - |
| | Valentia † | 30 | 08.4 | +18 | SSW | 5 | bc | 53 | 51 | 7 | 5 | - | - | 4 | 4 | - | 15 | - |
| | Roches Point † | 22 | 07.0 | -10 | SW | 5 | dd | 48 | 47 | 6 | 5 | - | - | 8 | 8 | - | 5 | - |

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

| 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) | 9h. State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 10.5 | -18 | SW | 4 | i6 | 48 | 47 | 7 | 5 | 2 | - | 8 | 7 | 8 | 18 | - | 1 |
| Croydon | 11.1 | -24 | SW | 4 | c/r | 49 | 48 | 5 | 6 | 2 | - | 8 | 4 | 8 | 9 | 15 | 1 |
| Boscombe Down | 13.0 | -4 | WSW | 4 | c/d | 50 | 50 | 6 | 5 | - | - | 7 | 3 | 7 | 5 | 15 | 1 |
| Thorney Island | 13.1 | -18 | SW | 5 | i6 | 48 | 47 | 5 | 6 | - | - | 8 | 8 | - | 3 | - | 2 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 13.5 | -40 | SW | 6 | roro | 44 | 44 | 4 | 5 | - | - | 8 | 8 | - | 1 | - | 1 |
| Manston | 13.1 | -46 | SSW | 6 | roro | 45 | 44 | 6 | 5 | 2 | - | 8 | 5 | 8 | 7 | 15 | 1 |
| North Weald | 10.1 | -28 | SSW | 5 | roro | 47 | 47 | 4 | 5 | - | - | 8 | 5 | 8 | 5 | 15 | 1 |
| Felixstowe | 10.5 | -56 | SSW | 5 | c/r | 41 | 41 | 6 | - | 2 | - | 8 | 8 | - | 30 | - | 1 |
| Gorleston | 09.0 | -50 | SWS | 6 | roro | 42 | 39 | 6 | 6 | - | - | 8 | 8 | - | 9 | - | 1 |
| Mildenhall | 07.6 | -34 | SWS | 6 | ir | 48 | 46 | 6 | 5 | 2 | - | 8 | 5 | 8 | 9 | 15 | 1 |
| Bircham Newton | 07.0 | -34 | S | 5 | c/r | 45 | 44 | 6 | 5 | - | - | 8 | 8 | - | 7 | - | 1 |
| Cranwell | 05.2 | -18 | SW | 5 | Z | 45 | 44 | 5 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 1 |
| Cranfield | 08.2 | -24 | SSW | 5 | Z | 49 | 48 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 1 |
| Honiley | 07.1 | -12 | WSW | 4 | c/r | 50 | 48 | 7 | 5 | - | - | 7 | 5 | 7 | 15 | 25 | 1 |
| Little Rissington | 08.6 | -6 | WSW | 6 | Z | 48 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 4 | 8 | 1 |
| Shobden | 03.6 | +6 | W | 5 | b | 52 | 45 | 8 | 5 | - | - | 2 | 2 | - | 25 | - | 2 |
| Bristol | 13.1 | -20 | WS | 7 | dodo | 49 | 48 | 4 | 5 | - | - | 8 | 8 | - | 3 | - | 1 |
| Chivenor | 14.6 | +22 | W | 5 | Z | 49 | 48 | * | 5 | - | - | 7 | 7 | - | 9 | - | 1 |
| Yeovilton | 12.9 | +8 | WS | 4 | Z | 53 | 50 | 6 | 5 | 2 | - | 7 | 5 | 7 | 12 | 25 | 1 |
| Portland Bill | 14.8 | -4 | S | 5 | c | 44 | 42 | 7 | 5 | 7 | - | 8 | 4 | 8 | 50 | 72 | 1 |
| Exeter | 14.0 | +10 | WNW | 6 | c | 52 | 48 | 8 | 5 | - | - | 8 | 5 | - | 15 | - | 1 |
| Plymouth | 16.8 | +22 | W'S | 4 | i6 | 50 | 50 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| St. Eval | 16.6 | +26 | WSW | 5 | c/f | 49 | 49 | 5 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| The Lizard | 16.4 | +30 | WNW | 7 | cf+ | 49 | 49 | 2 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Scilly, St. Marys | 16.3 | +22 | W | 5 | c/f | 50 | 46 | 6 | 8 | - | - | 8 | 8 | - | 8 | - | 1 |
| Fairwood | 12.4 | +24 | WSW | 6 | c/r | 48 | 48 | 5 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| Pembroke | 10.7 | +22 | WSW | 7 | Z | 47 | 46 | 6 | - | - | - | 0 | 0 | 0 | — | - | 1 |
| Aberporth | 11.1 | +28 | WS | 5 | bc | 47 | 46 | 7 | 2 | - | - | 4 | 4 | - | 25 | - | 1 |
| Penrhos | 07.9 | +22 | W | 6 | Z | 49 | 45 | 6 | r | - | - | 0 | 0 | 0 | — | - | 1 |
| Holyhead, Valley | 07.3 | +28 | W | 5 | Z | 46 | 44 | 6 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Hawarden | 05.9 | +24 | W | 5 | ebc | 51 | 45 | 7 | 5 | - | - | 5 | 5 | - | 20 | - | 1 |
| Manchester | 04.9 | -6 | SWW | 4 | c/r | 48 | 47 | 6 | 5 | - | - | 6 | 4 | 6 | 15 | 40 | 1 |
| Squires Gate | 03.8 | +10 | WS | 6 | b-bc | 45 | 42 | 7 | - | - | 5 | 3 | 3 | - | - | - | 1 |
| Silloth | 99.5 | +10 | SW | 4 | Z | 44 | 43 | 6 | 8 | - | - | 7 | 4 | 5 | 23 | 40 | 2 |
| Ashbourne | 04.8 | -18 | WSW | 5 | Z | 48 | 42 | 5 | 5 | 3 | - | 6 | 4 | 5 | 5 | 15 | 1 |
| Snaith | 03.0 | -14 | WSW | 3 | ido | 48 | 47 | 5 | 5 | - | - | 8 | 8 | - | 19 | - | 2 |
| Spurn Head | 03.3 | -38 | SW | 6 | i6 | 44 | 43 | 7 | 5 | - | - | 7 | 7 | - | 15 | - | 1 |
| Leeming | 00.7 | -22 | WS | 5 | c/r | 50 | 46 | 8 | 8 | 7 | - | 6 | 4 | 4 | 10 | 25 | 1 |
| Tynemouth | 99.4 | -14 | S | 4 | Z | 43 | 43 | 6 | - | 2 | - | 8 | 8 | - | 15 | - | 1 |
| Acklington | 97.6 | -30 | SW | 3 | i6 | 44 | 43 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| St. Abb's Head | 95.6 | -14 | W | 2 | rr | 42 | 37 | 7 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Leuchars | 96.0 | -18 | — | 0 | roro | 35 | 35 | 5 | 6 | 2 | - | 8 | 4 | 8 | 6 | 15 | 6 |
| Montrose | 96.6 | -22 | W | 2 | rr | 36 | 36 | 6 | - | 2 | - | 8 | 8 | - | 4 | - | 2 |
| Abbotsinch | 97.8 | +2 | — | 0 | roro | 35 | 35 | 4 | 2 | - | - | 8 | 8 | - | 10 | - | 2 |
| Prestwick | 98.2 | +16 | SW | 4 | c/d | 46 | 44 | 6 | 5 | - | - | 8 | 8 | - | 24 | - | 1 |
| West Freugh | 00.0 | +18 | WNW | 7 | pr | 47 | 43 | 7 | 8 | - | - | 8 | 4 | 8 | 10 | 25 | 1 |
| Eskdalemuir | 97.6 | -8 | SWW | 5 | roro | 41 | 40 | 5 | 6 | - | - | 8 | 8 | - | 8 | - | 1 |
| Jurby, I. of Man | 02.2 | +22 | W'S | 6 | c.bc | 48 | 45 | 7 | 5 | - | - | 5 | 2 | 4 | 12 | 25 | 1 |
| Machrihanish | 98.9 | +26 | WN | 6 | c/r | 47 | 45 | 6 | 5 | - | - | 8 | 4 | 5 | 8 | 15 | 1 |
| Tiree | 99.4 | +54 | WN | 6 | c/r | 49 | 45 | 6 | 5 | 2 | - | 7 | 5 | 7 | 25 | 40 | 2 |
| Oban | 99.1 | +30 | WSW | 2 | roro | 45 | 45 | 7 | 6 | 2 | - | 8 | 5 | 8 | 10 | 25 | 1 |
| Stornoway | 94.0 | +38 | N | 5 | c | 45 | 43 | 7 | 5 | - | - | 8 | 4 | 8 | 10 | 15 | 1 |
| Cape Wrath | 92.1 | +22 | SW | 4 | i6 | 41 | 44 | 7 | 5 | 2 | - | 8 | 5 | - | 15 | - | 2 |
| Dalwhinnie | 95.5 | -8 | SSE | 3 | i6 | 37 | 36 | 6 | 5 | - | - | 8 | 8 | - | 21 | - | 4 |
| Aberdeen | 95.2 | +22 | SWS | 2 | RR | 38 | 36 | 6 | - | 2 | - | 8 | 8 | - | 25 | - | 4 |
| Fraserburgh | 95.2 | -26 | SW | 4 | rr | 37 | 37 | 6 | - | 2 | - | 8 | 8 | - | 20 | - | 1 |
| Alness | 94.5 | +2 | N | 5 | c | 40 | 36 | 8 | 5 | 7 | - | 7 | 5 | 7 | 25 | - | 6 3 |
| Wick | 92.9 | -18 | S | 4 | c | 39 | 38 | 7 | 5 | - | - | 8 | 8 | - | 24 | - | 4 |
| Hatston | 92.7 | -18 | SW | 4 | roro | 39 | 38 | 6 | 5 | - | - | 8 | 4 | 8 | 4 | 25 | 4 |
| Sumburgh | 95.2 | -42 | SSE | 6 | roro | 41 | 37 | 6 | 5 | - | - | 8 | 8 | - | 9 | - | 4 |
| Sullom Voe | 95.5 | -42 | SE | 7 | roro | 38 | 33 | 6 | 5 | 2 | - | 8 | 5 | 8 | 12 | 25 | 6 |
| Blacksod Point † | 08.1 | +42 | W | 3 | b-bc | 48 | 44 | 7 | 8 | - | - | 3 | 3 | - | 15 | - | 2 |
| Malin Head † | 01.9 | +64 | W | 5 | ir | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 2 |
| Aldergrove | 03.7 | +46 | WSW | 5 | c/pr | 45 | 39 | 6 | 8 | - | - | 8 | 4 | 8 | 15 | 40 | 1 |
| Cas. Archdale | 04.6 | +30 | W | 6 | bc | 45 | 43 | 8 | 5 | - | - | 4 | 2 | 4 | 8 | 15 | 1 |
| Birr Castle † | 11.0 | +44 | W | 2 | c | 48 | 44 | 7 | 8 | 2 | - | 8 | 5 | - | 15 | - | 1 |
| Collinstown † | 07.8 | +46 | W | 6 | pr | 49 | 45 | 8 | 8 | - | - | 6 | 6 | - | 25 | - | 1 |
| Foynes † | 11.8 | +34 | WN | 4 | ebc | 50 | 46 | 8 | 8 | - | - | 5 | 5 | - | 25 | - | 1 |
| Valentia † | 14.4 | +28 | WSW | 4 | bc | 50 | 46 | 8 | 2 | 6 | 3 | 4 | 3 | - | 23 | - | 1 |
| Roches Point † | 13.5 | +34 | W | 3 | b | 49 | 47 | 8 | 5 | - | - | 2 | 2 | - | 15 | - | 1 |

### OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | cmowrro | ciroriro | 40 | 39 | 7 |
| Croydon | czormocr | crorocmo | 41 | 36 | 8 |
| Boscombe Down | cmo crorm | crorocdocmo | 40 | 38 | 6 |
| Thorney Island | cmooror,m. | | 41 | 40 | 9 |
| Friston | | | | | |
| Lympne | ccir,m. | croromorm | 39 | 36 | 7 |
| Manston | bbccir,m | ciro rorrmo | 36 | 36 | 5 |
| North Weald | bczbcform | crr croromo | 38 | 39 | 5 |
| Felixstowe | bccirom. | ciromo | 36 | 33 | 7 |
| Gorleston | ouq2 | orr roq | 33 | 32 | 8 |
| Mildenhall | bcemscirs | cirmo | 38 | 37 | 8 |
| Bircham Newton | crom. | croromo | 37 | 36 | 7 |
| Cranwell | crorom. | crriromm | 37 | 36 | 7 |
| Cranfield | cmorr | cmocrcr | 38 | 35 | 6 |
| Honiley | crrm. | croromo | 37 | 35 | 6 |
| Little Rissington | emorrmoro | c6ro oracmo | 37 | 36 | 10 |
| Shobden | crrm. | crrmoid | 39 | 38 | 10 |
| Bristol | crorcm. | ormddom | 43 | 41 | 10 |
| Chivenor | | cdodocmo | 47 | 44 | 10 |
| Yeovilton | pRird | dofdrd | 44 | * | 2 |
| Portland Bill | o | orrc | 44 | * | 5 |
| Exeter | oromodnm | ciroc | 44 | 33 | Tr |
| Plymouth | | ddford | 46 | 45 | 7 |
| St. Eval | | cirdo ef | 42 | 45 | 7 |
| The Lizard | ordf | oddff | 47 | * | 6 |
| Scilly, St. Marys | | off | 47 | * | 3 |
| Fairwood | crrmorbr,m | offfcmo | 41 | 35 | 15 |
| Pembroke | | bcmobmo | 40 | * | 7 |
| Aberporth | * | crrcbbc | 43 | 43 | 14 |
| Penrhos | crorommr | cmobmo | 42 | 42 | 6 |
| Holyhead, Valley | rrrorom | omirobrmo | 42 | 41 | 3 |
| Hawarden | oromcrrm. | cbc | 39 | 38 | 2 |
| Manchester | crrrorom. | rorrcmo | 39 | 35 | 11 |
| Squires Gate | czrsr.cd,c | croromoc | 37 | 37 | 12 |
| Silloth | erororrm | crrmocmo | 37 | 36 | 18 |
| Ashbourne | cir,r,RRm | cRRmo | 36 | 36 | 15 |
| Snaith | c2or m. | croromo | 37 | 34 | 7 |
| Spurn Head | cmoorors | ciro | 37 | * | 6 |
| Leeming | cmocrom | crmoc | 36 | 34 | 5 |
| Tynemouth | orrmo | orromo | 37 | 35 | 8 |
| Acklington | crorom. | croromo | 35 | 33 | 8 |
| St. Abb's Head | cRR | cRRc | 36 | * | 28 |
| Leuchars | cm crsmorsm | crrmo romo | 33 | 31 | 12 |
| Montrose | cmoiroorm | proronmo | 34 | 30 | 20 |
| Abbotsinch | crsrorg m | crormrr | 35 | 32 | 14 |
| Prestwick | orrRR. | crridoo | 35 | 37 | 17 |
| West Freugh | orroemm | crorocpro | 41 | 39 | 20 |
| Eskdalemuir | cmoSSRm | cRRrorom | 32 | 32 | 18 |
| Jurby, I. of Man | prrm. | orrmo | 46 | 42 | 10 |
| Machrihanish | crr | crrir | 44 | 41 | 15 |
| Tiree | crov.cd.d | crrroro | 49 | 41 | 9 |
| Oban | crrce | cRmororo | 35 | * | * |
| Stornoway | cr,orrm | croro | 39 | 38 | 7 |
| Cape Wrath | crr | cp rociro | 40 | * | 10 |
| Dalwhinnie | * | oks iro | 30 | 30 | 8 |
| Aberdeen | | orrRR | 36 | 32 | 18 |
| Fraserburgh | cirom.crr | crrmo | 42 | * | 10 |
| Alness | crosor | crorormoc | 32 | 32 | 6 |
| Wick | crr | crrc | 35 | 34 | 8 |
| Hatston | cbrcr | r | | * | |
| Sumburgh | bcc | croomo | 36 | 34 | 6 |
| Sullom Voe | bc | bccrr roro | 35 | 31 | 7 |
| Blacksod Point † | o | b | 45 | * | 3 |
| Malin Head † | * | r | 41 | * | 12 |
| Aldergrove | crsrom. | rrroprocmo | 42 | * | 7 |
| Cas. Archdale | cirom. | orro | 43 | 40 | 6 |
| Birr Castle † | * | pr | 47 | 45 | 4 |
| Collinstown † | r | pr | 44 | 43 | 2 |
| Foynes † | r | c | 48 | 45 | 4 |
| Valentia † | c | bc | 47 | 41 | |
| Roches Point † | d | b | 46 | * | 4 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

**CONFIDENTIAL**

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

Monday 5th February 1945

No. 30391.

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

| 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) | 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 ... | 14·6 | +22 | W'S | 4 | 2o | 53 | 43 | 6 | 8 | - | - | 5 | 4 | 4 | 15 | 25 |
| | Croydon ... | 14·9 | +16 | WSW | 5 | 2o | 52 | 43 | 6 | 2 | 3 | - | 4 | 2 | 4 | 12 | 25 |
| | Boscombe Down | 16·6 | +22 | W'N | 5 | c-bc | 52 | 45 | 8 | 1 | 7 | 6 | 5 | 4 | 4 | 15 | - |
| | Thorney Island | 16·9 | +22 | W'S | 4 | b | 52 | 48 | 7 | 1 | - | 4 | 2 | 1 | 1 | 25 | - |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 14·9 | +14 | W'N | 4 | bc | 55 | 43 | 8 | 1 | 4 | 1 | 4 | 2 | 3 | 15 | - |
| | Manston ... | 13·5 | +10 | W | 6 | b-bc | 54 | 53 | 8 | 1 | 4 | - | 3 | 2 | 1 | 10 | - |
| 2 | North Weald | 13·6 | +18 | W'S | 5 | bc | 52 | 42 | 7 | 5 | 7 | - | 4 | 3 | 1 | 14 | - |
| | Felixstowe ... | 10·7 | +6 | WSW | 5 | 2o | 51 | 41 | 6 | 5 | 3 | - | 6 | 5 | 2 | 25 | - |
| | Gorleston ... | 08·0 | +2 | W | 5 | ir | 51 | 50 | 7 | 6 | - | - | 7 | 7 | - | 10 | - |
| | Mildenhall | 09·8 | +12 | W'N | 5 | cbc/pr | 51 | 46 | 8 | 5 | 7 | - | 5 | 5 | 5 | 20 | - |
| | Bircham Newton | 08·7 | +18 | W'S | 6 | c | 48 | 42 | 7 | 8 | - | - | 7 | 4 | 7 | 20 | 40 |
| | Cranwell ... | 09·7 | +32 | W | 6 | c-bc | 49 | 42 | 7 | 8 | 6 | - | 5 | 4 | 4 | 10 | 15 |
| 3 | Cranfield ... | 12·9 | +26 | WNW | 4 | bc | 51 | 44 | 7 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Honiley ... | 13·2 | +32 | W | 5 | c | 52 | 41 | 8 | 5 | - | - | 6 | 6 | - | 25 | - |
| 4 | Little Rissington | 14·3 | +30 | W | 5 | bc | 51 | 41 | 8 | 4 | - | 1 | 4 | 4 | 1 | 18 | - |
| | Shobden ... | 15·1 | +32 | W'S | 5 | b-bc | 52 | 43 | 8 | 8 | - | 5 | 3 | 1 | 2 | 20 | 40 |
| 5 | Bristol ... | 16·4 | +16 | WSW | 5 | 2o | 50 | 46 | 6 | 5 | - | 6 | 5 | 1 | 5 | 25 | - |
| | Chivenor ... | 17·9 | +10 | W'S | 4 | 2o | 49 | 47 | 6 | 5 | 7 | 7 | 8 | 2 | 3 | 9 | - |
| | Yeovilton | 17·1 | +20 | W'N | 3 | c | 53 | 42 | 7 | 1 | - | 7 | 8 | 2 | 8 | 25 | - |
| | Portland Bill | 17·7 | +20 | WSW | 5 | c | 47 | 45 | 8 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter ... | 18·2 | +16 | WNW | 4 | c | 52 | 45 | 7 | 8 | - | - | 8 | 3 | 4 | 20 | 25 |
| | Plymouth ... | 19·4 | +6 | WSW | 3 | 2o | 50 | 48 | 6 | 2 | - | - | 3 | 3 | - | 20 | - |
| | St. Eval ... | 19·7 | +6 | WSW | 4 | 2o | 49 | 49 | 5 | 5 | 7 | 7 | 8 | 2 | 4 | 10 | - |
| | The Lizard | 19·1 | +12 | W'S | 2 | 2o | 49 | 49 | 6 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Scilly, St. Marys | 19·2 | +8 | WNW | 2 | c/F | 50 | 50 | 6 | 5 | 2 | - | 8 | 4 | 4 | 8 | 40 |
| 6 | Fairwood ... | 17·3 | +30 | W | 4 | 2o | 49 | 45 | 6 | 5 | 7 | - | 7 | 2 | 6 | 25 | 72 |
| | Pembroke ... | 17·4 | +22 | SW'S | 4 | 2o | 48 | 45 | 6 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Aberporth ... | 16·4 | +26 | WSW | 3 | c | 49 | 44 | 7 | 5 | 7 | - | 6 | 3 | 5 | 20 | 57 |
| 7 | Penrhos ... | 14·6 | +32 | S | 3 | c-bc | 50 | 46 | 7 | 2 | 6 | 2 | 5 | 4 | 3 | 20 | - |
| | Holyhead, Valley | 14·6 | +38 | WSW | 4 | bc | 47 | 43 | 7 | 5 | 4 | - | 4 | 4 | 3 | 20 | - |
| | Hawarden ... | 13·7 | +48 | WNW | 4 | c-bc | 51 | 43 | 8 | 8 | - | - | 5 | 5 | - | 20 | - |
| 8 | Manchester | 11·5 | +34 | W'N | 6 | 2o | 49 | 43 | 6 | 2 | 6 | - | 4 | 4 | 3 | 25 | - |
| | Squires Gate | 11·9 | +46 | W | 5 | 2o | 44 | 40 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Silloth ... | 08·3 | +42 | W'N | 4 | b | 49 | 39 | 7 | 2 | 6 | - | 2 | 2 | 1 | 25 | - |
| 9 | Ashbourne ... | 11·3 | +32 | W | 6 | b-bc | 49 | 40 | 7 | 2 | - | - | 3 | 3 | - | 15 | - |
| | Snaith ... | 07·9 | +26 | W'N | 6 | c-bc | 50 | 43 | 7 | 5 | 3 | - | 5 | 4 | 3 | 25 | - |
| 10 | Spurn Head | 06·3 | +22 | W'N | 7 | c | 45 | 42 | 6 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Leeming | 06·2 | +42 | NW | 6 | bc | 51 | 42 | 8 | 8 | 6 | 1 | 4 | 1 | 3 | 15 | 25 |
| | Tynemouth | 05·0 | +36 | W | 5 | 2o | 51 | 42 | 6 | 5 | - | - | 4 | 4 | - | 22 | - |
| | Acklington | 03·9 | +46 | WNW | 5 | bc | 49 | 39 | 8 | - | 6 | 2 | 4 | 3 | 4 | 100 | - |
| 11 | St. Abb's Head | 03·3 | +50 | WNW | 5 | b-bc | 47 | 38 | 8 | 4 | 4 | - | 3 | 3 | 1 | 25 | - |
| | Leuchars ... | 04·2 | +46 | WNW | 4 | bc | 48 | 37 | 8 | - | 4 | 4 | 4 | 3 | 4 | - | - |
| | Montrose ... | 03·5 | +50 | NW | 4 | bc | 48 | 36 | 8 | - | 4 | 2 | 4 | 2 | 4 | - | - |
| 12 | Abbotsinch | 06·6 | +28 | W | 2 | bc | 50 | 43 | 8 | 5 | - | 6 | 4 | 2 | 3 | 20 | - |
| | Prestwick ... | 08·1 | +30 | W'N | 6 | b-bc | 51 | 39 | 7 | 2 | - | 1 | 3 | 3 | 2 | 30 | - |
| | West Freugh | 09·3 | +38 | WNW | 4 | c-bc | 48 | 42 | 7 | 5 | - | - | 5 | 4 | 3 | 20 | 40 |
| | Eskdalemuir | 05·2 | +36 | NW | 5 | b | 46 | 40 | 8 | 2 | - | - | 2 | 2 | - | 21 | - |
| | Jurby, I. of Man | 10·9 | +34 | SW | 4 | c-bc | 47 | 43 | 7 | 5 | 7 | - | 5 | 3 | 4 | 25 | 40 |
| 13A | Machrihanish | 08·5 | +20 | W | 4 | bc | 47 | 43 | 7 | 5 | 3 | - | 4 | 1 | 3 | 15 | 25 |
| | Tiree ... | 08·2 | +28 | WSW | 3 | c | 47 | 44 | 7 | 5 | - | - | 6 | 2 | 5 | 30 | 40 |
| | Oban ... | 07·7 | +26 | WSW | 2 | bc | 46 | 41 | 8 | 8 | - | 1 | 4 | 3 | 4 | 20 | 40 |
| 13B | Stornoway ... | 02·8 | +30 | SW | 4 | b-bc | 46 | 41 | 7 | 5 | 4 | - | 3 | 3 | 1 | 25 | - |
| | Cape Wrath | 01·7 | +30 | SW | 4 | c/f | 43 | 42 | 8 | 5 | 7 | - | 8 | 5 | - | 15 | - |
| 15 | Dalwhinnie | 04·3 | +38 | NW | 4 | b | 41 | 30 | 8 | 1 | - | 5 | 2 | 1 | 2 | 22 | - |
| | Aberdeen ... | 02·1 | +44 | WNW | 4 | c-bc | 44 | 34 | 8 | 5 | 4 | 8 | 5 | 2 | 3 | 40 | - |
| | Fraserburgh | 00·2 | +52 | WNW | 5 | c-bc | 45 | 41 | 7 | - | - | 6 | 5 | 5 | - | - | - |
| | Alness ... | 03·4 | +38 | W'S | 6 | b-bc | 44 | 37 | 8 | 2 | - | 8 | 3 | 1 | 3 | 25 | - |
| | Wick ... | 01·4 | +46 | W | 3 | bc | 43 | 38 | 8 | 5 | - | 8 | 4 | 3 | 3 | 10 | - |
| 16 | Hatston ... | 99·2 | +42 | W | 5 | b-bc | 45 | 40 | 7 | - | - | 6 | 3 | 3 | - | 0 | - |
| | Sumburgh ... | 97·1 | +28 | W | 3 | 2o | 45 | 41 | 6 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Sullom Voe | 96·0 | +20 | SSW | 4 | c | 42 | 39 | 8 | 5 | 2 | - | 7 | 5 | 7 | 15 | - |
| 17 | Blacksod Point † | 10·8 | +6 | SW'S | 2 | c | 47 | 43 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| 18 | Malin Head † | 08·7 | +22 | SSW | 3 | c-bc | 47 | 43 | 8 | 5 | - | 5 | 5 | 4 | - | 15 | - |
| | Aldergrove | 10·7 | +20 | WSW | 3 | bc | 47 | 41 | 7 | 5 | - | - | 4 | 4 | - | 20 | - |
| | Cas. Archdale | 11·6 | +18 | W | 4 | c-bc | 49 | 43 | 8 | 8 | 6 | 6 | 5 | 3 | 1 | 30 | - |
| 19 | Birr Castle ... † | 13·1 | 0 | W | 1 | c | 48 | 44 | 8 | 5 | 1 | - | 8 | 5 | - | 25 | - |
| | Collinstown † | 12·5 | +14 | W'S | 4 | c | 49 | 45 | 8 | 5 | - | 6 | 6 | 1 | - | 9 | - |
| 20 | Foynes ... † | 14·0 | +6 | S | 2 | c | 49 | 45 | 8 | 5 | 2 | - | 8 | 5 | - | 23 | - |
| | Valentia ... † | 13·4 | -6 | SE | 4 | c | 49 | 47 | 8 | 5 | 2 | - | 8 | 2 | - | 9 | - |
| | Roches Point † | 16·0 | +18 | W | 2 | c | 47 | 45 | 7 | 5 | - | - | 6 | 6 | - | 15 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

| 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) | Height of Base Hundreds of feet. B. (32) | State of Ground. ‡ 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 17·5 | +8 | SW | 3 | 2o | 47 | 43 | 5 | 5 | 2 | - | 8 | 6 | 2 | 21 | - | 1 |
| | Croydon ... | 18·0 | +10 | W'S | 4 | 2o | 48 | 41 | 5 | - | 7 | 7 | 8 | 4 | 8 | - | - | 1 |
| | Boscombe Down | 18·5 | +6 | S'W | 2 | c | 45 | 44 | 7 | 5 | 7 | - | 8 | 5 | 8 | 30 | - | 1 |
| | Thorney Island | 19·0 | +12 | SW | 2 | 2o | 46 | 44 | 5 | - | 7 | - | 7 | 7 | - | 150 | - | 1 |
| | Friston ... | | | | | | | | | | | | | | | | | |
| | Lympne ... | 18·2 | +16 | W | 2 | 2o | 47 | 43 | 6 | - | 7 | - | 6 | 6 | - | - | - | 1 |
| | Manston ... | 17·5 | +26 | W | 3 | 2o | 49 | 41 | 6 | - | 7 | 7 | 8 | 4 | 8 | 25 | - | 1 |
| 2 | North Weald | 17·6 | +10 | WSW | 3 | 2o | 48 | 41 | 5 | - | 7 | 7 | 8 | 6 | 8 | 30 | - | 1 |
| | Felixstowe ... | 16·3 | +18 | W | 3 | 2o | 46 | 41 | 6 | 5 | - | 2 | 8 | 3 | 8 | 20 | - | 0 |
| | Gorleston ... | 14·5 | +34 | NW'W | 3 | 2o | 47 | 44 | 6 | 5 | - | - | 4 | 4 | - | 30 | - | 1 |
| | Mildenhall | 16·1 | +28 | SW'W | 1 | 2o | 45 | 42 | 6 | 5 | 3 | 6 | 7 | 3 | 4 | 30 | - | 1 |
| | Bircham Newton | 15·4 | +28 | WSW | 3 | 2o | 44 | 39 | 6 | - | - | 8 | 4 | 4 | - | - | - | 1 |
| | Cranwell ... | 15·2 | +18 | W'N | 4 | 2o | 46 | 41 | 6 | - | 2 | - | 7 | 9 | - | - | - | 1 |
| 3 | Cranfield ... | 16·9 | +16 | WNW | 3 | c | 46 | 41 | 7 | - | 2 | - | 7 | 7 | - | - | - | 1 |
| | Honiley ... | 16·5 | +8 | SSW | 2 | 2o | 46 | 41 | 6 | - | 2 | - | 8 | 8 | - | - | - | 1 |
| 4 | Little Rissington | 16·6 | +8 | WSW | 3 | c | 44 | 41 | 6 | - | 7 | - | 8 | 8 | - | 120 | - | 1 |
| | Shobden ... | 16·4 | +8 | SSW | 2 | c | 45 | 43 | 7 | 5 | 7 | - | 8 | 5 | 8 | 25 | - | 2 |
| 5 | Bristol ... | 18·0 | +2 | - | 0 | 2o | 46 | 45 | 5 | 5 | - | - | 8 | 8 | - | 40 | - | 1 |
| | Chivenor ... | 16·3 | -10 | SE | 2 | 2o | 50 | 46 | 6 | 5 | - | - | 5 | 8 | - | 25 | - | 1 |
| | Yeovilton | 17·8 | +2 | S | 2 | 2o | 47 | 45 | 6 | 5 | 2 | - | 8 | 5 | 8 | 30 | 72 | 1 |
| | Portland Bill | 18·9 | +6 | SW | 4 | 0 | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 45 | - | 1 |
| | Exeter ... | 17·7 | -2 | S | 3 | 2o | 50 | 47 | 6 | 5 | - | - | 8 | 4 | 4 | 8 | 15 | 1 |
| | Plymouth ... | 17·6 | -10 | SW | 3 | 2o | 50 | 50 | 4 | 5 | 2 | - | 8 | 5 | 8 | 15 | - | 1 |
| | St. Eval ... | 16·6 | -10 | S'E | 4 | vr | 50 | 50 | 4 | 5 | 2 | - | 8 | 5 | 8 | 2 | 8 | 1 |
| | The Lizard | 16·4 | -12 | SW | 5 | df | 49 | 49 | 3 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| | Scilly, St. Marys | 14·7 | -16 | SW'S | 5 | r4 | 50 | 50 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| 6 | Fairwood ... | 16·8 | -4 | S'E | 2 | c/f | 44 | 44 | 4 | 5 | - | - | 8 | 5 | 8 | 3 | 15 | 1 |
| | Pembroke ... | 14·3 | -12 | SE'S | 4 | 2o | 46 | 46 | 6 | 5 | - | - | 7 | 7 | - | 20 | - | 1 |
| | Aberporth ... | 14·8 | -12 | S'E | 3 | c | 47 | 44 | 7 | 5 | 7 | - | 8 | 4 | 7 | 8 | 25 | 1 |
| 7 | Penrhos ... | 14·5 | -10 | SSE | 3 | 2o | 43 | 43 | 6 | 5 | 2 | - | 8 | 5 | 8 | 3 | - | 1 |
| | Holyhead, Valley | 14·7 | -6 | SSE | 4 | 2o | 44 | 43 | 6 | 5 | 7 | - | 8 | 3 | 8 | 20 | 57 | 1 |
| | Hawarden ... | 15·3 | +2 | S | 2 | c | 46 | 42 | 7 | 5 | 2 | - | 8 | 8 | - | 20 | - | 1 |
| 8 | Manchester | 18·3 | +2 | S'W | 2 | 2o | 45 | 41 | 5 | 5 | - | - | 8 | 8 | - | 40 | - | 1 |
| | Squires Gate | 14·4 | 0 | W | 2 | 2o | 43 | 41 | 6 | 5 | 7 | - | 8 | 5 | 8 | 20 | - | 1 |
| | Silloth ... | 12·9 | +2 | SSW | 2 | 2o | 44 | 40 | 6 | 5 | 2 | 7 | 8 | 3 | 4 | 48 | - | 1 |
| 9 | Ashbourne ... | 15·7 | +10 | WSW | 2 | 2o | 44 | 41 | 6 | 5 | 7 | - | 8 | 2 | 8 | 20 | - | 1 |
| | Snaith ... | 15·1 | +38 | W'S | 4 | 2o | 44 | 41 | 6 | - | 7 | 6 | 7 | 4 | 7 | 150 | - | 1 |
| 10 | Spurn Head | 13·3 | +24 | W | 4 | b-bc | 42 | 38 | 6 | 2 | - | - | 3 | 3 | - | - | - | 0 |
| | Leeming | 13·3 | +24 | - | 0 | c-bc | 45 | 37 | 8 | - | 1 | 6 | 3 | 1 | 5 | - | - | 1 |
| | Tynemouth | 12·9 | +20 | W | 4 | 2o | 45 | 38 | 6 | 2 | - | - | 3 | 3 | - | - | - | 1 |
| | Acklington | 11·4 | +26 | W'N | 4 | b-bc | 42 | 37 | 7 | - | 4 | - | 3 | 3 | - | 130 | - | 1 |
| 11 | St. Abb's Head | 10·6 | +60 | SW | 3 | b-bc | 45 | 35 | 8 | 4 | 4 | - | 3 | 2 | 2 | 25 | - | 1 |
| | Leuchars ... | 10·4 | +24 | SW | 3 | b-bc | 41 | 35 | 8 | - | - | 1 | 3 | 2 | - | - | - | 2 |
| | Montrose ... | 09·8 | +26 | W | 2 | b | 39 | 33 | 8 | - | 4 | 1 | 2 | 1 | 2 | - | - | 2 |
| 12 | Abbotsinch | 11·5 | +12 | SSW | 1 | 2o | 42 | 40 | 5 | 5 | - | 1 | 4 | 3 | 3 | 30 | - | 2 |
| | Prestwick ... | 12·2 | +8 | S'W | 2 | 2o | 42 | 39 | 6 | 5 | 3 | 6 | 8 | 4 | 4 | 50 | - | 1 |
| | West Freugh | 12·0 | +2 | SSW | 1 | 2o | 45 | 41 | 6 | 5 | 2 | - | 8 | 4 | 8 | 20 | - | 1 |
| | Eskdalemuir | 13·1 | +26 | W | 3 | b-bc | 38 | 33 | 8 | 7 | - | - | 3 | 3 | - | 25 | - | 1 |
| | Jurby, I. of Man | 12·7 | -10 | S'W | 2 | c | 43 | 41 | 7 | 5 | 7 | - | 8 | 4 | 8 | 40 | - | 1 |
| 13A | Machrihanish | 11·0 | -2 | ESE | 2 | 2o | 43 | 41 | 6 | 5 | 7 | 7 | 8 | 3 | 4 | 30 | - | 0 |
| | Tiree ... | 09·1 | 0 | S'E | 3 | c | 44 | 43 | 7 | 5 | 7 | - | 8 | 4 | 8 | 40 | - | 1 |
| | Oban ... | 11·4 | +6 | S | 2 | c | 42 | 41 | 7 | 5 | - | 7 | 8 | 5 | 8 | 30 | - | 4 |
| 13B | Stornoway ... | 05·6 | -2 | SSW | 5 | bc | 43 | 41 | 7 | 5 | 4 | 6 | 4 | 3 | 2 | 20 | - | 1 |
| | Cape Wrath | 03·9 | +6 | SW | 5 | c-bc/fr | 44 | 42 | 8 | 5 | 2 | - | 5 | 4 | - | 25 | - | 1 |
| 15 | Dalwhinnie | 09·5 | +14 | W | 1 | b | 37 | 31 | 7 | 1 | - | 5 | 2 | 1 | 2 | 26 | - | 4 |
| | Aberdeen ... | 08·9 | +24 | ESE | 1 | bf+ | 41 | 28 | 3 | - | - | 1 | 1 | 1 | - | 280 | - | 4 |
| | Fraserburgh | 08·7 | +34 | W | 3 | b | 39 | 34 | 8 | - | - | 1 | 1 | 1 | - | - | - | 1 |
| | Alness ... | 07·6 | +14 | WSW | 3 | b-bc | 42 | 37 | 8 | 5 | 4 | 8 | 3 | 1 | 1 | 25 | - | 7 |
| | Wick ... | 05·7 | +14 | SW | 4 | b | 38 | 35 | 8 | - | 4 | 5 | 2 | 1 | 2 | - | - | 1 |
| 16 | Hatston ... | 05·3 | +22 | SW'W | 5 | 2o | 45 | 38 | 6 | 5 | - | - | 7 | 5 | 7 | 18 | 25 | 4 |
| | Sumburgh ... | 02·2 | +30 | WSW | 5 | 2o | 44 | 42 | 6 | 5 | - | 1 | 3 | 1 | 3 | 10 | - | 1 |
| | Sullom Voe | 03·1 | +26 | SW | 5 | c-bc | 42 | 38 | 7 | 5 | 3 | 2 | 5 | 4 | 3 | 18 | - | 6 |
| 17 | Blacksod Point † | 06·8 | -26 | S | 2 | c | 47 | 43 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 2 |
| 18 | Malin Head † | 07·8 | -14 | SSW | 2 | c | 45 | 43 | 8 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| | Aldergrove | 11·7 | -6 | SE | 2 | c | 43 | 41 | 7 | 5 | 7 | - | 8 | 3 | 8 | 15 | - | |
| | Cas. Archdale | 09·9 | -20 | SE | 2 | 2o | 44 | 42 | 6 | 5 | 2 | - | 8 | 1 | 4 | 8 | 15 | 1 |
| 19 | Birr Castle ... † | 08·5 | -30 | S | 2 | c | 47 | 43 | 8 | 5 | 2 | - | 8 | 5 | - | 25 | - | 1 |
| | Collinstown † | 11·8 | -12 | ENE | 2 | c | 43 | 41 | 8 | 5 | 7 | - | 8 | 4 | - | 31 | - | 1 |
| 20 | Foynes ... † | 07·8 | -34 | SE'E | 4 | a/r | 49 | 47 | 7 | 5 | - | - | 7 | 7 | - | 22 | - | 1 |
| | Valentia ... † | 06·8 | -26 | SSE | 5 | id. | 51 | 49 | 6 | 6 | - | - | 7 | 7 | - | 7 | - | 1 |
| | Roches Point † | 08·3 | -46 | SSE | 4 | rf | 48 | 47 | 3 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |

## OBSERVATIONS during DAY

| District | Stations. | Weather. 06h.-12h. (34) | Weather. 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|---|
| 1 | Kew ... | irb, cbc | bccm | 53 | 3·9 | Tr |
| | Croydon ... | cirbc | bc, c, cz | 53 | 5·2 | - |
| | Boscombe Down | ccircbc | c | 54 | 2·5 | 0·1 |
| | Thorney Island | oircbcm | bcomcm | 54 | * | Tr |
| | Friston ... | | | | | |
| | Lympne ... | omc | ccm | 52 | 4·1 | - |
| | Manston ... | bcb | cbcz | 55 | 5·3 | - |
| 2 | North Weald | cdcmcmbc | cbccm | 54 | * | - |
| | Felixstowe ... | bcz bcm | bcz cz | 52 | 4·8 | - |
| | Gorleston ... | ircq | cqbcz | 53 | 2·0 | 0·1 |
| | Mildenhall | bcpr | cbcc | 54 | 3·2 | Tr |
| | Bircham Newton | bcc | cbz | 52 | 2·9 | - |
| | Cranwell ... | cprmbc | cbczcm | 52 | 3·3 | Tr |
| 3 | Cranfield ... | cmbbc | c | 53 | * | - |
| | Honiley ... | ccprb | cm | 53 | 4·0 | Tr |
| 4 | Little Rissington | bcprbc | bccm | 51 | * | Tr |
| | Shobden ... | bccprbc | bc, c | 55 | * | Tr |
| 5 | Bristol ... | cbccm | cm | 50 | 0·0 | Tr |
| | Chivenor ... | cbccm | cmrm | 51 | 0·0 | 9 |
| | Yeovilton | bcc | c | 56 | * | 0·5 |
| | Portland Bill | c | co | 47 | * | - |
| | Exeter ... | bcc | ccm | 53 | 0·7 | Tr |
| | Plymouth ... | cmbcm | cmrm | 51 | 2·7 | 7 |
| | St. Eval ... | cm | cmbcrm | 52 | * | 3 |
| | The Lizard | cmf2 | vrdf | 50 | 0·3 | 10 |
| | Scilly, St. Marys | cFFc | ovrrf | 51 | 0·0 | 9 |
| 6 | Fairwood ... | bccm | cmcmof | 50 | * | 0·5 |
| | Pembroke ... | bccm | oicm | 48 | 0·0 | 5 |
| | Aberporth ... | bc | c | 50 | 1·3 | 0·2 |
| 7 | Penrhos ... | bcc | bccm | 50 | 3·0 | Tr |
| | Holyhead, Valley | bcbcbbcm | bc, bcm, cm | 48 | * | 0·2 |
| | Hawarden ... | bcc | cbcc | 52 | 3·4 | 0·2 |
| 8 | Manchester | czprcbm | bczm | 50 | | 0·1 |
| | Squires Gate | crrm | cm | 47 | * | 0·2 |
| | Silloth ... | cmprmcb | b, bc, bcm | 50 | * | 0·2 |
| 9 | Ashbourne ... | cmcprm | bbc, c, cm | 49 | * | 2 |
| | Snaith ... | cidc | bczm | 51 | 4·0 | - |
| 10 | Spurn Head | c | bcm | 48 | 2·3 | - |
| | Leeming | cbccbc | bcc | 53 | 5·6 | - |
| | Tynemouth | cbcm | bbcm | 53 | * | - |
| | Acklington | crrmbc | bcb | 52 | * | Tr |
| 11 | St. Abb's Head | c | b | 50 | * | Tr |
| | Leuchars ... | cmcid | cbcb | 49 | 6·1 | - |
| | Montrose ... | crrmbc | bcbyb | 53 | 6·2 | Tr |
| 12 | Abbotsinch | crrm | bcm | 50 | 4·6 | - |
| | Prestwick ... | irrmbc | bccm | 51 | * | - |
| | West Freugh | cbc | bcc | 50 | * | - |
| | Eskdalemuir | crrmir | b | 49 | 5·7 | Tr |
| | Jurby, I. of Man | cprprjpc | c | 47 | * | - |
| 13A | Machrihanish | prcbc | bccbcc | 47 | * | - |
| | Tiree ... | cmcb | cbcc | 49 | 4·1 | Tr |
| | Oban ... | crrmcbc | bc, c | 47 | * | * |
| 13B | Stornoway ... | cbcf | bc | 47 | 5·1 | - |
| | Cape Wrath | ccif | ajf | 45 | * | - |
| 15 | Dalwhinnie | cbc | bccbc | 46 | 5·1 | - |
| | Aberdeen ... | cmc | cbcybf | 47 | 4·9 | - |
| | Fraserburgh | crrmc | bcb | 45 | * | - |
| | Alness ... | cbcb | bbc | 46 | 4·9 | - |
| | Wick ... | circbc | b | 44 | * | Tr |
| 16 | Hatston ... | rdcbc | bbcc | 45 | * | - |
| | Sumburgh ... | crrrrc | cbcm | 47 | 3·3 | 0·4 |
| | Sullom Voe | crrrrc | cbcc | 43 | * | - |
| 17 | Blacksod Point † | bc | b | 50 | * | - |
| 18 | Malin Head † | | | 49 | 2·1 | - |
| | Aldergrove | cmcbc | bcc | 49 | 3·5 | - |
| | Cas. Archdale | cbcb | ccm | 50 | * | - |
| 19 | Birr Castle ... † | | b | 49 | 0·0 | - |
| | Collinstown † | bc | b | 50 | 3·7 | Tr |
| 20 | Foynes ... † | c | bc | 49 | 0·0 | 1 |
| | Valentia ... † | c | cbc | 53 | 0·0 | 0·4 |
| | Roches Point † | c | bc | 48 | * | 1 |

* Information not usually received.

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 = 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.

‡ See footnote p. 4.

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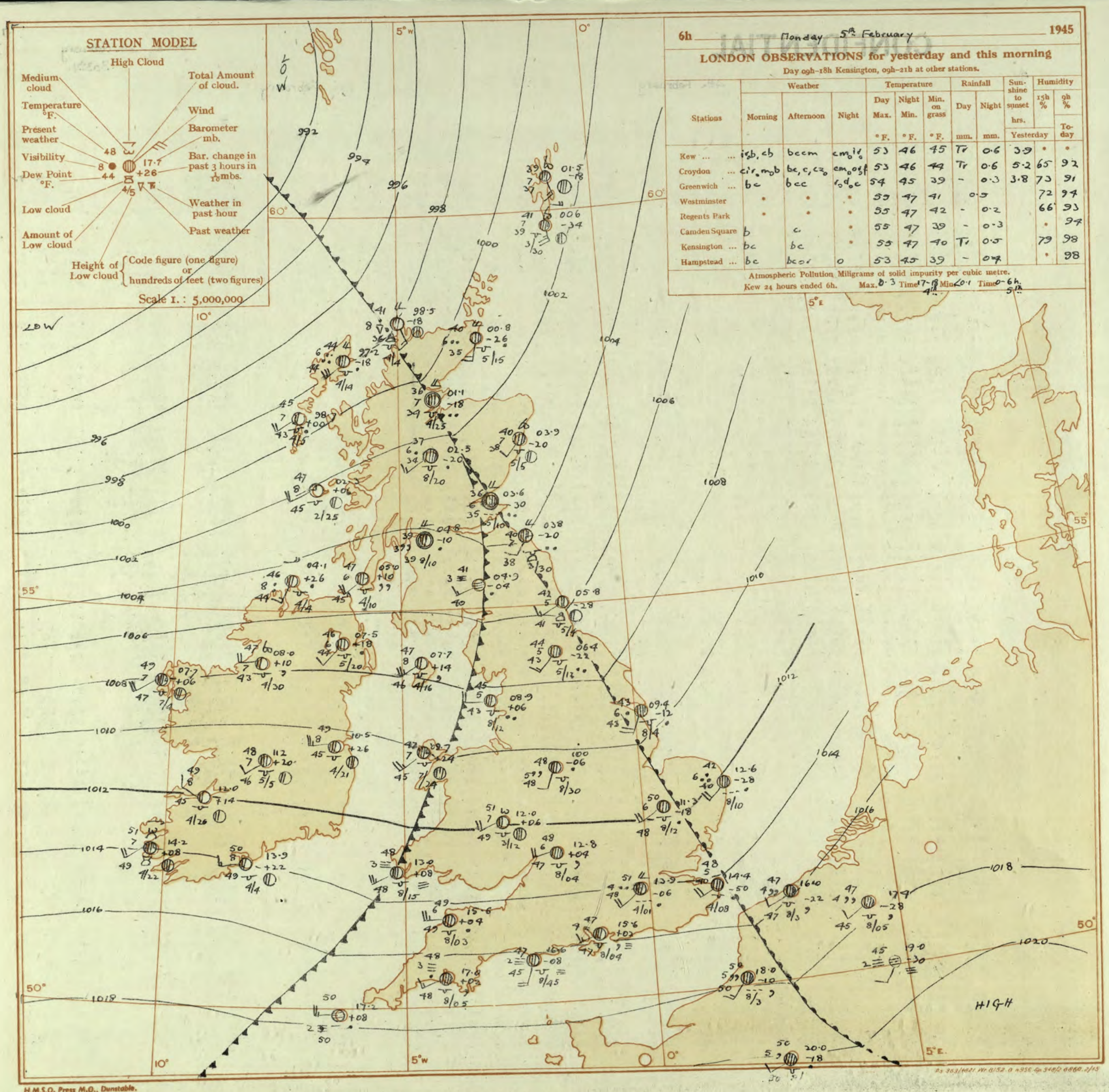
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.




6h Monday 5th February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | i₀b, cb | bccm | cm₀i₀ | 53 | 46 | 45 | Tr | 0.6 | 3.9 | • | • |
| Croydon ... | cir₀m₀b | bc, c, cz₀ | cm₀o₀f | 53 | 46 | 44 | Tr | 0.6 | 5.2 | 65 | 92 |
| Greenwich ... | bc | bcc | r₀d₀c | 54 | 45 | 39 | – | 0.3 | 3.8 | 73 | 91 |
| Westminster | • | • | • | 53 | 47 | 41 | | 0.5 | | 72 | 94 |
| Regents Park | • | • | • | 55 | 47 | 42 | – | 0.2 | | 66 | 93 |
| Camden Square | b | c | • | 55 | 47 | 39 | – | 0.3 | | • | 94 |
| Kensington ... | bc | bc | • | 55 | 47 | 40 | Tr | 0.5 | | 79 | 98 |
| Hampstead ... | bc | bcor | o | 53 | 45 | 39 | – | 0.4 | | • | 98 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.3 Time 17-18 Min. 0.1 Time 0-6h.

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

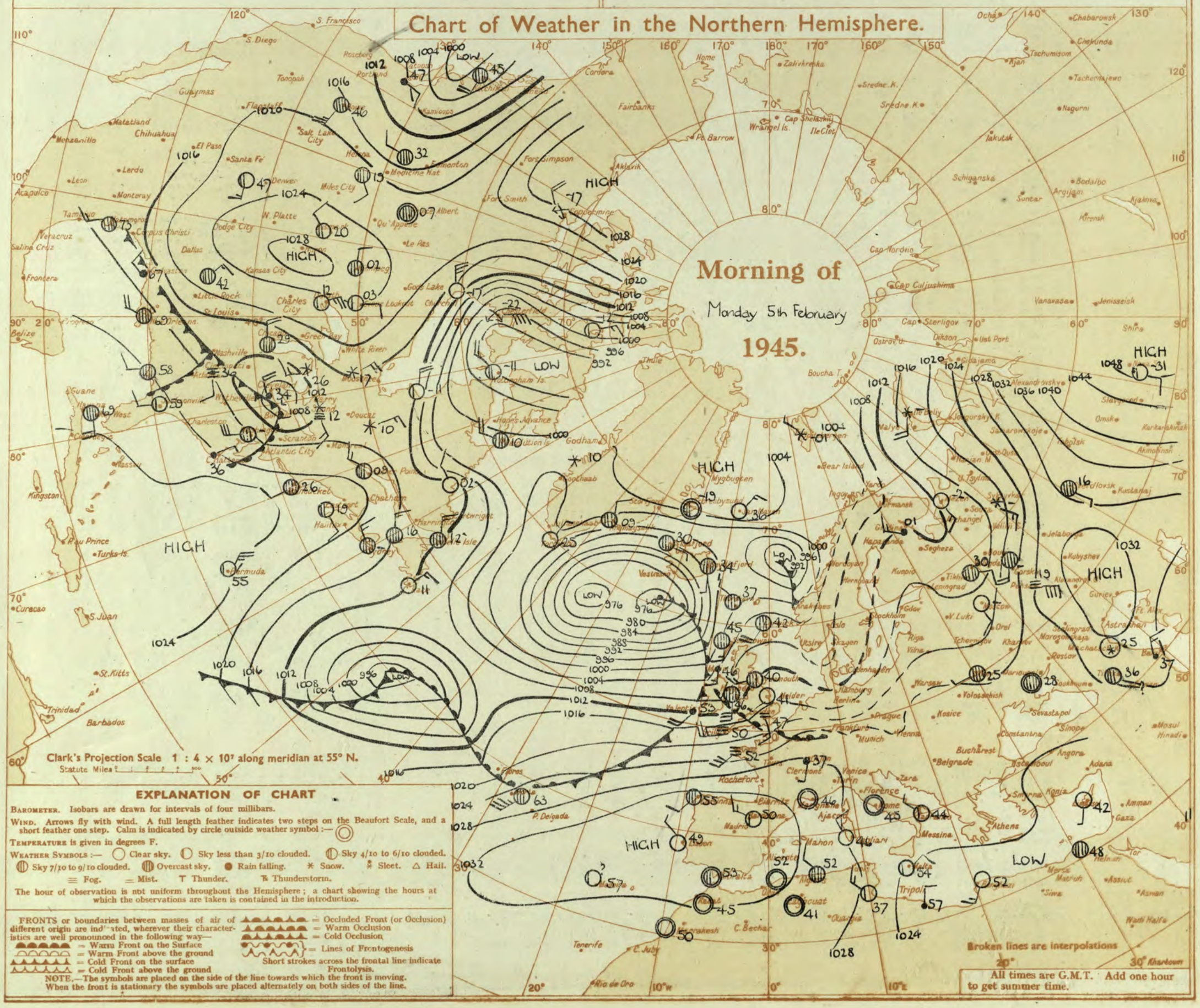
## GENERAL INFERENCE

A deep depression centred near Iceland is moving northwards and another developing system, at present well to the southwest, is moving rapidly towards Iceland. Weather will be fair at first over the British Isles apart from scattered thundery showers in the North. A belt of general rain will later spread northeast across the country, but rainfall amounts will be small in the Southeast. It will be mainly mild.

## FURTHER OUTLOOK

A period of mainly fair weather followed by renewal of unsettled southwesterly conditions.

# 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.

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.

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 5th February 1945

No. 30391.

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

| 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 | | * | * | * | * | 48 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 16.9 | -16 | S'E | 3 | m | 47 | 45 | 4 | 5 | - | - | 8 | 8 | - | 30 | - |
| | Boscombe Down | 417 | 16.6 | -8 | S'W | 3 | dd | 48 | 48 | 4 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Thorney Island | 10 | 17.1 | -16 | SSW | 3 | df | 46 | 46 | 3 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 19.1 | -2 | SW | 1 | df | 44 | 40 | 3 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Manston ... | 140 | 18.5 | 0 | SSW | 3 | zo | 45 | 42 | 6 | 5 | 7 | - | 5 | 4 | 5 | 50 | - |
| 2 | North Weald | 244 | 16.8 | -10 | SSW | 2 | m | 45 | 42 | 4 | 5 | - | - | 5 | 5 | - | 60 | - |
| | Felixstowe ... | 10 | 17.4 | +2 | – | 0 | zo | 41 | 40 | 6 | - | 1 | - | 8 | 8 | - | 120 | - |
| | Gorleston ... | 5 | 16.4 | +2 | SW | 1 | zo | 41 | 40 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Mildenhall | 15 | 16.0 | -6 | SSE | 3 | zo | 41 | 40 | 6 | 5 | 7 | - | 5 | 3 | 4 | 35 | - |
| | Bircham Newton | 221 | 16.1 | +4 | SSE | 1 | zo | 43 | 39 | 6 | - | 1 | - | 5 | 5 | - | - | - |
| | Cranwell ... | 203 | 14.7 | -6 | SE | 2 | zo | 39 | 39 | 6 | - | 2 | - | 8 | 8 | - | - | - |
| 3 | Cranfield ... | 340 | 15.5 | -18 | SSW | 4 | zo | 46 | 43 | 6 | 5 | - | 1 | 8 | 3 | 4 | 9 | 40 |
| | Honiley ... | 427 | 13.8 | -22 | SE | 3 | ir | 44 | 42 | 6 | 5 | - | - | 8 | 8 | - | 13 | - |
| 4 | Little Rissington | 731 | 14.2 | -22 | SSW | 3 | id | 45 | 41 | 5 | 5 | 2 | 7 | 8 | 5 | 8 | 2 | 15 |
| | Shobden ... | 318 | 12.9 | -20 | S | 1 | o/d | 46 | 46 | 5 | 5 | - | - | 8 | 8 | - | 7 | - |
| 5 | Bristol ... | 209 | 15.0 | -16 | SSW | 4 | rr | 50 | 49 | 6 | 6 | 2 | - | 8 | 5 | 8 | 10 | 25 |
| | Chivenor ... | 20 | 14.5 | -2 | WSW | 5 | dd | 50 | 49 | 6 | 5 | - | - | 8 | 4 | 8 | 5 | 8 |
| | Yeovilton | 50 | 15.2 | -14 | SSW | 2 | c | 50 | 49 | 5 | 5 | - | - | 8 | 8 | - | 9 | - |
| | Portland Bill | 32 | 17.2 | -12 | S | 4 | o | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter ... | 100 | 16.2 | -2 | SSW | 3 | c | 52 | 50 | 7 | 5 | - | - | 8 | 5 | 8 | 11 | 25 |
| | Plymouth ... | 86 | 16.2 | -2 | WSW | 4 | id | 49 | 49 | 4 | 5 | - | - | 8 | 8 | - | 4 | - |
| | St. Eval ... | 345 | 15.8 | +2 | S'W | 6 | df | 50 | 50 | 3 | 5 | - | - | 8 | 8 | - | 0 | - |
| | The Lizard | 240 | 15.8 | 0 | WSW | 5 | of | 49 | 49 | 3 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Scilly, St. Marys | 163 | 16.3 | +14 | W'S | 5 | F | 50 | 50 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| 6 | Fairwood ... | 268 | 13.4 | -10 | SW | 4 | df | 48 | 48 | 3 | 5 | - | - | 8 | 8 | - | 0 | - |
| | Pembroke ... | 142 | 11.6 | 0 | SW | 6 | F | 48 | 48 | 0 | - | - | - | 9 | 9 | - | 0 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 09.4 | -26 | S | 5 | dd | 47 | 47 | 4 | - | 2 | - | 8 | 8 | - | 3 | + |
| | Holyhead, Valley | 32 | 08.4 | -32 | SSE | 6 | o/d | 46 | 46 | 5 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Hawarden | 15 | 10.7 | -32 | SSE | 3 | zo | 45 | 44 | 6 | 5 | - | - | 8 | 4 | 8 | 30 | 57 |
| 8 | Manchester | 230 | 11.6 | -30 | S'E | 4 | ir | 47 | 39 | 4 | 5 | 2 | - | 8 | 4 | 8 | 29 | - |
| | Squires Gate | 30 | 10.5 | -30 | SE'S | 5 | ro | 44 | 41 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Silloth ... | 25 | 10.4 | -14 | NNE | 2 | zo | 38 | 38 | 6 | 5 | - | - | 8 | 8 | - | 57 | - |
| 9 | Ashbourne ... | 590 | 14.1 | -12 | SE | 2 | zo | 41 | 41 | 6 | 5 | 1 | - | 8 | 8 | - | 31 | - |
| | Snaith ... | 30 | 11.6 | -14 | SE | 3 | m | 40 | 39 | 4 | - | 7 | - | 8 | 8 | - | 150 | - |
| 10 | Spurn Head | 29 | 14.7 | -8 | SSW | 3 | bc | 41 | 38 | 7 | 5 | - | - | 4 | 4 | - | 40 | - |
| | Leeming | 105 | 12.6 | -8 | S'E | 2 | zo | 39 | 38 | 6 | 5 | - | - | 8 | 8 | - | 30 | - |
| | Tynemouth | 108 | 12.5 | -6 | WSW | 3 | zo | 40 | 38 | 6 | 2 | - | - | 6 | 6 | - | 25 | - |
| | Acklington | 138 | 11.0 | -10 | S | 1 | c | 37 | 34 | 7 | - | 1 | - | 8 | 8 | - | - | - |
| 11 | St. Abb's Head | 280 | 09.6 | -18 | S | 2 | c | 39 | 38 | 7 | 5 | 2 | - | 8 | 4 | 4 | 25 | 72 |
| | Leuchars ... | 31 | 09.6 | -8 | – | 0 | zo | 36 | 36 | 5 | - | 2 | - | 8 | 8 | - | - | - |
| | Montrose ... | 22 | 09.0 | -20 | NW | 1 | zo | 35 | 34 | 6 | - | - | 7 | 8 | 8 | - | - | - |
| 12 | Abbotsinch | 19 | 08.7 | -20 | E | 1 | of | 37 | 36 | 2 | 5 | - | - | 8 | 8 | - | 22 | - |
| | Prestwick ... | 30 | 07.9 | -28 | SE | 3 | c | 44 | 39 | 7 | - | 2 | - | 8 | 8 | - | 67 | - |
| | West Freugh | 53 | 07.5 | -34 | SE | 5 | ro | 42 | 41 | 6 | 5 | - | - | 8 | 8 | - | 18 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 08.6 | -30 | ENE | 4 | dd | 44 | 42 | 5 | 5 | 2 | - | 8 | 4 | 8 | 15 | 25 |
| 13A | Machrihanish | 35 | 07.0 | -24 | SE | 5 | ro | 45 | 43 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Tiree ... | 44 | 04.3 | -36 | SE'S | 4 | zo | 45 | 42 | 6 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Oban ... | 74 | 07.0 | -28 | – | 0 | c | 42 | 40 | 8 | 5 | 2 | - | 7 | 4 | 7 | 25 | - |
| 13B | Stornoway ... | 12 | 02.9 | -22 | SSE | 3 | c | 45 | 41 | 7 | 5 | 2 | - | 8 | 4 | 8 | 15 | 15 |
| | Cape Wrath | 367 | 04.0 | -6 | S | 2 | c | 42 | 37 | 8 | 5 | 1 | - | 6 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen ... | 79 | | | | | | 41 | | | | | | | | | | |
| | Fraserburgh | 76 | 07.5 | -16 | S | 3 | bc | 37 | 31 | 8 | - | 1 | - | 4 | 4 | - | - | - |
| | Alness ... | 63 | 05.6 | -22 | WNW | 1 | c | 35 | 33 | 7 | - | 2 | - | 8 | 8 | - | 60 | - |
| | Wick ... | 114 | 06.1 | -12 | – | 0 | c | 38 | 35 | 7 | 5 | 1 | - | 7 | 2 | 7 | 20 | - |
| 16 | Hatston ... | 45 | 05.7 | +10 | S | 2 | zo | 40 | 35 | 7 | 5 | - | - | 5 | 5 | - | 25 | - |
| | Sumburgh ... | 15 | 04.8 | +6 | WSW | 5 | zo | 43 | 41 | 6 | 5 | - | 7 | 7 | 7 | - | 200 | - |
| | Sullom Voe | 12 | 04.4 | +18 | SSW | 4 | c-bc | 42 | 40 | 7 | 5 | - | - | 5 | 5 | - | 20 | - |
| 17 | Blacksod Point † | 18 | 04.3 | +4 | SW'W | 3 | o/r | 49 | 48 | 7 | 5 | - | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 05.4 | -34 | SE'S | 4 | ro | 45 | 44 | 6 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Cas. Archdale | 240 | 05.3 | -22 | SE | 1 | ir | 43 | 43 | 6 | 5 | - | - | 8 | 8 | - | 6 | - |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 06.8 | -22 | WSW | 5 | o/d | 50 | 48 | 8 | 5 | - | - | 8 | 8 | - | 12 | - |
| 20 | Foynes ... † | 3 | 08.6 | +18 | W | 4 | ir | 53 | 51 | 6 | 5 | - | - | 7 | 7 | - | 13 | - |
| | Valentia ... † | 30 | 11.2 | +16 | SW'S | 4 | dr | 53 | 52 | 6 | 5 | - | - | 8 | 8 | - | 9 | - |
| | Roches Point † | 22 | 11.1 | +22 | W'S | 3 | c | 51 | 49 | 8 | 5 | - | - | 6 | 6 | - | 15 | - |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 13.6 | -4 | SW | 2 | ir | 48 | 47 | 6 | 5 | - | - | 8 | 8 | - | 18 | - | 1 |
| Croydon ... | 13.9 | -6 | SW | 4 | ro | 51 | 48 | 4 | 6 | 2 | - | 8 | 4 | 8 | 1 | 40 | 1 |
| Boscombe Down | 15.4 | -2 | W'S | 3 | c/d | 50 | 50 | 6 | 5 | - | - | 8 | 3 | 8 | 7 | 15 | 1 |
| Thorney Island | 15.6 | +2 | WSW | 3 | m/f | 47 | 47 | 4 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| Lympne ... | 15.3 | -12 | SW | 3 | F | 46 | 46 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Manston ... | 14.4 | -50 | SW | 4 | zo | 48 | 40 | 5 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 1 |
| North Weald | 15.3 | -6 | SSW | 3 | ir | 49 | 48 | 4 | 6 | - | - | 8 | 8 | - | 5 | - | 1 |
| Felixstowe ... | 13.7 | +20 | SW'S | 4 | ir | 41 | 41 | 5 | 5 | - | - | 8 | 8 | - | 18 | - | 0 |
| Gorleston ... | 12.6 | -28 | SW'S | 4 | rr | 42 | 40 | 6 | 6 | - | - | 8 | 8 | - | 10 | - | 1 |
| Mildenhall | 11.3 | -18 | SW'S | 4 | zo | 50 | 48 | 6 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| Bircham Newton | 10.7 | -28 | S | 4 | id | 47 | 47 | 5 | 6 | 2 | - | 8 | 5 | 8 | 3 | 5 | 1 |
| Cranwell ... | 09.5 | -16 | SW'W | 4 | zo | 50 | 48 | 6 | 5 | - | - | 7 | 4 | 7 | 20 | 40 | 1 |
| Cranfield ... | 12.6 | -6 | S'W | 4 | zo | 50 | 48 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 25 | 1 |
| Honiley ... | 11.9 | +8 | WSW | 4 | c | 49 | 48 | 7 | 5 | - | - | 8 | 4 | 8 | 10 | 15 | 1 |
| Little Rissington | 12.8 | +4 | WSW | 4 | zo | 48 | 47 | 6 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| Shobden ... | 12.0 | +6 | WSW | 4 | bc | 51 | 49 | 7 | 5 | 3 | - | 4 | 3 | 4 | 12 | 25 | 2 |
| Bristol ... | 16.6 | +20 | WSW | 4 | c/d | 51 | 50 | 6 | 5 | - | - | 8 | 8 | - | 3 | - | 1 |
| Chivenor ... | 15.6 | +4 | W'S | 5 | zo | 49 | 49 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 0 |
| Yeovilton | 14.7 | -2 | W | 2 | c | 53 | 51 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 1 |
| Portland Bill | 16.6 | -8 | S | 4 | f | 47 | 45 | 2 | 5 | - | - | 8 | 8 | - | 45 | - | 1 |
| Exeter ... | 15.6 | +4 | SSW | 2 | dd | 52 | 50 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Plymouth ... | 17.0 | +2 | WSW | 3 | rs | 48 | 48 | 3 | 5 | - | - | 8 | 8 | - | 5 | - | 1 |
| St. Eval ... | 17.1 | +6 | S'W | 4 | df | 49 | 49 | 3 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| The Lizard | 16.9 | 0 | W | 5 | cf | 49 | 49 | 1 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Scilly, St. Marys | 17.2 | +8 | W | 5 | df | 50 | 50 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Fairwood ... | 19.3 | +10 | W | 5 | rs | 48 | 48 | 2 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Pembroke ... | 13.0 | +8 | WSW | 5 | if | 48 | 48 | 3 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Aberporth ... | 13.0 | +12 | WSW | 5 | c/r | 49 | 49 | 7 | 5 | - | - | 7 | 3 | 7 | 8 | 15 | 1 |
| Penrhos ... | 11.4 | +12 | SW | 3 | zo | 47 | 47 | 6 | 8 | - | - | 4 | 3 | 4 | 10 | 25 | 1 |
| Holyhead, Valley | 09.9 | +24 | SW'W | 5 | c | 47 | 45 | 7 | 5 | - | - | 7 | 7 | - | 24 | - | 1 |
| Hawarden | 10.5 | +10 | WSW | 3 | zo | 51 | 47 | 6 | 5 | - | - | 8 | 7 | - | 15 | - | 1 |
| Manchester | 09.1 | 0 | SW'S | 4 | id | 49 | 48 | 5 | 5 | - | - | 8 | 4 | 8 | 13 | 25 | 1 |
| Squires Gate | 08.9 | +6 | W'S | 4 | c/r | 45 | 43 | 5 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| Silloth ... | 06.5 | 0 | WSW | 5 | b/r | 43 | 42 | 6 | 5 | - | - | 4 | 4 | - | 7 | - | 1 |
| Ashbourne ... | 10.0 | -6 | SSW | 2 | dd | 48 | 48 | 5 | 5 | - | - | 8 | 8 | - | 30 | - | 1 |
| Snaith ... | 08.5 | -16 | S'W | 2 | m | 47 | 45 | 4 | 5 | - | - | 8 | 8 | - | 21 | - | 1 |
| Spurn Head | 09.4 | +12 | SSW | 4 | ir | 43 | 43 | 6 | 5 | - | - | 8 | 8 | - | 16 | - | 1 |
| Leeming | 06.4 | -22 | SSW | 3 | c/r | 44 | 43 | 5 | 5 | - | - | 8 | 5 | 8 | 12 | 25 | 1 |
| Tynemouth | 05.8 | -28 | SW | 3 | zo | 42 | 41 | 5 | 8 | - | - | 5 | 5 | - | 15 | - | 1 |
| Acklington | 04.6 | -32 | SSW | 3 | c/d | 40 | 39 | 5 | 5 | 2 | - | 8 | 5 | 8 | 8 | 8 | 1 |
| St. Abb's Head | 03.8 | -20 | SSW | 2 | c/r | 40 | 38 | 7 | 4 | 2 | - | 7 | 3 | 4 | 30 | 70 | 0 |
| Leuchars ... | 03.6 | -30 | – | 0 | c/r | 36 | 35 | 6 | 6 | 2 | - | 8 | 4 | 8 | 10 | 25 | 2 |
| Montrose ... | 04.3 | -26 | NW | 1 | ro | 38 | 38 | 6 | 5 | 2 | - | 8 | 4 | 8 | 8 | 40 | 1 |
| Abbotsinch | 04.8 | -10 | – | 0 | dd | 39 | 39 | 3 | – | 2 | - | 8 | 8 | - | 10 | - | 2 |
| Prestwick ... | 04.6 | -2 | WSW | 4 | dd | 47 | 45 | 6 | 6 | - | - | 8 | 8 | - | 8 | - | 1 |
| West Freugh | 05.6 | +2 | WNW | 4 | bc | 47 | 45 | 8 | 5 | - | - | 4 | 4 | - | 20 | - | 1 |
| Eskdalemuir | 04.9 | -4 | WSW | 3 | rf | 41 | 40 | 3 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Jurby, I. of Man | 07.7 | +14 | SW | 5 | bc | 47 | 46 | 8 | 5 | - | - | 4 | 1 | 4 | 16 | 25 | 1 |
| Machrihanish | 05.0 | +10 | SW'W | 4 | c/d | 47 | 45 | 6 | 5 | - | - | 6 | 4 | 6 | 10 | 25 | 1 |
| Tiree ... | 02.3 | +6 | WSW | 4 | c | 47 | 45 | 8 | 5 | - | - | 2 | 2 | - | 25 | - | 2 |
| Oban ... | 03.6 | -4 | SSW | 4 | c/r | 46 | 46 | 7 | 8 | 6 | - | 6 | 4 | 5 | 15 | 25 | 1 |
| Stornoway ... | 97.2 | -18 | SSW | 6 | ro | 44 | 44 | 6 | 6 | 2 | - | 8 | 4 | 8 | 26 | 25 | 1 |
| Cape Wrath | 98.5 | -18 | SE | 3 | pr | 41 | 36 | 8 | 8 | 2 | - | 8 | 4 | - | 15 | - | 1 |
| Dalwhinnie | 02.5 | -20 | SW | 3 | ir | 37 | 34 | 6 | 5 | - | - | 8 | 8 | - | 20 | - | 4 |
| Aberdeen ... | 03.9 | -20 | SSW | 2 | c | 40 | 38 | 7 | 5 | 7 | - | 8 | 5 | 8 | 25 | - | 4 |
| Fraserburgh | 03.9 | -14 | SSW | 4 | ir | 39 | 39 | 6 | 5 | - | - | 8 | 5 | - | 15 | - | 1 |
| Alness ... | 01.1 | -18 | – | 0 | c/r | 36 | 34 | 7 | 5 | 2 | - | 8 | 4 | 8 | 25 | 40 | 6 |
| Wick ... | 00.8 | -26 | S | 4 | ro | 40 | 35 | 6 | 5 | 2 | - | 8 | 5 | 8 | 15 | 57 | 1 |
| Hatston ... | 00.2 | -38 | S | 4 | ir | 41 | 36 | 7 | 5 | 7 | - | 8 | 4 | 8 | 25 | - | 1 |
| Sumburgh ... | 00.6 | -34 | SE | 5 | c | 41 | 39 | 7 | 5 | 7 | 2 | 7 | 3 | 4 | 30 | - | 1 |
| Sullom Voe | 01.5 | -18 | SE'S | 3 | c-bc | 39 | 37 | 7 | - | 7 | - | 5 | 5 | 5 | - | - | 8 |
| Blacksod Point † | 07.7 | +6 | WSW | 4 | c | 49 | 47 | 7 | 5 | - | - | 7 | 7 | - | 15 | - | 2 |
| Malin Head † | 04.1 | +26 | SSW | 3 | ir | 46 | 44 | 8 | 5 | - | 2 | 5 | 4 | - | 15 | - | 2 |
| Aldergrove | 07.5 | +18 | SSW | 2 | zo | 46 | 44 | 6 | 5 | - | - | 5 | 5 | - | 20 | - | 1 |
| Cas. Archdale | 08.0 | +10 | W | 4 | bc | 47 | 43 | 7 | 5 | 7 | - | 4 | 4 | 1 | 30 | - | 1 |
| Birr Castle ... † | 11.2 | +20 | SW | 2 | c-bc | 48 | 46 | 7 | 5 | - | - | 5 | 5 | - | 25 | - | 1 |
| Collinstown † | 10.5 | +26 | W | 5 | c-bc | 49 | 45 | 8 | 5 | 3 | - | 5 | 4 | - | 23 | - | 1 |
| Foynes ... † | 12.0 | +14 | W'S | 5 | bc | 45 | 45 | 8 | 5 | - | - | 4 | 4 | - | 26 | - | 1 |
| Valentia ... † | 14.2 | +8 | SW'S | 4 | c | 37 | 43 | 7 | 3 | 6 | 3 | 7 | 4 | - | 22 | - | 1 |
| Roches Point † | 11.9 | +22 | W | 3 | bc | 50 | 49 | 8 | 5 | - | - | 4 | 4 | - | 15 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather. 18h.–00h. (39) | Weather. 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Temperature 21h.–09h. Min. on Grass °F. (42) | Rain 21h.–09h. mm. (43) |
|---|---|---|---|---|---|
| Kew ... | cm | cr c ir | 46 | 45 | 0.6 |
| Croydon ... | cm cm | or r f | 46 | 44 | 0.6 |
| Boscombe Down | cm f id m | cd d id c | 45 | 44 | 0.6 |
| Thorney Island | cm d f c d | d f m f m | 44 | 44 | 2 |
| Lympne ... | cm m | d d id f | 42 | 37 | 1 |
| Manston ... | c z m | f id ir m | 43 | 42 | 0.3 |
| North Weald | cm cm | m d x r m | 44 | * | 0.2 |
| Felixstowe ... | cm w | c i r m | 40 | 32 | 1 |
| Gorleston ... | b z | r r q z | 39 | 33 | 2 |
| Mildenhall | cm b m | cm r r | 40 | 35 | 0.4 |
| Bircham Newton | b m cm | c r r f c id m | 40 | 35 | 1 |
| Cranwell ... | cm b m cm | c r r m | 38 | 36 | 1 |
| Cranfield ... | c m | c d m r r m | 43 | 40 | Tr |
| Honiley ... | cm c | c c m | 42 | 36 | Tr |
| Little Rissington | cm c d m | c d m f d m | 42 | 41 | 0.5 |
| Shobden ... | id d d f | cm c i r m | 42 | 40 | 0.4 |
| Bristol ... | r r | r d c m | 47 | 47 | 3 |
| Chivenor ... | cm d d m | c d d r r m | 47 | 47 | 3 |
| Yeovilton | d d f | c c | 48 | * | |
| Portland Bill | R | o f f | 44 | * | 2 |
| Exeter ... | c i d m c | c i d f d d m | 43 | 47 | 4 |
| Plymouth ... | cm r | c f r d | 47 | 47 | 2 |
| St. Eval ... | c r r d d f | c d d e x f c f | 47 | * | 2 |
| The Lizard | o d f f | cm c | 48 | * | 1 |
| Scilly, St. Marys | o F F e | f f e r f | 49 | * | |
| Fairwood ... | o r r d d f | c c r r f | 43 | 43 | 6 |
| Pembroke ... | o d f | c m r f | 47 | * | 1 |
| Aberporth ... | * | c i r | 47 | 47 | 0.4 |
| Penrhos ... | o r r m d d m | o m o i d c m | 42 | 42 | 2 |
| Holyhead, Valley | c i d r r m | c m c | 44 | 41 | 0.3 |
| Hawarden | c m | c m. | 43 | 40 | 0.1 |
| Manchester | c m m i r | c r r o o m m | 43 | 39 | 0.3 |
| Squires Gate | c r | o r r m. | 43 | 38 | 2 |
| Silloth ... | b c c m | c r r m | 36 | 32 | 2 |
| Ashbourne ... | cm b m cm | c m o c i r m | 40 | 35 | 3 |
| Snaith ... | b m cm | r r o m l m | 38 | 35 | 2 |
| Spurn Head | bc | c r r b | 38 | * | 0.5 |
| Leeming | b c c m | c r m c m | 37 | 34 | 0.5 |
| Tynemouth | b c c m | o c m | 38 | 34 | 0.6 |
| Acklington | b c b m c | c m r r d d | 35 | 31 | 2 |
| St. Abb's Head | b c b c | i r r r c | 36 | * | 3 |
| Leuchars ... | b b c c m | c m c r r m | 34 | 31 | 4 |
| Montrose ... | b b m b b c m | c m r r m | 33 | 28 | 2 |
| Abbotsinch | b c m c f f | c f r r r d | 35 | 32 | 6 |
| Prestwick ... | c m c | r r d d m | 40 | 40 | 3 |
| West Freugh | c m r r m | r r m c m b c | 48 | 41 | 4 |
| Eskdalemuir | b c r r | c r r | 34 | 32 | 3 |
| Jurby, I. of Man | c m d d m | c d d r m c | 42 | 42 | 0.3 |
| Machrihanish | o z m | r r d g z | 45 | 42 | 6 |
| Tiree ... | c m | r r r m b c | 44 | 42 | 6 |
| Oban ... | b c c | c r r r r p r | 40 | * | * |
| Stornoway ... | b c c | c r r m. | 45 | 36 | 2 |
| Cape Wrath | b c c | c c p r | 35 | * | 2 |
| Dalwhinnie | * | e i r | 36 | 28 | 0.2 |
| Aberdeen ... | | b c c | 36 | 28 | 0.2 |
| Fraserburgh | b b c | b c c m o c i r m | 35 | * | 1 |
| Alness ... | b b c c | c c r r m c | 32 | 30 | 3 |
| Wick ... | b b c c | c b c c r r | 37 | 32 | 1 |
| Hatston ... | c b c c | c i r | 31 | * | 2 |
| Sumburgh ... | b c c m o | c m o c | 35 | 35 | 0.4 |
| Sullom Voe | c b c b | b c c b c c | 43 | 35 | Tr |
| Blacksod Point † | r | c | 45 | * | 0.2 |
| Malin Head † | * | r | 43 | * | 2 |
| Aldergrove | c r r m o | c r r o d d c m | 44 | 41 | 0.5 |
| Cas. Archdale | c m c i r m o | c d d d m b c | 42 | 40 | 1 |
| Birr Castle ... † | * | c | 47 | 45 | |
| Collinstown † | d | c | 42 | 40 | Tr |
| Foynes ... † | r | b | 48 | 43 | 0.4 |
| Valentia ... † | r | e | 49 | 46 | |
| Roches Point † | c | b | 47 | * | 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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

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

Tuesday 6th February 1945

No. 30392

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

| 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 | +10 | W'S | 3 | m₀ | 53 | 49 | 6 | 5 | – | – | 8 | 7 | 8 | 15 | 25 |
| | Croydon ... | 15·7 | +6 | W'S | 4 | m₀ | 53 | 49 | 6 | 5 | – | – | 8 | 5 | – | 8 | – |
| | Boscombe Down | 16·8 | +14 | WNW | 2 | m₀ | 52 | 51 | 5 | 5 | – | – | 6 | 2 | 6 | 8 | 15 |
| | Thorney Island | 17·3 | +10 | WSW | 2 | m₀ | 50 | 50 | 5 | 5 | 7 | – | 8 | 4 | 5 | 5 | 25 |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 16·2 | +6 | W | 4 | m | 49 | 49 | 4 | 5 | – | – | 8 | 5 | 8 | 3 | 8 |
| | Manston ... | 15·1 | +6 | WSW | 4 | e | 52 | 50 | 7 | 5 | – | 8 | 7 | 5 | 7 | 10 | – |
| 2 | North Weald | 14·7 | +4 | SW | 3 | m₀ | 53 | 49 | 5 | 5 | – | – | 7 | 7 | – | 12 | – |
| | Felixstowe ... | 14·2 | +12 | WSW | 4 | m₀ | 51 | 48 | 5 | – | – | 2 | 6 | 6 | – | – | – |
| | Gorleston ... | 13·3 | +14 | WNW | 3 | m₀ | 52 | 49 | 6 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Mildenhall | 12·9 | +8 | W'S | 5 | e | 54 | 50 | 7 | 1 | 3 | 8 | 7 | 2 | 7 | 16 | – |
| | Bircham Newton | 12·0 | +6 | WSW | 4 | z₀ | 53 | 49 | 6 | – | 7 | 2 | 5 | 3 | 5 | – | – |
| | Cranwell ... | 12·4 | +14 | W'S | 4 | z₀ | 52 | 48 | 5 | 5 | 7 | – | 5 | 4 | 4 | 20 | 40 |
| 3 | Cranfield ... | 14·1 | +10 | SW | 4 | z₀ | 52 | 48 | 6 | 5 | 7 | – | 6 | 5 | 5 | 10 | – |
| | Honiley ... | 12·9 | +2 | WSW | 3 | e | 52 | 48 | 7 | 7 | 7 | 4 | 8 | 1 | 4 | 10 | 25 |
| 4 | Little Rissington | 14·5 | +8 | WSW | 3 | z₀ | 51 | 58 | 6 | 5 | – | – | 5 | 3 | 5 | 10 | – |
| | Shobden ... | 14·6 | +10 | W'N | 5 | e | 54 | 51 | 8 | 8 | 7 | – | 6 | 4 | 4 | 20 | |
| 5 | Bristol ... | 16·4 | +10 | W | 5 | c-f | 48 | 48 | 3 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Chivenor ... | 18·9 | +26 | W | 2 | id₀ | 47 | 42 | 4 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Yeovilton | 17·4 | +22 | W | 3 | c-bc | 54 | 48 | 7 | 5 | 3 | – | 5 | 4 | 5 | 15 | 25 |
| | Portland Bill | 18·2 | +12 | W | 4 | c | 48 | 46 | 8 | 2 | – | – | 8 | 8 | · | 50 | – |
| | Exeter ... | 18·3 | +14 | WNW | 5 | c | 53 | 48 | 7 | 2 | – | – | 7 | 6 | 1 | 20 | – |
| | Plymouth ... | 19·8 | +18 | W'N | 4 | c-bc | 52 | 50 | 7 | 2 | – | – | 5 | 5 | – | 22 | – |
| | St. Eval ... | 20·6 | +14 | WSW | 3 | f- | 49 | 49 | 3 | – | – | – | 9 | 9 | – | 0 | – |
| | The Lizard | 19·5 | +14 | W | 4 | z₀ | 50 | 50 | 6 | 5 | – | – | 7 | 7 | – | 20 | – |
| | Scilly, St. Marys | 21·0 | +20 | W | 5 | b-bc | 51 | 51 | 6 | 5 | – | 2 | 3 | 3 | 2 | 13 | – |
| 6 | Fairwood ... | 17·6 | +20 | W | 4 | o/f | 48 | 48 | 4 | 5 | – | – | 8 | 3 | 8 | 2 | 4 |
| | Pembroke ... | 17·3 | +30 | S'W | 6 | z₀ | 47 | 47 | 6 | 5 | – | – | 8 | 8 | – | 20 | – |
| | Aberporth ... | 15·7 | +14 | WSW | 4 | z₀ | 50 | 48 | 6 | 3 | 2 | – | 5 | 5 | 3 | 30 | – |
| 7 | Penrhos ... | 14·5 | +18 | SW | 4 | c | 52 | 46 | 7 | 5 | 8 | 9 | 6 | 1 | 4 | 17 | 40 |
| | Holyhead, Valley | 14·4 | +14 | SW | 4 | c-bc | 47 | 43 | 7 | 5 | 7 | 6 | 5 | 3 | 4 | 20 | – |
| | Hawarden ... | 13·0 | +12 | SW'S | 3 | bc | 54 | 46 | 8 | 8 | – | – | 4 | 3 | 4 | 20 | 40 |
| 8 | Manchester | 12·8 | +16 | NW'W | 4 | z₀ | 50 | 46 | 5 | 2 | – | – | 6 | 3 | 6 | 10 | 25 |
| | Squires Gate | 12·2 | +16 | WSW | 3 | z₀ | 46 | 43 | 6 | 4 | 4 | 2 | 5 | 2 | 3 | 35 | – |
| | Silloth ... | 09·9 | +14 | SW | 4 | c | 45 | 43 | 7 | 8 | – | – | 7 | 3 | 6 | 12 | 25 |
| 9 | Ashbourne ... | 11·6 | +10 | WSW | 4 | z₀ | 51 | 46 | 6 | 5 | 7 | 2 | 6 | 3 | 5 | 15 | – |
| | Snaith ... | 11·9 | +18 | WSW | 5 | z₀ | 51 | 44 | 6 | 5 | 7 | 2 | 7 | 5 | 4 | 25 | – |
| 10 | Spurn Head | 10·9 | +4 | W | 4 | c | 48 | 45 | 6 | 4 | 4 | – | 8 | 5 | 3 | 15 | 37 |
| | Leeming | 08·7 | +6 | W | 5 | bc | 52 | 42 | 8 | 5 | – | 1 | 4 | 3 | 4 | 20 | – |
| | Tynemouth | 08·4 | +14 | W | 4 | z₀ | 51 | 42 | 6 | 2 | – | – | 4 | 4 | – | 15 | – |
| | Acklington | 05·8 | +2 | WSW | 7 | c-bc | 49 | 42 | 7 | 2 | 6 | 1 | 5 | 3 | 4 | 20 | – |
| 11 | St. Abb's Head | 05·6 | +30 | WSW | 4 | bc | 47 | 44 | 8 | 4 | 4 | – | 4 | 3 | 3 | 20 | – |
| | Leuchars ... | 05·0 | +14 | WSW | 4 | z₀ | 46 | 41 | 6 | 5 | 4 | 2 | 4 | 1 | 3 | 20 | 40 |
| | Montrose ... | 04·5 | +14 | SW | 3 | z₀ | 43 | 38 | 5 | 5 | 7 | – | 6 | 3 | 5 | 1 | 4 |
| 12 | Abbotsinch | 07·0 | +6 | W | 3 | bc | 49 | 45 | 8 | 8 | 3 | – | 4 | 3 | 3 | 14 | 25 |
| | Prestwick ... | 08·2 | +12 | SW'W | 5 | c/v | 48 | 44 | 6 | 8 | 3 | – | 8 | 3 | 4 | 20 | 40 |
| | West Freugh | 08·7 | +6 | WSW | 4 | c-bc | 49 | 43 | 8 | 8 | 3 | – | 5 | 4 | 2 | 20 | – |
| | Eskdalemuir | 07·9 | +22 | SW'S | 4 | e/pr | 45 | 41 | 7 | 5 | – | – | 7 | 7 | – | 14 | – |
| | Jurby, I. of Man | 11·0 | +6 | SW | 5 | b-bc | 47 | 46 | 7 | 5 | 7 | – | 3 | 3 | 4 | 12 | 40 |
| 13A | Machrihanish | 07·5 | +8 | SW | 4 | b-bc | 49 | 44 | 7 | 2 | 6 | – | 3 | 3 | 2 | 30 | – |
| | Tiree ... | 04·3 | +8 | SW | 5 | c-bc | 48 | 44 | 7 | 3 | – | – | 5 | 3 | 4 | 20 | – |
| | Oban ... | 06·7 | +18 | SW | 4 | bc/pr | 45 | 43 | 7 | 2 | – | – | 4 | 4 | – | 20 | – |
| 13B | Stornoway ... | 99·8 | +8 | SW | 4 | bc | 47 | 41 | 7 | 8 | – | 3 | 4 | 3 | 2 | 25 | – |
| | Cape Wrath | 95·5 | +12 | S | 4 | c-bc | 44 | 43 | 8 | 8 | 7 | – | 5 | 4 | – | 15 | – |
| 15 | Dalwhinnie | 04·0 | +12 | WNW | 3 | pr₀ | 41 | 35 | 7 | 5 | – | – | 7 | 7 | – | 20 | – |
| | Aberdeen ... | 03·3 | +12 | SW | 2 | z₀ | 45 | 36 | 6 | 7 | 4 | 9 | 4 | 1 | 1 | 25 | 40 |
| | Fraserburgh | 02·6 | +2 | WSW | 4 | c-bc | 45 | 41 | 7 | 5 | 7 | 2 | 5 | 2 | 4 | 30 | – |
| | Alness ... | 02·0 | +10 | W'N | 3 | b-bc | 45 | 39 | 8 | 2 | – | – | 3 | 3 | 3 | 25 | – |
| | Wick ... | 00·6 | +8 | SW | 3 | bc | 44 | 38 | 9 | 2 | 3 | 2 | 4 | 1 | 4 | 15 | – |
| 16 | Hatston ... | 99·1 | +4 | WSW | 6 | bc | 47 | 42 | 7 | – | 3 | 2 | 4 | 2 | 4 | – | – |
| | Sumburgh ... | 98·5 | –6 | SSW | 5 | v/ | 43 | 42 | 6 | 5 | 2 | – | 8 | 5 | 8 | 8 | – |
| | Sullom Voe | 98·3 | –4 | S'W | 4 | r₀r₀ | 42 | 40 | 5 | 6 | – | – | 8 | 6 | 8 | 10 | 15 |
| 17 | Blacksod Point† | 100 | +18 | SW | 4 | c | 49 | 41 | 7 | 8 | – | – | 7 | 7 | – | 8 | – |
| 18 | Malin Head † | 05·8 | +2 | W | 5 | c/jp | 48 | 44 | 8 | 9 | – | – | 6 | 6 | – | 25 | – |
| | Aldergrove | 09·5 | +4 | SSW | 3 | z₀ | 48 | 44 | 6 | 8 | 7 | 3 | 4 | 3 | 3 | 25 | – |
| | Cas. Archdale | 14·4 | +14 | SW | 4 | c-bc | 47 | 43 | 7 | 5 | 7 | 6 | 5 | 3 | 4 | 20 | – |
| 19 | Birr Castle ... † | 13·2 | +12 | WSW | 4 | c-bc | 51 | 44 | 8 | 8 | – | – | 5 | 5 | – | 15 | – |
| | Collinstown † | 12·5 | +8 | SW'W | 5 | c-bc/fv | 49 | 38 | 8 | 8 | – | – | 5 | 4 | – | 21 | – |
| 20 | Foynes ... † | 14·7 | +14 | W | 5 | c/jp | 53 | 45 | 8 | 9 | 6 | – | 7 | 7 | – | 21 | – |
| | Valentia ... † | 16·9 | +14 | WSW | 5 | bc | 52 | 46 | 8 | 3 | 6 | – | 4 | 3 | – | 22 | – |
| | Roches Point † | 16·8 | +10 | W | 3 | bc | 51 | 47 | 8 | 5 | – | – | 4 | 4 | – | 15 | – |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

## OBSERVATIONS at 18h. G.M.T. 5th February

| 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) | 21 h ‡ State of Ground. 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 17·4 | +12 | WSW | 3 | z₀ | 48 | 44 | 6 | 5 | – | – | 3 | 3 | – | 21 | – | 1 |
| Croydon ... | 17·7 | +10 | W | 4 | z₀ | 49 | 44 | 6 | – | 4 | – | 2 | 2 | – | 10 | – | 1 |
| Boscombe Down | 18·3 | +16 | WNW | 4 | c | 47 | 44 | 7 | 8 | – | – | 7 | 4 | 7 | 6 | 15 | 1 |
| Thorney Island | 20·2 | +26 | WSW | 3 | z₀ | 49 | 41 | 5 | – | 7 | 2 | 5 | 4 | 4 | – | – | 1 |
| Friston ... | | | | | | | | | | | | | | | | | |
| Lympne ... | 17·8 | +16 | WSW | 2 | b | 45 | 43 | 7 | – | 4 | – | 2 | 2 | – | – | – | 1 |
| Manston ... | 16·6 | +18 | SW'W | 3 | z₀ | 49 | 45 | 6 | – | 3 | – | 2 | – | 2 | – | – | 1 |
| North Weald | 16·5 | +4 | SW | 4 | z₀ | 49 | 44 | 6 | 2 | 4 | – | 3 | 1 | 2 | 25 | – | 1 |
| Felixstowe ... | 14·8 | +6 | SW | 3 | l | 45 | 43 | 6 | 7 | – | – | 1 | 1 | – | 20 | – | 0 |
| Gorleston ... | 12·6 | +4 | W | 2 | l | 50 | 46 | 6 | 9 | – | – | 3 | 3 | – | 15 | – | 1 |
| Mildenhall | 14·4 | +6 | WNW | 3 | c-bc/fv | 48 | 43 | 7 | 3 | – | – | 5 | 5 | – | 10 | – | 1 |
| Bircham Newton | 14·1 | +18 | WSW | 3 | l | 44 | 40 | 7 | 3 | 6 | – | 3 | 3 | 3 | 35 | – | 1 |
| Cranwell ... | 14·3 | +20 | W'S | 3 | z₀ | 45 | 40 | 6 | 4 | – | – | 3 | 3 | – | 25 | – | 1 |
| Cranfield ... | 15·5 | +6 | WSW | 4 | z₀ | 47 | 44 | 6 | 2 | – | – | 3 | 3 | – | 20 | – | 1 |
| Honiley ... | 16·0 | +20 | WSW | 4 | b-bc | 48 | 39 | 7 | 8 | 6 | – | 3 | 1 | 3 | 20 | 25 | 1 |
| Little Rissington | 17·2 | +18 | WSW | 4 | b/pr | 45 | 42 | 6 | 8 | – | – | 2 | 2 | – | 25 | – | 1 |
| Shobden ... | 17·2 | +20 | W | 5 | bc | 48 | 38 | 8 | 5 | 6 | 3 | 4 | 3 | 3 | 20 | – | 2 |
| Bristol ... | 19·2 | +10 | W | 5 | z₀ | 47 | 45 | 6 | 5 | 1 | – | 8 | 5 | 8 | 4 | – | 1 |
| Chivenor ... | 20·1 | +10 | W | 5 | c | 48 | 46 | 7 | 5 | 3 | 9 | 7 | 4 | 3 | 4 | – | 1 |
| Yeovilton | 19·4 | +10 | W | 2 | z₀ | 49 | 46 | 6 | 5 | – | 2 | 4 | 3 | 4 | 20 | 40 | 0 |
| Portland Bill | 20·8 | +18 | SW | 4 | c | 48 | 46 | 8 | 2 | 4 | – | 6 | 4 | 6 | 50 | 72 | 1 |
| Exeter ... | 20·9 | +16 | WNW | 4 | c | 50 | 44 | 7 | 5 | – | – | 7 | 7 | – | 20 | – | 1 |
| Plymouth ... | 22·4 | +12 | W | 3 | z₀ | 49 | 46 | 5 | 5 | 7 | – | 7 | 5 | 4 | 15 | – | 1 |
| St. Eval ... | 22·8 | +10 | WSW | 4 | z₀ | 47 | 47 | 5 | 5 | – | – | 8 | 5 | 8 | 1 | 25 | 1 |
| The Lizard | 22·6 | +12 | W'S | 4 | z₀ | 48 | 47 | 6 | 5 | – | – | 4 | 4 | – | 10 | – | 1 |
| Scilly, St. Marys | 23·7 | +18 | W | 5 | z₀ | 48 | 47 | 6 | 5 | – | – | 4 | 4 | – | 13 | – | 1 |
| Fairwood ... | 19·9 | +16 | W | 4 | z₀ | 46 | 45 | 5 | 5 | – | – | 8 | 5 | 8 | 5 | 15 | 1 |
| Pembroke ... | 18·3 | +10 | W'S | 6 | z₀ | 47 | 45 | 6 | 5 | 2 | – | 8 | 4 | 4 | 21 | – | 1 |
| Aberporth ... | 17·7 | +14 | WSW | 5 | z₀ | 46 | 44 | 6 | 5 | 7 | – | 5 | 4 | 4 | 45 | – | 1 |
| Penrhos ... | 16·2 | +18 | WSW | 4 | b | 46 | 41 | 7 | 1 | 4 | – | 2 | 1 | 1 | 20 | – | 0 |
| Holyhead, Valley | 15·9 | +18 | WSW | 4 | b-bc | 45 | 40 | 8 | 2 | 6 | – | 3 | 2 | 2 | 25 | – | 1 |
| Hawarden ... | 15·2 | +16 | W | 3 | b/pr | 46 | 42 | 7 | 8 | – | – | 2 | 2 | – | 20 | – | 7 |
| Manchester | 14·1 | +8 | WSW | 4 | c-bc/pr | 44 | 46 | 6 | 3 | – | 3 | 5 | 4 | 3 | 15 | – | 1 |
| Squires Gate | 13·9 | +20 | W | 4 | b | 42 | 39 | 7 | 5 | – | – | 1 | 1 | – | 35 | – | 1 |
| Silloth ... | 10·8 | +18 | SW | 4 | c-bc | 43 | 38 | 7 | 8 | – | – | 5 | 5 | – | 19 | – | 1 |
| Ashbourne ... | 14·7 | +10 | WSW | 3 | z₀ | 44 | 39 | 6 | 5 | – | – | 4 | 4 | – | 20 | – | 1 |
| Snaith ... | 13·7 | +18 | W'S | 4 | z₀ | 46 | 37 | 6 | 4 | – | – | 4 | 3 | 2 | 30 | – | 1 |
| Spurn Head | 12·1 | +8 | W | 5 | c-bc | 44 | 37 | 7 | 7 | 7 | – | 5 | 4 | 3 | 25 | 72 | 1 |
| Leeming | 10·4 | +12 | W | 5 | bc | 46 | 37 | 8 | 2 | 6 | 3 | 4 | 3 | 4 | 18 | 25 | 1 |
| Tynemouth | 10·5 | +16 | WSW | 4 | z₀ | 47 | 35 | 5 | 8 | – | – | 5 | 5 | – | – | – | 1 |
| Acklington | 08·3 | +8 | WSW | 4 | pr₀ | 43 | 37 | 6 | 9 | 6 | – | 5 | 3 | 4 | 10 | 25 | 1 |
| St. Abb's Head | 06·3 | 0 | SW | 3 | bc/pr | 43 | 36 | 8 | 4 | 4 | – | 4 | 3 | 3 | 25 | – | 0 |
| Leuchars ... | 05·1 | +6 | WSW | 4 | b-bc | 41 | 37 | 8 | 3 | – | – | 3 | 3 | – | 30 | – | 2 |
| Montrose ... | 05·7 | +18 | W | 2 | pr₀ | 39 | 37 | 9 | 3 | – | 3 | 4 | 4 | 3 | 8 | – | 1 |
| Abbotsinch | 07·2 | +4 | SW | 3 | c | 43 | 41 | 8 | 8 | – | – | 6 | 6 | – | 10 | – | 1 |
| Prestwick ... | 08·9 | +14 | W | 4 | pr₀ | 42 | 38 | 6 | 9 | – | – | 6 | 3 | 4 | 15 | 15 | 1 |
| West Freugh | 09·6 | +6 | WSW | 5 | bc | 45 | 39 | 8 | 4 | 3 | – | 4 | 4 | 3 | 25 | – | 1 |
| Eskdalemuir | 09·8 | +24 | SW'W | 5 | iR | 41 | 36 | 8 | 6 | – | – | 5 | 5 | – | 15 | – | 1 |
| Jurby, I. of Man | 11·7 | +8 | WSW | 4 | bc/jp | 45 | 42 | 8 | 8 | 7 | – | 4 | 3 | 4 | 20 | – | 1 |
| Machrihanish | 08·2 | +8 | W'S | 7 | PR | 43 | 38 | 5 | 3 | – | – | 7 | 5 | 5 | 12 | 25 | 1 |
| Tiree ... | 03·8 | 0 | SW | 4 | c-bc/pr | 44 | 39 | 7 | 3 | 6 | – | 5 | 5 | 2 | 18 | – | 1 |
| Oban ... | 06·1 | –2 | SSW | 3 | c-bc | 42 | 38 | 9 | 9 | – | – | 5 | 2 | 5 | 20 | 25 | 1 |
| Stornoway ... | 97·8 | –6 | SW | 5 | c-bc/pr | 41 | 36 | 7 | 8 | 6 | – | 5 | 3 | 4 | 8 | 25 | 1 |
| Cape Wrath | 96·9 | –12 | SW | 4 | bc | 42 | 37 | 8 | 4 | 4 | – | 4 | 4 | – | 15 | – | 2 |
| Dalwhinnie | 03·5 | +4 | SW | 3 | bc | 36 | 33 | 7 | 5 | 4 | – | 4 | 3 | 2 | 23 | – | 4 |
| Aberdeen ... | 04·4 | +8 | SW | 2 | z₀ | 42 | 36 | 6 | 5 | 7 | 9 | 5 | 3 | 4 | 40 | – | 4 |
| Fraserburgh | 03·3 | +8 | SSW | 2 | c-bc | 40 | 39 | 7 | 5 | 7 | | 5 | 4 | 4 | 35 | – | 1 |
| Alness ... | 01·4 | –4 | WNW | 2 | bc | 38 | 35 | 8 | 3 | – | 3 | 4 | 4 | 3 | 20 | – | 4 |
| Wick ... | 00·8 | +2 | SSW | 3 | c-bc | 41 | 35 | 8 | 3 | 6 | – | 5 | 4 | 3 | 30 | – | 1 |
| Hatston ... | 99·6 | 0 | SSW | 3 | c | 42 | 38 | 7 | 5 | 7 | – | 6 | 3 | 5 | 10 | 25 | 1 |
| Sumburgh ... | 98·5 | +2 | WSW | 5 | b-bc | 43 | 42 | 7 | 5 | 7 | | 3 | 1 | 2 | 8 | 40 | 1 |
| Sullom Voe | 98·2 | +8 | S'W | 3 | b-bc | 41 | 38 | 7 | 5 | 7 | – | 3 | 1 | 3 | 15 | – | 4 |
| Blacksod Point† | 12·5 | +22 | W | 6 | bc/pr | 47 | 40 | 7 | 3 | – | – | 4 | 4 | – | 8 | – | 2 |
| Malin Head † | 06·9 | +10 | W | 5 | th | 43 | 38 | 8 | 3 | – | – | 4 | 4 | – | 15 | – | 2 |
| Aldergrove | 11·0 | +10 | SW | 3 | pr₀ | 45 | 38 | 6 | 9 | – | – | 7 | 7 | – | 18 | – | 1 |
| Cas. Archdale | 11·8 | +14 | W | 6 | bc/pr | 43 | 37 | 8 | 9 | 6 | 3 | 4 | 3 | 4 | 10 | 40 | 1 |
| Birr Castle ... † | 14·9 | +14 | WSW | 3 | c-bc | 48 | 41 | 8 | 5 | – | – | 5 | 5 | – | 25 | – | 1 |
| Collinstown † | 14·5 | +20 | WSW | 4 | bc | 47 | 40 | 8 | 2 | 3 | – | 4 | 4 | – | 25 | – | 1 |
| Foynes ... † | 17·6 | +18 | W'S | 3 | c-bc | 49 | 43 | 8 | [illegible] | 6 | – | 5 | 3 | – | 28 | – | 1 |
| Valentia ... † | 20·4 | +20 | SW'W | 5 | c | 50 | 45 | 8 | 5 | 7 | – | 8 | 3 | – | 22 | – | 1 |
| Roches Point † | 19·6 | +20 | W | 3 | bc | 48 | 43 | 8 | 3 | – | – | 4 | 2 | – | 15 | – | 1 |

## OBSERVATIONS during DAY

| Stations | Weather. 06h.–12h. (34) | Weather. 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|
| Kew ... | cm₀ | cbc, bbcm₀ | 55 | 1·7 | Tr |
| Croydon ... | cm₀ | cm₀bm₀ | 55 | 1·5 | Tr |
| Boscombe Down | cm₀ed₀d₀m₀ | cbcc | 53 | 2·1 | Tr |
| Thorney Island | omaf | cz₀bcm₀ | 56 | * | Tr |
| Friston ... | | | | | |
| Lympne ... | od₀d₀fcm | cm₀bc | 53 | 1·0 | Tr |
| Manston ... | air₀cm₀ | cbcm₀bm₀ | 55 | 0·7 | – |
| North Weald | cmcm₀ | cm₀bcz₀ | 54 | * | – |
| Felixstowe ... | cmcm₀ | bcm₀bm₀ | 53 | 2·1 | – |
| Gorleston ... | cz₀ | z₀1 | 53 | 0·4 | Tr |
| Mildenhall | c | bcctlr | 55 | 2·1 | 1 |
| Bircham Newton | cm₀ | b, cpr | 54 | 1·6 | 1 |
| Cranwell ... | cid₀m₀ | ctlrm₀bm₀ | 54 | 2·3 | 0·5 |
| Cranfield ... | cm₀ | cm₀bbcm₀ | 55 | * | – |
| Honiley ... | c | bccpr₀ | 55 | 3·5 | Tr |
| Little Rissington | cid₀m₀c | cm₀bcp₀m₀ | 53 | * | Tr |
| Shobden ... | oomcm₀ | bcpr₀bc | 55 | * | 0·1 |
| Bristol ... | cfimdcm | cfimdcm | 48 | 0·0 | 0·1 |
| Chivenor ... | cmdmm | cid₀m₀ | 51 | * | 0·1 |
| Yeovilton | cccbc | cbcz₀ | 55 | * | Tr |
| Portland Bill | offc | cc | 48 | * | – |
| Exeter ... | c | bcc | 54 | 4·2 | Tr |
| Plymouth ... | drfcm₀ | cm₀ | 54 | 2·1 | Tr |
| St. Eval ... | cfbd₀of | ofcm₀od₀f | 49 | 0·0 | 0·4 |
| The Lizard | ffbcz | cffcz | 50 | 1·2 | Tr |
| Scilly, St. Marys | cbc | cbc | 52 | 4·5 | Tr |
| Fairwood ... | ofom | omfm₀ | 48 | * | – |
| Pembroke ... | bccm₀ | cm₀ | 48 | 1·2 | – |
| Aberporth ... | cm₀jfbc | cp₀xcxrc | 50 | 0·2 | 2 |
| Penrhos ... | cbc | bcb | 54 | 4·0 | Tr |
| Holyhead, Valley | c | cphcpr₀cc | 51 | * | 3 |
| Hawarden ... | cm₀cbc | bccTlrmcpr | 55 | 4·4 | 2 |
| Manchester | id₀ir₀cm₀ | tlRqmcpr | 52 | * | 1 |
| Squires Gate | cm₀bcm₀ | bcm₀b | 49 | * | – |
| Silloth ... | c | cbcpr₀ | 47 | * | Tr |
| Ashbourne ... | cd₀m₀cm₀ | ctlhr, bcm₀ | 53 | * | 2 |
| Snaith ... | id₀cm₀ | bz₀ | 53 | 2·7 | – |
| Spurn Head | cm₀ | bcm₀ | 48 | 1·7 | Tr |
| Leeming | c, bc | bc, bcm₀bc | 52 | 4·3 | – |
| Tynemouth | cbcm₀ | bccm₀ | 53 | * | – |
| Acklington | cm₀bc | bccpr₀m₀ | 50 | * | 0·3 |
| St. Abb's Head | bcc bc | bccprbc | 49 | * | 0·2 |
| Leuchars ... | cm₀cpbcm₀ | bcbm₀pr₀m₀ | 48 | 5·3 | Tr |
| Montrose ... | cr₀r₀cm₀c | cm₀r₀m₀ | 46 | 4·0 | Tr |
| Abbotsinch | cmcm₀c | cbcpr₀tlr | 49 | 2·2 | 1 |
| Prestwick ... | d₀d₀rbc | tr₀dcc | 50 | * | 4 |
| West Freugh | gjprcbc | bccphcbc | 51 | * | 1 |
| Eskdalemuir | cousgcpr | cpshiR | 47 | 0·7 | 6 |
| Jurby, I. of Man | bccbcc | cp₀rbc | 50 | * | Tr |
| Machrihanish | cbc | b | 50 | * | 4 |
| Tiree ... | bbcbm₀b | cbccjp | 50 | 4·0 | 1 |
| Oban ... | cpr₀bc | cPrhm₀qr₀c | 47 | * | * |
| Stornoway ... | crrm₀bcjp | bcpr₀c | 48 | 2·6 | 2 |
| Cape Wrath | cpr₀c | cp₀rcbc | 45 | * | 3 |
| Dalwhinnie | cpr | cprsbc | 42 | 2·4 | 4 |
| Aberdeen ... | cir₀cbcm₀ | bccm₀ | 47 | 3·9 | Tr |
| Fraserburgh | cr₀r₀m₀m₀ | cbcbbc | 47 | * | 0·1 |
| Alness ... | cbc | cpr₀bc | 47 | 4·4 | 1 |
| Wick ... | cr₀r₀cbc | bcc | 47 | * | Tr |
| Hatston ... | rrbc | bcpre | 42 | * | 1 |
| Sumburgh ... | crr | crrbcb | 45 | 0·3 | 4 |
| Sullom Voe | r₀m₀c | cr₀rbc | 44 | * | 2 |
| Blacksod Point† | bc | c | 50 | * | 2 |
| Malin Head † | cbc | cbc | 48 | 2·4 | 5 |
| Aldergrove | cm₀bcm₀ | cprbccprm₀ | 50 | 3·4 | 2 |
| Cas. Archdale | cpr₀ | bctlrtr₀ | 49 | * | 1 |
| Birr Castle ... † | cbc | bbc | 52 | 3·1 | 1 |
| Collinstown † | bcc | bc | 51 | 3·3 | Tr |
| Foynes ... † | cbc | bbc | 53 | 4·8 | 1 |
| Valentia ... † | cbc | cbc | 52 | 2·7 | – |
| Roches Point † | bbc | bbc | 52 | * | Tr |

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

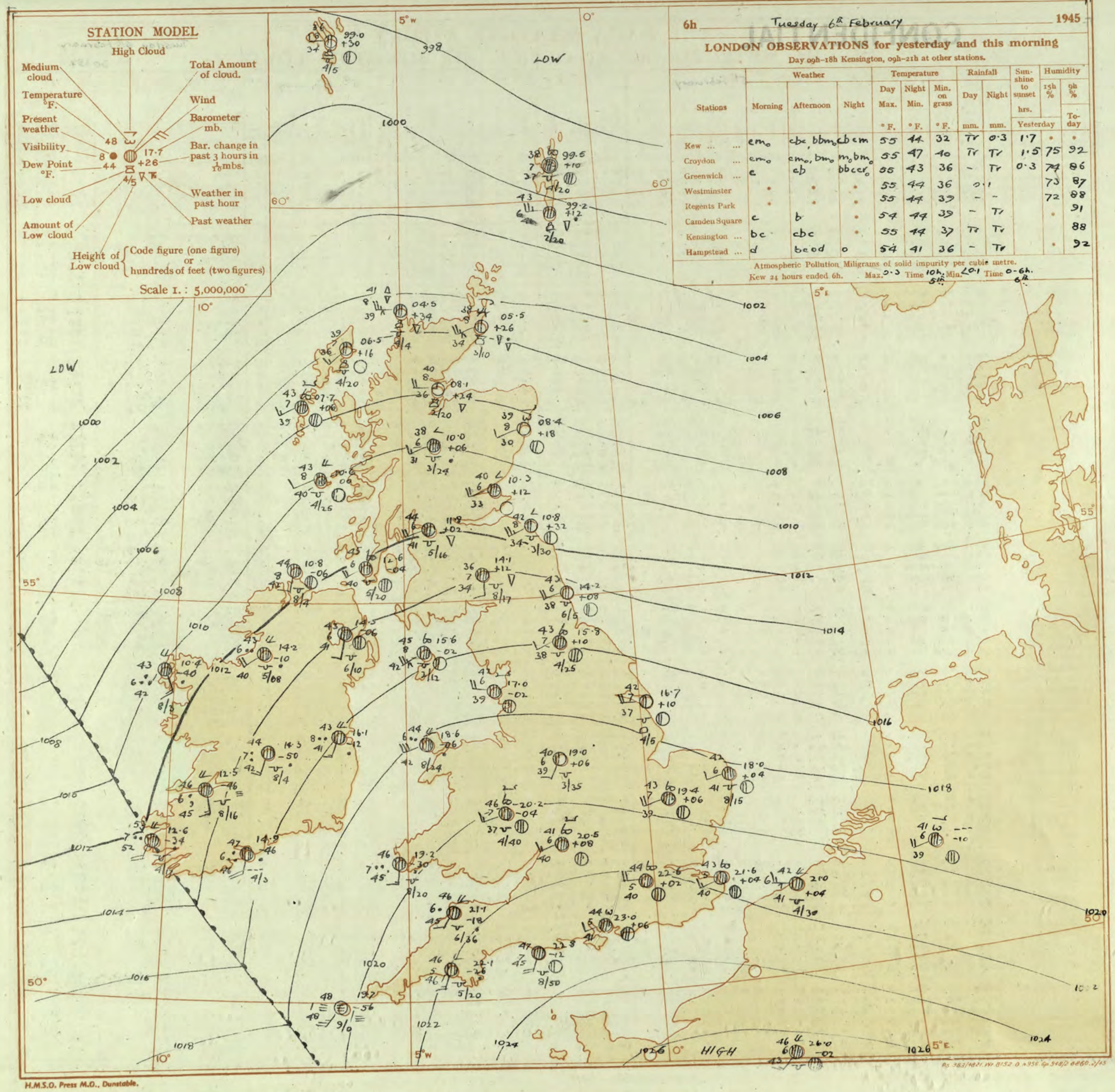
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

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

‡ See footnote p. 4.

* Information not usually received.

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




| 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 ... ... | emo | cbc, bbmo | cb cm | 55 | 44 | 32 | Tr | 0·3 | 1·7 | • | • |
| Croydon ... | emo | cmo, bmo | mo bmo | 55 | 47 | 40 | Tr | Tr | 1·5 | 75 | 92 |
| Greenwich ... | c | cb | bbccro | 55 | 43 | 36 | – | Tr | 0·3 | 74 | 86 |
| Westminster | • | • | • | 55 | 44 | 36 | 0·1 | | | 73 | 87 |
| Regents Park | • | • | • | 55 | 44 | 39 | – | – | | 72 | 88 |
| Camden Square | c | b | • | 54 | 44 | 39 | – | Tr | | • | 91 |
| Kensington ... | bc | cbc | • | 55 | 44 | 37 | Tr | Tr | | | 88 |
| Hampstead ... | d | bcod | o | 54 | 41 | 36 | – | Tr | | • | 92 |

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

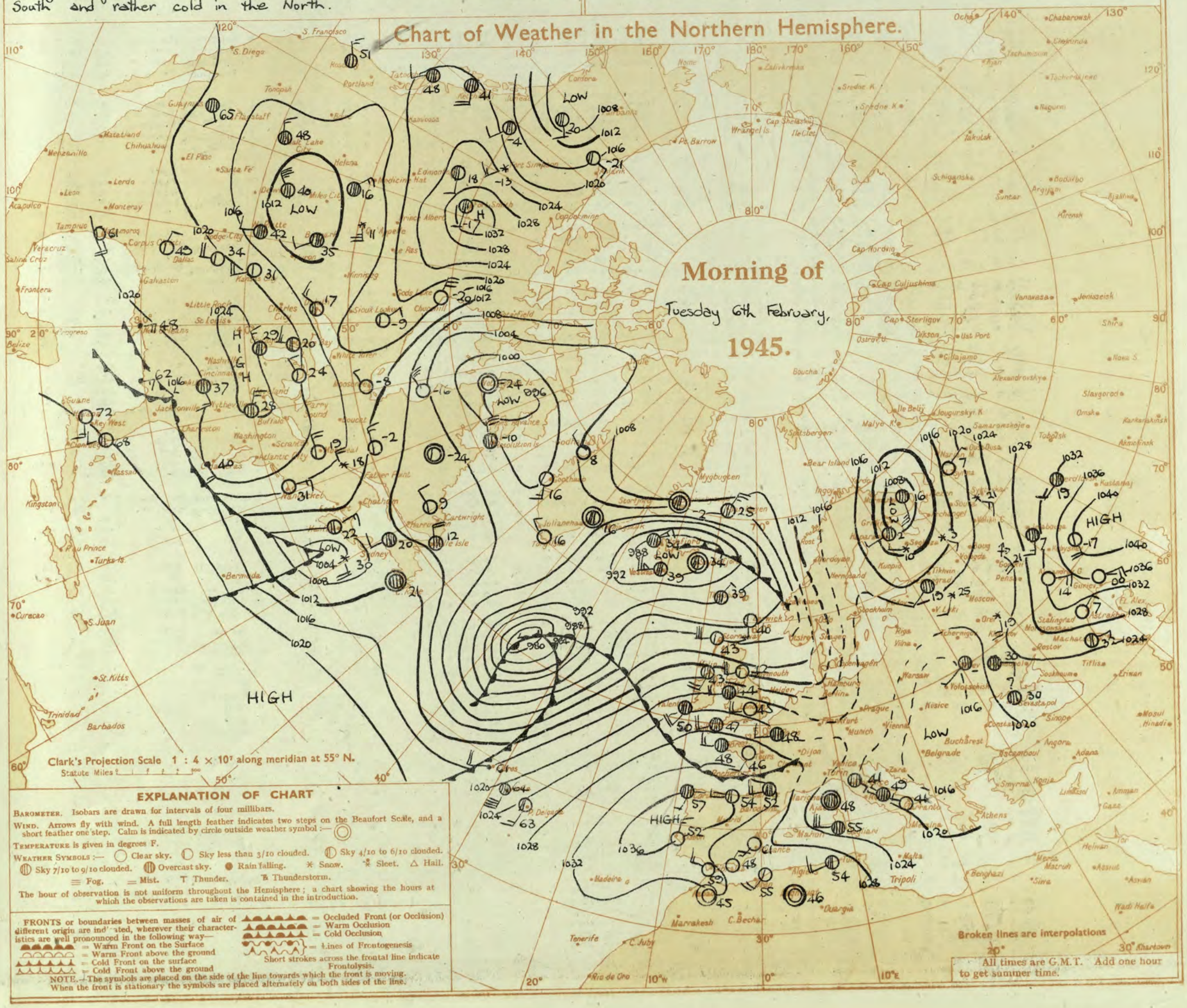
## GENERAL INFERENCE

A depression in mid-Atlantic is moving northeast, and troughs of low pressure will move east across the British Isles. There will be rain, low cloud and hill fog in all districts, with some coast fog in the West and South. Showery conditions, with local thunder, will spread east across western and northern districts tonight, and weather will become fair in southeastern districts tomorrow morning. There will be strong to gale winds in the West and North. It will be mild in the South and rather cold in the North.

## FURTHER OUTLOOK

Unsettled southwesterly type persisting, with rain spreading northeast across the country.

Gale warning in operation in districts 13A, 13B, issued 0415 G.M.T. 6th Feb. 1945.
In districts 5 (part of) 6, 7, 8, 12 (part of). 17, 18. issued 0515 G.M.T. 6th Feb. 1945.




## 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.

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.

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 6th February 1945

No. 30392

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

| 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 | | * | * | * | * | 46 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 21.3 | +14 | W | 4 | z0 | 45 | 42 | 5 | - | - | - | 0 | 0 | - | . | . |
| | Boscombe Down | 417 | 22.1 | +6 | W | 4 | b | 43 | 41 | 7 | - | - | . | 0 | 0 | - | . | . |
| | Thorney Island | 10 | 22.2 | +14 | W | 2 | z0 | 44 | 42 | 5 | 5 | - | - | 3 | 3 | - | 30 | . |
| | Friston ... | — | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 21.4 | +16 | W'N | 3 | z0 | 48 | 42 | 6 | - | | 2 | 2 | 2 | - | - | . |
| | Manston ... | 140 | 20.1 | +14 | W'S | 4 | z0 | 45 | 40 | 6 | 4 | 3 | - | 3 | 2 | 3 | 30 | . |
| 2 | North Weald | 244 | 20.6 | +24 | W | 4 | z0 | 43 | 40 | 5 | - | . | - | 0 | 0 | - | . | . |
| | Felixstowe ... | 10 | 18.6 | +22 | W | 4 | z0 | 44 | 39 | 6 | - | - | 1 | 4 | 4 | - | . | . |
| | Gorleston ... | 5 | 17.1 | +22 | WNW | 3 | b | 43 | 39 | 7 | . | . | . | 0 | 0 | - | - | - |
| | Mildenhall | 15 | 16.6 | +18 | SW'W | 4 | b-bc | 45 | 38 | 7 | 5 | - | - | 3 | 3 | - | 40 | - |
| | Bircham Newton | 221 | 17.0 | +16 | WSW | 3 | b | 41 | 35 | 7 | - | - | . | 0 | 0 | . | . | . |
| | Cranwell ... | 203 | 17.2 | +10 | WSW | 4 | z0 | 42 | 39 | 6 | . | . | . | 0 | 0 | . | . | . |
| 3 | Cranfield ... | 340 | 19.1 | +10 | WSW | 2 | z0 | 43 | 39 | 6 | 5 | - | - | 2 | 2 | - | 13 | - |
| | Honiley ... | 427 | 19.3 | +10 | SSW | 3 | bc | 42 | 39 | 7 | 4 | - | - | 4 | 4 | - | 35 | - |
| 4 | Little Rissington | 731 | 09.5 | 0 | W | 4 | z0 | 44 | 37 | 6 | - | . | . | 0 | 0 | - | . | . |
| | Shobden ... | 318 | 10.4 | +8 | SW | 3 | z0 | 46 | 40 | 6 | - | - | . | 0 | 0 | - | . | . |
| 5 | Bristol ... | 209 | 21.9 | +10 | W | 5 | z0 | 44 | 43 | 6 | - | . | 7 | 8 | - | 8 | . | . |
| | Chivenor ... | 20 | 23.6 | +6 | W'S | 5 | z0 | 47 | 44 | 6 | - | 7 | 6 | 6 | 3 | 6 | . | . |
| | Yeovilton | 50 | 22.5 | +12 | W'S | 3 | z0 | 45 | 42 | 6 | - | - | . | 0 | 0 | - | - | . |
| | Portland Bill | 32 | 22.5 | -4 | SSW | 4 | bc | 47 | 45 | 8 | 5 | - | - | 4 | 4 | - | 50 | - |
| | Exeter ... | 100 | 23.7 | +8 | W | 3 | z0 | 47 | 43 | 6 | 5 | - | . | 8 | 8 | - | 36 | - |
| | Plymouth ... | 86 | 25.3 | +4 | W | 3 | z0 | 47 | 45 | 6 | - | - | 7 | 8 | 8 | - | - | . |
| | St. Eval ... | 345 | 25.3 | +6 | WSW | 4 | z0 | 47 | 46 | 5 | 5 | - | - | 3 | 3 | - | 15 | - |
| | The Lizard | 240 | 24.4 | 0 | W | 5 | z0 | 47 | 47 | 5 | 5 | - | - | 4 | 4 | - | 15 | - |
| | Scilly, St. Marys | 163 | 25.4 | 0 | WSW | 4 | z0 | 47 | 47 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| 6 | Fairwood ... | 268 | 22.7 | +10 | W | 4 | z0 | 45 | 43 | 6 | 5 | - | - | 8 | 8 | - | 17 | - |
| | Pembroke ... | 142 | 21.7 | +10 | SW'W | 4 | c | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 22 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 19.4 | +14 | WSW | 3 | c-bc | 46 | 42 | 7 | 3 | - | - | 5 | 5 | - | 25 | - |
| | Holyhead, Valley | 32 | 19.4 | +18 | WSW | 4 | c | 44 | 40 | 7 | 8 | - | - | 8 | 8 | - | 20 | - |
| | Hawarden | 15 | 18.3 | +16 | SW | 3 | bc | 44 | 39 | 7 | 8 | - | - | 4 | 4 | - | 20 | - |
| 8 | Manchester | 230 | 17.2 | +16 | W'S | 4 | z0 | 45 | 41 | 6 | - | - | - | 0 | 0 | - | - | . |
| | Squires Gate | 30 | 16.6 | +16 | W | 4 | b-bc | 41 | 39 | 7 | 5 | - | - | 3 | 3 | - | 20 | - |
| | Silloth ... | 25 | 13.6 | +22 | WSW | 4 | b | 40 | 38 | 7 | - | - | . | 0 | 0 | - | . | . |
| 9 | Ashbourne ... | 590 | 17.3 | +14 | WSW | 4 | z0 | 43 | 39 | 6 | 5 | - | . | 1 | 1 | - | 30 | - |
| | Snaith ... | 30 | 17.2 | +26 | WSW | 3 | b/pr | 44 | 35 | 6 | - | - | . | 0 | 0 | - | . | . |
| 10 | Spurn Head | 29 | 14.4 | 0 | SW'W | 4 | z0 | 42 | 41 | 6 | - | - | . | 0 | 0 | - | - | . |
| | Leeming | 105 | 13.7 | +18 | W | 4 | b | 43 | 36 | 8 | 5 | - | . | 1 | 1 | - | 25 | - |
| | Tynemouth | 108 | 11.9 | +6 | WSW | 4 | z0 | 42 | 36 | 6 | 7 | - | - | 3 | 3 | - | 15 | - |
| | Acklington | 138 | 10.0 | +2 | WSW | 6 | b | 41 | 38 | 7 | 2 | - | - | 1 | 1 | - | 25 | - |
| 11 | St. Abb's Head | 280 | 06.7 | +2 | WSW | 5 | b | 43 | 33 | 8 | - | - | - | 0 | 0 | - | - | . |
| | Leuchars ... | 31 | 06.9 | +8 | WSW | 5 | b | 41 | 37 | 7 | - | - | . | 0 | 0 | - | . | . |
| | Montrose ... | 22 | 07.1 | +14 | NNW | 2 | b | 38 | 35 | 7 | 2 | - | . | 2 | 2 | - | 25 | - |
| 12 | Abbotsinch | 19 | 10.3 | +20 | W'S | 4 | b-bc/pr | 43 | 41 | 6 | 5 | . | - | 3 | 3 | - | 25 | - |
| | Prestwick ... | 30 | 12.0 | +24 | WSW | 4 | b-bc/pr | 43 | 40 | 7 | 2 | - | - | 3 | 3 | - | 35 | - |
| | West Freugh | 53 | 13.5 | +24 | W | 5 | b | 43 | 38 | 8 | . | . | . | 0 | 0 | . | . | . |
| | Eskdalemuir | 794 | | | | | | | | | * | * | * | | | * | * | * |
| | Jurby, I. of Man | 84 | 15.3 | +18 | WSW | 4 | bc | 44 | 39 | 8 | 5 | 7 | 2 | 4 | 1 | 2 | 18 | |
| 13A | Machrihanish | 35 | 12.3 | +28 | WSW | 5 | bc | 44 | 39 | 7 | 8 | - | - | 4 | 4 | - | 20 | - |
| | Tiree ... | 44 | 09.4 | +32 | W'S | 5 | b | 44 | 38 | 8 | 3 | - | - | 2 | 2 | - | 25 | - |
| | Oban ... | 74 | 09.9 | +28 | SW | 4 | bc | 43 | 38 | 8 | 3 | - | . | 4 | 4 | - | 25 | - |
| 13B | Stornoway ... | 12 | 02.0 | +38 | W | 6 | b | 43 | 37 | 7 | 8 | - | . | 1 | 1 | - | 20 | - |
| | Cape Wrath | 367 | 97.4 | +2 | W | 5 | c | 42 | 38 | 8 | 8 | 7 | - | 6 | 4 | - | 29 | . |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen ... | 79 | | | | | | 36 | | | | | | | | | | |
| | Fraserburgh | 76 | 04.7 | +8 | SSW | 1 | b | 34 | 31 | 7 | 5 | - | . | 2 | 2 | - | 40 | - |
| | Alness ... | 63 | 03.2 | +8 | WNW | 6 | b-bc | 41 | 35 | 8 | 3 | . | . | 3 | 3 | - | 25 | . |
| | Wick ... | 114 | 01.6 | +6 | SSW | 4 | bc/pr | 38 | 34 | 8 | 4 | 6 | - | 4 | 4 | 2 | 26 | . |
| 16 | Hatston ... | 45 | 99.7 | -2 | SSW | 5 | b-bc | 39 | 36 | 7 | 3 | - | | 3 | 3 | - | 25 | - |
| | Sumburgh ... | 15 | 98.9 | -2 | WSW | 5 | b | 43 | 39 | 7 | 2 | - | - | 2 | 2 | - | 20 | . |
| | Sullom Voe | 12 | 98.9 | +2 | S | 3 | b | 40 | 37 | 7 | 5 | - | - | 2 | 2 | - | 26 | . |
| 17 | Blacksod Point † | 18 | 15.6 | +8 | W'N | 4 | c | 47 | 43 | 7 | 5 | * | * | 6 | 6 | * | 8 | * |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 15.4 | +18 | SW'S | 3 | z0 | 40 | 37 | 6 | 3 | - | . | 4 | 4 | - | 20 | - |
| | Cas. Archdale | 240 | 15.4 | +10 | W'S | 4 | c-bc | 44 | 38 | 8 | 9 | - | 3 | 5 | 3 | 4 | 18 | 25 |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 17.4 | +6 | W'S | 5 | c | 45 | 41 | 8 | - | 7 | 6 | 8 | 0 | - | - | . |
| 20 | Foynes ... † | 3 | 19.1 | +6 | SW | 3 | c | 48 | 41 | 8 | - | 7 | - | 8 | 0 | - | - | . |
| | Valentia ... † | 30 | 20.7 | -4 | SW'S | 4 | c | 50 | 46 | 8 | 5 | 7 | . | 8 | 3 | - | 24 | - |
| | Roches Point † | 22 | 21.0 | 0 | WSW | 4 | c | 47 | 43 | 8 | 5 | - | - | 6 | 6 | - | 15 | - |

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

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | Force (20) | Weather (21) | Temp. °F. (22) | Dew Point °F. (23) | Visibility 0–9 (24) | 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) | 9h State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 21.5 | +6 | SW | 2 | z | 44 | 42 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| Croydon | 22.6 | +2 | W | 4 | z | 41 | 40 | 5 | - | 7 | - | 8 | 8 | - | - | - | 1 |
| Boscombe Down | 22.1 | -6 | SW | 3 | z0 | 45 | 43 | 6 | - | 1 | - | 8 | 8 | - | - | - | 1 |
| Thorney Island | 23.0 | +6 | WSW | 2 | z | 44 | 41 | 5 | - | 3 | - | 7 | 7 | - | 61 | - | 1 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 22.2 | +2 | W | 5 | z0 | 42 | 40 | 6 | 5 | 7 | - | 8 | 4 | 8 | 20 | - | 1 |
| Manston | 21.6 | +4 | WSW | 3 | z0 | 43 | 40 | 5 | - | 7 | - | 8 | 8 | - | 30 | - | 1 |
| North Weald | 21.6 | +2 | WSW | 5 | z | 43 | 40 | 5 | - | 7 | 7 | 8 | 5 | 8 | 120 | - | 1 |
| Felixstowe | 20.1 | -2 | WSW | 4 | z0 | 42 | 39 | 6 | - | - | 7 | 8 | 8 | - | - | - | 0 |
| Gorleston | 18.0 | +4 | W'S | 2 | z0 | 42 | 41 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Mildenhall | 19.4 | +6 | W'S | 4 | c | 43 | 39 | 7 | - | 7 | - | 7 | 7 | - | - | - | 1 |
| Bircham Newton | 18.5 | +8 | WSW | 4 | c | 42 | 39 | 7 | - | 2 | - | 8 | 8 | - | - | - | 1 |
| Cranwell | 18.4 | +6 | WSW | 3 | z | 42 | 39 | 6 | 4 | - | 7 | 6 | 4 | 6 | 20 | - | 1 |
| Cranfield | 21.0 | +8 | WSW | 1 | z | 42 | 40 | 6 | 5 | - | 7 | 8 | 4 | 8 | 15 | - | 1 |
| Honiley | 19.6 | +4 | SW | 4 | c | 43 | 39 | 7 | - | 7 | - | 8 | 4 | 8 | - | - | 1 |
| Little Rissington | 20.5 | +8 | WSW | 3 | z0 | 41 | 40 | 6 | - | 7 | 7 | 8 | 3 | 8 | - | - | 1 |
| Shobden | 20.2 | -4 | W'S | 3 | c | 46 | 37 | 7 | 5 | 7 | 7 | 8 | 4 | 4 | 40 | - | 1 |
| Bristol | 22.0 | -6 | W'S | 4 | z | 46 | 44 | 5 | 5 | 2 | - | 8 | 5 | 8 | 9 | - | 1 |
| Chivenor | 21.1 | -18 | SW | 2 | ir0 | 46 | 45 | 6 | 5 | 2 | - | 8 | 6 | 8 | 36 | - | 1 |
| Yeovilton | 22.0 | -10 | SW | 2 | z | 47 | 45 | 6 | 5 | 2 | - | 8 | 3 | 4 | 20 | 40 | 1 |
| Portland Bill | 22.8 | -12 | S | 4 | c | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| Exeter | 22.1 | -14 | - | 0 | z | 47 | 43 | 6 | 5 | - | - | 8 | 8 | - | 57 | - | 1 |
| Plymouth | 22.1 | -26 | SSW | 3 | z | 46 | 44 | 5 | 5 | 2 | - | 8 | 6 | 8 | 20 | - | 1 |
| St. Eval | 21.7 | -32 | S'W | 3 | ir0 | 46 | 44 | 5 | 5 | 7 | - | 8 | 4 | 6 | 6 | 25 | 1 |
| The Lizard | 21.3 | -34 | SSW | 4 | m/f | 48 | 48 | 4 | 5 | - | - | 8 | 8 | - | 6 | - | 1 |
| Scilly, St. Marys | 15.7 | -56 | SSW | 5 | F | 48 | 48 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Fairwood | 21.0 | -10 | WSW | 4 | ir0 | 46 | 44 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 57 | 1 |
| Pembroke | 15.2 | -30 | S | 3 | r0r0 | 46 | 45 | 7 | 5 | - | - | 8 | 8 | - | 20 | - | 1 |
| Aberporth | 20.0 | -16 | SW | 2 | r0r0 | 44 | 41 | 7 | 5 | - | - | 8 | 8 | - | 20 | - | 1 |
| Penrhos | 18.8 | -10 | SW | 4 | r0r | 44 | 42 | 6 | 5 | 2 | - | 8 | 6 | 8 | 40 | 40 | 1 |
| Holyhead, Valley | 18.6 | -6 | SW'W | 6 | r0r0 | 44 | 42 | 6 | - | 2 | - | 8 | 8 | - | 24 | - | 1 |
| Hawarden | 18.1 | 0 | W | 5 | bc | 47 | 41 | 7 | 8 | - | - | 4 | 4 | - | 20 | - | 1 |
| Manchester | 17.6 | 0 | SW'S | 3 | z0 | 41 | 39 | 6 | - | 4 | - | 3 | 3 | - | 80 | - | 1 |
| Squires Gate | 17.0 | -2 | W | 4 | z | 42 | 39 | 6 | - | - | 7 | 8 | 8 | - | 200 | - | 1 |
| Silloth | 14.8 | +6 | SW | 4 | z0 | 41 | 39 | 6 | - | 1 | - | 8 | 8 | - | - | - | 1 |
| Ashbourne | 13.0 | +6 | SSW | 2 | z | 40 | 39 | 6 | 5 | - | 6 | 4 | 3 | 4 | 35 | - | 1 |
| Snaith | 17.4 | 0 | SW'W | 4 | z | 43 | 38 | 5 | 5 | - | - | 6 | 6 | - | 35 | - | 1 |
| Spurn Head | 16.7 | +10 | W | 4 | bc | 42 | 37 | 7 | 7 | - | - | 4 | 4 | - | 25 | - | 1 |
| Leeming | 15.8 | +10 | W'S | 1 | c | 43 | 38 | 7 | 5 | 7 | - | 8 | 4 | 8 | 25 | - | 1 |
| Tynemouth | 14.2 | +8 | WSW | 4 | z0 | 43 | 38 | 6 | 5 | - | - | 6 | 6 | - | 15 | - | 1 |
| Acklington | 13.2 | +20 | W'S | 4 | c | 40 | 37 | 7 | - | 7 | - | 8 | 8 | - | - | - | 1 |
| St. Abb's Head | 10.8 | +32 | WSW | 5 | bc | 42 | 34 | 8 | 5 | 1 | - | 4 | 3 | 3 | 30 | - | 1 |
| Leuchars | 10.3 | +12 | WSW | 4 | z | 40 | 33 | 6 | - | 1 | - | 6 | 6 | - | 80 | - | 1 |
| Montrose | 09.8 | +16 | WSW | 4 | bc | 39 | 34 | 7 | - | 7 | 2 | 4 | 3 | 4 | - | - | 1 |
| Abbotsinch | 11.8 | +2 | WSW | 4 | z0 | 44 | 41 | 6 | 5 | - | - | 5 | 5 | - | 16 | - | 1 |
| Prestwick | 12.1 | +2 | SW'S | 3 | c | 44 | 40 | 7 | 5 | 1 | - | 8 | 3 | 8 | 40 | - | 1 |
| West Freugh | 14.3 | +2 | WSW | 4 | c | 44 | 41 | 7 | 5 | 1 | - | 8 | 4 | 8 | 40 | - | 1 |
| Eskdalemuir | 14.1 | +12 | SSE | 2 | c | 36 | 34 | 7 | 5 | - | - | 8 | 8 | - | 17 | - | 1 |
| Jurby, I. of Man | 15.6 | -2 | SW | 5 | c | 45 | 42 | 7 | 5 | 7 | - | 8 | 2 | 8 | 12 | - | 1 |
| Machrihanish | 12.6 | -4 | SW | 4 | z | 45 | 40 | 6 | 5 | 7 | - | 8 | 5 | 8 | 20 | - | 0 |
| Tiree | 10.6 | 0 | SW'W | 2 | c | 43 | 40 | 8 | 5 | 2 | - | 8 | 4 | 8 | 25 | 40 | 1 |
| Oban | 12.0 | +4 | S | 3 | c | 43 | 41 | 8 | 5 | - | 7 | 8 | 3 | 8 | 20 | - | 1 |
| Stornoway | 06.5 | +16 | SW | 3 | bc | 39 | 36 | 7 | 8 | - | 6 | 4 | 4 | 4 | 20 | - | 1 |
| Cape Wrath | 04.5 | +34 | W | 5 | phr | 41 | 39 | 8 | 8 | 7 | - | 5 | 4 | - | 15 | - | 1 |
| Dalwhinnie | 10.0 | +6 | WSW | 3 | c | 38 | 31 | 6 | 5 | 1 | - | 8 | 3 | 5 | 24 | 22 | 4 |
| Aberdeen | 08.4 | +8 | WSW | 2 | b-bc | 39 | 30 | 8 | - | 3 | 1 | 3 | 3 | 1 | - | - | 4 |
| Fraserburgh | 07.7 | +20 | W | 4 | c | 40 | 33 | 7 | 5 | - | - | 2 | 2 | - | 40 | - | 1 |
| Alness | 08.1 | +24 | W | 4 | c | 40 | 36 | 8 | 3 | - | - | 2 | 2 | - | 20 | - | 4 |
| Wick | 05.5 | +26 | WSW | 5 | bc/pr | 38 | 34 | 8 | 3 | 6 | 3 | 4 | 3 | 2 | 10 | - | 1 |
| Hatston | 03.9 | +44 | W | 7 | bc | 41 | 37 | 8 | 3 | - | - | 4 | 4 | - | 20 | - | 1 |
| Sumburgh | 99.2 | +12 | W'N | 5 | c/r | 43 | 41 | 6 | 2 | - | - | 7 | 7 | - | 20 | - | 1 |
| Sullom Voe | 99.3 | +10 | - | 0 | c | 38 | 37 | 7 | 5 | 7 | - | 6 | 4 | 6 | 20 | - | 4 |
| Blacksod Point | 10.4 | -40 | SE'S | 3 | rr | 43 | 42 | 6 | - | 2 | - | 8 | 8 | - | 8 | - | 2 |
| Malin Head | 10.8 | -6 | SSW | 2 | c | 44 | 42 | 8 | 5 | - | - | 8 | 8 | - | 15 | - | 2 |
| Aldergrove | 14.5 | -6 | S'W | 2 | z | 43 | 41 | 6 | 5 | . | - | 8 | 6 | 8 | 10 | 40 | 1 |
| Cas. Archdale | 14.2 | +10 | SW | 4 | r0r0 | 43 | 40 | 6 | 5 | 2 | - | 8 | 5 | 8 | 8 | 15 | 1 |
| Birr Castle | 14.3 | -56 | SSW | 3 | ir | 44 | 42 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Collinstown | 16.1 | -12 | S'W | 3 | r0r | 43 | 41 | 8 | - | 2 | - | 8 | - | - | - | - | 1 |
| Foynes | 12.5 | -46 | SSE | 3 | dr | 46 | 45 | 6 | 5 | 2 | - | 8 | 8 | - | 16 | - | 1 |
| Valentia | 12.6 | -34 | SSW | 4 | r0r | 53 | 52 | 7 | 5 | 2 | - | 8 | 4 | - | 17 | - | 1 |
| Roches Point | 14.8 | -46 | S'E | 4 | rr | 47 | 46 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | bcbm0 | bbccm0 | 44 | 32 | 0.3 |
| Croydon | bm0 | bm0 | 42 | 40 | T- |
| Boscombe Down | cbccbcb | bcm0 | 42 | 39 | 1 |
| Thorney Island | bcm0cb | bm0bcc | 43 | 39 | 1 |
| Friston | | | | | |
| Lympne | bbcbm0 | cm0 | 41 | 37 | - |
| Manston | bmz0bbm0 | bcm0cm | 43 | 40 | T- |
| North Weald | bm0 | bcm0cm0 | 42 | * | * |
| Felixstowe | bm0bcm0 | bbcm0 | 42 | 37 | - |
| Gorleston | bcz0b | cz | 41 | 37 | T- |
| Mildenhall | cb | bbcc | 41 | 38 | - |
| Bircham Newton | b | cbbcc | 40 | 35 | - |
| Cranwell | bm0 | bcm0cm | 40 | 37 | - |
| Cranfield | bcbm0 | bm0cm0 | 40 | 36 | - |
| Honiley | b | c | 42 | 38 | T- |
| Little Rissington | bm0b | bz0bm0c | 40 | 30 | 2 |
| Shobden | bcbbz0 | bz0cm0c | 41 | 37 | 0.3 |
| Bristol | cm0 | cm0 | 43 | 39 | 1 |
| Chivenor | bbccm0 | cm0ir0c | 45 | 42 | 2 |
| Yeovilton | cbcz2b | bcm0c | 43 | 0/s | 1 |
| Portland Bill | bc | cc | 47 | * | 1 |
| Exeter | bbm0bcm0 | bcm0cm | 40 | 40 | 4 |
| Plymouth | cm0bm0cm0 | ir0cm | 45 | 44 | 3 |
| St. Eval | cm0bcm0 | cm0ir0cm | 45 | 43 | 3 |
| The Lizard | cbz0 | offrz | 46 | * | 5 |
| Scilly, St. Marys | bcbwc | cFF | 47 | * | 1 |
| Fairwood | bccm0 | cm0r0m | 43 | 39 | 2 |
| Pembroke | c | cr0r0 | 44 | * | 3 |
| Aberporth | * | oRR | 42 | 41 | 2 |
| Penrhos | cbc | cm0cr0r0m | 41 | 40 | 4 |
| Holyhead, Valley | - | cir0r0r0m | 41 | 41 | 3 |
| Hawarden | bbc | bccbc | 43 | 36 | T- |
| Manchester | bcbcm0 | bm0 | 40 | 38 | T- |
| Squires Gate | bcprbc | cm0 | 39 | 37 | 0.6 |
| Silloth | bcprlbcb | bc | 35 | 35 | - |
| Ashbourne | bcm0pr0bm0 | bm0bcm | 39 | 34 | T- |
| Snaith | bz0kqpr0 | bcm0cm | 41 | 36 | 1 |
| Spurn Head | bm0 | bc | 40 | * | - |
| Leeming | b | c | 40 | 35 | T- |
| Tynemouth | bcm0 | bccm0 | 42 | 37 | - |
| Acklington | cprbm0b | bbcc | 39 | 37 | T- |
| St. Abb's Head | bcb | bcc | 38 | * | - |
| Leuchars | bbcb | bbcm0 | 37 | 33 | - |
| Montrose | bcpr0bm0b | cbc | 40 | 28 | - |
| Abbotsinch | cpr0bpr0 | pr0bcm0 | 38 | 0/s | 3 |
| Prestwick | cp0b | bcp0c | 42 | 39 | 1 |
| West Freugh | bccpr0bcb | bbcc | 43 | 42 | T- |
| Eskdalemuir | cRbcm | cpr | 35 | 33 | 1 |
| Jurby, I. of Man | bcpr0bbc | bcc | 43 | 39 | T- |
| Machrihanish | prbc | z | 43 | 40 | - |
| Tiree | cbcjlb | bbcc | 41 | 38 | 0.1 |
| Oban | bcpr0 | bcpr0c | 41 | * | * |
| Stornoway | bcpr0bc | bbc | 36 | 30 | 0.3 |
| Cape Wrath | cpr0c | bcc pohr | 42 | * | 1 |
| Dalwhinnie | | bcir0 | 34 | 31 | 4 |
| Aberdeen | cbcb | b | 35 | 28 | - |
| Fraserburgh | bcb | b | 33 | 0/s | - |
| Alness | bccpr0c | bbcpr0b | 36 | 32 | 1 |
| Wick | cbcpr0c | cbcp0rcpr0bc | 35 | 32 | 1 |
| Hatston | cprbc | bcpr bc | 38 | * | 1 |
| Sumburgh | cbcpr0b | bbcprc | 41 | 38 | · |
| Sullom Voe | bbcpr0b | bpr0c | 35 | 32 | T- |
| Blacksod Point | c | r | 42 | * | 3 |
| Malin Head | | c | 42 | * | 0.5 |
| Aldergrove | pr0pRlb | bcm0cm | 39 | 35 | 2 |
| Cas. Archdale | bcbc | cir0m0r0r0m | 40 | 39 | 4 |
| Birr Castle | * | r | 43 | 42 | 3 |
| Collinstown | c | r | 42 | 41 | 4 |
| Foynes | c | r | 44 | 43 | 5 |
| Valentia | c | r | 46 | 45 | 6 |
| Roches Point | c | r | 46 | * | 5 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

**CONFIDENTIAL**

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

Wednesday 7th February 1945

No. 30393

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

| 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 ... | 20.2 | -16 | SSW | 2 | r0r0 | 45 | 44 | 5 | 6 | 2 | - | 8 | 6 | 8 | 11 | 15 |
| | Croydon ... | 21.3 | -12 | S'W | 3 | r0r0 | 45 | 43 | 5 | 6 | 2 | - | 8 | 6 | 8 | 10 | 40 |
| | Boscombe Down | 19.5 | -2 | S | 4 | dd | 45 | 45 | 5 | 5 | 2 | - | 8 | 5 | 8 | 5 | 25 |
| | Thorney Island | 20.5 | -18 | S | 4 | r0r0 | 45 | 45 | 5 | 6 | 2 | - | 8 | 4 | 8 | 6 | 15 |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 22.1 | -10 | WSW | 2 | r0r0 | 45 | 44 | 5 | 5 | 2 | - | 8 | 5 | 8 | 6 | 15 |
| | Manston ... | 21.8 | -2 | W'S | 3 | r0r0 | 45 | 43 | 6 | - | 2 | - | 8 | 8 | - | 40 | - |
| 2 | North Weald | 20.7 | -8 | S | 2 | r0r0 | 43 | 42 | 4 | 5 | 2 | - | 8 | 4 | 8 | 8 | 15 |
| | Felixstowe ... | 20.2 | -2 | WSW | 4 | m | 45 | 41 | 4 | - | 2 | - | 8 | 8 | - | 130 | - |
| | Gorleston ... | 18.4 | -2 | WSW | 2 | 20 | 47 | 44 | 6 | 5 | - | - | 6 | 6 | - | 23 | - |
| | Mildenhall | 19.6 | +2 | SW'W | 3 | r0r0 | 45 | 44 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 25 |
| | Bircham Newton | 19.0 | 0 | WSW | 4 | ir0 | 45 | 41 | 6 | - | 2 | - | 8 | 8 | - | - | - |
| | Cranwell ... | 18.1 | -2 | SSW | 2 | ir | 43 | 43 | 5 | 6 | 2 | - | 8 | 3 | 8 | 8 | 57 |
| 3 | Cranfield ... | 19.4 | -6 | SSW | 3 | rr | 44 | 42 | 6 | 6 | 2 | - | 8 | 5 | 8 | 7 | 25 |
| | Honiley ... | 17.8 | -16 | S | 3 | r0r0 | 43 | 43 | 4 | 6 | 2 | - | 8 | 6 | 8 | 6 | 15 |
| 4 | Little Rissington | 17.3 | -20 | SSW | 4 | d0d0 | 42 | 42 | 4 | 6 | 2 | - | 8 | 5 | 8 | 2 | 8 |
| | Shobden ... | 16.5 | -26 | SE | 3 | dd | 44 | 43 | 5 | 5 | - | - | 8 | 5 | 8 | 5 | 15 |
| 5 | Bristol ... | 17.8 | -30 | SSE | 3 | id0 | 47 | 46 | 6 | 6 | 2 | - | 8 | 5 | 8 | 8 | 40 |
| | Chivenor ... | 16.6 | -24 | SW | 5 | id0 | 50 | 49 | 5 | 5 | 2 | - | 8 | 5 | 8 | 3 | 15 |
| | Yeovilton | 17.7 | -36 | S | 4 | c/r | 49 | 47 | 7 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Portland Bill | 19.8 | -26 | S | 4 | rf | 46 | 44 | 2 | 5 | - | - | 8 | 2 | - | 35 | - |
| | Exeter ... | 17.7 | -28 | SSE | 3 | d0d0 | 50 | 48 | 5 | 5 | - | - | 8 | 4 | 8 | 4 | 8 |
| | Plymouth ... | 18.6 | -18 | SW | 3 | c/d | 49 | 49 | 5 | 5 | - | - | 8 | 8 | - | 4 | - |
| | St. Eval ... | 18.7 | -4 | WSW | 5 | df | 49 | 49 | 1 | 5 | - | - | 8 | 8 | - | - | - |
| | The Lizard | 18.9 | +4 | SW'W | 6 | c/m | 50 | 50 | 5 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Scilly, St. Marys | 18.7 | 0 | W | 6 | 20 | 51 | 51 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 6 | Fairwood ... | 16.0 | -26 | SE | 2 | d0d0 | 45 | 45 | 4 | - | 2 | - | 8 | 8 | - | 6 | - |
| | Pembroke ... | 14.1 | -26 | SW | 6 | F | 48 | 48 | 0 | - | - | - | 9 | 9 | - | 0 | - |
| | Aberporth ... | 14.0 | -26 | S'W | 6 | c | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 25 | - |
| 7 | Penrhos ... | 13.1 | -34 | SSW | 3 | d0d0 | 42 | 42 | 4 | - | 2 | - | 8 | 8 | - | - | - |
| | Holyhead, Valley | 11.8 | -46 | SSE | 5 | id0 | 45 | 44 | 6 | 6 | 2 | - | 8 | 4 | 8 | 6 | 15 |
| | Hawarden ... | 14.5 | -30 | SSE | 4 | r0r0 | 44 | 44 | 4 | 6 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| 8 | Manchester | 15.8 | -14 | S | 3 | r0r0 | 43 | 41 | 4 | 6 | 2 | - | 8 | 4 | 8 | 6 | 15 |
| | Squires Gate | 14.3 | -20 | SSE | 4 | r0r0 | 38 | 37 | 5 | 5 | 2 | - | 8 | 4 | 8 | 7 | 15 |
| | Silloth ... | 12.8 | -14 | SSE | 2 | r0r0 | 43 | 41 | 6 | 5 | 2 | - | 8 | 4 | 8 | 12 | 25 |
| 9 | Ashbourne ... | 17.5 | -12 | SSE | 2 | r0r0 | 41 | 41 | 4 | - | 2 | - | 8 | 8 | - | 7 | - |
| | Snaith ... | 17.4 | -2 | SSW | 2 | ir0 | 44 | 40 | 4 | 5 | 2 | - | 8 | 3 | 8 | 30 | - |
| 10 | Spurn Head | 17.3 | -2 | SW | 4 | 20 | 44 | 39 | 6 | 5 | 2 | - | 8 | 8 | 3 | 25 | 57 |
| | Leeming | 15.5 | 0 | S'W | 2 | ir0 | 44 | 40 | 7 | 5 | 2 | - | 8 | 4 | 8 | 15 | 57 |
| | Tynemouth | 15.0 | 0 | SW | 3 | m | 44 | 40 | 4 | 5 | - | - | 7 | 7 | - | 22 | - |
| | Acklington | 13.0 | -6 | SW | 4 | 20 | 45 | 41 | 6 | 5 | 7 | - | 8 | 5 | 7 | 15 | 25 |
| 11 | St. Abb's Head | 11.2 | -4 | SW | 3 | c | 41 | 38 | 8 | 5 | - | - | 7 | 7 | - | 50 | - |
| | Leuchars ... | 10.6 | -6 | SW | 2 | 20 | 42 | 40 | 5 | - | 2 | - | 8 | 8 | - | - | - |
| | Montrose ... | 11.1 | -4 | S | 2 | 20 | 41 | 36 | 6 | 5 | 7 | - | 8 | 1 | 8 | 40 | - |
| 12 | Abbotsinch | 10.1 | -16 | SSW | 3 | ir0 | 44 | 42 | 7 | 5 | 2 | - | 8 | 1 | 5 | 6 | 25 |
| | Prestwick ... | 10.5 | +10 | S'E | 4 | r0r0 | 44 | 39 | 6 | 5 | 2 | - | 8 | 1 | 4 | 20 | 25 |
| | West Freugh | 10.7 | -26 | SSE | 3 | r0r0 | 42 | 42 | 6 | 5 | 2 | - | 8 | 4 | 8 | 6 | 15 |
| | Eskdalemuir | 12.0 | -16 | SSW | 3 | r0r0 | 41 | 39 | 6 | 6 | - | - | 8 | 8 | - | 4 | - |
| | Jurby, I. of Man | 11.6 | -32 | SE | 3 | rr | 43 | 41 | 6 | 5 | 2 | - | 8 | 5 | 6 | 10 | 25 |
| 13A | Machrihanish | 08.6 | -26 | SE'S | 5 | r0r0 | 43 | 41 | 6 | 5 | - | - | 8 | 4 | 5 | 8 | 25 |
| | Tiree ... | 06.6 | -30 | S'E | 5 | r0r0 | 43 | 40 | 6 | 5 | 2 | - | 8 | 4 | 8 | 6 | 25 |
| | Oban ... | 09.2 | -22 | SSW | 3 | c/r | 43 | 41 | 6 | 5 | 2 | - | 8 | 4 | 8 | 10 | - |
| 13B | Stornoway ... | 05.4 | -14 | SSW | 3 | c | 44 | 42 | 7 | 5 | 7 | - | 8 | 2 | 8 | 20 | - |
| | Cape Wrath | 05.6 | -10 | W | 4 | c | 42 | 38 | 8 | 5 | 7 | - | 8 | 5 | - | 15 | - |
| 15 | Dalwhinnie | 08.5 | -4 | SW | 4 | c | 39 | 33 | 7 | 9 | 7 | - | 8 | 6 | 2 | 20 | - |
| | Aberdeen ... | 10.1 | -2 | S | 2 | m | 41 | 33 | 4 | - | 5 | 7 | 8 | 5 | 8 | - | - |
| | Fraserburgh | 09.5 | -2 | WSW | 3 | c | 41 | 36 | 7 | - | 7 | - | 8 | 9 | 8 | 7 | - |
| | Alness ... | 07.9 | -8 | W'N | 1 | c | 41 | 38 | 7 | 8 | 7 | 7 | 8 | 1 | 6 | 25 | 25 |
| | Wick ... | 07.3 | +2 | SW | 3 | c | 41 | 36 | 9 | - | 7 | - | 8 | 8 | - | - | - |
| 16 | Hatston ... | 06.2 | +8 | WSW | 5 | c | 44 | 38 | 7 | 5 | 1 | 8 | 7 | 1 | 7 | 25 | - |
| | Sumburgh ... | 04.7 | +12 | WSW | 3 | c-bc | 44 | 40 | 8 | 2 | 7 | 6 | 5 | 3 | 2 | 18 | - |
| | Sullom Voe | 03.5 | +10 | SW | 3 | bc | 43 | 39 | 8 | 8 | 3 | - | 4 | 3 | 3 | 14 | 25 |
| 17 | Blacksod Point† | 04.4 | -8 | SW | 4 | ir0 | 51 | 50 | 6 | - | 2 | - | 8 | 8 | - | 4 | - |
| 18 | Malin Head † | 03.8 | -18 | SSE | 3 | rr | 43 | 41 | 7 | - | 2 | - | 8 | 8 | - | 8 | - |
| | Aldergrove | 08.4 | -46 | SE | 4 | r0r0 | 43 | 41 | 6 | 6 | 2 | - | 8 | 5 | 8 | 5 | 8 |
| | Cas. Archdale | 06.6 | -36 | SSE | 3 | iR | 42 | 42 | 6 | 5 | - | - | 8 | 6 | 8 | 6 | 15 |
| 19 | Birr Castle ... † | 08.4 | -4 | SSW | 3 | c | 54 | 52 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - |
| | Collinstown † | 03.5 | -32 | SW | 4 | c | 46 | 45 | 8 | 5 | 2 | - | 8 | 7 | - | 11 | - |
| 20 | Foynes ... † | 09.9 | -6 | WSW | 2 | id0 | 55 | 53 | 6 | 5 | 2 | - | 8 | 8 | - | 9 | - |
| | Valentia ... † | 12.3 | 0 | SW | 6 | c/d | 54 | 53 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Roches Point † | 12.8 | -4 | SW | 4 | dd | 52 | 51 | 5 | 5 | - | - | 8 | 8 | - | 4 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

| 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) | 21 h State of Ground. ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 14.1 | -24 | SSW | 3 | 20 | 45 | 44 | 6 | 5 | - | - | 8 | 8 | - | 21 | - | 1 |
| | Croydon ... | 14.5 | -28 | SSW | 4 | 20 | 45 | 44 | 5 | 5 | 7 | - | 8 | 4 | 5 | 10 | 57 | 1 |
| | Boscombe Down | 16.2 | -2 | SW'S | 3 | d0d0 | 51 | 51 | 5 | - | 2 | - | 8 | 8 | - | 4 | - | 1 |
| | Thorney Island | 15.9 | -18 | SW'W | 3 | id0 | 47 | 47 | 4 | - | 2 | - | 3 | 8 | - | 8 | - | 1 |
| | Friston ... | | | | | | | | | | | | | | | | | |
| | Lympne ... | 16.8 | -24 | SSW | 4 | df | 42 | 42 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| | Manston ... | 17.4 | -20 | S | 5 | d0d0 | 43 | 43 | 4 | 6 | - | - | 8 | 8 | - | 2 | - | 1 |
| 2 | North Weald | 14.3 | -30 | SSW | 3 | rf | 44 | 43 | 3 | 5 | 2 | - | 8 | 6 | 8 | 8 | 15 | 1 |
| | Felixstowe ... | 15.9 | -26 | SSE | 4 | ir0 | 41 | 40 | 4 | - | 2 | - | 8 | 8 | - | 12 | - | 1 |
| | Gorleston ... | 15.9 | -20 | SSW | 5 | r0r0 | 40 | 38 | 5 | 6 | - | - | 8 | 8 | - | 6 | - | 1 |
| | Mildenhall | 13.2 | -30 | S | 3 | d0d0 | 34 | 43 | 5 | 5 | - | - | 8 | 5 | 8 | 6 | 15 | 1 |
| | Bircham Newton | 12.8 | -30 | SSE | 4 | r0r0 | 43 | 43 | 5 | 5 | 2 | - | 8 | 5 | 8 | 3 | 8 | 1 |
| | Cranwell ... | 11.4 | -26 | SSE | 3 | d0d0 | 44 | 44 | 4 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 1 |
| 3 | Cranfield ... | 13.4 | -20 | WSW | 3 | 20 | 47 | 45 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 |
| | Honiley ... | 11.3 | -22 | SSW | 4 | 20 | 48 | 47 | 5 | 6 | 2 | - | 8 | 6 | 8 | 6 | 15 | 1 |
| 4 | Little Rissington | 12.4 | -12 | WSW | 4 | m | 47 | 47 | 4 | 5 | - | - | 8 | 6 | 8 | 2 | 8 | 1 |
| | Shobden ... | 12.0 | -10 | S | 3 | id0 | 50 | 49 | 5 | 5 | 7 | - | 8 | 4 | 5 | 6 | 8 | 1 |
| 5 | Bristol ... | 15.1 | -6 | W | 2 | dd | 48 | 46 | 4 | 6 | - | - | 8 | 7 | 8 | 3 | 15 | 1 |
| | Chivenor ... | 15.2 | -6 | WSW | 5 | 20 | 51 | 50 | 6 | 5 | - | - | 8 | 4 | 8 | 7 | 15 | 1 |
| | Yeovilton | 14.9 | -6 | W'S | 3 | c | 53 | 51 | 6 | 6 | 7 | - | 8 | 5 | 8 | 6 | 1 | 1 |
| | Portland Bill | 16.6 | -4 | SW | 4 | f | 47 | 45 | 2 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| | Exeter ... | 15.9 | -6 | WSW | 4 | c | 53 | 49 | 7 | 5 | - | - | 8 | 4 | 8 | 10 | 25 | 1 |
| | Plymouth ... | 17.2 | -4 | W | 5 | 20 | 49 | 48 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 15 | 1 |
| | St. Eval ... | 16.4 | -14 | WSW | 6 | 20 | 50 | 49 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 1 |
| | The Lizard | 16.5 | -10 | W'S | 6 | 20 | 49 | 49 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| | Scilly, St. Marys | 16.3 | -10 | W'S | 5 | c | 50 | 49 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| 6 | Fairwood ... | 13.7 | -4 | WSW | 5 | cf- | 48 | 48 | 3 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| | Pembroke ... | 13.9 | 0 | SW | 5 | if | 48 | 46 | 6 | 5 | - | - | 8 | 8 | - | 11 | - | 1 |
| | Aberporth ... | 11.9 | +2 | SW'W | 5 | 20 | 49 | 49 | 6 | 6 | 2 | - | 8 | 7 | 8 | 2 | 15 | 1 |
| 7 | Penrhos ... | 09.6 | -10 | WSW | 5 | cf- | 48 | 48 | 2 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| | Holyhead, Valley | 09.2 | -6 | SSW | 5 | cf | 46 | 46 | 3 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| | Hawarden ... | 09.0 | -16 | W'S | 6 | c | 52 | 50 | 7 | 5 | 7 | - | 7 | 3 | 5 | 18 | 15 | 1 |
| 8 | Manchester | 09.3 | -26 | S | 4 | c/d | 47 | 46 | 4 | 6 | 2 | - | 8 | 4 | 8 | 6 | 15 | 1 |
| | Squires Gate | 07.9 | -16 | SE | 4 | c/d | 46 | 46 | 5 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| | Silloth ... | 06.2 | -22 | NE | 2 | d0d0 | 42 | 41 | 3 | 6 | 2 | - | 8 | 6 | 8 | 8 | 15 | 2 |
| 9 | Ashbourne ... | 10.8 | -22 | SSW | 2 | df | 43 | 43 | 2 | - | 2 | - | 8 | 8 | - | 8 | - | 1 |
| | Snaith ... | 10.0 | -34 | S'E | 3 | d0d0 | 44 | 43 | 4 | 6 | 2 | - | 8 | 5 | 8 | 10 | 40 | 1 |
| 10 | Spurn Head | 11.1 | -34 | S'E | 5 | r0r0 | 42 | 42 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| | Leeming | 08.4 | -28 | SE | 3 | r0r0 | 42 | 42 | 4 | - | 2 | - | 8 | 8 | - | 5 | - | 1 |
| | Tynemouth | 09.6 | -26 | SSE | 4 | rr | 42 | 41 | 5 | - | 2 | - | 8 | 8 | - | 15 | - | 1 |
| | Acklington | 07.8 | -20 | SE | 3 | r0r0 | 40 | 39 | 4 | - | 2 | - | 8 | 8 | - | 10 | - | 1 |
| 11 | St. Abb's Head | 05.2 | -42 | S | 3 | r0r0 | 39 | 38 | 7 | 5 | - | - | 8 | 8 | - | 20 | - | 1 |
| | Leuchars ... | 04.6 | -32 | SE'E | 2 | r0r0 | 40 | 38 | 6 | 6 | 2 | - | 8 | 4 | 8 | 8 | 25 | 1 |
| | Montrose ... | 06.0 | -26 | SSE | 4 | r0r0 | 40 | 38 | 6 | 5 | 2 | - | 8 | 4 | 8 | 10 | 40 | 1 |
| 12 | Abbotsinch | 04.2 | -26 | NE | 1 | r0r0 | 41 | 41 | 4 | 5 | 2 | - | 8 | 2 | 5 | 10 | 25 | 1 |
| | Prestwick ... | 02.8 | -30 | SSE | 4 | r0r0 | 46 | 45 | 6 | - | 2 | - | 8 | 8 | - | 13 | - | 1 |
| | West Freugh | 03.8 | -30 | SW | 3 | c/d | 47 | 47 | 4 | 6 | - | - | 8 | 5 | 8 | 4 | 15 | 1 |
| | Eskdalemuir | 05.4 | -26 | SSW | 3 | rf | 39 | 38 | 3 | - | 2 | - | 8 | 8 | - | - | - | 1 |
| | Jurby, I. of Man | 06.0 | -10 | SW | 6 | c | 51 | 50 | 7 | 6 | 2 | - | 8 | 4 | 5 | 3 | 8 | 2 |
| 13A | Machrihanish | 01.6 | -28 | SSE | 4 | ir0 | 47 | 45 | 6 | 5 | - | - | 8 | 3 | 4 | 2 | 4 | 1 |
| | Tiree ... | 37.1 | -38 | SSW | 5 | d0d0 | 47 | 47 | 5 | 6 | 2 | - | 8 | 5 | 8 | 4 | 15 | 2 |
| | Oban ... | 01.2 | -38 | SW | 3 | dd | 42 | 42 | 6 | - | 2 | - | 8 | 8 | - | 8 | - | |
| 13B | Stornoway ... | 95.6 | -46 | SE | 6 | r0r0 | 42 | 41 | 6 | 6 | 2 | - | 8 | 5 | 8 | 10 | 15 | 1 |
| | Cape Wrath | 97.6 | -38 | SW | 4 | pr0 | 42 | 42 | 8 | 5 | 2 | - | 8 | 5 | - | 15 | - | 2 |
| 15 | Dalwhinnie | 02.0 | -32 | S | 5 | rr | 36 | 33 | 6 | 8 | 2 | - | 8 | 3 | - | 5 | - | 5 |
| | Aberdeen ... | 05.5 | -26 | SSE | 2 | r0r0 | 41 | 40 | 5 | 6 | 2 | - | 8 | 3 | 8 | - | - | 4 |
| | Fraserburgh | 05.1 | -26 | S | 4 | ir0 | 40 | 38 | 6 | - | 2 | - | 8 | 8 | - | 30 | - | 1 |
| | Alness ... | 00.6 | -46 | SSE | 1 | r0r0 | 39 | 38 | 6 | 5 | 2 | - | 8 | 4 | 8 | 10 | 40 | 4 |
| | Wick ... | 02.2 | -36 | SSE | 4 | c | 42 | 35 | 7 | 6 | 2 | - | 8 | 5 | 8 | 40 | | 1 |
| 16 | Hatston ... | 02.2 | -30 | SE'S | 4 | 20 | 42 | 38 | 6 | 5 | 2 | - | 8 | 5 | 8 | 40 | - | 1 |
| | Sumburgh ... | 03.5 | -12 | SSW | 3 | 20 | 41 | 40 | 6 | 5 | - | - | 3 | 1 | 3 | 8 | 25 | 1 |
| | Sullom Voe | 03.1 | -12 | S'E | 3 | bc | 40 | 38 | 7 | 5 | 7 | - | 4 | 2 | 4 | 6 | - | 4 |
| 17 | Blacksod Point† | 99.5 | -30 | SSW | 6 | dd | 51 | 50 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - | 2 |
| 18 | Malin Head † | 98.3 | -22 | SSW | 5 | ir0 | 51 | 49 | 7 | - | 2 | - | 8 | 8 | - | 8 | - | 2 |
| | Aldergrove | 03.0 | -16 | S'W | 4 | c/d | 52 | 51 | 5 | 6 | 2 | - | 8 | 7 | 8 | 3 | 8 | 1 |
| | Cas. Archdale | 02.4 | -20 | SSW | 4 | id0 | 51 | 50 | 6 | 5 | 7 | - | 8 | 5 | 6 | 6 | 15 | 1 |
| 19 | Birr Castle ... † | 05.8 | -14 | WSW | 2 | c | 55 | 51 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - | 1 |
| | Collinstown † | 07.1 | -6 | SW'S | 4 | c | 54 | 49 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| 20 | Foynes ... † | 06.3 | -22 | WSW | 6 | id0 | 55 | 50 | 7 | 5 | 2 | - | 8 | 7 | - | 8 | - | 1 |
| | Valentia ... † | 07.0 | -26 | SSW | 6 | d0d0 | 53 | 51 | 6 | 5 | - | - | 8 | 8 | - | 7 | - | 1 |
| | Roches Point † | 10.7 | -14 | SW'W | 4 | id | 50 | 49 | 5 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |

## OBSERVATIONS during DAY

| District | Stations | Weather. 06h.–12h. (34) | Weather. 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|---|
| 1 | Kew ... | or0r0m0 | r1r0 d0cm0 | 49 | 0.1 | 4 |
| | Croydon ... | cm0r0m0m0 | cd0d0cm0 | 49 | 0.0 | 3 |
| | Boscombe Down | cr0rmmcdm | cd0d0m0cm0 | 51 | 0.0 | 3 |
| | Thorney Island | cr0r0m0ovr | od0d0mf | 48 | * | 3 |
| | Friston ... | | | | | |
| | Lympne ... | cm0r0r0m0 | or0r0d0FF | 45 | 0.0 | 4 |
| | Manston ... | cm0z0ir0 | cr0d0m0 | 48 | 0.0 | 2 |
| 2 | North Weald | cm0cr0r0m0 | cr0r0mcff | 47 | * | 4 |
| | Felixstowe ... | cm0cmom | cr0r0m | 47 | 0.0 | 2 |
| | Gorleston ... | bccz0 | cor0r0z | 47 | 0.0 | 2 |
| | Mildenhall | ccm0cir0m0 | cr0r0m0 | 48 | 0.0 | 4 |
| | Bircham Newton | cm | cr0r0m0 | 46 | | 4 |
| | Cranwell ... | cir0m0 | cr0r0m0od0d0 | 49 | 0.0 | 4 |
| 3 | Cranfield ... | cm0cr0r0 | cr0r0m0 | 49 | * | 4 |
| | Honiley ... | cr0r0r0 | cid0m0 | 49 | 0.0 | 6 |
| 4 | Little Rissington | cir0d0d0 | od0f cm | 48 | * | 5 |
| | Shobden ... | cr0mmmmr0 | cddm0 | 51 | * | 2 |
| 5 | Bristol ... | cm0rdc | cm0r0r0dd | 51 | 0.0 | 5 |
| | Chivenor ... | cr0rd0m0 | d0d0m0cm0 | 51 | * | 5 |
| | Yeovilton | rrcrrc | rcc | 53 | * | 1 |
| | Portland Bill | orf | | 48 | * | 3 |
| | Exeter ... | cr0r0d0d0m0 | cd0d0id0m0c | 54 | * | Tr |
| | Plymouth ... | cm0cd0d0m0 | od0d0m0c | 51 | 0.0 | 2 |
| | St. Eval ... | cd0 | FFd0d0cm0 | 50 | | 2 |
| | The Lizard | cid0fcm0 | ocm0 | 50 | 0.0 | 0.5 |
| | Scilly, St. Marys | orfc | c | 51 | 0.0 | 0.1 |
| 6 | Fairwood ... | rrd0m0 | cd0dm, of | 49 | * | 4 |
| | Pembroke ... | or0r0poi0f | oripoi0f | 49 | 0.0 | 2 |
| | Aberporth ... | cr0r0 | od0d0c | 51 | * | 1 |
| 7 | Penrhos ... | cr0r0m0 | oF | 48 | * | 4 |
| | Holyhead, Valley | cr0rm0 | od0dof | 47 | * | 1 |
| | Hawarden ... | bccir0cr0m0 | cr0r0m0c | 53 | 0.0 | 3 |
| 8 | Manchester | cm0r0r0m0 | rrd0d0m0 | 49 | 0.0 | 5 |
| | Squires Gate | r0r0r0 | cd0d0mdfcm | 47 | * | 8 |
| | Silloth ... | cm0cir0m0 | cr0r0d0d0m0 | 51 | * | 6 |
| 9 | Ashbourne ... | bcm0cir0m | or0r0modof | 49 | * | 7 |
| | Snaith ... | cm0ir0m | cr0d0d0m | 44 | * | 3 |
| 10 | Spurn Head | cm0 | or0r0 | 47 | 0.0 | 4 |
| | Leeming | c, cir0 | r0r0m0rrm | 45 | 0.0 | 5 |
| | Tynemouth | cm | orrmm | 45 | 0.0 | 6 |
| | Acklington | ccm0 | cr0r0m0 | 45 | * | 5 |
| 11 | St. Abb's Head | c | or0or0 | 43 | * | 4 |
| | Leuchars ... | cm0 | cr0r0m0 | 43 | 0.0 | 3 |
| | Montrose ... | ccm0 | cm0cr0r0m0 | 42 | | 1 |
| 12 | Abbotsinch | cm0ir0 | cr0r0r0 | 44 | 0.0 | 10 |
| | Prestwick ... | cm0or0r0 | ommr0r0p | 51 | * | 5 |
| | West Freugh | cm0r0r0m0 | cr0rrd0cm0 | 49 | * | 14 |
| | Eskdalemuir | cm0r0r0m0 | cr0m0orrf | 43 | 0.0 | 8 |
| | Jurby, I. of Man | cr0crm0 | crrm0ir0m0d | 54 | * | 4 |
| 13A | Machrihanish | rrir | czcidrr | 54 | * | 4 |
| | Tiree ... | cir0cr0m | cr0r0d0d0m0 | 49 | 0.0 | 8 |
| | Oban ... | m0r0r0c | cr0r0d0r0r0m0 | 46 | * | |
| 13B | Stornoway ... | bcc | ccir0r0m0 | 46 | 0.0 | 9 |
| | Cape Wrath | c | ccpr0 | 45 | * | 2 |
| 15 | Dalwhinnie | oir | | 39 | 0.0 | 5 |
| | Aberdeen ... | bccm0 | cm0cir0m0 | 41 | 0.0 | 0.6 |
| | Fraserburgh | bbcc | ccm0 | 41 | * | 0.2 |
| | Alness ... | bbcc | ccr0r0m0 | 42 | * | 5 |
| | Wick ... | p0rbcc | c | 43 | * | 2 |
| 16 | Hatston ... | c | cc | 45 | * | 0.6 |
| | Sumburgh ... | bcprbc | bcbcz0 | 45 | 2.4 | Tr |
| | Sullom Voe | cp0rbc | cbc | 44 | * | 0.3 |
| 17 | Blacksod Point† | bc | c | 53 | * | 3 |
| 18 | Malin Head † | bbc | cbc | 51 | 0.0 | – |
| | Aldergrove | r0r0d0d0cm0 | | 53 | 0.0 | 5 |
| | Cas. Archdale | ccir0m0 | cr0r0id0m0 | 53 | * | 8 |
| 19 | Birr Castle ... † | bbc | b | 55 | 0.0 | 5 |
| | Collinstown † | bc | bc | 55 | 0.0 | 4 |
| 20 | Foynes ... † | c | c | 56 | 0.0 | 1 |
| | Valentia ... † | c | c | 55 | 0.0 | Tr |
| | Roches Point † | bc | bc | 52 | * | 1 |

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

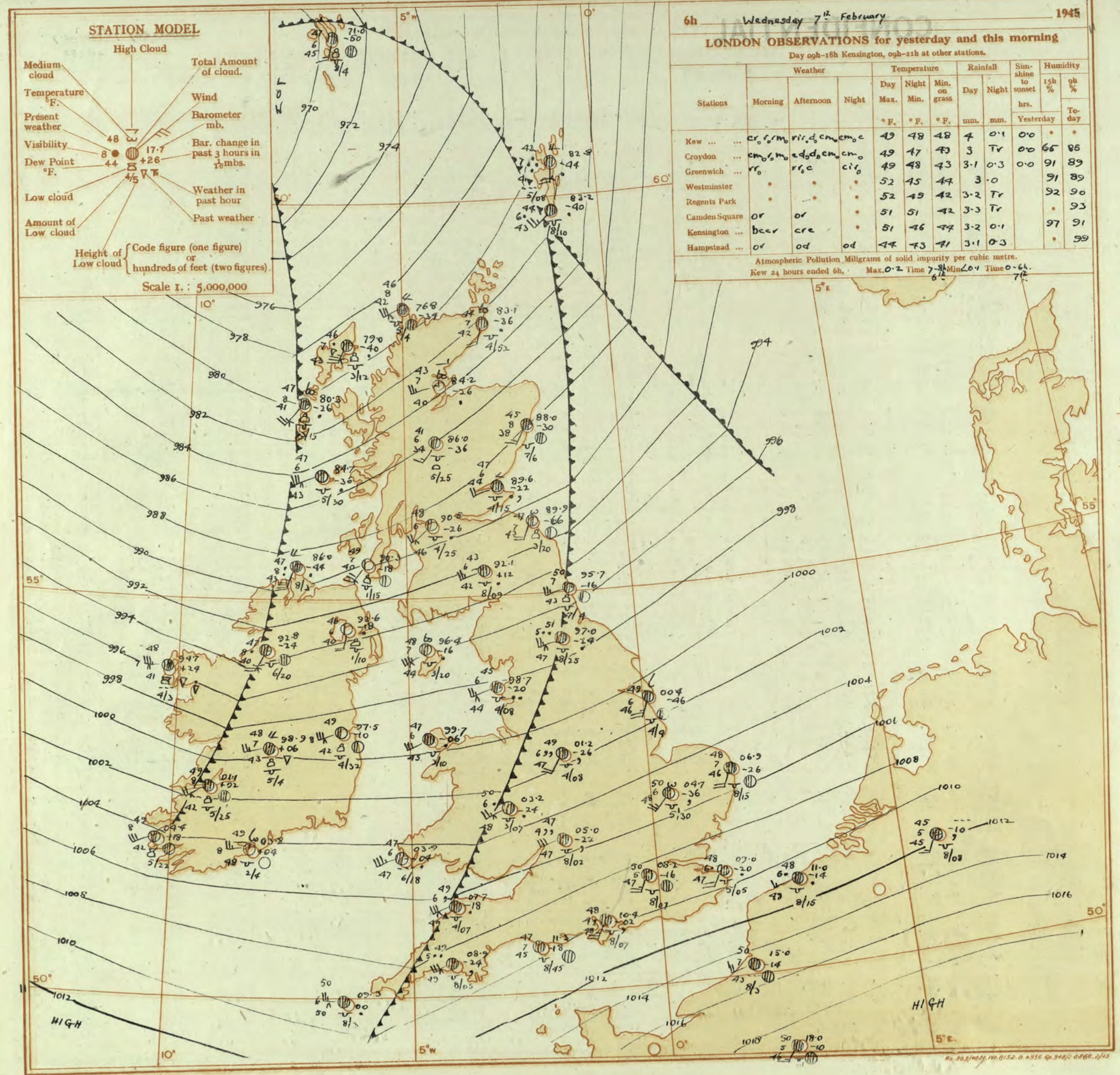
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

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

‡ See footnote p. 4.

* Information not usually received.

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




6h Wednesday 7th February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | cr₀r₀rm₀ | rir₀d₀cm₀ | cm₀c | 49 | 48 | 48 | 4 | 0·1 | 0·0 | • | • |
| Croydon ... | cm₀r₀m₀ | ed₀d₀cm₀ | cm₀ | 49 | 47 | 43 | 3 | Tr | 0·0 | 65 | 86 |
| Greenwich ... | rr₀ | rr₀c | cir₀ | 49 | 48 | 43 | 3·1 | 0·3 | 0·0 | 91 | 89 |
| Westminster | • | • | • | 52 | 45 | 44 | 3 | ·0 | | 91 | 89 |
| Regents Park | • | • | • | 52 | 49 | 42 | 3·2 | Tr | | 92 | 90 |
| Camden Square | or | or | • | 51 | 51 | 42 | 3·3 | Tr | | • | 93 |
| Kensington ... | bccr | cre | • | 51 | 46 | 44 | 3·2 | 0·1 | | 97 | 91 |
| Hampstead ... | or | od | od | 44 | 43 | 41 | 3·1 | 0·3 | | • | 99 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h, Max. 0·2 Time 7-8h Min. <0·1 Time 0-6h.

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

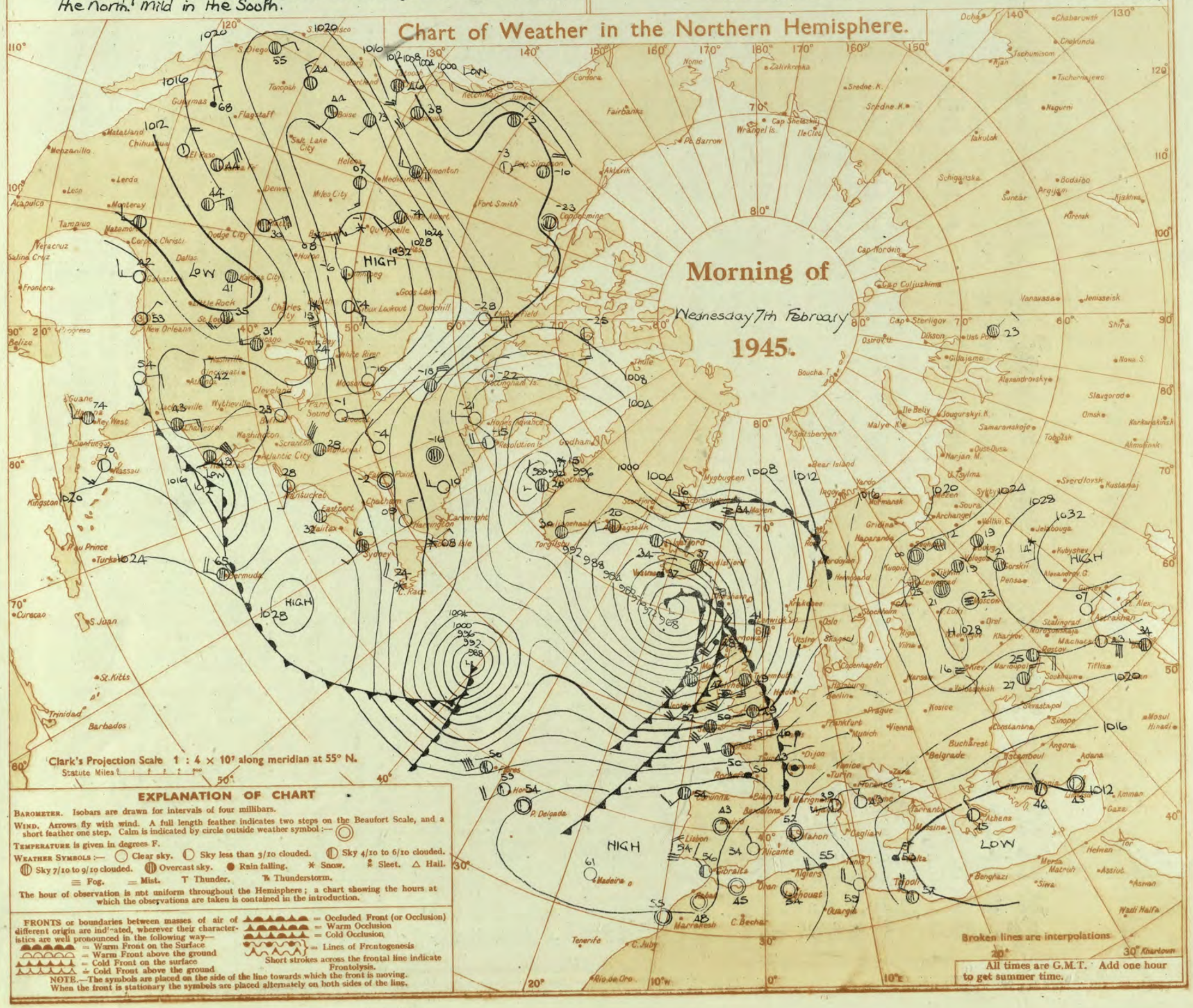
## GENERAL INFERENCE

A deep depression centred west of Faeroes is moving eastnortheast, and a ridge of high pressure west of Ireland is moving east. A deepening depression northwest of the Azores is moving northeast. There will be showers in the North and west at first, but it will be fair in the East. Rain will reach west Ireland later in the night, spreading east to western districts of England during tomorrow morning. It will be rather cold in the north. Mild in the South.

## FURTHER OUTLOOK

Unsettled and mild.

Gale warning in operation in districts 13A, 13B Issued at 0415h GMT. 6. Feb. 45.
In districts 5 (part of) 6, 7, 8, 12 (part of) 17, 18 " " 0515h GMT. 6. Feb. 45
" " 12 (part of), 15 (part of) 16 " " 1235h. GMT. 6. Feb. 45
" " 15 (part of) " " 1630h. GMT. 6. Feb. 45
" " 3 + 4 (part of) 9, 10, 11, 14 " " 1010h. GMT. 7. Feb 45




### 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.

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.

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 7th February 1945

No. 30394

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

| 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 | | * | * | * | * | 49 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 13·1 | -10 | SSW | 4 | zo | 49 | 47 | 6 | 5 | - | - | 8 | 4 | 8 | 6 | 40 |
| | Boscombe Down | 417 | 13·3 | -36 | SWS | 4 | zo | 49 | 48 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Thorney Island | 10 | 15·1 | -8 | WSW | 4 | m | 48 | 47 | 4 | 6 | - | - | 8 | 8 | - | 7 | - |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 14·7 | -8 | WS | 4 | F | 46 | 46 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Manston | 140 | 13·3 | -12 | WSW | 4 | zo | 48 | 48 | 6 | 5 | - | - | 8 | 4 | 8 | 4 | 15 |
| 2 | North Weald | 244 | 12·0 | -12 | SSW | 4 | m | 49 | 49 | 4 | 5 | - | - | 8 | 5 | 8 | 10 | 15 |
| | Felixstowe | 10 | 12·1 | -18 | SW | 3 | zo | 43 | 42 | 5 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Gorleston | 5 | 11·5 | -18 | SW | 3 | o/d | 47 | 45 | 6 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Mildenhall | 15 | 10·0 | -22 | SW | 5 | zo | 50 | 48 | 5 | 5 | - | - | 3 | 3 | - | 20 | - |
| | Bircham Newton | 221 | 09·3 | -20 | SSW | 3 | zo | 48 | 48 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| | Cranwell | 203 | 07·8 | -8 | SSW | 5 | zo | 49 | 47 | 5 | 5 | - | - | 5 | 5 | - | 8 | - |
| 3 | Cranfield | 340 | 11·2 | -14 | WSW | 3 | zo | 50 | 47 | 6 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Honiley | 427 | 08·6 | -22 | SSW | 5 | zo | 48 | 47 | 6 | 5 | - | - | 6 | 4 | 6 | 2 | 8 |
| 4 | Little Rissington | 731 | 09·3 | -30 | WSW | 4 | ido | 48 | 48 | 4 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Shobden | 318 | 08·5 | -30 | SSW | 4 | dodo | 49 | 49 | 5 | 5 | - | - | 8 | 5 | 8 | 6 | 15 |
| 5 | Bristol | 209 | 12·8 | -18 | SSW | 5 | zo | 51 | 50 | 5 | 5 | - | - | 8 | 4 | 8 | 9 | 15 |
| | Chivenor | 20 | 12·1 | -20 | SW | 6 | ido | 50 | 49 | 6 | 5 | - | - | 8 | 4 | 8 | 5 | 8 |
| | Yeovilton | 50 | 12·5 | -20 | SSW | 3 | c/d | 51 | 50 | 6 | 5 | - | - | 8 | 8 | 8 | 20 | 25 |
| | Portland Bill | 32 | 15·5 | -6 | SSW | 4 | o | 47 | 45 | 7 | 5 | - | - | 8 | 6 | - | 45 | - |
| | Exeter | 100 | 14·1 | -12 | SSW | 3 | zo | 51 | 49 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Plymouth | 86 | 13·9 | -22 | WSW | 5 | c/d | 48 | 48 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | St. Eval | 345 | 13·0 | -22 | SW | 6 | o | 50 | 48 | 5 | 5 | - | - | 8 | 8 | - | 4 | - |
| | The Lizard | 240 | 13·7 | -26 | SWS | 6 | c/d | 49 | 49 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Scilly, St. Marys | 163 | 12·3 | -24 | SWW | 6 | c | 50 | 50 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| 6 | Fairwood | 268 | 10·3 | -26 | SW | 5 | rf | 46 | 46 | 3 | - | - | - | 9 | 9 | - | 0 | - |
| | Pembroke | 142 | 08·0 | -28 | SWS | 6 | f | 48 | 48 | 4 | - | - | - | 9 | 9 | - | 0 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 06·7 | -20 | SW | 5 | m | 47 | 47 | 4 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Holyhead, Valley | 32 | 04·9 | -28 | SSW | 6 | df | 47 | 47 | 2 | 5 | - | - | 8 | 8 | - | - | - |
| | Hawarden | 15 | 05·2 | -32 | SW | 4 | ro | 53 | 49 | 6 | 5 | 2 | - | 8 | 5 | 8 | 15 | - |
| 8 | Manchester | 230 | 06·3 | -16 | SW | 4 | zo | 50 | 46 | 6 | 5 | - | - | 8 | 5 | 8 | 9 | 40 |
| | Squires Gate | 30 | 04·2 | -22 | SSW | 3 | c | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Silloth | 25 | 01·2 | -28 | S | 6 | zo | 46 | 45 | 6 | 5 | 2 | - | 8 | 6 | 8 | 4 | 15 |
| 9 | Ashbourne | 590 | 07·1 | -30 | SSW | 4 | m | 49 | 47 | 4 | 6 | 2 | - | 8 | 4 | 8 | 6 | 15 |
| | Snaith | 30 | 05·9 | -26 | SWS | 3 | zo | 51 | 47 | 5 | 5 | - | - | 8 | 8 | - | 37 | - |
| 10 | Spurn Head | 29 | 06·7 | -24 | SSW | 5 | c | 42 | 41 | 6 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Leeming | 105 | 02·8 | -34 | SSE | 3 | zo | 51 | 47 | 5 | 5 | - | - | 8 | 8 | - | 17 | - |
| | Tynemouth | 108 | 01·8 | -20 | S | 5 | c/r | 49 | 46 | 6 | - | 2 | - | 8 | 8 | - | 15 | - |
| | Acklington | 138 | 99·5 | -46 | SSE | 4 | m/d | 48 | 46 | 4 | 5 | 2 | - | 8 | 5 | 8 | 12 | 25 |
| 11 | St. Abb's Head | 280 | 96·1 | -46 | S | 4 | c | 45 | 45 | 6 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Leuchars | 31 | 95·4 | -50 | SW | 2 | dodo | 42 | 41 | 4 | 6 | 2 | - | 8 | 4 | 8 | 5 | 8 |
| | Montrose | 22 | 95·5 | -64 | S | 4 | dodo | 42 | 41 | 5 | - | 2 | - | 8 | 8 | - | 4 | - |
| 12 | Abbotsinch | 19 | 95·8 | -58 | SSW | 6 | rr | 52 | 51 | 5 | 5 | - | - | 8 | 8 | - | 14 | - |
| | Prestwick | 30 | 96·4 | -44 | S | 6 | zo | 53 | 49 | 6 | 5 | - | - | 8 | 8 | - | 18 | - |
| | West Freugh | 53 | 98·4 | -28 | SW | 4 | zo | 48 | 47 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 00·6 | -30 | SWS | 7 | c | 51 | 47 | 7 | 5 | 2 | - | 8 | 4 | 8 | 20 | 57 |
| 13A | Machrihanish | 35 | 95·4 | -26 | SE | 6 | roro | 53 | 50 | 6 | 5 | - | - | 8 | 3 | 5 | 8 | 15 |
| | Tiree | 44 | 90·6 | -28 | SSW | 5 | c/r | 49 | 49 | 5 | - | 2 | - | 8 | 8 | - | 6 | - |
| | Oban | 74 | 93·4 | -42 | SSW | 4 | rr | 50 | 49 | 5 | 6 | 2 | - | 8 | 8 | - | 6 | - |
| 13B | Stornoway | 12 | 85·0 | -38 | SSW | 6 | roro | 48 | 48 | 6 | 6 | 2 | - | 8 | 4 | 8 | 5 | 15 |
| | Cape Wrath | 367 | 83·4 | -78 | SE | 5 | rr | 47 | 47 | 8 | 5 | - | - | 8 | 8 | - | 8 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | 41 | | | | | | | | | | |
| | Fraserburgh | 76 | 94·0 | -40 | SSE | 5 | roro | 42 | 42 | 6 | - | 2 | - | 8 | 8 | - | 10 | - |
| | Alness | 63 | 98·4 | -46 | SW | 3 | roro | 42 | 41 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Wick | 114 | 90·7 | -58 | SSE | 5 | c/r | 40 | 39 | 6 | 6 | 2 | - | 8 | 4 | 8 | 10 | 40 |
| 16 | Hatston | 45 | 89·1 | -68 | SSE | 7 | rr | 41 | 41 | 4 | 5 | - | - | 8 | 4 | 8 | 5 | 15 |
| | Sumburgh | 15 | 94·2 | -58 | SE | 6 | roro | 41 | 39 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Sullom Voe | 12 | 94·7 | -54 | SEE | 6 | roro | 41 | 38 | 7 | 5 | - | - | 8 | 4 | 8 | 8 | - |
| 17 | Blacksod Point † | 18 | 94·5 | -14 | SWS | 7 | c | 52 | 48 | 6 | 6 | - | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 96·5 | -38 | S | 5 | ro | 52 | 50 | 5 | 6 | - | - | 8 | 8 | - | 9 | - |
| | Cas. Archdale | 240 | 96·8 | -26 | SSW | 5 | c/r | 51 | 49 | 6 | 5 | - | - | 7 | 3 | 7 | 8 | 15 |
| 19 | Birr Castle … † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 00·4 | -40 | SWS | 6 | b-bc | 52 | 48 | 8 | 5 | - | - | 3 | 3 | - | 13 | - |
| 20 | Foynes † | 3 | 01·4 | -14 | SW | 4 | dodo | 53 | 49 | 7 | 5 | - | - | 8 | 8 | - | 18 | - |
| | Valentia † | 30 | 02·4 | -14 | SW | 6 | ro | 52 | 48 | 6 | 6 | - | - | 8 | 8 | - | 15 | - |
| | Roches Point † | 22 | 03·9 | -34 | SWW | 6 | dr | 50 | 49 | 5 | 5 | - | - | 8 | 8 | - | 4 | - |

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

| 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) | 9 h. State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 07·2 | -28 | SW | 5 | id | 49 | 47 | 7 | 5 | - | - | 8 | 5 | 8 | 15 | 25 | 1 |
| Croydon | 08·2 | -16 | SW | 5 | zo | 50 | 47 | 5 | 5 | - | - | 8 | 8 | - | 7 | - | 1 |
| Boscombe Down | 08·6 | -26 | SWS | 5 | c/d | 50 | 49 | 6 | 5 | - | - | 8 | 8 | - | 7 | - | 1 |
| Thorney Island | 10·4 | -2 | SW | 5 | id | 48 | 48 | 4 | 5 | - | - | 8 | 8 | - | 7 | - | 1 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 10·8 | -18 | SWW | 4 | dF | 45 | 45 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Manston | 09·0 | -20 | SW | 4 | iro | 48 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 5 | 15 | 1 |
| North Weald | 07·1 | -22 | SSW | 4 | m | 49 | 47 | 4 | 5 | - | - | 8 | 8 | - | 9 | - | 1 |
| Felixstowe | 07·2 | -26 | SSW | 5 | m | 43 | 43 | 4 | 5 | - | - | 8 | 4 | 8 | 12 | 15 | 1 |
| Gorleston | 06·9 | -26 | SWS | 4 | c | 48 | 46 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Mildenhall | 04·7 | -36 | SW | 5 | zo | 50 | 48 | 6 | 5 | 2 | - | 5 | 5 | 3 | 30 | - | 1 |
| Bircham Newton | 03·6 | -38 | SSW | 5 | tlr | 50 | 47 | 6 | 5 | - | - | 5 | 5 | - | 11 | - | 1 |
| Cranwell | 01·4 | -32 | SSW | 6 | zo | 50 | 48 | 5 | 5 | - | - | 4 | 4 | - | 10 | - | |
| Cranfield | 05·1 | -34 | WSW | 4 | zo | 50 | 47 | 6 | 5 | - | - | 5 | 4 | 5 | 10 | 15 | 1 |
| Honiley | 02·7 | -32 | SSW | 7 | id | 49 | 48 | 5 | 5 | - | - | 8 | 5 | 8 | 6 | 8 | 1 |
| Little Rissington | 05·0 | -22 | WSW | 6 | dod | 47 | 47 | 4 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Shobden | 03·2 | -24 | SWW | 5 | iro | 50 | 48 | 6 | 5 | - | - | 8 | 3 | 4 | 7 | 15 | 1 |
| Bristol | 06·3 | -46 | SSW | 5 | zo | 52 | 49 | 5 | 5 | - | - | 8 | 4 | 8 | 18 | 25 | 1 |
| Chivenor | 07·7 | -18 | WSW | 6 | id | 49 | 49 | 6 | 5 | - | - | 8 | 4 | 8 | 7 | 8 | 1 |
| Yeovilton | 07·5 | -26 | SE | 4 | dod | 51 | 50 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 |
| Portland Bill | 11·3 | -18 | S | 5 | o | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 45 | - | 1 |
| Exeter | 08·9 | -28 | WSW | 4 | z | 52 | 48 | 5 | 5 | - | - | 8 | 4 | 8 | 10 | 40 | 1 |
| Plymouth | 08·9 | -24 | SW | 6 | ror | 49 | 49 | 5 | 5 | - | - | 8 | 8 | - | 5 | - | 1 |
| St. Eval | 09·3 | -6 | WSW | 6 | ror | 49 | 49 | 6 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| The Lizard | 08·3 | -40 | SW | 7 | rr | 49 | 49 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Scilly, St. Marys | 09·3 | 0 | WW | 5 | c/r | 50 | 50 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| Fairwood | 06·0 | -10 | SW | 6 | iro | 48 | 48 | 6 | 5 | - | - | 8 | 3 | 8 | 6 | 15 | 1 |
| Pembroke | 03·9 | -4 | SWW | 7 | zo | 47 | 47 | 6 | 6 | - | - | 6 | 6 | - | 18 | - | 1 |
| Aberporth | 03·5 | -16 | WSW | 6 | c | 49 | 47 | 7 | 5 | - | - | 6 | 5 | - | 20 | - | 1 |
| Penrhos | 01·7 | -10 | SW | 5 | c/r | 48 | 47 | 6 | 5 | 7 | - | 7 | 4 | 5 | 8 | 15 | 1 |
| Holyhead, Valley | 99·7 | -6 | SW | 6 | zo | 47 | 45 | 6 | 5 | 7 | - | 8 | 3 | 8 | 10 | - | |
| Hawarden | 00·6 | -14 | W | 4 | ror | 53 | 49 | 6 | 5 | 2 | - | 8 | 6 | 8 | 12 | 25 | 1 |
| Manchester | 00·0 | -32 | SWS | 5 | rr | 50 | 48 | 5 | 6 | 2 | - | 8 | 5 | 8 | 12 | 15 | 1 |
| Squires Gate | 98·7 | -20 | WSW | 5 | c/r | 45 | 44 | 6 | 5 | - | - | 7 | 4 | 7 | 8 | 15 | 1 |
| Silloth | 94·5 | -16 | SSW | 6 | zo | 46 | 45 | 6 | 6 | 2 | - | 8 | 4 | 8 | 9 | 40 | 2 |
| Ashbourne | 01·2 | -26 | SSW | 4 | dod | 49 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 |
| Snaith | 98·8 | -34 | SW | 3 | ir | 52 | 48 | 5 | 5 | - | - | 5 | 5 | - | 18 | - | 1 |
| Spurn Head | 00·4 | -46 | SSW | 5 | zo | 49 | 46 | 6 | 5 | 4 | - | 5 | 4 | 2 | 15 | 72 | 1 |
| Leeming | 97·0 | -24 | SW | 5 | ror | 51 | 47 | 5 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Tynemouth | 95·7 | -16 | WSW | 5 | c | 50 | 43 | 7 | 8 | - | - | 7 | 7 | - | 15 | - | 1 |
| Acklington | 93·4 | -16 | SW | 4 | c·bc/r | 49 | 45 | 6 | 5 | 1 | - | 5 | 3 | 4 | 15 | 25 | 1 |
| St. Abb's Head | 88·9 | -66 | SW | 4 | c·bc | 47 | 43 | 7 | 2 | 3 | - | 5 | 3 | 4 | 20 | - | 4 |
| Leuchars | 89·6 | -22 | SW | 4 | c/d | 47 | 44 | 6 | 5 | 1 | - | 8 | 4 | 8 | 15 | - | 1 |
| Montrose | 89·4 | -34 | SW | 3 | bc/r | 49 | 43 | 6 | 5 | 7 | - | 4 | 4 | 3 | 40 | - | 1 |
| Abbotsinch | 90·5 | -26 | SW | 4 | zo | 49 | 46 | 6 | 5 | - | - | 4 | 4 | - | 25 | - | 2 |
| Prestwick | 91·5 | -28 | SW | 5 | zo | 50 | 43 | 6 | 5 | - | - | 6 | 4 | 5 | 18 | 25 | 1 |
| West Freugh | 93·1 | -22 | SWW | 4 | zo | 48 | 42 | 6 | 5 | - | - | 8 | 3 | 4 | 25 | - | 1 |
| Eskdalemuir | 92·1 | -12 | WSW | 5 | zo | 43 | 42 | 6 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| Jurby, I. of Man | 96·4 | -16 | SW | 7 | c·bc | 48 | 44 | 7 | 5 | 7 | - | 5 | 3 | 4 | 20 | 57 | 1 |
| Machrihanish | 90·3 | -18 | SW | 6 | b·bc | 49 | 40 | 7 | 8 | - | - | 3 | 1 | 3 | 15 | 25 | 1 |
| Tiree | 84·7 | -36 | SWW | 6 | zo | 41 | 43 | 6 | 5 | - | - | 5 | 5 | - | 30 | - | 2 |
| Oban | 98·7 | -30 | SW | 5 | pro | 48 | 43 | 6 | 8 | - | - | 8 | 4 | 8 | 10 | 15 | 1 |
| Stornoway | 79·0 | -40 | SSW | 7 | pro | 46 | 43 | 7 | 8 | - | - | 6 | 3 | 6 | 12 | 25 | 2 |
| Cape Wrath | 76·8 | -34 | SW | 6 | pc | 46 | 42 | 8 | 5 | 2 | - | 8 | 5 | - | 15 | - | 1 |
| Dalwhinnie | 86·0 | -36 | SW | 3 | c·bc | 41 | 39 | 6 | 7 | - | - | 5 | 5 | - | 25 | - | 4 |
| Aberdeen | 88·0 | -30 | SSW | 3 | c | 45 | 38 | 8 | 5 | - | - | 7 | 7 | - | 40 | - | 4 |
| Fraserburgh | 86·8 | -32 | S | 4 | c | 41 | 40 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Alness | 84·2 | -26 | WSW | 5 | b | 43 | 40 | 7 | - | 7 | 8 | 2 | 1 | 2 | - | - | 1 |
| Wick | 83·1 | -26 | SW | 4 | c | 44 | 42 | 7 | 5 | 7 | - | 8 | 4 | 7 | 52 | - | 1 |
| Hatston | 82·3 | -30 | SW | 4 | zo | 43 | 41 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 15 | 1 |
| Sumburgh | 87·2 | -40 | SSW | 5 | iro | 44 | 43 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Sullom Voe | 87·8 | -44 | SE | 4 | RR | 42 | 41 | 7 | 6 | 2 | - | 8 | 5 | 8 | 8 | - | 1 |
| Blacksod Point † | 94·7 | -24 | W | 7 | bc/pr | 48 | 40 | 7 | 8 | - | - | 4 | 4 | - | 8 | - | 2 |
| Malin Head † | 86·0 | -44 | SW | 7 | ir | 47 | 41 | 8 | - | 2 | - | 8 | 8 | - | 8 | - | 2 |
| Aldergrove | 92·6 | -18 | SSW | 4 | zo | 46 | 40 | 6 | 8 | - | - | 3 | 1 | 3 | 10 | 25 | 1 |
| Cas. Archdale | 92·8 | -24 | SSW | 5 | iro | 47 | 40 | 8 | 5 | - | - | 6 | 6 | - | 20 | - | 1 |
| Birr Castle … † | 96·3 | +6 | W | 5 | c | 46 | 44 | 7 | 8 | 2 | - | 8 | 5 | - | 15 | - | 1 |
| Collinstown † | 97·0 | -10 | SWW | 6 | bc | 43 | 42 | 8 | 8 | - | - | 4 | 4 | - | 32 | - | 1 |
| Foynes † | 01·1 | +2 | WSW | 4 | c·bc | 49 | 42 | 8 | 8 | - | - | 5 | 5 | - | 25 | - | 1 |
| Valentia † | 04·4 | +18 | WSW | 6 | c·bc | 43 | 42 | 8 | 3 | - | - | 5 | 5 | - | 22 | - | 1 |
| Roches Point † | 03·8 | +4 | W | 5 | b | 43 | 48 | 8 | 5 | - | 3 | 2 | 2 | - | 15 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | omoc | ccido | 48 | 48 | 0·1 |
| Croydon | cmo | cm. | 47 | 43 | T |
| Boscombe Down | cd.domo | cdodomc | 47 | 47 | 0·5 |
| Thorney Island | oidocm | omc/o/m | 47 | 46 | 1 |
| Friston | | | | | |
| Lympne | oF | oFFdodo | 44 | 44 | 2 |
| Manston | ododocbc | ciro m. | 46 | 46 | 0·1 |
| North Weald | ciro ffcm | cm | 47 | 47 | 0·1 |
| Felixstowe | cmo | cidocm. | 41 | 41 | 0·5 |
| Gorleston | ododocZo | Zoc | 42 | 40 | 3 |
| Mildenhall | cmo | cidomo cm, | 47 | 46 | 0·6 |
| Bircham Newton | cdodo cmo | cido m. | 45 | 45 | 0·2 |
| Cranwell | dodomo | cmobcmo | 47 | 41 | 0·4 |
| Cranfield | cmo | cdodocm. | 49 | 46 | 0·2 |
| Honiley | cmo | cido m. | 47 | 46 | 2 |
| Little Rissington | oFodoF | omdodod | 46 | 46 | 3 |
| Shobden | cdidomo | cdodoror m | 49 | 44 | 1 |
| Bristol | ododom. | cdomo cm. | 49 | 47 | 4 |
| Chivenor | cmoidomo | cidoror m | 48 | 41 | 2 |
| Yeovilton | ccidc | drrcod. | 49 | ulc | T |
| Portland Bill | c | rro | 45 | | 3 |
| Exeter | cmorocmo | crorom cm | 56 | 18 | T |
| Plymouth | cmocido | cmoidm. | 47 | 47 | 2 |
| St. Eval | cmoododo | omoorrm | 47 | 46 | 3 |
| The Lizard | do | lbrrm | 47 | * | 2 |
| Scilly, St. Marys | croc | fofdirc | 48 | * | 1 |
| Fairwood | cfofF | offr.r. | 45 | 43 | T |
| Pembroke | oirof | oirforgg | 47 | * | 0·4 |
| Aberporth | * | cbcc | 46 | 44 | 0·6 |
| Penrhos | oFom | od,domom | 48 | 44 | 4 |
| Holyhead, Valley | | orrofm | 44 | 44 | 1 |
| Hawarden | ccirom | ccmorr | 56 | 44 | 0·3 |
| Manchester | omocmo | cm,rorom | 48 | 43 | 2 |
| Squires Gate | | crorm. | 43 | 40 | 1 |
| Silloth | ododofom | cm, ror cm. | 45 | 40 | 5 |
| Ashbourne | oidoff | cidom.cd | 48 | 45 | 1 |
| Snaith | ededmo | orrom | 48 | 46 | 0·1 |
| Spurn Head | ociro | cm. | 42 | * | 1 |
| Leeming | cmmmo | cirororm | | | |
| Tynemouth | oirmo | c | 44 | 42 | 2 |
| Acklington | cirododom | cmbcm.ir | 40 | 39 | 0·1 |
| St. Abb's Head | odomoc | cirirbc | 35 | * | 0·3 |
| Leuchars | ciro mocdf | cdirrc | 39 | 38 | 2 |
| Montrose | crorodomo | cdodorom | 38 | 36 | 2 |
| Abbotsinch | rrmo | rrcm. | 41 | uls | 11 |
| Prestwick | pmororo | omoror | 46 | 44 | 5 |
| West Freugh | cmodoomo | cm. | 47 | 45 | 1 |
| Eskdalemuir | ororom. | orr.RRc | 41 | 36 | 12 |
| Jurby, I. of Man | cmoc | dorom.c | 43 | 41 | 1 |
| Machrihanish | irrZcrr | | 46 | 44 | 2 |
| Tiree | ododomorr | cmocbcm | 45 | uls | 1 |
| Oban | crrmo | cprm.cbc | 44 | * | * |
| Stornoway | crrroromo | crorompr | 45 | 43 | 6 |
| Cape Wrath | cRR | c | 42 | * | 3 |
| Dalwhinnie | * | orc | 37 | 32 | 15 |
| Aberdeen | roro cm. | c | 40 | 37 | 0·5 |
| Fraserburgh | cirorom | cm.cr.r.c | 40 | | 3 |
| Alness | croiromo | crorom.b | 36 | 33 | 3 |
| Wick | cf rromo | ciromc | 39 | 38 | 1 |
| Hatston | cror | rrprm. | 39 | * | 15 |
| Sumburgh | pccrr | crrm. | 41 | 39 | 17 |
| Sullom Voe | bccrrror | ccrR | 40 | 40 | 21 |
| Blacksod Point † | c | pr | 46 | * | 3 |
| Malin Head † | | r | 45 | * | 2 |
| Aldergrove | cido doiro | irm.cm. | 44 | 41 | 0·5 |
| Cas. Archdale | cdodocmo | cbcc | 42 | 40 | 5 |
| Birr Castle … † | * | pr | 48 | 46 | 1 |
| Collinstown † | bc | b | 48 | 47 | 1 |
| Foynes † | d | c | 48 | 45 | 1 |
| Valentia † | r | c | 47 | 32 | 1 |
| Roches Point † | r | b | 47 | * | 3 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

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

Thursday 8th February 1945

No. 30324

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

| 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 | 08·0 | +14 | W | 5 | b-bc | 51 | 41 | 7 | 8 | - | - | 3 | 3 | 2 | 12 | 40 |
| | Croydon | 08·6 | +14 | W | 5 | $z_0$ | 53 | 42 | 6 | 2 | 3 | - | 5 | 4 | 3 | 15 | - |
| | Boscombe Down | 10·8 | +26 | W'N | 4 | c-bc | 51 | 42 | 7 | 2 | 7 | - | 5 | 4 | 3 | 12 | - |
| | Thorney Island | 10·7 | +24 | SW'W | 4 | $z_0$ | 51 | 48 | 6 | 2 | - | - | 3 | 3 | 2 | 25 | 25 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 09·4 | +2 | WSW | 6 | r/v | 48 | 48 | 7 | 5 | 7 | - | 7 | 4 | 3 | 5 | 25 |
| | Manston | 08·2 | -2 | SW | 4 | c-bc/d | 51 | 49 | 7 | 5 | 7 | - | 5 | 2 | 5 | 5 | - |
| 2 | North Weald | 07·6 | +18 | WSW | 5 | $z_0$ | 52 | 40 | 6 | 2 | 3 | - | 7 | 6 | 1 | 15 | - |
| | Felixstowe | 05·9 | +2 | SW'W | 4 | $z_0$ | 50 | 47 | 5 | 5 | - | - | 6 | 5 | 6 | 25 | 40 |
| | Gorleston | 05·4 | +4 | WSW | 4 | cq | 53 | 50 | 7 | 8 | - | - | 6 | 6 | - | 18 | - |
| | Mildenhall | 05·0 | +12 | W | 6 | c | 54 | 48 | 8 | 2 | - | - | 7 | 7 | - | 20 | - |
| | Bircham Newton | 03·2 | +8 | WSW | 6 | c | 52 | 43 | 7 | 8 | - | - | 6 | 5 | 5 | 20 | 25 |
| | Cranwell | 03·1 | +10 | WSW | 6 | $z_0$ | 51 | 43 | 6 | 8 | - | - | 6 | 4 | 4 | 12 | 25 |
| 3 | Cranfield | 05·9 | +12 | W | 5 | c | 51 | 45 | 7 | 2 | - | - | 6 | 9 | - | 20 | - |
| | Honiley | 05·8 | +26 | W | 5 | c | 49 | 40 | 7 | 5 | - | - | 7 | 4 | 7 | 18 | 40 |
| 4 | Little Rissington | 07·2 | +24 | W | 6 | c | 50 | 50 | 8 | 8 | - | - | 7 | 4 | 6 | 18 | 40 |
| | Shobden | 07·0 | +26 | W | 6 | c-bc | 50 | 40 | 8 | 5 | - | - | 5 | 4 | 5 | 20 | 40 |
| 5 | Bristol | 09·8 | +22 | WSW | 6 | $z_0$ | 50 | 44 | 6 | 5 | - | - | 4 | 1 | 4 | 6 | 15 |
| | Chivenor | 11·5 | +24 | W | 5 | $z_0$ | 50 | [illegible] | 6 | [illegible] | - | - | 1 | 1 | - | 12 | - |
| | Yeovilton | 10·3 | +22 | W | 5 | b-bc | 53 | 49 | 7 | 1 | - | - | 2 | 2 | 3 | 15 | 25 |
| | Portland Bill | 12·2 | +18 | W | 5 | c-bc | 47 | 45 | 7 | 2 | - | - | 5 | 5 | - | 50 | - |
| | Exeter | 11·4 | +16 | WNW | 6 | bc | 52 | 41 | 8 | 1 | - | - | 4 | 4 | - | 25 | - |
| | Plymouth | 14·0 | +26 | NW | 5 | b-bc | 52 | 44 | 6 | 1 | - | - | 3 | 3 | - | 20 | - |
| | St. Eval | 14·3 | +28 | W'S | 5 | $z_0$ | 49 | 45 | 6 | 1 | - | - | 1 | 1 | - | 25 | - |
| | The Lizard | 14·7 | +22 | WNW | 6 | $z_0$ | 49 | 47 | 6 | 7 | - | - | 3 | 3 | - | 25 | - |
| | Scilly, St. Marys | 15·0 | +22 | W'N | 5 | b | 51 | 46 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| 6 | Fairwood | 10·1 | +22 | W | 7 | $z_0$ | 49 | 44 | 6 | 8 | - | - | 3 | 1 | 2 | 15 | 25 |
| | Pembroke | 09·4 | +36 | WSW | 8 | $z_0$ | 48 | 43 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Aberporth | 08·5 | +32 | W'S | 5 | b-bc | 48 | 42 | 7 | 5 | - | - | 3 | 1 | 3 | 30 | 40 |
| 7 | Penrhos | 05·5 | +30 | WSW | 5 | bc | 50 | 43 | 8 | 8 | 3 | - | 4 | 1 | 3 | 20 | 25 |
| | Holyhead, Valley | 05·4 | +42 | W'S | 5 | b | 50 | 49 | 7 | 5 | - | - | 2 | 2 | - | 25 | - |
| | Hawarden | 03·9 | +30 | W'N | 4 | c-bc | 51 | 44 | 8 | 8 | - | - | 5 | 5 | - | 20 | - |
| 8 | Manchester | 03·8 | +26 | W'S | 6 | c | 49 | 39 | 8 | 5 | - | - | 7 | 4 | 7 | 16 | 25 |
| | Squires Gate | 02·5 | +36 | W | 6 | $z_0$ | 48 | 41 | 6 | 5 | 4 | - | 3 | 3 | 1 | 40 | - |
| | Silloth | 98·4 | +42 | SW | 4 | c/pr | 44 | 40 | 6 | 8 | - | - | 7 | 4 | 7 | 12 | 25 |
| 9 | Ashbourne | 04·3 | +26 | WSW | 4 | c | 48 | 41 | 7 | 5 | - | - | 7 | 4 | 7 | 6 | 15 |
| | Snaith | 01·1 | +12 | | | $z_0$ | 50 | 41 | 6 | 2 | 6 | - | | 4 | 2 | 25 | - |
| 10 | Spurn Head | 01·6 | +14 | SW | 5 | $z_0$ | 49 | 41 | 6 | 5 | - | - | 6 | 6 | - | 15 | - |
| | Leeming | 98·0 | +14 | W | 7 | b-bc | 50 | 40 | 7 | 3 | - | 3 | 3 | 3 | 1 | 20 | - |
| | Tynemouth | 94·7 | 0 | SW | 3 | $z_0$ | 51 | 41 | 6 | 2 | - | - | 4 | 4 | - | 24 | - |
| | Acklington | 92·2 | +2 | WSW | 7 | b-bc | 49 | 41 | 8 | 1 | 4 | - | 3 | 3 | 1 | 20 | - |
| 11 | St. Abb's Head | 89·2 | -2 | W | 6 | b-bc q | 46 | 47 | 8 | 1 | - | - | 3 | 3 | - | 25 | - |
| | Leuchars | 88·4 | +10 | W | 6 | b-bc | 50 | 38 | 9 | 1 | 6 | 8 | 3 | 2 | 1 | 25 | - |
| | Montrose | 87·9 | +10 | SW | 5 | bc | 46 | 40 | 8 | 5 | 6 | - | 4 | 2 | 4 | 20 | - |
| 12 | Abbotsinch | 94·3 | +58 | W | 5 | $pr_0$ | 46 | 44 | 6 | 8 | 7 | - | 6 | 4 | 3 | 4 | 15 |
| | Prestwick | 97·4 | +76 | W | 6 | $pr_0$ | 46 | 40 | 6 | 9 | - | - | 7 | 3 | 4 | 6 | 15 |
| | West Freugh | 97·6 | +50 | W | 6 | c-bc | 48 | 40 | 8 | 8 | 6 | 3 | 5 | 4 | 5 | 12 | 25 |
| | Eskdalemuir | 93·6 | +20 | W'N | 6 | c-bc | 43 | 41 | 7 | 5 | 7 | - | 5 | 4 | 5 | 9 | - |
| | Jurby, I. of Man | 00·2 | +44 | WSW | 7 | bc | 48 | 40 | 8 | 7 | 7 | - | 4 | 3 | 4 | 25 | - |
| 13A | Machrihanish | 96·2 | +62 | W | 7 | cq | 47 | 38 | 7 | 8 | 7 | - | 6 | 3 | 4 | 20 | 40 |
| | Tiree | 92·8 | +86 | W | 7 | c-bc | 46 | 39 | 8 | 8 | - | - | 5 | 3 | 5 | 20 | 40 |
| | Oban | 93·3 | +68 | WSW | 6 | c-bc/pr | 46 | 43 | 7 | 8 | 6 | - | 5 | 4 | 5 | 20 | 25 |
| 13B | Stornoway | 82·5 | +50 | W | 8 | $r_0r_0$ | 45 | 41 | 7 | 6 | 1 | - | 8 | 4 | 8 | 15 | - |
| | Cape Wrath | 76·3 | +6 | SSW | 7 | iR | 43 | 43 | 7 | 5 | 2 | - | 8 | 5 | - | 8 | - |
| 15 | Dalwhinnie | 87·0 | +16 | WSW | 7 | ir | 40 | 35 | 6 | 5 | - | - | 8 | 8 | - | 19 | - |
| | Aberdeen | 85·6 | -2 | SW'W | 4 | bc | 45 | 40 | 7 | 5 | 3 | - | 4 | 1 | 4 | 40 | - |
| | Fraserburgh | 84·4 | -10 | SSW | 4 | c-bc | 43 | 40 | 7 | 5 | 7 | - | 5 | 3 | 4 | 30 | - |
| | Alness | 84·7 | +28 | WNW | 6 | $pr_0$ | 46 | 38 | 8 | 8 | 6 | - | 6 | 3 | 3 | 20 | 40 |
| | Wick | 81·4 | -2 | SW'S | 4 | c-bc/[illegible] | 44 | 41 | 7 | 5 | 9 | - | 5 | 2 | 4 | 10 | 25 |
| 16 | Hatston | 79·9 | -8 | SSW | 6 | $id_0$ | 45 | 40 | 7 | 5 | 7 | - | 7 | 5 | 7 | 15 | - |
| | Sumburgh | 79·6 | -14 | SSW | 5 | c | 45 | 41 | 7 | 5 | 3 | - | 6 | 4 | 5 | 40 | 5 |
| | Sullom Voe | 79·2 | -16 | S'E | 5 | c/pr | 45 | 41 | 8 | 2 | 6 | 4 | 6 | 4 | 3 | 18 | - |
| 17 | Blacksod Point† | 04·7 | +44 | W'N | 6 | bc | 47 | 41 | 7 | 9 | - | - | 4 | 4 | - | 8 | - |
| 18 | Malin Head † | 96·8 | +58 | W | 7 | $pr_0$ | 45 | 41 | 8 | 9 | - | - | 5 | 3 | - | 15 | - |
| | Aldergrove | 00·2 | +90 | WSW | 6 | ph/ | 44 | 35 | 7 | 8 | - | - | 8 | 4 | 5 | 10 | 15 |
| | Cas. Archdale | 02·7 | +50 | WNW | 7 | $pr_0$ | 41 | 37 | 7 | 9 | 6 | 3 | 7 | 4 | 6 | 15 | 40 |
| 19 | Birr Castle ... † | 07·9 | +34 | NW | 3 | bc | 47 | 40 | 8 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Collinstown † | 04·3 | +42 | W'S | 6 | $pr_0$ | 47 | 41 | 8 | 8 | - | - | 6 | 5 | - | 20 | - |
| 20 | Foynes ... † | 09·5 | +46 | W | 5 | bc | 48 | 38 | 8 | 8 | - | - | 4 | 4 | - | 25 | - |
| | Valentia ... † | 12·8 | +38 | W'S | 5 | b-bc | 49 | 39 | 8 | 3 | 6 | - | 3 | 3 | - | 26 | - |
| | Roches Point † | 10·7 | +30 | W'N | 5 | bc | 48 | 41 | 8 | 3 | 4 | - | 4 | 3 | - | 15 | - |

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

| 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) | 21 h State of Ground ‡ 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 12·5 | +24 | WSW | 4 | z | 48 | 40 | 6 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Croydon | 12·7 | +22 | W'S | 4 | $z_0$ | 47 | 40 | 5 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Boscombe Down | 14·1 | +24 | W'S | 4 | b | 44 | 40 | 7 | 2 | - | - | 1 | 1 | 1 | 18 | 25 | 1 |
| Thorney Island | 12·6 | +18 | W'S | 3 | z | 48 | 41 | 6 | 4 | - | - | 1 | 1 | - | 25 | - | 1 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 12·5 | +26 | W'S | 2 | b | 44 | 41 | 8 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Manston | 12·1 | +36 | WSW | 4 | b | 43 | 39 | 7 | 4 | - | - | 2 | 2 | - | 40 | - | 1 |
| North Weald | 12·1 | +30 | WSW | 5 | z | 47 | 40 | 6 | 4 | - | - | 4 | 4 | - | 30 | - | 1 |
| Felixstowe | 10·4 | +30 | WSW | 4 | z | 47 | 40 | 6 | 5 | - | - | 2 | 2 | - | 30 | - | 0 |
| Gorleston | 07·5 | +22 | W | 3 | b·bc | 49 | 45 | 7 | 5 | 3 | - | 3 | 3 | - | 20 | - | 1 |
| Mildenhall | 09·7 | +34 | WSW | 4 | b | 46 | 39 | 8 | 4 | 6 | - | 2 | 1 | 2 | 20 | 40 | 1 |
| Bircham Newton | 08·3 | +36 | WSW | 6 | bc | 46 | 41 | 7 | 8 | - | - | 4 | 4 | - | 30 | - | 1 |
| Cranwell | 08·7 | +38 | W | 5 | $z_0$ | 46 | 38 | 6 | 8 | - | - | 4 | 3 | 4 | 20 | 40 | 1 |
| Cranfield | 10·8 | +24 | W'N | 3 | bc | 47 | 35 | 7 | 2 | - | 2 | 4 | 3 | 2 | 35 | - | 1 |
| Honiley | 09·7 | +10 | W | 5 | b | 45 | 36 | 8 | 4 | - | - | 2 | 2 | - | 30 | - | 1 |
| Little Rissington | 11·3 | +28 | W | 4 | bbc/pr | 42 | 37 | 7 | 2 | - | - | 3 | 3 | - | 20 | - | 1 |
| Shobden | 13·0 | +30 | WSW | 4 | b·bc | 44 | 35 | 8 | 8 | 7 | - | 3 | 1 | 3 | 20 | 40 | 1 |
| Bristol | 14·1 | +24 | WSW | 6 | $z_0$ | 44 | 41 | 6 | 2 | - | - | 3 | 2 | 2 | 15 | 25 | 1 |
| Chivenor | 15·1 | +16 | W'S | 5 | b | 45 | 42 | 8 | · | 4 | 1 | 2 | 1 | 1 | - | - | 1 |
| Yeovilton | 14·8 | +28 | W'S | 3 | b | 47 | 42 | 7 | 2 | - | 5 | 2 | 1 | 1 | 25 | - | 0 |
| Portland Bill | 16·6 | +24 | W | 5 | bc | 47 | 45 | 8 | 5 | - | - | 4 | 4 | - | 50 | - | 1 |
| Exeter | 15·9 | +18 | WSW | 5 | b·bc | 47 | 40 | 8 | 4 | - | - | 3 | 3 | - | 35 | - | 1 |
| Plymouth | 16·9 | +16 | W'N | 4 | z | 45 | 45 | 6 | 2 | - | - | 3 | 3 | - | 25 | - | 1 |
| St. Eval | 17·6 | +20 | W | 4 | z | 46 | 43 | 6 | - | - | 4 | 2 | 2 | - | - | - | 1 |
| The Lizard | 17·2 | +18 | W'N | 5 | bc | 47 | 44 | 7 | 5 | - | - | 4 | 4 | - | 20 | - | 0 |
| Scilly, St. Marys | 17·5 | +18 | W'N | 4 | b·bc | 48 | 46 | 7 | 8 | 4 | - | 3 | 2 | 1 | 18 | 57 | 1 |
| Fairwood | 14·5 | +26 | W | 4 | z | 44 | 41 | 6 | - | - | 1 | 1 | 1 | - | - | - | 0 |
| Pembroke | 15·8 | +44 | W'S | 4 | b·bc | 46 | 42 | 8 | 5 | - | - | 3 | 3 | - | 25 | - | 1 |
| Aberporth | 13·8 | +26 | W'S | 4 | bc | 44 | 37 | 7 | 1 | - | 5 | 4 | 3 | 2 | 25 | - | 1 |
| Penrhos | 11·5 | +26 | WSW | 4 | bc | 45 | 37 | 8 | 4 | - | - | 4 | 4 | - | 30 | - | 0 |
| Holyhead, Valley | 11·2 | +26 | W'S | 5 | bc | 45 | 39 | 7 | 2 | 6 | - | 4 | 4 | 2 | 20 | - | 1 |
| Hawarden | 09·4 | +30 | W | 4 | b·bc | 46 | 37 | 7 | 8 | - | - | 3 | 3 | - | 20 | - | 1 |
| Manchester | 08·2 | +12 | W | 5 | b | 43 | 36 | 7 | - | 4 | - | 2 | 2 | · | 80 | - | 1 |
| Squires Gate | 07·6 | +26 | W | 7 | b | 43 | 38 | 7 | - | 7 | - | 2 | 2 | 2 | - | - | 0 |
| Silloth | 03·6 | +26 | W'S | 8 | b·bc/pr | 42 | 35 | 7 | 6 | - | - | 3 | 3 | - | 10 | - | 1 |
| Ashbourne | 08·3 | +26 | WSW | 8 | b·bc/pr | 42 | 37 | 6 | 2 | 6 | - | 3 | 3 | 2 | 13 | - | 1 |
| Snaith | 07·0 | +28 | WSW | 7 | $z_0$ | 45 | 37 | 6 | 8 | - | - | 4 | 3 | 4 | 25 | 40 | 1 |
| Spurn Head | 06·4 | +36 | W'S | 6 | $z_0$ | 45 | 36 | 6 | 2 | 3 | - | 5 | 4 | 3 | 15 | 72 | 0 |
| Leeming | 04·5 | +38 | W'S | 5 | b/pr | 44 | 42 | 7 | 2 | - | - | 2 | 2 | - | 20 | - | 1 |
| Tynemouth | 02·7 | +24 | W | 6 | $z_0$ | 44 | 33 | 6 | 1 | - | - | 3 | 3 | - | 8 | - | 1 |
| Acklington | 00·7 | +42 | WSW | 5 | bc/pr | 42 | 33 | 7 | 8 | 4 | - | 4 | 4 | 1 | 15 | - | 1 |
| St. Abb's Head | 96·7 | +34 | W | 5 | b | 42 | 32 | 8 | 4 | - | - | 2 | 2 | - | 25 | - | 0 |
| Leuchars | 96·4 | +40 | SW | 4 | b·bc | 42 | 34 | 8 | 3 | - | 3 | 3 | 3 | 1 | 25 | - | 1 |
| Montrose | 95·4 | +40 | SW | 4 | b·bc | 41 | 34 | 7 | 4 | 6 | - | 3 | 2 | 2 | 10 | - | 1 |
| Abbotsinch | 00·3 | +32 | W | 5 | bc/pr | 41 | 39 | 7 | 8 | - | - | 4 | 4 | 1 | 20 | - | 2 |
| Prestwick | 01·8 | +26 | W | 6 | b·bc/pr | 43 | 35 | 7 | 2 | - | - | 3 | 2 | 3 | 12 | 25 | 1 |
| West Freugh | 04·2 | +26 | WNW | 6 | bc | 43 | 38 | 8 | 8 | - | - | 4 | 3 | 4 | 20 | 40 | 1 |
| Eskdalemuir | 01·0 | +26 | W | 7 | bc | 37 | 31 | 7 | 5 | - | - | 4 | 4 | - | 24 | - | 1 |
| Jurby, I. of Man | 06·1 | +26 | W'S | 6 | bcjp | 44 | 36 | 8 | 3 | 6 | 3 | 4 | 3 | 3 | 30 | - | 1 |
| Machrihanish | 02·1 | +22 | W'N | 7 | bcq | 45 | 37 | 7 | 8 | 7 | - | 4 | 3 | 4 | 18 | 25 | 0 |
| Tiree | 99·8 | +38 | W'N | 6 | bc/pr | 43 | 35 | 7 | 8 | 6 | - | 4 | 3 | 3 | 30 | 40 | 2 |
| Oban | 99·8 | +30 | WSW | 6 | c·bc | 44 | 35 | 7 | 3 | 6 | 3 | 5 | 4 | 2 | 25 | - | 1 |
| Stornoway | 90·1 | +34 | W | 8 | $pr_0$ | 43 | 40 | 5 | 8 | - | - | 8 | 5 | 8 | 6 | 15 | 1 |
| Cape Wrath | 83·5 | +22 | W | 7 | $iR_0$ | 41 | 41 | 7 | 5 | 2 | - | 8 | 5 | - | 8 | - | 2 |
| Dalwhinnie | 95·0 | +20 | W | 6 | RS | 38 | 29 | 6 | 5 | - | - | 6 | 6 | - | 19 | - | 4 |
| Aberdeen | 93·9 | +30 | WSW | 3 | c·bc | 42 | 31 | 8 | 5 | 4 | 3 | 5 | 3 | 4 | 40 | - | 4 |
| Fraserburgh | 91·2 | +28 | W'S | 5 | c | 41 | 33 | 7 | 5 | 7 | - | 6 | 1 | 6 | 25 | - | 0 |
| Alness | 90·2 | +26 | WNW | 9 | c·bc/pr | 42 | 36 | 8 | 2 | 6 | 3 | 5 | 4 | 5 | 20 | - | 1 |
| Wick | 85·8 | +8 | W | 7 | c·bc | 42 | 33 | 7 | 5 | 7 | - | 5 | 4 | 4 | 20 | - | 1 |
| Hatston | 81·7 | +4 | SW'W | 9 | $ir_0$ | 43 | 39 | 6 | 8 | - | - | 7 | 4 | 4 | 8 | 15 | 1 |
| Sumburgh | 79·8 | +12 | WSW | 8 | o | 44 | 41 | 6 | 5 | - | - | 8 | 7 | 8 | 10 | 8 | 1 |
| Sullom Voe | 78·0 | +4 | SSW | 6 | $r_0r_0$ | 43 | 42 | 7 | 5 | 2 | - | 8 | 5 | 8 | 8 | - | 1 |
| Blacksod Point† | 08·6 | +14 | W'N | 4 | c·bc | 45 | 33 | 7 | 5 | - | 6 | 5 | 4 | - | 15 | - | 2 |
| Malin Head † | 02·9 | +32 | WNW | 7 | $pr_0$ | 43 | 41 | 8 | 7 | - | - | 4 | 4 | - | 15 | - | 2 |
| Aldergrove | 06·4 | +34 | SW'W | 4 | b·bc | 41 | 36 | 7 | 2 | 4 | - | 3 | 3 | 1 | 20 | - | 1 |
| Cas. Archdale | 07·6 | +20 | WNW | 6 | c·bcjp | 43 | 36 | 8 | 9 | 6 | 3 | 5 | 3 | 4 | 18 | 25 | 1 |
| Birr Castle ... † | 10·4 | +22 | W | 2 | $pr_0$ | 44 | 37 | 7 | 8 | - | - | 5 | 5 | - | 15 | - | 1 |
| Collinstown † | 10·4 | +34 | WSW | 4 | b·bc | 43 | 36 | 8 | 8 | 6 | 1 | 3 | 3 | - | 24 | - | 1 |
| Foynes ... † | 12·8 | +24 | W'S | 2 | c | 44 | 37 | 8 | 4 | - | 7 | 8 | 1 | - | 38 | - | 1 |
| Valentia ... † | 13·7 | +6 | SW'W | 4 | c | 47 | 40 | 8 | 5 | - | - | 7 | 7 | - | 35 | - | 1 |
| Roches Point † | 13·7 | +20 | WNW | 3 | bc | 46 | 39 | 8 | 3 | 3 | - | 4 | 3 | - | 15 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather 06h.-12h. (34) | Weather 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | $cid_0r_0$,bc | $bcbz_0$ | 53 | 3·6 | T |
| Croydon | $cm_0d_0r_0$ | $cm_0bcz_0bz_0$ | 54 | 3·7 | 0·2 |
| Boscombe Down | $cd_0d_0cid_0m_0c$ | cbcb | 51 | 4·9 | 0·1 |
| Thorney Island | $cirmbcm_0$ | $bcpr_0bz_0$ | 54 | * | 1 |
| Friston | | | | | |
| Lympne | dd $Fir_0c$ | cb cb | 54 | 3·0 | 2 |
| Manston | $cr_0d_0$ $d_0m_0$ | cbcb | 55 | 3·0 | 0·2 |
| North Weald | $cid_0cz_0$ | $cz_0cpr$ bcm. | 52 | * | – |
| Felixstowe | $cid_0$ $cim_0$ | $cbz_0$ | 54 | 2·1 | 0·1 |
| Gorleston | $or_0cq$ | bcq | 54 | 2·4 | 0·3 |
| Mildenhall | $cir_0m_0c$ | cb | 54 | 2·0 | T |
| Bircham Newton | $cir_0$ | cbc cbc | 53 | 1·2 | – |
| Cranwell | $bcm_0cd_0bcm_0$ | $cbcpr_0$ | 53 | 4·3 | T |
| Cranfield | $cm_0c$ | bcbbc | 52 | * | – |
| Honiley | bcc | cbc | 50 | 1·7 | T |
| Little Rissington | cbcbc | $cpr_0bc$ | 50 | * | T |
| Shobden | $cir_0mbc$ | cbcc $pr_0$ | 51 | * | 0·1 |
| Bristol | $bcm_0$ | $bcm_0$ | 51 | 6·3 | T |
| Chivenor | $cm_0bcm_0$ | $bm_0b$ | 51 | 6·5 | – |
| Yeovilton | ccbc | bbcb | 53 | * | T |
| Portland Bill | cbc | cbc | 48 | * | 0·4 |
| Exeter | cbc | bc | 52 | 5·8 | – |
| Plymouth | $cm_0bc$ | bc | 58 | 7·1 | T |
| St. Eval | $cr_0r_0cbccm_0$ | $bm_0bcb$ | 50 | 6·9 | T |
| The Lizard | bcz | bc | 50 | 7·8 | – |
| Scilly, St. Marys | bcb | bbc | 51 | 7·8 | 1 |
| Fairwood | $bm_0$ | $bz_0bcb$ | 49 | * | – |
| Pembroke | b | bc | 48 | 6·8 | – |
| Aberporth | cbcb | cjpb | 49 | 5·4 | – |
| Penrhos | bccbc | bcc $r_0bcb$ | 51 | 5·2 | T |
| Holyhead, Valley | $bccm_0bc$ | $bcpr_0bc$ | 50 | * | 0·4 |
| Hawarden | cbcc | $cbcpr_0bc$ | 53 | 6·5 | 0·3 |
| Manchester | bcc | cbcprqjp | 51 | * | 0·3 |
| Squires Gate | $cr_0r_0bc$ | $bcz_0bc$ | 48 | * | T |
| Silloth | $cm_0id_0pr_0$ | $cpr_0bccpr$ | 47 | * | 3 |
| Ashbourne | $cddm_0$,c,bc | $cpr_0cbcpr_0bc$ | 49 | * | 1 |
| Snaith | $d_0d_0bcz_0$ | $bcz_0$ | 51 | 4·7 | – |
| Spurn Head | $cm_0$ | $cm_0$ | 51 | 1·6 | T |
| Leeming | $cpr_0b$ | $cpr_0b$ | 53 | 6·8 | T |
| Tynemouth | cmm $p_0bc$ | $bcm_0$ | 52 | | 0·3 |
| Acklington | $bcpr_0$ | bc | 51 | * | 0·1 |
| St. Abb's Head | bcrbpr | bcbq | 49 | * | 1 |
| Leuchars | $cm_0pr_0$ | bcb jpbc | 50 | 6·4 | 0·2 |
| Montrose | $bcm_0cm_0pr_0b$ | bcbc | 48 | 5·9 | T |
| Abbotsinch | cp Rcp $rm_0$ | $cpr_0m_0bc$ | 47 | 0·8 | 3 |
| Prestwick | $cpr_0qm_0$ | $cpr_0qb$ | 47 | * | 6 |
| West Freugh | $bcm_0cr_0ccpr_0$ | $ccr_0bc$ | 49 | * | 0·5 |
| Eskdalemuir | $ccrm_0$ | cbcpRsbc | 45 | 2·3 | 6 |
| Jurby, I. of Man | cbcb | $bcpr_0bcjp$ | 48 | * | T |
| Machrihanish | cprcq | prq | 47 | * | 0·1 |
| Tiree | bc, c | cbcc $pr_0bc$ | 47 | 3·1 | 3 |
| Oban | $cm_0rr_0c$ | $cpr_0phbc$ | 47 | * | * |
| Stornoway | $cpr_0cr_0r_0$ | $cr_0r_0cpr_0m_0$ | 46 | 0·0 | 2 |
| Cape Wrath | ci Rq | ccr Rq | 47 | * | 3 |
| Dalwhinnie | $irr_0$ | oirir sc | 41 | 0·0 | 7 |
| Aberdeen | cbbc | bccybc | 48 | 2·2 | – |
| Fraserburgh | cbcbbc. | $cpr_0c$ | 48 | * | T |
| Alness | $bccpr_0$ | $cpr_0c$ | 47 | 1·9 | 0·3 |
| Wick | bcccir | $cpr_0r_0c$ | 45 | * | 0·1 |
| Hatston | $cbcrd_0$ | ir | 46 | * | 2 |
| Sumburgh | $r_0prbc$ | $cr_0r_0m_0$ | 46 | 2·3 | 0·5 |
| Sullom Voe | $ir_0pr_0c$ | $cr_0r_0$ | 46 | * | 1 |
| Blacksod Point† | c | pr | 48 | * | 2 |
| Malin Head † | c | pr | 47 | 1·0 | 0·3 |
| Aldergrove | $bm_0cpr$ | $cpr_0bc$ | 47 | 5·3 | 0·2 |
| Cas. Archdale | $crrpr_0$ | bjcpq | 45 | * | 2 |
| Birr Castle ... † | b | pr | 49 | 3·4 | 0·3 |
| Collinstown † | c | pr | 50 | 6·4 | 0·2 |
| Foynes ... † | cbc | b | 50 | 5·5 | T |
| Valentia ... † | cbc | c | 49 | 4·4 | 0·3 |
| Roches Point † | cbc | b | 50 | | 32 |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

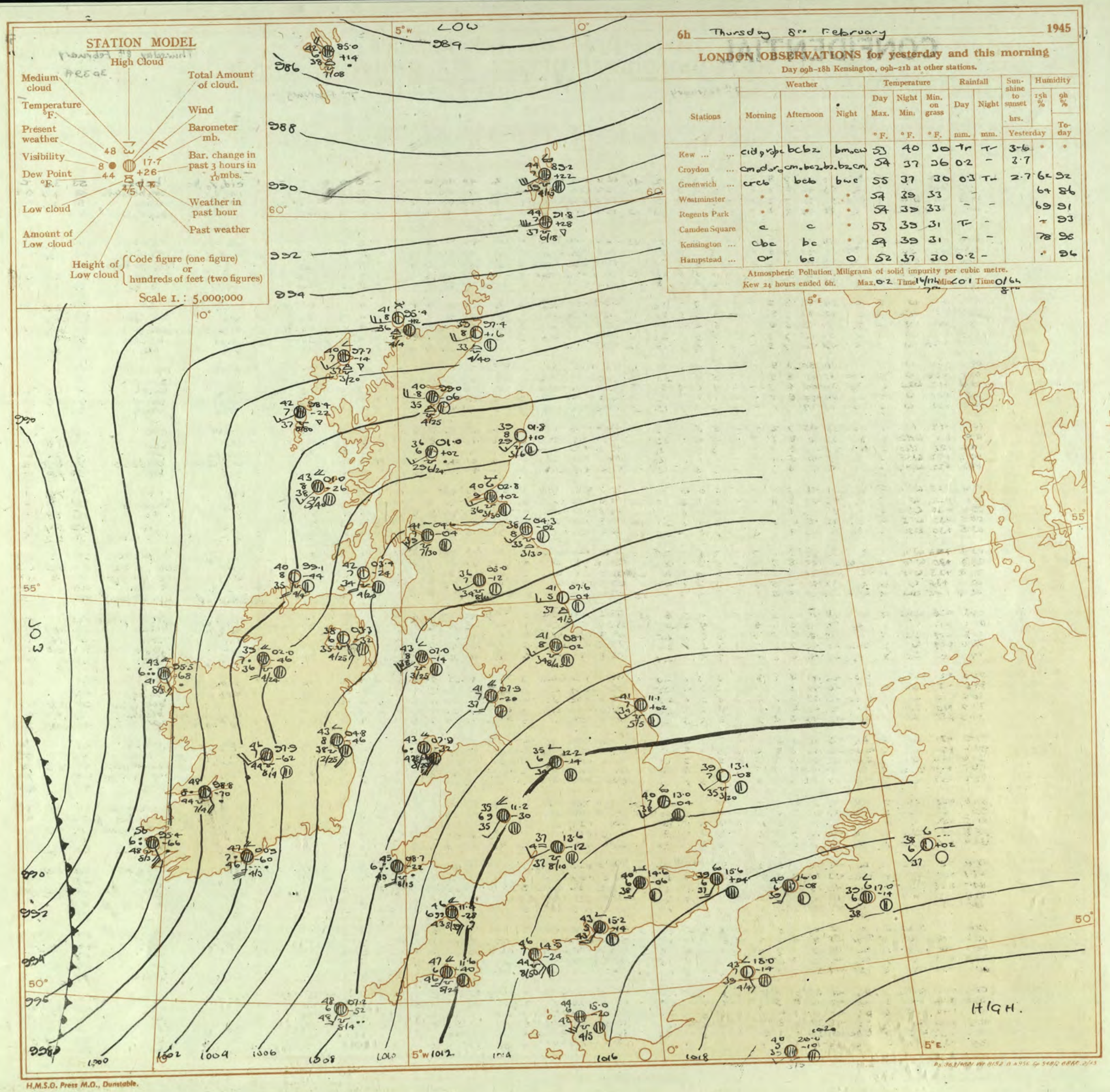
0 = Nil  2 = $\frac{1}{10}$  4 = $\frac{1}{2}$  6 = $\frac{6}{10}$  8 = Completely covered.

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. ‡ See footnote p. 4.

* Information not usually received.

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


STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in 1/10 mbs.
Dew Point °F.
Low cloud
Weather in past hour
Amount of Low cloud
Past weather
Height of Low cloud
Code figure (one figure) or hundreds of feet (two figures)
Scale 1. : 5,000;000
LOW
HIGH.
6h Thursday 8th February 1945
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–21h at other stations.
Stations
Weather
Morning
Afternoon
Night
Temperature
Day Max. °F.
Night Min. °F.
Min. on grass °F.
Rainfall
Day mm.
Night mm.
Sunshine to sunset hrs.
Yesterday
Humidity
15h %
9h %
To-day
Kew ... ... cld, rsbc bcbz bm,cw 53 40 30 Tr T- 3·6
Croydon ... cm,dsr, cm,bcz,bz bz,bz,cm 54 37 36 0·2 - 3·7
Greenwich ... crcb bcb bwc 55 37 30 0·3 Tr 2·7 62 92
Westminster • • • 54 39 33 - - 69 86
Regents Park • • • 54 39 33 - - 69 91
Camden Square c c • 53 39 31 Tr - - 93
Kensington ... cbc bc • 54 39 31 - - 78 96
Hampstead ... or bc 0 52 37 30 0·2 - • 96
Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·2 Time 16/17h Min. <0·1 Time 01/6h
Mb
H.M.S.O. Press M.O., Dunstable.

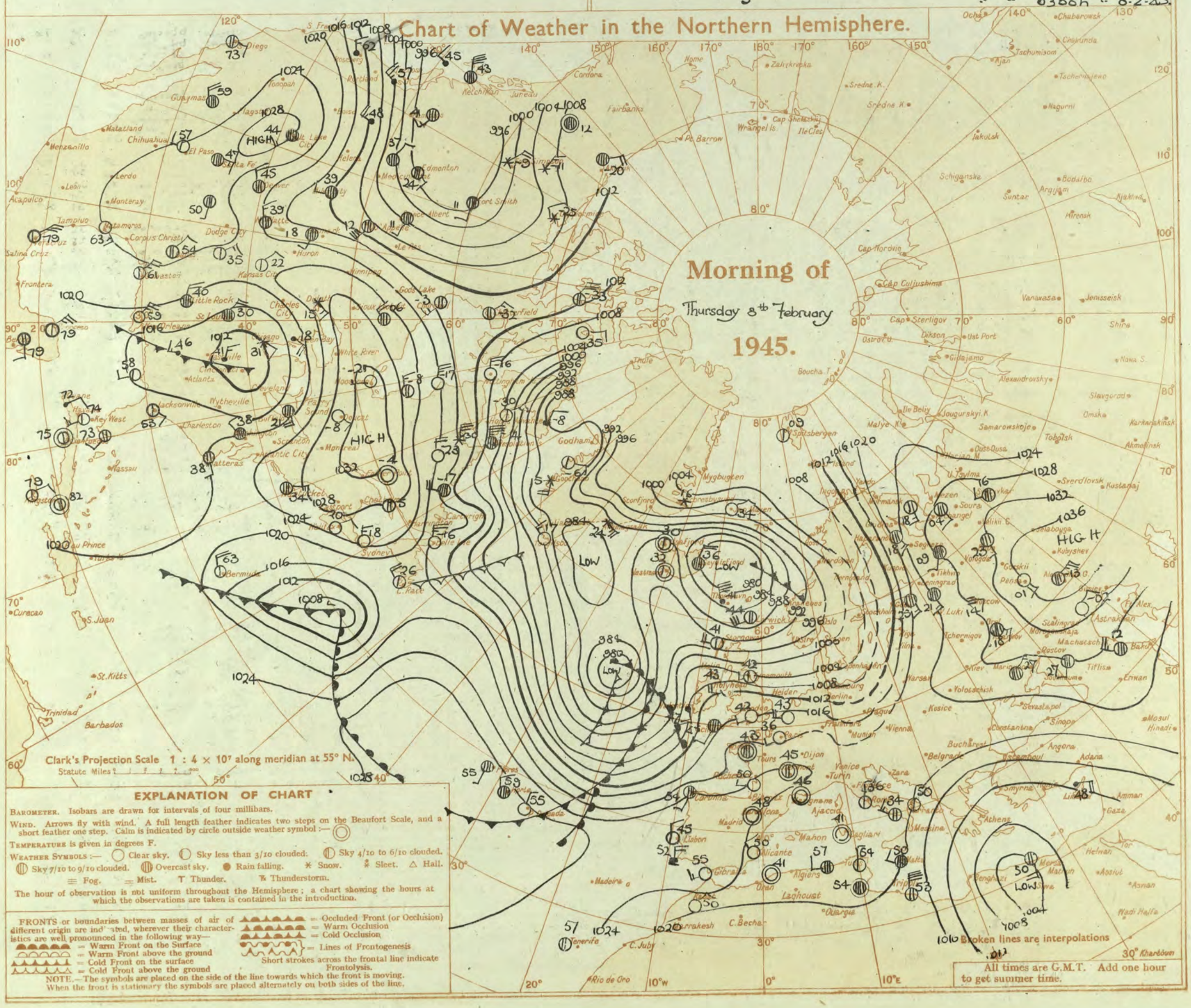
## GENERAL INFERENCE

An intense depression northwest of Ireland is moving Northeast; there will be rain at first in most districts followed by showery conditions in the North and West, but with considerable clear intervals and local showers in the East. It will be rather cold in the North rather mild in the South.

## FURTHER OUTLOOK

Further rain.

Gale warning in operation in districts 13 A. 13B issued at 0415h. G.M.T. 6.2.45
In districts 5 (part of) 6, 7, 8, 12 (part of) 17, 18 " " 0515h. " "
" " 12 " 15 (part of) 16 " " 1235h " "
" " 15 " " " 1630h " "
" " 3 & 4 " 9, 10, 11, 14 " " 1010 h " 7.2.45
" " 5 " " 0300h " 8.2.45.




## 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.

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.

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 8th February 1945

No. 30394

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

| 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 | | * | * | * | * | 42 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | | | | | | | | | | | | | | | | |
| | Boscombe Down | 417 | 16·9 | +16 | W'S | 3 | 2o | 42 | 37 | 6 | - | - | - | 0 | 0 | - | | |
| | Thorney Island | 10 | 17·3 | +10 | W'S | 3 | b | 39 | 37 | 8 | - | - | - | 0 | 0 | - | - | - |
| | Friston ... | – | 17·8 | +14 | W'S | 2 | 2o | 42 | 40 | 5 | - | - | - | 0 | 0 | - | - | - |
| | Lympne ... | 341 | 17·6 | +16 | W'N | 3 | b | 40 | 38 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Manston ... | 140 | 16·6 | +16 | WSW | 3 | b | 41 | 38 | 7 | - | - | - | 0 | 0 | - | - | - |
| 2 | North Weald | 244 | 16·4 | +14 | W'S | 3 | 2o | 40 | 37 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Felixstowe ... | 10 | 14·9 | +16 | WSW | 4 | 2o | 42 | 38 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Gorleston ... | 5 | 18·2 | +22 | W | 3 | b | 41 | 37 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Mildenhall | 15 | 14·7 | +20 | SW'W | 4 | b | 40 | 33 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Bircham Newton | 221 | 12·9 | +14 | WSW | 4 | b | 40 | 35 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Cranwell ... | 203 | 13·2 | +18 | SW | 3 | 2o | 38 | 35 | 6 | - | - | - | 0 | 0 | - | - | - |
| 3 | Cranfield ... | 340 | 15·2 | +14 | WSW | 3 | 2o | 39 | 37 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Honiley ... | 427 | 14·6 | +14 | SSW | 3 | b | 39 | 35 | 7 | - | - | - | 0 | 0 | - | - | - |
| 4 | Little Rissington | 731 | 14·8 | +6 | WSW | 2 | 2o | 36 | 35 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Shobden ... | 318 | | | | | | | | | | | | | | | | |
| 5 | Bristol ... | 209 | 15·4 | +14 | E | 1 | b | 36 | 34 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Chivenor ... | 20 | 16·4 | +6 | W | 1 | 2o | 44 | 41 | 6 | 5 | - | - | 4 | 4 | - | 10 | - |
| | Yeovilton | 50 | 15·4 | -10 | SSE | 2 | b | 43 | 41 | 7 | - | - | 1 | 2 | 2 | - | - | - |
| | Portland Bill | 32 | 17·1 | +10 | SW | 4 | bc | 46 | 42 | 6 | 5 | - | - | 4 | 4 | - | 30 | - |
| | Exeter ... | 100 | 18·1 | +10 | SW | 4 | bc | 46 | 44 | 8 | 5 | - | - | 4 | 4 | - | 50 | - |
| | Plymouth ... | 86 | 16·8 | -6 | SSE | 2 | b | 41 | 38 | 7 | - | - | - | 0 | 0 | - | - | - |
| | St. Eval ... | 345 | 15·9 | -12 | WSW | 1 | 2o | 43 | 41 | 6 | - | - | - | 4 | 4 | - | - | - |
| | The Lizard | 240 | 16·8 | -12 | SSW | 2 | 2o | 41 | 40 | 6 | - | - | 1 | 4 | 4 | - | - | - |
| | | | 16·5 | -6 | SW | 4 | b-bc | 46 | 46 | 6 | 5 | - | - | 3 | 3 | - | 20 | - |
| | Scilly, St. Marys | 163 | 15·9 | -22 | SW | 3 | c-bc | 47 | 46 | 7 | 5 | - | 2 | 5 | 3 | 4 | 15 | - |
| 6 | Fairwood ... | 268 | 15·6 | +2 | SW | 3 | 2o | 42 | 41 | 6 | - | - | 5 | 3 | 3 | | - | - |
| | Pembroke ... | 142 | 13·8 | -14 | SW | 3 | b | 45 | 43 | 8 | * | * | * | 0 | 0 | * | * | * |
| | Aberporth ... | 425 | | | | | | | | | | | | | | | | |
| 7 | Penrhos ... | 63 | 12·5 | -6 | WSW | 4 | b | 42 | 37 | 7 | - | - | 7 | 0 | 0 | - | - | - |
| | Holyhead, Valley | 32 | 12·5 | -2 | W | 5 | b | 43 | 39 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Hawarden | 15 | 12·5 | +10 | W | 3 | b | 41 | 36 | 7 | - | - | - | 0 | 0 | - | - | - |
| 8 | Manchester | 230 | 11·7 | +10 | SSW | 3 | 2o | 38 | 33 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Squires Gate | 30 | 10·9 | +8 | WS | 4 | b | 41 | 38 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Silloth ... | 25 | 07·8 | +12 | WSW | 4 | b | 41 | 37 | 7 | 5 | - | - | 2 | 2 | - | 20 | - |
| 9 | Ashbourne ... | 590 | 13·0 | +4 | WSW | 2 | 2o | 37 | 34 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Snaith ... | 30 | 11·6 | +8 | SW'W | 3 | 2o | 41 | 35 | 6 | - | - | - | 0 | 0 | - | - | - |
| 10 | Spurn Head | 29 | 11·2 | +20 | WSW | 4 | b | 41 | 35 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Leeming | 105 | 09·0 | +12 | WSW | 3 | pr | 43 | 34 | 7 | 3 | - | - | 4 | 4 | - | 20 | - |
| | Tynemouth | 108 | 08·2 | +32 | W | 2 | 2o | 42 | 34 | 6 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Acklington | 138 | 06·8 | +44 | SW | 5 | ir | 41 | 35 | 7 | 5 | - | - | 7 | 7 | - | 26 | - |
| 11 | St. Abb's Head | 280 | 02·7 | +36 | WSW | 5 | b | 40 | 32 | 8 | - | - | - | 0 | 0 | - | - | - |
| | Leuchars ... | 31 | 02·0 | +18 | WSW | 5 | b | 42 | 32 | 8 | 4 | - | - | 2 | 2 | - | 40 | - |
| | Montrose ... | 22 | 01·1 | +28 | SW | 5 | b | 41 | 32 | 8 | 5 | 4 | - | 2 | 2 | 1 | 30 | - |
| 12 | Abbotsinch | 19 | 05·1 | +32 | WSW | 4 | b | 42 | 39 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Prestwick ... | 30 | 06·3 | +12 | SW | 4 | 2o | 43 | 38 | 6 | 5 | - | - | 8 | 8 | - | 32 | - |
| | West Freugh | 53 | 07·6 | +14 | WSW | 5 | b | 41 | 38 | 8 | 2 | - | - | 1 | 1 | - | 30 | - |
| | Eskdalemuir | 794 | | | | | | | | | | | | | | | | |
| | Jurby, I. of Man | 84 | 09·4 | +8 | SW'W | 6 | b | 43 | 38 | 8 | 5 | - | - | 1 | 1 | - | 30 | - |
| 13A | Machrihanish | 35 | 06·7 | +14 | SW'W | 5 | 2o | 43 | 39 | 6 | 8 | - | - | 4 | 3 | 3 | 20 | 25 |
| | Tiree ... | 44 | 04·3 | +16 | WSW | 3 | bc | 42 | 37 | 8 | 4 | - | - | 4 | 4 | - | 30 | - |
| | Oban ... | 74 | 05·0 | +20 | SW | 4 | pr | 43 | 36 | 7 | 3 | - | - | 7 | 7 | - | 20 | - |
| 13B | Stornoway ... | 12 | 97·8 | +28 | W | 4 | b-bc | 41 | 35 | 7 | 3 | - | - | 8 | 3 | - | 18 | - |
| | Cape Wrath | 367 | 94·6 | +58 | N | 7 | b-bc | 43 | 41 | * | * | * | - | 3 | 3 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | | | | | | | | | | | | | | | | |
| | Aberdeen ... | 79 | | | | | | 42 | | | | | | | | | | |
| | Fraserburgh | 76 | 97·6 | +46 | WSW | 5 | b-bc | 42 | 36 | 7 | 5 | - | - | 3 | 3 | - | 25 | - |
| | Alness ... | 63 | 98·2 | +30 | W'S | 7 | c-bc | 43 | 35 | 8 | 2 | - | - | 5 | 5 | - | 30 | - |
| | Wick ... | 114 | 93·8 | +36 | WNW | 7 | b/pr | 42 | 35 | 7 | 8 | - | - | 1 | 1 | - | 20 | - |
| 16 | Hatston ... | 45 | 92·2 | +52 | W'S | 8 | b | 43 | 38 | 8 | 2 | - | - | 2 | 2 | - | 25 | - |
| | Sumburgh ... | 15 | 86·9 | +56 | W | 8 | c/d | 44 | 41 | 6 | 5 | - | - | 6 | 6 | - | 14 | - |
| | Sullom Voe | 12 | 84·6 | +48 | WSW | 6 | bc | 44 | 39 | 7 | 5 | - | - | 4 | 4 | - | 10 | - |
| 17 | Blacksod Point † | 18 | 07·3 | -16 | SSW | 3 | c-bc | 45 | 38 | * | 5 | - | - | 5 | 5 | - | 15 | - |
| 18 | Malin Head † | 84 | | | | | | | | | | | | | | | | |
| | Aldergrove | 294 | 08·7 | +4 | SSW | 3 | 2o | 39 | 36 | 6 | 5 | - | - | 7 | 4 | 7 | 25 | 40 |
| | Cas. Archdale | 240 | 09·3 | 0 | SSW | 3 | c | 40 | 35 | 8 | - | 2 | - | 8 | 8 | - | 80 | - |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | | | | | | | | | | | | | | | | |
| 20 | Foynes ... † | 3 | 11·1 | -10 | SW | 2 | c | 40 | 38 | 8 | - | - | 7 | 8 | 0 | - | - | - |
| | Valentia ... † | 30 | 10·5 | -18 | SE'S | 3 | c-bc | 42 | 38 | 8 | - | 7 | 8 | 5 | 0 | - | - | - |
| | Roches Point † | 22 | 09·0 | -32 | SSE | 4 | ir | 47 | 43 | 7 | 5 | 1 | - | 8 | 3 | - | 24 | - |
| | | | 12·3 | -22 | W | 1 | c | 44 | 40 | 8 | 8 | - | - | 6 | 6 | - | 15 | - |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

| 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) | 9 h. State of Ground. ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 13·4 | +4 | SSW | 2 | 2o | 42 | 40 | 6 | 5 | - | - | 8 | 8 | - | 21 | - | 1 |
| Croydon ... | 14·6 | +4 | SSW | 3 | 2o | 39 | 37 | 6 | - | 7 | - | 8 | 8 | - | - | - | 1 |
| Boscombe Down | 14·2 | -14 | S | 2 | 4r | 41 | 41 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Thorney Island | 15·2 | -14 | SSW | 3 | 2o | 43 | 43 | 5 | - | - | 8 | 8 | 8 | - | - | - | 0 |
| Lympne ... | 16·0 | -6 | WSW | 2 | F | 39 | 35 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Manston ... | 15·6 | +4 | SSW | 3 | 2o | 39 | 37 | 6 | - | 7 | - | 8 | 8 | - | - | - | 1 |
| North Weald | 14·3 | 0 | SSW | 3 | 2o | 38 | 37 | 6 | - | 7 | 7 | 8 | 4 | 8 | 130 | - | 1 |
| Felixstowe ... | 14·1 | -2 | SW | 3 | 2o | 39 | 38 | 6 | - | 1 | - | 8 | 8 | - | 130 | - | 0 |
| Gorleston ... | 13·1 | -8 | WSW | 2 | b-bc | 39 | 35 | 7 | 5 | - | - | 3 | 3 | - | 20 | - | 0 |
| Mildenhall | 13·0 | -4 | SW'S | 3 | c | 40 | 38 | 7 | - | 7 | - | 6 | 6 | - | - | - | 1 |
| Bircham Newton | 12·2 | -10 | S | 2 | c | 38 | 34 | 6 | - | 1 | - | 7 | 7 | - | - | - | 1 |
| Cranwell ... | 11·2 | -10 | SSW | 3 | 2o | 38 | 37 | 6 | - | - | 6 | 8 | 8 | 8 | - | - | 1 |
| Cranfield ... | 13·4 | -6 | WSW | 3 | 2o | 38 | 37 | 5 | 5 | 1 | - | 8 | 3 | 8 | 30 | - | 1 |
| Honiley ... | 11·9 | -16 | SSW | 4 | 2o | 40 | 39 | 6 | 5 | 1 | - | 8 | 3 | 3 | 5 | 8 | 1 |
| Little Rissington | 13·6 | -18 | WSW | 2 | m | 37 | 37 | 4 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Shobden ... | 11·2 | -30 | SSW | 1 | id | 35 | 35 | 6 | - | 2 | - | 8 | 8 | - | - | - | 1 |
| Bristol ... | 14·1 | -8 | SSW | 4 | r | 43 | 42 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Chivenor ... | 11·4 | -28 | SE | 4 | d | 46 | 43 | 6 | - | 2 | - | 8 | 8 | - | 35 | - | 1 |
| Yeovilton | 12·6 | -28 | S'E | 3 | 2o | 45 | 45 | 6 | 5 | - | - | 8 | 8 | - | 25 | - | 0 |
| Portland Bill | 14·5 | -24 | SE | 4 | 0 | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| Exeter ... | 13·2 | -26 | S | 2 | c | 45 | 43 | 6 | 5 | - | - | 8 | 8 | - | 11 | - | 1 |
| Plymouth ... | 11·6 | -40 | SSW | 3 | 2o | 47 | 46 | 6 | 5 | 2 | - | 8 | 5 | 8 | 25 | 72 | 1 |
| St. Eval ... | 09·6 | -46 | E'N | 6 | dr | 47 | 46 | 1 | 5 | 2 | - | - | 4 | 6 | 4 | 8 | 1 |
| The Lizard | 10·1 | -44 | SSW | 5 | r | 48 | 48 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Scilly, St. Marys | 07·2 | -52 | SSW | 4 | r/r | 48 | 48 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Fairwood ... | 10·3 | -40 | S | 2 | ir | 43 | 42 | 5 | 6 | 2 | - | 8 | 3 | 8 | 20 | 40 | 1 |
| Pembroke ... | 08·7 | -22 | SSE | 5 | rr | 45 | 45 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Aberporth ... | 08·5 | -26 | S | 4 | r | 44 | 42 | 6 | 6 | 2 | - | 8 | 4 | 8 | 8 | 15 | 1 |
| Penrhos ... | 07·9 | -34 | SW | 4 | ir | 41 | 40 | 6 | - | 2 | - | 8 | 8 | - | 72 | - | 1 |
| Holyhead, Valley | 07·9 | -32 | S'E | 5 | ir | 43 | 42 | 6 | - | 2 | - | 8 | 8 | - | 20 | - | 1 |
| Hawarden | 09·4 | -22 | S | 3 | 2o | 39 | 37 | 6 | - | 1 | 7 | 8 | 4 | 8 | - | - | 1 |
| Manchester | 10·5 | -10 | S | 3 | 2o | 37 | 32 | 6 | 5 | - | 7 | 8 | 3 | 8 | 30 | - | 1 |
| Squires Gate | 07·9 | -20 | S'W | 3 | c | 41 | 37 | 7 | - | 2 | - | 8 | 8 | - | 30 | - | 0 |
| Silloth ... | 06·3 | -12 | SW'S | 4 | c | 41 | 39 | 7 | 5 | - | 7 | 8 | 4 | 8 | 45 | - | 1 |
| Ashbourne ... | 12·2 | -14 | WSW | 2 | 2o | 35 | 34 | 6 | - | - | 7 | 5 | 5 | - | - | - | 1 |
| Snaith ... | 09·9 | -12 | SSW | 2 | 2o | 40 | 34 | 5 | - | 7 | - | 8 | 8 | - | 180 | - | 0 |
| Spurn Head | 11·1 | +2 | SW | 3 | c-bc | 41 | 34 | 7 | 5 | - | - | 5 | 5 | - | 25 | - | 0 |
| Leeming | 08·1 | -2 | WSW | 3 | c | 41 | 34 | 8 | 5 | - | - | 8 | 8 | - | 40 | - | 1 |
| Tynemouth | 07·6 | -4 | W | 3 | 2o | 41 | 37 | 5 | 2 | - | - | 4 | 4 | - | 25 | - | 1 |
| Acklington | 06·1 | -6 | SW | 3 | 2o | 40 | 35 | 6 | 5 | 1 | - | 7 | 4 | 7 | 16 | - | 1 |
| St. Abb's Head | 04·3 | -2 | SSW | 3 | c-bc | 38 | 33 | 8 | 4 | 1 | - | 5 | 3 | 4 | 30 | - | 0 |
| Leuchars ... | 02·8 | +2 | WSW | 3 | c | 40 | 36 | 9 | 5 | 4 | 7 | 8 | 3 | 1 | 30 | - | 1 |
| Montrose ... | 02·6 | +2 | E | 1 | b-bc | 35 | 31 | 8 | 8 | - | - | 3 | 2 | 3 | 15 | 40 | 1 |
| Abbotsinch | 04·6 | -4 | SW | 2 | c | 41 | 39 | 7 | 5 | - | - | 7 | 7 | - | 30 | - | 1 |
| Prestwick ... | 04·2 | -16 | SSW | 3 | 2o | 41 | 37 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| West Freugh | 05·3 | -18 | SSW | 2 | c | 41 | 38 | 7 | - | 1 | - | 7 | 7 | - | 120 | - | 1 |
| Eskdalemuir | 05·0 | -12 | WSW | 3 | c | 36 | 34 | 7 | 5 | - | - | 8 | 8 | - | 11 | - | 1 |
| Jurby, I. of Man | 05·3 | -18 | SSW | 2 | c | 41 | 38 | 7 | - | 1 | - | 7 | 7 | - | 120 | - | 1 |
| Machrihanish | 03·9 | -24 | S'W | 4 | bc | 42 | 39 | 7 | 5 | - | - | 4 | 4 | - | 20 | - | 1 |
| Tiree ... | 01·0 | -26 | S'W | 3 | c | 43 | 38 | 8 | 5 | 2 | - | 8 | 5 | 3 | 40 | - | 1 |
| Oban ... | 02·8 | -16 | S | 3 | c | 41 | 39 | 8 | 5 | - | - | 7 | 7 | - | 30 | - | 2 |
| Stornoway ... | 97·7 | -14 | SW | 3 | c | 40 | 37 | 7 | 8 | 1 | - | 6 | 3 | 4 | 20 | 25 | 1 |
| Cape Wrath | 95·4 | +12 | W | 5 | bc | 41 | 36 | 8 | 8 | 6 | - | 4 | 4 | - | 15 | - | 1 |
| Dalwhinnie | 01·0 | +2 | SW | 3 | c | 36 | 29 | 6 | 5 | - | - | 6 | 6 | - | 24 | - | 4 |
| Aberdeen ... | 01·8 | +10 | S'W | 3 | b-bc | 39 | 29 | 8 | 5 | - | - | 3 | 3 | 3 | 40 | 40 | 4 |
| Fraserburgh | 00·3 | +8 | SW | 4 | b-bc | 39 | 32 | 7 | - | 4 | 5 | 3 | 2 | 2 | - | - | 0 |
| Alness ... | 99·0 | -6 | W | 4 | c | 40 | 35 | 8 | 8 | - | - | 6 | 4 | 6 | 25 | 40 | 1 |
| Wick ... | 97·4 | +16 | WSW | 4 | bc | 39 | 33 | 8 | 4 | - | - | 4 | 6 | - | 40 | - | 1 |
| Hatston ... | 95·0 | +14 | W'S | 6 | PR | 42 | 37 | 6 | 8 | - | - | 6 | 3 | 6 | 15 | 25 | |
| Sumburgh ... | 91·8 | +28 | W'S | 7 | c | 44 | 37 | 7 | 5 | - | - | 6 | 6 | - | 18 | - | 1 |
| Sullom Voe | 89·2 | +22 | WSW | 6 | c | 44 | 39 | 7 | 5 | 7 | - | 6 | 4 | 4 | 15 | - | 1 |
| Blacksod Point † | 95·5 | -68 | SSE | 3 | rr | 43 | 41 | 6 | - | 2 | - | 8 | 8 | - | 8 | - | 2 |
| Malin Head † | 99·1 | -44 | S | 4 | bc | 40 | 35 | 8 | 5 | - | - | 4 | 4 | - | 15 | - | 1 |
| Aldergrove | 03·3 | -32 | SE'S | 3 | 2o | 38 | 35 | 6 | 5 | - | - | 4 | 4 | - | 25 | - | 1 |
| Cas. Archdale | 02·0 | -46 | S | 4 | ir | 39 | 36 | 7 | 5 | 2 | - | 8 | 4 | 8 | 24 | 72 | 1 |
| Birr Castle ... † | 97·9 | -62 | WSW | 4 | c | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Collinstown † | 04·8 | -46 | SSE | 4 | c | 43 | 39 | 8 | 5 | 1 | - | 8 | 2 | - | 25 | - | 1 |
| Foynes ... † | 98·8 | -70 | SE'S | 4 | ir | 48 | 44 | 8 | 5 | - | - | 7 | 7 | - | 14 | - | 1 |
| Valentia ... † | 95·4 | -66 | SSE | 6 | rr | 50 | 48 | 8 | 5 | - | - | 8 | 8 | - | 9 | - | 1 |
| Roches Point † | 00·9 | -60 | S | 7 | ir | 47 | 46 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather. 18h.–00h. (39) | Weather. 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Temperature 21h.–09h. Min. on Grass °F. (42) | Rain 21h.–09h. mm. (43) |
|---|---|---|---|---|---|
| Kew ... | bmow | bbcemo | 40 | 30 | Tr |
| Croydon ... | bzbm | bmo, bemo | 37 | 36 | – |
| Boscombe Down | b | cbccir c | 36 | 30 | Tr |
| Thorney Island | bzo bmo | bmo bemo | 31 | 31 | |
| Lympne ... | b | bcdmi, M | 36 | 31 | – |
| Manston ... | bzo mo | bmo emo | 37 | 36 | – |
| North Weald | bczo bpro mo | bmo, bemo | 37 | 35 | – |
| Felixstowe ... | bmo | bmo omo | 38 | 33 | Tr |
| Gorleston ... | bcbl | bcc | 38 | 33 | – |
| Mildenhall | b | b, c | 38 | 33 | Tr |
| Bircham Newton | b | bcc | 36 | 34 | – |
| Cranwell ... | bcb zo mo | bmo, emo | 37 | 32 | – |
| Cranfield ... | bmo | bmo emo | 38 | 33 | 0·4 |
| Honiley ... | b | bmo emo | 36 | 32 | 0·5 |
| Little Rissington | b | bcfefem | 36 | 32 | 0·1 |
| Shobden ... | b | bbccmo | 34 | 28 | 0·3 |
| Bristol ... | bmo bcmo | emo er mo | 40 | 35 | 1 |
| Chivenor ... | b | bcemdm | 42 | 37 | 1 |
| Yeovilton | bbzbc | cmwcir | 36 | | Tr |
| Portland Bill | bc | oc | 45 | * | 3 |
| Exeter ... | b | c | 40 | 34 | 2 |
| Plymouth ... | bemo | emmw | 41 | 34 | 1 |
| St. Eval ... | bbcmo | emo rr | 41 | 27 | 0·6 |
| The Lizard | bbc | | 46 | * | 3 |
| Scilly, St. Marys | bccbc | ro rc | 47 | * | 3 |
| Fairwood ... | bmo | zbccz | 40 | 35 | * |
| Pembroke ... | borr | bceimrm | 44 | * | 1 |
| Aberporth ... | * | bcemum | 39 | 37 | 0·6 |
| Penrhos ... | bw | c | 41 | 36 | 0·3 |
| Holyhead, Valley | bbc | c | 41 | 40 | 0·6 |
| Hawarden | b | bbcc | 40 | 30 | – |
| Manchester | b | b, emo | 37 | 31 | 0·2 |
| Squires Gate | b | c | 38 | 37 | – |
| Silloth ... | bccpro b | bc | 39 | 35 | – |
| Ashbourne ... | bcmo cbm | bmo, emo | 34 | 30 | Tr |
| Snaith ... | bcpro zo | bemo | 38 | 34 | Tr |
| Spurn Head | | c | 37 | * | – |
| Leeming | bpromb bc | bcpro bcc | 39 | 37 | Tr |
| Tynemouth | bcmo | bcmo | 39 | 35 | – |
| Acklington | bcbc | cir bccmo | 35 | 33 | Tr |
| St. Abb's Head | b | bbc | 36 | * | – |
| Leuchars ... | b | bc | 38 | 34 | – |
| Montrose ... | bcb | b | 35 | 25 | – |
| Abbotsinch | b | c | 39 | 34 | 0·2 |
| Prestwick ... | bcpro | bcmo | 36 | 32 | Tr |
| West Freugh | bccprbcc | bcbcc | 40 | 37 | Tr |
| Eskdalemuir | bcpromo | bcc | 35 | 33 | 0·6 |
| Jurby, I. of Man | bcjpb | bbcc | 41 | 41 | Tr |
| Machrihanish | cbcz | bczbc | 40 | 36 | – |
| Tiree ... | ccpro c | bcbc | 40 | 38 | 1 |
| Oban ... | bcbpro | cp, r bcc | 38 | * | * |
| Stornoway ... | cpro bc | | 38 | 33 | 1 |
| Cape Wrath | bccpro bcc | | 39 | * | 1 |
| Dalwhinnie | * | cir | 35 | 31 | 0·2 |
| Aberdeen ... | b | bbc | 37 | 31 | – |
| Fraserburgh | bccb | bcbbc | 36 | | – |
| Alness ... | bc | bbcc | 37 | 32 | – |
| Wick ... | bcpro b | bcbc | 37 | 33 | 0·2 |
| Hatston ... | rprbc | bbbeps | | * | |
| Sumburgh ... | pirdc | bcprc | 43 | 40 | 0·3 |
| Sullom Voe | ro | bcc | 42 | 39 | 1 |
| Blacksod Point † | bc | bbc | 42 | * | 2 |
| Malin Head † | | bc | 39 | * | 0·2 |
| Aldergrove | bcpgmcpg | emobemo | 37 | 33 | 0·4 |
| Cas. Archdale | bccpro | cci | 37 | 33 | 2 |
| Birr Castle ... † | * | bc | 39 | 37 | Tr |
| Collinstown † | bc | bc | 38 | 36 | Tr |
| Foynes ... † | c | bc | 41 | 36 | 1 |
| Valentia ... † | r | c | 44 | 39 | 7 |
| Roches Point † | c | c | 43 | * | 4 |

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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

**CONFIDENTIAL**

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

Friday 8th February 1945

No. 30355.

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

| 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) | 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 | 07.5 | +36 | S'E | 3 | r.r. | 46 | 44 | 6 | 5 | - | - | 8 | 5 | 8 | 3 | 15 |
| | Croydon | 06.4 | -34 | S | 3 | ir. | 45 | 43 | 5 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Boscombe Down | 05.3 | -48 | S'E | 4 | dd | 45 | 45 | 5 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Thorney Island | 08.8 | -36 | SSE | 4 | r | 44 | 44 | 4 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 10.3 | -34 | SSW | 4 | m | 43 | 42 | 4 | 5 | 7 | - | 8 | 6 | 8 | 1 | - |
| | Manston | 11.5 | +26 | SSW | 4 | r | 44 | 42 | 6 | 5 | - | - | 8 | 7 | 8 | 6 | 15 |
| 2 | North Weald | 08.3 | -40 | SSE | 3 | ir. | 44 | 41 | 5 | 5 | 7 | - | 8 | 6 | 8 | 10 | - |
| | Felixstowe | 10.6 | -22 | S'W | 4 | c/r | 41 | 41 | 5 | 5 | 2 | - | 8 | 4 | 8 | 15 | - |
| | Gorleston | 10.4 | -26 | SW'S | 3 | r | 43 | 39 | 6 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Mildenhall | 08.0 | -36 | S'E | 3 | r.r. | 44 | 42 | 5 | - | 2 | - | 8 | 8 | - | 10.0 | - |
| | Bircham Newton | 08.2 | -26 | S | 4 | r.r. | 43 | 41 | 6 | 5 | 2 | - | 8 | 4 | 8 | 12 | 40 |
| | Cranwell | 05.3 | -34 | SSE | 3 | ir. | 43 | 42 | 6 | 6 | 2 | - | 8 | 5 | 5 | 10 | - |
| 3 | Cranfield | 07.0 | -40 | SSE | 5 | r.r. | 44 | 42 | 5 | 6 | 2 | - | 8 | 5 | 8 | 8 | 25 |
| | Honiley | 09.3 | -38 | SE | 5 | d.d. | 44 | 42 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 4 | Little Rissington | 04.6 | -42 | SSW | 5 | r.r. | 43 | 43 | 6 | 6 | 2 | - | 8 | 7 | 8 | 2 | 8 |
| | Shobden | 02.5 | -52 | SSE | 4 | id. | 43 | 43 | 5 | 5 | - | - | 8 | 4 | 6 | 6 | 15 |
| 5 | Bristol | 05.3 | -42 | S | 4 | id. | 47 | 45 | 7 | 5 | 2 | - | 8 | 6 | 8 | 8 | 57 |
| | Chivenor | 01.9 | -44 | S'E | 4 | c/r | 50 | 48 | 8 | 5 | - | - | 8 | 2 | 5 | 4 | 8 |
| | Yeovilton | 04.7 | -42 | S'E | 5 | ir. | 48 | 48 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 8 |
| | Portland Bill | 06.1 | -48 | S | 5 | r | 46 | 44 | 6 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 03.4 | -42 | SSE | 3 | r | 43 | 48 | 6 | 6 | - | - | 8 | 8 | - | 2 | - |
| | Plymouth | 03.5 | -34 | SSW | 5 | c/r | 48 | 48 | 6 | 5 | - | - | 8 | 8 | - | 5 | - |
| | St. Eval | 01.9 | -34 | SW | 4 | ir. | 50 | 48 | 6 | 6 | 2 | - | 8 | 4 | 8 | 6 | 40 |
| | The Lizard | 03.8 | -28 | SW | 7 | c/r | 43 | 43 | 6 | 5 | - | - | 5 | 4 | 3 | 15 | 25 |
| | Scilly, St. Marys | 01.8 | -18 | WSW | 6 | c/r | 51 | 49 | 7 | 8 | 6 | 3 | 7 | 5 | 2 | 15 | 40 |
| 6 | Fairwood | 01.2 | -46 | SSE | 4 | r.r. | 46 | 45 | 5 | 5 | 2 | - | 8 | 3 | 5 | - | 8 |
| | Pembroke | 98.3 | -48 | S | 6 | d.d. | 47 | 47 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Aberporth | 93.0 | -44 | S'W | 5 | ir. | 47 | 45 | 7 | 5 | - | - | 7 | 7 | - | 4 | - |
| 7 | Penrhos | 99.1 | -50 | SSE | 4 | r.r. | 44 | 43 | 6 | 5 | 2 | - | 8 | 6 | 8 | 10 | 25 |
| | Holyhead, Valley | 98.1 | -48 | SSE | 6 | c | 46 | 43 | 7 | 5 | 7 | - | 8 | 3 | 5 | 8 | 15 |
| | Hawarden | 01.4 | -44 | SE'S | 4 | r | 46 | 40 | 6 | 5 | 2 | - | 8 | 4 | 5 | 15 | 25 |
| 8 | Manchester | 02.4 | -46 | SSE | 4 | ir. | 44 | 40 | 5 | 5 | 2 | - | 8 | 6 | 8 | 12 | - |
| | Squires Gate | 00.3 | -38 | S | 5 | ir. | 44 | 41 | 5 | 5 | 7 | - | 8 | 4 | 8 | 15 | - |
| | Silloth | 99.3 | -34 | SSE | 4 | c | 45 | 39 | 8 | 5 | 7 | - | 8 | 4 | 5 | 25 | 40 |
| 9 | Ashbourne | 04.6 | -38 | SE | 3 | r.r. | 41 | 41 | 5 | 5 | 2 | - | 8 | 5 | 8 | 6 | 15 |
| | Snaith | 04.6 | -30 | SE'S | 3 | c/d | 47 | 38 | 5 | 5 | 2 | - | 8 | 5 | 8 | 30 | - |
| 10 | Spurn Head | 06.8 | -24 | SSW | 4 | r | 42 | 40 | 6 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Leeming | 02.3 | -30 | SSE | 3 | id. | 42 | 38 | 5 | 5 | 7 | - | 8 | 6 | 3 | 25 | - |
| | Tynemouth | 03.3 | -18 | S | 5 | ir. | 42 | 38 | 5 | - | 2 | - | 8 | 8 | - | 18 | - |
| | Acklington | 01.9 | -36 | S | 5 | ir. | 39 | 34 | 5 | 5 | 2 | - | 8 | 4 | 8 | 20 | - |
| 11 | St. Abb's Head | 99.2 | -26 | S | 3 | c.bc | 42 | 37 | 7 | 5 | 5 | - | 5 | 4 | 3 | 20 | - |
| | Leuchars | 99.2 | -22 | - | 0 | r | 43 | 37 | 6 | 5 | 7 | - | 7 | 4 | 6 | 30 | - |
| | Montrose | 99.9 | -18 | S | 4 | r | 41 | 38 | 6 | 5 | 7 | 6 | 7 | 3 | 4 | 15 | 40 |
| 12 | Abbotsinch | 97.8 | -46 | SE | 2 | ir. | 45 | 42 | 6 | 5 | 2 | - | 8 | 3 | 5 | 12 | 25 |
| | Prestwick | 97.0 | -58 | SE'S | 4 | c/d | 45 | 39 | 7 | 5 | 7 | - | 7 | 3 | 4 | 11 | 25 |
| | West Freugh | 97.0 | -48 | SSE | 4 | d.d. | 42 | 42 | 7 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Eskdalemuir | 98.4 | -30 | S | 3 | r | 40 | 38 | 6 | 6 | 2 | - | 8 | 8 | 5 | 5 | 8 |
| | Jurby, I. of Man | 98.2 | -50 | SSE | 6 | d.d. | 44 | 42 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| 13A | Machrihanish | 94.0 | -54 | SE | 6 | c/r | 45 | 43 | 6 | 5 | - | - | 8 | 4 | 8 | 3 | 15 |
| | Tiree | 92.5 | -46 | SE | 5 | ir. | 43 | 41 | 7 | 6 | 2 | - | 8 | 5 | 8 | 20 | - |
| | Oban | 96.0 | -40 | ESE | 2 | ir. | 43 | 39 | 8 | 5 | 7 | - | 8 | 3 | 4 | 8 | 40 |
| 13B | Stornoway | 93.5 | -22 | SSW | 3 | c | 44 | 40 | 8 | 5 | 7 | 6 | 6 | 3 | 4 | 20 | 40 |
| | Cape Wrath | 84.7 | -8 | SW | 4 | c | 41 | 37 | 8 | 5 | 3 | - | 7 | 5 | - | 15 | - |
| 15 | Dalwhinnie | 97.0 | -20 | SSW | 4 | c | 38 | 30 | 7 | 5 | 7 | - | 8 | 4 | 4 | 24 | - |
| | Aberdeen | 99.4 | -14 | SSW | 2 | r | 41 | 35 | 6 | - | 4 | 7 | 6 | 4 | 5 | - | - |
| | Fraserburgh | 98.7 | -10 | SSW | 3 | c | 40 | 35 | 7 | 5 | 7 | 2 | 7 | 3 | 6 | 35 | - |
| | Alness | 96.3 | -18 | W | 1 | c | 42 | 37 | 8 | 5 | 7 | 7 | 8 | 2 | 5 | 30 | - |
| | Wick | 96.5 | -8 | SSW | 3 | c | 43 | 35 | 8 | 5 | 7 | 8 | 7 | 2 | 4 | 20 | 57 |
| 16 | Hatston | 95.5 | -2 | SW'S | 3 | c | 42 | 38 | 7 | 8 | 7 | 9 | 6 | 3 | 3 | 20 | - |
| | Sumburgh | 93.1 | +2 | WSW | 5 | c | 49 | 37 | 7 | 5 | - | 2 | 6 | 5 | 2 | 25 | - |
| | Sullom Voe | 92.1 | +12 | WSW | 4 | c/pr | 44 | 37 | 8 | 8 | 6 | - | 6 | 3 | 5 | 15 | 40 |
| 17 | Blacksod Point † | 86.2 | -34 | SW | 6 | c | 49 | 45 | 7 | 6 | 1 | - | 7 | 7 | - | 8 | - |
| 18 | Malin Head † | 85.7 | -68 | SSE | 6 | ir | 45 | 43 | 8 | 9 | 2 | - | 5 | 4 | - | 8 | - |
| | Aldergrove | 92.8 | -58 | SSE | 6 | c | 47 | 44 | 7 | 5 | 7 | - | 7 | 4 | 5 | 16 | 15 |
| | Cas. Archdale | 90.1 | -60 | SSE | 4 | r.r. | 46 | 45 | 8 | 5 | 2 | - | 8 | 4 | 5 | 5 | 8 |
| 19 | Birr Castle † | 91.6 | -10 | SSW | 4 | c.bc | 49 | 42 | 8 | 8 | - | - | 5 | 5 | - | 15 | - |
| | Collinstown † | 98.8 | -34 | SE'E | 5 | c.bc | 48 | 46 | 7 | 8 | 3 | - | 5 | 5 | - | 17 | - |
| 20 | Foynes † | 92.3 | -6 | SW'W | 4 | pr. | 46 | 43 | 8 | 9 | 6 | - | 7 | 6 | - | 12 | - |
| | Valentia † | 93.5 | +18 | SW'W | 6 | pr. | 47 | 40 | 8 | 8 | 6 | - | 6 | 6 | - | 25 | - |
| | Roches Point † | 94.7 | -6 | WSW | 5 | c.bc/pr | 49 | 44 | 8 | 3 | - | 5 | 5 | 5 | - | 15 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1300.

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

| 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) | 21 h ‡ State of Ground. 0-9 (33) | Weather. 06h.-12h. (34) | Weather. 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 00.0 | -20 | SSW | 3 | c/d | 47 | 43 | 5 | 5 | - | 6 | 8 | 5 | 5 | 7 | - | 1 | cirorm | ndridm | 47 | 0.0 | 2 |
| Croydon | 00.8 | -22 | SW | 4 | c/r | 48 | 45 | 5 | 5 | 7 | - | 8 | 5 | 8 | 5 | - | 1 | cmoir | crorm | 48 | 0.0 | 0.5 |
| Boscombe Down | 00.8 | -10 | WSW | 4 | ir. | 45 | 43 | 6 | 5 | - | - | 8 | 4 | 5 | 7 | 15 | 1 | crorrmcddm | crormcir | 48 | 0.0 | 7 |
| Thorney Island | 03.0 | -10 | SW'W | 4 | r | 47 | 43 | 6 | 5 | 3 | - | 4 | 2 | 4 | 5 | - | 1 | cmfrrm | cmcrrcmcm | 48 | * | 7 |
| Friston | | | | | | | | | | | | | | | | | | | | | | |
| Lympne | 02.6 | -30 | SW | 6 | rr | 45 | 44 | 4 | 5 | 2 | - | 8 | 7 | 8 | 1 | 8 | 1 | cffcm | rormrrF | 45 | 0.0 | 4 |
| Manston | 02.4 | -36 | SSW | 4 | r.r. | 46 | 46 | 4 | 5 | - | - | 8 | 5 | 8 | 5 | 15 | 1 | cm. | crrm | 47 | 0.0 | 4 |
| North Weald | 00.2 | -18 | SSE | 5 | id. | 46 | 45 | 4 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 | cffcimrm | cromcdm | 46 | * | 3 |
| Felixstowe | 00.9 | -38 | S'E | 4 | ir. | 43 | 42 | 5 | 5 | 2 | - | 8 | 4 | 8 | 8 | 15 | 1 | cirom | cirm | 44 | 0.0 | 1 |
| Gorleston | 02.8 | -52 | SSW | 6 | r.r. | 41 | 39 | 5 | 6 | - | - | 8 | 8 | - | 8 | - | 1 | co2 | oporq | 45 | 0.0 | 3 |
| Mildenhall | 99.3 | -34 | S'W | 4 | r | 47 | 45 | 6 | 5 | 2 | - | 8 | 4 | 8 | 10 | 40 | 1 | ccrorm | crqrddm | 48 | 0.0 | 1 |
| Bircham Newton | 99.7 | -34 | SSE | 4 | r.r. | 45 | 43 | 6 | 6 | 2 | - | 8 | 8 | 8 | 4 | - | 1 | cirom | cirm | 46 | 0.0 | 1 |
| Cranwell | 97.0 | -36 | SSE | 3 | r.r. | 45 | 45 | 5 | 5 | 2 | - | 8 | 5 | 8 | 8 | 15 | 1 | cmocirom | cidmcm | 46 | 0.0 | 2 |
| Cranfield | 98.9 | -22 | S'W | 4 | r.r. | 46 | 44 | 6 | 5 | 2 | - | 8 | 4 | 5 | 6 | 15 | 1 | ccirocrorm | crm | 47 | * | 2 |
| Honiley | 96.9 | -16 | SSW | 4 | ir. | 47 | 45 | 6 | 5 | 9 | - | 8 | 7 | 8 | 6 | - | 1 | cidom | cidrrm | 47 | 0.0 | 30 |
| Little Rissington | 98.1 | -8 | WSW | 5 | r.r. | 44 | 42 | 6 | 5 | 7 | - | 7 | 5 | 6 | 5 | 15 | 1 | cirsmcirm | cirerrmcirm | 46 | * | 5 |
| Shobden | 96.9 | -4 | WSW | 4 | pr | 46 | 42 | 6 | 8 | 7 | - | 7 | 3 | 5 | 12 | 15 | 1 | crorm | crrmcpr | 49 | * | 3 |
| Bristol | 00.1 | -2 | W | 6 | rr | 46 | 42 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 15 | 1 | cmorrcdd | cprRpm | 51 | 0.1 | 10 |
| Chivenor | 00.5 | +10 | WSW | 5 | bc | 44 | 38 | 6 | 8 | 7 | 2 | 4 | 3 | 4 | 25 | - | 1 | rorm | cirepm | 53 | 0.2 | 4 |
| Yeovilton | 00.1 | -2 | WSW | 4 | c-bc/pr | 48 | 43 | 7 | 8 | 6 | - | 5 | 4 | 5 | 8 | 15 | 1 | czirr | irprc | 50 | * | 6 |
| Portland Bill | 02.7 | -6 | SW | 5 | c | 47 | 43 | 7 | 5 | - | - | 8 | 8 | - | 50 | - | 1 | or | c | 47 | * | 7 |
| Exeter | 01.3 | +8 | W | 5 | c-bc | 47 | 37 | 8 | 9 | - | 3 | 5 | 3 | 5 | 8 | 15 | 1 | cirorrm | cpr | 50 | 0.4 | 6 |
| Plymouth | 02.5 | +12 | WSW | 6 | c-bc | 46 | 41 | 7 | 2 | 4 | - | 5 | 5 | 2 | 20 | - | 1 | crocr | cpr | 49 | 0.2 | 3 |
| St. Eval | 02.6 | +10 | W'S | 6 | pr | 43 | 38 | 6 | 8 | 7 | - | 8 | 4 | 6 | 10 | 15 | 1 | cdorormddir | crormc | 51 | 0.6 | 6 |
| The Lizard | 03.9 | +12 | W'N | 7 | c | 46 | 39 | 6 | 5 | - | - | 9 | 5 | - | 20 | - | 1 | rrirc | orc | 49 | 2.5 | 5 |
| Scilly, St. Marys | 02.7 | +8 | WNW | 7 | b/phr | 47 | 42 | 7 | 8 | 6 | - | 4 | 4 | 3 | 15 | 57 | 1 | cir | cphrbc | 51 | 2.6 | 3 |
| Fairwood | 99.1 | +10 | WSW | 5 | r | 44 | 38 | 6 | 8 | 4 | - | 5 | 4 | 3 | 15 | 25 | 1 | crorm | cmpr | 48 | * | 2 |
| Pembroke | 96.5 | +4 | SW'W | 7 | c-bc | 45 | 41 | 7 | 8 | - | - | 5 | 5 | - | 22 | - | 1 | cdidm | cqprcq | 51 | 0.0 | 1 |
| Aberporth | 96.9 | -8 | SW'S | 5 | b-bc | 43 | 39 | 7 | 5 | 3 | - | 3 | 2 | 3 | 30 | - | 1 | crorddd | crcirc | 49 | 0.0 | 3 |
| Penrhos | 98.4 | +2 | SW | 5 | pr | 45 | 41 | 6 | 8 | 8 | - | 7 | 4 | 6 | 15 | 25 | 1 | cmofmrmir | cmc | 48 | 0.2 | 3 |
| Holyhead, Valley | 94.1 | 0 | WSW | 5 | c/pr | 44 | 41 | 6 | 8 | - | - | 7 | 7 | - | 20 | - | 1 | cir | cdodopro | 47 | * | 0.4 |
| Hawarden | 95.5 | -10 | SW | 3 | c/r | 47 | 43 | 6 | 5 | - | - | 7 | 7 | - | 15 | - | 1 | cm | cmorrcm | 48 | 0.0 | 2 |
| Manchester | 95.0 | -22 | SSW | 5 | r.r. | 46 | 44 | 5 | 5 | 7 | - | 7 | 3 | 5 | 6 | 15 | 1 | cirorrmrrcm | crormc | 47 | * | 0.2 |
| Squires Gate | 94.0 | -18 | SSW | 4 | c/d | 45 | 44 | 4 | 5 | - | - | 7 | 4 | 5 | 10 | 25 | 1 | irmoiro | cmmdomo | 46 | * | 2 |
| Silloth | 91.8 | -12 | S | 4 | c/r | 46 | 44 | 6 | 5 | 2 | - | 8 | 5 | 8 | 11 | 25 | 2 | ccmoiroc | cirmdrom | 47 | * | 2 |
| Ashbourne | 96.1 | -26 | SSE | 3 | c/r | 44 | 44 | 4 | 5 | 2 | - | 8 | 5 | 8 | 4 | 15 | 1 | cirroff | crromrrrm | 45 | * | 5 |
| Snaith | 95.9 | -34 | S'W | 4 | c/r | 45 | 44 | 5 | 6 | 2 | - | 8 | 5 | 8 | 15 | 25 | 1 | clobmoz | zorm | 47 | 0.0 | 0.6 |
| Spurn Head | 98.1 | -38 | SSE | 4 | d.d. | 41 | 40 | 5 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | cm. | ododm | 44 | 0.0 | 1 |
| Leeming | 94.5 | -30 | SE | 3 | r.r. | 43 | 41 | 4 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | cmocidom | crrm | 45 | 0.0 | 1 |
| Tynemouth | 94.9 | -34 | SSE | 4 | ir. | 43 | 41 | 5 | - | 2 | - | 8 | 8 | - | 16 | - | 1 | corormo | oirm | 45 | * | 0.2 |
| Acklington | 93.6 | -38 | SE'S | 3 | r.r. | 42 | 40 | 4 | 5 | 2 | - | 8 | 6 | 8 | 10 | 25 | 1 | cfm.ir | cmrrm | 43 | * | 2 |
| St. Abb's Head | 91.7 | -24 | SSE | 3 | ir. | 40 | 40 | 5 | 5 | - | - | 8 | 8 | - | 20 | - | 1 | bcc | ccmrr | 43 | * | 0.2 |
| Leuchars | 91.7 | -30 | ESE | 2 | ir. | 40 | 40 | 5 | 5 | 2 | - | 8 | 4 | 8 | 10 | 25 | 1 | ccm. | cirr | 43 | 0.0 | 0.4 |
| Montrose | 92.8 | -30 | SSE | 4 | r.r. | 41 | 41 | 3 | 5 | - | - | 8 | 8 | - | 5 | - | 1 | ccm. | cmrrf | 42 | 1.1 | 2 |
| Abbotsinch | 89.8 | -26 | SSE | 4 | c | 46 | 43 | 6 | 5 | - | - | 8 | 8 | - | 12 | - | 1 | cmocirom | cirm | 46 | 0.0 | 2 |
| Prestwick | 89.8 | -22 | SSE | 4 | c/r | 46 | 42 | 6 | 5 | 7 | - | 7 | 4 | 5 | 15 | 25 | 1 | cmoid | cmir | 47 | * | 13 |
| West Freugh | 90.3 | -14 | SW | 3 | PR | 45 | 45 | 6 | 3 | 4 | - | 6 | 4 | 4 | 9 | - | 1 | crocdd | odrridcpr | 47 | * | 4 |
| Eskdalemuir | 89.9 | -38 | SE | 3 | rr | 41 | 41 | 5 | 6 | 2 | - | 8 | 4 | 8 | 5 | 8 | 1 | comcrrmm | crrorormo | 43 | 0.0 | 6 |
| Jurby, I. of Man | 91.8 | -14 | SW | 5 | r.r. | 45 | 45 | 5 | 5 | - | - | 8 | 5 | 8 | 18 | 25 | 2 | cromcdom | cr | 47 | * | 3 |
| Machrihanish | 88.0 | -16 | S | 3 | r | 47 | 44 | 6 | 8 | 7 | - | 6 | 3 | 5 | 10 | 15 | 0 | cbccrr | irddz | 46 | * | 3 |
| Tiree | 85.5 | -18 | S'W | 4 | c-bc/r | 45 | 44 | 7 | 5 | 7 | - | 5 | 4 | 5 | 20 | - | 1 | cbccir | cirmc | 46 | 0.0 | 0.3 |
| Oban | 88.2 | -24 | ESE | 3 | r.r. | 44 | 42 | 6 | 5 | - | - | 8 | 5 | 8 | 10 | 25 | 1 | cir | morordodc | 45 | * | * |
| Stornoway | 86.2 | -22 | ESE | 4 | c/d | 43 | 39 | 8 | 5 | 7 | - | 8 | 4 | 6 | 18 | 25 | 1 | ccirc | ccid | 45 | 0.5 | 6 |
| Cape Wrath | | | | | | | | | | | | | | | | | 1 | c | | | | |
| Dalwhinnie | 89.0 | -18 | SSE | 4 | id | 36 | 34 | 6 | 8 | 7 | - | 8 | 6 | 2 | 19 | 72 | 4 | o | cid | 39 | 0.0 | 0.5 |
| Aberdeen | 92.8 | -26 | S | 3 | r.r. | 41 | 39 | 3 | 6 | 2 | - | 8 | 6 | 8 | 8 | 25 | 4 | bccm | cmorrf | 42 | 0.4 | 1 |
| Fraserburgh | 92.6 | -26 | S | 4 | ir. | 40 | 39 | 6 | 5 | 7 | - | 7 | 4 | 7 | 20 | 25 | 1 | bc | cmocirorm | 44 | * | 0.6 |
| Alness | 89.9 | -32 | S | 3 | ir. | 42 | 38 | 7 | 5 | 7 | - | 8 | 4 | 8 | 40 | - | 1 | c | ccirr | 44 | * | 0.2 |
| Wick | 90.9 | -34 | S'E | 4 | c/r | 41 | 36 | 7 | - | 7 | 6 | 8 | 5 | 8 | - | - | 1 | bcc | bccirc | 45 | * | Tr |
| Hatston | 90.8 | -26 | SE'S | 4 | c | 41 | 39 | 7 | - | 4 | 6 | 6 | 5 | 5 | - | - | 1 | prc | bcc | 43 | | 0.4 |
| Sumburgh | 93.1 | -10 | SSW | 2 | c | 41 | 38 | 8 | 5 | 7 | 6 | 7 | 4 | 5 | 30 | - | 1 | c | cpr | 44 | 1.5 | Tr |
| Sullom Voe | 92.0 | +2 | S'E | 4 | c | 40 | 36 | 7 | 5 | 3 | - | 7 | 4 | 7 | 15 | - | 1 | bcprc | cprc | 45 | 0.8 | 1 |
| Blacksod Point | 87.3 | +14 | WSW | 7 | c/pr | 45 | 41 | 6 | 9 | - | - | 8 | 8 | - | 8 | - | 2 | c | pr | 50 | | 6 |
| Malin Head | 85.6 | +2 | S | 5 | bc/pr | 45 | 41 | 8 | 8 | - | - | 4 | 4 | - | 15 | - | 2 | r | bc | 49 | 0.1 | 1 |
| Aldergrove | 89.1 | +6 | SSW | 4 | bc | 44 | 39 | 7 | 8 | 4 | 3 | 4 | 3 | 3 | 25 | - | 1 | crorc | irmoiR | 48 | 0.7 | 1 |
| Cas. Archdale | 90.0 | +20 | SSW | 5 | bc | 43 | 36 | 8 | 5 | - | - | 4 | 4 | 4 | 15 | 25 | 1 | crr | crcirc | 49 | * | 3 |
| Birr Castle | 93.1 | +14 | WSW | 3 | c | 43 | 39 | 7 | 8 | 7 | - | 6 | 5 | - | 15 | - | 1 | pr | pr | 51 | 0.0 | 2 |
| Collinstown | 92.8 | +12 | SW'W | 4 | c-bc/pr | 43 | 39 | 8 | 8 | 6 | 3 | 5 | 4 | - | 23 | - | 1 | c | pr | 52 | 1.7 | 1 |
| Foynes | 95.0 | +22 | W'N | 5 | bc/pr | 45 | 38 | 8 | 3 | - | - | 4 | 4 | - | 22 | - | 1 | pr | pr | 51 | 0.7 | 3 |
| Valentia | 98.7 | +42 | W | 7 | phr | 42 | 38 | 8 | 9 | 7 | - | 8 | 7 | - | 23 | - | 1 | pr | pr | 51 | 0.7 | 3 |
| Roches Point | 98.0 | +34 | W | 5 | c-bc/pr | 44 | 40 | 8 | 3 | 7 | - | 5 | 4 | - | 15 | - | 1 | pr | pr | 50 | | 2 |

* Information not usually received.

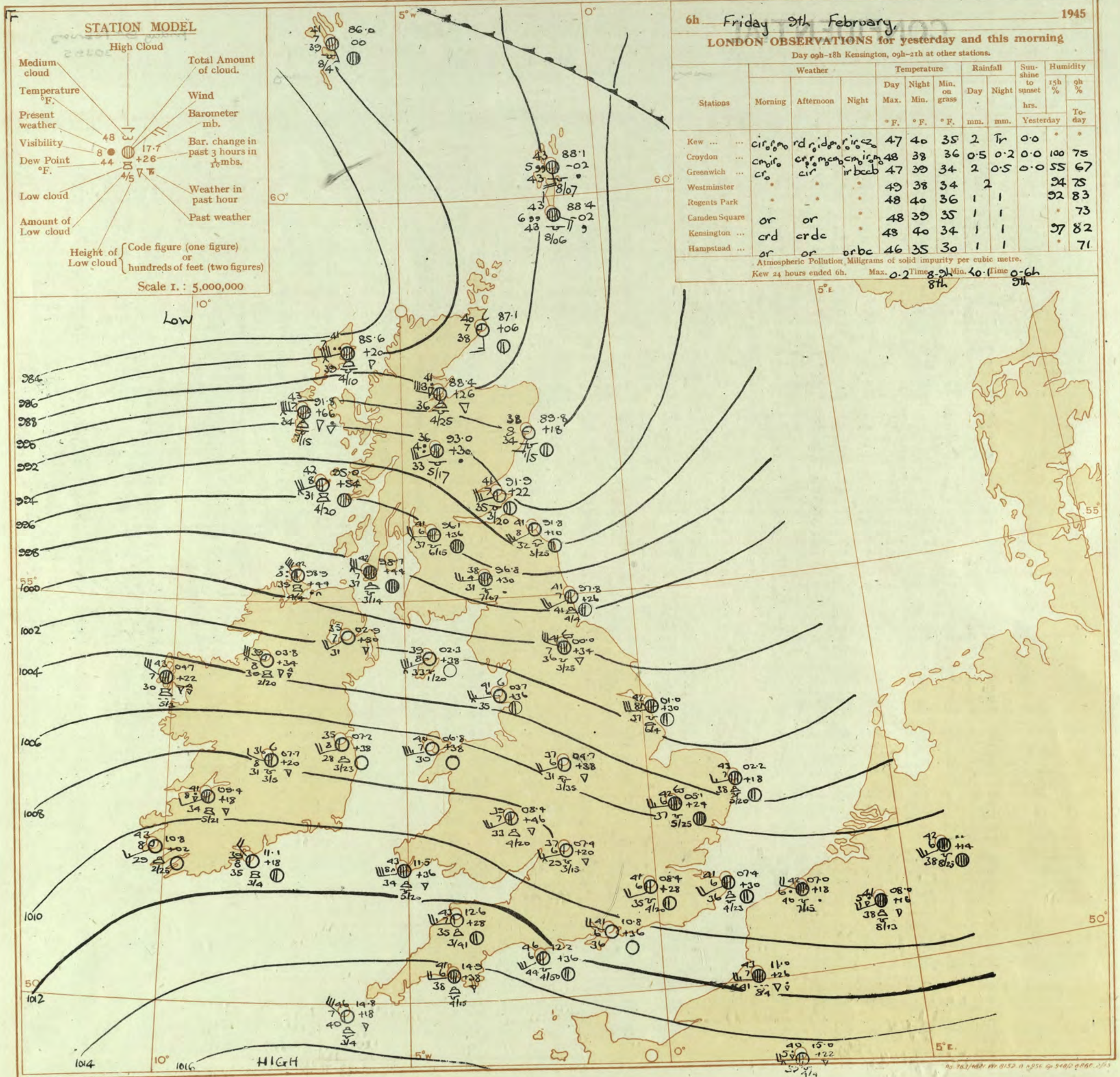
Columns 13, 14, 15; 16, 29, 30, 31, 32
A = Lowest cloud present.
B = Next lowest cloud.

‡ See footnote p. 4.

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.

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




6h Friday 9th February, 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | cir₀ r₀ m₀ | rd r₀ id₀ s₀ | r i r c₀ | 47 | 40 | 35 | 2 | Tr | 0·0 | * | * |
| Croydon ... | cm₀ ir₀ | cr r₀ m₀ cm₀ | cm₀ ir₀ m₀ | 48 | 38 | 36 | 0·5 | 0·2 | 0·0 | 100 | 75 |
| Greenwich ... | cr₀ | cir | ir bccb | 47 | 39 | 34 | 2 | 0·5 | 0·0 | 55 | 67 |
| Westminster | * | * | * | 49 | 38 | 34 | 2 | | | 94 | 75 |
| Regents Park | * | * | * | 48 | 40 | 36 | 1 | 1 | | 92 | 83 |
| Camden Square | or | or | * | 48 | 39 | 35 | 1 | 1 | | * | 73 |
| Kensington ... | crd | crdc | * | 48 | 40 | 34 | 1 | 1 | | 97 | 82 |
| Hampstead ... | or | or | orbc | 46 | 35 | 30 | 1 | 1 | | * | 71 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 0·2 Time 8-9h 8th Min. 40· Time 0-6h 9th

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

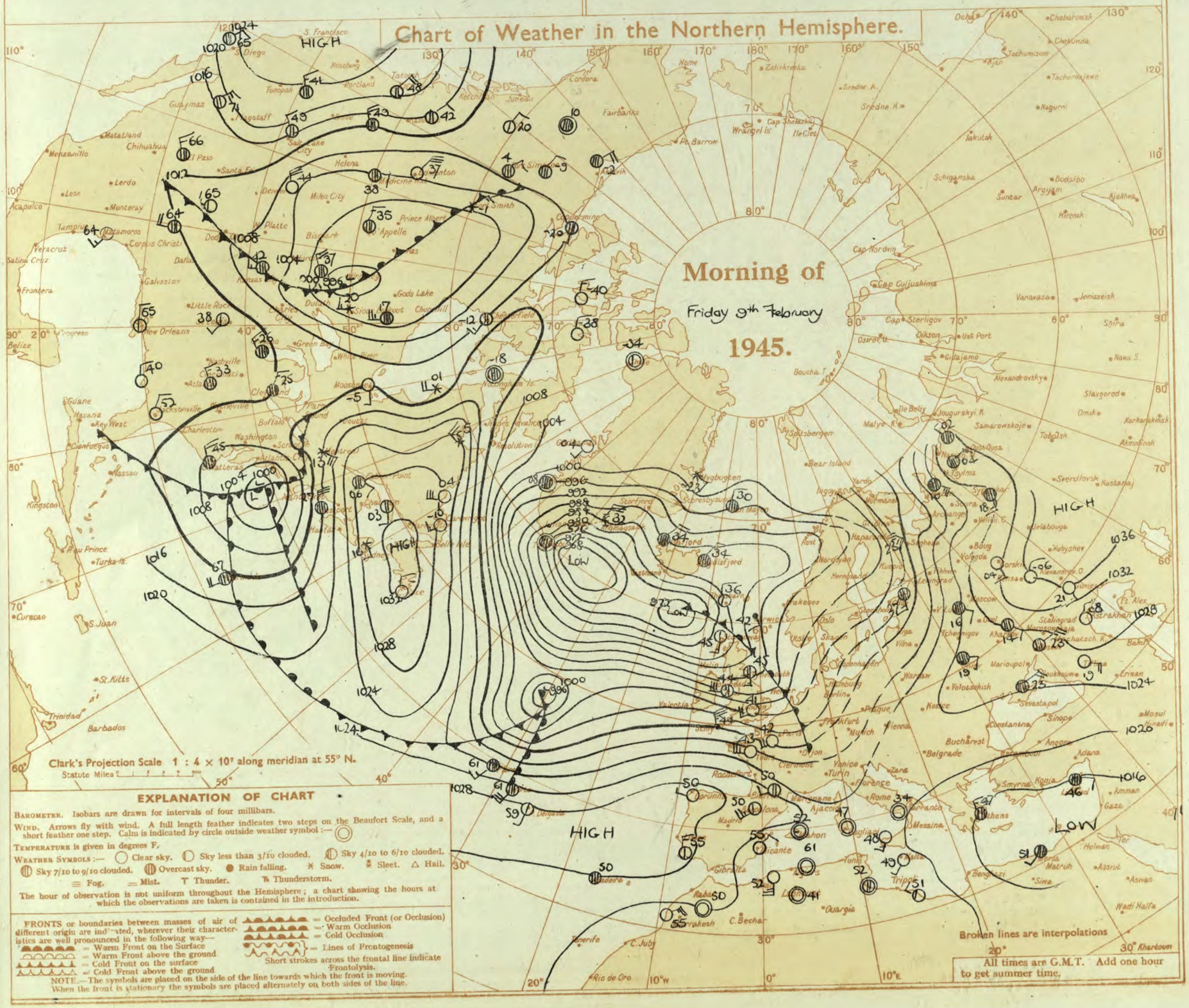
## GENERAL INFERENCE

Another deep depression will move Northeast from West of Ireland near our Northwest coasts, with gales in most districts severe locally in the West and North. A belt of rain will move East across Great Britain in the evening and night, followed by showery conditions with bright intervals chiefly in the East; snow will fall tomorrow on high ground in the North including the Welsh hills.

## FURTHER OUTLOOK

A fair interval except for showers in the West. Rain spreading East late on Sunday.

Gale warning in operation in districts 6, 7, 8, 12, 17 & 18 issued at 0515 GMT. on 6th. 13A & 13B issued at 1225 GMT on the 6th 4 & 5 issued at 0930 GMT on the 9th.



Page 1

BRITISH SECTION

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

Friday 9th February 1945

No. 30385

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

| 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 | | * | * | * | * | 42 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 03·2 | +14 | WSW | 4 | $7_0$ | 41 | 36 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Boscombe Down | 417 | 04·1 | +18 | WSW | 3 | pr | 40 | 38 | 6 | 3 | - | - | 8 | 8 | - | 15 | - |
| | Thorney Island | 10 | 01·6 | +16 | S'W | 5 | $7_0$ | 42 | 39 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 04·2 | +18 | WSW | 4 | $7_0$ | 40 | 37 | 6 | 5 | - | - | 2 | 2 | - | 12 | - |
| | Manston ... | 140 | 02·9 | +12 | SW | 3 | b/d | 42 | 38 | 6 | - | - | - | 0 | 0 | - | - | - |
| 2 | North Weald | 244 | 01·9 | +14 | SW | 5 | $7_0$ | 41 | 37 | 6 | 5 | - | - | 4 | 4 | - | 19 | - |
| | Felixstowe ... | 10 | 00·7 | +14 | S'W | 5 | $7_0$ | 43 | 38 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Gorleston ... | 5 | 00·0 | +18 | S'W | 3 | b-bc | 44 | 36 | 7 | 5 | - | - | 3 | 3 | - | 15 | - |
| | Mildenhall | 15 | 99·5 | +12 | WSW | 5 | $7_0$ | 41 | 40 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Bircham Newton | 221 | 98·3 | +22 | WSW | 4 | $7_0$ | 41 | 38 | 6 | 5 | - | - | 3 | 3 | - | 40 | - |
| | Cranwell ... | 203 | 98·2 | +22 | SW'W | 5 | $7_0$ | 41 | 38 | 6 | - | - | - | 0 | 0 | - | - | - |
| 3 | Cranfield ... | 340 | 00·8 | +14 | SW | 5 | $i r_0$ | 41 | 37 | 6 | 5 | - | - | 8 | 8 | - | 33 | - |
| | Honiley ... | 427 | 99·7 | +20 | WSW | 5 | pr | 41 | 38 | 6 | 8 | - | - | 8 | 8 | - | 24 | - |
| 4 | Little Rissington | 731 | 00·4 | +12 | WSW | 4 | $7_0$ | 39 | 37 | 6 | 5 | - | - | 3 | 3 | - | 15 | - |
| | Shobden ... | 318 | 01·0 | +22 | WSW | 5 | bc | 43 | 37 | 7 | 8 | - | - | 4 | 4 | - | 20 | - |
| 5 | Bristol ... | 209 | 03·1 | +16 | SW | 5 | $7_0$ | 42 | 38 | 6 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Chivenor ... | 20 | 05·6 | +32 | W | 6 | c-bc | 44 | 39 | 7 | 8 | - | - | 5 | 5 | - | 25 | - |
| | Yeovilton | 50 | 04·0 | +26 | WSW | 4 | $7_0$ | 42 | 38 | 6 | 2 | - | - | 4 | 4 | - | 18 | - |
| | Portland Bill | 32 | 06·1 | +28 | SW | 6 | c | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter ... | 100 | 05·5 | +24 | WNW | 6 | b | 42 | 34 | 6 | 3 | - | - | 2 | 2 | - | 20 | - |
| | Plymouth ... | 86 | 08·1 | +34 | W'N | 5 | pr | 42 | 34 | 7 | 8 | - | - | 4 | 3 | 3 | 15 | 25 |
| | St. Eval ... | 345 | 08·5 | +32 | WNW | 6 | b-bc/pr | 42 | 35 | 8 | 8 | - | - | 3 | 3 | - | 30 | - |
| | The Lizard | 240 | 08·5 | +20 | WNW | 8 | b-bc/pr | 44 | 37 | 6 | 2 | - | - | 3 | 3 | - | 20 | - |
| | Scilly, St. Marys | 163 | 09·3 | +36 | NW'W | 7 | pr | 44 | 42 | 7 | 8 | - | - | 2 | 2 | - | 15 | - |
| 6 | Fairwood ... | 268 | 04·1 | +34 | W | 6 | $7_0$ | 42 | 38 | 6 | 8 | - | - | 5 | 3 | 4 | 15 | 40 |
| | Pembroke ... | 142 | 03·6 | +40 | W'S | 7 | c-bc | 43 | 36 | 8 | 8 | - | - | 5 | 5 | - | 20 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 00·4 | +32 | WSW | 5 | $7_0$ | 43 | 38 | 6 | 2 | - | - | 5 | 5 | - | 25 | - |
| | Holyhead, Valley | 32 | 98·9 | +30 | W | 6 | bc | 44 | 36 | 7 | 2 | - | - | 4 | 4 | - | 30 | - |
| | Hawarden | 15 | 98·6 | +26 | W | 3 | c | 44 | 38 | 7 | 8 | - | - | 7 | 7 | - | 20 | - |
| 8 | Manchester | 230 | 97·6 | +22 | WSW | 4 | $7_0$ | 41 | 39 | 6 | 9 | - | - | 8 | 4 | 8 | 20 | 25 |
| | Squires Gate | 30 | 96·8 | +18 | W'S | 5 | $7_0$ | 43 | 39 | 6 | 8 | 1 | - | 8 | 5 | 8 | 20 | - |
| | Silloth ... | 25 | 93·3 | +16 | SW | 5 | pr | 42 | 39 | 7 | 8 | - | - | 5 | 5 | - | 25 | - |
| 9 | Ashbourne ... | 590 | 98·4 | +8 | WSW | 4 | $i r_0$ | 40 | 38 | 6 | 5 | - | - | 8 | 8 | - | 19 | - |
| | Snaith ... | 30 | 96·4 | +14 | WSW | 4 | $7_0$ | 43 | 38 | 6 | 5 | - | - | 4 | 4 | - | 40 | - |
| 10 | Spurn Head | 29 | 96·2 | +6 | SW | 4 | bc | 44 | 44 | 7 | 7 | - | - | 4 | 4 | - | 15 | - |
| | Leeming | 105 | 94·3 | +8 | W | 4 | c | 41 | 37 | 7 | 5 | - | - | 8 | 8 | - | 27 | - |
| | Tynemouth | 108 | 92·2 | -4 | S | 3 | $7_0$ | 45 | 38 | 6 | 2 | - | - | 4 | 4 | - | 15 | - |
| | Acklington | 138 | 92·1 | +8 | SW'W | 4 | c | 43 | 39 | 6 | 5 | - | - | 7 | 7 | - | 30 | - |
| 11 | St. Abb's Head | 280 | 90·6 | +10 | SSW | 3 | b-bc | 42 | 39 | 7 | 4 | - | - | 3 | 3 | - | 25 | - |
| | Leuchars ... | 31 | 88·5 | +2 | SW | 4 | c | 43 | 40 | 7 | 5 | 3 | - | 8 | 4 | 5 | 27 | - |
| | Montrose ... | 22 | 89·6 | -10 | SW | 1 | c/r | 42 | 41 | 6 | 5 | 2 | - | 8 | 4 | 8 | 6 | 15 |
| 12 | Abbotsinch | 19 | 90·2 | +10 | SSW | 2 | $7_0$ | 44 | 43 | 6 | 5 | - | - | 8 | 8 | 7 | 20 | - |
| | Prestwick ... | 30 | 91·5 | +14 | SW | 4 | $i d_0$ | 45 | 39 | 6 | 5 | - | - | 8 | 4 | 7 | 19 | 25 |
| | West Freugh | 53 | 92·6 | +18 | WSW | 7 | bc | 43 | 38 | 7 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 94·9 | +24 | SW'W | 6 | c | 44 | 39 | 7 | 8 | - | - | 8 | 8 | - | 30 | - |
| 13A | Machrihanish | 35 | 90·8 | +20 | WSW | 6 | $r_0 r_0$ | 43 | 38 | 7 | 5 | - | - | 8 | 3 | 8 | 14 | 15 |
| | Tiree ... | 44 | 82·4 | -22 | WSW | 5 | bc | 43 | 42 | 8 | 8 | - | - | 4 | 4 | - | 20 | - |
| | Oban ... | 74 | 83·0 | -2 | SSW | 3 | pr | 43 | 41 | 7 | 8 | - | - | 7 | 7 | - | 20 | - |
| 13B | Stornoway ... | 12 | 83·8 | -8 | S | 4 | b-bc | 45 | 41 | 7 | 8 | - | - | 3 | 3 | - | 30 | - |
| | Cape Wrath | 367 | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen ... | 79 | | | | | | 40 | | | | | | | | | | |
| | Fraserburgh | 76 | 88·8 | -16 | S | 4 | $i r_0$ | 42 | 42 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Alness ... | 63 | 86·6 | -10 | - | 0 | c-bc | 36 | 35 | 7 | 5 | - | - | 3 | 3 | - | 25 | - |
| | Wick ... | 114 | 87·1 | -12 | SSE | 4 | bc | 41 | 39 | 7 | 5 | - | - | 4 | 4 | - | 20 | - |
| 16 | Hatston ... | 45 | 87·3 | -14 | S | 4 | $7_0$ | 41 | 40 | 6 | 5 | 7 | - | 9 | 5 | 3 | 10 | - |
| | Sumburgh ... | 15 | 89·3 | -16 | SE'S | 4 | $i r_0$ | 43 | 41 | 7 | 5 | - | - | 8 | 5 | 8 | 9 | 15 |
| | Sullom Voe | 12 | 89·8 | -18 | SSE | 2 | $r_0 r_0$ | 42 | 39 | 6 | 5 | - | - | 8 | 8 | - | 20 | - |
| 17 | Blacksod Point † | 18 | 98·7 | +54 | WNW | 8 | bc | 41 | 37 | 7 | 3 | - | - | 4 | 4 | - | 8 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 94·8 | +42 | SW'W | 5 | pr | 41 | 36 | 7 | 8 | - | - | 8 | 8 | - | 22 | - |
| | Cas. Archdale | 240 | 96·1 | +46 | W | 7 | pr | 43 | 36 | 8 | 3 | - | - | 4 | 4 | - | 15 | - |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 99·2 | +46 | W'S | 5 | b | 40 | 33 | 8 | - | - | - | 0 | 0 | - | - | - |
| 20 | Foynes ... † | 3 | 04·5 | +52 | WNW | 7 | PHR | 39 | 32 | 7 | 3 | - | - | 7 | 7 | - | 26 | - |
| | Valentia ... † | 30 | 07·4 | +38 | N | 6 | bc | 45 | 38 | 8 | 3 | - | - | 4 | 4 | - | 25 | - |
| | Roches Point † | 22 | 06·2 | +46 | NW | 5 | b | 41 | 37 | 8 | 3 | - | - | 2 | 2 | - | 15 | - |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

| 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) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 08·5 | -34 | W | 4 | $7_0$ | 42 | 33 | 6 | 5 | - | - | 6 | 6 | - | 11 | - | 1 |
| | Croydon ... | 08·4 | +28 | W'S | 4 | $7_0$ | 41 | 35 | 6 | 5 | - | - | 4 | 4 | - | 20 | - | 1 |
| | Boscombe Down | 10·1 | +36 | W'N | 5 | b | 40 | 32 | 7 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| | Thorney Island | 10·8 | +36 | W'N | 4 | $7_0$ | 41 | 36 | 6 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| | Friston ... | | | | | | | | | | | | | | | | | |
| | Lympne ... | 07·4 | +14 | W | 2 | $7_0$ | 38 | 36 | 5 | 4 | - | - | 4 | 4 | - | 20 | - | 1 |
| | Manston ... | 07·4 | +30 | WSW | 4 | $7_0$ | 41 | 36 | 6 | 8 | - | - | 5 | 4 | 5 | 33 | 40 | 1 |
| 2 | North Weald | 07·3 | +34 | W'S | 4 | $7_0$ | 40 | 35 | 5 | 5 | - | - | 4 | 4 | - | 40 | - | 1 |
| | Felixstowe ... | 05·4 | +30 | WSW | 5 | $7_0$ | 42 | 38 | 6 | 5 | - | - | 2 | 2 | - | 26 | - | 0 |
| | Gorleston ... | 02·2 | +18 | W | 3 | c-bc | 43 | 38 | 7 | 8 | - | - | 5 | 5 | - | 20 | - | 1 |
| | Mildenhall | 05·4 | +24 | W | 5 | $7_0$ | 42 | 37 | 6 | 5 | 7 | - | 7 | 5 | 7 | 25 | - | 1 |
| | Bircham Newton | 03·7 | +34 | WSW | 5 | $7_0$ | 41 | 37 | 6 | 5 | - | - | 6 | 6 | - | 38 | - | 1 |
| | Cranwell ... | 03·6 | +34 | WSW | 6 | $7_0$ | 41 | 35 | 6 | 5 | - | - | 4 | 4 | - | 20 | - | 1 |
| 3 | Cranfield ... | 06·6 | +34 | WSW | 4 | $7_0$ | 41 | 34 | 6 | 4 | - | - | 2 | 2 | - | 30 | - | 1 |
| | Honiley ... | 06·5 | +36 | W | 5 | $7_0$ | 38 | 32 | 6 | - | 4 | - | 3 | 3 | - | - | - | 1 |
| 4 | Little Rissington | 07·4 | +20 | W | 3 | $7_0$ | 37 | 29 | 6 | 5 | - | - | 3 | 3 | - | 15 | - | 1 |
| | Shobden ... | 08·4 | +46 | WSW | 5 | bc | 39 | 33 | 7 | 2 | - | - | 4 | 4 | - | 20 | - | 1 |
| 5 | Bristol ... | 10·9 | +42 | WSW | 4 | $7_0$ | 39 | 33 | 5 | 5 | - | - | 3 | 3 | - | 20 | - | 1 |
| | Chivenor ... | 12·6 | +28 | W'N | 5 | b-bc | 43 | 35 | 7 | 2 | - | - | 3 | 3 | - | 41 | - | 1 |
| | Yeovilton | 11·0 | +32 | W'N | 4 | b | 41 | 34 | 7 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| | Portland Bill | 12·2 | +36 | SW | 1 | bc | 46 | 44 | 7 | 5 | - | - | 4 | 4 | - | 50 | - | 1 |
| | Exeter ... | 12·3 | +30 | WNW | 5 | b | 42 | 32 | 7 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| | Plymouth ... | 14·9 | +38 | W | 4 | c-bc/pr | 41 | 38 | 6 | 8 | - | - | 5 | 4 | 3 | 15 | 25 | 1 |
| | St. Eval ... | 14·3 | +22 | NW | 4 | bc | 43 | 37 | 8 | 8 | - | - | 4 | 4 | - | 30 | - | 1 |
| | The Lizard | 14·5 | +14 | WNW | 6 | bc/pr | 44 | 39 | 6 | 2 | - | - | 4 | 4 | - | 20 | - | 1 |
| | Scilly, St. Marys | 14·8 | +18 | NW'W | 6 | b-bc | 46 | 40 | 7 | 8 | - | - | 3 | 3 | - | 15 | - | 1 |
| 6 | Fairwood ... | 11·6 | +30 | W'N | 5 | $7_0$ | 40 | 35 | 6 | 8 | - | - | 4 | 2 | 4 | 20 | 40 | 1 |
| | Pembroke ... | 11·5 | +26 | W | 6 | c-bc | 43 | 34 | 8 | 8 | - | - | 5 | 5 | - | 20 | - | 1 |
| | Aberporth ... | 10·1 | +24 | W'N | 5 | c | 40 | 33 | 8 | 2 | - | - | 6 | 6 | - | 25 | - | 1 |
| 7 | Penrhos ... | 07·6 | -36 | WSW | 5 | $7_0$ | 40 | 33 | 6 | 2 | - | - | 4 | 4 | - | 25 | - | 0 |
| | Holyhead, Valley | 06·8 | +38 | W | 7 | b | 40 | 30 | 7 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| | Hawarden | 05·6 | +10 | WNW | 5 | b | 40 | 31 | 8 | 5 | - | - | 1 | 1 | - | 25 | - | 1 |
| 8 | Manchester | 04·1 | +38 | W'S | 4 | $7_0$ | 39 | 30 | 6 | 4 | - | - | 3 | 3 | - | 25 | - | 1 |
| | Squires Gate | 03·7 | +36 | W | 5 | $7_0$ | 41 | 35 | 6 | - | 4 | - | 1 | 1 | 1 | - | - | 1 |
| | Silloth ... | 99·6 | +34 | WSW | 0 | bc | 41 | 36 | 7 | 8 | - | - | 4 | 4 | - | 25 | - | 1 |
| 9 | Ashbourne ... | 04·7 | +38 | WSW | 4 | $7_0$ | 37 | 31 | 6 | 4 | - | - | 3 | 3 | - | 35 | - | 1 |
| | Snaith ... | 02·6 | +38 | W'S | 6 | $7_0$ | 40 | 34 | 6 | 4 | - | - | 3 | 3 | - | 30 | - | 1 |
| 10 | Spurn Head | 01·0 | +30 | W | 6 | c | 42 | 37 | 7 | 7 | - | - | 6 | 6 | - | 15 | - | 0 |
| | Leeming | 00·0 | +34 | WNW | 6 | c-bc | 41 | 36 | 7 | 5 | 7 | - | 5 | 3 | 4 | 25 | - | 1 |
| | Tynemouth | 97·8 | +26 | WSW | 5 | bc | 41 | 41 | 7 | 2 | - | - | 4 | 4 | - | 15 | - | 1 |
| | Acklington | 95·5 | +18 | WSW | 6 | c-bc | 40 | 34 | 6 | 5 | 1 | - | 5 | 3 | 5 | 20 | - | 0 |
| 11 | St. Abb's Head | 91·8 | +10 | SW | 5 | b-bc | 41 | 32 | 8 | 4 | - | - | 3 | 3 | - | 25 | - | 0 |
| | Leuchars ... | 91·9 | +22 | WSW | 5 | b-bc | 41 | 35 | 7 | 5 | - | - | 3 | 3 | - | 20 | - | 1 |
| | Montrose ... | 91·4 | +16 | SW | 3 | b | 39 | 35 | 8 | 5 | - | - | 2 | 2 | - | 30 | - | 1 |
| 12 | Abbotsinch | 96·1 | +36 | W | 4 | $7_0$ | 41 | 37 | 6 | 5 | - | - | 6 | 6 | - | 15 | - | 1 |
| | Prestwick ... | 97·8 | +34 | W | 5 | $pr_0$ | 43 | 34 | 8 | 8 | - | - | 8 | 3 | 8 | 22 | 40 | 1 |
| | West Freugh | 00·5 | +38 | WNW | 6 | bc | 40 | 32 | 7 | 8 | - | - | 4 | 4 | - | 25 | - | 0 |
| | Eskdalemuir | 96·8 | +30 | W | 5 | c | 38 | 31 | 4 | 5 | - | - | 7 | 7 | - | 7 | - | 1 |
| | Jurby, I. of Man | 02·3 | +38 | WSW | 7 | b | 39 | 33 | 8 | 5 | - | - | 1 | 1 | - | 20 | - | 1 |
| 13A | Machrihanish | 98·7 | +44 | WNW | 6 | c | 42 | 37 | 7 | 8 | - | - | 8 | 3 | 8 | 14 | 25 | 1 |
| | Tiree ... | 95·6 | +54 | W'N | 6 | bc | 42 | 31 | 8 | 3 | - | - | 4 | 4 | - | 20 | - | 1 |
| | Oban ... | 96·3 | +54 | WSW | 6 | c/pr | 42 | 35 | 7 | 9 | - | - | 8 | 8 | - | 15 | - | 1 |
| 13B | Stornoway ... | 85·6 | +20 | WSW | 8 | $r_0 r_0$ | 41 | 39 | 7 | 8 | - | - | 8 | 4 | 8 | 10 | 15 | 1 |
| | Cape Wrath | | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 93·0 | +30 | SW | 5 | $i r$ | 36 | 33 | 4 | 5 | - | - | 5 | 5 | - | 17 | - | 1 |
| | Aberdeen ... | 89·8 | +18 | SSW | 2 | b | 38 | 34 | 8 | 5 | - | - | 1 | 1 | - | 25 | - | 4 |
| | Fraserburgh | 89·0 | +10 | S | 3 | $7_0$ | 36 | 34 | 6 | 5 | - | - | 1 | 1 | - | 25 | - | 1 |
| | Alness ... | 88·4 | +26 | W'N | 6 | $pr_0$ | 41 | 36 | 8 | 8 | - | - | 4 | 4 | - | 25 | - | 1 |
| | Wick ... | 87·1 | +6 | S | 3 | b | 40 | 38 | 7 | - | 4 | - | 2 | 1 | - | - | - | 1 |
| 16 | Hatston ... | 86·7 | 0 | S | 3 | $7_0$ | 40 | 39 | 6 | 5 | - | - | 3 | 3 | - | 20 | - | 1 |
| | Sumburgh ... | 88·4 | -2 | ESE | 4 | $d_0 d_0$ | 43 | 43 | 6 | 5 | - | - | 8 | 8 | - | 6 | - | 1 |
| | Sullom Voe | 88·9 | -2 | SSE | 4 | $d_0 d$ | 43 | 43 | 5 | 5 | - | - | 8 | 8 | - | 7 | - | 1 |
| 17 | Blacksod Point † | 94·7 | +22 | WNW | 6 | c-bc/pr | 43 | 29 | 7 | 9 | - | - | 5 | 5 | - | 8 | - | 2 |
| 18 | Malin Head † | 98·9 | +44 | NW'W | 7 | $i r$ | 42 | 38 | 8 | 9 | - | - | 4 | 4 | - | 15 | - | 4 |
| | Aldergrove | 02·9 | +50 | SW'W | 4 | b | 35 | 31 | 7 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| | Cas. Archdale | 03·8 | +34 | WNW | 6 | b/pr | 39 | 30 | 8 | 3 | - | - | 2 | 2 | - | 20 | - | 1 |
| 19 | Birr Castle ... † | 07·7 | +20 | WNW | 1 | bc | 36 | 31 | 8 | 5 | 4 | - | 4 | 3 | - | 25 | - | 1 |
| | Collinstown † | 07·2 | +38 | W'S | 4 | b-bc | 35 | 28 | 8 | 2 | - | - | 3 | 3 | - | 23 | - | 1 |
| 20 | Foynes ... † | 09·4 | +18 | W'S | 2 | pr | 41 | 34 | 8 | 3 | - | - | 5 | 5 | - | 21 | - | 1 |
| | Valentia ... † | 10·8 | +2 | SW'W | 3 | b | 43 | 29 | 8 | 2 | - | - | 2 | 2 | - | 25 | - | 1 |
| | Roches Point † | 11·1 | +18 | NW | 4 | b-bc | 39 | 35 | 8 | 3 | - | - | 3 | 3 | - | 15 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather. 18h.–00h. (39) | Weather. 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Temperature 21h.–09h. Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew ... | $r_0 i r_0$ c b | b c $z_0$ | 40 | 35 | Tr |
| Croydon ... | c $m_0$ $i r d_0$ | c b c $m_0$ | 38 | 36 | 0·2 |
| Boscombe Down | c i b c $p r_0$ b $m_0$ | c $p r_0$ b b c b | 38 | 34 | 0·6 |
| Thorney Island | b c $m_0$ b $m_0$ | b $m_0$ | 39 | 35 | 0·1 |
| Friston ... | | | | | |
| Lympne ... | c r r m b c b $m_0$ | b b c $m_0$ | 37 | 31 | - |
| Manston ... | c r r m c b $r_0$ $m_0$ | b b c $m_0$ | 39 | 37 | 0·1 |
| North Weald | i d $r_0$ $m b m_0$ | b c $m_0$ c $p r_0$ | 38 | 35 | * |
| Felixstowe ... | c $m_0$ b $m_0$ | c $r_0$ $r_0$ b $m_0$ | 40 | 36 | 1 |
| Gorleston ... | b c q | - | 40 | 35 | 0·3 |
| Mildenhall | c $m_0$ b c r b $m_0$ | b $m_0$ c $m_0$ | 38 | 34 | Tr |
| Bircham Newton | c b c $m_0$ | b c c i $r_0$ $m_0$ | 37 | 35 | 0·1 |
| Cranwell ... | c $r_0$ $r_0$ b c $m_0$ | b c $z_0$ b c $m_0$ | 37 | 35 | Tr |
| Cranfield ... | c $r_0$ $i r_0$ $m_0$ | c $p r_0$ $m_0$ | 37 | 33 | - |
| Honiley ... | c $p r_0$ $m_0$ | c $m_0$ $p r_0$ b c b | 37 | 32 | Tr |
| Little Rissington | b c $m_0$ b c $m_0$ | c c $m_0$ b c $m_0$ | 35 | 31 | Tr |
| Shobden ... | c $p r_0$ b c $p r_0$ | c b $p r$ | 37 | 34 | 1 |
| Bristol ... | c R c $m_0$ | c $p_0$ r c b $m_0$ | 37 | 33 | 1 |
| Chivenor ... | c $p r_0$ | c $p r_0$ b | 41 | 37 | 1 |
| Yeovilton | p r b c $z_0$ | c b c p r b c b | 38 | | 0·2 |
| Portland Bill | b c | c b c | 45 | * | - |
| Exeter ... | a b c $p r_0$ | b | 39 | 34 | 1 |
| Plymouth ... | b c $p r_0$ | c $p r_0$ b c $m_0$ | 40 | 32 | 3 |
| St. Eval ... | c $p r_0$ $m_0$ b c | b c | 38 | 37 | 1 |
| The Lizard | c $p m_0$ b c | b c p r q | 40 | * | 3 |
| Scilly, St. Marys | b c b p l | b b c p q b c | 41 | * | 0·4 |
| Fairwood ... | p $r_0$ b c $m_0$ | b z b c $m_0$ | 38 | 33 | Tr |
| Pembroke ... | c q | c p r e q | 41 | * | 3 |
| Aberporth ... | * | c b c c | 38 | 35 | 0·2 |
| Penrhos ... | b c $m_0$ | b c $z_0$ | 39 | 35 | - |
| Holyhead, Valley | b c c | b | 38 | 36 | - |
| Hawarden | a $m_0$ b c | c $p_0$ r c b | 39 | 34 | 0·2 |
| Manchester | c $r_0$ c b c $p r_0$ $m_0$ | c $p r_0$ b c $z_0$ | 38 | 34 | 0·1 |
| Squires Gate | c d $d_0$ c $m_0$ | c $m_0$ b $m_0$ | 39 | 38 | |
| Silloth ... | c $m_0$ c $i r_0$ $d d_0$ | c $p r_0$ b c $m_0$ c | 39 | 35 | - |
| Ashbourne ... | c $m_0$ $i r$ b $m_0$ | c $r_0$ $r_0$ $m_0$ b c | 36 | 31 | 1 |
| Snaith ... | c i $r_0$ $m_0$ | c q | 38 | 36 | Tr |
| Spurn Head | b c | c p $p_0$ $m_0$ $b z_0$ | 34 | * | 1 |
| Leeming | c r $r_0$ m b c c | c b c $r_0$ b c | 39 | 37 | Tr |
| Tynemouth | o b c $m_0$ | b c | 40 | 37 | - |
| Acklington | c $r_0$ $r_0$ $m_0$ c $m_0$ | c $m_0$ b c $m_0$ | 38 | 36 | 0·1 |
| St. Abb's Head | c m i $r_0$ c b c | b | 38 | * | Tr |
| Leuchars ... | c $m_0$ | b c b | 38 | 35 | Tr |
| Montrose ... | o $r_0$ $r_0$ f c $m_0$ | c $m_0$ b c b | 38 | | 1 |
| Abbotsinch | b c $m_0$ | c $p r_0$ | 39 | 32 | 1 |
| Prestwick ... | c b c i $d_0$ | c $r_0$ $r_0$ $p_0$ | 41 | 36 | 1 |
| West Freugh | b b c c b c | c $p r_0$ $m_0$ b c | 38 | 34 | Tr |
| Eskdalemuir | c c r r i $r_0$ $m_0$ | c i r $m_0$ | 35 | 32 | 1 |
| Jurby, I. of Man | c $r_0$ $r_0$ $m_0$ c $z_0$ | c c b c b | 39 | 36 | Tr |
| Machrihanish | b c c r r | r r c | 42 | 37 | 2 |
| Tiree ... | b c $p_0$ b c | c $p r_0$ c b c | 41 | 38 | 2 |
| Oban ... | c $r_0$ c $m_0$ $p r_0$ | c $p r_0$ $r_0$ c | 39 | * | * |
| Stornoway ... | c $r_0$ c i $r_0$ | b b c c $p_0$ $r_0$ $m_0$ | 39 | 38 | 4 |
| Cape Wrath | | | | * | |
| Dalwhinnie | * | o i d, i r c | 37 | 32 | 3 |
| Aberdeen ... | d $o d_0$ i $r_0$ m c | c b c b | 36 | 30 | 0·2 |
| Fraserburgh | c $r_0$ $r_0$ c $m_0$ | c $r_0$ $r_0$ b c $m_0$ | 36 | · | 0·2 |
| Alness ... | c $r_0$ $r_0$ b c b | b b c $p r_0$ | 33 | 26 | 0·3 |
| Wick ... | c c i $r_0$ $m_0$ c b c | b c b | 37 | 32 | 0·1 |
| Hatston ... | c r p r c | b c | 36 | * | 0·4 |
| Sumburgh ... | c i $r_0$ c | i $r_0$ d d $m_0$ | 40 | 39 | Tr |
| Sullom Voe | b c c $r_0$ $r_0$ | c $r_0$ $r_0$ $d_0$ $d_0$ $r_0$ | 38 | 35 | 2 |
| Blacksod Point † | b c | c | 37 | * | 1 |
| Malin Head † | | c | 39 | * | 4 |
| Aldergrove | b c p $r_0$ | c $p r_0$ b c b | 35 | 31 | Tr |
| Cas. Archdale | p r | b r $r_0$ g | 39 | 32 | 5 |
| Birr Castle ... † | * | b | 36 | 33 | 3 |
| Collinstown † | b | b c | 35 | 33 | Tr |
| Foynes ... † | b c | b | 38 | 32 | 1 |
| Valentia ... † | b c | b b c | 39 | 35 | 2 |
| Roches Point † | b c | b c | 39 | * | 0·6 |

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

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 1/5; 5 = 2/5; 6 = 3/10; 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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION **CONFIDENTIAL**

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

Saturday 10th February 1945

No. 30396.

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

| 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 ... | 13·3 | +16 | W | 4 | c-bc | 45 | 31 | 7 | 2 | 7 | 6 | 5 | 4 | 4 | 18 | – |
| | Croydon ... | 13·7 | +14 | W'S | 4 | 2o | 44 | 29 | 6 | 1 | – | 6 | 5 | 4 | 4 | 20 | – |
| | Boscombe Down | 14·7 | +22 | W | 4 | c-bc | 44 | 39 | 7 | 2 | 6 | 3 | 5 | 4 | 3 | 20 | – |
| | Thorney Island | 15·3 | +14 | WSW | 4 | 2o | 46 | 37 | 6 | 1 | – | 6 | 5 | 4 | 5 | 20 | – |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 14·0 | +20 | W | 4 | c-bc | 46 | 33 | 8 | 2 | – | 2 | 5 | 4 | 5 | 25 | – |
| | Manston ... | 13·4 | +30 | W | 4 | bc | 44 | 33 | 7 | 1 | 7 | – | 4 | 3 | 3 | 25 | – |
| 2 | North Weald | 13·0 | +16 | WSW | 5 | c-bc | 43 | 29 | 7 | 1 | – | 6 | 5 | 3 | 4 | 30 | – |
| | Felixstowe ... | 11·4 | +22 | W | 5 | bc | 45 | 36 | 7 | – | – | – | 4 | 4 | – | 25 | – |
| | Gorleston ... | 08·6 | +24 | WNW | 5 | b-bc | 45 | 43 | 8 | – | 4 | – | 3 | 3 | – | 80 | – |
| | Mildenhall | 10·8 | +22 | W | 5 | c | 44 | 34 | 7 | 2 | 4 | – | 6 | 5 | 3 | 25 | – |
| | Bircham Newton | 09·3 | +24 | W | 6 | b-bc | 42 | 33 | 8 | 2 | 4 | – | 3 | 2 | 2 | 30 | – |
| | Cranwell ... | 09·7 | +22 | WSW | 5 | 2o | 43 | 34 | 6 | 8 | 6 | 6 | 5 | 3 | 4 | 25 | 40 |
| 3 | Cranfield ... | 11·7 | +16 | W | 4 | bc | 43 | 30 | 8 | – | – | 6 | 4 | 4 | – | 200 | – |
| | Honiley ... | 11·4 | +16 | WSW | 4 | c | 44 | 32 | 7 | 5 | – | 2 | 6 | 3 | 6 | 20 | – |
| 4 | Little Rissington | 12·7 | +18 | W | 5 | bc | 43 | 30 | 8 | 1 | – | 2 | 4 | 4 | 2 | 25 | – |
| | Shobden ... | 12·3 | +10 | SW | 4 | c-bc | 43 | 34 | 8 | 2 | – | 2 | 5 | 5 | – | 25 | – |
| 5 | Bristol ... | 14·5 | +16 | WSW | 4 | bc | 45 | 33 | 7 | 2 | 7 | 6 | 4 | 3 | 3 | 30 | – |
| | Chivenor ... | 14·3 | −2 | WSW | 4 | bc | 48 | 36 | 8 | 2 | 7 | 2 | 4 | 1 | 3 | 20 | – |
| | Yeovilton | 14·7 | +12 | WSW | 3 | c-bc | 46 | 36 | 7 | 1 | 3 | 5 | 5 | 2 | 5 | 30 | – |
| | Portland Bill | 16·2 | +18 | SW | 5 | c | 48 | 46 | 8 | 2 | 4 | – | 6 | 4 | 6 | 50 | 72 |
| | Exeter ... | 15·3 | +6 | W | 4 | bc | 48 | 38 | 7 | 8 | 6 | – | 4 | 3 | 4 | 20 | 40 |
| | Plymouth ... | 15·8 | +6 | W | 4 | c-bc | 47 | 40 | 8 | 2 | 6 | 2 | 5 | 4 | 5 | 25 | – |
| | St. Eval ... | 15·4 | −6 | WSW | 4 | c | 48 | 41 | 7 | 2 | 7 | 6 | 6 | 3 | 3 | 20 | – |
| | The Lizard | 16·3 | +2 | WSW | 5 | c | 47 | 45 | 7 | 5 | – | – | 7 | 7 | – | 20 | – |
| | Scilly, St. Marys | 14·7 | −18 | SW | 5 | c | 48 | 46 | 7 | 8 | 2 | – | 8 | 4 | 4 | 15 | 57 |
| 6 | Fairwood ... | 13·1 | −2 | W | 4 | bc | 46 | 34 | 7 | 1 | 3 | 5 | 4 | 1 | 4 | 20 | – |
| | Pembroke ... | 12·8 | −8 | SW | 4 | c | 46 | 36 | 8 | 8 | – | – | 4 | 4 | – | 20 | – |
| | Aberporth ... | 12·0 | +4 | WSW | 4 | c-bc | 45 | 33 | 7 | 1 | 5 | 8 | 5 | 1 | 4 | 25 | – |
| 7 | Penrhos ... | 10·5 | −2 | SW | 4 | c-bc | 45 | 35 | 8 | 2 | 7 | 2 | 5 | 1 | 3 | 30 | – |
| | Holyhead, Valley | 09·8 | 0 | WSW | 5 | c-bc | 44 | 34 | 8 | – | 3 | 6 | 5 | 3 | 5 | – | – |
| | Hawarden ... | 09·7 | +18 | WNW | 4 | b-bc | 47 | 30 | 8 | 5 | – | 5 | 3 | 1 | 3 | 25 | – |
| 8 | Manchester | 09·0 | +22 | W | 5 | b-bc | 43 | 30 | 7 | 2 | – | 2 | 3 | 2 | 3 | 30 | – |
| | Squires Gate | 08·3 | +20 | W | 5 | bc | 45 | 36 | 7 | – | 3 | 5 | 4 | 3 | 3 | 100 | – |
| | Silloth ... | 05·5 | +30 | WSW | 5 | bc | 41 | 35 | 7 | 8 | 6 | – | 4 | 3 | 2 | 30 | – |
| 9 | Ashbourne ... | 09·8 | +18 | WSW | 4 | bc | 41 | 31 | 7 | 2 | – | 6 | 4 | 3 | 4 | 20 | – |
| | Snaith ... | 08·7 | +24 | W | 6 | 2o | 43 | 31 | 6 | 2 | – | 3 | 6 | 5 | 3 | 25 | – |
| 10 | Spurn Head | 07·1 | −24 | W | 6 | bcq | 43 | 33 | 6 | 4 | – | – | 4 | 4 | – | 25 | – |
| | Leeming | 05·9 | +22 | W | 5 | bc | 44 | 29 | 8 | 3 | 6 | 2 | 4 | 3 | 2 | 20 | – |
| | Tynemouth | 04·0 | +20 | W | 6 | 2o | 43 | 32 | 6 | 2 | – | – | 3 | 3 | – | 15 | – |
| | Acklington | 02·0 | +24 | WSW | 7 | b | 42 | 33 | 7 | – | – | 5 | 2 | 2 | – | – | – |
| 11 | St. Abb's Head | 99·0 | +28 | W | 4 | b-bc | 42 | 28 | 8 | – | – | – | 3 | 3 | – | – | – |
| | Leuchars ... | 99·3 | +22 | SW | 5 | c-bc | 43 | 33 | 7 | 5 | 3 | – | 5 | 4 | 5 | 30 | – |
| | Montrose ... | 98·2 | +26 | SW | 4 | b-bc | 45 | 33 | 8 | – | 4 | 5 | 3 | 1 | 3 | – | – |
| 12 | Abbotsinch | 02·1 | +22 | WSW | 4 | bc | 44 | 39 | 8 | 1 | – | 2 | 4 | 3 | 3 | 20 | – |
| | Prestwick ... | 03·7 | +26 | WSW | 4 | pr | 41 | 35 | 6 | 8 | 2 | – | 5 | 5 | 4 | 18 | 40 |
| | West Freugh | 04·6 | +18 | WSW | 5 | bc | 43 | 34 | 7 | 2 | 4 | 2 | 4 | 1 | 2 | 30 | – |
| | Eskdalemuir | 03·2 | +30 | WNW | 4 | c/pr | 37 | 32 | 8 | 8 | 2 | – | 6 | 5 | 6 | 18 | – |
| | Jurby, I. of Man | 06·8 | +18 | SW | 6 | bc | 43 | 35 | 8 | – | – | 6 | 4 | 4 | – | – | – |
| 13A | Machrihanish | 03·0 | +14 | SW | 6 | bc | 43 | 33 | 7 | 7 | – | 5 | 4 | 2 | 3 | 25 | 40 |
| | Tiree ... | 99·6 | +10 | WSW | 5 | b | 45 | 33 | 9 | 1 | 4 | 9 | 2 | 1 | 1 | 30 | – |
| | Oban ... | 00·8 | +18 | SW | 3 | c-bc/pr | 40 | 36 | 8 | 8 | 6 | – | 5 | 4 | 3 | 30 | – |
| 13B | Stornoway ... | 94·1 | +20 | W | 5 | bc | 44 | 34 | 8 | 5 | – | 1 | 4 | 4 | 4 | 20 | 40 |
| | Cape Wrath | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 97·6 | +18 | W | 4 | c | 38 | 32 | 7 | 8 | – | – | 7 | 7 | – | 25 | – |
| | Aberdeen ... | 96·5 | +20 | WSW | 3 | b | 46 | 30 | 8 | 5 | 4 | – | 1 | 1 | – | 40 | – |
| | Fraserburgh | 95·4 | +30 | W'N | 4 | b-bc | 44 | 34 | 8 | – | 4 | – | 3 | 3 | – | – | – |
| | Alness ... | 95·1 | +18 | W'N | 5 | c-bc | 44 | 33 | 8 | 2 | 6 | – | 5 | 4 | 5 | 25 | – |
| | Wick ... | 92·1 | +22 | WSW | 6 | c | 41 | 35 | 8 | 5 | – | – | 7 | 3 | 7 | 15 | 40 |
| 16 | Hatston ... | 88·4 | −2 | SW | 5 | d₀d₀ | 43 | 41 | 6 | 5 | – | – | 7 | 4 | 7 | 5 | 15 |
| | Sumburgh ... | 90·4 | +6 | SE | 3 | c | 43 | 41 | 7 | 5 | 4 | – | 6 | 1 | 6 | 8 | 40 |
| | Sullom Voe | 90·6 | +10 | ESE | 3 | c/d | 44 | 43 | 6 | 8 | 3 | – | 6 | 4 | 3 | 10 | 25 |
| 17 | Blacksod Point † | 97·7 | −64 | S | 6 | r₀r₀ | 43 | 39 | 7 | 6 | 2 | – | 8 | 4 | – | 8 | – |
| 18 | Malin Head † | 00·7 | −8 | S | 5 | c-bc | 42 | 35 | 8 | – | – | 7 | 5 | 0 | – | – | – |
| | Aldergrove | 03·9 | −12 | SW | 4 | c | 42 | 32 | 7 | 5 | 2 | – | 8 | 7 | 8 | 25 | 25 |
| | Cas. Archdale | 04·1 | −18 | SE | 3 | c | 40 | 33 | 8 | – | 2 | 7 | 8 | 3 | 8 | – | – |
| 19 | Birr Castle ... † | 02·3 | −54 | SSE | 4 | c | 42 | 35 | 7 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Collinstown † | 08·8 | −4 | SSW | 4 | c | 41 | 30 | 8 | 5 | 4 | 7 | 7 | 2 | – | 40 | – |
| 20 | Foynes ... † | 03·4 | −58 | SSE | 4 | ir | 44 | 39 | 7 | 5 | 7 | – | 8 | 5 | – | 18 | – |
| | Valentia ... † | 99·7 | −82 | SSE | 7 | RR | 48 | 46 | 6 | 5 | – | – | 8 | 8 | – | 17 | – |
| | Roches Point † | 07·0 | −42 | SSW | 6 | ir | 46 | 44 | 7 | 6 | 2 | – | 8 | 4 | – | 15 | – |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1300.

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

| 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) | 21h State of Ground. ‡ 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 11·7 | −18 | SSW | 3 | 2o | 44 | 37 | 5 | 5 | 2 | – | 8 | 4 | 8 | 21 | – | 1 |
| | Croydon ... | 12·8 | −16 | SW | 4 | 2o | 44 | 37 | 6 | – | 7 | – | 8 | 8 | – | 65 | – | 1 |
| | Boscombe Down | 11·1 | −28 | S'W | 5 | id₀ | 43 | 42 | 6 | 5 | 2 | – | 8 | 4 | 8 | 15 | – | 1 |
| | Thorney Island | 13·6 | −18 | S'W | 3 | c/r | 43 | 42 | 5 | 5 | – | – | 7 | 4 | 7 | 15 | 25 | 1 |
| | Friston ... | | | | | | | | | | | | | | | | | |
| | Lympne ... | 14·7 | −2 | SW'S | 3 | o | 41 | 37 | 7 | – | 7 | – | 7 | 7 | – | – | – | 1 |
| | Manston ... | 13·5 | +2 | SSW | 2 | 2o | 41 | 35 | 6 | – | 7 | – | 6 | 6 | – | 100 | – | 1 |
| 2 | North Weald | 11·7 | −14 | S | 3 | 2o | 42 | 31 | 5 | – | 7 | – | 8 | 8 | – | 80 | – | 1 |
| | Felixstowe ... | 12·3 | −10 | SSW | 3 | 2o | 41 | 38 | 6 | 4 | 6 | – | 6 | 4 | 5 | 28 | – | 1 |
| | Gorleston ... | 10·6 | +2 | SW'S | 2 | bc | 41 | 37 | 7 | 5 | – | – | 4 | 4 | – | 25 | – | 0 |
| | Mildenhall | 10·4 | −10 | S'W | 3 | 2o | 43 | 33 | 6 | – | 7 | 1 | 7 | 7 | 4 | – | – | 0 |
| | Bircham Newton | 09·6 | −10 | S | 3 | c | 41 | 33 | 8 | – | 7 | 6 | 7 | 7 | 7 | – | – | 1 |
| | Cranwell ... | 08·0 | −20 | S'E | 3 | 2o | 40 | 36 | 5 | – | 7 | – | 6 | 6 | – | 90 | – | 1 |
| 3 | Cranfield ... | 10·0 | −18 | SW | 4 | c | 42 | 34 | 7 | 5 | 7 | – | 8 | 3 | 8 | 50 | – | 1 |
| | Honiley ... | 07·5 | −24 | SSE | 4 | c | 42 | 35 | 7 | – | 7 | – | 8 | 8 | – | – | – | 1 |
| 4 | Little Rissington | 08·0 | −40 | SSW | 6 | ir | 41 | 37 | 6 | 5 | 7 | – | 7 | 4 | 7 | 30 | – | 1 |
| | Shobden ... | 05·7 | −46 | SSE | 4 | r₀r₀ | 43 | 39 | 7 | 5 | 2 | – | 8 | 3 | 5 | 15 | 25 | 1 |
| 5 | Bristol ... | 09·6 | −30 | S | 4 | r₀r₀ | 45 | 43 | 6 | 5 | 2 | – | 8 | 4 | 8 | 20 | 57 | 1 |
| | Chivenor ... | 06·3 | −50 | S | 5 | r₀r₀ | 48 | 45 | 6 | 5 | 2 | – | 8 | 5 | 8 | 12 | 40 | 1 |
| | Yeovilton | 08·7 | −46 | S'W | 5 | r₀r₀ | 47 | 47 | 6 | 5 | 2 | – | 8 | 4 | 8 | 8 | 15 | 1 |
| | Portland Bill | 11·6 | −40 | SW | 5 | rr | 48 | 46 | 7 | 5 | – | – | 8 | 8 | – | 50 | – | 1 |
| | Exeter ... | 09·1 | −40 | SSW | 5 | r₀r₀ | 47 | 45 | 4 | 5 | – | – | 8 | 4 | 8 | 10 | 25 | 1 |
| | Plymouth ... | 08·4 | −46 | WSW | 4 | r₀r₀ | 48 | 48 | 6 | 5 | – | – | 8 | 5 | 8 | 10 | 25 | 1 |
| | St. Eval ... | 05·7 | −12 | SSW | 7 | r₀ | 47 | 47 | 6 | 5 | 2 | – | 8 | 4 | 8 | 4 | 15 | 1 |
| | The Lizard | 06·6 | −56 | SW | 7 | rr | 49 | 47 | 5 | 5 | – | – | 8 | 8 | – | 10 | – | 1 |
| | Scilly, St. Marys | 03·7 | −56 | SW'S | 7 | rs | 49 | 49 | 6 | 6 | – | – | 8 | 4 | 7 | 3 | 25 | 1 |
| 6 | Fairwood ... | 04·8 | −50 | S | 5 | r₀r₀ | 45 | 43 | 6 | 5 | 2 | – | 8 | 4 | 5 | 10 | 25 | 1 |
| | Pembroke ... | 01·8 | −62 | S | 7 | rr | 46 | 46 | 6 | 5 | – | – | 8 | 8 | – | 20 | – | 2 |
| | Aberporth ... | 01·8 | −70 | S'W | 6 | rr | 46 | 41 | 6 | 6 | – | – | 8 | 8 | – | 10 | – | 1 |
| 7 | Penrhos ... | 01·1 | −54 | S | 5 | ir₀ | 43 | 43 | 6 | 5 | 2 | – | 8 | 5 | 8 | 10 | 25 | 1 |
| | Holyhead, Valley | 98·5 | −70 | S | 7 | r₀r₀ | 45 | 43 | 6 | 6 | 2 | – | 8 | 4 | 8 | 10 | 15 | 1 |
| | Hawarden ... | 03·4 | −50 | SE | 4 | ir₀ | 43 | 39 | 6 | 5 | 2 | – | 8 | 4 | 8 | 20 | – | 1 |
| 8 | Manchester | 04·8 | −38 | S'E | 4 | ir₀ | 42 | 31 | 5 | – | 2 | – | 8 | 8 | – | 40 | – | 1 |
| | Squires Gate | 02·0 | −50 | S | 5 | r₀r₀ | 42 | 35 | 6 | 5 | 2 | – | 8 | 5 | 8 | 30 | – | 1 |
| | Silloth ... | 99·7 | −46 | S'E | 4 | r₀r₀ | 41 | 33 | 7 | 5 | 7 | – | 8 | 4 | 8 | 40 | – | 1 |
| 9 | Ashbourne ... | 06·4 | −32 | SSE | 3 | ir₀ | 40 | 32 | 5 | – | 2 | – | 8 | 3 | – | 70 | – | 1 |
| | Snaith ... | 06·4 | −24 | SSW | 3 | 2o | 41 | 31 | 6 | – | 7 | – | 7 | 7 | – | 120 | – | 1 |
| 10 | Spurn Head | 07·6 | −8 | SSW | 4 | 2o | 41 | 35 | 6 | 7 | – | – | 7 | 7 | – | 25 | – | 0 |
| | Leeming | 03·7 | −28 | S | 3 | 2o | 40 | 32 | 6 | – | 7 | – | 7 | 7 | – | – | – | 1 |
| | Tynemouth | | | | | | | | | | | | | | | | | 1 |
| | Acklington | 02·1 | −14 | S'E | 4 | 2o | 37 | 30 | 6 | 5 | 7 | – | 5 | 4 | 2 | 30 | – | 1 |
| 11 | St. Abb's Head | 99·6 | −12 | SSW | 2 | bc | 38 | 33 | 8 | 4 | 3 | – | 4 | 3 | 4 | 35 | – | 0 |
| | Leuchars ... | 98·3 | −22 | S | 3 | 2o | 40 | 33 | 6 | – | 8 | – | 7 | 7 | – | – | – | 1 |
| | Montrose ... | 98·6 | −8 | SSW | 4 | 2o | 39 | 34 | 6 | 3 | 3 | 5 | 7 | 2 | 5 | 30 | – | 1 |
| 12 | Abbotsinch | 06·8 | −50 | SSE | 4 | rr | 40 | 37 | 5 | 5 | 2 | – | 8 | 5 | 8 | 14 | – | 1 |
| | Prestwick ... | 96·0 | −54 | SE'S | 4 | r₀r₀ | 41 | 35 | 7 | 5 | 2 | – | 8 | 3 | 8 | 25 | 57 | 1 |
| | West Freugh | 97·1 | −54 | SSE | 6 | rr | 42 | 41 | 5 | 5 | 2 | – | 9 | 5 | 8 | 15 | – | 1 |
| | Eskdalemuir | 98·5 | −40 | SSW | 5 | pr | 36 | 32 | 6 | 5 | – | – | 8 | 8 | – | 9 | – | 1 |
| | Jurby, I. of Man | 97·9 | −66 | SSE | 7 | r₀r₀ | 43 | 41 | 5 | 6 | 2 | – | 8 | 4 | 8 | 10 | 25 | 1 |
| 13A | Machrihanish | 92·3 | −70 | SE'S | 7 | r₀r₀ | 42 | 40 | 5 | 5 | – | – | 8 | 5 | 8 | 8 | 15 | 1 |
| | Tiree ... | 88·7 | −66 | SE'S | 8 | r₀r₀ | 40 | 39 | 6 | 6 | 2 | – | 8 | 5 | 8 | 4 | 25 | 1 |
| | Oban ... | 94·3 | −38 | SE | 2 | r₀r₀ | 39 | 35 | 7 | 6 | 2 | – | 8 | 4 | 8 | 20 | – | 1 |
| 13B | Stornoway ... | 89·1 | −46 | SSE | 6 | c-bc | 43 | 35 | 8 | 5 | 7 | – | 5 | 2 | 5 | 30 | – | 1 |
| | Cape Wrath | | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 94·3 | −22 | S | 4 | bc | 35 | 24 | 7 | 5 | – | 1 | 4 | 4 | 2 | 25 | – | 8 |
| | Aberdeen ... | 97·9 | −6 | SSW | 2 | 2o | 38 | 31 | 6 | – | 4 | 5 | 1 | 1 | 1 | – | – | 4 |
| | Fraserburgh | 97·4 | +2 | SSW | 4 | b-bc | 36 | 31 | 7 | – | 1 | 5 | 3 | 3 | – | – | – | 1 |
| | Alness ... | 93·7 | −26 | SW | 3 | c-bc | 39 | 34 | 8 | 4 | 3 | – | 5 | 3 | 4 | 35 | – | 1 |
| | Wick ... | 94·0 | −6 | SSW | 3 | b | 38 | 30 | 8 | 5 | – | 4 | 2 | 1 | 2 | 40 | – | 0 |
| 16 | Hatston ... | 92·5 | +10 | SW | 3 | b-bc | 38 | 34 | 7 | 8 | 4 | – | 3 | 2 | 3 | 20 | 40 | 1* |
| | Sumburgh ... | 90·1 | +2 | W'S | 4 | c/d | 42 | 41 | 7 | 5 | – | – | 8 | 3 | 8 | 6 | 15 | 1 |
| | Sullom Voe | 90·3 | −2 | – | 0 | id₀ | 41 | 39 | 6 | 5 | – | – | 7 | 7 | – | 9 | – | 1 |
| 17 | Blacksod Point † | 91·3 | +38 | W | 6 | ac | 43 | 33 | 7 | 5 | – | 6 | 4 | 3 | – | 8 | – | 2 |
| 18 | Malin Head † | 88·5 | −56 | S | 7 | ir₀ | 43 | 41 | 6 | 6 | 2 | – | 8 | 3 | – | 8 | – | 2 |
| | Aldergrove | 91·5 | −73 | SSE | 6 | ir₀ | 44 | 41 | 7 | 6 | 2 | – | 8 | 5 | 8 | 5 | 8 | 1 |
| | Cas. Archdale | 90·8 | −51 | SW'S | 4 | r₀r₀ | 45 | 44 | 7 | 6 | 2 | – | 8 | 4 | 6 | 8 | 25 | 1 |
| 19 | Birr Castle ... † | 91·7 | −41 | SW'W | 2 | c | 48 | 44 | 7 | 6 | 2 | – | 8 | 5 | – | 8 | – | 1 |
| | Collinstown † | 93·6 | −73 | S | 5 | r₀r₀ | 48 | 44 | 7 | 5 | 2 | – | 8 | 8 | – | 12 | – | 1 |
| 20 | Foynes ... † | 94·0 | 0 | W'N | 4 | c/pr | 46 | 42 | 8 | 8 | – | – | 6 | 6 | – | 23 | – | 1 |
| | Valentia ... † | 96·0 | +30 | NW'N | 3 | c/pr | 45 | 38 | 8 | 8 | 6 | 3 | 6 | 5 | – | 23 | – | 2 |
| | Roches Point † | 94·0 | −38 | WNW | 5 | c/r | 47 | 46 | 8 | 3 | – | 5 | 4 | 2 | – | 15 | – | 1 |

## OBSERVATIONS during DAY

| District | Stations | Weather. 06h.–12h. (34) | Weather. 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|---|
| 1 | Kew ... | bcz₀cbc | cycz₀ | 47 | 5·8 | Tr |
| | Croydon ... | bm₀bcz₀ | bcz₀yez₀ | 47 | 5·6 | Tr |
| | Boscombe Down | bc | bcccid₀m₀ | 47 | 4·7 | 2 |
| | Thorney Island | bm₀bcc | cm₀z₀ir₀m₀ | 48 | * | 0·5 |
| | Friston ... | | | | | |
| | Lympne ... | b | cbc | 48 | 5·9 | Tr |
| | Manston ... | cbcm₀bz₀b | bccm₀ | 47 | 6·6 | Tr |
| 2 | North Weald | bcm₀bz₀bc | ccyc | 45 | * | Tr |
| | Felixstowe ... | bz₀bc | cbccm₀ | 47 | 5·9 | Tr |
| | Gorleston ... | bcbq | cbc | 45 | 7·7 | – |
| | Mildenhall | cm₀b | cbcyc | 47 | 5·5 | Tr |
| | Bircham Newton | b | bcc | 42 | 5·8 | Tr |
| | Cranwell ... | bcz₀bcm₀bz₀ | bcz₀ccz₀ | 47 | 3·9 | 0·1 |
| 3 | Cranfield ... | bm₀bbc | bcyc | 45 | * | Tr |
| | Honiley ... | bbc | bbcc | 45 | 4·7 | Tr |
| 4 | Little Rissington | bbc | ccm₀cirm₀ | 44 | * | 1 |
| | Shobden ... | bccpr₀c | ccrr | 45 | * | 3 |
| 5 | Bristol ... | bcm₀cprbcz₀ | cr₀r₀m₀ | 49 | 3·8 | 3 |
| | Chivenor ... | bbcc | bccr₀r₀m₀ | 50 | 3·7 | 4 |
| | Yeovilton | cbcc | czirrrc | 48 | * | 2 |
| | Portland Bill | c | corr | 48 | * | 2 |
| | Exeter ... | c | cpr₀cir₀cr₀r₀ | 50 | 1·8 | 4 |
| | Plymouth ... | cpr₀c | cr₀r₀m₀ | 49 | 2·3 | 6 |
| | St. Eval ... | bcpr₀c | ccrrm₀ | 49 | 1·3 | 7 |
| | The Lizard | c | oidrr | 49 | 5·5 | 2 |
| | Scilly, St. Marys | c | cr₀r₀ | 51 | 0·3 | 5 |
| 6 | Fairwood ... | cz₀bc | cr₀r₀m₀ | 47 | * | 5 |
| | Pembroke ... | c | crrq | 47 | 0·6 | 8 |
| | Aberporth ... | cbc | cirr | 47 | 2·4 | 6 |
| 7 | Penrhos ... | cb | cir₀r₀ | 48 | 3·0 | 8 |
| | Holyhead, Valley | bbc | cid₀r₀r₀m₀ | 46 | * | 4 |
| | Hawarden ... | cb | bcyc | 47 | 4·3 | 0·1 |
| 8 | Manchester | cbcz₀ | bcyicr₀r₀z₀ | 46 | | 0·2 |
| | Squires Gate | bm₀bc | czirr₀r₀ | 45 | * | 0·5 |
| | Silloth ... | bcbbc | bccr₀r₀ | 46 | * | 0·4 |
| 9 | Ashbourne ... | bcm₀cz₀bcz₀bc | bccyc | 43 | * | 1 |
| | Snaith ... | bcz₀ | czoy | 45 | 2·5 | Tr |
| 10 | Spurn Head | bcqz₀ | cm₀ | 44 | 4·7 | – |
| | Leeming | bcy | cpr₀cm₀ | 45 | 4·6 | Tr |
| | Tynemouth | bcm₀ | | 44 | * | – |
| | Acklington | cbcz₀r | cbcm₀ | 43 | * | Tr |
| 11 | St. Abb's Head | bbccbcb | bc | 46 | * | Tr |
| | Leuchars ... | cbcbz₀ | cz₀prm₀ | 45 | 3·2 | 0·6 |
| | Montrose ... | cbcb | bccbcbbc | 45 | 5·2 | 0·2 |
| 12 | Abbotsinch | cpr₀bc | bcrm₀ | 45 | 2·9 | 6 |
| | Prestwick ... | cp₀bc | bccr₀r₀ | 45 | * | 2 |
| | West Freugh | bcbbc | ccir₀cr₀r₀rm₀ | 46 | * | 8 |
| | Eskdalemuir | cbcpr₀pr | cbccpr₀m₀ | 41 | 3·0 | 3 |
| | Jurby, I. of Man | bbc | bccr₀r₀m₀ | 47 | * | 5 |
| 13A | Machrihanish | cphbc | crr | 47 | | 14 |
| | Tiree ... | bcbcy cyb | bccr₀r₀ | 46 | 1·9 | 3 |
| | Oban ... | cbcpr₀phcpr₀c | cbcjpr₀r₀ | 44 | * | * |
| 13B | Stornoway ... | cr₀r₀m₀cm | bccpr₀c | 45 | 1·2 | 1 |
| | Cape Wrath | | | | | |
| 15 | Dalwhinnie | c | ccrsbc | 39 | 1·3 | 0·4 |
| | Aberdeen ... | bcb | bybm₀ | 46 | 6·3 | – |
| | Fraserburgh | bcb | b | 45 | * | * |
| | Alness ... | cpr₀bc | cbcc | 45 | 2·4 | 0·1 |
| | Wick ... | bbccbcc | cbcb | 43 | 2·4 | – |
| 16 | Hatston ... | bbcd₀ | bc | 45 | | 1 |
| | Sumburgh ... | odm₀c | cid₀m₀c | 45 | 0·8 | Tr |
| | Sullom Voe | cd₀d₀m₀c | cir₀m₀ | 44 | * | 0·6 |
| 17 | Blacksod Point † | r | pr | 50 | * | 5 |
| 18 | Malin Head † | c | r | 44 | 0·8 | 0·3 |
| | Aldergrove | c | cr₀r₀m₀ir₀ | 45 | 3·1 | 2 |
| | Cas. Archdale | bcycy | cr₀r₀m₀ | 45 | * | 2 |
| 19 | Birr Castle ... † | pr | r | 49 | 0·0 | 3 |
| | Collinstown † | c | r | 48 | 2·2 | 0·2 |
| 20 | Foynes ... † | r | r | 50 | 0·0 | 6 |
| | Valentia ... † | r | pr | 51 | 0·3 | 8 |
| | Roches Point † | r | r | 48 | | 12 |

* Information not usually received.

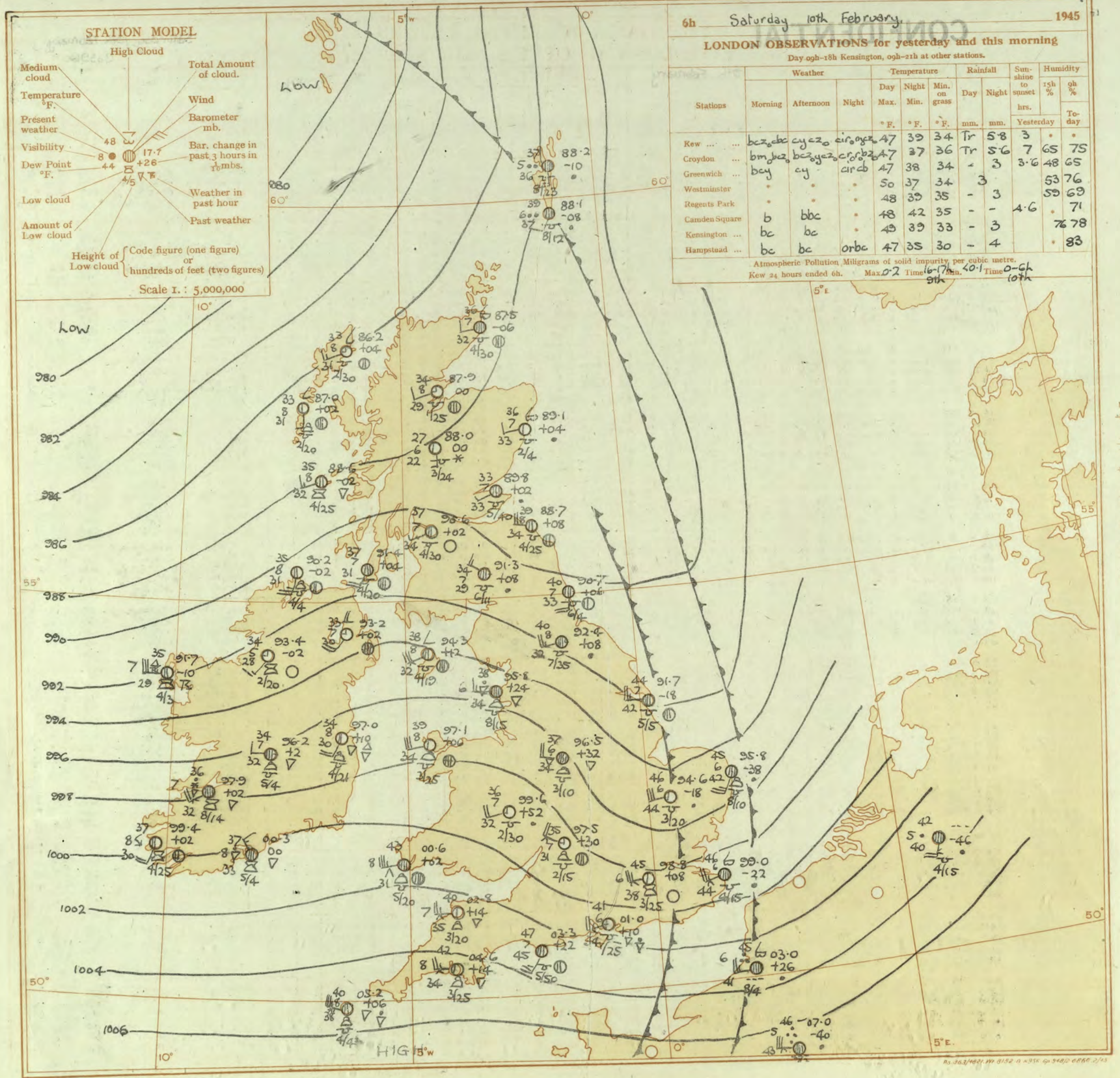
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 15, 28, 29, 30).

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.

‡ See footnote p. 4.

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




6h Saturday 10th February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... | bcz, cbc | cy cz, | cir, ogz, | 47 | 39 | 34 | Tr | 5·8 | 3 | • | • |
| Croydon ... | bm, bcz, | bcz, ycz, | cr, r, bz, | 47 | 37 | 36 | Tr | 5·6 | 7 | 65 | 75 |
| Greenwich ... | bcy | cy | cir cb | 47 | 38 | 34 | - | 3 | 3·6 | 48 | 65 |
| Westminster | • | • | • | 50 | 37 | 34 | 3 | | | 53 | 76 |
| Regents Park | • | • | • | 48 | 39 | 35 | - | 3 | | 59 | 69 |
| Camden Square | b | bbc | • | 48 | 42 | 35 | - | - | 4·6 | • | 71 |
| Kensington ... | bc | bc | • | 49 | 39 | 33 | - | 3 | | 76 | 78 |
| Hampstead ... | bc | bc | orbc | 47 | 35 | 30 | - | 4 | | • | 83 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0·2 Time 16-17h 9th Min. <0·1 Time 0-6h 10th

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

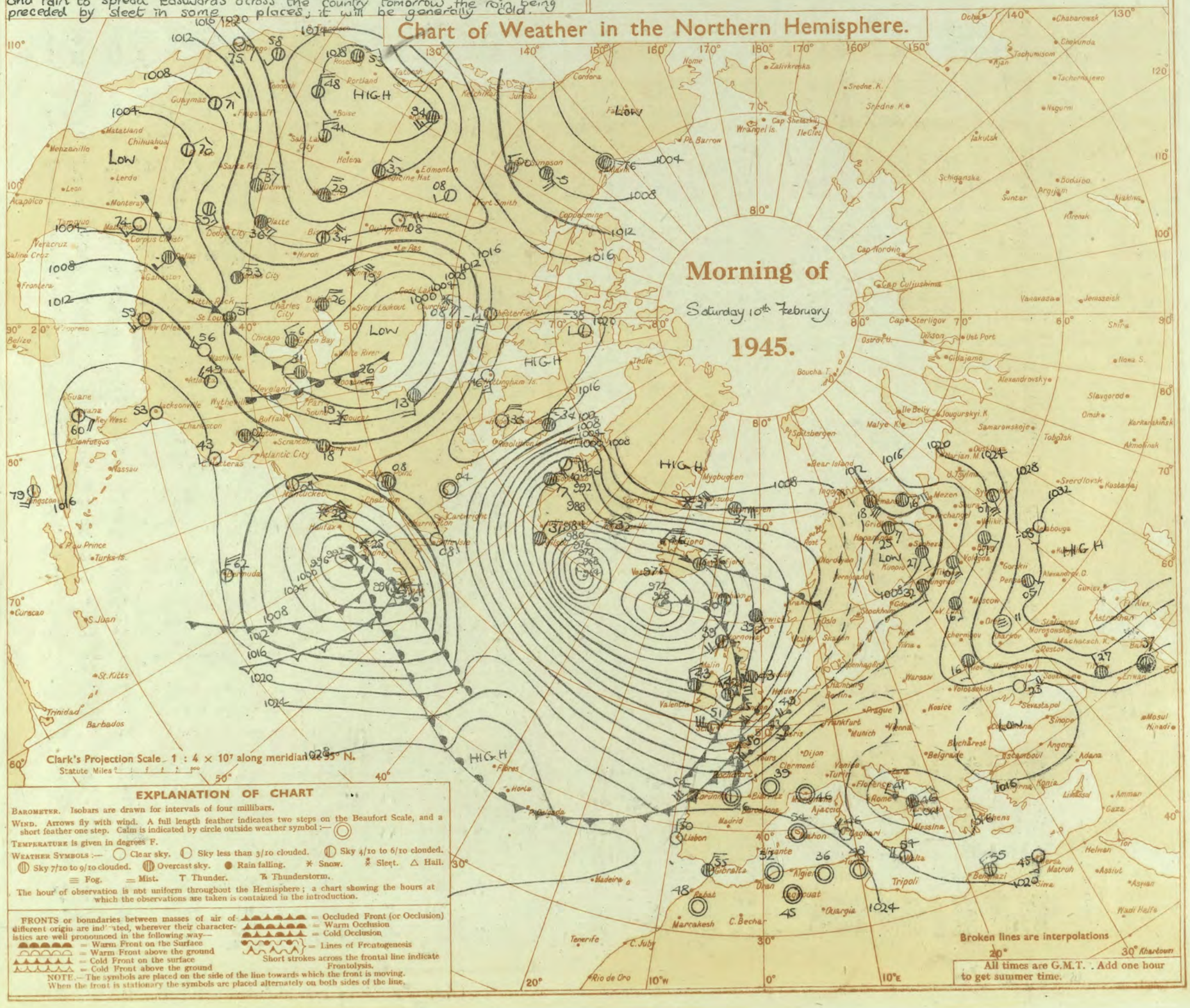
## GENERAL INFERENCE

Pressure is low from South Iceland to Southeast Greenland, and an unstable Westerly current is flowing over the British Isles. There will be occasional showers in the North and West of the British Isles with local hail and thunder, and with some sleet or snow in the North, especially on high ground; a few isolated showers will penetrate to Southeast districts; a depression centred near Newfoundland will deepen considerably and move very rapidly East northeast turning Northeast. This will cause Southerly gales and rain to spread Eastwards across the country tomorrow, the rain being preceded by sleet in some places; it will be generally cold.

## FURTHER OUTLOOK

Changeable Westerly type continuing.

# 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.

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.

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 10th February 1945

No. 30396

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

| 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 | | * | * | * | * | 45 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 03·4 | -52 | SSW | 5 | dr₀ | 45 | 42 | 6 | 6 | 2 | - | 8 | 5 | 8 | 9 | 15 |
| | Boscombe Down | 417 | 00·3 | -60 | S'W | 6 | rr | 46 | 45 | 6 | 5 | 7 | - | 8 | 7 | 8 | 6 | - |
| | Thorney Island | 10 | 04·0 | -54 | S'W | 5 | r₀r₀ | 45 | 44 | 5 | 6 | 2 | - | 8 | 4 | 8 | 9 | 15 |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 06·8 | -46 | SWS | 7 | rr | 43 | 43 | 5 | 5 | 2 | - | 8 | 5 | 8 | 5 | 15 |
| | Manston | 140 | 07·7 | -42 | SSW | 5 | δr₀ | 44 | 42 | 5 | 5 | - | - | 8 | 3 | 8 | 9 | 15 |
| 2 | North Weald | 244 | 02·6 | -52 | SSW | 6 | rr₀ | 45 | 42 | 4 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Felixstowe | 10 | 05·1 | -48 | S'E | 5 | r₀r₀ | 42 | 41 | 5 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Gorleston | 5 | 05·3 | -44 | SSW | 6 | RR | 41 | 35 | 6 | 6 | - | - | 8 | 8 | - | 15 | - |
| | Mildenhall | 15 | 01·9 | -56 | S | 5 | r₀r₀ | 45 | 44 | 6 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Bircham Newton | 221 | 00·9 | -58 | SSE | 5 | r₀r₀ | 43 | 41 | 6 | 6 | 2 | - | 8 | 5 | 8 | 9 | 15 |
| | Cranwell | 203 | 97·5 | -60 | SSE | 5 | rr | 45 | 44 | 5 | 5 | - | - | 8 | 8 | - | 8 | - |
| 3 | Cranfield | 340 | 99·9 | -56 | SSW | 5 | r₀r₀ | 45 | 43 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Honiley | 427 | 96·1 | -62 | SSW | 4 | rr | 47 | 44 | 5 | 5 | 2 | - | 8 | 6 | 8 | 8 | 15 |
| 4 | Little Rissington | 731 | 97·2 | -58 | SSW | 6 | r₀r₀ | 44 | 44 | 5 | - | 2 | - | 8 | 8 | - | 8 | - |
| | Shobden | 318 | 95·7 | -40 | S'W | 4 | r₀r₀ | 46 | 46 | 5 | 5 | - | - | 8 | 5 | 8 | 7 | 15 |
| 5 | Bristol | 209 | 97·7 | -62 | SSE | 5 | rr | 48 | 47 | 5 | 6 | 2 | - | 8 | 3 | 5 | 10 | 15 |
| | Chivenor | 20 | 98·3 | -22 | W'S | 5 | c/r | 48 | 47 | 6 | 8 | - | - | 8 | 4 | 8 | 7 | 25 |
| | Yeovilton | 50 | 99·6 | -44 | SSW | 7 | r₀r₀ | 48 | 48 | 5 | 5 | 2 | - | 8 | 5 | 8 | 9 | 15 |
| | Portland Bill | 32 | 01·8 | -40 | SE | 6 | r/r | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 100 | 99·4 | -46 | SW | 4 | c/r | 49 | 47 | 6 | 5 | - | - | 8 | 8 | 8 | 17 | 25 |
| | Plymouth | 86 | 00·1 | -32 | W'S | 5 | c/r | 48 | 47 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | St. Eval | 345 | 00·3 | -2 | WSW | 5 | z₀ | 46 | 45 | 6 | 5 | - | - | 5 | 3 | 5 | 6 | 15 |
| | The Lizard | 240 | 00·3 | -10 | W | 6 | c/r | 48 | 48 | 6 | 5 | - | - | 7 | 7 | - | 10 | - |
| | Scilly, St. Marys | 163 | 00·9 | +18 | W | 7 | b-bc | 51 | 45 | 7 | 8 | - | - | 3 | 3 | - | 72 | - |
| 6 | Fairwood | 268 | 96·5 | -26 | WSW | 5 | z₀ | 46 | 46 | 6 | 6 | 2 | - | 6 | 4 | 3 | 3 | 8 |
| | Pembroke | 142 | 95·6 | -2 | SW | 6 | ir | 46 | 46 | 6 | 5 | - | - | 8 | 8 | - | 18 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 95·1 | 0 | WNW | 5 | pr | 43 | 39 | 6 | 8 | - | - | 4 | 4 | 2 | 25 | 40 |
| | Holyhead, Valley | 32 | 94·5 | +14 | NW'W | 4 | c-bc | 42 | 41 | 7 | 5 | 3 | - | 5 | 4 | 3 | 20 | - |
| | Hawarden | 15 | 94·5 | -30 | SW | 4 | c/r | 43 | 44 | 6 | 5 | 2 | - | 8 | 4 | 8 | 20 | - |
| 8 | Manchester | 230 | 94·8 | -46 | SSW | 5 | id₀ | 46 | 44 | 6 | 6 | - | - | 8 | 8 | - | 8 | - |
| | Squires Gate | 30 | 94·3 | -20 | NW'N | 3 | r₀r₀ | 42 | 42 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Silloth | 25 | 90·4 | -18 | WNW | 4 | c/r | 43 | 37 | 6 | 5 | - | - | 8 | 4 | 8 | 23 | 40 |
| 9 | Ashbourne | 590 | 95·9 | -54 | SSE | 4 | rr | 43 | 43 | 5 | 5 | - | - | 8 | 8 | - | 9 | - |
| | Snaith | 30 | 95·2 | -60 | SSW | 6 | ir₀ | 45 | 42 | 6 | 5 | - | - | 8 | 8 | - | 16 | - |
| 10 | Spurn Head | 29 | 97·8 | -66 | S'E | 6 | d₀d₀ | 42 | 42 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Leeming | 105 | 93·6 | -54 | S'E | 3 | r₀r₀ | 42 | 41 | 5 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Tynemouth | 108 | 92·5 | -60 | S | 6 | c | 43 | 39 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Acklington | 138 | 92·0 | -56 | S'E | 4 | rr | 40 | 38 | 6 | 5 | 5 | 2 | 8 | 5 | 8 | 10 | 15 |
| 11 | St. Abb's Head | 280 | 88·7 | -52 | S | 5 | rr | 38 | 35 | 7 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Leuchars | 31 | 89·9 | -42 | - | 0 | rr | 38 | 37 | 6 | - | 2 | - | 8 | 8 | - | 17 | - |
| | Montrose | 22 | 91·1 | -38 | S | 7 | rr | 39 | 37 | 5 | - | 2 | - | 8 | 8 | - | 11 | - |
| 12 | Abbotsinch | 19 | 90·3 | +2 | W | 1 | z₀ | 40 | 38 | 5 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Prestwick | 30 | 90·9 | -6 | - | 0 | c | 43 | 37 | 6 | 5 | 7 | - | 8 | 2 | 8 | 55 | - |
| | West Freugh | 53 | 92·1 | +10 | NW | 2 | b-bc | 39 | 36 | 7 | 5 | - | - | 3 | 3 | - | 30 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 92·8 | +10 | W | 4 | b | 43 | 37 | 7 | 5 | - | - | 2 | 2 | - | 25 | - |
| 13A | Machrihanish | 35 | 91·3 | +12 | W'S | 4 | b-bc | 41 | 33 | 7 | 5 | - | - | 3 | 3 | - | 20 | - |
| | Tiree | 44 | 90·0 | +8 | WSW | 5 | b | 39 | 31 | 8 | - | - | - | 0 | 0 | - | · | · |
| | Oban | 74 | 90·6 | +2 | SW | 4 | b | 40 | 25 | 7 | 5 | - | - | 1 | 1 | - | 25 | - |
| 13B | Stornoway | 12 | 95·3 | +4 | SW | 5 | bc | 39 | 34 | 8 | 5 | - | 1 | 4 | 4 | 2 | 20 | - |
| | Cape Wrath | 367 | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | 39 | | | | | | | | | | |
| | Fraserburgh | 76 | 91·2 | -32 | S'E | 5 | r₀r₀ | 38 | 37 | 6 | - | 2 | - | 8 | 8 | - | 12 | - |
| | Alness | 63 | 88·0 | -14 | NW | 2 | c/r | 38 | 35 | 8 | 5 | 3 | - | 6 | 4 | 6 | 30 | - |
| | Wick | 114 | 89·1 | -18 | SSE | 6 | r₀r₀ | 37 | 34 | 6 | 6 | 2 | - | 8 | 4 | 8 | 9 | 25 |
| 16 | Hatston | 45 | 88·2 | -34 | S'E | 7 | r₀r₀ | 38 | 35 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Sumburgh | 15 | 90·5 | -8 | SSW | 6 | c | 42 | 33 | 7 | 5 | - | 7 | 8 | 4 | 8 | 25 | - |
| | Sullom Voe | 12 | 90·8 | +2 | SSE | 3 | c | 39 | 35 | 8 | 4 | - | - | 8 | 8 | - | 20 | - |
| 17 | Blacksod Point † * | 18 | 93·0 | +6 | S'W | 6 | c-bc/pr | 39 | 27 | 7 | 9 | - | - | 5 | 5 | - | 8 | - |
| 18 | Malin Head † * | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 92·8 | +18 | SW | 3 | b | 38 | 32 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Cas. Archdale | 240 | 94·8 | +14 | WSW | 3 | bc | 37 | 31 | 8 | 8 | - | - | 4 | 2 | 4 | 20 | - |
| 19 | Birr Castle * | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown * | 220 | 96·1 | +28 | W'S | 5 | c | 39 | 32 | 8 | 5 | - | - | 8 | 8 | - | 21 | - |
| 20 | Foynes * | 3 | 97·5 | +6 | W'N | 5 | prs | 38 | 33 | 6 | 9 | - | - | 8 | 8 | - | 11 | - |
| | Valentia * | 30 | 99·5 | +2 | ESE | 5 | bc/pr | 40 | 33 | 8 | 3 | - | - | 4 | 4 | - | 25 | - |
| | Roches Point * | 22 | 99·3 | +36 | NW | 4 | c/r | 43 | 42 | 8 | 6 | 2 | - | 8 | 4 | - | 15 | - |

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

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 98·4 | +8 | WSW | 5 | z₀ | 43 | 36 | 6 | 5 | 2 | - | 8 | 4 | 6 | 15 | 15 | 1 |
| Croydon | 98·8 | +8 | WSW | 6 | z₀ | 45 | 38 | 6 | 3 | - | - | 3 | 3 | - | 20 | - | 1 |
| Boscombe Down | 01·5 | +34 | W | 4 | b | 37 | 33 | 7 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Thorney Island | 01·0 | +10 | W'N | 5 | b/pr | 41 | 34 | 6 | 5 | - | - | 1 | 1 | - | 25 | - | 1 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 99·4 | -14 | WSW | 6 | z₀ | 44 | 44 | 6 | 5 | - | - | 7 | 7 | - | 13 | - | 1 |
| Manston | 99·0 | -22 | SW | 5 | c/r | 46 | 44 | 6 | 5 | 7 | - | 8 | 4 | 5 | 15 | 15 | 1 |
| North Weald | 96·8 | 0 | WSW | 5 | z₀ | 45 | 38 | 6 | 5 | - | - | 4 | 4 | - | 20 | - | 1 |
| Felixstowe | 95·7 | -38 | W'S | 5 | z₀ | 44 | 42 | 5 | 5 | - | - | 4 | 4 | - | 9 | - | 1 |
| Gorleston | 95·8 | -38 | SSW | 5 | z₀ | 45 | 42 | 6 | 8 | - | - | 8 | 8 | - | 10 | - | 1 |
| Mildenhall | 94·6 | -18 | WSW | 6 | z₀ | 46 | 44 | 6 | 5 | - | - | 3 | 3 | - | 20 | - | 1 |
| Bircham Newton | 93·1 | -26 | SSW | 5 | z₀ | 46 | 44 | 6 | - | 2 | - | 5 | 5 | - | 12 | - | 1 |
| Cranwell | 94·1 | +10 | W | 6 | c/r | 42 | 37 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Cranfield | 97·0 | -14 | W | 5 | b-bc/r | 41 | 37 | 6 | 5 | - | - | 3 | 8 | - | 15 | - | 1 |
| Honiley | 96·5 | +26 | WNW | 4 | c/r | 47 | 44 | 5 | 5 | 2 | - | 8 | 3 | 8 | 15 | - | 1 |
| Little Rissington | 97·5 | +30 | WNW | 4 | b | 35 | 31 | 7 | 8 | - | - | 2 | 2 | - | 15 | - | 1 |
| Shobden | 99·6 | +52 | WSW | 4 | b | 36 | 32 | 7 | 5 | - | - | 2 | 2 | - | 30 | - | 1 |
| Bristol | 01·6 | +40 | WSW | 5 | z₀ | 37 | 33 | 5 | 3 | - | - | 3 | 3 | - | 20 | - | 1 |
| Chivenor | 02·8 | +14 | W | 5 | b-bc | 40 | 35 | 7 | 2 | - | - | 3 | 3 | - | 20 | - | 1 |
| Yeovilton | 02·3 | +40 | WSW | 3 | pr₀ | 37 | | 7 | 8 | - | - | 5 | 3 | 5 | 9 | 15 | 1 |
| Portland Bill | 03·3 | +22 | SW | 5 | c-bc | 47 | 45 | 7 | 5 | - | - | 5 | 5 | - | 50 | - | 1 |
| Exeter | 03·4 | +26 | W | 4 | b/pr | 36 | 32 | 7 | 4 | - | - | 2 | 2 | - | 25 | - | 1 |
| Plymouth | 04·6 | +14 | W | 5 | b-bc | 42 | 34 | 8 | 2 | - | - | 3 | 3 | - | 25 | - | 1 |
| St. Eval | 04·8 | +8 | W | 6 | b-bc | 42 | 31 | 7 | 2 | - | - | 3 | 3 | - | 20 | - | 1 |
| The Lizard | 06·4 | +16 | W | 8 | c-bc/pr | 41 | 37 | 6 | 2 | - | - | 5 | 5 | - | 10 | - | 1 |
| Scilly, St. Marys | 05·2 | +6 | W'N | 7 | bc/pr | 40 | 38 | 8 | 8 | - | - | 4 | 4 | - | 15 | - | 1 |
| Fairwood | 01·2 | +24 | W | 3 | z₀ | 37 | 33 | 6 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Pembroke | 00·6 | +2 | W'S | 7 | c-bc | 43 | 31 | 8 | 8 | - | - | 5 | 5 | - | 20 | | 1 |
| Aberporth | 99·7 | +6 | WSW | 4 | bc | 38 | 31 | 8 | 2 | - | - | 4 | 4 | - | 20 | - | |
| Penrhos | 98·2 | +10 | W | 4 | bc/ph | 39 | 33 | 7 | 8 | - | - | 4 | 4 | 2 | 25 | 40 | 0 |
| Holyhead, Valley | 97·1 | +6 | WSW | 6 | b-bc | 39 | 34 | 8 | 8 | - | - | 3 | 3 | - | 25 | - | 1 |
| Hawarden | 97·3 | +24 | W | 3 | c/r | 37 | 33 | 6 | 5 | - | - | 8 | 4 | 8 | 20 | - | 1 |
| Manchester | 94·2 | +28 | WNW | 3 | r₀r₀ | 37 | 34 | 5 | - | 2 | - | 8 | 8 | - | 9 | - | 1 |
| Squires Gate | 95·8 | +24 | W | 3 | pr₀ | 38 | 34 | 6 | 8 | - | - | 8 | 8 | - | 15 | - | 1 |
| Silloth | 92·9 | +14 | WSW | 3 | c | 40 | 34 | 7 | 5 | - | - | 8 | 8 | - | 45 | - | 1 |
| Ashbourne | 96·5 | +32 | W | 4 | pr₀ | 37 | 34 | 6 | 8 | - | - | 8 | 3 | 4 | 10 | 15 | 1 |
| Snaith | 93·9 | +18 | WNW | 6 | ir₀ | 41 | 34 | 6 | - | 2 | - | 8 | 8 | - | 120 | - | 1 |
| Spurn Head | 91·7 | -18 | W | 5 | c-bc | 44 | 42 | 7 | 5 | - | - | 5 | 8 | - | 25 | - | 1 |
| Leeming | 92·4 | +8 | WSW | 5 | c | 40 | 32 | 8 | 5 | - | - | 7 | 7 | - | 35 | - | 1 |
| Tynemouth | 90·7 | +6 | S | 4 | c | 40 | 33 | 7 | 5 | - | - | 6 | 6 | - | 15 | - | 1 |
| Acklington | 90·3 | +10 | W | 4 | c | 38 | 32 | 7 | 5 | 7 | - | 7 | 4 | 7 | 35 | 72 | 1 |
| St. Abb's Head | 88·7 | +8 | W | 4 | bc | 39 | 34 | 8 | 5 | - | - | 4 | 4 | - | 25 | - | 0 |
| Leuchars | 89·8 | +2 | SW | 3 | c-bc | 33 | 33 | 7 | 5 | - | - | 5 | 5 | - | 40 | - | 1 |
| Montrose | 89·3 | -10 | W | 1 | b-bc | 33 | 30 | 7 | 5 | - | - | 3 | 3 | - | 25 | - | 1 |
| Abbotsinch | 90·6 | +2 | SW | 1 | bc | 37 | 34 | 7 | 5 | - | - | 4 | 4 | - | 30 | - | 2 |
| Prestwick | 91·3 | -4 | W'S | 4 | bc | 39 | 30 | 7 | 8 | - | - | 4 | 3 | 4 | 22 | 40 | 1 |
| West Freugh | 92·8 | +2 | WSW | 4 | b-bc | 37 | 32 | 8 | 5 | - | - | 3 | 3 | - | 40 | - | 1 |
| Eskdalemuir | 91·3 | +8 | WNW | 3 | c | 34 | 39 | 7 | 5 | - | - | 6 | 6 | - | 11 | - | 1 |
| Jurby, I. of Man | 94·3 | +12 | W'S | 6 | bc | 38 | 32 | 8 | 5 | 1 | - | 4 | 4 | 3 | 19 | - | 1 |
| Machrihanish | 91·4 | +4 | SW | 5 | c-bc | 37 | 31 | 7 | 5 | 2 | - | 5 | 4 | 5 | 20 | - | 0 |
| Tiree | 88·6 | -2 | WSW | 3 | bc | 35 | 32 | 8 | 3 | - | - | 4 | 4 | - | 25 | - | 4 |
| Oban | 89·7 | -4 | WSW | 2 | c | 36 | 33 | 7 | 2 | 6 | - | 6 | 5 | 2 | 20 | - | 1 |
| Stornoway | 86·2 | +4 | SW | 3 | b | 33 | 31 | 8 | 5 | 4 | - | 2 | 2 | 1 | 30 | - | 3 |
| Cape Wrath | | | | | | | | | | | | | | | | | |
| Dalwhinnie | 88·0 | 0 | SSE | 1 | z₀ | 27 | 22 | 6 | 5 | - | - | 3 | 3 | - | 24 | - | 8 |
| Aberdeen | 89·1 | +4 | SW'W | 2 | bc | 36 | 33 | 7 | 5 | 7 | - | 4 | 2 | 4 | 15 | - | 4 |
| Fraserburgh | 88·2 | -6 | W'S | 1 | c | 35 | 34 | 7 | - | 2 | - | 8 | 8 | - | — | - | 1 |
| Alness | 87·9 | 0 | W'S | 2 | b | 34 | 29 | 8 | 5 | 3 | - | 2 | 1 | 2 | 25 | - | 0 |
| Wick | 87·5 | -6 | WSW | 2 | c-bc | 36 | 32 | 7 | 5 | 7 | - | 5 | 4 | 3 | 30 | - | 1 |
| Hatston | 87·1 | -2 | SW | 1 | c | 37 | 34 | 7 | 5 | - | - | 8 | 3 | 8 | 20 | 40 | 1 |
| Sumburgh | 88·1 | -8 | SSW | 2 | r₀r₀ | 39 | 37 | 6 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| Sullom Voe | 88·2 | -10 | SSE | 3 | r₀r₀ | 37 | 36 | 5 | 5 | - | - | 8 | 8 | - | 23 | - | 1 |
| Blacksod Point | 91·7 | -10 | W | 6 | +lh | 35 | 28 | 7 | 9 | - | - | 4 | 4 | - | 8 | - | 4 |
| Malin Head | 90·2 | -2 | S'W | 5 | bc | 35 | 31 | 8 | 8 | - | - | 4 | 4 | - | 15 | - | 2 |
| Aldergrove | 93·2 | +2 | SW'S | 4 | b | 33 | 30 | 7 | - | 2 | - | 2 | 2 | - | - | - | 1 |
| Cas. Archdale | 93·4 | -2 | SW | 3 | b | 34 | 28 | 5 | 3 | - | - | 2 | 2 | - | 20 | - | 7 |
| Birr Castle | 96·2 | +2 | W | 2 | c | 34 | 32 | 7 | 8 | 7 | - | 6 | 5 | - | 15 | - | 1 |
| Collinstown | 97·0 | +10 | SW | 4 | bc/ph | 34 | 29 | 8 | 8 | - | - | 4 | 4 | - | 21 | - | 7 |
| Foynes | 97·9 | +2 | SW | 4 | prs | 36 | 31 | 7 | 9 | - | - | 8 | 8 | - | 14 | - | 1 |
| Valentia | 99·4 | +2 | SW'S | 4 | r | 37 | 30 | 8 | 3 | - | - | 4 | 4 | - | 25 | - | 1 |
| Roches Point | 00·3 | 0 | NW | 3 | pr₀ | 37 | 32 | 8 | 3 | - | - | 5 | 5 | - | 15 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | cir₀r₀m₀ | r₀rm₀cz₀ | 39 | 34 | 3 |
| Croydon | cδδcdr₀m₀ | cr₀r₀m₀bz₀ | 37 | 36 | 7 |
| Boscombe Down | cr₀rm₀ | crrm₀cb | 34 | 30 | 5 |
| Thorney Island | cr₀r₀m₀ | cr₀r₀p₀bm₀ | 37 | 34 | 5 |
| Friston | | | | | |
| Lympne | cir₀rm₀ | r₀r₀mcm₀ | 39 | 34 | 6 |
| Manston | cr₀r₀m₀ | cir₀δr₀m₀ | 41 | 38 | 3 |
| North Weald | cmcr₀m | cr₀r₀m₀bz₀ | 37 | 34 | 5 |
| Felixstowe | bccr₀r₀m | cr₀r₀m₀ | 40 | 36 | 4 |
| Gorleston | orrq | orrqcqo | 40 | 38 | 7 |
| Mildenhall | cr₀rmcir₀ | cr₀r₀m₀cm₀ | 37 | 34 | 0·4 |
| Bircham Newton | cpδr₀r₀m₀ | cr₀r₀cm₀ | 37 | 35 | 6 |
| Cranwell | cmcr₀m | crrm₀ | 37 | 34 | 6 |
| Cranfield | cr₀r₀m₀ | cr₀r₀bcm₀ | 36 | 32 | 3 |
| Honiley | cr₀r₀m₀ | bccpr₀rr | 35 | 30 | 3 |
| Little Rissington | crrmcδδm₀ | tcm₀cmb | 34 | 30 | 9 |
| Shobden | crrm₀ | crrm₀qb | 36 | 32 | ·9 |
| Bristol | crrm₀ | cm₀prcm₀ | 36 | 35 | 7 |
| Chivenor | cr₀r₀m₀cm₀ | cm₀bcp | 37 | 34 | 4 |
| Yeovilton | TT | cbcbbcpδδ | 35 | 30 | 4 |
| Portland Bill | orr | cc | 46 | * | 8 |
| Exeter | crrm₀ | cir₀bcp₀ | 35 | 31 | 4 |
| Plymouth | or₀r₀m | bcpr₀b | 39 | 37 | 5 |
| St. Eval | crrr₀d₀ | cm₀bcb | 38 | 35 | 1 |
| The Lizard | TTC | rbcb | 40 | * | 5 |
| Scilly, St. Marys | cδr₀bcq | bcpq | 39 | * | 1 |
| Fairwood | crcm₀ | cprqbcm₀ | 36 | 31 | 5 |
| Pembroke | cbcocirqm₀ | c, q | 33 | * | 2 |
| Aberporth | * | bc | 35 | 33 | 5 |
| Penrhos | or₀r₀m₀cm₀ | cr₀r₀m₀bcp | 36 | 33 | 2 |
| Holyhead, Valley | or₀r₀m₀bc | cbc | 37 | 36 | 0·2 |
| Hawarden | cr₀m₀cm₀ | cpr₀cr₀cr₀ | 37 | 30 | 2 |
| Manchester | r₀r₀cm₀id₀ | bzzr₀m₀ | 35 | 30 | 1 |
| Squires Gate | cr₀r₀m₀ | cm₀pr₀m₀ | 36 | 35 | 4 |
| Silloth | cr₀r₀rm₀cm₀ | cm₀bcc | 37 | 31 | 2 |
| Ashbourne | cir₀m r₀m₀ | prrm₀cm₀ | 34 | 31 | 5 |
| Snaith | cir₀m₀ | cir₀m₀z₀ | 36 | 35 | 0·4 |
| Spurn Head | cd₀d₀ | c | 39 | * | 2 |
| Leeming | cr₀r₀m₀ | r₀r₀m₀ c | 36 | 34 | 2 |
| Tynemouth | o | c | 38 | 35 | — |
| Acklington | cmcδδm₀ | cr₀r₀m₀c | 36 | 35 | 2 |
| St. Abb's Head | bccir₀m₀ | ocrrcbc | 35 | * | 4 |
| Leuchars | cm₀or₀m₀ | orrm₀bc | 32 | 28 | 3 |
| Montrose | or₀r₀mrr | orrm₀cbc | 32 | — | 5 |
| Abbotsinch | cm₀rrr₀ | bcm₀ | 37 | 3 | 36 |
| Prestwick | r₀r₀cm₀ | cbcbc | 35 | 30 | 2 |
| West Freugh | orrcm₀b | bbccobc | 34 | 29 | 0·3 |
| Eskdalemuir | crprpRRm₀c | RR | 32 | 29 | 4 |
| Jurby, I. of Man | crrm₀cbcb | bccbc | 37 | 33 | 2 |
| Machrihanish | TT2bc | c | 36 | 33 | - |
| Tiree | cr₀r₀bc | bbcpBC | 39 | 31 | 0·4 |
| Oban | r₀r₀rrc | bcpr₀m₀bc | 33 | * | + |
| Stornoway | cr₀r₀m₀bc | bbcb | 30 | 18 | 0·3 |
| Cape Wrath | | | | * | |
| Dalwhinnie | * | ois₀bc | 25 | 21 | 0·2 |
| Aberdeen | ccrrcm₀ | ccc | 34 | 29 | 4 |
| Fraserburgh | bbccr₀r₀m₀ | pr₀r₀m₀ | 30 | | 4 |
| Alness | cir₀c | cbcb | 28 | 22 | Tr |
| Wick | bccr₀m₀ | cr₀r₀c | 30 | 29 | 2 |
| Hatston | bbcrr | rc | 35 | * | 5 |
| Sumburgh | id₀bcc | r₀m₀c | 36 | 35 | 6 |
| Sullom Voe | bcpr₀c | cr₀r₀ | 37 | 35 | 6 |
| Blacksod Point | pr | c | 33 | * | 2 |
| Malin Head | | cbc | 33 | * | 1 |
| Aldergrove | ir₀cbcb | bbccbcb | 31 | 28 | — |
| Cas. Archdale | cr₀r₀bbc | cbc, c | 31 | 28 | 0·4 |
| Birr Castle | * | b | 34 | 33 | 4 |
| Collinstown | bc | bc | 33 | 31 | 1 |
| Foynes | pr | bc | 36 | 34 | 4 |
| Valentia | pr | bc | 35 | 33 | 8 |
| Roches Point | T | bbc | 35 | * | |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

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

Sunday 11th February 1945

No. 30397.

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

| 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 ... | 02·9 | +2 | WSW | 4 | c | 43 | 31 | 7 | 8 | - | 6 | 6 | 5 | 5 | 21 | 40 |
| | Croydon ... | 03·9 | +2 | WSW | 4 | c | 44 | 33 | 7 | 1 | - | 6 | 6 | 5 | 3 | 30 | - |
| | Boscombe Down | 03·3 | -2 | SW'W | 5 | c | 43 | 33 | 8 | 3 | 6 | 3 | 6 | 4 | 2 | 25 | - |
| | Thorney Island | 05·0 | +2 | W'N | 5 | $2_o$ | 45 | 37 | 6 | 1 | - | 3 | 6 | 5 | 4 | 20 | - |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 04·8 | +12 | W | 4 | c-bc | 44 | 34 | 8 | 2 | - | 2 | 5 | 5 | 2 | 25 | - |
| | Manston ... | 04·2 | +22 | WSW | 5 | bc | 44 | 33 | 8 | 1 | - | 1 | 4 | 4 | 2 | 25 | - |
| 2 | North Weald | 02·5 | +40 | SW | 5 | $2_o$ | 42 | 34 | 6 | 2 | - | - | 5 | 5 | - | 20 | - |
| | Felixstowe ... | 01·8 | +18 | WSW | 5 | $2_o$ | 44 | 39 | 6 | 5 | - | - | 1 | 1 | - | 20 | - |
| | Gorleston ... | 99·6 | +26 | WNW | 3 | bcq | 44 | 39 | 7 | 1 | - | - | 4 | 4 | - | 25 | - |
| | Mildenhall | 00·6 | +10 | WSW | 6 | b-bc | 44 | 39 | 8 | 1 | - | - | 3 | 3 | - | 20 | - |
| | Bircham Newton | 99·2 | +14 | WSW | 6 | bc | 42 | 32 | 8 | 1 | - | - | 4 | 4 | - | 25 | - |
| | Cranwell ... | 98·9 | +6 | WSW | 6 | $2_o$ | 40 | 34 | 6 | 8 | - | - | 4 | 3 | 4 | 25 | 40 |
| 3 | Cranfield ... | 01·1 | +2 | SW | 5 | c-bc | 41 | 33 | 8 | 2 | - | - | 5 | 5 | - | 25 | - |
| | Honiley ... | 00·1 | 0 | SW | 5 | c-bc | 40 | 31 | 7 | 8 | 4 | - | 5 | 5 | 5 | 35 | 40 |
| 4 | Little Rissington | 00·6 | -6 | WSW | 6 | c | 39 | 29 | 8 | 8 | - | - | 6 | 4 | 5 | 18 | 40 |
| | Shobden ... | 00·3 | -4 | WSW | 4 | c | 40 | 32 | 8 | 8 | 3 | 9 | 6 | 3 | 2 | 25 | 57 |
| 5 | Bristol ... | 02·8 | +2 | SW'W | 4 | pr | 39 | 35 | 7 | 9 | - | 3 | 5 | 5 | 3 | 15 | 25 |
| | Chivenor ... | 02·9 | -4 | WSW | 6 | c/phr | 43 | 36 | 7 | 8 | - | - | 8 | 4 | 8 | 12 | 25 |
| | Yeovilton | 03·3 | 0 | WSW | 2 | c/pr | 42 | 37 | 8 | 7 | - | 5 | 6 | 4 | 6 | 15 | 40 |
| | Portland Bill | 05·5 | +6 | SW | 5 | c | 48 | 46 | 8 | 2 | - | - | 6 | 6 | - | 50 | - |
| | Exeter ... | 03·7 | -6 | WSW | 5 | c-bc | 44 | 33 | 8 | 2 | 7 | 6 | 5 | 3 | 4 | 20 | - |
| | Plymouth ... | 05·4 | +2 | WSW | 6 | c | 42 | 37 | 7 | 5 | 2 | - | 8 | 4 | 8 | 15 | - |
| | St. Eval ... | 05·3 | +2 | WSW | 6 | c | 41 | 36 | 7 | 8 | - | - | 8 | 4 | 8 | 10 | 25 |
| | The Lizard | 05·1 | -8 | WSW | 6 | c-bc | 41 | 36 | 7 | 8 | - | - | 5 | 5 | - | 15 | - |
| | Scilly, St. Marys | 05·6 | +2 | W | 6 | pr | 40 | 36 | 7 | 8 | 6 | - | 8 | 5 | 3 | 15 | 57 |
| 6 | Fairwood ... | 01·8 | +2 | WSW | 5 | pr | 40 | 34 | 7 | 8 | - | - | 7 | 5 | 7 | 15 | 25 |
| | Pembroke ... | 00·5 | 0 | SW'W | 6 | c-bcq | 41 | 35 | 8 | 8 | - | - | 5 | 5 | - | 20 | - |
| | Aberporth ... | 00·5 | +4 | WSW | 5 | c | 41 | 30 | 9 | 1 | 6 | 8 | 7 | 5 | 4 | 25 | - |
| 7 | Penrhos ... | 98·3 | -4 | WSW | 4 | bc | 41 | 32 | 8 | 8 | 7 | - | 4 | 4 | 4 | 30 | - |
| | Holyhead, Valley | 97·2 | -2 | WSW | 6 | c | 40 | * | 9 | 8 | 6 | - | 6 | 3 | 5 | 20 | 25 |
| | Hawarden ... | 97·7 | -2 | W | 6 | bc | 43 | 30 | 8 | 8 | - | - | 4 | 4 | - | 30 | - |
| 8 | Manchester | 98·0 | +2 | SW'W | 4 | c/p | 40 | 29 | 8 | 2 | - | - | 7 | 7 | - | 25 | - |
| | Squires Gate | 96·8 | +4 | W'S | 6 | c-bc | 40 | 33 | 7 | 9 | - | 3 | 5 | 3 | 4 | 15 | 25 |
| | Silloth ... | 93·7 | +2 | W'N | 4 | ps | 39 | 30 | 7 | 3 | 6 | 3 | 6 | 5 | 1 | 18 | - |
| 9 | Ashbourne ... | 98·7 | +2 | WSW | 5 | c-bc | 39 | 35 | 8 | 8 | 7 | 6 | 5 | 3 | 4 | 10 | 25 |
| | Snaith ... | 97·3 | +6 | W'S | 4 | c-bc | 42 | 28 | 7 | 2 | - | - | 5 | 5 | - | 30 | - |
| 10 | Spurn Head | 97·4 | +6 | SW | 6 | $2_o$ | 41 | 32 | 6 | 1 | 3 | - | 5 | 4 | 3 | 25 | 72 |
| | Leeming | 95·1 | +6 | WSW | 5 | bc | 41 | 29 | 8 | 3 | 6 | 3 | 4 | 3 | 3 | 15 | 25 |
| | Tynemouth | 93·6 | +4 | W | 4 | $2_o$ | 41 | 27 | 6 | 2 | - | - | 4 | 4 | - | 20 | - |
| | Acklington | 92·0 | +2 | SW | 5 | b-bc | 40 | 29 | 9 | 2 | - | - | 3 | 3 | - | 30 | - |
| 11 | St. Abb's Head | 90·8 | +2 | WSW | 3 | c-bc | 37 | 29 | 8 | 2 | 3 | - | 5 | 3 | 4 | 25 | - |
| | Leuchars ... | 90·5 | +6 | SW | 4 | c-bc | 39 | 34 | 6 | 2 | 7 | 6 | 5 | 2 | 4 | 35 | - |
| | Montrose ... | 90·4 | -6 | SW | 3 | c-bc | 38 | 33 | 8 | 5 | 7 | 6 | 5 | 1 | 4 | 25 | - |
| 12 | Abbotsinch | 92·0 | +4 | SW | 2 | bc | 38 | 33 | 8 | 2 | 6 | - | 4 | 4 | 2 | 15 | - |
| | Prestwick ... | 92·1 | -2 | SW | 5 | c-bc | 39 | 28 | 8 | 8 | - | - | 5 | 3 | 4 | 20 | 40 |
| | West Freugh | 93·1 | 0 | SW | 5 | c-bc | 38 | 31 | 8 | 8 | - | - | 5 | 4 | 3 | 25 | 40 |
| | Eskdalemuir | 92·3 | 0 | SW'W | 4 | bc | 36 | 28 | 8 | 8 | 3 | - | 4 | 4 | 1 | 25 | - |
| | Jurby, I. of Man | 95·0 | +6 | SW | 5 | c-bc | 40 | 30 | 8 | 2 | 6 | 3 | 5 | 4 | 3 | 20 | - |
| 13A | Machrihanish | 91·2 | -2 | SW'S | 5 | c | 37 | 30 | 8 | 8 | 6 | - | 6 | 3 | 5 | 20 | 25 |
| | Tiree ... | 88·8 | +2 | W | 3 | c/ph | 38 | 34 | 8 | 3 | - | - | 6 | 4 | 4 | 10 | 25 |
| | Oban ... | 90·7 | -2 | SW | 3 | c/ph | 38 | 32 | 8 | 3 | 6 | - | 6 | 1 | 6 | 10 | 25 |
| 13B | Stornoway ... | 87·1 | +2 | SW | 4 | bc | 39 | 30 | 9 | 3 | - | 3 | 4 | 3 | 2 | 25 | - |
| | Cape Wrath | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 89·0 | 0 | SW | 3 | c | 31 | 26 | 7 | 8 | - | 6 | 7 | 4 | 4 | 22 | - |
| | Aberdeen ... | 89·3 | 0 | WSW | 2 | c | 39 | 29 | 8 | 5 | 7 | 8 | 7 | 1 | 4 | 40 | - |
| | Fraserburgh | 88·7 | -2 | W | 2 | c | 38 | 32 | 7 | 5 | 7 | 6 | 7 | 2 | 7 | 50 | - |
| | Alness ... | 88·8 | +2 | - | 0 | c | 35 | 30 | 8 | 1 | 3 | 6 | 6 | 1 | 3 | 25 | - |
| | Wick ... | 88·1 | 0 | SW | 2 | c | 38 | 30 | 9 | 5 | - | 7 | 6 | 1 | 6 | 30 | - |
| 16 | Hatston ... | 87·1 | -6 | W'S | 3 | bc | 41 | 33 | 8 | 1 | 3 | 9 | 4 | 3 | 3 | 25 | - |
| | Sumburgh ... | 86·6 | -8 | NW | 3 | $ir_o$ | 39 | 35 | 8 | 5 | 1 | - | 8 | 5 | 8 | 15 | - |
| | Sullom Voe | 86·9 | -12 | - | 0 | $ro_o$ | 38 | 35 | 7 | 5 | 2 | - | 8 | 2 | 8 | 10 | 15 |
| 17 | Blacksod Point† | 93·5 | +14 | W'S | 4 | c | 40 | 33 | 7 | 6 | - | - | 7 | 7 | - | 15 | - |
| 18 | Malin Head † | 89·9 | +4 | W'N | 6 | iS | 35 | 33 | 7 | 9 | - | - | 5 | 5 | - | 8 | - |
| | Aldergrove | 93·4 | -2 | SW'S | 5 | c | 35 | 30 | 7 | 8 | 6 | 3 | 7 | 3 | 3 | 1 | 25 |
| | Cas. Archdale | 94·3 | +10 | SW | 3 | ps | 32 | 31 | 7 | 9 | 6 | 3 | 7 | 4 | 5 | 8 | 25 |
| 19 | Birr Castle ... † | 97·1 | +6 | WSW | 2 | c | 35 | 33 | 8 | 8 | 1 | - | 7 | 5 | - | 15 | - |
| | Collinstown † | 96·9 | +6 | SW | 5 | ps | 34 | 31 | 5 | 9 | - | - | 7 | 7 | - | 11 | - |
| 20 | Foynes ... † | 98·1 | +6 | W | 4 | c-bc | 40 | 30 | 8 | 3 | 6 | - | 5 | 4 | - | 23 | - |
| | Valentia ... † | 99·4 | 0 | SW'W | 4 | bc | 41 | 34 | 8 | 3 | 6 | 3 | 4 | 4 | - | 25 | - |
| | Roches Point † | 00·3 | -2 | W'N | 8 | bc/ps | 39 | 36 | 8 | 3 | - | 3 | 4 | 3 | - | 15 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

| 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) | 21 h ‡ State of Ground. 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 02·3 | +4 | SW | 3 | $2_o$ | 37 | 34 | 6 | 5 | - | - | 4 | 4 | 4 | 18 | 25 | 1 |
| | Croydon ... | 03·0 | -6 | SWW | 4 | c/bs/pr | 35 | 33 | 5 | 3 | 6 | - | 5 | 4 | 3 | 20 | - | 1 |
| | Boscombe Down | 03·2 | +6 | WSW | 3 | b-bc | 34 | 33 | 8 | 5 | 2 | 3 | 3 | 1 | 3 | 15 | - | 1 |
| | Thorney Island | 04·2 | -6 | WNW | 4 | b-bc | 38 | 35 | 7 | 3 | 3 | - | 3 | 3 | 2 | 25 | - | 0 |
| | Friston ... | | | | | | | | | | | | | | | | | |
| | Lympne ... | 03·5 | -8 | WSW | 4 | pr | 39 | 36 | 7 | 2 | - | - | 7 | 7 | - | 13 | - | 1 |
| | Manston ... | 03·2 | -4 | WSW | 3 | c/pr | 37 | 33 | 7 | 9 | - | - | 6 | 5 | 6 | 12 | - | 1 |
| 2 | North Weald | 01·6 | -6 | SW | 3 | c/bc/phr | 33 | 32 | 5 | 2 | 7 | - | 5 | 4 | 5 | 20 | - | 1 |
| | Felixstowe ... | 02·0 | +4 | SW | 4 | ps | 35 | 35 | 6 | 2 | - | - | 8 | 8 | - | 12 | - | 1 |
| | Gorleston ... | 00·6 | +2 | SWW | 3 | c-bc | 40 | 36 | 7 | 5 | - | - | 5 | 5 | - | 25 | - | 0 |
| | Mildenhall | 00·3 | 0 | SW'S | 3 | c | 38 | 33 | 8 | 8 | 6 | 6 | 7 | 1 | 4 | 20 | 40 | 1 |
| | Bircham Newton | 00·0 | +8 | SSW | 4 | c-bc | 37 | 34 | 7 | 5 | 7 | - | 5 | 4 | 5 | 30 | - | 1 |
| | Cranwell ... | 99·0 | +2 | SW | 3 | c/bc/pr | 36 | 33 | 6 | 3 | - | 2 | 5 | 4 | 4 | 15 | - | 1 |
| 3 | Cranfield ... | 00·8 | -2 | WSW | 4 | c/bc | 36 | 31 | 8 | 4 | - | 3 | 5 | 4 | 3 | 20 | - | 1 |
| | Honiley ... | 99·7 | +4 | SW | 4 | c/bc/ps | 35 | 32 | 5 | 8 | 7 | 2 | 5 | 3 | 4 | 15 | 25 | 1 |
| 4 | Little Rissington | 01·0 | +4 | WSW | 6 | c-bc | 32 | 30 | 7 | 3 | 6 | - | 5 | 3 | 4 | 10 | - | 1 |
| | Shobden ... | 00·6 | +14 | WSW | 4 | c-bc | 37 | 32 | 8 | 3 | 3 | 3 | 5 | 4 | 5 | 25 | - | 1 |
| 5 | Bristol ... | 02·9 | +2 | SW | 4 | $2_o$ | 35 | 34 | 6 | 3 | - | - | 6 | 6 | - | 20 | - | 4 |
| | Chivenor ... | 03·0 | +2 | WSW | 5 | pr | 41 | 36 | 8 | 3 | - | - | 6 | 4 | 6 | 9 | 15 | 1 |
| | Yeovilton | 03·4 | +10 | SW | 3 | bc | 37 | 33 | 8 | 8 | - | - | 4 | 4 | 4 | 30 | - | 2 |
| | Portland Bill | 05·0 | +6 | SW | 5 | c-bc | 42 | 40 | 8 | 5 | - | - | 5 | 5 | - | 50 | - | 1 |
| | Exeter ... | 04·0 | 0 | WSW | 3 | b-bc | 38 | 32 | 8 | 3 | - | 3 | 3 | 2 | 3 | 20 | - | 1 |
| | Plymouth ... | 05·0 | +2 | W | 4 | c-bc | 39 | 36 | 6 | 8 | 4 | - | 5 | 4 | 3 | 10 | 15 | 1 |
| | St. Eval ... | 04·9 | +4 | WSW | 5 | c | 40 | 38 | 8 | 8 | 6 | - | 7 | 4 | 5 | 10 | 25 | 1 |
| | The Lizard | 05·8 | +6 | NNW | 5 | c/bc/pr | 37 | 37 | 7 | 5 | - | - | 5 | 5 | - | 15 | - | 1 |
| | Scilly, St. Marys | 05·7 | +8 | WNW | 6 | c-bc | 41 | 39 | 7 | 8 | 6 | - | 5 | 4 | 3 | 15 | 57 | 1 |
| 6 | Fairwood ... | 01·3 | -2 | WSW | 5 | c | 38 | 32 | 7 | 8 | 6 | - | 6 | 3 | 4 | 15 | 25 | 1 |
| | Pembroke ... | 00·6 | 0 | SWW | 7 | cq | 42 | 38 | 8 | 8 | - | - | 8 | 6 | - | 22 | - | 1 |
| | Aberporth ... | 00·3 | +2 | WSW | 4 | c-bc | 28 | 30 | 8 | 2 | - | - | 5 | 5 | - | 30 | - | 1 |
| 7 | Penrhos ... | 98·5 | +4 | WSW | 4 | c | 39 | 31 | 8 | 2 | 7 | - | 6 | 5 | 4 | 30 | - | 0 |
| | Holyhead, Valley | 98·4 | +10 | WSW | 5 | c | 40 | 29 | 8 | 2 | 6 | - | 6 | 5 | 6 | 25 | - | 0 |
| | Hawarden ... | 98·3 | +4 | W | 5 | pr | 37 | 32 | 6 | 8 | - | - | 7 | 5 | 7 | 15 | 25 | 1 |
| 8 | Manchester | 98·4 | +10 | SW | 2 | c | 35 | 26 | 8 | 2 | - | 5 | 7 | 3 | 6 | 25 | - | 1 |
| | Squires Gate | 97·1 | +8 | W | 5 | c/bc/phr | 38 | 30 | 7 | 9 | 6 | 3 | 5 | 4 | 4 | 12 | - | 1 |
| | Silloth ... | 94·8 | +4 | WSW | 5 | c-bc | 38 | 28 | 8 | 2 | 6 | - | 5 | 4 | 3 | 30 | - | 1 |
| 9 | Ashbourne ... | 99·1 | +10 | WSW | 3 | bc | 34 | 31 | 7 | 3 | - | 2 | 4 | 3 | 4 | 15 | - | 1 |
| | Snaith ... | 98·2 | +10 | WSW | 4 | c/ps | 36 | 30 | 6 | 3 | 6 | 3 | 6 | 4 | 2 | 20 | - | 1 |
| 10 | Spurn Head | 00·4 | +68 | NNW | 4 | c/phr | 37 | 31 | 6 | 8 | 4 | - | 8 | 5 | 3 | 15 | 57 | 1 |
| | Leeming | 96·0 | +10 | SW | 4 | ps | 35 | 29 | 8 | 3 | 6 | 3 | 6 | 5 | 3 | 20 | - | 1 |
| | Tynemouth | 95·5 | +8 | SW | 3 | $2_o$ | 37 | 29 | 5 | 2 | 3 | - | 4 | 3 | 3 | 15 | - | 1 |
| | Acklington | 93·9 | +4 | - | 0 | c-bc | 34 | 29 | 8 | 8 | 6 | - | 5 | 3 | 4 | 20 | 40 | 1 |
| 11 | St. Abb's Head | 92·3 | +12 | WSW | 3 | $s_o s_o$ | 34 | 29 | 1 | 5 | - | - | 8 | 8 | - | 10 | - | 7 |
| | Leuchars ... | 91·4 | +4 | SW | 2 | $2_o$ | 33 | 31 | 6 | 4 | - | 3 | 4 | 3 | 2 | 30 | - | 1 |
| | Montrose ... | 91·2 | +10 | SW | 2 | $2_o$ | 35 | 30 | 6 | 4 | - | - | 2 | 2 | - | 25 | - | 3 |
| 12 | Abbotsinch | 92·7 | +10 | SW | 2 | c-bc/ps | 34 | 33 | 8 | 8 | - | - | 5 | 3 | 5 | 14 | 25 | 4 |
| | Prestwick ... | 93·7 | +18 | W'S | 3 | c | 37 | 38 | 7 | 2 | - | - | 9 | 2 | 3 | 15 | 25 | 1 |
| | West Freugh | 94·6 | +14 | W | 5 | c | 35 | 31 | 8 | 8 | - | - | 6 | 4 | 6 | 25 | 40 | 0 |
| | Eskdalemuir | 93·4 | +14 | SWW | 3 | c | 32 | 27 | 8 | 5 | 7 | - | 6 | 4 | 6 | 18 | - | 8 |
| | Jurby, I. of Man | 95·8 | +6 | WSW | 5 | phr | 38 | 30 | 8 | 9 | 6 | - | 7 | 4 | 6 | 14 | 25 | 1 |
| 13A | Machrihanish | 93·2 | +16 | WSW | 5 | c | 37 | 32 | 7 | 8 | - | - | 7 | 5 | 7 | 15 | 25 | 0 |
| | Tiree ... | 90·8 | +14 | WSW | 3 | bc/phr | 36 | 28 | 8 | 3 | - | 3 | 4 | 4 | 1 | 25 | - | 0 |
| | Oban ... | 92·1 | +14 | WSW | 1 | ps | 34 | 31 | 6 | 9 | 6 | - | 6 | 3 | 5 | 8 | 25 | 1 |
| 13B | Stornoway ... | 88·8 | +12 | SSW | 2 | c-bc | 32 | 30 | 8 | 3 | 6 | 3 | 3 | 2 | 3 | 20 | - | 3 |
| | Cape Wrath | 88·6 | +6 | SW | 3 | ps | 35 | 30 | 9 | 3 | 4 | - | 6 | 4 | - | 25 | - | 4 |
| 15 | Dalwhinnie | 91·0 | +2 | SW | 3 | c-bc | 30 | 25 | 7 | 5 | - | 2 | 5 | 4 | 4 | 21 | - | 8 |
| | Aberdeen ... | 90·5 | +8 | W'S | 1 | bc | 34 | 25 | 7 | 5 | 7 | 8 | 4 | 1 | 3 | 40 | - | 1 |
| | Fraserburgh | 90·3 | +12 | W | 2 | c | 34 | 30 | 7 | 2 | 3 | 2 | 6 | 3 | 4 | 20 | - | 1 |
| | Alness ... | 89·8 | +6 | NW | 1 | bc | 31 | 29 | 8 | 4 | - | 2 | 4 | 3 | 3 | 25 | - | 9 |
| | Wick ... | 89·3 | +12 | WSW | 1 | c | 34 | 30 | 9 | 3 | 7 | 6 | 6 | 1 | 4 | 20 | - | 1 |
| 16 | Hatston ... | 88·0 | +8 | W'S | 4 | c | 37 | 32 | 8 | 2 | 7 | 8 | 7 | 2 | 6 | 25 | - | * |
| | Sumburgh ... | 86·1 | +2 | NW | 4 | c/r | 40 | 34 | 8 | 5 | 7 | - | 8 | 6 | 8 | 18 | - | 1 |
| | Sullom Voe | 86·0 | +2 | W'N | 3 | $ro_o$ | 37 | 35 | 7 | 6 | 2 | - | 8 | 3 | 8 | 15 | 15 | 1 |
| 17 | Blacksod Point† | 95·4 | +14 | W'S | 4 | ps | 35 | 33 | 6 | 9 | - | - | 7 | 7 | - | 8 | - | 4 |
| 18 | Malin Head † | 92·4 | -6 | SW | 4 | ps | 34 | 31 | 8 | 5 | - | - | 4 | 4 | - | 8 | - | 4 |
| | Aldergrove | 94·8 | +18 | SWW | 3 | b-bc | 33 | 32 | 8 | 8 | 6 | - | 3 | 2 | 3 | 10 | 25 | |
| | Cas. Archdale | 95·9 | +4 | SWW | 4 | b-bc | 34 | 29 | 8 | 8 | - | 3 | 3 | 3 | 3 | 20 | 40 | 8 |
| 19 | Birr Castle ... † | 98·5 | +12 | NNW | 2 | ps | 34 | 32 | 4 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| | Collinstown † | 97·9 | +10 | SWW | 4 | b-bc | 34 | 28 | 8 | 3 | - | 3 | 3 | 2 | - | 23 | - | 1 |
| 20 | Foynes ... † | 99·9 | +14 | WW | 4 | bc | 36 | 33 | 8 | 3 | 6 | - | 4 | 4 | - | 18 | - | 1 |
| | Valentia ... † | 01·1 | +12 | W | 5 | c-bc | 42 | 36 | 8 | 3 | 6 | 8 | 5 | 5 | - | 26 | - | 1 |
| | Roches Point † | 01·2 | +8 | W | 3 | b-bc | 39 | 35 | 8 | 3 | - | 3 | 3 | 2 | - | 15 | - | 1 |

## OBSERVATIONS during DAY

| District | Stations | Weather. 06h.–12h. (34) | Weather. 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|---|
| 1 | Kew ... | bcbzoc | crotlhrs | 45 | 4·7 | 3 |
| | Croydon ... | bbcc | cmotpros | 45 | 4·2 | 1 |
| | Boscombe Down | bbcprobbc | cprophrspsbc | 43 | 2·7 | 1 |
| | Thorney Island | bmozoczo | cpromobc | 46 | | 0·4 |
| | Friston ... | | | | | |
| | Lympne ... | bbcc | cjprcpro | 46 | 6·0 | 1 |
| | Manston ... | bbc | bccprajpR | 47 | 5·9 | 2 |
| 2 | North Weald | bczobbc | czotlhmoprsm | 44 | | 1 |
| | Felixstowe ... | bcmobmo | cmocpsomo | 45 | 4·4 | 1 |
| | Gorleston ... | bcq | c | 45 | 5·5 | Tr |
| | Mildenhall | b | cprobcc | 44 | 4·6 | Tr |
| | Bircham Newton | cbcb | cpsoclc | 43 | 3·6 | 0·3 |
| | Cranwell ... | bcmoczo | cprobcmo | 43 | 6·1 | 0·1 |
| 3 | Cranfield ... | bcbbc | c | 44 | | — |
| | Honiley ... | bbc | cprs | 42 | 4·1 | Tr |
| 4 | Little Rissington | bc | cprocbc | 41 | | Tr |
| | Shobden ... | bbcc | ccphbcc | 43 | | Tr |
| 5 | Bristol ... | cmobcphspro | cpro ssbmo | 41 | 2·6 | 8 |
| | Chivenor ... | cphopro | cphpsopro | 44 | 1·7 | 4 |
| | Yeovilton | prc | c | 45 | | 0·5 |
| | Portland Bill | bcc | c | 48 | | - |
| | Exeter ... | bc | c | 45 | 3·7 | Tr |
| | Plymouth ... | bccprc | cprmo | 45 | 1·3 | 9 |
| | St. Eval ... | bcc | cpro soc | 43 | 0·4 | 2 |
| | The Lizard | bccprc | cprc | 44 | 0·9 | 2 |
| | Scilly, St. Marys | cphr | cpoc | 43 | 0·8 | 1 |
| 6 | Fairwood ... | bmobc | cpmoc | 43 | | 1 |
| | Pembroke ... | cqcql | cqprcq | 43 | 1·2 | 0·5 |
| | Aberporth ... | cphrc | cycbc | 43 | 4·2 | 0·2 |
| 7 | Penrhos ... | bcc | c | 48 | 4·7 | Tr |
| | Holyhead, Valley | bcc | c | 41 | | - |
| | Hawarden ... | cmobc | bcproc | 49 | 5·6 | 0·2 |
| 8 | Manchester | bcmozo | jpcyphcbc | 44 | * | 0·1 |
| | Squires Gate | c | cpropros | 43 | | 0·5 |
| | Silloth ... | cbcpho | bccbc | 41 | | Tr |
| 9 | Ashbourne ... | bmopro*bcmo | cbcpshbq | 41 | | - |
| | Snaith ... | irobcy | cypsmo | 43 | 4·9 | Tr |
| 10 | Spurn Head | cmoq | cmo | 42 | 5·6 | 0·4 |
| | Leeming | cbcpro | cpmopso | 44 | 3·6 | 1 |
| | Tynemouth | cbcmo | bcmo | 43 | * | - |
| | Acklington | cbc | bcprobc | 41 | | 0·1 |
| 11 | St. Abb's Head | c | bbcoss | 40 | | 1 |
| | Leuchars ... | cmo | cpromobc | 41 | 4·1 | Tr |
| | Montrose ... | bccbc | bcbcmo | 41 | 4·3 | - |
| 12 | Abbotsinch | bcpho | pchpso | 39 | 4·1 | 2 |
| | Prestwick ... | bccbcz | cpsoprph | 44 | | Tr |
| | West Freugh | bcc | cphbc | 39 | | 0·3 |
| | Eskdalemuir | bc | bccisopH | 37 | 3·2 | 0·4 |
| | Jurby, I. of Man | bpro c | cpro cph | 40 | | 0·1 |
| 13A | Machrihanish | bcc | cpsc | 38 | | Tr |
| | Tiree ... | bcphc | cpsocbcpr | 41 | 2·9 | 1 |
| | Oban ... | cpshprphoc | cphopsmo | 40 | | |
| 13B | Stornoway ... | bcrbc | bcprosobcc | 40 | 5·1 | 0·1 |
| | Cape Wrath | | bccpso | 42 | | 1 |
| 15 | Dalwhinnie | cpsoc | c | 32 | 1·3 | 0·5 |
| | Aberdeen ... | bccbc | cbc | 41 | 1·8 | - |
| | Fraserburgh | oc | c | 41 | | - |
| | Alness ... | bcc | cbc | 41 | 1·5 | - |
| | Wick ... | c | c | 41 | 2·0 | - |
| 16 | Hatston ... | cbc | c | 41 | | |
| | Sumburgh ... | circ | ciroc | 43 | 0·0 | 1 |
| | Sullom Voe | cro ro | cro ro | 42 | | 2 |
| 17 | Blacksod Point† | c | pr | 41 | | 1 |
| 18 | Malin Head † | s | s | 38 | 1·2 | 2 |
| | Aldergrove | cbcc | bc | 36 | 4·8 | 0·1 |
| | Cas. Archdale | bpscpso | cpsbc | 34 | | 3 |
| 19 | Birr Castle ... † | s | s | 38 | 0·9 | 3 |
| | Collinstown † | pr | bc | 37 | 1·9 | 0·3 |
| 20 | Foynes ... † | c | pr | 41 | 2·6 | 4 |
| | Valentia ... † | bc | pr | 43 | 4·8 | 1 |
| | Roches Point † | o | ps | 43 | | 1 |

* Information not usually received.

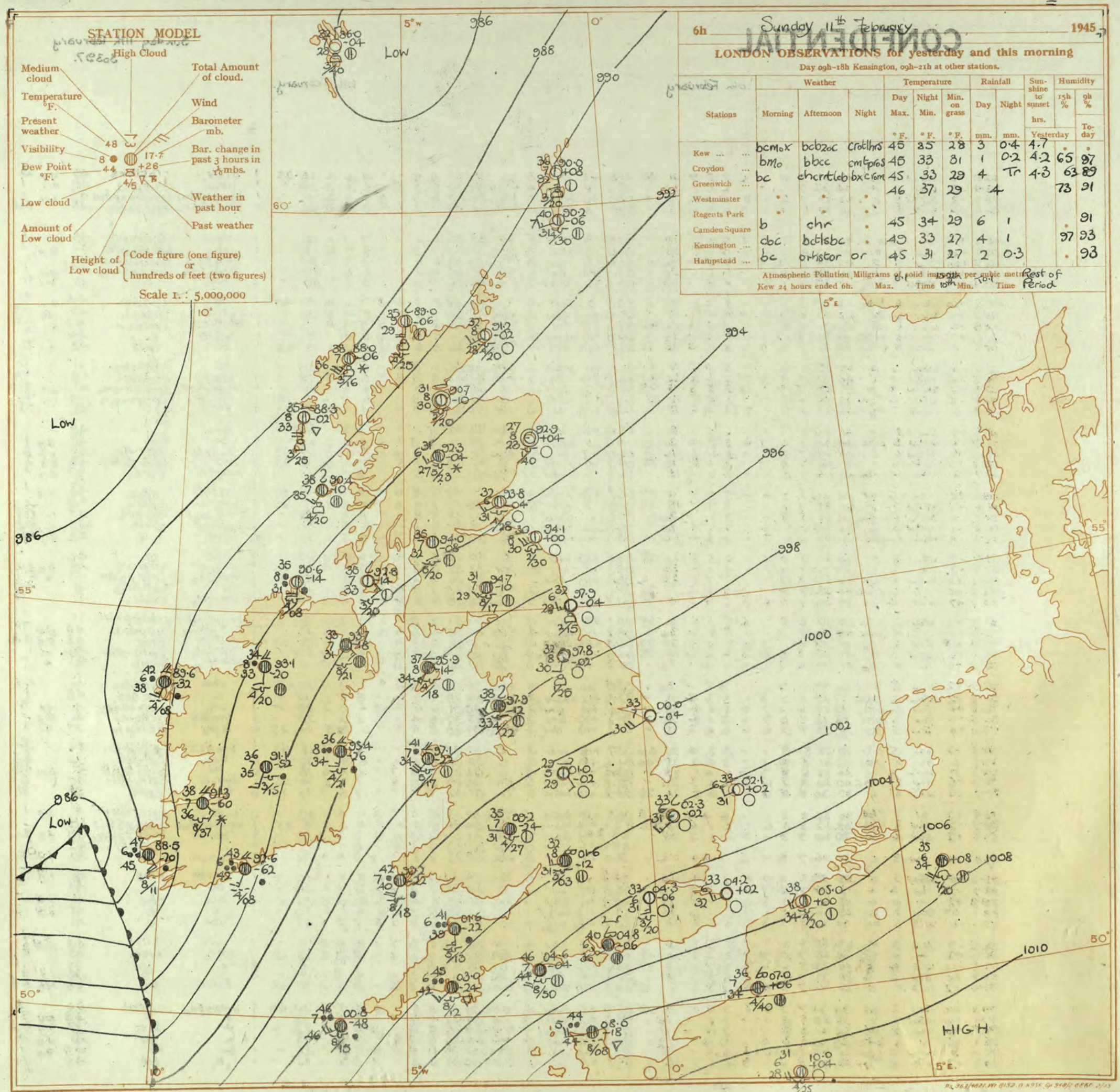
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30):

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.

‡ See footnote p. 4.

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



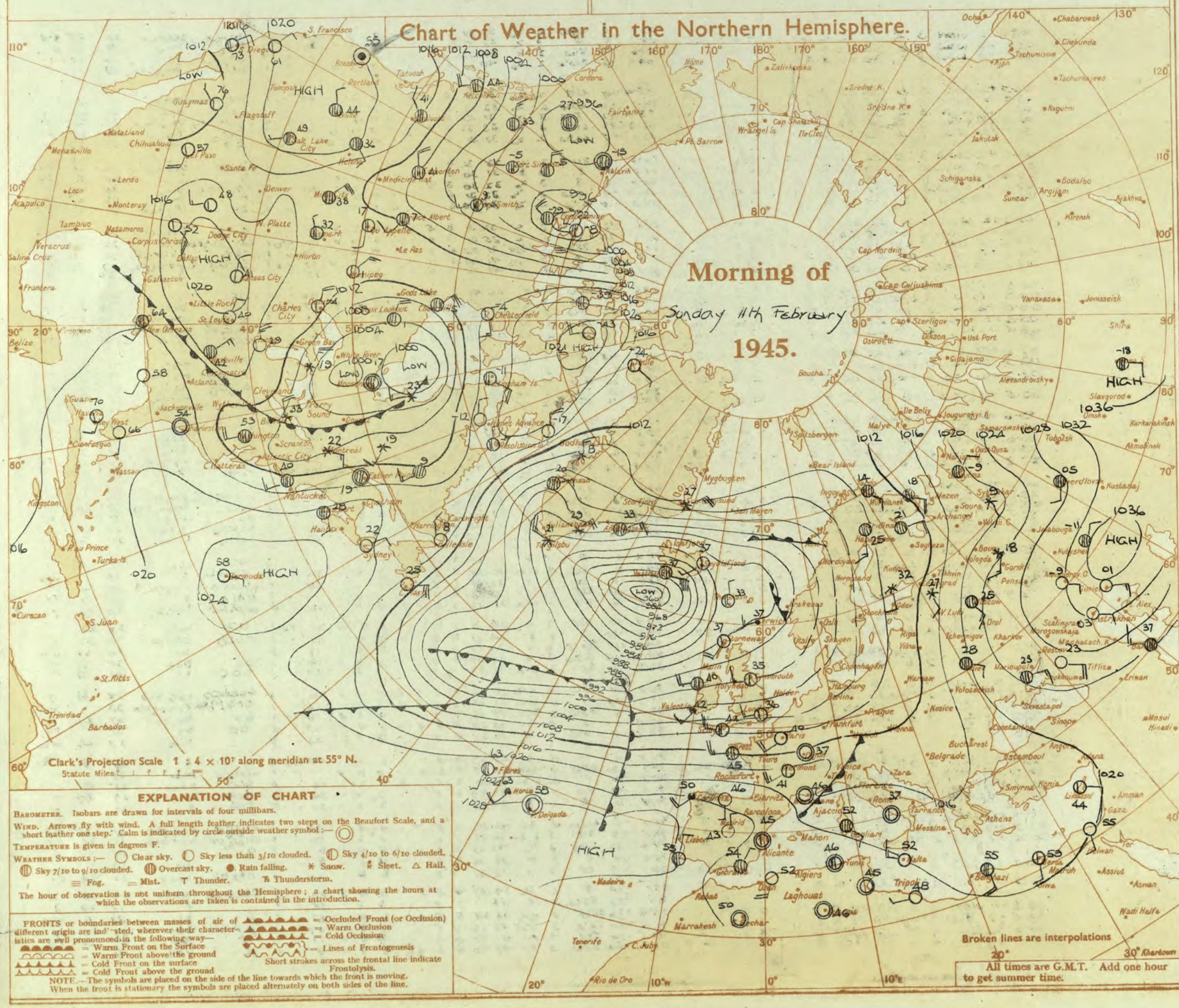

H.M.S.O. Press M.O., Dunstable.

## GENERAL INFERENCE

A depression off southwest Ireland is moving eastsoutheast. There will be occasional sleet or snow over much of England and Wales. Bright intervals will occur later in North England. In Scotland there will be bright intervals and local wintry showers. It will be cold with frost locally at night.

## FURTHER OUTLOOK

Rather cold. Some showers in the North. Occasional rain, sleet or snow 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.

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.

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 11th February 1945 No. 30397

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

| 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 | | * | * | * | * | 36 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 03·9 | 0 | WSW | 3 | $Z_0$ | 36 | 32 | 6 | 3 | - | - | 3 | 3 | - | $Z_0$ | - |
| | Boscombe Down | 417 | 04·2 | +6 | WSW | 3 | b | 34 | 32 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Thorney Island | 10 | 05·1 | +4 | WSW | 5 | $Z_0$ | 39 | 34 | 6 | 4 | - | - | 1 | 1 | - | $Z_0$ | - |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 04·9 | +2 | WS | 3 | b | 33 | 32 | 7 | 5 | - | - | 1 | 1 | - | 18 | - |
| | Manston | 140 | 03·9 | 0 | SW'W | 3 | b | 34 | 31 | 7 | - | - | - | 0 | 0 | - | - | - |
| 2 | North Weald | 244 | 03·1 | 0 | WSW | 3 | $Z_0$ | 33 | 31 | 5 | - | - | - | 0 | 0 | - | - | - |
| | Felixstowe | 10 | 02·9 | +8 | WSW | 3 | $Z_0$ | 35 | 33 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Gorleston | 5 | 01·7 | +6 | WSW | 1 | b | 34 | 31 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Mildenhall | 15 | 02·1 | +10 | SW'W | 3 | b | 34 | 31 | 7 | - | 4 | - | 0 | 1 | - | - | - |
| | Bircham Newton | 221 | 01·1 | +10 | WSW | 4 | b | 32 | 31 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Cranwell | 203 | 00·8 | +10 | SW | 3 | $Z_0$ | 33 | 30 | 5 | - | - | - | 0 | 0 | - | - | - |
| 3 | Cranfield | 340 | 02·0 | 0 | WSW | 4 | b | 34 | 31 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Honiley | 427 | 01·4 | +10 | SSW | 3 | $Z_0$ | 33 | 30 | 6 | - | - | - | 0 | 0 | - | - | - |
| 4 | Little Rissington | 731 | 02·3 | +6 | WSW | 4 | b | 32 | 31 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Shobden | 318 | 01·4 | +6 | WSW | 4 | b | 35 | 30 | 7 | - | - | - | 0 | 0 | - | - | - |
| 5 | Bristol | 209 | 03·4 | +2 | SW | 3 | b/pr | 35 | 34 | 6 | 3 | - | - | 2 | 2 | - | 20 | - |
| | Chivenor | 20 | 04·2 | +6 | W | 4 | b-bc | 41 | 34 | 7 | 2 | - | - | 3 | 3 | - | 20 | - |
| | Yeovilton | 50 | 04·0 | +6 | WSW | 2 | b | 36 | 33 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Portland Bill | 32 | 05·5 | +2 | SW | 5 | bc | 46 | 44 | 8 | 5 | - | - | 4 | 4 | - | 50 | - |
| | Exeter | 100 | 04·8 | +6 | W | 3 | b-bc | 37 | 32 | 7 | 5 | - | - | 3 | 3 | - | 25 | - |
| | Plymouth | 86 | 06·0 | +6 | W | 4 | pr | 41 | 37 | 7 | 8 | - | - | 7 | 5 | 3 | 15 | - |
| | St. Eval | 345 | 05·5 | +2 | WSW | 5 | c | 42 | 37 | 7 | 8 | - | - | 6 | 6 | - | 20 | - |
| | The Lizard | 240 | 06·1 | 0 | W | 6 | c | 44 | 39 | 7 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Scilly, St. Marys | 163 | 07·6 | +12 | W | 5 | bc | 44 | 39 | 8 | 8 | - | - | 4 | 4 | - | 15 | - |
| 6 | Fairwood | 268 | 03·7 | +6 | W | 3 | b-bc | 36 | 33 | 7 | 3 | - | - | 3 | 3 | - | 20 | - |
| | Pembroke | 142 | 02·2 | +4 | W'S | 6 | c-bq | 42 | 30 | 8 | 8 | 1 | - | 5 | 3 | 4 | 21 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 00·5 | +8 | WSW | 2 | b | 36 | 32 | 8 | - | - | - | 0 | 0 | - | - | - |
| | Holyhead, Valley | 32 | 99·6 | +4 | WSW | 5 | b-bc | 38 | 33 | 8 | 1 | - | 5 | 3 | 2 | 3 | 21 | - |
| | Hawarden | 15 | 00·8 | +16 | SW | 2 | b | 36 | 30 | 8 | - | - | - | 0 | 0 | - | - | - |
| 8 | Manchester | 230 | 00·0 | +12 | SW | 4 | $Z_0$ | 33 | 28 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Squires Gate | 30 | 99·0 | +12 | W | 4 | bc | 39 | 32 | 7 | 3 | - | 3 | 4 | 3 | 3 | 15 | - |
| | Silloth | 25 | 97·2 | +14 | W'S | 4 | b | 36 | 29 | 7 | 5 | - | - | 2 | 2 | - | 25 | - |
| 9 | Ashbourne | 596 | 00·4 | +6 | WSW | 2 | $Z_0$ | 31 | 29 | 6 | - | - | - | 0 | 0 | - | - | - |
| | Snaith | 30 | 99·5 | +8 | SSW | 2 | $Z_0$ | 35 | 29 | 6 | 2 | - | - | 5 | 5 | - | 31 | - |
| 10 | Spurn Head | 29 | 00·2 | +10 | SW | 3 | b-bc | 35 | 32 | 7 | 5 | - | - | 3 | 3 | - | 25 | - |
| | Leeming | 105 | 98·1 | +10 | S'W | 2 | b-bc | 33 | 29 | 8 | 4 | - | - | 3 | 3 | - | 25 | - |
| | Tynemouth | 108 | 96·9 | +4 | WSW | 3 | $Z_0$ | 35 | 29 | 6 | 2 | - | - | 3 | 3 | - | 15 | - |
| | Acklington | 138 | 95·9 | +12 | SW'W | 3 | b | 32 | 27 | 8 | - | - | - | 0 | 0 | - | - | - |
| 11 | St. Abb's Head | 280 | 94·2 | +16 | SSW | 2 | b-bc | 31 | 28 | 8 | 4 | - | - | 3 | 3 | - | 20 | - |
| | Leuchars | 31 | 94·2 | +16 | SSW | 2 | b-bc | 31 | 28 | 8 | 4 | - | - | 3 | 3 | - | 20 | - |
| | Montrose | 22 | 93·8 | +10 | SW | 3 | $Z_0$ | 33 | 30 | 6 | 5 | - | - | 2 | 2 | - | 40 | - |
| 12 | Abbotsinch | 19 | 93·4 | +10 | W | 2 | b | 31 | 30 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Prestwick | 30 | 95·6 | +6 | SW | 4 | b | 38 | 30 | 7 | 5 | - | - | 1 | 1 | - | 30 | - |
| | West Freugh | 53 | 96·0 | +16 | WSW | 4 | b | 34 | 31 | 8 | 5 | - | - | 1 | 1 | - | 25 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 97·2 | +6 | SW | 4 | b-bc | 36 | 30 | 8 | 1 | - | - | 3 | 3 | - | 20 | - |
| 13A | Machrihanish | 35 | 94·4 | +4 | W | 2 | b | 31 | 30 | 7 | - | - | - | 0 | 0 | - | - | - |
| | Tiree | 44 | 91·5 | 0 | SW'S | 3 | b | 38 | 31 | 8 | - | - | - | 0 | 0 | - | - | - |
| | Oban | 76 | 93·8 | +4 | - | 0 | b-bc/hr | 35 | 33 | 8 | 3 | - | - | 3 | 3 | - | 20 | - |
| 13B | Stornoway | 12 | 89·0 | +6 | SSW | 4 | b | 37 | 33 | 8 | 3 | - | - | 3 | 3 | - | 20 | - |
| | Cape Wrath | 367 | 89·4 | +2 | S | 3 | bc | 34 | 31 | 9 | 8 | 6 | - | 4 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | 31 | | | | | | | | | | |
| | Fraserburgh | 76 | 92·3 | +12 | W'S | 2 | bc | 31 | 28 | 7 | 5 | - | 2 | 4 | 3 | 2 | 30 | - |
| | Alness | 63 | 91·5 | +2 | WSW | 3 | b | 29 | 27 | 8 | - | - | - | 0 | 0 | - | - | - |
| | Wick | 114 | 91·2 | +10 | WSW | 2 | b | 31 | 26 | 8 | - | - | - | 0 | 0 | - | - | - |
| 16 | Hatston | 45 | 90·0 | +10 | SW'W | 3 | b-bc | 34 | 32 | 7 | 5 | - | - | 3 | 3 | - | 30 | - |
| | Sumburgh | 15 | 88·8 | +12 | WNW | 2 | d | 38 | 34 | 7 | 5 | 2 | - | 8 | 6 | 8 | 15 | - |
| | Sullom Voe | 12 | 89·9 | +12 | W | 3 | pr | 37 | 35 | 6 | 9 | - | - | 7 | 3 | 7 | 10 | 15 |
| 17 | Blacksod Point † | 18 | 95·4 | +2 | W'S | 4 | c | 40 | 33 | 7 | 9 | - | - | 7 | 7 | - | 8 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 96·4 | +2 | SW'S | 3 | b | 31 | 30 | 8 | 5 | - | - | 2 | 1 | - | 20 | - |
| | Cas. Archdale | 240 | 97·0 | 0 | SW | 4 | b/ps | 34 | 31 | 8 | 3 | - | - | 1 | 1 | - | 18 | - |
| 19 | Birr Castle † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 20 | Foynes † | 3 | 98·9 | +6 | WSW | 4 | b | 33 | 28 | 8 | - | - | - | 0 | 0 | - | - | - |
| | Valentia † | 30 | 99·8 | -2 | SW | 3 | b-bc/pr | 38 | 33 | 8 | 3 | - | - | 3 | 3 | - | 22 | - |
| | Roches Point † | 22 | 00·6 | -10 | SSW | 3 | rr | 42 | 40 | 7 | 6 | - | - | 8 | 8 | - | 18 | - |
| | | | 02·1 | -2 | W | 1 | c | 37 | 32 | 8 | 3 | 1 | - | 6 | 4 | - | 15 | - |

† Minimum temperature and rainfall read at 9700. Birr Castle reports at 0700.

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

| 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. 9+ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Croydon | 03·4 | 0 | SSW | 2 | $Z_0$ | 37 | 34 | 6 | 5 | - | - | 7 | 7 | - | 18 | - | 1 |
| Boscombe Down | 04·3 | -6 | S | 3 | $Z_0$ | 33 | 31 | 6 | 5 | - | - | 3 | 3 | - | 20 | - | 1 |
| Thorney Island | 03·6 | -10 | S'W | 3 | c | 35 | 33 | 7 | - | - | 7 | 8 | 8 | - | - | - | 1 |
| Friston | 04·8 | -6 | SW'W | 2 | $Z_0$ | 40 | 36 | 6 | - | 7 | 7 | 8 | 3 | 8 | - | - | 1 |
| Lympne | 05·4 | +4 | WS | 2 | $Z_0$ | 32 | 31 | 6 | 5 | 4 | - | 2 | 2 | 1 | 22 | - | 1 |
| Manston | 04·2 | +2 | WSW | 3 | $Z_0$ | 33 | 33 | 6 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| North Weald | 03·4 | -2 | SW | 3 | $Z_0$ | 31 | 29 | 5 | - | - | 2 | 4 | 4 | - | - | - | 4 |
| Felixstowe | 03·3 | +2 | WSW | 3 | $Z_0$ | 33 | 32 | 6 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Gorleston | 02·1 | +2 | WSW | 2 | $Z_0$ | 33 | 31 | 6 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Mildenhall | 02·3 | -2 | SW'S | 2 | $Z_0$ | 33 | 31 | 6 | - | - | - | 1 | 1 | - | - | - | 1 |
| Bircham Newton | 01·5 | -2 | S | 3 | b | 31 | 30 | 8 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Cranwell | 00·9 | -4 | S | 3 | $Z_0$ | 32 | 30 | 5 | 5 | - | - | 3 | 3 | - | 30 | - | 3 |
| Cranfield | 02·3 | -4 | SW | 3 | $Z_0$ | 33 | 31 | 6 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Honiley | 00·9 | -10 | SSW | 3 | $Z_0$ | 34 | 30 | 6 | - | - | 6 | 5 | 5 | - | - | - | 1 |
| Little Rissington | 01·6 | -12 | WSW | 3 | c | 32 | 31 | 8 | 5 | 7 | - | 8 | 3 | 8 | 3 | - | 1 |
| Shobden | 92·2 | -24 | W | 1 | c | 35 | 31 | 7 | 5 | - | - | 8 | 4 | 8 | 27 | 40 | 1 |
| Bristol | 02·1 | -12 | SSE | 3 | b/pr | 37 | 35 | 6 | 5 | - | - | 4 | 8 | - | 28 | - | 1 |
| Chivenor | 01·6 | -22 | S | 3 | $r_0v_0$ | 41 | 39 | 6 | 5 | - | - | 8 | 5 | 8 | 13 | 32 | 1 |
| Yeovilton | 02·9 | -18 | SW | 4 | c | 40 | 36 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Portland Bill | 04·6 | -4 | SSW | 4 | c | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| Exeter | 03·2 | -14 | SSE | 2 | $r_0v_0$ | 39 | 38 | 7 | 5 | - | - | 8 | 4 | 8 | 15 | 25 | 1 |
| Plymouth | 03·0 | -24 | SW | 3 | $r_0v_0$ | 42 | 42 | 6 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| St. Eval | 01·6 | -34 | SSW | 4 | rr | 42 | 42 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| The Lizard | 03·0 | -24 | W | 5 | rr | 45 | 44 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| Scilly, St. Marys | 00·8 | -48 | SW'W | 5 | $r_0v_0$ | 46 | 46 | 7 | 5 | - | - | 8 | 8 | - | - | - | 2 |
| Fairwood | 00·2 | -22 | SSW | 2 | rr | 38 | 37 | 6 | - | 2 | - | 8 | 8 | - | 5 | - | 1 |
| Pembroke | 99·2 | -22 | S'W | 4 | $i_0$ | 42 | 40 | 7 | 5 | - | - | 8 | 8 | - | 18 | - | 1 |
| Aberporth | 99·3 | -18 | SSW | 3 | rr | 38 | 35 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| Penrhos | 98·3 | -16 | SSW | 3 | $r_0v_0$ | 39 | 36 | 7 | - | 2 | - | 8 | 8 | - | 40 | - | 1 |
| Holyhead, Valley | 97·1 | -22 | SW'S | 6 | $i_0$ | 41 | 39 | 7 | 5 | 2 | - | 8 | 5 | 8 | 17 | - | 1 |
| Hawarden | 99·3 | -14 | S | 2 | $Z_0$ | 34 | 31 | 6 | 5 | - | 6 | 5 | 3 | 5 | 35 | - | 1 |
| Manchester | 99·5 | -6 | S | 4 | $Z_0$ | 31 | 27 | 6 | - | 4 | - | 1 | 1 | - | 130 | - | 1 |
| Squires Gate | 97·9 | -12 | SW | 4 | c | 38 | 33 | 7 | 5 | - | 6 | 7 | 4 | 5 | 22 | - | 1 |
| Silloth | 95·6 | -12 | S'W | 3 | c | 35 | 32 | 7 | 8 | - | - | 6 | 4 | 6 | 25 | 40 | 1 |
| Ashbourne | 01·0 | -2 | SE | 1 | $Z_0$ | 29 | 29 | 5 | - | - | 1 | 1 | 1 | - | - | - | 1 |
| Snaith | 99·5 | -6 | SSW | 3 | $Z_0$ | 31 | 28 | 6 | - | - | - | 0 | 0 | 0 | - | - | 3 |
| Spurn Head | 00·0 | -4 | SW | 4 | b | 33 | 30 | 7 | - | - | - | 0 | 0 | 0 | - | - | 5 |
| Leeming | 97·8 | -2 | S | 2 | b | 32 | 30 | 8 | 2 | - | - | 1 | 1 | - | 25 | - | 3 |
| Tynemouth | 97·9 | -4 | WSW | 3 | $Z_0$ | 32 | 29 | 6 | 2 | - | - | 2 | 2 | - | 15 | - | 3 |
| Acklington | 96·2 | 0 | S | 2 | b | 31 | 28 | 8 | - | 4 | - | 1 | 1 | - | - | - | 3 |
| St. Abb's Head | 94·1 | 0 | SW | 4 | b-bc | 30 | 30 | 8 | 4 | - | - | 3 | 2 | - | 30 | - | 1 |
| Leuchars | 93·8 | -4 | SW | 3 | $Z_0$ | 32 | 31 | 6 | 5 | - | - | 4 | 4 | - | 28 | - | 1 |
| Montrose | 94·1 | -2 | SSE | 1 | TLH | 29 | 27 | 8 | 9 | 9 | - | 0 | 0 | 0 | - | - | 3 |
| Abbotsinch | 94·0 | -8 | S'E | 2 | c-bc | 35 | 32 | 7 | 5 | - | - | 5 | 5 | - | 20 | - | 4 |
| Prestwick | 94·4 | -10 | SSE | 3 | c | 35 | 31 | 7 | 5 | - | - | 6 | 4 | 6 | 20 | 40 | 1 |
| West Freugh | 94·5 | -14 | S | 2 | bc | 34 | 31 | 8 | 5 | - | 2 | 4 | 4 | - | 15 | - | 1 |
| Eskdalemuir | 94·7 | -10 | SW'S | 3 | c | 31 | 29 | 7 | 5 | - | - | 8 | 8 | - | 17 | - | 8 |
| Jurby, I. of Man | 95·9 | -14 | SSW | 3 | c | 37 | 34 | 8 | 5 | 1 | - | 7 | 4 | 7 | 18 | - | 0 |
| Machrihanish | 92·8 | -14 | SE | 3 | b-bc | 35 | 33 | 7 | 5 | - | - | 3 | 3 | - | 20 | - | 0 |
| Tiree | 90·4 | -10 | SSW | 3 | c-bc | 38 | 35 | 7 | 3 | - | 6 | 5 | 4 | 5 | 20 | - | 1 |
| Oban | 92·3 | -14 | - | 0 | b-bc | 35 | 34 | 7 | 3 | - | - | 3 | 3 | - | 20 | - | 1 |
| Stornoway | 88·0 | -6 | SSW | 5 | b/ps | 38 | 36 | 7 | 3 | - | - | 4 | 3 | 4 | 16 | 15 | 1 |
| Cape Wrath | 89·0 | -6 | S | 4 | bc | 35 | 29 | 8 | 8 | 4 | - | 4 | 4 | - | 25 | - | 4 |
| Dalwhinnie | 92·9 | -4 | SW | 3 | $Z_0$ | 31 | 27 | 6 | 5 | - | - | 5 | 5 | - | 23 | - | 8 |
| Aberdeen | 92·9 | +4 | - | 0 | b | 27 | 23 | 8 | 5 | - | - | 1 | 1 | 1 | 40 | 40 | 3 |
| Fraserburgh | 92·7 | -2 | SSW | 3 | TLH | 29 | 25 | 8 | 9 | 9 | - | 0 | 0 | 0 | - | - | 1 |
| Alness | 90·7 | -10 | - | 0 | b-bc | 31 | 30 | 8 | 5 | - | 8 | 3 | 2 | 3 | 20 | - | 3 |
| Wick | 91·2 | -2 | SW | 3 | b | 32 | 28 | 8 | 5 | - | - | 2 | 2 | - | 30 | - | 3 |
| Hatston | 90·4 | 0 | S | 2 | b | 32 | 29 | 7 | 5 | - | - | 2 | 2 | - | 25 | - | 0 |
| Sumburgh | 90·2 | -6 | WSW | 4 | bc | 40 | 31 | 7 | 5 | - | - | 4 | 4 | | 30 | - | 1 |
| Sullom Voe | 90·0 | +8 | S'E | 3 | b-bc | 36 | 32 | 7 | 2 | - | - | 3 | 3 | - | 30 | - | 1 |
| Blacksod Point | 89·6 | -32 | SSW | 3 | $i_0$ | 42 | 37 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - | 2 |
| Malin Head | 90·6 | -14 | S | 4 | rr | 35 | 30 | 8 | 5 | - | - | 4 | 4 | - | 8 | - | 2 |
| Aldergrove | 93·7 | -18 | SE | 3 | c | 33 | 31 | 7 | 5 | - | - | 8 | 8 | - | 21 | - | 1 |
| Cas. Archdale | 93·1 | -20 | S | 2 | $i_0$ | 34 | 33 | 8 | 5 | 2 | - | 8 | 4 | 8 | 20 | - | 7 |
| Birr Castle | 91·1 | -52 | SSW | 3 | c | 36 | | 7 | 5 | - | - | 8 | 3 | - | 15 | - | 1 |
| Collinstown | 95·8 | -26 | SSW | 3 | $r_0v_0$ | 36 | 34 | 8 | 5 | 2 | - | 8 | 4 | - | 21 | - | 1 |
| Foynes | 91·3 | -60 | SE'E | 3 | c/ps | 38 | 36 | 7 | 5 | 2 | - | 8 | 8 | - | 37 | - | 1 |
| Valentia | 88·5 | -70 | SSE | 4 | rr | 47 | 45 | 6 | 6 | - | - | 8 | 8 | - | 11 | - | 1 |
| Roches Point | 92·6 | -62 | SSW | 3 | rr | 43 | 42 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather. 18h.–00h. (39) | Weather. 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Croydon | bcm$_0$x | bccm$_0$x | 35 | 28 | 0·4 |
| Boscombe Down | bm$_0$ | bm$_0$x | 33 | 31 | 0·2 |
| Thorney Island | bcbr$_0$s | bbcc | 32 | 27 | 1 |
| Friston | bcbbm$_0$ | bm$_0$bcm$_0$ | 37 | 33 | 1 |
| Lympne | pr$_0$bcbx | bxbm$_0$ | 31 | 29 | — |
| Manston | cprcb | bcc | 32 | 29 | — |
| North Weald | bcm$_0$bm$_0$ | bm$_0$bm$_0$x | 31 | 28 | Tr |
| Felixstowe | bm$_0$ | bm$_0$ | 32 | 28 | 0·1 |
| Gorleston | blb | bz | 32 | 27 | — |
| Mildenhall | cbbx | bcbm$_0$ | 32 | 27 | Tr |
| Bircham Newton | b | b | 30 | 31 | Tr |
| Cranwell | cm$_0$bm$_0$ | bm$_0$ | 30 | 27 | — |
| Cranfield | b | bm$_0$ | 32 | 27 | — |
| Honiley | bx | bbcm$_0$x | 31 | 26 | Tr |
| Little Rissington | bccb | bxbccx | 30 | 27 | 0·3 |
| Shobden | cbccpr$_0$sb | bbcc | 33 | 25 | 1 |
| Bristol | cpr$_0$ | bbcv$_0$c | 34 | 31 | 4 |
| Chivenor | clrbcpr$_0$c | bccv$_0$$_0$m$_0$ | 37 | 34 | 5 |
| Yeovilton | bb | bcprc | 34 | | 2 |
| Portland Bill | bc | cc | 43 | * | 3 |
| Exeter | b | bcv$_0$$_0$ | 36 | 30 | 4 |
| Plymouth | cprm$_0$ | cpr$_0$cr$_0$$_0$m$_0$ | 37 | 30 | 15 |
| St. Eval | cbccphr | ccpr$_0$cvm$_0$ | 35 | 33 | 14 |
| The Lizard | cbcc | ci'rrr | 41 | * | 15 |
| Scilly, St. Marys | bc | cr$_0$v$_0$ | 41 | * | 11 |
| Fairwood | bcpsh. | cr$_0$vm$_0$ | 34 | 29 | 6 |
| Pembroke | bcpcq | cqi$_0$cr$_0$ | 41 | * | 0·5 |
| Aberporth | | ovrm$_0$ | 36 | 34 | 5 |
| Penrhos | b | bccr$_0$v$_0$ | 33 | 31 | 2 |
| Holyhead, Valley | cb | bcc | 36 | 34 | 1 |
| Hawarden | b | bbcc | 33 | 22 | — |
| Manchester | cbm$_0$ | bm$_0$ | 30 | 24 | — |
| Squires Gate | bccpshbc | cpr$_0$bcc | 33 | 33 | Tr |
| Silloth | bcb | bcbx | 33 | 29 | — |
| Ashbourne | bcbbm$_0$xZ$_0$ | bm$_0$x | 28 | 19 | — |
| Snaith | bccz$_0$ | bcm$_0$bcm$_0$ | 28 | 27 | Tr |
| Spurn Head | bc | bcb | 33 | * | Tr |
| Leeming | bcpsob | b, bc, b | 31 | 25 | — |
| Tynemouth | bcm$_0$ | bcbm$_0$ | 31 | 27 | — |
| Acklington | bcb | bbr | 27 | 23 | — |
| St. Abb's Head | bgsbcb | b | 29 | * | Tr |
| Leuchars | bcm$_0$bm$_0$ | cm$_0$cm$_0$b | 30 | 24 | — |
| Montrose | bm$_0$b | b | 27 | 17 | Tr |
| Abbotsinch | bcpnbcx | bcx, b | 32 | 26 | 1 |
| Prestwick | bcb | bcbc | 30 | 23 | — |
| West Freugh | cbcb | bbx bcx | 39 | 33 | — |
| Eskdalemuir | | bcc | 26 | 21 | 0·2 |
| Jurby, I. of Man | bc | bcc | 35 | 31 | — |
| Machrihanish | cbc | bc, | 31 | 29 | — |
| Tiree | bcbbcb | cpr$_0$bcb | 34 | 33 | 4 |
| Oban | cpsbp$_0$cbccp3pr$_0$hbc | | 33 | * | * |
| Stornoway | bx | bx, bc | 33 | 27 | 1 |
| Cape Wrath | bc | bc | 31 | * | Tr |
| Dalwhinnie | * | cis$_0$ | 25 | 23 | 0·2 |
| Aberdeen | b | b | 26 | 19 | — |
| Fraserburgh | cbbcx | bcbx | 27 | | — |
| Alness | bcb | bbcxc | 25 | 18 | — |
| Wick | bcb | b | 29 | 24 | — |
| Hatston | bc | b | 30 | * | — |
| Sumburgh | crrpc | cid$_0$cbc | 37 | 35 | 0·3 |
| Sullom Voe | crrbpr | cpr bcb | 35 | 34 | 0·6 |
| Blacksod Point | c | c | 34 | * | 6 |
| Malin Head | | bc | 33 | * | 1 |
| Aldergrove | bcxbx | bcx | 31 | 28 | 0·1 |
| Cas. Archdale | cbcpsb | bbcc | 32 | 26 | 2 |
| Birr Castle | * | c | 30 | 28 | 3 |
| Collinstown | b | bbc | 33 | 31 | 0·2 |
| Foynes | pr | bbc | 34 | 31 | 7 |
| Valentia | rf | bc | 40 | 35 | 14 |
| Roches Point | c | bbc | 36 | * | 8 |

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.
‡ Second figure in col. (33) gives depth of snow in inches.

Page 1.

BRITISH SECTION

CONFIDENTIAL

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

Monday 12th February 1945

No. 30398

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

| 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 | 96·2 | -52 | SE'S | 3 | dd | 40 | 39 | 4 | 6 | 2 | - | 8 | 7 | 8 | 12 | 25 |
| | Croydon | 96·9 | -60 | SE | 3 | dodo | 40 | 38 | 5 | 5 | - | - | 8 | 5 | 8 | 7 | 15 |
| | Boscombe Down | 94·8 | -70 | S | 4 | dodo | 43 | 43 | 6 | - | 2 | - | 8 | 8 | - | 2 | - |
| | Thorney Island | 97·3 | -54 | S | 4 | dd | 43 | 43 | 4 | 5 | 2 | - | 8 | 6 | 8 | 8 | 15 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 99·8 | -42 | SW | 3 | roro | 41 | 40 | 5 | 5 | - | - | 8 | 4 | 8 | 6 | 15 |
| | Manston | 00·7 | -30 | SW | 2 | m | 40 | 38 | 6 | 6 | 2 | - | 8 | 5 | 8 | 10 | 25 |
| 2 | North Weald | 97·1 | -50 | S | 3 | roro | 35 | 35 | 4 | 5 | 2 | - | 8 | 5 | 8 | 5 | 15 |
| | Felixstowe | 99·7 | -26 | S | 3 | ro | 39 | 38 | 5 | - | 2 | - | 8 | 8 | - | 60 | - |
| | Gorleston | 00·0 | -20 | SW | 3 | c | 36 | 34 | 7 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Mildenhall | 98·0 | -34 | S | 3 | roro | 37 | 34 | 5 | 5 | 2 | - | 8 | 3 | 8 | 25 | 40 |
| | Bircham Newton | 99·4 | -12 | S | 3 | roro | 36 | 34 | 6 | 5 | - | - | 8 | 4 | 8 | 25 | 40 |
| | Cranwell | 97·0 | -26 | SE | 3 | ido | 34 | 34 | 6 | 5 | - | - | 8 | 5 | 8 | 5 | 25 |
| 3 | Cranfield | 97·7 | -38 | SSE | 4 | roro | 36 | 34 | 6 | 5 | - | - | 8 | 4 | 8 | 6 | 40 |
| | Honiley | 94·4 | -44 | SE | 4 | dodo | 35 | 35 | 5 | - | 2 | - | 8 | 8 | - | 5 | - |
| 4 | Little Rissington | 93·7 | -56 | SSE | 4 | df | 35 | 35 | 2 | - | - | - | 9 | 9 | - | 0 | - |
| | Shobden | 93·1 | -42 | SE | 2 | roro | 38 | 37 | 5 | 5 | 2 | - | 8 | 4 | 5 | 1 | 8 |
| 5 | Bristol | 93·1 | -62 | SSE | 2 | dodo | 42 | 42 | 5 | 6 | 2 | - | 8 | 5 | 8 | 5 | 15 |
| | Chivenor | 93·2 | -26 | WSW | 6 | dr | 49 | 49 | 6 | 5 | - | - | 8 | 5 | 8 | 3 | 4 |
| | Yeovilton | 92·7 | -58 | SSE | 3 | roro | 47 | 46 | 8 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| | Portland Bill | 95·2 | -50 | SW | 5 | m | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 93·0 | -48 | WNW | 6 | roro | 53 | 50 | 5 | 6 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| | Plymouth | 95·5 | -14 | W'S | 7 | ido | 51 | 50 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 8 |
| | St. Eval | 95·6 | +6 | WSW | 6 | df | 50 | 49 | 3 | 5 | - | - | 8 | 8 | - | - | - |
| | The Lizard | 56·6 | +16 | W | 7 | %r | 50 | 50 | 5 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Scilly, St. Marys | 96·7 | +20 | W | 7 | c/d | 51 | 51 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 6 | Fairwood | 91·1 | -42 | SSE | 2 | dodo | 41 | 41 | 4 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Pembroke | 89·6 | -38 | WSW | 7 | cq | 48 | 48 | 6 | 5 | - | - | 8 | 8 | - | 13 | - |
| | Aberporth | 90·2 | -36 | S | 4 | ido | 41 | 40 | 8 | 6 | 2 | - | 8 | 5 | 8 | 10 | 40 |
| 7 | Penrhos | 91·5 | -30 | SE | 4 | dodo | 40 | 40 | 5 | 5 | - | - | 8 | 6 | 8 | 4 | 25 |
| | Holyhead, Valley | 91·7 | -22 | SE'E | 3 | roro | 40 | 39 | 5 | 6 | 2 | - | 8 | 5 | 8 | 6 | 8 |
| | Hawarden | 94·0 | -26 | SE | 2 | rs | 37 | 37 | 4 | 5 | 2 | - | 8 | 5 | 8 | 20 | 72 |
| 8 | Manchester | 95·4 | -22 | SE'S | 3 | roro | 36 | 34 | 6 | - | 2 | - | 8 | 8 | - | 20 | - |
| | Squires Gate | 94·4 | -18 | SE | 3 | roro | 36 | 35 | 4 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Silloth | 93·4 | -10 | S | 3 | c | 39 | 35 | 8 | 5 | 7 | - | 8 | 3 | 8 | 20 | - |
| 9 | Ashbourne | 95·3 | -34 | ESE | 3 | rs | 33 | 33 | 3 | - | 2 | - | 8 | 8 | - | 35 | - |
| | Snaith | 96·1 | -22 | SE | 3 | iSo | 35 | 32 | 5 | - | 2 | - | 8 | 8 | - | 30 | - |
| 10 | Spurn Head | 98·1 | -18 | S | 4 | Z | 36 | 33 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Leeming | 95·3 | -14 | SE | 1 | Z | 34 | 31 | 5 | 5 | 7 | - | 8 | 3 | 8 | 50 | - |
| | Tynemouth | 96·0 | -10 | SSW | 3 | Z | 38 | 33 | 5 | 2 | 3 | 1 | 4 | 4 | 3 | 24 | - |
| | Acklington | 94·4 | -10 | S | 3 | cf | 38 | 31 | 5 | 5 | 7 | - | 6 | 3 | 5 | 30 | - |
| 11 | St. Abb's Head | 93·7 | 0 | S | 1 | b-bc | 36 | 30 | 8 | 4 | 4 | 8 | 3 | 2 | - | 25 | - |
| | Leuchars | 93·5 | -4 | S | 1 | ebc | 40 | 32 | 7 | - | 4 | 6 | 5 | 2 | 4 | - | - |
| | Montrose | 94·3 | -2 | SW | 1 | Z | 36 | 28 | 6 | 5 | 7 | 2 | 4 | 2 | 3 | 20 | 40 |
| 12 | Abbotsinch | 93·1 | -6 | - | 0 | rf | 38 | 34 | 3 | 5 | 7 | - | 8 | 2 | 5 | 10 | 15 |
| | Prestwick | 92·8 | -6 | S | 2 | c/r | 40 | 34 | 7 | 5 | 7 | - | 8 | 5 | 5 | 13 | 40 |
| | West Freugh | 92·6 | -14 | SSE | 2 | roro | 40 | 38 | 7 | 5 | - | - | 8 | 4 | 8 | 8 | 25 |
| | Eskdalemuir | 93·4 | +4 | S | 1 | iSo | 33 | 31 | 6 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Jurby, I. of Man | 93·0 | -12 | SE | 2 | rr | 39 | 37 | 7 | 5 | 2 | - | 8 | 3 | 8 | 12 | 25 |
| 13A | Machrihanish | 91·7 | +2 | SSE | 2 | ido | 39 | 35 | 7 | 5 | 2 | - | 8 | 4 | 5 | 10 | 15 |
| | Tiree | 90·1 | 0 | S | 4 | pr | 41 | 37 | 7 | 2 | 7 | - | 8 | 4 | 5 | 15 | 25 |
| | Oban | 92·4 | -4 | - | 0 | c | 38 | 35 | 8 | 5 | 7 | 8 | 7 | 4 | 5 | 20 | 40 |
| 13B | Stornoway | 88·8 | +6 | SSW | 5 | bc | 42 | 37 | 8 | 2 | 6 | - | 4 | 3 | 4 | 20 | 25 |
| | Cape Wrath | 89·9 | +6 | SW | 3 | bc | 38 | 30 | 9 | 8 | 4 | - | 4 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 92·4 | 0 | SW | 4 | c | 33 | 27 | 7 | 7 | - | - | 6 | 6 | - | 22 | - |
| | Aberdeen | 92·9 | +2 | SW'S | 3 | b | 38 | 28 | 7 | - | 4 | - | 1 | 1 | 1 | - | - |
| | Fraserburgh | 92·9 | 0 | SW | 2 | b-bc | 37 | 29 | 8 | 5 | 4 | 1 | 3 | 2 | 2 | 40 | - |
| | Alness | 91·5 | +4 | WNW | 1 | ebc | 38 | 33 | 8 | 8 | - | 2 | 5 | 1 | 2 | 25 | 40 |
| | Wick | 91·3 | 0 | S | 3 | b | 40 | 30 | 8 | 5 | - | 9 | 1 | 1 | 1 | 40 | - |
| 16 | Hatston | 90·9 | +2 | SW'S | 4 | b | 40 | 34 | 8 | 1 | 4 | 4 | 2 | 2 | 2 | 30 | - |
| | Sumburgh | 91·9 | +6 | SSW | 3 | ebc | 41 | 31 | 9 | 2 | 4 | 3 | 5 | 4 | 1 | 25 | - |
| | Sullom Voe | 92·2 | +10 | S | 2 | ebc | 40 | 34 | 8 | 5 | 6 | 1 | 5 | 1 | 4 | 25 | - |
| 17 | Blacksod Point† | 90·3 | +12 | W'S | 3 | PR | 45 | 44 | 6 | - | 2 | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head † | 89·7 | +6 | SSW | 3 | roro | 37 | 35 | 7 | 6 | 2 | - | 8 | 3 | - | 8 | - |
| | Aldergrove | 91·7 | -4 | SE | 1 | roro | 36 | 35 | 6 | - | 2 | - | 8 | 8 | - | 8 | - |
| | Cas. Archdale | 91·6 | -4 | SSE | 1 | c/r | 35 | 34 | 8 | 5 | - | - | 8 | 3 | 8 | 8 | 25 |
| 19 | Birr Castle ... † | 91·4 | +14 | W | 2 | c | 42 | 41 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Collinstown † | 91·3 | -6 | E'N | 1 | roro | 41 | 40 | 7 | 5 | 2 | - | 9 | 8 | - | 13 | - |
| 20 | Foynes ... † | 91·6 | +22 | WNW | 3 | ebc | 46 | 44 | 7 | 5 | 3 | - | 5 | 3 | - | 14 | - |
| | Valentia ... † | 93·1 | +30 | WSW | 3 | c/r | 49 | 48 | 7 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Roches Point † | 90·8 | +16 | WNW | 3 | ebc | 51 | 47 | 8 | 5 | - | 5 | 5 | 4 | - | 15 | - |

## OBSERVATIONS at 18h. G.M.T. 11th February

| 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) | 21 h State of Ground ‡ 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 93·6 | +38 | WNW | 4 | c/d | 47 | 44 | 5 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Croydon | 93·5 | +26 | WNW | 4 | id. | 47 | 45 | 5 | 5 | - | - | 8 | 3 | 8 | 7 | 15 | 1 |
| Boscombe Down | 96·2 | +38 | WNW | 5 | c/d | 48 | 45 | 6 | 6 | 7 | - | 6 | 4 | 5 | 8 | - | 1 |
| Thorney Island | 94·4 | +16 | W'S | 3 | id. | 50 | 49 | 5 | 6 | 2 | - | 8 | 6 | 8 | 5 | 25 | 1 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 92·6 | +6 | WNW | 4 | r.r. | 47 | 47 | 4 | 5 | 2 | - | 8 | 5 | 8 | 5 | 8 | 1 |
| Manston | 92·0 | -2 | WNW | 4 | Z | 45 | 45 | 5 | 6 | 2 | - | 8 | 5 | 8 | 5 | 15 | 1 |
| North Weald | 93·4 | +22 | NNW | 2 | cf | 38 | 38 | 3 | - | 2 | - | 8 | 4 | - | 6 | - | 1 |
| Felixstowe | 92·4 | -8 | NE | 3 | d.d. | 40 | 40 | 5 | - | 2 | - | 8 | 8 | - | 4 | - | 1 |
| Gorleston | 95·0 | +10 | SE | 4 | r.r. | 37 | 32 | 7 | 6 | - | - | 8 | 8 | - | 8 | - | 1 |
| Mildenhall | 93·7 | -2 | ENE | 2 | c/r | 34 | 33 | 5 | 5 | 2 | - | 8 | 6 | 8 | 20 | 25 | 1 |
| Bircham Newton | 94·7 | -4 | ENE | 2 | bc/r | 33 | 33 | 5 | 5 | - | - | 4 | 4 | - | 15 | - | 1 |
| Cranwell | 95·4 | +14 | ENE | 2 | F+ | 33 | 33 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Cranfield | 94·9 | +32 | NE | 3 | c/d | 35 | 34 | 3 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Honiley | 95·4 | +42 | N | 1 | cF+ | 35 | 35 | 3 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Little Rissington | 93·6 | +46 | WNW | 1 | CF+ | 37 | 37 | 1 | - | 2 | - | 8 | 8 | - | - | - | 1 |
| Shobden | 96·0 | +50 | W | 1 | c/d | 39 | 38 | 6 | 5 | 2 | - | 8 | 4 | 5 | 7 | 15 | 1 |
| Bristol | 95·3 | +34 | WSW | 5 | Z | 47 | 47 | 6 | 6 | 2 | - | 8 | 5 | 8 | 4 | 6 | 1 |
| Chivenor | 98·3 | +50 | W | 4 | Z | 48 | 47 | 5 | 5 | - | - | 8 | 4 | 8 | 4 | 8 | 1 |
| Yeovilton | 95·3 | +32 | NW | 5 | o | 53 | 48 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| Portland Bill | 97·2 | +32 | W | 4 | ir | 48 | 46 | 7 | 5 | - | - | 8 | 8 | - | 45 | - | 1 |
| Exeter | 96·5 | +30 | WNW | 7 | c | 52 | 49 | 7 | 5 | 7 | - | 7 | 4 | 7 | 2 | - | 1 |
| Plymouth | 93·3 | +30 | W | 6 | d.d. | 52 | 51 | 6 | 5 | - | - | 8 | 5 | 8 | 5 | 15 | 1 |
| St. Eval | 93·5 | +30 | W | 6 | df | 49 | 49 | 2 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| The Lizard | 93·7 | +18 | W | 7 | DD | 50 | 50 | 4 | 5 | - | - | 8 | 8 | - | 6 | - | 2 |
| Scilly, St. Marys | 99·3 | +30 | W | 7 | id. | 51 | 51 | 6 | 5 | - | - | 8 | 8 | - | 5 | - | 1 |
| Fairwood | 96·5 | +44 | WNW | 4 | c | 46 | 43 | 7 | 5 | - | - | 8 | 5 | 8 | 15 | 25 | 1 |
| Pembroke | 96·3 | +30 | WNW | 2 | c | 46 | 45 | 7 | 5 | 2 | - | 7 | 4 | 3 | 21 | - | 1 |
| Aberporth | 96·3 | +50 | WNW | 2 | c/d | 42 | 42 | 7 | 6 | 3 | - | 8 | 2 | 5 | 2 | 5 | 1 |
| Penrhos | 95·5 | +34 | WSW | 2 | c | 41 | 40 | 8 | 5 | - | - | 6 | 1 | 6 | 25 | 25 | 1 |
| Holyhead, Valley | 95·5 | +28 | ENE | 1 | c | 41 | 39 | 7 | 5 | 7 | - | 8 | 5 | 3 | 25 | - | 1 |
| Hawarden | 96·2 | +28 | S | 1 | cF+ | 35 | 35 | 3 | - | 2 | - | 8 | 8 | - | 8 | - | 1 |
| Manchester | 95·6 | +16 | SE | 2 | c/r | 35 | 34 | 5 | 5 | 7 | - | 7 | 4 | 7 | 15 | - | 1 |
| Squires Gate | 95·4 | +16 | S | 2 | cF+ | 37 | 35 | 3 | 5 | 2 | - | 8 | 4 | 8 | 15 | - | 1 |
| Silloth | 95·0 | +22 | NNW | 1 | d.d. | 38 | 36 | 5 | 5 | - | - | 8 | 8 | - | 35 | - | 1 |
| Ashbourne | 93·9 | +22 | ENE | 2 | cF+ | 33 | 32 | 3 | - | 2 | - | 8 | 8 | - | 6 | - | 6 |
| Snaith | 96·0 | +16 | SSW | 1 | c/r | 35 | 34 | 5 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Spurn Head | 95·8 | +4 | SSW | 2 | Z | 36 | 35 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Leeming | 95·7 | +14 | - | 0 | F+ | 33 | 33 | 3 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Tynemouth | 95·4 | +8 | SW | 3 | m | 36 | 33 | 4 | 8 | - | - | 5 | 5 | - | 25 | - | 1 |
| Acklington | 95·0 | +14 | SW | 2 | m | 33 | 30 | 4 | - | 7 | - | 7 | 7 | - | 80 | - | 3 |
| St. Abb's Head | 94·1 | +14 | S | 2 | c | 37 | 34 | 8 | 5 | 7 | - | 7 | 5 | 2 | 25 | - | 4 |
| Leuchars | 94·0 | +10 | - | 0 | Z | 37 | 33 | 5 | 5 | 7 | - | 8 | 5 | 8 | 25 | - | 1 |
| Montrose | 94·5 | +10 | WNW | 1 | Z | 35 | 32 | 6 | 5 | - | - | 8 | 4 | 8 | 20 | 40 | 1 |
| Abbotsinch | 94·0 | +12 | - | 0 | df | 37 | 36 | 3 | 5 | 2 | - | 8 | 4 | 8 | 10 | 15 | 1 |
| Prestwick | 94·0 | +16 | SE'S | 1 | ir. | 38 | 35 | 6 | 5 | - | - | 8 | 5 | 8 | 16 | 25 | 1 |
| West Freugh | 93·5 | +14 | SSE | 2 | d.d. | 39 | 38 | 4 | 6 | 2 | - | 8 | 6 | 8 | 3 | 15 | 1 |
| Eskdalemuir | 94·0 | +18 | - | 0 | c'd. | 33 | 32 | 5 | - | 2 | - | 8 | 8 | - | 4 | - | 4 |
| Jurby, I. of Man | 94·4 | +14 | SE | 3 | Z | 35 | 36 | 6 | 5 | - | - | 7 | 3 | 7 | 8 | 25 | 1 |
| Machrihanish | 92·9 | +14 | S | 1 | c/r | 39 | 36 | 6 | 5 | 7 | - | 8 | 3 | 5 | 8 | 25 | 1 |
| Tiree | 91·7 | +12 | S | 4 | ir. | 41 | 39 | 8 | 5 | - | - | 7 | 3 | 5 | 10 | 25 | 1 |
| Oban | 93·3 | +12 | - | 0 | id. | 38 | 37 | 6 | 5 | - | - | 8 | 3 | 5 | 8 | 15 | 1 |
| Stornoway | 90·1 | +8 | S | 5 | pr. | 49 | 37 | 8 | 8 | - | - | 7 | 5 | 7 | 10 | 25 | 1 |
| Cape Wrath | 91·2 | +10 | S | 3 | bc | 37 | 32 | 9 | 5 | 4 | - | 4 | 4 | - | 25 | - | 0 |
| Dalwhinnie | 92·7 | +2 | SW | 4 | c | 33 | 28 | 7 | 5 | 3 | - | 7 | 4 | 3 | 4 | 72 | 8 |
| Aberdeen | 93·7 | +8 | SW | 2 | Z | 35 | 29 | 6 | 6 | 4 | - | 1 | 1 | 9 | 40 | - | 1 |
| Fraserburgh | 93·6 | +10 | SW | 2 | Fg | 33 | 31 | 8 | - | - | - | 0 | 0 | - | 0 | - | 3 |
| Alness | 93·0 | +18 | WNW | 2 | b | 34 | 31 | 8 | 4 | - | - | 2 | 2 | - | 30 | - | 0 |
| Wick | 92·5 | +8 | SSW | 1 | b | 35 | 31 | 9 | - | 4 | - | 1 | 1 | - | - | - | 3 |
| Hatston | 92·1 | +10 | S'E | 1 | Z | 35 | 32 | 6 | 5 | 4 | - | 2 | 1 | 1 | 25 | - | 0 |
| Sumburgh | 93·0 | +6 | S'W | 2 | bc | 39 | 30 | 8 | 1 | - | - | 4 | 4 | - | 25 | - | 0 |
| Sullom Voe | 93·4 | +14 | S'W | 3 | b | 34 | 30 | 8 | 2 | 4 | - | 2 | 1 | 1 | 20 | - | 1 |
| Blacksod Point† | 93·1 | +8 | SW | 2 | c | 46 | 42 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 2 |
| Malin Head † | 91·4 | +14 | SSW | 2 | c | 40 | 38 | 7 | 5 | 2 | - | 8 | 4 | - | 8 | - | 2 |
| Aldergrove | 93·7 | +16 | SSW | 2 | Z | 39 | 38 | 6 | 5 | 2 | - | 8 | 4 | 8 | 8 | 25 | 1 |
| Cas. Archdale | 94·3 | +20 | SW | 2 | c/d | 41 | 39 | 8 | 5 | 7 | - | 7 | 5 | 7 | 25 | - | 1 |
| Birr Castle ... † | 95·0 | +18 | SSW | 1 | c | 44 | 42 | 7 | 5 | 2 | - | 8 | 5 | - | 25 | - | 1 |
| Collinstown † | 95·8 | +26 | W'S | 3 | c | 41 | 39 | 8 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| Foynes ... † | 95·8 | +16 | SW | 1 | c | 46 | 44 | 8 | 5 | - | - | 7 | 7 | - | 15 | - | 1 |
| Valentia ... † | 93·3 | +8 | S'E | 2 | ir. | 49 | 47 | 6 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Roches Point † | 96·3 | +26 | W'S | 2 | c | 48 | 46 | 8 | 5 | 1 | - | 6 | 4 | - | 15 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather 06h.-12h. (34) | Weather 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | crorrodm | crodocm. | 47 | 0·0 | 5 |
| Croydon | croro mo | cdod,cdom. | 48 | 0·0 | 4 |
| Boscombe Down | cdo domo | cid ocdo m. | 52 | 0·0 | 3 |
| Thorney Island | croromoddm | cror,d.dom. | 52 | * | 4 |
| Friston | | | | | |
| Lympne | ccroromo | cdd Frorom | 46 | 0·0 | 5 |
| Manston | bcmoxroro | crrrorocm. | 47 | 0·0 | 2 |
| North Weald | bcmororom | odod of. | 40 | * | 5 |
| Felixstowe | ciromo | ororom. | 40 | 0·0 | 3 |
| Gorleston | c | ororo | 38 | 0·0 | 0·6 |
| Mildenhall | ccmoroso | cssmcrrm. | 37 | 0·0 | 7 |
| Bircham Newton | croro mo | orsrsfcm. | 37 | 0·0 | 4 |
| Cranwell | bcmocidom | csosof. | 35 | 0·0 | 3 |
| Cranfield | bmoxcroromo | crorood.dof | 37 | * | 5 |
| Honiley | croromocrs mo | ororodo dom | 36 | 0·0 | 0·9 |
| Little Rissington | orosomodof | ofodomod F | 40 | * | 3 |
| Shobden | croromo | crorodod. | 40 | * | 3 |
| Bristol | cmorrdd | cmoddcm. | 49 | 0·0 | 3 |
| Chivenor | crrdomo | cid omocm. | 51 | 0·0 | 7 |
| Yeovilton | rrc | roirodocc | 56 | * | 1 |
| Portland Bill | rr | oir | 48 | * | 2 |
| Exeter | cirroro | ciroc | 55 | 0·3 | 2 |
| Plymouth | •rrddmo | cidom. | 53 | 0·0 | 7 |
| St. Eval | crrddm | cdodofcmodf | 50 | 0·0 | 2 |
| The Lizard | rro | oiddd | 50 | · | 3 |
| Scilly, St. Marys | rqc | clod | 51 | 0·0 | 1 |
| Fairwood | crrRdm | orrocm. | 48 | * | 6 |
| Pembroke | oqro | cmoc | 49 | 1·0 | 2 |
| Aberporth | crorocdodo | cidocbc | 43 | 0·3 | 0·5 |
| Penrhos | croromocdodomo | cmoc | 44 | 0·4 | 2 |
| Holyhead, Valley | bcirororo ido | orvidomoc | 43 | * | 3 |
| Hawarden | crc iror | crosem | 37 | 0·0 | 4 |
| Manchester | b,cmoxroromo | crrrosororom. | 37 | * | 5 |
| Squires Gate | cciromo | crocf | 38 | * | 3 |
| Silloth | exc | cirododom. | 41 | * | 0·4 |
| Ashbourne | bmoxososof | orosoff | 33 | * | 7 |
| Snaith | cisomo | crrrom. | 36 | | 1 |
| Spurn Head | cmo | roroom. | 38 | 0·3 | 1 |
| Leeming | b,ccmo | osoSof | 35 | 0·0 | 1 |
| Tynemouth | bccmo | bccm | 39 | | - |
| Acklington | bbcmo | cZbcZcm. | 39 | * | - |
| St. Abb's Head | bcb | bcc | 41 | * | Tr |
| Leuchars | bcmoc | bccm. | 40 | 4·2 | Tr |
| Montrose | bbcmo | bcm,c | 40 | 3·5 | Tr |
| Abbotsinch | emfiro | cmoffdod. | 38 | 0·3 | 1 |
| Prestwick | ccirroc | crorocm. | 41 | * | 18 |
| West Freugh | bccxcroro | crocd.d.m.m | 42 | * | 4 |
| Eskdalemuir | cpS iSmo | cSodo dom. | 34 | 0·0 | 3 |
| Jurby, I. of Man | ccromorrmo | rrcm. | 41 | * | 1 |
| Machrihanish | bccid | drr | 40 | * | 1 |
| Tiree | ccpro | cpr.r.r.id. | 42 | 0·0 | 1 |
| Oban | bcrsoc | cirocd.d.idom. | 41 | * | * |
| Stornoway | bcprobc | bcpro | 42 | 2·3 | 0·[illegible] |
| Cape Wrath | cbc | bc | 40 | * | - |
| Dalwhinnie | c | c | 33 | 0·7 | - |
| Aberdeen | bxmob | bbm. | 40 | 7·2 | - |
| Fraserburgh | bcxbx | b | 39 | * | - |
| Alness | bc | bcb | 47 | | - |
| Wick | b | b | 42 | 7·6 | - |
| Hatston | b | b | 42 | * | - |
| Sumburgh | c | cbc | 42 | 4·2 | - |
| Sullom Voe | c | cbcb. | 43 | * | - |
| Blacksod Point† | pr | c | 48 | * | 3 |
| Malin Head † | r | r | 46 | 0·0 | 3 |
| Aldergrove | cxiroroSororo | crom,cm. | 39 | 0·0 | 3 |
| Cas. Archdale | croro | cidoc | 41 | * | 1 |
| Birr Castle ... † | r | c | 44 | 0·3 | 0·3 |
| Collinstown † | r | d | 43 | 0·0 | 2 |
| Foynes ... † | c | pr | 48 | 1·7 | 1 |
| Valentia ... † | r | r | 53 | 0·0 | 0·6 |
| Roches Point † | c | c | 53 | * | 2 |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

* Information not usually received.

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

0 = Nil 2 = $\frac{1}{10}$ 4 = $\frac{1}{2}$ 6 = $\frac{6}{10}$ 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.

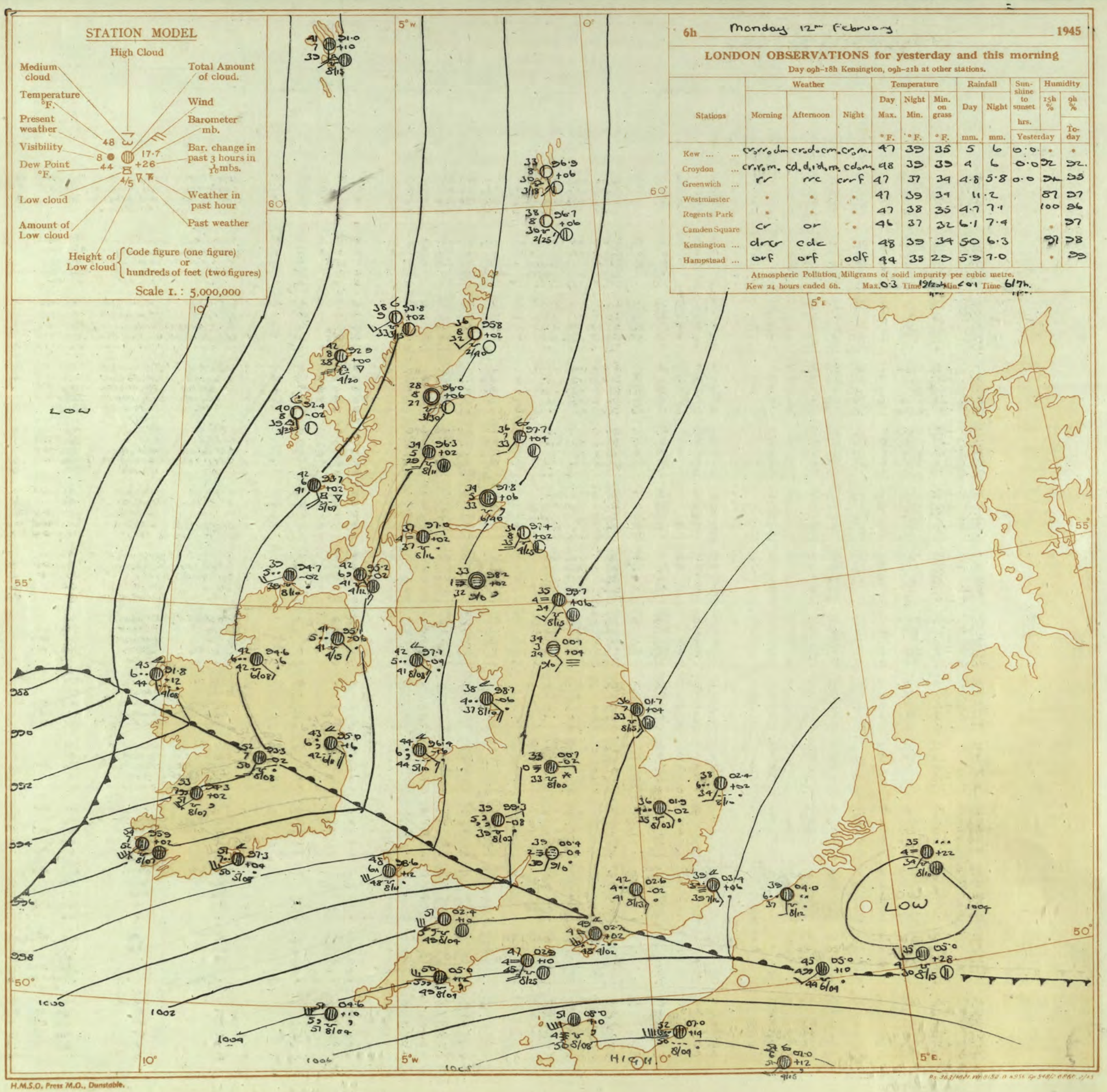
Columns 13, 14, 15; 16, 29, 30, 31, 32

A = Lowest cloud present.

B = Next lowest cloud.

‡ See footnote p. 4.

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




6h Monday 12th February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | cr,r,o,dm | cr,d,o,cm | cr,m | 47 | 39 | 35 | 5 | 6 | 0·0 | • | • |
| Croydon ... | cr,r,m | cd,d,r,h,m | cd,m | 48 | 39 | 39 | 4 | 6 | 0·0 | 92 | 92 |
| Greenwich ... | rr | rrc | crrf | 47 | 37 | 34 | 4·8 | 5·8 | 0·0 | 94 | 95 |
| Westminster | • | • | • | 47 | 39 | 34 | 11·2 | | | 87 | 97 |
| Regents Park | • | • | • | 47 | 38 | 35 | 4·7 | 7·1 | | 100 | 96 |
| Camden Square | cr | or | • | 46 | 37 | 32 | 6·1 | 7·4 | | • | 97 |
| Kensington ... | dncr | cdc | • | 48 | 39 | 34 | 5·0 | 6·3 | | 91 | 98 |
| Hampstead ... | orf | orf | odf | 44 | 35 | 29 | 5·9 | 7·0 | | • | 99 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·3 Time 19/20h Min. <0·1 Time 6/7h.

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

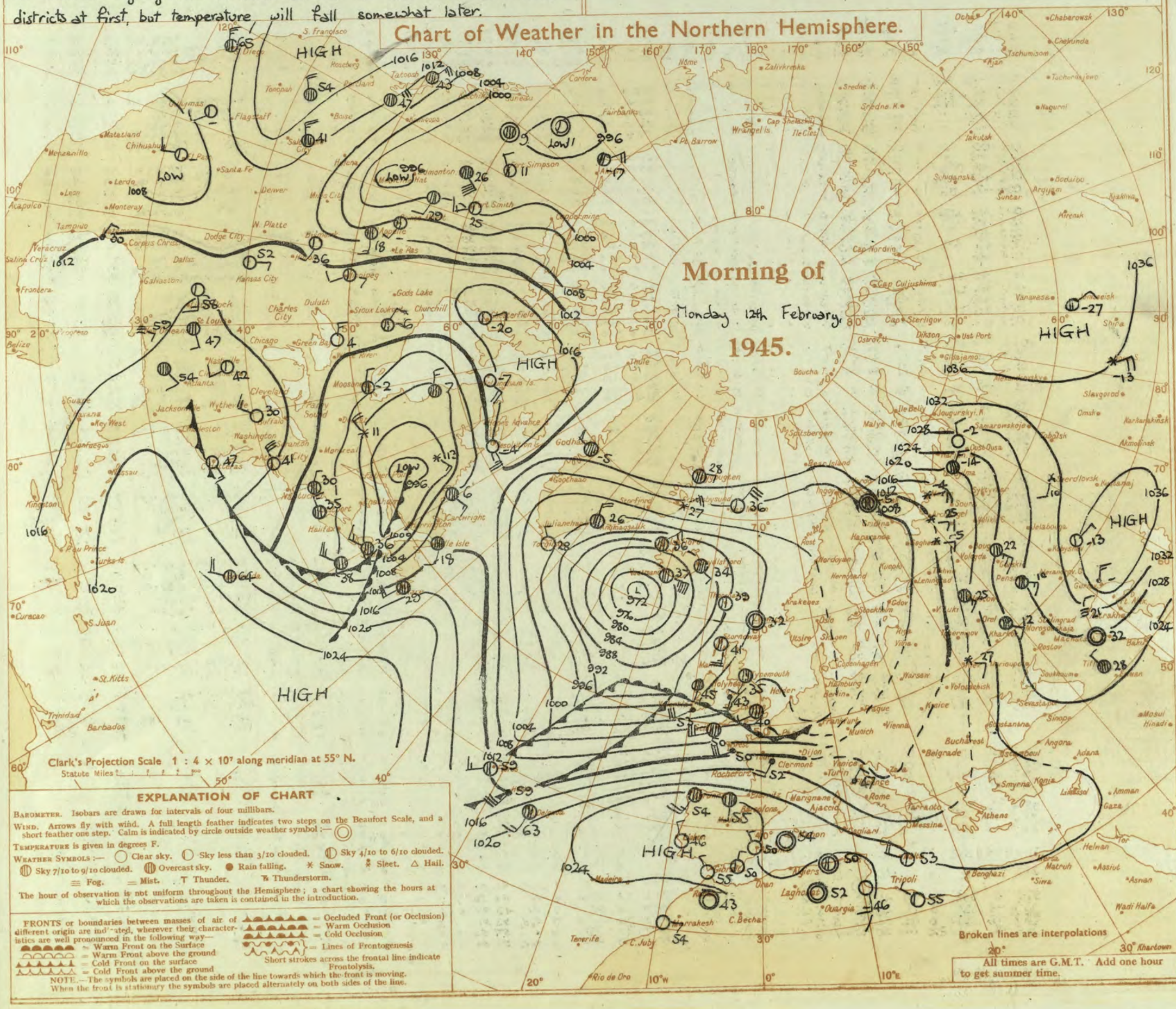
## GENERAL INFERENCE

A depression west of Ireland is moving east-north east. Weather will be mainly cloudy with occasional rain at first but bright intervals and showers will spread from west later. There will be snow on high ground in North Scotland. It will be mild in most districts at first, but temperature will fall somewhat later.

## FURTHER OUTLOOK

Bright intervals. Local showers.

# 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.

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.

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 12th February 1945

No. 30398

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

| 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 | | | | | | | | | | | | | | | | |
| | Croydon ... | 217 | 02·7 | +42 | W'S | 1 | ze | 40 | 38 | 5 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Boscombe Down | 417 | 01·6 | +26 | - | 0 | rf | 43 | 42 | 4 | 5 | - | - | 8 | 3 | 8 | 10 | 5/7 |
| | Thorney Island | 10 | 02·2 | +32 | W | 2 | ir | 46 | 44 | 5 | 6 | 2 | - | 8 | 5 | 8 | 15 | 25 |
| | Friston ... | — | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 01·9 | +42 | NW | 1 | ze | 39 | 39 | 5 | 5 | 7 | - | 5 | 3 | 4 | 12 | - |
| | Manston ... | 140 | 01·7 | +40 | WNW | 3 | f | 39 | 39 | 3 | 5 | - | - | 8 | 8 | - | 3 | - |
| 2 | North Weald | 244 | 01·3 | +32 | NW | 2 | m | 36 | 36 | 4 | - | 2 | - | 8 | 8 | - | 3 | - |
| | Felixstowe ... | 10 | 00·9 | +40 | - | 0 | m | 38 | 38 | 4 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Gorleston ... | 5 | 01·0 | +38 | - | 0 | c | 38 | 34 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Mildenhall | 15 | 01·2 | +30 | W | 1 | of | 35 | 35 | 3 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Bircham Newton | 221 | 01·0 | +18 | S | 1 | id | 35 | 34 | 5 | 5 | - | - | 8 | 8 | - | 9 | - |
| | Cranwell ... | 203 | 00·7 | +18 | NNW | 1 | f | 33 | 33 | 2 | - | - | - | 9 | 9 | - | 0 | - |
| 3 | Cranfield ... | 340 | 01·8 | +32 | WSW | 1 | m | 35 | 35 | 4 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Honiley ... | 427 | 00·6 | +22 | SW | 1 | f | 35 | 35 | 2 | - | - | - | 9 | 9 | - | 0 | - |
| 4 | Little Rissington | 731 | 00·7 | +34 | WSW | 1 | ir | 36 | 36 | 4 | - | 2 | - | 8 | 8 | - | 4 | - |
| | Shobden ... | 318 | 00·4 | +18 | NE | 2 | ir | 38 | 38 | 5 | 5 | - | - | 8 | 5 | 8 | 7 | 25 |
| 5 | Bristol ... | 209 | 00·9 | +18 | - | 0 | rr | 44 | 43 | 6 | 5 | 2 | - | 8 | 3 | 4 | 10 | 15 |
| | Chivenor ... | 20 | 00·6 | +8 | W'S | 5 | rr | 50 | 49 | 5 | 5 | - | - | 8 | 5 | 8 | 4 | 15 |
| | Yeovilton | 50 | 00·4 | +16 | - | 0 | rr | 46 | 45 | 6 | 5 | - | - | 8 | 8 | - | 9 | - |
| | Portland Bill | 32 | 01·7 | +10 | SSW | 4 | c | 47 | 45 | 3 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter ... | 100 | 01·4 | +14 | WSW | 3 | id | 52 | 50 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Plymouth ... | 86 | 03·1 | +18 | W | 4 | c/d | 50 | 50 | 5 | 5 | - | - | 8 | 5 | 8 | 5 | 15 |
| | St. Eval ... | 345 | 02·8 | +12 | WSW | 6 | df | 49 | 49 | 3 | 5 | - | - | 8 | 8 | - | 0 | - |
| | The Lizard | 240 | 03·2 | +14 | W | 6 | c/d | 50 | 50 | 5 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Scilly, St. Marys | 163 | 02·8 | +10 | W'S | 6 | c | 50 | 50 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 6 | Fairwood ... | 268 | 99·9 | +6 | - | 0 | rf | 43 | 43 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Pembroke ... | 142 | 99·3 | 0 | ESE | 2 | rf | 44 | 44 | 2 | - | - | - | 9 | 9 | - | 0 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 98·7 | +8 | SW | 1 | rr | 41 | 41 | 6 | 6 | 2 | - | 8 | 5 | 8 | 3 | 8 |
| | Holyhead, Valley | 32 | 98·5 | +10 | S'W | 3 | rr | 43 | 42 | 6 | - | 2 | - | 8 | 8 | - | 5 | - |
| | Hawarden | 15 | 99·5 | +14 | SSE | 2 | m | 35 | 35 | 4 | 5 | - | - | 4 | 4 | - | 20 | - |
| 8 | Manchester | 230 | 00·8 | +8 | S | 3 | m | 36 | 33 | 4 | 5 | - | - | 8 | 8 | - | 14 | - |
| | Squires Gate | 30 | 99·1 | +16 | SSE | 3 | of | 37 | 36 | 3 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Silloth ... | 25 | 97·6 | -10 | SE | 2 | c/d | 37 | 37 | 5 | 6 | 2 | - | 8 | 4 | 8 | 12 | 15 |
| 9 | Ashbourne ... | 590 | 00·7 | +22 | - | 0 | of | 32 | 32 | 1 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Snaith ... | 30 | 00·6 | +18 | SSW | 2 | ze | 35 | 33 | 5 | 5 | - | - | 8 | 8 | - | 7 | - |
| 10 | Spurn Head | 29 | 00·4 | +18 | W'S | 1 | ze | 36 | 35 | 6 | 7 | - | - | 5 | 5 | - | 15 | - |
| | Leeming | 105 | 99·4 | +18 | S'E | 1 | cf | 35 | 34 | 3 | 4 | - | - | 8 | 4 | 8 | 7 | 15 |
| | Tynemouth | 108 | 99·3 | +18 | SW | 2 | m | 35 | 35 | 4 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Acklington | 138 | 98·3 | +16 | SW | 1 | ir | 33 | 31 | 5 | 5 | - | - | 5 | 5 | - | 24 | - |
| 11 | St. Abb's Head | 280 | 96·7 | +14 | SSW | 3 | id | 35 | 34 | 7 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Leuchars ... | 31 | 97·6 | +18 | S | 1 | id | 37 | 36 | 5 | - | 2 | - | 8 | 8 | - | 18 | - |
| | Montrose ... | 22 | 97·2 | +12 | SW | 7 | bc/r | 34 | 32 | 7 | 5 | - | - | 4 | 4 | - | 48 | - |
| 12 | Abbotsinch | 19 | 96·6 | +12 | - | 0 | m/d | 37 | 37 | 4 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Prestwick ... | 30 | 96·5 | +12 | S | 1 | c | 39 | 35 | 7 | 5 | - | - | 7 | 3 | 7 | 23 | 40 |
| | West Freugh | 53 | 96·1 | +8 | SW | 2 | bc | 41 | 39 | 7 | 5 | - | - | 4 | 4 | 2 | 18 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 97·7 | +14 | S'W | 2 | o | 42 | 41 | 7 | 5 | - | - | 8 | 8 | - | 9 | - |
| 13A | Machrihanish | 35 | 95·7 | +8 | SE | 2 | c | 40 | 38 | 7 | 5 | - | - | 8 | 4 | 5 | 12 | 25 |
| | Tiree ... | 44 | 93·8 | +6 | S'E | 3 | b/pr | 41 | 39 | 7 | 3 | - | - | 2 | 2 | - | 25 | - |
| | Oban ... | 74 | 96·2 | +10 | - | 0 | c | 37 | 36 | 7 | 5 | - | - | 8 | 4 | 8 | 10 | 25 |
| 13B | Stornoway ... | 12 | 97·0 | +10 | S | 5 | c/pr | 41 | 40 | 8 | 8 | - | - | 4 | 4 | 4 | 18 | 40 |
| | Cape Wrath | 367 | 93·6 | +14 | SW | 3 | bc | 37 | 29 | 9 | 5 | 4 | - | 4 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen ... | 79 | | | | | | | | | | | | | | | | |
| | Fraserburgh | 76 | 96·5 | +16 | - | 0 | b | 31 | 27 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Alness ... | 63 | 95·3 | +10 | N | 1 | b | 28 | 26 | 8 | - | 6 | - | 2 | - | 2 | - | - |
| | Wick ... | 114 | 95·7 | +10 | SSW | 1 | b | 30 | 26 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 16 | Hatston ... | 45 | 94·4 | +12 | S | 2 | b | 33 | 30 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Sumburgh ... | 15 | 95·4 | +16 | SSW | 3 | b | 38 | 30 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Sullom Voe | 12 | 95·6 | +14 | - | 0 | b | 32 | 29 | 8 | 4 | - | - | 2 | 2 | - | 30 | - |
| 17 | Blacksod Point † | 18 | 93·7 | -2 | S'W | 1 | c/d | 45 | 43 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 96·7 | +14 | SSE | 2 | ze | 40 | 39 | 6 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Cas. Archdale | 240 | 95·9 | -6 | SE | 1 | c | 40 | 40 | 6 | 5 | - | - | 8 | 3 | 8 | 8 | 15 |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 97·1 | 0 | SSE | 2 | rr | 41 | 39 | 7 | 5 | 2 | - | 8 | 5 | - | 22 | - |
| 20 | Foynes ... † | 3 | 95·3 | -4 | SSE | 3 | id | 46 | 45 | 6 | 5 | - | - | 8 | 8 | - | 9 | - |
| | Valentia ... † | 30 | 95·7 | +6 | SW | 6 | id | 53 | 52 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| | Roches Point † | 22 | 96·4 | -6 | SW | 4 | rr | 50 | 49 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

| 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) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 01·7 | -2 | E | 1 | df | 41 | 40 | 3 | 6 | 2 | - | 8 | 5 | 8 | 12 | 25 | 1 |
| | Croydon | 02·6 | -2 | SSE | 3 | [illegible] | 42 | 41 | 4 | - | 2 | - | 8 | 8 | - | 13 | - | 1 |
| | Boscombe Down | 01·9 | +2 | W'S | 5 | id | 51 | 50 | 6 | 5 | - | - | 8 | 3 | 8 | 8 | 15 | 1 |
| | Thorney Island | 02·7 | +2 | WSW | 5 | c/r | 49 | 48 | 4 | 6 | 2 | - | 8 | 4 | 8 | 2 | 4 | 1 |
| | Lympne | 03·3 | +4 | S | 1 | df | 40 | 40 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| | Manston | 03·4 | +6 | SSE | 2 | [illegible] | 39 | 39 | 3 | - | 2 | - | 8 | 8 | - | 4 | - | 1 |
| 2 | North Weald | 02·9 | -4 | WSW | 2 | rf | 37 | 37 | 3 | - | 2 | - | 8 | 8 | - | 2 | - | 1 |
| | Felixstowe | 02·7 | +2 | - | 0 | [illegible] | 37 | 37 | 4 | - | 2 | - | 8 | 8 | - | 4 | - | 1 |
| | Gorleston | 02·4 | +2 | SSW | 2 | [illegible] | 38 | 34 | 6 | 6 | - | - | 8 | 8 | - | 10 | - | 1 |
| | Mildenhall | 01·9 | -2 | SE | 2 | [illegible] | 36 | 35 | 4 | 5 | - | - | 8 | 3 | 8 | 3 | 40 | 1 |
| | Bircham Newton | 02·2 | +2 | SSE | 3 | id | 35 | 34 | 5 | 6 | - | - | 7 | 5 | 7 | 3 | 15 | 1 |
| | Cranwell | 01·4 | -2 | SE | 2 | rf | 33 | 33 | 3 | 5 | - | - | 8 | 8 | - | 6 | - | 1 |
| 3 | Cranfield | 11·5 | -6 | SSE | 1 | [illegible] | 37 | 37 | 4 | 6 | - | - | 8 | 8 | - | 2 | - | 1 |
| | Honiley | 99·9 | -10 | SE | 3 | rf | 37 | 37 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| 4 | Little Rissington | 00·4 | -4 | S | 2 | [illegible] | 39 | 39 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| | Shobden | 99·3 | -8 | ENE | 1 | df | 39 | 39 | 5 | 5 | - | - | 8 | 8 | - | 3 | - | 2 |
| 5 | Bristol | 00·7 | 0 | WSW | 5 | rr | 50 | 50 | 6 | 6 | 2 | - | 8 | 5 | - | 7 | - | 1 |
| | Chivenor | 02·4 | +10 | WSW | 6 | id | 51 | 49 | 5 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| | Yeovilton | 01·3 | +10 | WSW | 4 | [illegible] | 53 | 50 | 6 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| | Portland Bill | 02·9 | +10 | SSW | 5 | m | 47 | 45 | 4 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| | Exeter | 02·9 | +12 | W | 5 | [illegible] | 54 | 49 | 6 | 5 | - | - | 8 | 8 | - | 11 | - | 1 |
| | Plymouth | 05·0 | +12 | W | 5 | [illegible] | 50 | 49 | 5 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| | St. Eval | 04·5 | +10 | WSW | 4 | df | 50 | 50 | 3 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| | The Lizard | 05·6 | +10 | SSE | 6 | c/d | 50 | 50 | 4 | 5 | - | - | 8 | 8 | - | 8 | - | |
| | Scilly, St. Marys | 04·6 | +10 | W | 6 | id | 51 | 51 | 5 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| 6 | Fairwood | 05·6 | +10 | WSW | 6 | d | 48 | 48 | 3 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| | Pembroke | 98·6 | +12 | SW'W | 6 | c | 48 | 48 | 6 | 5 | - | - | 8 | 8 | - | 11 | - | 1 |
| | Aberporth | 98·0 | -2 | WSW | 6 | ir | 50 | 50 | 7 | - | 2 | - | 8 | 4 | - | 8 | - | 1 |
| 7 | Penrhos | 96·8 | -16 | - | 0 | [illegible] | 43 | 43 | 5 | 6 | 2 | - | 8 | 5 | 8 | 4 | 15 | 1 |
| | Holyhead, Valley | 96·4 | -16 | ESE | 3 | dr | 44 | 44 | 6 | 6 | 2 | - | 8 | 5 | 8 | 10 | 25 | 2 |
| | Hawarden | 98·7 | -6 | SE | 3 | rf | 39 | 39 | 3 | - | 2 | - | 8 | 8 | - | 15 | - | 4 |
| 8 | Manchester | 99·3 | -4 | SSE | 6 | rr | 38 | 37 | 4 | - | 2 | - | 8 | 8 | - | 10 | - | 1 |
| | Squires Gate | 98·7 | -6 | SE | 4 | [illegible] | 38 | 37 | 4 | - | 2 | - | 8 | 8 | - | 10 | - | 1 |
| | Silloth | 97·5 | -2 | SE | 2 | id | 39 | 39 | 6 | 5 | - | - | 8 | 3 | 8 | 13 | 25 | 2 |
| 9 | Ashbourne | 00·7 | -2 | E | 2 | df | 33 | 33 | - | 5 | - | - | 8 | 8 | - | - | - | 6 |
| | Snaith | 00·4 | -4 | S | 3 | [illegible] | 35 | 34 | 4 | 5 | - | - | 8 | 8 | - | 6 | - | 1 |
| 10 | Spurn Head | 01·7 | +4 | S'E | 3 | [illegible] | 36 | 33 | 7 | 5 | - | - | 8 | 8 | - | - | - | . |
| | Leeming | 00·1 | +4 | SSE | 2 | f | 34 | 34 | 3 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| | Tynemouth | 99·7 | +6 | SSW | 3 | m | 35 | 34 | 4 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| | Acklington | 99·2 | +8 | S | 1 | m | 33 | 32 | 4 | 5 | 2 | - | 8 | 2 | 8 | 16 | 40 | 1 |
| 11 | St. Abb's Head | 99·4 | +2 | SSW | 3 | bc | 36 | 35 | 5 | 5 | - | - | 4 | 4 | - | 25 | - | 0 |
| | Leuchars | 97·8 | +6 | - | 0 | [illegible] | 34 | 33 | 5 | 5 | - | - | 6 | 6 | - | 40 | - | 1 |
| | Montrose | 97·8 | +2 | - | 0 | [illegible] | 34 | 34 | 6 | 5 | - | - | 8 | 4 | 8 | 3 | 25 | 1 |
| 12 | Abbotsinch | 97·0 | +2 | ENE | 1 | m | 37 | 37 | 4 | 5 | - | - | 8 | 8 | - | 16 | - | 1 |
| | Prestwick | 96·4 | -2 | - | 0 | c | 39 | 37 | 7 | 5 | - | - | 8 | 4 | 8 | 43 | 57 | 1 |
| | West Freugh | 95·6 | -4 | SE | 1 | rr | 41 | 41 | 4 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| | Eskdalemuir | 98·2 | +2 | - | 0 | df | 33 | 32 | 1 | - | - | - | 9 | 9 | - | 0 | - | 4 |
| | Jurby, I. of Man | 97·1 | -4 | SE'E | 3 | [illegible] | 42 | 41 | 5 | - | 2 | - | 8 | 8 | - | 8 | - | 2 |
| 13A | Machrihanish | 95·2 | -2 | ESE | 3 | id | 42 | 41 | 6 | 5 | - | - | 8 | 4 | 5 | 12 | 25 | 1 |
| | Tiree | 93·7 | +2 | S'E | 4 | c/pr | 42 | 41 | 6 | 3 | - | - | 8 | 5 | 8 | 7 | 15 | 1 |
| | Oban | 95·3 | -2 | SSE | 2 | c | 37 | 36 | 7 | 5 | - | 7 | 8 | 3 | 8 | 25 | - | 1 |
| 13B | Stornoway | 92·9 | 0 | SSW | 5 | c-bc | 42 | 38 | 8 | 8 | - | - | 5 | 4 | 5 | 24 | 25 | 1 |
| | Cape Wrath | 93·8 | +2 | SW | 3 | bc | 38 | 33 | 5 | 5 | 4 | - | 4 | 2 | - | 25 | - | 1 |
| 15 | Dalwhinnie | 96·3 | +2 | SSW | 3 | o | 34 | 29 | 5 | 5 | - | - | 8 | 8 | - | 11 | - | 8 |
| | Aberdeen | 97·7 | +4 | SW'S | 2 | c | 36 | 33 | 7 | - | 7 | - | 7 | 7 | 3 | - | - | 3 |
| | Fraserburgh | 97·6 | +8 | SW | 2 | b | 30 | 29 | 7 | - | 4 | - | 2 | 2 | - | - | - | 3 |
| | Alness | 96·0 | +6 | - | 0 | b-bc | 28 | 27 | 8 | 5 | - | - | 3 | 3 | - | 30 | - | 3 |
| | Wick | 95·8 | +2 | SSW | 2 | b | 36 | 32 | 8 | 5 | - | - | 2 | 2 | - | 40 | - | 3 |
| 16 | Hatston | 96·6 | +6 | S'E | 3 | [illegible] | 36 | 32 | 6 | - | - | - | 0 | 0 | 0 | - | - | 3 |
| | Sumburgh | 96·7 | +6 | SE'S | 3 | b | 38 | 30 | 8 | 5 | - | - | 2 | 2 | - | 25 | - | 0 |
| | Sullom Voe | 96·9 | +6 | SSE | 3 | b-bc | 33 | 30 | 8 | 4 | - | - | 3 | 3 | - | 18 | - | 0 |
| 17 | Blacksod Point | 91·8 | -12 | S'E | 1 | [illegible] | 45 | 44 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - | 2 |
| 18 | Malin Head | 92·7 | -4 | S'E | 2 | [illegible] | 41 | 39 | 7 | 5 | - | - | 7 | 7 | - | 8 | - | 2 |
| | Aldergrove | 95·1 | -6 | SE | 2 | [illegible] | 41 | 41 | 5 | 5 | - | - | 8 | 4 | 8 | 15 | 25 | 1 |
| | Cas. Archdale | 94·6 | -6 | SE | 1 | [illegible] | 42 | 42 | 6 | 5 | - | - | 8 | 6 | 8 | 3 | 8 | 1 |
| 19 | Birr Castle | 93·0 | -2 | SSW | 2 | rr | 52 | 50 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| | Collinstown | 95·0 | -16 | SE'E | 4 | dr | 43 | 42 | 6 | 6 | 2 | - | 8 | 6 | - | 11 | - | 1 |
| 20 | Foynes | 94·3 | +2 | SW'S | 4 | [illegible] | 53 | 51 | 7 | 5 | - | - | 8 | 8 | - | 7 | - | 1 |
| | Valentia | 95·9 | +2 | SW | 7 | c | 54 | 52 | 7 | 5 | - | - | 8 | 8 | - | 7 | - | 1 |
| | Roches Point | 97·3 | +4 | W'S | 5 | [illegible] | 51 | 50 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - | 1 |

## OBSERVATIONS during NIGHT

| District | Stations | Weather. 18h.–00h. (39) | Weather. 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Temperature 21h.–09h. Min. on Grass °F. (42) | Rain 21h.–09h. mm. (43) |
|---|---|---|---|---|---|---|
| 1 | Kew | cm | cr | 39 | 35 | 6 |
| | Croydon | bcm | cr | 39 | 39 | 6 |
| | Boscombe Down | bm | cr | 42 | 41 | 7 |
| | Thorney Island | | cm | 42 | 42 | 3 |
| | Lympne | bcbcm | cr | 38 | 33 | 2 |
| | Manston | cmd | df | 38 | 37 | 6 |
| 2 | North Weald | cd | f | 36 | 30 | 6 |
| | Felixstowe | cm | cm | 37 | 37 | 5 |
| | Gorleston | c | cm | 37 | 33 | 3 |
| | Mildenhall | cmcf | cfc | 34 | 34 | 3 |
| | Bircham Newton | oi | id | 33 | 33 | 3 |
| | Cranwell | cfcf | f | 32 | 32 | 4 |
| 3 | Cranfield | cm | m | 34 | 33 | 5 |
| | Honiley | cff | d | 34 | 32 | 5 |
| 4 | Little Rissington | of | r | 35 | 34 | 8 |
| | Shobden | cm | ir | 36 | 30 | 8 |
| 5 | Bristol | bc | dr | 43 | 09 | 12 |
| | Chivenor | cm | r | 47 | 46 | 6 |
| | Yeovilton | bc | r | 44 | | 5 |
| | Portland Bill | c | m | 47 | * | 4 |
| | Exeter | cm | ir | 45 | 30 | 11 |
| | Plymouth | cd | m | 48 | 49 | 2 |
| | St. Eval | od | f | 47 | 47 | 2 |
| | The Lizard | dd | o | | * | |
| | Scilly, St. Marys | ci | d | 50 | * | 1 |
| 6 | Fairwood | cr | m | 42 | 39 | 10 |
| | Pembroke | pr | f | 42 | * | 8 |
| | Aberporth | | | 42 | 41 | 12 |
| 7 | Penrhos | cb | cir | 40 | 38 | 3 |
| | Holyhead, Valley | cc | ir | 43 | 40 | 5 |
| | Hawarden | cf | bc | 33 | 33 | 6 |
| 8 | Manchester | cm | m | 35 | 33 | 5 |
| | Squires Gate | cb | ff | 35 | 34 | 5 |
| | Silloth | cd | dm | 36 | 35 | 2 |
| 9 | Ashbourne | off | off | 32 | 32 | 6 |
| | Snaith | id | m | 34 | 33 | 3 |
| 10 | Spurn Head | cm | | 34 | * | 2 |
| | Leeming | of | cf | 34 | 33 | 1 |
| | Tynemouth | om | | 33 | 32 | 0·4 |
| | Acklington | cm | cir | 31 | 29 | Tr |
| 11 | St. Abb's Head | cc | id | 34 | * | 0·4 |
| | Leuchars | cm | id | 33 | 30 | Tr |
| | Montrose | cm | cm | 31 | 25 | - |
| 12 | Abbotsinch | cff | d | 36 | 34 | Tr |
| | Prestwick | cd | dm | 38 | 35 | 0·2 |
| | West Freugh | cbc | cm | 40 | 38 | 3 |
| | Eskdalemuir | | cd | 32 | 32 | 2 |
| | Jurby, I. of Man | cm | id | 40 | 38 | 4 |
| 13A | Machrihanish | cir | id | 39 | 37 | - |
| | Tiree | bc | pr | 36 | 32 | 3 |
| | Oban | cid | m | 35 | * | * |
| 13B | Stornoway | cp | r | 44 | 37 | 1 |
| | Cape Wrath | bc | | 30 | * | - |
| 15 | Dalwhinnie | * | o | 32 | 30 | - |
| | Aberdeen | | bm | 29 | 23 | - |
| | Fraserburgh | bbx | bx | 27 | | - |
| | Alness | bcb | bx | 25 | 19 | - |
| | Wick | b | b | 30 | 22 | - |
| 16 | Hatston | b | b | 30 | * | - |
| | Sumburgh | bcb | bbc bx | 36 | 29 | - |
| | Sullom Voe | b | b | 32 | 27 | - |
| 17 | Blacksod Point | d | b | 42 | * | 4 |
| 18 | Malin Head | | b | 36 | * | 0·2 |
| | Aldergrove | om | id | 39 | 32 | 2 |
| | Cas. Archdale | cbcc | ec | 39 | 36 | 3 |
| 19 | Birr Castle | * | bc | 42 | 40 | 6 |
| | Collinstown | r | bc | 39 | 38 | 6 |
| 20 | Foynes | r | bc | 44 | 43 | 7 |
| | Valentia | d | c | 49 | 48 | 5 |
| | Roches Point | r | cbc | 47 | * | 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.
‡ Second figure in col. (33) gives depth of snow in inches.

Page 1.

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

Tuesday 13th February 1945

No. 30399

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

| 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 | 03·7 | +20 | SW'W | 3 | id. | 52 | 50 | 6 | 5 | - | - | 8 | 7 | 8 | 11 | 25 |
| | Croydon | 04·6 | +20 | SW | 4 | z. | 53 | 51 | 6 | 5 | - | - | 8 | 5 | 8 | 10 | 25 |
| | Boscombe Down | 04·7 | +22 | WSW | 5 | c | 56 | 51 | 8 | 5 | 7 | - | 7 | 3 | 4 | 6 | 15 |
| | Thorney Island | 06·4 | +20 | WSW | 4 | z. | 52 | 49 | 6 | - | - | - | 8 | 8 | - | 6 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 05·7 | +22 | WSW | 4 | z. | 49 | 49 | 6 | 5 | - | - | 8 | 4 | 8 | 3 | 8 |
| | Manston | 03·6 | +6 | SW'W | 4 | z. | 53 | 50 | 5 | 5 | 7 | - | 7 | 4 | 5 | 4 | 15 |
| 2 | North Weald | 03·4 | +10 | S | 2 | cf | 51 | 50 | 3 | - | 2 | - | 8 | 4 | 8 | 5 | 15 |
| | Felixstowe | 02·3 | -10 | S'E | 3 | f/r | 41 | 40 | 3 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Gorleston | 02·7 | -2 | S'E | 4 | d.d. | 39 | 36 | 6 | 6 | - | - | 8 | 8 | - | 6 | - |
| | Mildenhall | 01·2 | -6 | SSE | 3 | c/d | 40 | 43 | 4 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Bircham Newton | 01·5 | -10 | SE | 3 | d.df | 39 | 39 | 3 | - | 2 | - | 8 | 8 | - | 4 | - |
| | Cranwell | 00·7 | -4 | SE | 3 | df | 38 | 38 | 2 | 5 | - | - | 8 | 8 | - | 5 | - |
| 3 | Cranfield | 01·1 | +4 | W'S | 5 | c | 53 | 49 | 7 | 5 | - | - | 7 | 4 | 5 | 10 | 25 |
| | Honiley | 00·1 | +6 | WSW | 4 | c | 54 | 48 | 8 | 5 | - | - | 7 | 7 | - | 10 | - |
| 4 | Little Rissington | 01·8 | +32 | WSW | 6 | = | 51 | 49 | 7 | 5 | - | - | 8 | 5 | 8 | 6 | 15 |
| | Shobden | 00·1 | +12 | WSW | 6 | c | 55 | 50 | 8 | 8 | 7 | 5 | 7 | 4 | 6 | 12 | 15 |
| 5 | Bristol | 09·4 | +16 | W'S | 6 | z. | 54 | 51 | 6 | 6 | 2 | - | 8 | 5 | 8 | 6 | 15 |
| | Chivenor | 06·2 | +22 | WSW | 6 | id. | 52 | 50 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 8 |
| | Yeovilton | 05·3 | +20 | WSW | 5 | id. | 57 | 54 | 7 | 8 | 7 | - | 6 | 4 | 6 | 8 | 15 |
| | Portland Bill | 06·5 | +22 | SW | 5 | = | 48 | 46 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 06·3 | +16 | W | 5 | c | 57 | 49 | 8 | 5 | - | - | 8 | 4 | 6 | 9 | 15 |
| | Plymouth | 09·0 | +18 | W'S | 4 | d.d. | 50 | 50 | 6 | 5 | - | - | 8 | 8 | - | 2 | - |
| | St. Eval | 07·9 | +18 | SW'W | 6 | z. | 52 | 50 | 6 | 5 | - | - | 8 | 4 | 8 | 5 | 15 |
| | The Lizard | 08·4 | +20 | WSW | 6 | m/d | 51 | 51 | 4 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Scilly, St. Marys | 07·0 | +14 | SW'W | 6 | z. | 51 | 50 | 6 | 5 | - | - | 7 | 7 | - | 12 | - |
| 6 | Fairwood | 04·7 | +24 | SW'S | 6 | df | 49 | 49 | 3 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Pembroke | 02·1 | +18 | SW | 7 | z. | 50 | 48 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Aberporth | 01·3 | +26 | SW'W | 6 | id. | 53 | 50 | 7 | 5 | - | - | 7 | 5 | 7 | 4 | 25 |
| 7 | Penrhos | 99·0 | +16 | SW | 6 | id. | 50 | 49 | 4 | 5 | - | - | 8 | 8 | - | 1 | - |
| | Holyhead, Valley | 97·1 | +12 | SW | 6 | z. | 49 | 48 | 5 | - | 2 | - | 8 | 8 | - | 5 | - |
| | Hawarden | 97·7 | +2 | W | 6 | c/d | 55 | 51 | 7 | 5 | 7 | - | 6 | 2 | 5 | 15 | 25 |
| 8 | Manchester | 98·2 | +6 | S'W | 4 | r. | 46 | 45 | 4 | 6 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| | Squires Gate | 96·9 | -6 | SE | 3 | df | 42 | 42 | 2 | - | 2 | - | 8 | 8 | - | 4 | - |
| | Silloth | 95·5 | -20 | E | 3 | z. | 43 | 41 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 15 |
| 9 | Ashbourne | 00·5 | +2 | — | 0 | rf | 36 | 35 | 2 | - | 2 | - | 8 | 8 | - | 2 | - |
| | Snaith | 99·6 | -10 | SE'S | 3 | id. | 38 | 37 | 4 | - | 2 | - | 8 | 8 | - | 5 | - |
| 10 | Spurn Head | 01·3 | -6 | S'E | 4 | r.r. | 39 | 37 | 5 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Leeming | 99·3 | -6 | SSE | 2 | rf | 37 | 37 | 3 | 6 | 2 | - | 8 | 5 | 8 | 4 | 15 |
| | Tynemouth | 00·3 | +2 | S | 3 | ir. | 39 | 36 | 4 | 5 | 2 | - | 8 | 8 | - | 14 | - |
| | Acklington | 98·8 | -2 | S | 4 | r.r. | 38 | 35 | 4 | 5 | 7 | - | 8 | 4 | 8 | 8 | - |
| 11 | St. Abb's Head | 97·1 | -6 | SE | 2 | z. | 39 | 36 | 6 | 5 | 7 | - | 8 | 5 | 3 | 20 | - |
| | Leuchars | 96·9 | -10 | - | 0 | z. | 39 | 38 | 5 | 5 | 7 | - | 8 | 4 | 8 | 50 | - |
| | Montrose | 98·2 | +2 | SSE | 2 | z. | 40 | 32 | 5 | 5 | - | - | 8 | 5 | 8 | 15 | 40 |
| 12 | Abbotsinch | 96·1 | -8 | ENE | 1 | id.f | 41 | 40 | 3 | 5 | 2 | - | 8 | 4 | 8 | 10 | 15 |
| | Prestwick | 95·1 | -8 | ESE | 3 | ir. | 43 | 38 | 6 | 5 | 2 | - | 4 | 5 | 8 | 15 | - |
| | West Freugh | 94·3 | -14 | SE | 4 | d.d. | 41 | 41 | 4 | - | 2 | - | 8 | 8 | - | 2 | - |
| | Eskdalemuir | 96·4 | -10 | SE'S | 2 | dd | 39 | 36 | 6 | - | 2 | - | 8 | 8 | - | 4 | - |
| | Jurby, I. of Man | 94·7 | -22 | SE'E | 3 | r.r. | 44 | 41 | 6 | 6 | 7 | - | 8 | 4 | 5 | 8 | 15 |
| 13A | Machrihanish | 90·2 | -14 | ESE | 4 | r.r. | 42 | 41 | 6 | 5 | - | - | 8 | 3 | 8 | 5 | 15 |
| | Tiree | 92·0 | -16 | SE | 5 | d.d. | 43 | 43 | 7 | 5 | - | - | 8 | 5 | 8 | 3 | 15 |
| | Oban | 94·8 | -12 | E | 1 | z. | 41 | 39 | 6 | 5 | 7 | - | 8 | 4 | 3 | 15 | 40 |
| 13B | Stornoway | 92·7 | +2 | S | 4 | c | 44 | 39 | 8 | 6 | 7 | - | 7 | 4 | 5 | 18 | 25 |
| | Cape Wrath | 94·2 | -2 | S | 2 | bc | 45 | 35 | 9 | 5 | 4 | - | 4 | 1 | - | 40 | - |
| 15 | Dalwhinnie | 95·5 | 0 | S | 3 | c | 35 | 32 | 6 | 5 | 2 | - | 8 | 6 | 2 | 18 | 72 |
| | Aberdeen | 98·2 | 0 | SE'S | 1 | m | 39 | 36 | 4 | 5 | 2 | - | 8 | 6 | 8 | 15 | - |
| | Fraserburgh | 98·0 | -2 | SSE | 4 | z. | 38 | 36 | 5 | 5 | - | - | 7 | 4 | 7 | 20 | 40 |
| | Alness | 95·4 | -2 | - | 0 | z. | 37 | 34 | 6 | - | 3 | 1 | 5 | 5 | 1 | - | - |
| | Wick | 96·0 | -2 | SSE | 3 | bc | 39 | 35 | 8 | 1 | 4 | 1 | 4 | 3 | 2 | 25 | - |
| 16 | Hatston | 96·0 | 0 | SE'S | 4 | z. | 42 | 37 | 6 | 1 | - | 8 | 4 | 4 | 4 | 10 | - |
| | Sumburgh | 97·8 | +2 | S | 4 | < | 41 | 36 | 8 | 1 | - | 5 | 7 | 6 | 2 | 25 | - |
| | Sullom Voe | 98·0 | +2 | SE | 4 | c.bc | 41 | 34 | 8 | 1 | - | 6 | 5 | 2 | 4 | 20 | - |
| 17 | Blacksod Point† | 87·2 | -26 | S'W | 6 | r.r. | 52 | 48 | 6 | 6 | 7 | - | 8 | 4 | - | 8 | - |
| 18 | Malin Head † | 88·6 | -24 | SSE | 3 | r.r. | 44 | 42 | 7 | 5 | 2 | - | 8 | 4 | - | 8 | - |
| | Aldergrove | 91·4 | -30 | SE'E | 4 | r | 44 | 42 | 5 | 5 | 2 | - | 8 | 5 | 8 | 6 | 15 |
| | Cas. Archdale | 90·3 | -30 | SE | 1 | id. | 45 | 45 | 6 | 5 | - | - | 8 | 4 | 8 | 3 | 8 |
| 19 | Birr Castle … † | 92·8 | -4 | SW | 4 | r | 55 | 51 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - |
| | Collinstown † | 99·3 | -14 | SW | 7 | id. | 55 | 51 | 8 | 7 | 7 | - | 7 | 7 | - | 11 | - |
| 20 | Foynes … † | 94·5 | -2 | SW'S | 6 | id. | 54 | 52 | 7 | 5 | - | - | 7 | 7 | - | 9 | - |
| | Valentia … † | 94·8 | -8 | SW'S | 7 | ir. | 54 | 52 | 6 | 5 | - | - | 8 | 8 | - | 11 | - |
| | Roches Point † | 99·5 | +4 | WSW | 5 | id. | 52 | 50 | 6 | 5 | - | - | 8 | 8 | - | 5 | - |

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

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 05·9 | +10 | SW | 4 | z. | 51 | 48 | 6 | 5 | - | - | 8 | 6 | 8 | 12 | 25 |
| | Croydon | 07·1 | +8 | SW | 3 | z. | 52 | 48 | 5 | 5 | - | - | 7 | 4 | 7 | 7 | 15 |
| | Boscombe Down | 06·7 | +6 | SW | 5 | c | 52 | 49 | 7 | 5 | - | - | 8 | 4 | 8 | 6 | 25 |
| | Thorney Island | 08·9 | +6 | SW'S | 4 | z. | 51 | 49 | 5 | 6 | 2 | - | 8 | 7 | 8 | 5 | 15 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 08·3 | +14 | WSW | 6 | z. | 49 | 48 | 5 | 6 | 2 | - | 8 | 4 | 8 | 4 | 15 |
| | Manston | 07·1 | +20 | SW | 5 | z. | 51 | 48 | 6 | 5 | 4 | - | 6 | 4 | 6 | 6 | 40 |
| 2 | North Weald | 05·0 | +6 | SSW | 4 | id. | 53 | 49 | 4 | 5 | - | - | 7 | 5 | 7 | 6 | 25 |
| | Felixstowe | 03·8 | +10 | SW'W | 4 | z. | 52 | 50 | 6 | 5 | - | - | 2 | 2 | - | 30 | - |
| | Gorleston | 02·4 | +2 | WSW | 4 | cq | 53 | 49 | 7 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Mildenhall | 02·3 | -10 | WSW | 6 | z. | 54 | 52 | 7 | 5 | - | - | 4 | 4 | - | 15 | - |
| | Bircham Newton | 00·8 | -2 | WSW | 6 | c | 53 | 49 | 7 | 5 | - | - | 6 | 6 | - | 35 | - |
| | Cranwell | 99·5 | -2 | SW | 6 | z. | 53 | 49 | 6 | 5 | - | - | 4 | 4 | - | 20 | - |
| 3 | Cranfield | 02·7 | +8 | W | 6 | c | 53 | 47 | 7 | 5 | - | - | 6 | 4 | 5 | 10 | 25 |
| | Honiley | 01·2 | +10 | SSW | 5 | c | 52 | 48 | 8 | 5 | - | - | 7 | 3 | 7 | 9 | 15 |
| 4 | Little Rissington | 02·6 | +2 | WSW | 8 | c/d | 50 | 48 | 7 | 5 | - | - | 8 | 5 | 8 | 6 | 15 |
| | Shobden | 02·4 | +6 | WSW | 6 | c/d | 52 | 48 | 7 | 5 | 7 | - | 8 | 6 | - | 16 | - |
| 5 | Bristol | 04·8 | -4 | W | 5 | bc | 54 | 48 | 7 | 8 | - | - | 4 | 3 | 3 | 22 | 40 |
| | Chivenor | 05·4 | -8 | SW | 6 | c.bc | 53 | 47 | 7 | 5 | 3 | - | 5 | 4 | 5 | 15 | 25 |
| | Yeovilton | 06·7 | +4 | SSW | 4 | c.bc | 52 | 50 | 7 | 5 | 7 | - | 5 | 4 | 5 | 20 | 57 |
| | Portland Bill | 08·3 | +6 | SW | 5 | 0 | 48 | 46 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 07·4 | +6 | S | 3 | bc | 54 | 46 | 7 | 8 | - | - | 4 | 3 | 3 | 10 | 25 |
| | Plymouth | 09·0 | +4 | WSW | 6 | z. | 50 | 48 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| | St. Eval | 07·5 | -2 | SW'S | 6 | z. | 51 | 48 | 6 | 5 | 4 | - | 5 | 4 | 4 | 3 | 15 |
| | The Lizard | 08·3 | 0 | SW'W | 7 | z. | 49 | 49 | 6 | 5 | 3 | - | 4 | 4 | 3 | 15 | 15 |
| | Scilly, St. Marys | 06·3 | 0 | SW | 6 | c | 51 | 49 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| 6 | Fairwood | 04·0 | -10 | SW | 6 | z. | 40 | 47 | 6 | 5 | - | - | 7 | 6 | 7 | 3 | 25 |
| | Pembroke | 00·6 | -6 | SW'S | 7 | z. | 50 | 47 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Aberporth | 01·1 | +2 | SW'W | 6 | c/d | 51 | 48 | 6 | 5 | - | - | 8 | 5 | 8 | 3 | 15 |
| 7 | Penrhos | 98·4 | -2 | SSW | 6 | z. | 49 | 47 | 6 | 5 | - | - | 8 | 7 | 8 | 10 | 15 |
| | Holyhead, Valley | 96·4 | -2 | SSW | 7 | d.d. | 49 | 47 | 5 | 6 | 2 | - | 8 | 4 | 8 | 6 | 15 |
| | Hawarden | 96·6 | +2 | W | 8 | bc/r | 53 | 48 | 7 | 5 | - | - | 4 | 2 | 4 | 10 | 25 |
| 8 | Manchester | 97·6 | 0 | SSW | 5 | c/r | 53 | 47 | 8 | 5 | - | - | 7 | 5 | 7 | 6 | 15 |
| | Squires Gate | 95·8 | -2 | WSW | 6 | z. | 49 | 46 | 6 | 5 | 7 | - | 6 | 5 | 5 | 8 | - |
| | Silloth | 90·7 | -10 | SW'S | 6 | d.d. | 48 | 47 | 5 | 6 | 2 | - | 8 | 5 | 8 | 5 | 15 |
| 9 | Ashbourne | 99·7 | +2 | SSW | 4 | c | 52 | 47 | 8 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Snaith | 97·1 | -2 | SW | 5 | ir. | 54 | 48 | 6 | 5 | 7 | - | 6 | 4 | 6 | 16 | - |
| 10 | Spurn Head | 98·4 | -12 | SSW | 5 | z. | 46 | 45 | 6 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Leeming | 94·4 | -22 | NNE | 5 | r.r. | 51 | 47 | 6 | 6 | 2 | - | 8 | 5 | 8 | 6 | - |
| | Tynemouth | 93·4 | -32 | SSE | 4 | z. | 40 | 40 | 5 | - | 2 | - | 8 | 8 | - | 14 | - |
| | Acklington | 91·8 | -36 | S'E | 3 | rf | 38 | 38 | 3 | - | 2 | - | 8 | 8 | - | 3 | - |
| 11 | St. Abb's Head | 89·6 | -36 | S | 4 | d.d. | 38 | 36 | 6 | 5 | - | - | 8 | 6 | - | 10 | - |
| | Leuchars | 89·7 | -42 | ESE | 3 | r | 39 | 34 | 5 | 5 | 2 | - | 8 | 5 | 8 | 6 | 15 |
| | Montrose | 92·5 | -34 | ESE | 5 | r | 39 | 37 | 5 | 5 | 2 | - | 8 | 5 | 8 | 9 | 15 |
| 12 | Abbotsinch | 88·1 | -40 | ENE | 2 | d.d. | 40 | 40 | 3 | 6 | 2 | - | 8 | 4 | 8 | 10 | 15 |
| | Prestwick | 87·3 | -34 | S | 4 | d | 50 | 49 | 5 | 6 | 2 | - | 8 | 2 | 5 | 5 | 8 |
| | West Freugh | 88·7 | -28 | SW | 5 | c/d | 48 | 48 | 7 | 5 | - | - | 7 | 7 | - | 6 | - |
| | Eskdalemuir | 89·4 | -30 | SWS | 4 | r | 43 | 42 | 5 | 6 | 2 | - | 8 | 5 | 8 | 5 | 15 |
| | Jurby, I. of Man | 91·6 | -8 | SSW | 6 | z. | 51 | 49 | 6 | 5 | 2 | - | 8 | 3 | 6 | 6 | 15 |
| 13A | Machrihanish | 86·2 | -30 | SW'S | 5 | c | 53 | 51 | 6 | 5 | - | - | 8 | 3 | 8 | 8 | 15 |
| | Tiree | 83·9 | -44 | E'S | 5 | d.d. | 42 | 41 | 6 | 6 | - | - | 8 | 4 | 8 | 2 | 8 |
| | Oban | 86·6 | -46 | ENE | 3 | d.d. | 39 | 38 | 6 | 6 | 2 | - | 8 | 7 | 8 | 8 | 25 |
| 13B | Stornoway | 86·9 | -30 | ESE | 3 | c | 42 | 38 | 7 | 5 | 7 | - | 6 | 4 | 6 | 40 | - |
| | Cape Wrath | 88·9 | -32 | S | 3 | c | 40 | 32 | 9 | 0 | 4 | - | 8 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 88·5 | -30 | SE | 3 | r | 35 | 32 | 4 | 5 | 2 | - | 8 | 4 | 8 | 18 | 72 |
| | Aberdeen | 92·8 | -32 | SE'S | 4 | r.r. | 39 | 36 | 5 | 6 | 2 | - | 8 | 6 | 8 | 8 | 25 |
| | Fraserburgh | 93·0 | -28 | SSE | 4 | r.r. | 38 | 38 | 4 | 6 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| | Alness | 89·6 | -40 | E | 2 | ir. | 37 | 35 | 6 | 5 | - | - | 8 | 8 | - | 30 | - |
| | Wick | 91·6 | -26 | SE | 5 | z. | 40 | 38 | 5 | 5 | 2 | - | 8 | 5 | 8 | 7 | 25 |
| 16 | Hatston | 92·1 | -20 | SE | 5 | z. | 40 | 38 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Sumburgh | 95·5 | -14 | SE'S | 4 | pr. | 41 | 39 | 7 | 8 | 7 | - | 8 | 6 | 8 | 12 | - |
| | Sullom Voe | 96·6 | -6 | SE | 4 | c/pr | 40 | 38 | 7 | 9 | 3 | - | 7 | 4 | 5 | 10 | 25 |
| 17 | Blacksod Point† | 85·6 | +32 | WSW | 4 | d.d. | 49 | 47 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - |
| 18 | Malin Head † | 84·7 | +4 | SW | 5 | ir | 49 | 47 | 8 | 5 | 2 | - | 8 | 4 | - | 6 | - |
| | Aldergrove | 88·2 | -6 | SW'S | 5 | c/d | 51 | 49 | 7 | 6 | 2 | - | 8 | 5 | 8 | 5 | 15 |
| | Cas. Archdale | 89·3 | -14 | WSW | 6 | c/d | 50 | 46 | 8 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| 19 | Birr Castle … † | 92·3 | -4 | SW | 4 | r | 54 | 50 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - |
| | Collinstown † | 99·0 | +2 | SW | 6 | pr. | 54 | 50 | 8 | 8 | - | - | 7 | 7 | - | 22 | - |
| 20 | Foynes … † | 94·3 | +14 | W | 4 | c/r | 52 | 48 | 7 | 8 | 2 | - | 8 | 4 | - | 8 | - |
| | Valentia … † | 96·0 | +16 | SW | 4 | c/r | 52 | 50 | 6 | 5 | 7 | - | 8 | 4 | - | 12 | - |
| | Roches Point † | 97·4 | 0 | SW'S | 5 | dd | 50 | 49 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |

## 21 h / OBSERVATIONS during DAY

| District | Stations | State of Ground ‡ 0-9 (33) | Weather 06h.–12h. (34) | Weather 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|---|---|
| 1 | Kew | 1 | cid.m. | cid.d.cm. | 55 | 0·0 | 0·1 |
| | Croydon | 1 | cr.id.m. | cid.m. | 56 | 0·1 | 0·1 |
| | Boscombe Down | 1 | c | ccid.c | 56 | 0·0 | Tr |
| | Thorney Island | 1 | cm.om. | cm. | 52 | * | 0·1 |
| | Friston | | | | | | |
| | Lympne | 1 | od.d.Fr.cm. | cm. | 50 | 0·0 | 0·3 |
| | Manston | 1 | od.d.fom. | cm. | 55 | 0·0 | 2 |
| 2 | North Weald | 1 | or.r.ff.cff | cm. | 55 | * | 1 |
| | Felixstowe | 0 | cr.r.f | cm.bm. | 56 | 0·7 | 2 |
| | Gorleston | 1 | or.r.d.d. | czocq | 54 | 0·0 | 5 |
| | Mildenhall | 1 | cm.r.r.id.d. | cm. | 56 | 0·1 | 3 |
| | Bircham Newton | 1 | cr.r.fdd | c | 53 | 0·0 | 5 |
| | Cranwell | 1 | or.f.r.d.d.f | odod.fbcm. | 54 | 0·0 | 6 |
| 3 | Cranfield | 1 | m.r.r.m.d.d. | c | 55 | * | - |
| | Honiley | 1 | od.ffm. | cbc | 56 | 0·8 | 0·3 |
| 4 | Little Rissington | 1 | c | ccid.cid.m.c | 52 | * | Tr |
| | Shobden | 2 | cpc | ccid. | 56 | * | 0·2 |
| 5 | Bristol | 1 | d.d.m. | cid.c | 55 | 0·1 | 0·1 |
| | Chivenor | 1 | cm.od.m. | cid.m. | 57 | 0·0 | 0·2 |
| | Yeovilton | 2 | c.z.d.d.id.cid | id.oc | 57 | * | Tr |
| | Portland Bill | 1 | R | c | 48 | * | - |
| | Exeter | 1 | cc | cbc | 57 | 1·5 | Tr |
| | Plymouth | 1 | od.d.m. | cd.d.cm. | 52 | 0·0 | 0·1 |
| | St. Eval | 1 | oddof | rid.m. | 54 | 1·1 | 0·6 |
| | The Lizard | 1 | ddo | cz | 52 | 1·6 | 1 |
| | Scilly, St. Marys | 1 | olodc | bcc | 53 | 2·5 | 0·1 |
| 6 | Fairwood | 1 | om.r.d.f | od.d.r.oc | 50 | * | 0·1 |
| | Pembroke | 1 | cr.r.cr. | cm. | 50 | 0·0 | 6 |
| | Aberporth | 1 | ir.c | oid.m. | 54 | 0·2 | 3 |
| 7 | Penrhos | 1 | cir.cm. | bd.dom.cm | 51 | 0·0 | 0·3 |
| | Holyhead, Valley | 1 | od.d.fom. | pid.d.d.m. | 49 | | 0·5 |
| | Hawarden | 1 | cr.r.femcid | ccir.c | 56 | 0·8 | 0·6 |
| 8 | Manchester | 1 | pir.m. | cir.c | 56 | | 0·2 |
| | Squires Gate | 1 | oddf | cir.m. | 50 | * | 3 |
| | Silloth | 2 | cr.r.cd.d.cm | om.cr.r.m. | 48 | * | 9 |
| 9 | Ashbourne | 1 | or.r.f.R | cffr.r. | 53 | * | 4 |
| | Snaith | 1 | crrfid.m | dorrfm. | 55 | 0·0 | 5 |
| 10 | Spurn Head | 1 | omr.r. | cm. | 55 | 0·0 | 5 |
| | Leeming | 1 | ofor.r.R | cr.r.m | 52 | 0·0 | 7 |
| | Tynemouth | 1 | oir. | orrm.o | 51 | | 9 |
| | Acklington | 1 | mcir.r. | omfr.r. | 49 | * | 6 |
| 11 | St. Abb's Head | 1 | bccm. | cmrrcm. | 47 | * | 6 |
| | Leuchars | 1 | cmcm. | cm.crrm. | 40 | 0·0 | 7 |
| | Montrose | 1 | cfxcm.cm. | cm.rrm. | 40 | 0·0 | 8 |
| 12 | Abbotsinch | 1 | cid.off | rrffd. | 41 | 0·0 | 13 |
| | Prestwick | 1 | cir.m. | rrdrm. | 52 | * | 13 |
| | West Freugh | 1 | orrmod.d.m | odrcddmcdf | 51 | * | 1 |
| | Eskdalemuir | 1 | oddFm. | cpRrm. | 46 | 0·0 | 18 |
| | Jurby, I. of Man | 1 | er.r.m.cm. | r.r.d.cm. | 54 | * | 2 |
| 13A | Machrihanish | 0 | ddrr | ffc | 53 | * | 0·1 |
| | Tiree | 1 | cid.cd.d. | cr.r.cd.d. | 47 | 0·0 | 5 |
| | Oban | 1 | ccm. | ccr.r.d.d.m. | 45 | * | r |
| 13B | Stornoway | 1 | cbcc | c | 44 | 0·0 | - |
| | Cape Wrath | 1 | b | bcc | 46 | * | - |
| 15 | Dalwhinnie | 4 | ocq | orr | 36 | 0·0 | 8 |
| | Aberdeen | 1 | ccfm | cmr.r.m. | 40 | 0·0 | 8 |
| | Fraserburgh | 1 | bxbcm.om. | cmcrrm | 40 | * | 5 |
| | Alness | 1 | bcxcm. | cid.r.m. | 38 | 1·3 | 1 |
| | Wick | 1 | bm.bc | cm. | 42 | 4·7 | 2 |
| 16 | Hatston | 1 | bcm. | cc | 42 | * | 0·4 |
| | Sumburgh | 1 | bxbcc | cprc | 43 | 4·0 | 0·5 |
| | Sullom Voe | 1 | bbc | bcpor | 42 | * | Tr |
| 17 | Blacksod Point† | 2 | r | d | 53 | * | 6 |
| 18 | Malin Head † | 2 | r | r | 50 | 0·0 | 3 |
| | Aldergrove | 1 | cr.id.m | r.r.d.d.m.c | 52 | 0·0 | 7 |
| | Cas. Archdale | 1 | cd.d.mrr | cd.d.o | 53 | | 5 |
| 19 | Birr Castle … † | 1 | r | r | 57 | 0·0 | 2 |
| | Collinstown † | 2 | d | pr | 51 | 0·4 | 3 |
| 20 | Foynes … † | 1 | r | r | 56 | 0·0 | 3 |
| | Valentia … † | 1 | r | r | 57 | 0·0 | 0·4 |
| | Roches Point † | 1 | d | d | 52 | * | 2. |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

* Information not usually received.

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.

‡ See footnote p. 4.

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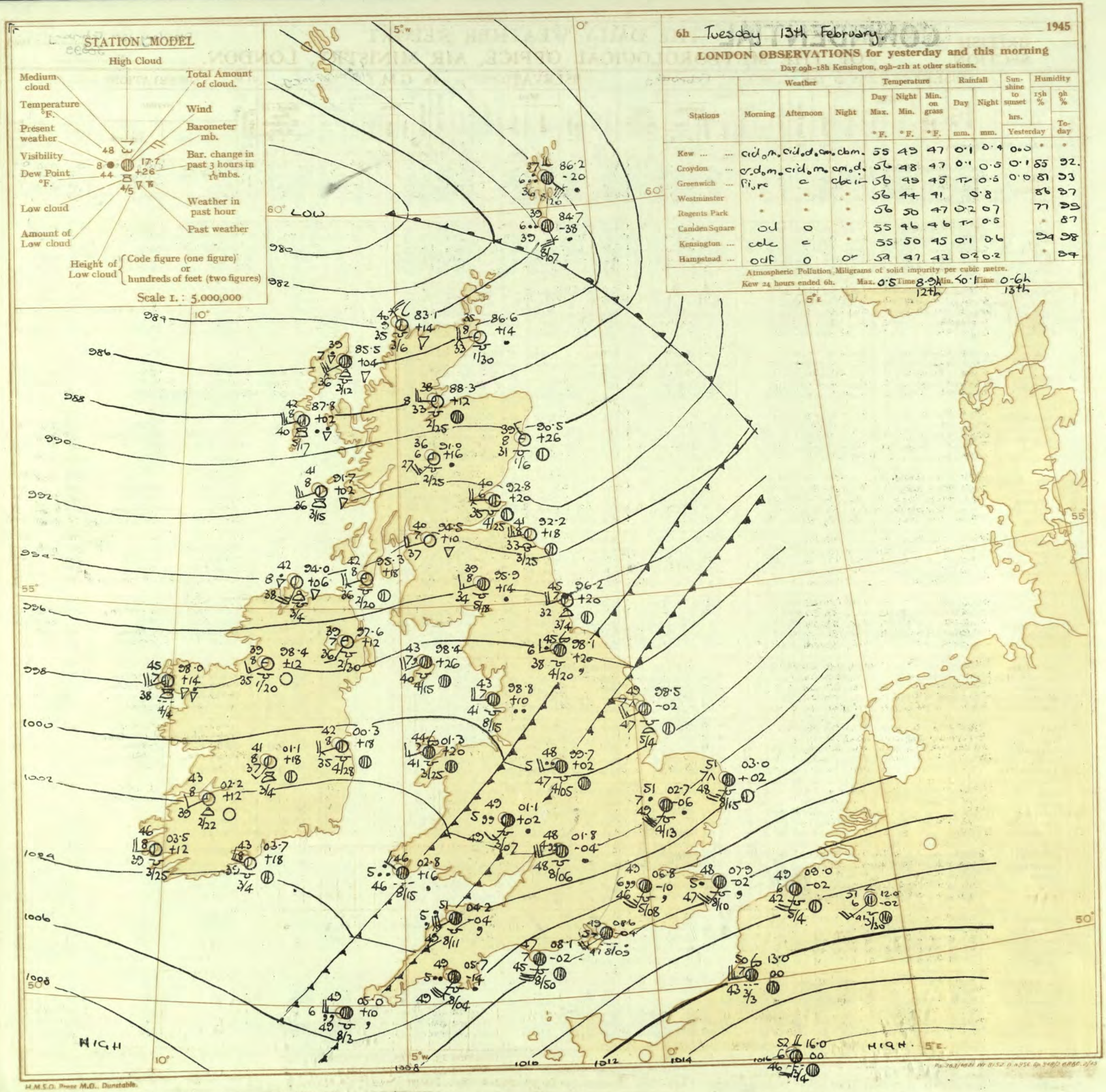



6h Tuesday 13th February. 1945

**LONDON OBSERVATIONS for yesterday and this morning**

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | cid.m. | cid.d.cm. | cbm. | 55 | 49 | 47 | 0.1 | 0.4 | 0.0 | * | * |
| Croydon ... | c.d.m. | cid.m. | cm.d. | 56 | 48 | 47 | 0.1 | 0.5 | 0.1 | 85 | 92. |
| Greenwich ... | fi,rc | c | cbc in | 56 | 49 | 45 | Tr | 0.5 | 0.0 | 81 | 93 |
| Westminster | * | * | * | 56 | 44 | 41 | | 0.8 | | 86 | 87 |
| Regents Park | * | * | * | 56 | 50 | 47 | 0.2 | 0.7 | | 77 | 99 |
| Camden Square | cd | c | * | 55 | 46 | 46 | Tr | 0.5 | | * | 87 |
| Kensington ... | cdc | c | * | 55 | 50 | 45 | 0.1 | 0.6 | | 94 | 98 |
| Hampstead ... | cdf | c | cr | 59 | 47 | 43 | 0.2 | 0.2 | | * | 84 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.

Kew 24 hours ended 6h. Max. 0.5 Time 8-9h 12th Min. <0.1 Time 0-6h 13th

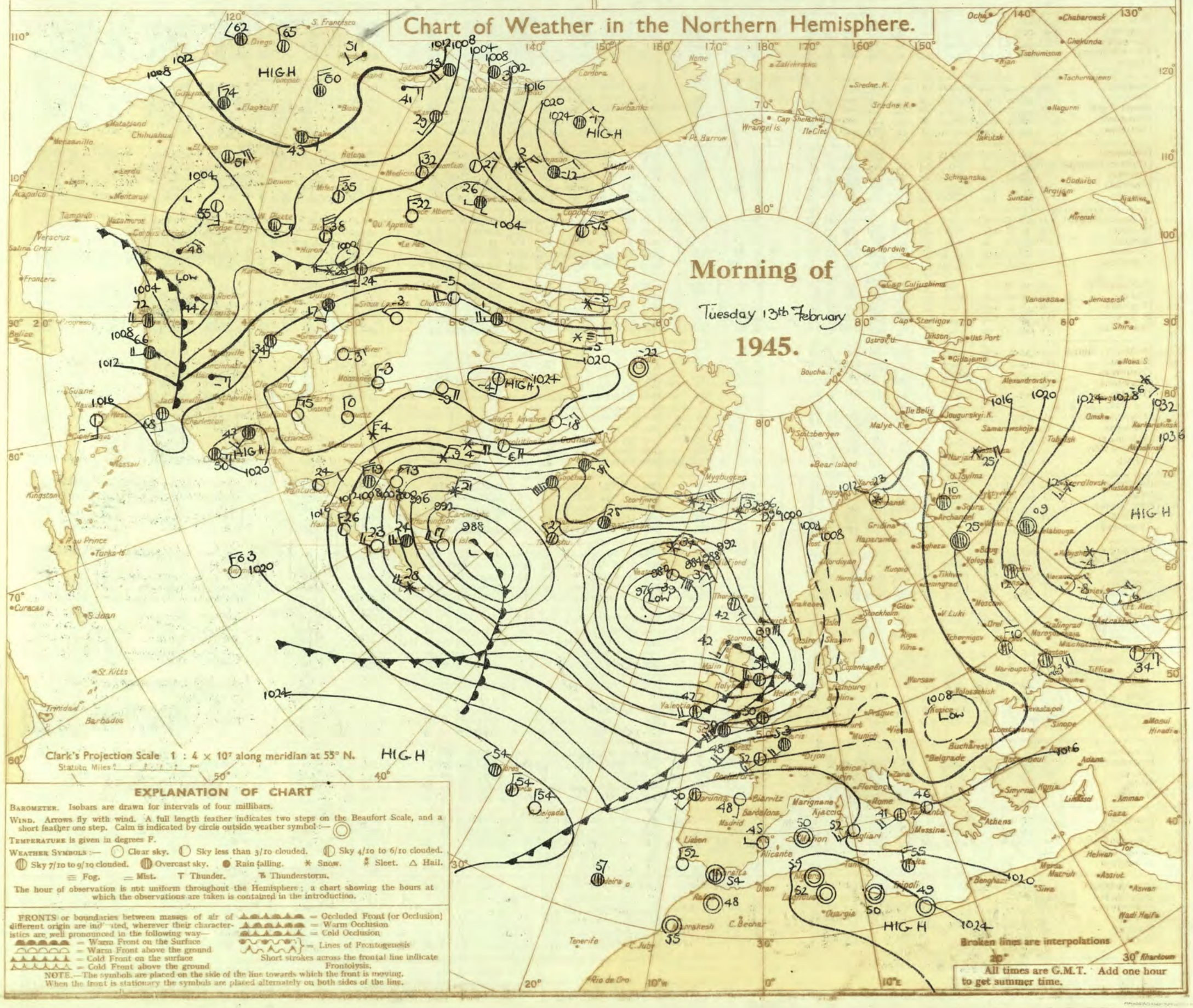
H.M.S.O. Press M.O., Dunstable.

## GENERAL INFERENCE

A cold front is moving Southeast over England followed by a wedge of high pressure. A deep depression South of Greenland will move East and later Northeast. After an interval of broken clouds and local showers chiefly in the Northwest, rain will spread Eastwards tomorrow with renewed strong winds reaching gale in the West and North.

## FURTHER OUTLOOK

A changeable Southwest to Westerly type for some days; a temporary improvement spreading Southeast tomorrow night, but showers in Northwest.



BRITISH SECTION

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

Tuesday 13th February 1945 — No. 30399

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

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | | * | * | * | * | 50 | * | * |
| | Croydon | 217 | 07·1 | 0 | SW | 4 | z0 | 50 | 44 | 6 |
| | Boscombe Down | 417 | 06·5 | 0 | SW | 7 | c | 50 | 47 | 7 |
| | Thorney Island | 10 | 09·1 | +2 | SW | 6 | z0 | 50 | 46 | 5 |
| | Friston | — | | | | | | | | |
| | Lympne | 341 | 09·4 | +6 | WSW | 6 | m | 48 | 46 | 4 |
| | Manston | 140 | 08·2 | +6 | SW'W | 6 | z0 | 49 | 46 | 6 |
| 2 | North Weald | 244 | 05·9 | +6 | SW | 5 | z0 | 50 | 44 | 6 |
| | Felixstowe | 10 | 05·5 | +10 | SSW | 4 | z0 | 46 | 44 | 6 |
| | Gorleston | 5 | 03·2 | +12 | SW'W | 5 | c | 51 | 48 | 7 |
| | Mildenhall | 15 | 03·2 | +10 | SW'W | 6 | c | 52 | 46 | 7 |
| | Bircham Newton | 221 | 01·5 | +6 | SW | 6 | z0 | 50 | 46 | 6 |
| | Cranwell | 203 | 00·0 | +2 | SW' | 6 | d0d0 | 51 | 49 | 6 |
| 3 | Cranfield | 340 | 03·2 | +2 | WSW | 5 | z0 | 51 | 47 | 6 |
| | Honiley | 427 | 01·6 | +10 | SSW | 6 | ir0 | 50 | 47 | 7 |
| 4 | Little Rissington | 731 | 02·4 | -8 | WSW | 6 | id0 | 49 | 46 | 5 |
| | Shobden | 318 | 01·2 | -6 | SW | 5 | d0d0 | 50 | 48 | 7 |
| 5 | Bristol | 209 | 04·7 | -2 | SW | 7 | c | 51 | 48 | 7 |
| | Chivenor | 20 | 05·1 | -4 | SW'S | 6 | d0d0 | 52 | 49 | 6 |
| | Yeovilton | 50 | 06·5 | -6 | SSW | 4 | c | 51 | 48 | 6 |
| | Portland Bill | 32 | 08·9 | -2 | S | 6 | o | 47 | 45 | 7 |
| | Exeter | 100 | 06·9 | -8 | SW | 4 | id0 | 51 | 49 | 6 |
| | Plymouth | 86 | 07·4 | -6 | W | 6 | ir0 | 49 | 48 | 5 |
| | St. Eval | 345 | 05·9 | -18 | W | 6 | rr | 49 | 49 | 4 |
| | The Lizard | 240 | 06·6 | -10 | SW | 7 | z0 | 49 | 49 | 8 |
| | Scilly, St. Marys | 163 | 04·7 | -16 | SW | 7 | o/d | 50 | 50 | 7 |
| 6 | Fairwood | 268 | 03·4 | -6 | SW | 6 | d0d0 | 47 | 47 | 3 |
| | Pembroke | 142 | 00·6 | 0 | SW'S | 7 | d0d0 | 48 | 48 | 6 |
| | Aberporth | 425 | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 98·3 | -6 | WSW | 5 | rr | 47 | 47 | 5 |
| | Holyhead, Valley | 32 | 97·9 | +10 | SW | 6 | dd | 47 | 47 | 4 |
| | Hawarden | 15 | 97·5 | +2 | WSW | 6 | bc | 53 | 48 | 7 |
| 8 | Manchester | 230 | 98·1 | +4 | SSW | 5 | c | 51 | 47 | 7 |
| | Squires Gate | 30 | 96·8 | +10 | WSW | 7 | o/r | 47 | 46 | 7 |
| | Silloth | 25 | 93·8' | +26 | SSW | 5 | z0 | 46 | 44 | 6 |
| 9 | Ashbourne | 590 | 99·9 | 0 | SSW | 4 | z0 | 50 | 46 | 6 |
| | Snaith | 30 | 97·9 | +2 | SW'S | 4 | z0 | 53 | 47 | 6 |
| 10 | Spurn Head | 29 | 98·0 | +4 | SW | 7 | b-bcq | 51 | 47 | 6 |
| | Leeming | 105 | 95·9 | +14 | W'S | 3 | r0r0 | 50 | 47 | 6 |
| | Tynemouth | 108 | 93·0 | +24 | W | 5 | z0 | 51 | 47 | 6 |
| | Acklington | 138 | 91·4 | +16 | SW | 6 | z0 | 50 | 46 | 6 |
| 11 | St. Abb's Head | 280 | 88·3 | +28 | WSW | 4 | b | 49 | 42 | 8 |
| | Leuchars | 31 | 88·5 | +16 | SW | 4 | z0 | 43 | 41 | 6 |
| | Montrose | 22 | 88·0 | +6 | SW | 4 | z0 | 38 | 37 | 6 |
| 12 | Abbotsinch | 19 | 90·9 | +24 | W'S | 5 | bc/r | 46 | 43 | 6 |
| | Prestwick | 30 | 92·4 | +30 | WSW | 4 | id0 | 47 | 43 | 6 |
| | West Freugh | 53 | 92·7 | +28 | WNW | 4 | id0 | 48 | 45 | 7 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 94·3 | +18 | SW | 6 | bc | 48 | 46 | 8 |
| 13A | Machrihanish | 35 | 92·5 | +38 | W | 6 | b-bc | 43 | 29 | 7 |
| | Tiree | 44 | 88·8 | +36 | W'S | 5 | b-bc | 44 | 39 | 8 |
| | Oban | 74 | 90·4 | +26 | SW | 5 | pr | 44 | 43 | 8 |
| 13B | Stornoway | 12 | 82·9 | -14 | SSW | 4 | id0 | 42 | 41 | 7 |
| | Cape Wrath | 367 | 83·8 | -20 | SE | 3 | c | 37 | 29 | 8 |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | | | |
| | Fraserburgh | 76 | 86·6 | -22 | WSW | 1 | c/d | 39 | 38 | 5 |
| | Alness | 63 | 85·9 | -6 | E'N | 1 | o/r | 34 | 34 | 6 |
| | Wick | 114 | 86·2 | -32 | SE | 6 | ir0 | 37 | 35 | 6 |
| 16 | Hatston | 45 | 98·3 | -24 | SE'E | 6 | r0r0 | 38 | 35 | 6 |
| | Sumburgh | 15 | 81·4 | -26 | SE'E | 6 | r0r0 | 39 | 37 | 6 |
| | Sullom Voe | 12 | 83·0 | -20 | ESE | 6 | r0r0 | 39 | 36 | 7 |
| 17 | Blacksod Point † | 18 | 96·0 | +24 | WNW | 5 | bc | 44 | 37 | 7 |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 94·3 | +26 | WSW | 2 | b-bc | 42 | 38 | 7 |
| | Cas. Archdale | 240 | 95·9 | +36 | W'S | 4 | b-bc | 42 | 38 | 8 |
| 19 | Birr Castle † | 173 | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 96·1 | +12 | W'S | 5 | o/r | 48 | 43 | 8 |
| 20 | Foynes † | 3 | 99·4 | +26 | W'N | 3 | bc/r | 45 | 43 | 8 |
| | Valentia † | 30 | 00·8 | +26 | W'S | 4 | bc | 47 | 40 | 8 |
| | Roches Point † | 22 | 99·3 | +18 | SW | 5 | id | 49 | 48 | 5 |

### Cloud at 00hr. G.M.T.

| Stations | 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 B. (16) |
|---|---|---|---|---|---|---|---|---|
| Kew | * | * | * | * | * | * | * | |
| Croydon | 5 | – | – | 4 | 4 | – | 20 | – |
| Boscombe Down | 5 | – | – | 8 | 8 | – | 10 | – |
| Thorney Island | 5 | – | – | 8 | 8 | – | 11 | – |
| Friston | | | | | | | | |
| Lympne | 5 | – | – | 8 | 8 | – | 11 | – |
| Manston | 5 | – | – | 7 | 7 | – | 14 | – |
| North Weald | 5 | – | – | 4 | 4 | – | 30 | – |
| Felixstowe | – | – | – | 0 | 0 | 0 | – | – |
| Gorleston | 5 | – | – | 7 | 7 | – | 15 | – |
| Mildenhall | 5 | – | – | 7 | 3 | 7 | 15 | 25 |
| Bircham Newton | 5 | 4 | – | 8 | 8 | – | 21 | – |
| Cranwell | 5 | – | – | 8 | 8 | – | 31 | – |
| Cranfield | 5 | – | – | 8 | 8 | – | 20 | – |
| Honiley | 5 | – | – | 8 | 8 | – | 10 | – |
| Little Rissington | 5 | – | – | 8 | 4 | 8 | 9 | 15 |
| Shobden | 5 | – | – | 5 | 3 | 4 | 7 | 15 |
| Bristol | 5 | – | – | 6 | 6 | – | 28 | – |
| Chivenor | 5 | – | – | 8 | 8 | – | 13 | – |
| Yeovilton | 5 | – | – | 8 | 8 | – | 18 | – |
| Portland Bill | 5 | – | – | 8 | 8 | – | 50 | – |
| Exeter | 5 | – | – | 8 | 3 | 8 | 12 | 15 |
| Plymouth | 5 | – | – | 8 | 6 | 8 | 4 | 8 |
| St. Eval | 6 | 2 | – | 8 | 5 | 8 | 4 | 8 |
| The Lizard | 5 | – | – | 8 | 8 | – | 10 | – |
| Scilly, St. Marys | 5 | – | – | 8 | 8 | – | 8 | – |
| Fairwood | 5 | – | – | 8 | 8 | – | 5 | – |
| Pembroke | 5 | – | – | 8 | 8 | – | 20 | – |
| Aberporth | * | * | * | * | * | * | * | * |
| Penrhos | – | 2 | – | 8 | 8 | – | 5 | – |
| Holyhead, Valley | 5 | – | – | 8 | 8 | – | 3 | – |
| Hawarden | 8 | – | – | 4 | 4 | – | 20 | – |
| Manchester | 5 | – | – | 8 | 8 | – | 17 | – |
| Squires Gate | 5 | – | – | 8 | 8 | – | 20 | – |
| Silloth | 5 | – | – | 8 | 5 | 8 | 26 | 40 |
| Ashbourne | 5 | – | – | 8 | 8 | – | 15 | – |
| Snaith | 5 | – | – | 8 | 8 | – | 25 | – |
| Spurn Head | 7 | – | – | 3 | 3 | – | 15 | – |
| Leeming | 5 | 7 | – | 4 | 3 | 3 | 15 | 57 |
| Tynemouth | 2 | – | – | 4 | 4 | – | 25 | – |
| Acklington | 5 | – | – | 4 | 2 | 3 | 15 | 40 |
| St. Abb's Head | 4 | – | – | 2 | 2 | – | 25 | – |
| Leuchars | 5 | – | – | 2 | 2 | – | 15 | – |
| Montrose | – | – | – | 0 | 0 | 0 | – | – |
| Abbotsinch | 8 | – | – | 4 | 4 | – | 20 | – |
| Prestwick | 5 | – | – | 8 | 4 | 8 | 20 | 40 |
| West Freugh | 5 | – | – | 8 | 8 | – | 20 | – |
| Eskdalemuir | * | * | * | * | * | * | * | * |
| Jurby, I. of Man | 8 | 7 | – | 4 | 3 | 3 | 12 | 25 |
| Machrihanish | 5 | 7 | – | 3 | 2 | 2 | 20 | – |
| Tiree | 2 | – | – | 3 | 3 | – | 20 | – |
| Oban | 8 | – | – | 7 | 3 | 7 | 10 | 25 |
| Stornoway | 5 | 2 | – | 8 | 5 | 8 | 6 | 15 |
| Cape Wrath | 8 | 7 | – | 6 | 5 | – | 15 | – |
| Dalwhinnie | * | * | * | * | * | * | * | * |
| Aberdeen | | | | | | | | |
| Fraserburgh | 5 | 2 | – | 8 | 5 | 8 | 2 | 8 |
| Alness | 5 | – | – | 8 | 3 | 8 | 3 | 15 |
| Wick | 5 | – | – | 8 | 8 | – | 8 | – |
| Hatston | 5 | – | – | 8 | 4 | 8 | 10 | 25 |
| Sumburgh | 5 | – | – | 8 | 6 | 8 | 12 | 25 |
| Sullom Voe | 5 | – | – | 8 | 8 | – | 26 | – |
| Blacksod Point † | 5 | – | – | 4 | 4 | – | 8 | – |
| Malin Head † | * | * | * | * | * | * | * | * |
| Aldergrove | 5 | – | – | 3 | 3 | – | 25 | – |
| Cas. Archdale | 7 | – | – | 3 | 3 | – | 20 | – |
| Birr Castle † | * | * | * | * | * | * | * | * |
| Collinstown † | 5 | – | – | 8 | 8 | – | 15 | – |
| Foynes † | 5 | – | – | 4 | 4 | – | 21 | – |
| Valentia † | 5 | – | – | 4 | 4 | – | 21 | – |
| Roches Point † | 5 | – | – | 8 | 8 | – | 5 | – |

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

| 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) |
|---|---|---|---|---|---|---|---|---|
| Kew | 05·9 | -4 | SW | 5 | z0 | 49 | 46 | 6 |
| Croydon | 06·8 | -10 | SSW | 5 | d0d0 | 49 | 46 | 6 |
| Boscombe Down | 05·8 | -6 | SW | 6 | d0d0 | 49 | 48 | 6 |
| Thorney Island | 08·6 | -4 | SW'S | 5 | id0 | 49 | 47 | 5 |
| Friston | | | | | | | | |
| Lympne | 09·1 | -4 | WSW | 6 | z0 | 46 | 44 | 5 |
| Manston | 07·9 | -2 | SW'S | 5 | ir0 | 48 | 47 | 5 |
| North Weald | 05·3 | -8 | SW | 5 | id0 | 49 | 46 | 5 |
| Felixstowe | 05·2 | -2 | SWS | 5 | z0 | 46 | 45 | 6 |
| Gorleston | 03·0 | +2 | SSW | 5 | cq | 51 | 48 | 7 |
| Mildenhall | 02·7 | -6 | SW'S | 6 | ir0 | 51 | 49 | 7 |
| Bircham Newton | 01·3 | -2 | SW | 6 | d0d0 | 50 | 48 | 6 |
| Cranwell | 00·0 | +2 | SW'S | 5 | r0r0 | 50 | 49 | 5 |
| Cranfield | 02·3 | -6 | WSW | 6 | c | 50 | 47 | 7 |
| Honiley | 00·8 | -6 | SW | 5 | dr | 49 | 48 | 6 |
| Little Rissington | 01·8 | -4 | WSW | 6 | d0d0 | 48 | 48 | 4 |
| Shobden | 01·1 | +2 | SW | 3 | d0d0 | 49 | 47 | 5 |
| Bristol | 04·2 | -2 | SW | 5 | rr | 51 | 49 | 6 |
| Chivenor | 04·2 | -4 | WSW | 6 | dd | 51 | 49 | 5 |
| Yeovilton | 05·1 | -10 | SSW | 4 | d0d0 | 50 | 50 | 6 |
| Portland Bill | 08·1 | -2 | S | 6 | c | 47 | 49 | 7 |
| Exeter | 05·1 | -14 | SW | 3 | ir0 | 51 | 48 | 7 |
| Plymouth | 05·7 | -14 | SW | 6 | r0r0 | 49 | 49 | 5 |
| St. Eval | 04·7 | -4 | SSW | 6 | rr | 49 | 49 | 4 |
| The Lizard | 05·3 | -8 | SW | 7 | f6 | 49 | 49 | 5 |
| Scilly, St. Marys | 05·0 | +10 | W | 5 | d0d0 | 49 | 49 | 6 |
| Fairwood | 02·4 | -4 | SW | 6 | rf | 47 | 47 | 3 |
| Pembroke | 02·8 | +16 | WNW | 3 | rr | 46 | 46 | 5 |
| Aberporth | 02·6 | +16 | SW | 3 | rr | 45 | 43 | 5 |
| Penrhos | 00·7 | +16 | WSW | 6 | r0r0 | 45 | 43 | 5 |
| Holyhead, Valley | 01·3 | +20 | W'S | 3 | c | 44 | 41 | 7 |
| Hawarden | 00·3 | +20 | NW | 3 | r0r0 | 45 | 45 | 6 |
| Manchester | 06·2 | +22 | NW'W | 4 | rr | 45 | 43 | 7 |
| Squires Gate | 98·8 | +10 | W | 4 | c/r | 43 | 41 | 7 |
| Silloth | 97·2 | +16 | SW | 4 | c | 41 | 38 | 8 |
| Ashbourne | 99·7 | +2 | WSW | 4 | r0r0 | 48 | 47 | 5 |
| Snaith | 99·2 | +14 | W'N | 4 | r0r0 | 47 | 45 | 5 |
| Spurn Head | 98·5 | -2 | SW'W | 5 | c-bcq | 49 | 47 | 7 |
| Leeming | 98·1 | +20 | W | 2 | ir0 | 45 | 38 | 6 |
| Tynemouth | 96·2 | +20 | WSW | 4 | b-bc | 45 | 32 | 7 |
| Acklington | 94·2 | +26 | WSW | 6 | b-bc | 42 | 36 | 7 |
| St. Abb's Head | 92·2 | +18 | WSW | 5 | b-bc | 41 | 33 | 8 |
| Leuchars | 92·8 | +20 | W | 4 | z0 | 40 | 35 | 6 |
| Montrose | 91·4 | +14 | W | 3 | b | 38 | 34 | 7 |
| Abbotsinch | 94·5 | +10 | WSW | 4 | b | 40 | 37 | 7 |
| Prestwick | 95·9 | +22 | SW | 4 | b-bc | 43 | 38 | 7 |
| West Freugh | 96·8 | +14 | SW | 2 | b | 41 | 39 | 7 |
| Eskdalemuir | 95·9 | +14 | WSW | 3 | c-bc | 39 | 34 | 8 |
| Jurby, I. of Man | 98·4 | +26 | SW'W | 4 | id0 | 43 | 40 | 7 |
| Machrihanish | 95·3 | +18 | WSW | 4 | b | 42 | 36 | 8 |
| Tiree | 91·7 | +2 | WSW | 5 | b-bc/pr | 41 | 36 | 8 |
| Oban | | | | | | | | |
| Stornoway | 85·5 | +4 | SW | 6 | pr | 39 | 36 | 7 |
| Cape Wrath | 83·1 | +14 | N'NW | 5 | b-bc | 40 | 35 | 9 |
| Dalwhinnie | 90·5 | +16 | SW | 5 | b | 36 | 27 | 6 |
| Aberdeen | 90·5 | +26 | NW | 1 | b | 39 | 31 | 8 |
| Fraserburgh | 89·1 | +20 | WSW | 4 | b-bc | 39 | 32 | 8 |
| Alness | 88·3 | +12 | W | 5 | b | 38 | 33 | 8 |
| Wick | 86·3 | +14 | WSW | 4 | b | 35 | 33 | 8 |
| Hatston | 84·7 | +6 | SW'W | 6 | b-bc/pr | 40 | 36 | 8 |
| Sumburgh | 81·7 | -38 | SE | 5 | r0r0 | 39 | 39 | 6 |
| Sullom Voe | 86·2 | -20 | ESE | 7 | rr | 37 | 36 | 6 |
| Blacksod Point † | 98·4 | +18 | W'S | 3 | b-bc/pr | 43 | 39 | 7 |
| Malin Head † | 94·4 | +10 | SSW | 5 | b-bc | 42 | 38 | 8 |
| Aldergrove | 97·6 | +12 | SSW | 2 | b | 39 | 36 | 7 |
| Cas. Archdale | 98·4 | +12 | SW | 3 | o | 39 | 35 | 8 |
| Birr Castle † | 01·1 | +18 | SW | 1 | b-bc | 41 | 37 | 8 |
| Collinstown † | 00·3 | +18 | WSW | 4 | bc | 42 | 35 | 8 |
| Foynes † | 02·8 | +18 | SW | 3 | b/pr | 43 | 35 | 8 |
| Valentia † | 04·7 | +22 | W'N | 2 | b-bc | 46 | 38 | 8 |
| Roches Point † | 04·7 | +26 | W'N | 3 | b-bc | 43 | 39 | 8 |

### Cloud at 06hr. G.M.T., and 9h. State of Ground

| Stations | 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 B. (32) | State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|
| Kew | 9 | – | – | 8 | 5 | 8 | 18 | 25 | 1 |
| Croydon | 5 | – | – | 8 | 5 | 8 | 8 | 15 | 1 |
| Boscombe Down | 5 | – | – | 8 | 8 | – | 8 | – | 1 |
| Thorney Island | 6 | – | – | 8 | 8 | – | 9 | – | 7 |
| Friston | | | | | | | | | |
| Lympne | 5 | – | – | 8 | 8 | – | 9 | – | 1 |
| Manston | 5 | – | – | 8 | 8 | – | 10 | – | 1 |
| North Weald | 5 | – | – | 8 | 5 | 8 | 9 | 15 | 1 |
| Felixstowe | 5 | – | – | 8 | 8 | – | 16 | – | 1 |
| Gorleston | 5 | – | – | 8 | 8 | – | 15 | – | 1 |
| Mildenhall | 5 | – | – | 8 | 4 | 8 | 13 | 15 | 1 |
| Bircham Newton | 5 | – | – | 8 | 8 | – | 11 | – | 1 |
| Cranwell | 5 | – | – | 8 | 8 | – | 20 | – | 1 |
| Cranfield | 5 | – | – | 8 | 8 | – | 10 | – | 1 |
| Honiley | 5 | – | – | 8 | 5 | 8 | 6 | 8 | 1 |
| Little Rissington | 5 | – | – | 8 | 8 | – | 6 | – | 1 |
| Shobden | 5 | – | – | 8 | 3 | 5 | 7 | 15 | 2 |
| Bristol | 6 | – | – | 8 | 4 | 8 | 15 | 15 | 1 |
| Chivenor | 5 | – | – | 8 | 8 | – | 11 | – | 1 |
| Yeovilton | 5 | – | – | 8 | 8 | – | 12 | – | 1 |
| Portland Bill | 5 | – | – | 8 | 8 | – | 50 | – | 1 |
| Exeter | 5 | – | – | 8 | 8 | – | 15 | – | 1 |
| Plymouth | 5 | – | – | 8 | 8 | – | 4 | – | 1 |
| St. Eval | 6 | 2 | – | 8 | 4 | 3 | 4 | 72 | 1 |
| The Lizard | 5 | – | – | 8 | 8 | – | 8 | – | 1 |
| Scilly, St. Marys | 5 | – | – | 8 | 8 | – | 8 | – | 1 |
| Fairwood | 5 | – | – | 8 | 8 | – | 15 | – | 1 |
| Pembroke | 6 | – | – | 8 | 8 | – | 15 | – | 1 |
| Aberporth | 6 | – | – | 8 | 8 | – | 8 | – | 1 |
| Penrhos | 6 | 2 | – | 8 | 4 | 8 | 19 | 40 | 1 |
| Holyhead, Valley | 5 | 7 | – | 8 | 3 | 8 | 25 | – | 1 |
| Hawarden | 5 | – | – | 8 | 8 | – | 21 | – | 1 |
| Manchester | 5 | – | – | 8 | 3 | 8 | 10 | 25 | 1 |
| Squires Gate | 5 | – | – | 8 | 7 | – | 15 | – | 1 |
| Silloth | – | 7 | – | 6 | 6 | – | 130 | – | 1 |
| Ashbourne | 5 | – | – | 8 | 4 | 8 | 5 | 8 | 1 |
| Snaith | 5 | – | – | 8 | 8 | – | 45 | – | 1 |
| Spurn Head | 7 | – | – | 5 | 5 | – | 15 | – | 1 |
| Leeming | 5 | 7 | – | 8 | 4 | 4 | 20 | 40 | 1 |
| Tynemouth | 2 | – | – | 3 | 3 | – | 15 | – | 1 |
| Acklington | 5 | – | – | 3 | 2 | 3 | 20 | 57 | 1 |
| St. Abb's Head | 4 | – | – | 3 | 3 | – | 25 | – | 0 |
| Leuchars | 5 | – | – | 4 | 4 | – | 25 | – | 1 |
| Montrose | 5 | – | – | 1 | 1 | – | 25 | – | 1 |
| Abbotsinch | – | – | – | 0 | 0 | – | – | – | 1 |
| Prestwick | 7 | – | – | 3 | 2 | 3 | 25 | 40 | 1 |
| West Freugh | 5 | – | – | 2 | 2 | – | 40 | – | 1 |
| Eskdalemuir | 5 | – | – | 5 | 5 | – | 18 | – | 1 |
| Jurby, I. of Man | 5 | – | – | 8 | 4 | 8 | 15 | 40 | 1 |
| Machrihanish | 5 | – | – | 2 | 2 | – | 20 | – | 0 |
| Tiree | 3 | – | – | 3 | 3 | – | 15 | – | 1 |
| Oban | | | | | | | | | 1 |
| Stornoway | 8 | – | – | 6 | 3 | 5 | 12 | 15 | 1 |
| Cape Wrath | 5 | 4 | – | 3 | 3 | – | 40 | – | 1 |
| Dalwhinnie | 5 | – | – | 2 | 2 | – | 25 | – | 4 |
| Aberdeen | 5 | – | – | 1 | 1 | – | 40 | – | 1 |
| Fraserburgh | 5 | – | – | 3 | 3 | – | 40 | – | 3 |
| Alness | 5 | – | – | 2 | 2 | – | 25 | – | 1 |
| Wick | 5 | – | – | 1 | 1 | – | 40 | – | 1 |
| Hatston | 8 | – | – | 3 | 3 | – | 24 | – | 1 |
| Sumburgh | 5 | – | – | 8 | 8 | – | 7 | – | 1 |
| Sullom Voe | – | 2 | – | 8 | 8 | – | 15 | – | 1 |
| Blacksod Point † | 9 | – | – | 3 | 3 | – | 15 | – | 2 |
| Malin Head † | 8 | – | – | 3 | 3 | – | 15 | – | 2 |
| Aldergrove | 5 | – | – | 2 | 2 | – | 30 | – | 1 |
| Cas. Archdale | 5 | – | – | 1 | 1 | – | 20 | – | 1 |
| Birr Castle † | 3 | – | – | 3 | 3 | – | 15 | – | 1 |
| Collinstown † | 5 | – | – | 4 | 4 | – | 28 | – | 1 |
| Foynes † | 3 | – | – | 2 | 2 | – | 24 | – | 1 |
| Valentia † | 2 | – | – | 3 | 3 | – | 25 | – | 1 |
| Roches Point † | 5 | – | – | 3 | 3 | – | 15 | – | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | cbcbm0 | bbccm0 | 49 | 47 | 0·4 |
| Croydon | bcm0 | cmcd0m0 | 48 | 47 | 0·5 |
| Boscombe Down | bbcc | od0d0 | 47 | 45 | 1 |
| Thorney Island | cm0bcc | cm0z0id0m0 | 45 | 45 | 0·2 |
| Friston | | | | | |
| Lympne | cm0cm | cmdm0 | 46 | 44 | Tr |
| Manston | cbcm0 | cd0d0m0 | 47 | 47 | Tr |
| North Weald | cd0bpcm0 | cid0m0 | 48 | 47 | Tr |
| Felixstowe | bm0w | cm0 | 45 | 41 | Tr |
| Gorleston | bqcq | cq | 50 | 45 | – |
| Mildenhall | bccb | ccir0 | 50 | 48 | 0·5 |
| Bircham Newton | bcm0 | cd0d0m0 | 48 | 47 | 0·0 |
| Cranwell | bcm0m0 | cd0d0m0 | 45 | 44 | 3 |
| Cranfield | cbcm0 | cm0 | 49 | 45 | 0·2 |
| Honiley | c | cir0r | 48 | 46 | 6 |
| Little Rissington | cbccid0m0 | od0ob | 47 | 47 | 2 |
| Shobden | cid0cd0d0 | z0ddd | 45 | 41 | 1 |
| Bristol | bbcc | bccrrm0 | 47 | 46 | 3 |
| Chivenor | ccd0d0m0 | cd0r0ddm0 | 45 | 45 | 4 |
| Yeovilton | cbc | cdd | 49 | * | 1 |
| Portland Bill | o | o | 46 | * | 4 |
| Exeter | ccid0m0 | cd0d0m0c | 48 | 48 | 1 |
| Plymouth | cm0id0ir0 | cm0r0r0 | 48 | 47 | 3 |
| St. Eval | cm0id0rr | crrdam | 45 | 44 | 3 |
| The Lizard | oidmc | idcrr | 44 | * | 5 |
| Scilly, St. Marys | id0c0 | ord0d0f | 45 | * | 3 |
| Fairwood | cd0d0f | or0r0f | 43 | 41 | 7 |
| Pembroke | cd0d0m0 | ork | 45 | * | 7 |
| Aberporth | * | crr | 43 | 41 | 13 |
| Penrhos | cid0m0 | cr0r0m0 | 43 | 40 | 5 |
| Holyhead, Valley | omid0d0d0m0ir0 | mcid0c | 42 | 41 | 2 |
| Hawarden | cir0bc | bcpr0cir0m0 | 44 | 41 | 2 |
| Manchester | cir0c | ccr0r0q | 43 | 41 | 7 |
| Squires Gate | cir0c | ir0r0r0c | 41 | 40 | 6 |
| Silloth | cd0d0m0cm0 | cm0 | 41 | 38 | 0·2 |
| Ashbourne | ccm0 | cm0ir0r0m0 | 43 | 43 | 5 |
| Snaith | cir0z0m0 | cr0r0z0m0 | 42 | 41 | 2 |
| Spurn Head | cqm0 | cq | 44 | * | 7 |
| Leeming | bcr0r0m0 | cr0r0m0 | 42 | 39 | 1 |
| Tynemouth | bcm0 | bc | 43 | 39 | – |
| Acklington | orrfbcm0 | bcm0xbbc | 39 | 38 | 0·3 |
| St. Abb's Head | cm0rrbcb | bcb | 39 | * | – |
| Leuchars | crrm0cm0bm0 | bcm0bm0 | 36 | 32 | Tr |
| Montrose | crrm0dm0 | bm0bcb | 36 | 30 | 0·3 |
| Abbotsinch | cm0r0r0bc | cprm0b | 40 | 35 | 0·1 |
| Prestwick | drir0m0 | cid0m0 | 42 | 38 | 0·4 |
| West Freugh | cbcccid0 | cpr0b | 40 | 35 | 0·6 |
| Eskdalemuir | cKRmir | crrmc | 36 | 35 | 0·3 |
| Jurby, I. of Man | cir0m0bc | bccid0 | 42 | 39 | 0·2 |
| Machrihanish | cbc | cbc | 41 | 37 | – |
| Tiree | cd0d0d0r0c | bcpr0cpr0b | 40 | 36 | 2 |
| Oban | cid0drm0cpr | | 31 | * | – |
| Stornoway | ccr0r0 | cr0bccpr0 | 37 | 32 | 4 |
| Cape Wrath | ccpr0 | cpr0bc | 39 | * | 2 |
| Dalwhinnie | * | oirbc | 34 | 32 | 0·5 |
| Aberdeen | | bcbrir0b | 34 | 28 | 0·1 |
| Fraserburgh | crrmd0d0cm0 | cm0bm0b | 33 | * | 1 |
| Alness | r0r0m0c | cm0bcb | 32 | 30 | 1 |
| Wick | cm0ir0crn | cir0cm0b | 35 | 32 | 2 |
| Hatston | cdrr | +prb | 38 | * | 4 |
| Sumburgh | pr0r0m0c | r0r0m0o | 37 | 36 | 3 |
| Sullom Voe | cpr0r0r0 | crrm0o | 38 | 35 | 12 |
| Blacksod Point † | bc | pr | 42 | * | 1 |
| Malin Head † | * | pr | 40 | * | 0·4 |
| Aldergrove | cd0d0m0bc | bcb | 37 | 32 | – |
| Cas. Archdale | bccpr0bc | bcb | 38 | 33 | Tr |
| Birr Castle † | * | bc | 40 | 37 | 1 |
| Collinstown † | r | c | 41 | 39 | 2 |
| Foynes † | r | pr | 42 | 37 | 1 |
| Valentia † | bc | bc | 45 | 42 | 1 |
| Roches Point † | d | T | 43 | * | 2 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0790.

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.

‡ Second figure in col. (33) gives depth of snow in inches.

Page 1.

BRITISH SECTION

**CONFIDENTIAL**

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

Wednesday 14th February 1945

No. 30400.

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

| 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 | 08.4 | +24 | W'S | 3 | ir. | 50 | 47 | 6 | 7 | · | — | 8 | 2 | 8 | 7 | 15 |
| | Croydon | 09.1 | +20 | WSW | 4 | dr | 49 | 47 | 5 | 5 | — | — | 8 | 5 | 8 | 6 | 15 |
| | Boscombe Down | 09.3 | +34 | W'S | 4 | c | 48 | 43 | 7 | 5 | 7 | — | 6 | 3 | 4 | 10 | 57 |
| | Thorney Island | 09.5 | +8 | SW'W | 5 | id. | 49 | 48 | 7 | 6 | — | — | 8 | 5 | 7 | 6 | 15 |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 10.0 | +6 | SW'W | 6 | dd | 47 | 46 | 4 | 5 | 2 | — | 8 | 5 | 8 | 1 | 8 |
| | Manston | 08.7 | +6 | SW | 6 | d.d. | 49 | 47 | 5 | 5 | — | — | 8 | 6 | 8 | 3 | 15 |
| 2 | North Weald | 08.4 | +32 | W | 4 | rr. | 47 | 45 | 5 | 5 | — | — | 8 | 4 | 8 | 6 | 15 |
| | Felixstowe | 05.9 | +6 | SSW | 5 | z. | 47 | 45 | 6 | 5 | — | — | 8 | 5 | 8 | 8 | 15 |
| | Gorleston | 05.3 | +22 | NNW | 4 | rr. | 47 | 45 | 6 | 6 | — | — | 8 | 8 | — | 8 | — |
| | Mildenhall | 05.7 | +30 | W | 2 | cl- | 49 | 48 | 6 | 5 | — | — | 8 | 4 | 8 | 10 | 40 |
| | Bircham Newton | 05.2 | +18 | WSW | 3 | ir. | 46 | 44 | 6 | 2 | 7 | — | 7 | 3 | 7 | 35 | — |
| | Cranwell | 05.2 | +30 | W'S | 4 | z | 46 | 42 | 5 | 5 | 3 | — | 4 | 2 | 4 | 15 | 57 |
| 3 | Cranfield | 06.5 | +38 | WNW | 3 | ir | 49 | 42 | 4 | 8 | — | — | 7 | 3 | 4 | 15 | 57 |
| | Honiley | 07.8 | +34 | W | 5 | c.bc | 48 | 39 | 7 | 8 | 7 | — | 5 | 3 | 4 | 10 | — |
| 4 | Little Rissington | 07.9 | +38 | WNW | 5 | bc/r | 45 | 41 | 7 | 8 | 6 | — | 4 | 4 | 3 | 25 | — |
| | Shobden | 08.2 | +32 | W'S | 4 | c.bc | 49 | 37 | 8 | 5 | — | · | 5 | 4 | 5 | 20 | 25 |
| 5 | Bristol | 09.4 | +34 | W'S | 4 | z. | 48 | 45 | 6 | 2 | — | 6 | 5 | 4 | 4 | 10 | — |
| | Chivenor | 10.8 | +36 | W | 5 | c.bc | 49 | 45 | 8 | 5 | 7 | — | 5 | 2 | 5 | 8 | — |
| | Yeovilton | 09.9 | +42 | WNW | 3 | bc | 50 | 42 | 7 | 2 | 3 | — | 4 | 3 | 3 | 12 | — |
| | Portland Bill | 09.8 | +26 | W | 5 | ir | 47 | 45 | 7 | 5 | — | — | 8 | 8 | — | 50 | — |
| | Exeter | 10.5 | +18 | WNW | 4 | c | 50 | 40 | 8 | 2 | 7 | — | 6 | 4 | 4 | 15 | — |
| | Plymouth | 11.7 | +32 | NW | 4 | c | 51 | 43 | 8 | 2 | 4 | 2 | 6 | 4 | 3 | 25 | — |
| | St. Eval | 12.8 | +34 | W'S | 4 | c.bc | 47 | 46 | 7 | 2 | 7 | 6 | 5 | 3 | 4 | 15 | — |
| | The Lizard | 12.1 | +44 | WNW | 4 | bc | 50 | 48 | 7 | 7 | 3 | — | 4 | 4 | 3 | 20 | 25 |
| | Scilly, St. Marys | 12.7 | +32 | W | 4 | c.bc | 48 | 46 | 8 | 5 | 3 | 5 | 5 | 3 | 3 | 17 | 57 |
| 6 | Fairwood | 09.6 | +30 | W | 4 | c.bc | 49 | 42 | 8 | 2 | 3 | 1 | 5 | 2 | 4 | 15 | — |
| | Pembroke | 08.9 | +30 | WSW | 6 | b.bc | 47 | 42 | 8 | 8 | — | — | 3 | 3 | — | 20 | — |
| | Aberporth | 08.7 | +30 | W'S | 4 | b.bc | 47 | 40 | 8 | 2 | 4 | — | 3 | 2 | 1 | 30 | — |
| 7 | Penrhos | 06.8 | +22 | SW | 5 | bc | 48 | 40 | 8 | 1 | 4 | — | 4 | 3 | 2 | 25 | — |
| | Holyhead, Valley | 06.6 | +39 | WSW | 5 | b.bc | 47 | 42 | 8 | 2 | 4 | — | 3 | 2 | 2 | 25 | — |
| | Hawarden | 06.0 | +22 | W | 4 | c.bc | 49 | 39 | 8 | 8 | — | · | 5 | 5 | · | 25 | — |
| 8 | Manchester | 05.3 | +24 | W'S | 5 | c | 47 | 35 | 8 | 2 | — | — | 6 | 6 | — | 22 | · |
| | Squires Gate | 04.4 | +29 | W'S | 4 | bcjp | 46 | 41 | 7 | 2 | — | — | 4 | 4 | — | 25 | — |
| | Silloth | 01.7 | +16 | SW | 5 | bc | 43 | 39 | 8 | 8 | — | — | 4 | 4 | — | 25 | — |
| 9 | Ashbourne | 05.8 | +30 | WSW | 4 | z. | 46 | 39 | 6 | 2 | 4 | — | 4 | 3 | 4 | 20 | — |
| | Snaith | 04.3 | +26 | WSW | 4 | z. | 48 | 38 | 6 | 2 | — | 5 | 4 | 3 | 3 | 25 | — |
| 10 | Spurn Head | 04.2 | +34 | W | 4 | z. | 45 | 40 | 6 | 4 | 3 | — | 5 | 4 | 3 | 15 | 25 |
| | Leeming | 01.8 | +18 | WSW | 5 | bc | 43 | 38 | 8 | 1 | — | — | 4 | 4 | — | 25 | — |
| | Tynemouth | 00.9 | +19 | W | 6 | z. | 48 | 35 | 5 | 2 | — | — | 4 | 4 | — | 16 | — |
| | Acklington | 99.2 | +20 | WSW | 5 | b.bc | 45 | 33 | 8 | 1 | — | — | 3 | 3 | — | 25 | — |
| 11 | St. Abb's Head | 95.4 | +6 | SW | 4 | b.bc | 45 | 42 | 8 | 4 | — | — | 3 | 3 | — | 25 | — |
| | Leuchars | 95.1 | +10 | WSW | 6 | bc | 44 | 39 | 7 | 3 | — | 3 | 4 | 4 | 1 | 40 | — |
| | Montrose | 95.3 | +18 | SW | 4 | b.bc | 46 | 37 | 9 | 8 | 6 | — | 3 | 3 | 1 | 20 | 40 |
| 12 | Abbotsinch | 98.8 | +22 | SW'W | 4 | c.bc | 45 | 39 | 7 | 8 | 3 | — | 5 | 2 | 5 | 18 | 25 |
| | Prestwick | 99.5 | +22 | SW | 4 | c.bc | 45 | 38 | 7 | 8 | 3 | — | 5 | 4 | 4 | 25 | 40 |
| | West Freugh | 00.8 | +14 | WSW | 5 | b.bc | 46 | 39 | 8 | 5 | 4 | 9 | 3 | 2 | 1 | 20 | — |
| | Eskdalemuir | 98.9 | +12 | WSW | 5 | bc | 42 | 33 | 8 | 8 | — | — | 4 | 4 | — | 19 | — |
| | Jurby, I. of Man | 03.2 | +22 | SW | 6 | b | 46 | 36 | 9 | 1 | 4 | — | 2 | 1 | 1 | 18 | — |
| 13A | Machrihanish | 99.2 | +20 | SW | 5 | bc | 46 | 39 | 8 | 8 | 7 | 6 | 4 | 2 | 2 | 25 | · |
| | Tiree | 99.4 | +22 | WSW | 6 | bc/pr | 44 | 39 | 8 | 8 | — | — | 4 | 3 | 2 | 15 | 40 |
| | Oban | 96.9 | +22 | SW | 5 | phr | 42 | 39 | 8 | 9 | — | — | 5 | 5 | — | 25 | — |
| 13B | Stornoway | 89.2 | +38 | WSW | 6 | phr | 44 | 37 | 7 | 3 | — | 3 | 6 | 4 | 6 | 10 | 25 |
| | Cape Wrath | 86.1 | +16 | SW | 5 | c | 42 | 37 | 9 | 8 | 7 | — | 6 | 4 | — | 25 | — |
| 15 | Dalwhinnie | 92.5 | +19 | SW | 5 | RS. | 36 | 32 | 6 | 5 | — | — | 8 | 8 | — | 19 | — |
| | Aberdeen | 93.7 | +10 | SW | 3 | b | 46 | 34 | 9 | 1 | 4 | — | 2 | 1 | 1 | 25 | — |
| | Fraserburgh | 92.5 | +12 | SW | 4 | b | 49 | 33 | 8 | — | 4 | — | 1 | 1 | — | — | — |
| | Alness | 91.7 | +19 | W'S | 4 | bc/pr | 43 | 38 | 8 | 3 | 6 | 3 | 4 | 3 | 4 | 25 | — |
| | Wick | 89.1 | +14 | SW | 4 | b.bc | 44 | 36 | 9 | 3 | — | 3 | 3 | 2 | 2 | 25 | — |
| 16 | Hatston | 86.8 | +8 | [illegible] | 4 | c/pr | 43 | 39 | 8 | 9 | 6 | — | 7 | 3 | 5 | 20 | 40 |
| | Sumburgh | 85.7 | +14 | SW | 6 | pr. | 41 | 39 | 7 | 9 | — | — | 8 | 5 | 8 | 15 | 15 |
| | Sullom Voe | 84.9 | +14 | SSW | 5 | c/pr | 43 | 39 | 7 | 2 | 6 | — | 6 | 5 | 2 | 15 | — |
| 17 | Blacksod Point† | 03.3 | +28 | WSW | 6 | bc/pr | 48 | 38 | 8 | 3 | — | — | 4 | 4 | — | 15 | — |
| 18 | Malin Head † | 98.5 | +20 | W | 5 | phr | 44 | 40 | 8 | 9 | — | — | 5 | 5 | — | 15 | — |
| | Aldergrove | 01.6 | +2 | SW | 4 | b.bc | 45 | 40 | 8 | 7 | 4 | · | 3 | 2 | 2 | 10 | 25 |
| | Cas. Archdale | 02.7 | +22 | WSW | 4 | bc | 46 | 38 | 9 | 9 | — | — | 4 | 2 | 4 | 20 | 40 |
| 19 | Birr Castle ... † | 06.2 | +22 | WSW | 3 | b.bc | 50 | 39 | 8 | 5 | — | — | 3 | 3 | — | 25 | — |
| | Collinstown † | 04.9 | +48 | W'S | 6 | bc | 47 | 40 | 8 | 2 | — | — | 4 | 4 | — | 21 | — |
| 20 | Foynes ... † | 07.8 | +30 | W'N | 5 | bc | 49 | 43 | 8 | 8 | 6 | 3 | 4 | 4 | — | 23 | — |
| | Valentia ... † | 10.1 | +32 | W | 3 | b.bc/p | 49 | 42 | 8 | 3 | 6 | 3 | 3 | 3 | — | 27 | — |
| | Roches Point † | 09.3 | +26 | W | 4 | bc | 49 | 42 | 8 | 3 | — | 3 | 4 | 4 | — | 15 | — |

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

| 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 H.ndreds of feet A. (31) | Height of Base B. (32) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 13.3 | +28 | W'S | 3 | z. | 47 | 36 | 5 | 5 | 4 | — | 4 | 3 | 4 | 31 | — |
| Croydon | 13.9 | +28 | WSW | 3 | z. | 46 | 36 | 6 | — | 4 | 9 | 4 | 3 | 3 | 80 | — |
| Boscombe Down | 14.4 | +28 | W'N | 3 | bc | 44 | 37 | 7 | 4 | 3 | — | 4 | 1 | 4 | 20 | — |
| Thorney Island | 14.3 | +34 | SW | 3 | z. | 45 | 40 | 6 | — | 7 | 1 | 4 | 3 | 2 | 120 | — |
| Friston | | | | | | | | | | | | | | | | |
| Lympne | 13.7 | +26 | W'S | 3 | c.bc | 45 | 44 | 6 | — | 3 | — | 5 | 5 | — | — | — |
| Manston | 12.7 | +26 | WSW | 3 | c | 47 | 41 | 7 | — | 3 | — | 6 | 6 | — | — | — |
| North Weald | 12.5 | +28 | WSW | 4 | z. | 46 | 36 | 5 | — | 4 | 9 | 4 | 3 | 2 | 120 | — |
| Felixstowe | 11.3 | +34 | WSW | 3 | z. | 45 | 41 | 6 | 2 | 4 | 1 | 5 | 2 | 4 | 20 | — |
| Gorleston | 09.0 | +22 | W'S | 3 | z. | 46 | 42 | 6 | 5 | 7 | — | 3 | 2 | 2 | 25 | — |
| Mildenhall | 10.3 | +22 | WSW | 4 | b.bc | 46 | 39 | 7 | — | 4 | — | 3 | 3 | — | 150 | — |
| Bircham Newton | 09.9 | +28 | WSW | 3 | b | 44 | 37 | 7 | — | 4 | — | 2 | 2 | — | — | — |
| Cranwell | 08.6 | +26 | SW'W | 4 | b | 44 | 38 | 7 | 4 | — | — | 1 | 1 | — | 30 | — |
| Cranfield | 11.5 | +20 | W | 4 | b.bc | 45 | 38 | 8 | 1 | 3 | — | 3 | 1 | 3 | 30 | — |
| Honiley | 11.5 | +30 | WSW | 3 | bc | 45 | 33 | 8 | 5 | — | — | 4 | 4 | — | 30 | — |
| Little Rissington | 12.6 | +34 | WSW | 3 | b | 43 | 37 | 7 | 2 | 4 | — | 2 | 1 | 2 | 25 | — |
| Shobden | 12.7 | +32 | WSW | 2 | b | 44 | 36 | 8 | 8 | — | — | 2 | 1 | 2 | 30 | 40 |
| Bristol | 13.9 | +26 | W | 4 | z. | 45 | 39 | 6 | 5 | 4 | — | 2 | 1 | 2 | 40 | — |
| Chivenor | 14.8 | +22 | WSW | 4 | b | 46 | 42 | 8 | 1 | 3 | — | 2 | 1 | 1 | 20 | 40 |
| Yeovilton | 14.4 | +30 | W'N | 2 | b.bc | 47 | 40 | 7 | 4 | 4 | — | 3 | 1 | 3 | 30 | — |
| Portland Bill | 14.8 | +24 | W | 4 | c | 48 | 46 | 8 | 5 | — | — | 8 | 8 | — | 50 | — |
| Exeter | 15.6 | +28 | W | 2 | b | 46 | 37 | 8 | 4 | 4 | — | 2 | 1 | 1 | 40 | — |
| Plymouth | 16.8 | +28 | NW | 2 | b | 47 | 41 | 7 | 1 | — | — | 1 | 1 | — | 30 | — |
| St. Eval | 16.8 | +26 | WSW | 4 | z. | 46 | 44 | 6 | — | 4 | 1 | 3 | 3 | 2 | — | — |
| The Lizard | 15.9 | +16 | W | 3 | bc | 47 | 45 | 7 | 4 | — | — | 4 | 4 | — | 25 | — |
| Scilly, St. Marys | 16.5 | +26 | W'N | 4 | b.bc | 48 | 45 | 8 | 1 | — | — | 3 | 3 | — | 17 | — |
| Fairwood | 14.3 | +26 | W | 3 | b | 45 | 43 | 7 | 4 | 6 | — | 2 | 1 | 2 | 25 | — |
| Pembroke | 12.8 | +18 | WSW | 6 | c | 46 | 42 | 8 | 8 | 1 | — | 6 | 2 | 5 | 23 | — |
| Aberporth | 12.3 | +22 | WSW | 4 | bc | 45 | 39 | 8 | 2 | 6 | — | 4 | 1 | 3 | 30 | — |
| Penrhos | 10.8 | +22 | W'S | 4 | b | 45 | 41 | 8 | 1 | 4 | — | 2 | 2 | 1 | 20 | — |
| Holyhead, Valley | 10.3 | +24 | SW | 4 | b | 45 | 40 | 8 | 8 | 6 | — | 2 | 2 | 1 | 25 | — |
| Hawarden | 09.9 | +18 | WSW | 4 | b.bc | 46 | 39 | 8 | 7 | — | — | 3 | 2 | 2 | 25 | 40 |
| Manchester | 09.1 | +24 | SW'S | 3 | bc | 43 | 38 | 7 | 2 | 4 | — | 4 | 4 | 2 | 25 | — |
| Squires Gate | 08.3 | +22 | W'S | 6 | b | 49 | 40 | 8 | 2 | 4 | — | 2 | 1 | 2 | 25 | — |
| Silloth | 04.9 | +20 | SSW | 4 | bc/pr | 43 | 37 | 7 | 8 | 6 | — | 4 | 2 | 4 | 15 | 25 |
| Ashbourne | 10.0 | +26 | WSW | 3 | b.bc | 43 | 35 | 8 | 4 | — | — | 3 | 3 | — | 30 | — |
| Snaith | 08.1 | +22 | WSW | 4 | z | 44 | 36 | 6 | 2 | — | — | 2 | 2 | — | 30 | — |
| Spurn Head | 07.6 | +18 | W'S | 4 | z. | 44 | 39 | 6 | 7 | 3 | — | 4 | 4 | 3 | 25 | 72 |
| Leeming | 04.9 | +14 | WSW | 5 | bc | 45 | 38 | 7 | 3 | — | 3 | 4 | 3 | 2 | 25 | — |
| Tynemouth | 03.5 | +14 | WSW | 5 | z. | 46 | 36 | 5 | 2 | — | — | 3 | 3 | — | 16 | — |
| Acklington | 01.7 | +10 | SW'W | 6 | b | 43 | 36 | 8 | 3 | — | 3 | 1 | 1 | 1 | 25 | — |
| St. Abb's Head | 99.6 | +16 | SW | 4 | b.bc | 43 | 33 | 8 | 4 | 4 | — | 3 | 3 | 1 | 25 | — |
| Leuchars | 98.3 | +6 | SW | 5 | c.bc | 42 | 38 | 8 | 4 | — | — | 5 | 4 | — | 25 | — |
| Montrose | 97.2 | +12 | SW | 4 | bc | 41 | 35 | 8 | 3 | 6 | 3 | 4 | 2 | 3 | 10 | 25 |
| Abbotsinch | 02.0 | +22 | WSW | 5 | bc/pr | 43 | 41 | 6 | 8 | — | — | 4 | 4 | 4 | 12 | 25 |
| Prestwick | 03.3 | +24 | SW | 5 | c | 45 | 39 | 7 | 8 | — | — | 7 | 4 | 7 | 25 | 40 |
| West Freugh | 04.6 | +24 | WSW | 4 | bc/pr | 42 | 39 | 8 | 8 | 4 | — | 4 | 2 | 3 | 20 | 40 |
| Eskdalemuir | 03.2 | +20 | WSW | 4 | c/pr | 40 | 35 | 8 | 5 | — | — | 6 | 6 | — | 21 | — |
| Jurby, I. of Man | 06.6 | +22 | SW | 5 | b.bc | 44 | 39 | 8 | 8 | — | — | 3 | 3 | — | 25 | — |
| Machrihanish | 03.2 | +26 | SW'W | 6 | PR. | 43 | 37 | 7 | 3 | 6 | 3 | 6 | 3 | 5 | 12 | 25 |
| Tiree | 99.7 | +30 | WSW | 5 | pr. | 44 | 37 | 8 | 9 | 6 | — | 5 | 3 | 5 | 15 | 25 |
| Oban | 00.9 | +24 | SW | 4 | c | 42 | 40 | 7 | 3 | 6 | — | 7 | 5 | — | 20 | — |
| Stornoway | 92.3 | +22 | WSW | 6 | bc | 42 | 37 | 8 | 3 | 6 | 3 | 4 | 3 | 4 | 20 | 25 |
| Cape Wrath | 89.7 | +10 | W | 5 | phr | 39 | 36 | 8 | 3 | 7 | — | 6 | 4 | — | 16 | — |
| Dalwhinnie | 97.0 | +12 | W | 5 | ir | 38 | 33 | 6 | 5 | — | — | 8 | 8 | — | 18 | — |
| Aberdeen | 96.7 | +14 | SW | 2 | c.bc | 41 | 30 | 8 | 5 | 7 | — | 5 | 1 | 5 | 25 | — |
| Fraserburgh | 95.4 | +18 | SW | 4 | bc | 39 | 32 | 8 | 5 | — | — | 4 | 4 | — | 30 | — |
| Alness | 94.9 | +22 | WSW | 3 | pr. | 39 | 37 | 8 | 3 | 6 | 3 | 4 | 4 | 3 | 20 | — |
| Wick | 92.0 | +12 | SW | 4 | b.bc/p | 39 | 34 | 8 | 3 | — | 3 | 3 | 2 | 2 | 8 | — |
| Hatston | 90.0 | +18 | SW | 5 | b.bc | 42 | 37 | 7 | 3 | — | — | 3 | 3 | 3 | 25 | 40 |
| Sumburgh | 87.5 | +14 | WSW | 6 | c.bc/pr | 43 | 39 | 7 | 3 | 6 | 3 | 5 | 4 | 1 | 16 | — |
| Sullom Voe | 85.2 | +10 | SSW | 6 | c | 43 | 38 | 7 | 5 | 6 | — | 7 | 4 | 5 | 15 | — |
| Blacksod Point† | 08.8 | +34 | WNW | 4 | c/pr | 45 | 41 | 7 | 9 | — | — | 7 | 7 | — | 15 | — |
| Malin Head † | 02.8 | +30 | WNW | 3 | phr | 44 | 37 | 8 | 9 | — | 2 | 5 | 4 | — | 15 | — |
| Aldergrove | 06.5 | +30 | SW | 4 | bc/pr | 42 | 37 | 7 | 3 | — | 3 | 4 | 2 | 4 | 20 | 25 |
| Cas. Archdale | 07.9 | +40 | W | 5 | bc | 43 | 35 | 8 | 8 | — | 3 | 4 | 3 | 2 | 20 | 25 |
| Birr Castle ... † | 10.4 | +30 | WSW | 2 | b.bc | 44 | 40 | 8 | 3 | — | — | 3 | 4 | — | 15 | — |
| Collinstown † | 10.0 | +30 | W'S | 5 | b | 45 | 38 | 8 | 3 | — | — | 2 | 2 | — | 28 | — |
| Foynes ... † | 13.1 | +34 | W'N | 4 | c | 46 | 39 | 8 | 3 | 6 | — | 6 | 3 | — | 25 | — |
| Valentia ... † | 15.4 | +36 | W'S | 4 | pr. | 48 | 41 | 8 | 3 | — | — | 6 | 6 | — | 24 | — |
| Roches Point † | 19.1 | +32 | W'N | 3 | b.bc | 47 | 40 | 8 | 3 | — | 3 | 3 | 2 | — | 15 | — |

## 21 h / OBSERVATIONS during DAY

| Stations | 21 h State of Ground ‡ 0-9 (33) | Weather 06h.-12h. (34) | Weather 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|---|
| Kew | 1 | crr.ir.mm. | ir.brcybcz. | 52 | 1.5 | 0.2 |
| Croydon | 1 | cd.od.m. | bcycz. | 52 | 1.8 | 1 |
| Boscombe Down | 1 | cid.c | cbcbbc | 50 | 3.9 | 0.3 |
| Thorney Island | 1 | cs.s.ss m. | ddFFcbc | 52 | * | 0.3 |
| Friston | | | | | | |
| Lympne | 1 | cm.cddm | crorom.bcm. | 48 | 0.9 | 1 |
| Manston | 1 | cid.od.dm. | cd.d.m.c | 52 | 0.8 | Tr |
| North Weald | 1 | cid.m.cmo | cm.cbc | 50 | * | 06 |
| Felixstowe | 0 | cm. | cbcm. | 51 | 0.9 | 0.3 |
| Gorleston | 1 | cr.z.q | bcz | 52 | 0.4 | 2 |
| Mildenhall | 1 | ccir. | cbc | 53 | 1.8 | 1 |
| Bircham Newton | 1 | cd.d.m. | bc | 51 | 3.4 | 3 |
| Cranwell | 1 | crorom.cm. | bcz.bcb | 50 | 4.3 | 1 |
| Cranfield | 1 | ccrr.m. | circbc | 52 | * | 1 |
| Honiley | 1 | crom.cm. | bcyby | 51 | 4.3 | Tr |
| Little Rissington | 1 | od.omrr.mbc | cycb | 50 | * | 1 |
| Shobden | 1 | cd.d.m.c | bcyb | 50 | * | 0.5 |
| Bristol | 1 | crrm. | cm.bcm. | 49 | 4.5 | 0.4 |
| Chivenor | 1 | d.d.rr.m.bc | bc | 54 | 5.9 | 0.2 |
| Yeovilton | 0 | d.d.rcbc | bcrc | 52 | * | 0.5 |
| Portland Bill | 1 | orrir | bcr | 48 | * | 2 |
| Exeter | 1 | circ | bcb | 52 | 4.2 | Tr |
| Plymouth | 1 | crrm.c | cbcbm. | 53 | 5.5 | 0.1 |
| St. Eval | 1 | crrmc | bcm. | 50 | 6.5 | — |
| The Lizard | 1 | c | bc | 51 | 4.0 | 0.5 |
| Scilly, St. Marys | 1 | c | bcb | 52 | 6.4 | 0.1 |
| Fairwood | 1 | crrm.c | bcb | 50 | * | — |
| Pembroke | 1 | bc | bc | 47 | 6.5 | — |
| Aberporth | 1 | crrcbc | bbc | 49 | 7.4 | — |
| Penrhos | 0 | bcbbc | bcb | 50 | 7.2 | — |
| Holyhead, Valley | 1 | bc | bbc | 48 | * | — |
| Hawarden | 1 | cbcc | cbc | 51 | 6.5 | 0.1 |
| Manchester | 1 | rrcbc m. | bc | 52 | | 0.2 |
| Squires Gate | 1 | cbc | bbcb | 48 | * | Tr |
| Silloth | 1 | bc | bcpr.bc | 45 | * | 1 |
| Ashbourne | 1 | crorom. | bcbcr | 48 | | 0.1 |
| Snaith | 1 | rmbcz. | bcybz. | 55 | 5.3 | 0.1 |
| Spurn Head | 1 | cm. | bcm. | 47 | 3.8 | Tr |
| Leeming | 1 | cbc | bc | 50 | 5.5 | 0.2 |
| Tynemouth | 1 | bcm. | bcm. | 50 | | — |
| Acklington | 1 | bc | bcbb | 47 | * | — |
| St. Abb's Head | 0 | bc | bbcb | 46 | * | Tr |
| Leuchars | 1 | bcm.bbc | cprbc | 47 | 7.4 | 1 |
| Montrose | 1 | bcc | bcpr.bcc | 46 | 7.6 | — |
| Abbotsinch | 1 | bcpr.c | cm.pr | 47 | 6.1 | 2 |
| Prestwick | 1 | cbcm. | cpr.c | 47 | * | 1 |
| West Freugh | 1 | bbcb | cbcpr.bc | 48 | * | 0.4 |
| Eskdalemuir | 1 | cbc | bccpr | 43 | 4.7 | 0.5 |
| Jurby, I. of Man | 1 | cid.cbcb. | bcclb | 48 | * | Tr |
| Machrihanish | 5 | bc | bcprcpr | 48 | * | — |
| Tiree | 1 | bbcpr.bc | ccpr. | 48 | 4.8 | 0.3 |
| Oban | 1 | bccpr.ph | cph pr.cprc | 45 | * | * |
| Stornoway | 1 | cpr.cbccph. | bcph.pr. | 47 | 2.8 | 4 |
| Cape Wrath | 2 | bcc | cprcphr | 43 | * | 4 |
| Dalwhinnie | 1 | cPr s.o. | ocpr. | 40 | 1.8 | 7 |
| Aberdeen | 1 | bmbv | bbcc | 47 | 7.3 | — |
| Fraserburgh | 0 | b | bbc | 45 | * | — |
| Alness | 1 | cprobc | bcepr. | 46 | 4.1 | 4 |
| Wick | 1 | bcpr.c | bp.rcPr | 46 | 5.3 | 2 |
| Hatston | 1 | bcpr | bc | 46 | * | 2 |
| Sumburgh | 1 | cm.bcp | cpr.bc | 44 | 1.4 | 3 |
| Sullom Voe | 1 | crrpr | cpr.cprc | 43 | * | 4 |
| Blacksod Point† | 2 | pr | pr | 49 | * | 1 |
| Malin Head † | 2 | pr | pr | 47 | 2.9 | 2 |
| Aldergrove | 1 | bbcb | bcr.bc | 47 | 3.3 | 0.1 |
| Cas. Archdale | 1 | cpr.bc | bcjp bc | 48 | * | 1 |
| Birr Castle ... † | 1 | pr | pr | 50 | 6.0 | 0.4 |
| Collinstown † | 1 | b | pr | 50 | 7.7 | Tr |
| Foynes ... † | 1 | b | b | 51 | 6.7 | 0.3 |
| Valentia ... † | 1 | pr | c | 50 | 6.1 | 0.6 |
| Roches Point † | 1 | b | pr | 51 | * | 0.1 |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

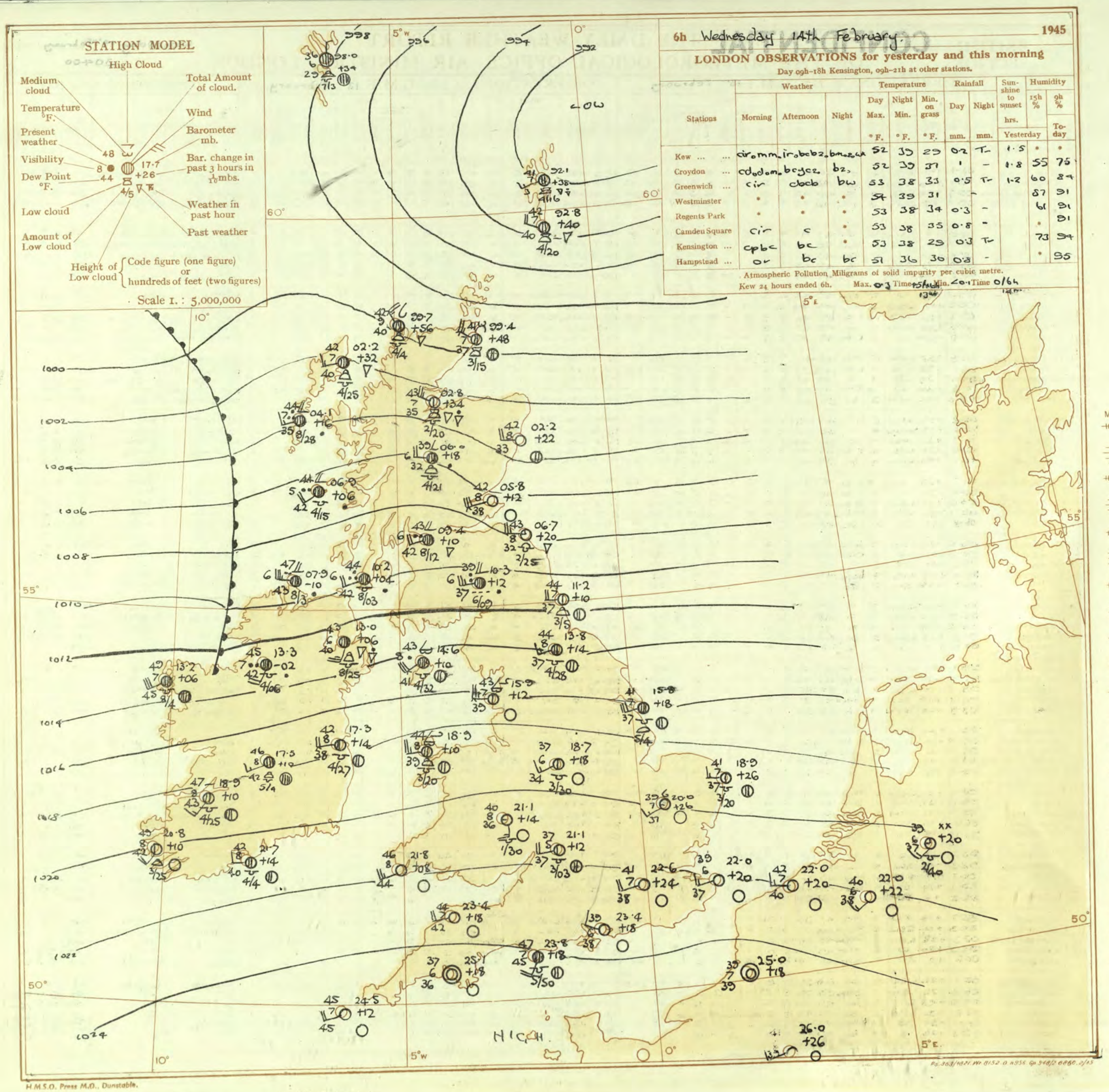
* Information not usually received.

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. ‡ See footnote p. 4.

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




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

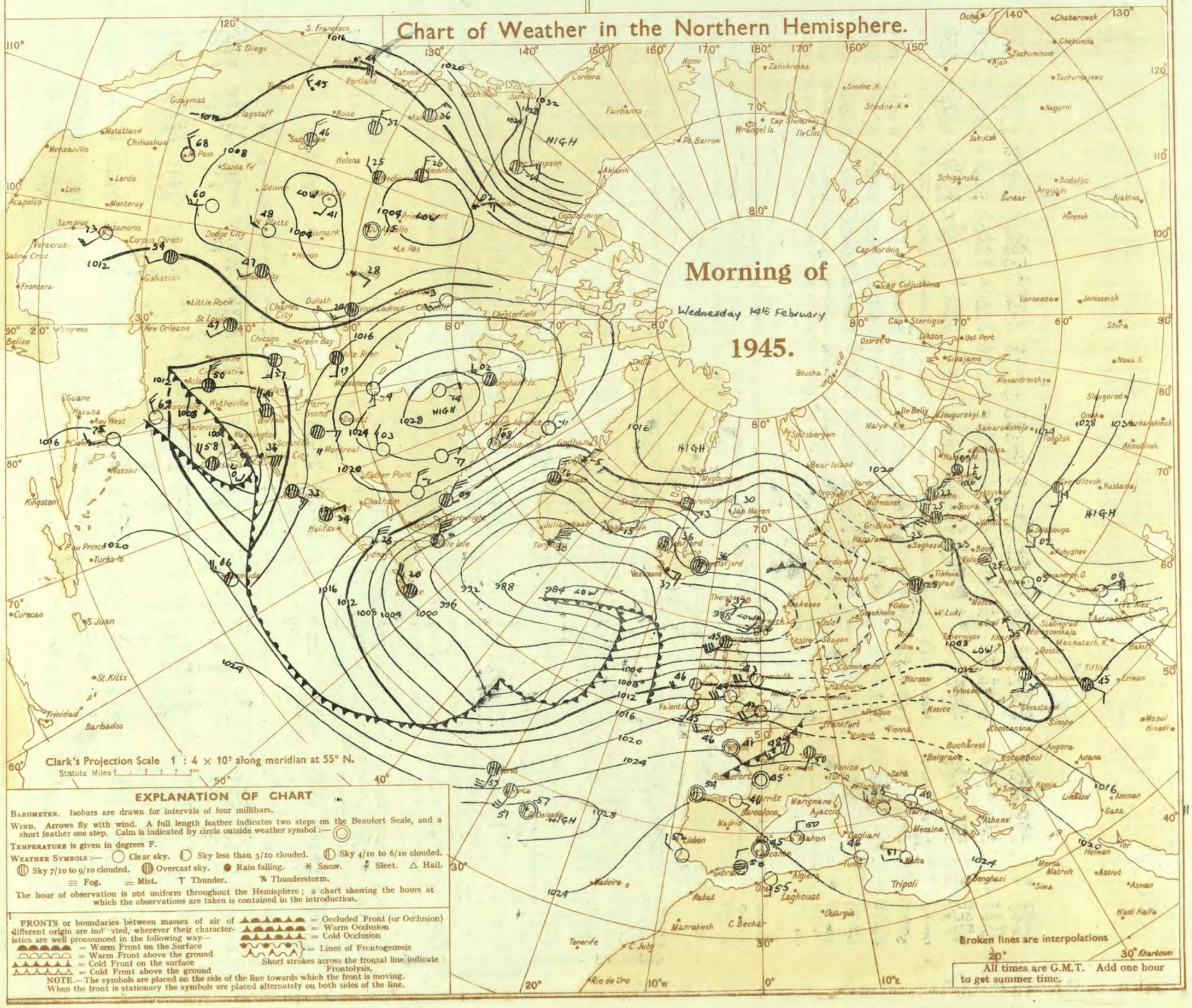
## GENERAL INFERENCE

An anticyclone is building up over France. Depressions are moving northeastwards on tracks passing to N.W. of Scotland, and associated troughs will affect our N.W. districts. There will be periods of rain in Scotland with S.Wly winds strong to gale at times in the N. and W. In England and Wales weather will be mainly fair with considerable bright periods in the South. It will be generally rather cold.

## FURTHER OUTLOOK

Similar

Gale warning in operation in districts 13B, 15 and 16, issued at 0245 G.M.T. on 14th and in districts 11, 12, 13A, 17 and 18 issued at 0430 G.M.T. on 14th February.




## 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.

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.

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 14th February 1945 No. 30.400

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

| District | Stations | Height above M.S.L. in feet (1) | Barom. at M.S.L. mb. (2) | Change in 3 hours (3) | Wind Direc (4) | Wind Force (5) | Weather (6) | Temp. °F. (7) | Dew Point °F. (8) | Visibility 0–9 (9) | Cloud Form Low (10) | Cloud Form Med. (11) | Cloud Form High (12) | Cloud Amount Total 0–9 (13) | Cloud Amount Low A. 0–9 (14) | Cloud Amount Low B. 0–9 (15) | Height of Base Hundreds of feet A. (16) | Height of Base Hundreds of feet B. (17) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 16 | * | * | * | * | * | 42 | * | * | * | * | * | * | * | * | * | * |
| | Croydon ... | 217 | 19·2 | +30 | WSW | 4 | b | 42 | 38 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Boscombe Down | 417 | 19·3 | +16 | W'S | 4 | bc | 42 | 39 | 7 | 5 | – | – | 4 | 3 | – | 15 | – |
| | Thorney Island | 10 | 19·8 | +24 | W'S | 3 | zo | 43 | 40 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 19·6 | +30 | W | 3 | zo | 39 | 36 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Manston ... | 140 | 18·5 | +26 | WSW | 3 | zo | 41 | 38 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| 2 | North Weald | 244 | 17·9 | +24 | WSW | 4 | zo | 41 | 37 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Felixstowe ... | 10 | 17·4 | +34 | WSW | 3 | zo | 41 | 41 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Gorleston ... | 5 | 14·4 | +32 | W | 2 | b | 42 | 38 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Mildenhall | 15 | 15·5 | +26 | W'S | 5 | b | 42 | 39 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Bircham Newton | 221 | 14·0 | +18 | WSW | 4 | zo | 41 | 37 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Cranwell ... | 203 | 14·4 | +20 | SSW | 4 | zo | 40 | 39 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| 3 | Cranfield ... | 340 | 17·0 | +26 | WSW | 4 | b | 41 | 37 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Honiley ... | 427 | 16·8 | +22 | SSW | 4 | b | 40 | 37 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| 4 | Little Rissington | 731 | 17·7 | +22 | W | 3 | b | 40 | 36 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Shobden ... | 318 | 17·6 | +18 | WSW | 5 | b | 42 | 37 | 8 | 5 | – | – | 2 | 2 | – | 30 | – |
| 5 | Bristol ... | 209 | 19·5 | +22 | W | 3 | b-bc | 44 | 42 | 7 | 5 | – | – | 3 | 3 | – | 25 | – |
| | Chivenor ... | 20 | 20·0 | +18 | W | 4 | b | 45 | 43 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Yeovilton | 50 | 19·7 | +16 | W'S | 1 | b | 42 | 41 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Portland Bill | 32 | 19·8 | +8 | SSW | 4 | c-bc | 47 | 45 | 8 | 5 | – | – | 5 | 5 | – | 50 | – |
| | Exeter ... | 100 | 20·6 | +24 | W | 4 | zo | 44 | 40 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Plymouth ... | 86 | 21·8 | +18 | W'S | 3 | b | 45 | 43 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | St. Eval ... | 345 | 22·1 | +18 | W'S | 3 | zo | 45 | 44 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | The Lizard | 240 | 20·9 | +16 | W'N | 4 | b-bc | 46 | 43 | 7 | 4 | – | – | 3 | 3 | – | 20 | – |
| | Scilly, St. Marys | 163 | 21·7 | +12 | W | 4 | b | 46 | 44 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| 6 | Fairwood ... | 268 | 19·7 | +20 | W | 4 | zo | 42 | 42 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Pembroke ... | 142 | 18·7 | +22 | WSW | 4 | b | 45 | 42 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 16·3 | +22 | SW | 3 | b | 43 | 39 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Holyhead, Valley | 32 | 16·0 | +20 | WSW | 6 | b | 44 | 40 | 9 | 2 | – | – | 2 | 2 | – | 20 | – |
| | Hawarden | 15 | 14·9 | +14 | WSW | 3 | b | 42 | 37 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| 8 | Manchester | 230 | 14·3 | +20 | SSW | 4 | b | 40 | 36 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Squires Gate | 30 | 13·6 | +22 | W'S | 5 | b | 43 | 40 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Silloth ... | 25 | 09·9 | +28 | WSW | 5 | b | 42 | 38 | 7 | 4 | – | – | 2 | 2 | – | 28 | – |
| | Ashbourne ... | 590 | 15·2 | +22 | WSW | 3 | zo | 39 | 36 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| 9 | Snaith ... | 30 | 13·5 | +32 | W'S | 6 | zo | 44 | 37 | 6 | 2 | – | – | 1 | 1 | – | 20 | – |
| 10 | Spurn Head | 29 | 12·1 | +24 | W'S | 5 | b | 42 | 38 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Leeming | 105 | 11·1 | +22 | WSW | 5 | b | 43 | 36 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Tynemouth | 108 | 07·9 | +30 | WSW | 6 | b | 43 | 36 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Acklington | 138 | 06·3 | +24 | WSW | 6 | b | 41 | 36 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| 11 | St. Abb's Head | 280 | 02·8 | +14 | WSW | 5 | b | 42 | 34 | 8 | 4 | – | – | 1 | 1 | – | 25 | – |
| | Leuchars ... | 31 | 12·6 | +14 | WSW | 4 | b | 41 | 37 | 8 | – | 4 | – | 1 | 1 | – | 80 | – |
| | Montrose ... | 22 | 01·5 | +14 | SW | 4 | b | 40 | 36 | 8 | 9 | – | – | 2 | 2 | – | 25 | – |
| 12 | Abbotsinch | 19 | 06·3 | +16 | WSW | 5 | b-bc/pr | 43 | 40 | 6 | 5 | – | – | 3 | 3 | – | 15 | – |
| | Prestwick ... | 30 | 08·0 | +18 | SW'W | 4 | bc/pr | 43 | 39 | 7 | 2 | – | – | 4 | 4 | – | 25 | – |
| | West Freugh | 53 | 09·7 | +24 | WSW | 5 | b-bc | 42 | 38 | 8 | 5 | – | – | 3 | 3 | – | 30 | – |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 11·9 | +22 | SW | 6 | b-bc | 42 | 39 | 8 | 5 | – | – | 3 | 3 | – | 25 | – |
| 13A | Machrihanish | 35 | 08·0 | +22 | SW | 5 | c/pr | 43 | 38 | 7 | 8 | – | – | 6 | 4 | 6 | 15 | 25 |
| | Tiree ... | 44 | 04·2 | +28 | W'S | 5 | c | 44 | 38 | 8 | 3 | 6 | | 6 | 4 | 4 | 30 | – |
| | Oban ... | 74 | 05·1 | +18 | SW | 5 | pr | 45 | 38 | 7 | 3 | – | – | 5 | 5 | – | 20 | – |
| 13B | Stornoway ... | 12 | 93·7 | +8 | WSW | 8 | pr | 45 | 40 | 7 | 3 | – | – | 6 | 4 | 5 | 12 | 25 |
| | Cape Wrath | 367 | 88·2 | −30 | W | 4 | phr | 42 | 40 | 8 | 8 | 2 | – | 8 | 4 | – | 15 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen ... | 79 | | | | | | 42 | | | | | | | | | | |
| | Fraserburgh | 76 | 98·2 | +10 | SW | 4 | b | 39 | 31 | 8 | 5 | – | – | 2 | 2 | – | 40 | – |
| | Ainess ... | 63 | 96·7 | +2 | WNW | 7 | pr | 43 | 37 | 8 | 3 | – | – | 3 | 3 | – | 15 | – |
| | Wick ... | 114 | 93·7 | 0 | SW | 5 | bc | 41 | 37 | 8 | 8 | 6 | – | 4 | 4 | 2 | 26 | – |
| 16 | Hatston ... | 45 | 91·0 | 0 | SW | 7 | bc | 44 | 39 | 7 | 3 | – | – | 4 | 4 | – | 20 | – |
| | Sumburgh ... | 15 | 89·1 | +6 | WSW | 6 | c/pr | 42 | 40 | 7 | 3 | – | – | 6 | 6 | – | 15 | – |
| | Sullom Voe | 12 | 87·1 | +6 | SW | 5 | c/pr | 42 | 39 | 7 | 3 | – | – | 4 | 4 | 7 | 19 | – |
| 17 | Blacksod Point † | 18 | 11·6 | +12 | W'N | 4 | b-bc/pr | 46 | 42 | 7 | 3 | – | – | 3 | 3 | – | 8 | – |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 10·9 | +18 | SSW | 4 | bc | 40 | 36 | 7 | 4 | – | – | 4 | 3 | 3 | 20 | 57 |
| | Cas. Archdale | 240 | 11·9 | +16 | SW'S | 4 | c-bc/pr | 41 | 37 | 8 | 3 | – | – | 5 | 5 | – | 18 | – |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 14·3 | +14 | SW'W | 5 | b | 41 | 37 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| 20 | Foynes ... † | 3 | 16·6 | +10 | SW'W | 4 | b | 43 | 37 | 8 | – | – | – | 0 | 0 | 0 | – | – |
| | Valentia ... † | 30 | 18·6 | +12 | SSW | 3 | b | 45 | 41 | 8 | 1 | – | – | 1 | 1 | – | 25 | – |
| | Roches Point † | 22 | 19·1 | +18 | W | 3 | b | 43 | 39 | 8 | – | – | – | 0 | 0 | 0 | – | – |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 07

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

| Stations | Barom. at M.S.L. mb. (18) | Change in 3 hours (19) | Wind Direc (20) | Wind Force (21) | Weather (22) | Temp. °F. (23) | Dew Point °F. (24) | Visibility 0–9 (25) | Cloud Form Low (26) | Cloud Form Med. (27) | Cloud Form High (28) | Cloud Amount Total 0–9 (29) | Cloud Amount Low A. 0–9 (30) | Cloud Amount Low B. 0–9 (31) | Height of Base Hundreds of feet A. (32) | Height of Base Hundreds of feet B. (33) | State of Ground 0–9 (34) | Weather 18h.–00h. (35) | Weather 00h.–06h. (36) | Temperature 21h.–09h. Min. °F. (37) | Temperature 21h.–09h. Min. on Grass °F. (38) | Rain 21h.–09h. mm. (39) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 22·5 | +16 | SSW | 2 | zo | 40 | 38 | 6 | – | – | – | 0 | 0 | – | – | – | 1 | bzomw | bmwx | 39 | 29 | Tr |
| Croydon ... | 22·6 | +24 | WSW | 4 | b | 41 | 38 | 7 | – | – | – | 0 | 0 | – | – | – | 1 | bzob | b | 39 | 37 | – |
| Boscombe Down | 22·5 | +14 | SW'W | 2 | zo | 37 | 37 | 6 | – | – | – | 0 | 0 | – | – | – | 1 | bbc | bw | 35 | 30 | Tr |
| Thorney Island | 23·4 | +18 | W'N | 2 | zo | 39 | 38 | 6 | – | – | – | 0 | 0 | – | – | – | 1 | bmo | bmo | 33 | * | Tr |
| Lympne ... | 22·8 | +18 | W | 2 | zo | 38 | 37 | 6 | – | – | – | 0 | 0 | – | – | – | 1 | bmo | bmo | 36 | 31 | Tr |
| Manston ... | 22·0 | +20 | WSW | 3 | zo | 39 | 37 | 6 | – | – | – | 0 | 0 | – | – | – | 1 | cbczobmo | bmo | 37 | 35 | – |
| North Weald | 22·1 | +22 | SW'W | 3 | zo | 38 | 36 | 5 | – | – | – | 0 | 0 | – | – | – | 1 | bczobmo | bmo | 37 | 35 | * |
| Felixstowe ... | 21·4 | +20 | W'S | 5 | zo | 40 | 39 | 6 | – | – | – | 0 | 0 | – | – | – | 0 | bmo | bmow | 41 | 37 | Tr |
| Gorleston ... | 18·9 | +26 | W | 3 | b-bc | 41 | 37 | 7 | 5 | – | – | 3 | 3 | – | 20 | – | 0 | b | bbc | 40 | 35 | – |
| Mildenhall | 20·0 | +26 | SW'W | 3 | b | 39 | 37 | 7 | – | 4 | – | 1 | 1 | – | 80 | – | 0 | b | b | 37 | 33 | – |
| Bircham Newton | 18·2 | +22 | WSW | 5 | b | 40 | 36 | 7 | 5 | – | – | 2 | 2 | – | 40 | – | 1 | bzo | bmo | 38 | 36 | – |
| Cranwell ... | 17·7 | +10 | SW | 5 | zo | 40 | 37 | 6 | 5 | – | – | 2 | 2 | – | 30 | – | 1 | bbmo | bmo | 38 | 35 | – |
| Cranfield ... | 20·5 | +14 | WSW | 5 | zo | 37 | 36 | 6 | – | – | – | 0 | 0 | – | – | – | 1 | b | bbmo | 37 | 33 | Tr |
| Honiley ... | 20·0 | +16 | SSW | 3 | b | 37 | 35 | 6 | – | – | – | 0 | 0 | – | – | – | 1 | b | b | 36 | 32 | – |
| Little Rissington | 21·1 | +12 | WSW | 4 | zo | 37 | 37 | 5 | 5 | – | – | 3 | 3 | – | 3 | – | 1 | b | bbcmo | 36 | 33 | * |
| Shobden ... | 21·1 | +14 | S | 3 | b | 40 | 36 | 8 | 5 | – | – | 1 | 1 | – | 30 | – | 1 | bcyb | bb | 37 | 33 | – |
| Bristol ... | 22·6 | +14 | W'S | 4 | zo | 44 | 42 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 1 | bmob | bccmo | 41 | 37 | – |
| Chivenor ... | 23·4 | +18 | W'S | 4 | b | 44 | 42 | 7 | – | – | – | 0 | 0 | – | – | – | 1 | b | b | 43 | 38 | – |
| Yeovilton | 22·9 | +14 | SW | 3 | zo | 42 | 40 | 6 | – | – | – | 0 | 0 | – | – | – | 0 | b | bbzbzb | 39 | * | – |
| Portland Bill | 23·8 | +18 | SSW | 4 | c-bc | 47 | 45 | 7 | 5 | – | – | 5 | 5 | – | 50 | – | 1 | c | cc | 46 | * | – |
| Exeter ... | 24·3 | +22 | SSW | 3 | zo | 40 | 38 | 6 | 2 | – | – | 1 | 1 | – | 18 | – | 1 | bbmo | bmo | 39 | 31 | – |
| Plymouth ... | 25·1 | +18 | – | 0 | zo | 37 | 36 | 6 | – | – | – | 0 | 0 | – | – | – | 1 | bmob | bmow | 34 | 26 | – |
| St. Eval ... | 24·7 | +18 | WSW | 3 | zo | 44 | 43 | 6 | 5 | – | – | 2 | 2 | – | 20 | – | 1 | bcmo | bmow | 43 | 39 | – |
| The Lizard | 24·7 | +20 | W | 3 | b-bc | 45 | 45 | 7 | 4 | – | – | 3 | 3 | – | 20 | – | 1 | bc | bc | 44 | * | – |
| Scilly, St. Marys | 24·5 | +12 | W'S | 4 | b | 45 | 45 | 7 | – | – | – | 0 | 0 | – | – | – | 1 | bw | bw | 45 | * | 0·2 |
| Fairwood ... | 22·9 | +14 | W'S | 4 | zo | 42 | 42 | 6 | – | – | – | 0 | 0 | – | – | – | 1 | bmo | cmow | 40 | 35 | – |
| Pembroke ... | 21·8 | +8 | SW'W | 5 | b | 46 | 44 | 8 | – | – | – | 0 | 0 | – | – | – | 1 | b | b | 44 | * | Tr |
| Aberporth ... | 21·5 | +12 | WSW | 4 | b | 42 | 39 | 8 | – | – | – | 0 | 0 | – | – | – | 1 | * | b | 41 | 38 | – |
| Penrhos ... | 19·4 | +14 | SW | 4 | b-bc | 44 | 39 | 7 | 2 | – | – | 8 | 8 | – | 40 | – | 0 | bw | bw | 42 | 38 | – |
| Holyhead, Valley | 18·9 | +10 | W'S | 5 | bc | 44 | 39 | 8 | 8 | 7 | 1 | 4 | 3 | 4 | 20 | – | 0 | b | bcbbc | 44 | 39 | – |
| Hawarden | 17·5 | +10 | WSW | 3 | b-bc | 41 | 37 | 8 | 5 | – | – | 3 | 3 | – | 30 | – | 1 | b | b | 40 | 31 | – |
| Manchester | 16·9 | +12 | SW'S | 4 | bc | 41 | 35 | 7 | 4 | – | – | 4 | 4 | – | 30 | – | 1 | bcbbc | bbcb | 36 | 34 | – |
| Squires Gate | 15·9 | +12 | N | 5 | b-bc | 43 | 39 | 7 | – | 7 | 7 | 3 | 3 | 1 | – | – | 1 | bcb | bc | 41 | 40 | – |
| Silloth ... | 12·7 | +10 | SW'S | 5 | c/pr | 42 | 39 | 7 | 8 | – | – | 6 | 6 | – | 28 | – | 1 | bcprob | bbccpro | 41 | 38 | 0·2 |
| Ashbourne ... | 18·7 | +18 | SW | 3 | zo | 37 | 34 | 6 | 5 | – | – | 3 | 3 | – | 30 | – | 1 | bcbcmo | bmo | 36 | 31 | – |
| Snaith ... | 16·4 | +14 | WSW | 4 | zo | 44 | 37 | 6 | 5 | – | – | 7 | 7 | – | 30 | – | 0 | bcpro2o | bzomczo | 41 | 37 | Tr |
| Spurn Head | 15·8 | +18 | WSW | 6 | c-bc | 41 | 37 | 7 | 7 | – | – | 5 | 5 | – | 15 | – | 1 | b | c | 40 | * | – |
| Leeming | 13·8 | +14 | WSW | 3 | bc | 44 | 37 | 8 | 5 | – | – | 4 | 4 | – | 28 | – | 1 | b | cbc | 42 | * | – |
| Tynemouth | 11·2 | +10 | W | 4 | b-bc | 44 | 37 | 7 | 2 | – | – | 3 | 3 | – | 25 | – | 1 | bcb | bbc | 42 | 38 | – |
| Acklington | 09·4 | +10 | WSW | 6 | b-bc | 42 | 36 | 7 | 5 | – | – | 3 | | 3 | 20 | 57 | 1 | b | b | 39 | 38 | – |
| St. Abb's Head | 06·7 | +20 | W | 5 | b | 43 | 32 | 8 | 4 | – | – | 2 | 2 | – | 25 | – | 0 | bbcpro | cpro | 40 | * | 0·1 |
| Leuchars ... | 05·8 | +12 | WSW | 6 | b | 42 | 38 | 8 | – | – | – | 0 | 0 | – | – | – | 1 | bcb | b | 39 | 35 | – |
| Montrose ... | 05·2 | +28 | SW | 4 | b | 41 | 33 | 8 | – | 4 | – | 2 | 2 | – | – | – | 1 | bcb | b | 39 | 28 | – |
| Abbotsinch | 08·4 | +10 | WSW | 4 | ro | 43 | 42 | 6 | – | 2 | – | 8 | 8 | – | 12 | – | 1 | bcmopro | bcprmo | 41 | 38 | 6 |
| Prestwick ... | 11·2 | +14 | SW'W | 4 | ro | 43 | 41 | 6 | 6 | 2 | – | 8 | 5 | 8 | 15 | 25 | 1 | cbcpro | cprro | 42 | 39 | 3 |
| West Freugh | 12·4 | +6 | SW | 6 | iro | 44 | 41 | 6 | 5 | – | – | 8 | 8 | – | 18 | – | 1 | bbc | bccciromo | 42 | 38 | 1 |
| Eskdalemuir | 10·3 | +12 | W'S | 5 | ir | 39 | 37 | 6 | 6 | 2 | – | 8 | 6 | 8 | 9 | 15 | 1 | cprpR | cirmo | 37 | 37 | 3 |
| Jurby, I. of Man | 14·6 | +8 | SW | 6 | iro | 43 | 41 | 8 | 5 | 7 | – | 7 | 4 | 7 | 32 | – | 1 | b | bbcc | 42 | 39 | Tr |
| Machrihanish | 10·2 | +4 | SW | 4 | rr | 44 | 42 | 6 | 5 | – | – | 8 | 3 | 8 | 6 | 15 | 1 | prcbcprb | cprrr | 43 | 39 | 3 |
| Tiree ... | 08·9 | +6 | SW'S | 4 | ro | 44 | 42 | 5 | 5 | 2 | – | 8 | 4 | 8 | 15 | 15 | 1 | cpropbc | crromo | 43 | 40 | 5 |
| Oban ... | 08·8 | +10 | SW | 4 | ro | 43 | 42 | 6 | 5 | 2 | – | 8 | 3 | 6 | 8 | 15 | 1 | cphprpro | cpcrromo | 43 | * | * |
| Stornoway ... | 02·2 | +32 | WSW | 3 | c | 42 | 40 | 7 | 8 | – | – | 8 | 4 | 8 | 25 | 40 | 1 | bc pro | cprbcprobc | 41 | 38 | 3 |
| Cape Wrath | 99·7 | +58 | NW | 5 | c-bc | 42 | 40 | 9 | 9 | 4 | – | 5 | 4 | – | 15 | – | 2 | cphr | bccpbc | 38 | * | 3 |
| Dalwhinnie | 06·0 | +18 | W | 4 | c | 39 | 32 | 6 | 8 | 1 | – | 8 | 4 | 4 | 21 | 72 | 1 | * | ciro | 37 | 33 | 6 |
| Aberdeen ... | 02·2 | +22 | W | 4 | b | 42 | 33 | 8 | – | – | – | 0 | 0 | – | – | – | 1 | bc | bcb | 40 | 38 | – |
| Fraserburgh | 01·8 | +32 | W | 5 | b-bc/pr | 42 | 37 | 8 | 3 | – | – | 3 | 3 | – | 20 | – | 1 | b | bbcprob | 35 | * | Tr |
| Ainess ... | 02·8 | +34 | WNW | 5 | b-bc/pr | 43 | 36 | 7 | 8 | – | – | 3 | 2 | 3 | 20 | – | 1 | bc pro | bcprobc | 41 | 35 | 3 |
| Wick ... | 99·4 | +18 | WNW | 5 | bc | 41 | 37 | 7 | 3 | 6 | – | 4 | 3 | 2 | 15 | – | 1 | cprbbc | bccprb | 37 | 34 | 2 |
| Hatston ... | 97·1 | +56 | W'N | 5 | b | 42 | 40 | 7 | 3 | – | – | 2 | 2 | – | 25 | – | 1 | prpr cbc | procprb | 39 | * | 2 |
| Sumburgh ... | 92·8 | +40 | W'N | 4 | bc | 42 | 40 | 7 | 3 | – | – | 4 | 4 | – | 20 | – | 1 | bcproc | cpro bo | 39 | 39 | 5 |
| Sullom Voe | 92·1 | +38 | W'S | 3 | b/pr | 41 | 39 | 7 | 3 | – | – | 4 | 4 | – | 16 | – | 1 | cprprophbc | cbcprobc | 39 | 37 | 3 |
| Blacksod Point † | 93·2 | +6 | SW | 6 | c | 43 | 45 | 7 | 5 | – | – | 8 | 8 | – | 15 | – | 2 | pr | c | 43 | * | 0·4 |
| Malin Head † | 97·9 | −10 | W | 7 | ro | 47 | 43 | 6 | – | 2 | – | 8 | 8 | – | 8 | – | 1 | | † | 42 | * | 2 |
| Aldergrove | 93·0 | +6 | SSW | 5 | c/pr | 43 | 40 | 6 | 8 | – | – | 8 | 8 | – | 25 | – | 1 | bcr.b | bcprobcc | 39 | 35 | 0·4 |
| Cas. Archdale | 93·3 | −2 | SSW | 4 | ro | 45 | 42 | 7 | 5 | – | – | 8 | 4 | 8 | 6 | 15 | 1 | bmcpro | cbc | 41 | 37 | 2 |
| Birr Castle ... † | 97·5 | +10 | WSW | 3 | c-bc | 46 | 42 | 8 | 8 | – | – | 5 | 5 | – | 5 | – | 1 | * | c | 40 | 36 | 0·2 |
| Collinstown † | 97·3 | +14 | SW'W | 4 | bc | 42 | 38 | 8 | 5 | – | – | 4 | 4 | – | 27 | – | 1 | b | bc | 40 | 38 | – |
| Foynes ... † | 98·9 | +10 | SW | 3 | bc | 47 | 43 | 8 | 5 | – | – | 4 | 4 | – | 25 | – | 1 | b | bc | 42 | 36 | Tr |
| Valentia ... † | 20·8 | +10 | SW | 4 | b-bc | 49 | 42 | 8 | 2 | – | – | 3 | 3 | – | 25 | – | 1 | b | b | 44 | 39 | – |
| Roches Point † | 21·7 | +14 | W | 2 | bc | 42 | 40 | 8 | 5 | – | – | 4 | 4 | – | 15 | – | 1 | b | bc | 40 | * | Tr |

CORRECTION. Squires Gate. 2nd Feb. morning. Rainfall should read 31 mm. and not 56 mm.

## OBSERVATIONS during NIGHT

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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

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

Thursday 15th February 1945

No. 30401

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

| 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) | 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 ... | 25.0 | -4 | W | 4 | c | 49 | 39 | 7 | 2 | 3 | 6 | 6 | 5 | 5 | 21 | - |
| | Croydon ... | 25.4 | +6 | WSW | 4 | ebc | 49 | 38 | 7 | 1 | 3 | 1 | 5 | 2 | 4 | 20 | - |
| | Boscombe Down | 25.6 | +10 | WSW | 4 | bc | 50 | 41 | 7 | 5 | - | 8 | 4 | 4 | 2 | 20 | - |
| | Thorney Island | 26.1 | +6 | SWW | 3 | 2 | 50 | 42 | 6 | 1 | - | 2 | 5 | 1 | 5 | 25 | - |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 25.7 | +6 | W | 4 | bc | 49 | 40 | 7 | 1 | 3 | 2 | 4 | 1 | 2 | 18 | - |
| | Manston ... | 24.7 | +6 | WSW | 4 | ebc | 49 | 41 | 8 | - | - | 9 | 5 | 5 | - | - | - |
| 2 | North Weald | 24.8 | +12 | WSW | 4 | 2 | 48 | 40 | 6 | 1 | - | 2 | 4 | 3 | 4 | 25 | - |
| | Felixstowe ... | 23.3 | +30 | W | 5 | 2 | 47 | 45 | 6 | 5 | 3 | 2 | 8 | 4 | 8 | 40 | - |
| | Gorleston ... | 20.5 | +10 | WNW | 4 | ebc | 50 | 46 | 7 | 5 | 3 | - | 5 | 4 | 3 | 30 | - |
| | Mildenhall | 22.6 | +34 | WSW | 5 | ebc | 50 | 43 | 7 | 1 | 3 | 2 | 5 | 1 | 4 | 30 | - |
| | Bircham Newton | 21.3 | +10 | WSW | 5 | c | 45 | 40 | 8 | - | 7 | - | 7 | 7 | - | - | - |
| | Cranwell ... | 20.7 | +14 | SW | 6 | 2 | 47 | 42 | 6 | 5 | 7 | 5 | 5 | 3 | 5 | 50 | - |
| 3 | Cranfield ... | 23.6 | +12 | WS | 5 | 2 | 48 | 39 | 6 | 1 | 7 | 1 | 5 | 4 | 2 | 30 | - |
| | Honiley ... | 23.0 | +12 | WSW | 5 | c | 47 | 40 | 7 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Little Rissington | 22.8 | 0 | W | 5 | 2 | 47 | 39 | 6 | 2 | 4 | - | 4 | 4 | 1 | 20 | - |
| 4 | Shobden ... | 23.0 | +6 | W | 5 | bc | 47 | 40 | 8 | 8 | 4 | 2 | 4 | 3 | 3 | 18 | 15 |
| | Bristol ... | 25.6 | +14 | WSW | 4 | c.bc | 50 | 44 | 7 | 5 | 7 | 2 | 5 | 4 | 4 | 12 | - |
| 5 | Chivenor ... | 25.8 | +10 | WSW | 4 | bc | 50 | 45 | 8 | 5 | - | 1 | 4 | 3 | 2 | 18 | 40 |
| | Yeovilton | 25.9 | +10 | WSW | 3 | bc | 49 | 42 | 7 | 5 | - | 2 | 4 | 4 | 3 | 25 | - |
| | Portland Bill | 27.4 | +10 | SW | 4 | ebc | 46 | 44 | 8 | 2 | - | - | 5 | 4 | - | 50 | - |
| | Exeter ... | 26.5 | +10 | W | 4 | bc | 50 | 38 | 8 | 2 | - | 1 | 4 | 4 | 1 | 25 | - |
| | Plymouth ... | 27.3 | +8 | SW | 2 | bc | 49 | 45 | 7 | 2 | - | 6 | 4 | 2 | 4 | 30 | - |
| | St. Eval ... | 26.9 | +8 | WSW | 4 | b-bc | 49 | 44 | 8 | 2 | 4 | 1 | 3 | 3 | 2 | 15 | - |
| | The Lizard | 27.0 | +14 | SW | 4 | b-bc | 50 | 48 | 8 | 1 | - | - | 3 | 3 | - | 25 | - |
| | Scilly, St. Marys | 26.8 | +10 | WSW | 3 | b | 51 | 47 | 8 | - | - | 1 | 2 | 2 | - | 130 | - |
| | Fairwood ... | 25.6 | +14 | WSW | 5 | bc | 50 | 45 | 7 | 2 | 6 | - | 4 | 4 | 2 | 12 | 15 |
| 6 | Pembroke ... | 24.7 | +14 | SW | 3 | bc | 48 | 45 | 7 | 2 | 6 | - | 4 | 3 | 3 | 22 | - |
| | Aberporth ... | 23.8 | +16 | WS | 5 | b-bc | 50 | 42 | 8 | 7 | - | 1 | 3 | 2 | 3 | 30 | 57 |
| 7 | Penrhos ... | 22.0 | +18 | SW | 4 | ebc | 50 | 45 | 7 | 5 | 7 | 2 | 5 | 2 | 4 | 30 | - |
| | Holyhead, Valley | 21.4 | +18 | SWW | 6 | c | 48 | 42 | 8 | 5 | 7 | 5 | 7 | 1 | 5 | 30 | - |
| | Hawarden ... | 20.7 | +4 | W | 4 | ebc | 53 | 45 | 8 | 5 | 7 | - | 5 | 4 | 3 | 45 | - |
| 8 | Manchester | 19.4 | +6 | SW | 4 | c | 49 | 40 | 7 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Squires Gate | 18.2 | +10 | WS | 6 | c | 47 | 41 | 7 | 5 | 7 | - | 6 | 5 | 4 | 40 | - |
| | Silloth ... | 14.7 | +14 | SW'W | 6 | 2 | 45 | 41 | 6 | 5 | 7 | - | 6 | 4 | 6 | 9 | 40 |
| | Ashbourne ... | 20.8 | +4 | SW | 5 | c | 49 | 41 | 7 | 5 | - | - | 8 | 4 | 8 | 10 | 25 |
| 9 | Snaith ... | 18.5 | +6 | WSW | 4 | 2 | 48 | 39 | 6 | 5 | - | - | 8 | 8 | - | 30 | - |
| 10 | Spurn Head | 18.1 | 0 | SSW | 6 | cq | 46 | 39 | 6 | 5 | 7 | - | 7 | 4 | 2 | 15 | 57 |
| | Leeming | 16.3 | +10 | WSW | 5 | c | 48 | 42 | 8 | 5 | 7 | - | 7 | 4 | 4 | 15 | 25 |
| | Tynemouth | 13.5 | +6 | WSW | 6 | 2 | 51 | 44 | 6 | 8 | - | - | 5 | 5 | - | 20 | - |
| | Acklington | 11.3 | +4 | WSW | 7 | c | 47 | 42 | 8 | 8 | 7 | - | 6 | 4 | 5 | 15 | 25 |
| 11 | St. Abb's Head | 08.7 | 0 | SW | 5 | c | 50 | 43 | 8 | 5 | - | - | 6 | 4 | 4 | 20 | 40 |
| | Leuchars ... | 07.8 | +6 | WNW | 4 | c.bc | 52 | 48 | 8 | 7 | - | 3 | 5 | 4 | 2 | 25 | - |
| | Montrose ... | 08.1 | +14 | S | 2 | c/d | 44 | 38 | 8 | 5 | 7 | 8 | 7 | 4 | 6 | 20 | 72 |
| 12 | Abbotsinch | 11.2 | +22 | WSW | 6 | d.d. | 49 | 47 | 6 | 6 | 2 | - | 8 | 4 | 8 | 10 | 15 |
| | Prestwick ... | 13.4 | +30 | SW | 5 | dr | 46 | 45 | 4 | 5 | - | - | 8 | 5 | 8 | 7 | 15 |
| | West Freugh | 14.5 | +20 | W | 6 | c | 49 | 45 | 7 | 5 | - | - | 7 | 4 | 6 | 9 | 15 |
| | Eskdalemuir | 12.4 | +6 | WSW | 5 | rr | 44 | 43 | 6 | 6 | - | - | 8 | 8 | - | 5 | - |
| | Jurby, I. of Man | 17.0 | +12 | SW | 6 | c | 48 | 42 | 7 | 5 | - | - | 8 | 4 | 8 | 17 | 25 |
| 13A | Machrihanish | 13.4 | +30 | SW'W | 6 | dd | 47 | 46 | 4 | 5 | - | - | 8 | 4 | 8 | 2 | 8 |
| | Tiree ... | 10.5 | +14 | WSW | 6 | d.d. | 49 | 48 | 5 | 5 | 2 | - | 8 | 5 | 8 | 4 | 8 |
| | Oban ... | 11.3 | +12 | SW | 4 | dd | 47 | 47 | 6 | 5 | - | - | 8 | 4 | 6 | 1 | 15 |
| 13B | Stornoway ... | 07.4 | +36 | SW | 4 | c | 43 | 41 | 8 | 5 | - | - | 6 | 4 | 6 | 25 | 40 |
| | Cape Wrath | 05.7 | +36 | WSW | 4 | c.bc/r | 41 | 41 | 8 | 5 | 2 | - | 5 | 5 | - | 25 | - |
| 15 | Dalwhinnie | 08.0 | +14 | W | 4 | c/d | 46 | 44 | 6 | 5 | - | - | 8 | 8 | - | 17 | - |
| | Aberdeen ... | 07.5 | +26 | SSW | 1 | c | 45 | 35 | 7 | 5 | 7 | - | 7 | 6 | 7 | 60 | - |
| | Fraserburgh | 07.7 | +30 | WSW | 3 | c | 45 | 37 | 8 | 5 | 7 | 6 | 6 | 4 | 9 | 40 | - |
| | Alness ... | 07.7 | +24 | W | 3 | c | 43 | 39 | 8 | 5 | 7 | 7 | 8 | 4 | 5 | 25 | - |
| | Wick ... | 05.5 | +36 | WSW | 3 | c | 43 | 40 | 8 | 5 | 7 | - | 7 | 7 | - | 20 | - |
| 16 | Hatston ... | 08.4 | +40 | WNW | 2 | c/rr | 43 | 40 | 8 | 8 | 6 | - | 7 | 1 | 4 | 15 | 20 |
| | Sumburgh ... | 02.1 | +40 | WNW | 6 | bc | 43 | 35 | 8 | 2 | - | - | 4 | 4 | - | 25 | - |
| | Sullom Voe | 01.4 | +44 | W'N | 4 | c.bc | 41 | 33 | 7 | 8 | - | - | 5 | 4 | 4 | 15 | 25 |
| 17 | Blacksod Point† | 16.6 | +18 | SSW | 5 | c | 50 | 46 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head † | 12.5 | +38 | W'S | 7 | c | 50 | 46 | 7 | - | 2 | - | 8 | 8 | - | 8 | - |
| | Aldergrove | 16.1 | +26 | SW | 4 | ido | 47 | 45 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 15 |
| | Cas. Archdale | 17.1 | +12 | SW | 4 | ir. | 48 | 44 | 8 | 5 | 2 | - | 8 | 5 | 8 | 20 | 72 |
| 19 | Birr Castle ... † | 20.3 | +14 | WSW | 2 | c | 51 | 47 | 8 | 5 | 1 | - | 8 | 5 | - | 25 | - |
| | Collinstown † | 19.8 | +24 | W | 4 | c | 49 | 42 | 8 | 5 | - | - | 7 | 7 | - | 15 | - |
| 20 | Foynes ... † | 20.8 | +20 | W | 3 | c | 53 | 46 | 8 | 6 | - | - | 7 | 7 | - | 24 | - |
| | Valentia ... † | 22.4 | +10 | SW'S | 5 | c.bc | 52 | 48 | 8 | 2 | 4 | 3 | 5 | 4 | - | 17 | - |
| | Roches Point † | 23.3 | +6 | WSW | 2 | c.bc | 57 | 47 | 8 | 3 | - | 5 | 5 | 4 | - | 15 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

| 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) | 21 h ‡ State of Ground. 0–9 (33) | Weather. 06h.–12h. (34) | Weather. 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 25.4 | +8 | SW | 2 | 2 | 47 | 40 | 6 | 5 | - | - | 1 | 1 | - | 25 | - | 1 | bbcmoxc | cbcb2o | 51 | 8.1 | - |
| Croydon ... | 26.2 | +10 | SWW | 3 | 2 | 46 | 39 | 5 | - | 4 | - | 1 | 1 | - | - | - | 1 | bmobc2o | b2o | 51 | 8.2 | - |
| Boscombe Down | 26.0 | +8 | WS | 1 | 0 | 45 | 40 | 8 | 4 | - | 1 | 2 | 2 | 1 | 35 | - | 1 | bcmo | bccbcb | 52 | 6.9 | - |
| Thorney Island | 26.1 | +4 | WSW | 3 | 2 | 45 | 43 | 6 | 1 | 4 | 1 | 1 | 1 | 1 | 30 | - | 1 | bmofmc2o | bc2obmo | 52 | * | Tr |
| Friston ... | | | | | | | | | | | | | | | | | | | | | | |
| Lympne ... | 26.3 | +10 | WS | 2 | b | 42 | 40 | 7 | - | - | 1 | 2 | 2 | - | - | - | 0 | bmobc | bcb | 52 | 8.7 | Tr |
| Manston ... | 25.6 | +4 | WSW | 3 | b-bc | 46 | 39 | 7 | - | 4 | 3 | 3 | 1 | 1 | - | - | 1 | bmobbc | bcbbc | 52 | 8.0 | - |
| North Weald | 27.9 | +2 | WSW | 4 | 2 | 46 | 38 | 6 | - | - | - | 0 | 0 | 0 | - | - | 1 | bmobcmo2o | cbcb2o | 51 | * | - |
| Felixstowe ... | 23.7 | +6 | SWW | 4 | 2 | 44 | 42 | 6 | - | - | 2 | 3 | 3 | - | - | - | 1 | bcmocmo | cmo | 50 | 5.7 | - |
| Gorleston ... | 21.8 | +6 | WSW | 2 | bcq | 49 | 41 | 7 | 5 | - | - | 4 | 4 | - | 40 | - | 0 | | bcq | 51 | 4.0 | - |
| Mildenhall | 23.1 | +10 | WSW | 4 | b | 47 | 40 | 7 | - | 7 | 1 | 2 | 2 | 1 | - | - | 0 | bbcmoc | ebccb | 52 | 6.4 | - |
| Bircham Newton | 22.3 | +18 | WSW | 4 | c | 48 | 42 | 7 | - | 3 | - | 6 | 6 | - | - | - | 1 | c | c | 50 | 1.2 | Tr |
| Cranwell ... | 22.4 | +12 | SW | 3 | 2 | 47 | 44 | 6 | 5 | - | 2 | 5 | 4 | 3 | 35 | - | 1 | bcmobcmo | bcmoc | 52 | 3.9 | - |
| Cranfield ... | 24.0 | +10 | WSW | 3 | 2 | 45 | 40 | 6 | - | 4 | - | 1 | 1 | - | 80 | - | 1 | bcmo | bcmo | 50 | * | - |
| Honiley ... | 24.0 | +10 | SW | 4 | bc | 48 | 42 | 7 | 5 | - | - | 4 | 4 | - | 30 | - | 1 | bcbc | cbc | 53 | 4.3 | - |
| Little Rissington | 25.0 | +20 | WSW | 3 | 2 | 44 | 40 | 6 | 4 | - | - | 3 | 3 | - | 18 | - | 1 | bcmo | bcmobbc | 49 | * | - |
| Shobden ... | 25.2 | +2 | W | 3 | c | 48 | 42 | 8 | 5 | - | - | 6 | 6 | - | 30 | - | 1 | bbc | c | 53 | * | Tr |
| Bristol ... | 26.3 | +6 | W | 3 | 2 | 44 | 42 | 6 | 5 | 4 | - | 3 | 2 | 2 | 40 | - | 1 | cmobcmoc | cpclomo | 51 | 6.8 | - |
| Chivenor ... | 26.1 | +2 | WS | 3 | b-bc | 45 | 42 | 8 | 5 | 6 | - | 3 | 1 | 2 | 10 | - | 0 | bbc | bcb | 52 | 8.0 | - |
| Yeovilton | 25.6 | 0 | - | 0 | bc | 48 | 43 | 7 | 1 | 3 | 5 | 4 | 2 | 4 | 20 | 25 | 0 | bzbbc | bcbc | 53 | * | - |
| Portland Bill | 26.2 | -4 | SW | 4 | ebc | 46 | 44 | 8 | 2 | - | - | 5 | 5 | - | 50 | - | 1 | bcc | c | 47 | * | - |
| Exeter ... | 27.0 | +10 | W | 1 | b-bc | 47 | 38 | 8 | 4 | - | 1 | 3 | 1 | 3 | 30 | - | 1 | bbc | bcb | 52 | 8.9 | - |
| Plymouth ... | 27.0 | +2 | W | 1 | 2 | 46 | 45 | 6 | 5 | - | 5 | 4 | 3 | 3 | 25 | - | 1 | bfxb | bc | 51 | 7.5 | - |
| St. Eval ... | 26.6 | 0 | WSW | 2 | 2 | 45 | 42 | 8 | 4 | - | - | 2 | 1 | 2 | 25 | - | 1 | bbcm. | bcb | 50 | 7.7 | - |
| The Lizard | 26.4 | 0 | WSW | 2 | bc | 47 | 45 | 7 | 4 | 4 | - | 4 | 3 | 3 | 25 | 40 | 1 | bbc | bc | 51 | 8.8 | - |
| Scilly, St. Marys | 25.7 | 0 | SWS | 2 | b-bc | 49 | 46 | 8 | 8 | 4 | - | 3 | 1 | 2 | 12 | 57 | 1 | b | b | 52 | 8.9 | - |
| Fairwood ... | 26.0 | +6 | SWW | 3 | 2 | 46 | 44 | 6 | 5 | 4 | - | 5 | 2 | 4 | 6 | 15 | 1 | bcmobc | bcmo | 50 | * | - |
| Pembroke ... | 24.5 | +1 | SWS | 4 | b-bc | 46 | 44 | 8 | 2 | - | - | 3 | 3 | - | 22 | - | 1 | bc | bc | 49 | 7.4 | - |
| Aberporth ... | 24.6 | +8 | SW | 3 | bc | 46 | 43 | 8 | 1 | 4 | 1 | 4 | 2 | 1 | 25 | - | 1 | bcbcb | bbcc | 51 | 6.1 | - |
| Penrhos ... | 23.0 | +10 | SW | 5 | 2 | 45 | 44 | 6 | 5 | 3 | 2 | 5 | 4 | 3 | 8 | 25 | 0 | bcc | bcc | 51 | 5.0 | - |
| Holyhead, Valley | 22.9 | +10 | SWS | 5 | bc | 45 | 44 | 8 | - | 4 | 4 | 4 | 3 | 4 | 80 | - | 0 | c | bc | 49 | * | - |
| Hawarden ... | 22.2 | +6 | WNW | 4 | b-bc | 48 | 44 | 7 | 5 | 4 | - | 3 | 3 | 2 | 25 | - | 0 | bcc | c | 54 | 7.4 | - |
| Manchester | 22.1 | +16 | SWW | 3 | c | 47 | 42 | 7 | 5 | 7 | - | 6 | 4 | 6 | 35 | - | 1 | bcemoc | c | 50 | * | - |
| Squires Gate | 21.7 | +14 | WSW | 5 | 2 | 46 | 43 | 6 | 5 | - | - | 7 | 4 | 5 | 12 | 25 | 0 | | c | 49 | * | - |
| Silloth ... | 19.0 | +32 | SSW | 4 | dodo | 44 | 43 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 25 | 1 | cirmomcm. | cmoidomo | 46 | * | Tr |
| Ashbourne ... | 23.0 | +14 | SW | 3 | c | 46 | 41 | 7 | 5 | 3 | - | 6 | 4 | 5 | 15 | 25 | 1 | bcmocmoc | c | 49 | * | - |
| Snaith ... | 21.9 | +18 | WSW | 4 | 2 | 49 | 43 | 6 | 5 | 7 | - | 8 | 5 | 8 | 20 | - | 0 | c2o | ido2omo | 50 | 0.3 | Tr |
| Spurn Head | 20.3 | +12 | WS | 4 | 2 | 47 | 44 | 6 | 7 | 7 | - | 7 | 4 | 3 | 15 | 57 | 0 | cq | cmo | 49 | 0.5 | - |
| Leeming | 19.2 | +16 | WS | 5 | c | 48 | 43 | 7 | 5 | 7 | - | 6 | 5 | 4 | 20 | - | 1 | | c | 49 | 0.0 | - |
| Tynemouth | 17.6 | +12 | W | 5 | 2 | 51 | 47 | 5 | 8 | - | - | 7 | 7 | - | 20 | - | 1 | cmo | cmo | 52 | * | - |
| Acklington | 15.8 | +30 | WSW | 5 | c | 48 | 45 | 8 | 5 | 7 | - | 8 | 5 | 8 | 11 | - | 1 | bbcc | c | 53 | * | - |
| St. Abb's Head | 16.7 | +24 | W | 5 | c | 51 | 45 | 8 | 5 | 4 | - | 6 | 4 | 3 | 20 | - | 0 | c | c | 52 | * | - |
| Leuchars ... | 13.2 | +24 | WSW | 4 | bc | 51 | 47 | 8 | 5 | 3 | - | 4 | 3 | 3 | 15 | 40 | 1 | bbc | c | 55 | 2.7 | Tr |
| Montrose ... | 13.3 | +26 | - | 0 | c | 45 | 41 | 8 | 5 | 7 | - | 7 | 4 | 7 | 35 | - | 1 | bbccidoc | c | 51 | 0.5 | 0.2 |
| Abbotsinch | 15.3 | +20 | W | 4 | c | 49 | 48 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 | rrrodo | cdomo | 49 | 0.0 | 2 |
| Prestwick ... | 17.6 | +30 | SW | 5 | ido | 48 | 46 | 6 | 5 | - | - | 8 | 5 | 8 | 9 | 15 | 8 | cbrrcb | cdomocmo | 54 | * | - |
| West Freugh | 18.0 | +16 | WSW | 4 | c | 49 | 46 | 7 | 5 | - | - | 8 | 4 | 8 | 9 | 15 | 1 | circ | c | 50 | * | Tr |
| Eskdalemuir | 17.1 | +34 | WSW | 4 | c | 49 | 45 | 7 | 5 | - | - | 8 | 8 | - | 13 | - | 1 | crrm. | crrrromo | 50 | 0.0 | 4 |
| Jurby, I. of Man | 19.1 | +12 | SW | 5 | bc | 47 | 45 | 8 | 5 | 7 | - | 4 | 3 | 2 | 18 | 40 | 1 | bccirm.iro | cbc | 48 | * | - |
| Machrihanish | 17.1 | +22 | WSW | 4 | dodo | 48 | 46 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 15 | 0 | rrdd. | ddcdd | 49 | * | 3 |
| Tiree ... | 14.8 | +22 | SWW | 5 | c | 49 | 47 | 7 | 5 | 7 | - | 8 | 5 | 8 | 10 | - | 1 | cdodomocid | cdodomodomo | 49 | 0.0 | - |
| Oban ... | 17.0 | +36 | SW | 5 | dodo | 47 | 46 | 6 | 5 | - | - | 8 | 6 | 8 | 1 | 15 | 1 | crrrrddm. | odododdmo | 48 | * | - |
| Stornoway ... | 11.2 | +16 | S | 1 | iro | 45 | 43 | 8 | 5 | 2 | - | 8 | 4 | 8 | 15 | 25 | 1 | cpreciro | dbcciro | 46 | 1.3 | 1 |
| Cape Wrath | 11.8 | +24 | SW | 2 | ebc | 41 | 41 | 8 | 5 | 2 | - | 5 | 4 | - | 15 | - | 1 | cprc | bc | 43 | * | 0.6 |
| Dalwhinnie | 13.0 | +20 | WSW | 3 | ido | 46 | 43 | 6 | 5 | 7 | - | 8 | 5 | 3 | 18 | 72 | 1 | bid | ocido o | 48 | 0.7 | 1 |
| Aberdeen ... | 13.4 | +26 | - | 0 | cf+ | 45 | 39 | 3 | 5 | - | - | 8 | 8 | - | 40 | - | 1 | bccroc | cf | 47 | 0.1 | 0.6 |
| Fraserburgh | 13.2 | +32 | WSW | 2 | c | 42 | 38 | 8 | 5 | 7 | - | 7 | 6 | 4 | 30 | - | 0 | bbcc | c | 45 | * | - |
| Alness ... | 12.3 | +22 | - | 0 | iro | 43 | 39 | 8 | 5 | 2 | - | 8 | 5 | 8 | 22 | - | 1 | bcirc | ceiro | 46 | 0.4 | - |
| Wick ... | 11.1 | +30 | W | 1 | c | 41 | 39 | 9 | 5 | - | - | 7 | 7 | - | 40 | - | 0 | bcc | cirodbc | 45 | 0.0 | 0.1 |
| Hatston ... | 11.3 | +30 | WNW | 2 | bc | 38 | 34 | 8 | 6 | 3 | 1 | 4 | 1 | 4 | 20 | - | 1 | bcpr | psbccbc | 46 | * | Tr |
| Sumburgh ... | 09.2 | +34 | WNW | 3 | ebc | 41 | 30 | 8 | 5 | - | 5 | 5 | 4 | 5 | 30 | - | 0 | bcebc | bbcc | 45 | 4.4 | - |
| Sullom Voe | 08.8 | +34 | W | 3 | ebc | 40 | 33 | 8 | 8 | - | 5 | 5 | 3 | 5 | 20 | 25 | 1 | cprec | cbcc | 42 | * | - |
| Blacksod Point† | 17.9 | +8 | SW | 4 | c | 49 | 45 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 1 | c | c | 52 | * | Tr |
| Malin Head † | 16.0 | +18 | WS | 5 | c | 49 | 45 | 7 | 8 | - | - | 6 | 6 | - | 15 | - | 2 | - | c | 50 | 0.0 | 0.4 |
| Aldergrove | 19.3 | +18 | SSW | 3 | c | 48 | 45 | 7 | 5 | - | - | 7 | 5 | 3 | 10 | 40 | 1 | irododoidomo | idomoc | 50 | 0.0 | Tr |
| Cas. Archdale | 19.2 | +8 | SWS | 2 | c | 49 | 45 | 7 | 5 | 2 | - | 8 | 4 | 5 | 9 | 25 | 1 | crrocir. | c | 52 | * | Tr |
| Birr Castle ... † | 20.8 | +2 | S | 1 | c | 50 | 48 | 8 | 5 | 1 | - | 8 | 5 | - | 25 | - | 1 | c | c | 52 | 0.2 | - |
| Collinstown † | 20.8 | +6 | WSW | 4 | ebc | 49 | 42 | 8 | 5 | - | 2 | 5 | 3 | - | 10 | - | 1 | c | bc | 53 | 1.3 | - |
| Foynes ... † | 20.9 | +2 | S | 2 | c | 49 | 42 | 8 | 5 | 3 | 3 | 6 | 4 | - | 26 | - | 1 | c | r | 54 | 4.0 | Tr |
| Valentia ... † | 21.6 | -2 | SW | 4 | bc | 48 | 44 | 8 | 4 | - | 4 | 4 | 4 | - | 15 | - | 0 | c | c | 54 | 0.5 | - |
| Roches Point † | 23.4 | 0 | WS | 3 | b-bc | 48 | 46 | 8 | 5 | - | 5 | 3 | 2 | - | 15 | - | 1 | c | bc | 52 | * | - |

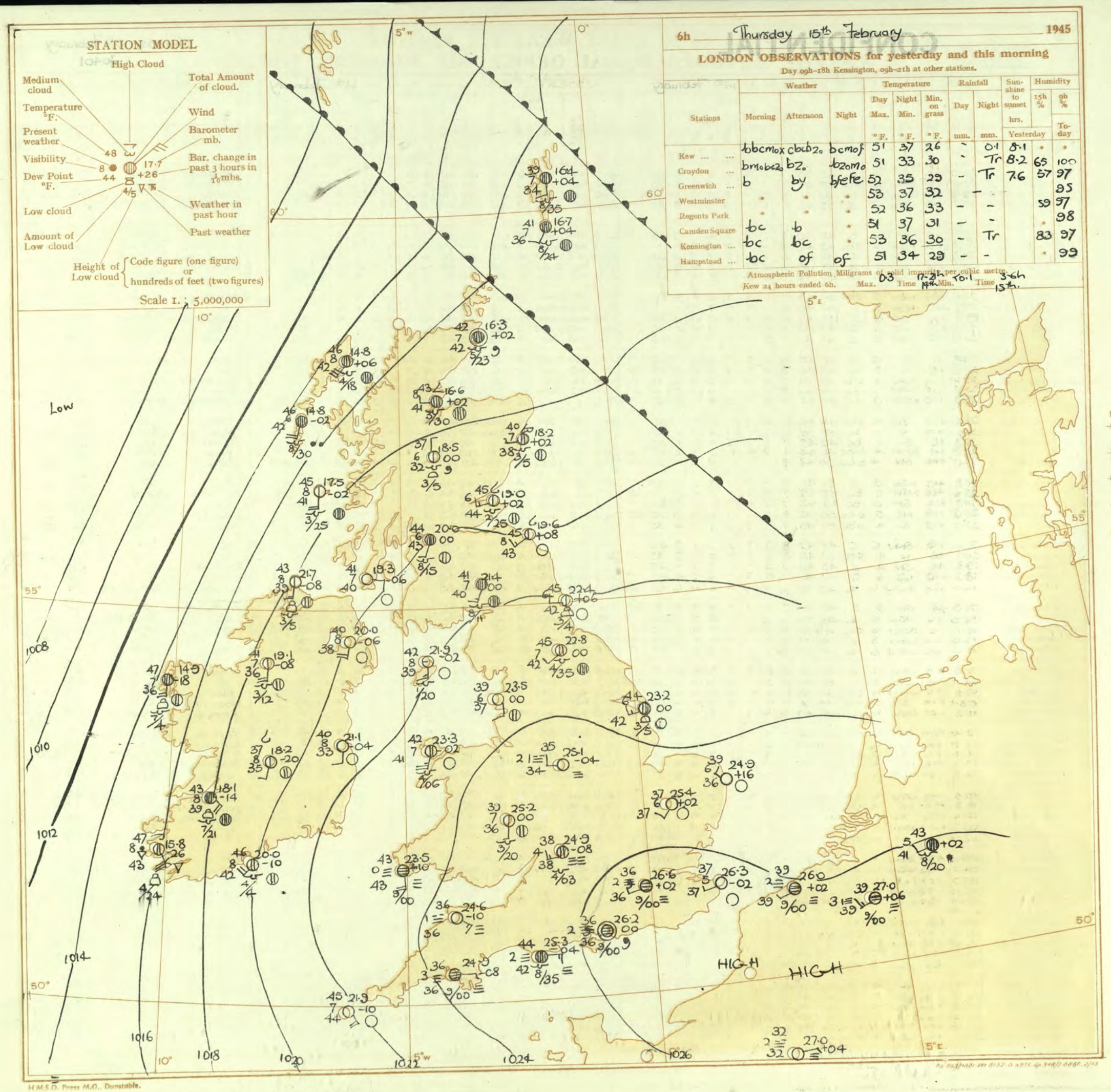
* Information not usually received.

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. ‡ See footnote p. 4.

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




6h Thursday 15th February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | bbcmox | cbcb2o | bcmof | 51 | 37 | 26 | - | 0.1 | 8.1 | * | * |
| Croydon ... | bmobc2o | b2o | bzomo | 51 | 33 | 30 | - | Tr | 8.2 | 65 | 100 |
| Greenwich ... | b | by | bfefe | 52 | 35 | 29 | - | Tr | 7.6 | 57 | 97 |
| Westminster | * | * | * | 53 | 37 | 32 | - | - | | | 95 |
| Regents Park | * | * | * | 52 | 36 | 33 | - | - | | 59 | 97 |
| Camden Square | bc | b | * | 51 | 37 | 31 | - | - | | * | 98 |
| Kensington ... | bc | bc | * | 53 | 36 | 30 | - | Tr | | 83 | 97 |
| Hampstead ... | bc | of | of | 51 | 34 | 29 | - | - | | * | 99 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0.3 Time 17-21h 14th Min. 0.1 Time 3-6h 15th.

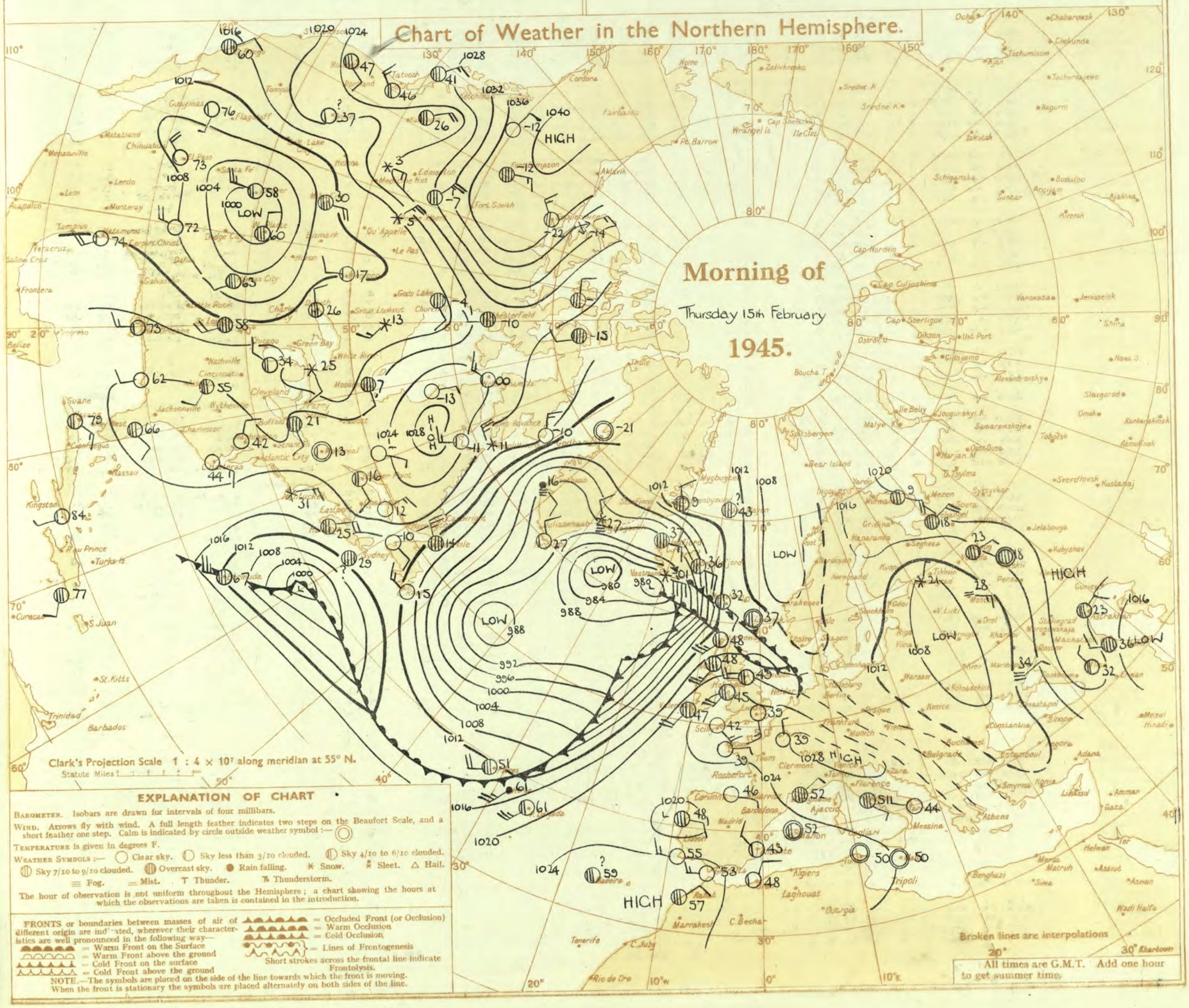
H.M.S.O. Press M.O., Dunstable.

## GENERAL INFERENCE

An anticyclone centred over East France is expected to move northeast-wards. Depressions will move rapidly northeast turning north to northwest over the eastern North Atlantic, associated troughs affecting Ireland and Western Scotland. Strong southerly winds, perhaps gale locally, will occur in these areas with periods of rain. Elsewhere over the British Isles weather will be dry, but there will be much fog night and morning in the Midlands, eastern and southern England. It will be mainly rather cold.

## FURTHER OUTLOOK

Similar




## 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.

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.

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.

Thursday 15th February 1945

No. 30401.

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

| 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 | | * | * | * | * | 41 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 27.2 | +8 | S | 3 | z0 | 39 | 38 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Boscombe Down | 417 | 26.7 | +6 | W'S | 1 | z0 | 38 | 38 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Thorney Island | 10 | 27.2 | +10 | W | 1 | f | 43 | 42 | 2 | - | - | - | 9 | 9 | - | 0 | - |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 27.0 | +2 | W'S | 1 | F | 37 | 37 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Manston | 140 | 26.7 | +8 | WSW | 3 | z0 | 41 | 39 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 2 | North Weald | 244 | 26.5 | +8 | W'S | 2 | m | 39 | 37 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Felixstowe | 10 | 25.4 | +14 | WSW | 2 | z0 | 40 | 40 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Gorleston | 5 | 23.5 | +10 | WNW | 2 | b | 43 | 39 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Mildenhall | 15 | 25.0 | +10 | WSW | 4 | b | 41 | 39 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Bircham Newton | 221 | 24.4 | +10 | WSW | 2 | z0 | 42 | 38 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Cranwell | 203 | 24.0 | +4 | W | 4 | z0 | 44 | 41 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 3 | Cranfield | 340 | 25.6 | +10 | W | 2 | z0 | 37 | 35 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Honiley | 427 | 26.0 | +16 | W | 1 | z0 | 41 | 39 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 4 | Little Rissington | 731 | 25.7 | +6 | WSW | 2 | b | 38 | 36 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Shobden | 318 | 25.9 | 0 | SW | 3 | bc | 42 | 38 | 8 | 5 | - | - | 4 | 4 | - | 30 | - |
| 5 | Bristol | 209 | 26.6 | +6 | WSW | 2 | z0 | 44 | 42 | 5 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Chivenor | 20 | 26.5 | +2 | E'S | 2 | f | 40 | 40 | 2 | - | - | - | 9 | 9 | - | 0 | - |
| | Yeovilton | 50 | 26.4 | +6 | - | 0 | z0 | 32 | 32 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Portland Bill | 32 | 27.2 | 0 | S | 3 | f | 46 | 44 | 2 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Exeter | 100 | 26.7 | +4 | NE | 1 | z0 | 35 | 34 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Plymouth | 86 | 26.6 | -4 | - | 0 | b-bc | 43 | 42 | 7 | 5 | - | - | 3 | 3 | - | 10 | - |
| | St. Eval | 345 | 27.0 | 0 | SSE | 3 | z0 | 38 | 36 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | The Lizard | 240 | 25.6 | -14 | SE | 2 | b | 42 | 42 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Scilly, St. Marys | 163 | 28.1 | -6 | SSE | 3 | b | 42 | 42 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| 6 | Fairwood | 268 | 26.6 | +4 | - | 0 | m | 43 | 43 | 4 | 5 | - | - | 8 | 8 | - | 1 | - |
| | Pembroke | 142 | 25.3 | +10 | S'W | 3 | b | 44 | 44 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 24.4 | +4 | SW | 2 | z0 | 43 | 39 | 6 | 5 | - | - | 6 | 6 | - | 5 | - |
| | Holyhead, Valley | 32 | 24.3 | +4 | SW | 4 | bc | 45 | 44 | 7 | 5 | - | - | 4 | 4 | - | 30 | - |
| | Hawarden | 15 | 23.3 | -4 | W | 4 | b | 46 | 43 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| 8 | Manchester | 230 | 23.5 | -2 | NW | 3 | b | 41 | 40 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Squires Gate | 30 | 22.5 | +2 | WSW | 2 | z0 | 43 | 42 | 6 | 5 | 1 | - | 8 | 4 | 8 | 30 | - |
| | Silloth | 25 | 21.6 | +14 | SW'S | 4 | z0 | 45 | 43 | 6 | 5 | - | - | 5 | 5 | - | 27 | - |
| 9 | Ashbourne | 590 | 24.9 | +6 | WSW | 1 | z0 | 41 | 40 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Snaith | 30 | 23.5 | +8 | W'N | 4 | z0 | 45 | 41 | 6 | 5 | - | - | 2 | 2 | - | 25 | - |
| 10 | Spurn Head | 29 | 22.9 | +14 | W'S | 4 | z0 | 44 | 42 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Leeming | 105 | 22.3 | +12 | W | 2 | bc | 45 | 43 | 8 | 5 | - | 1 | 4 | 4 | 3 | 20 | - |
| | Tynemouth | 108 | 21.3 | +16 | W | 3 | z0 | 48 | 45 | 6 | 2 | - | - | 3 | 3 | - | 15 | - |
| | Acklington | 138 | 22.1 | +42 | SW'W | 5 | b | 46 | 44 | 8 | 5 | - | - | 1 | 1 | - | 15 | - |
| 11 | St. Abb's Head | 280 | 18.2 | +24 | W | 4 | bc | 49 | 45 | 8 | 1 | - | - | 4 | 4 | - | 20 | - |
| | Leuchars | 31 | 18.1 | +26 | SW | 3 | c | 48 | 46 | 7 | 5 | 7 | - | 7 | 4 | 7 | 25 | - |
| | Montrose | 22 | 17.5 | +20 | SW | 3 | c-bc | 47 | 43 | 7 | 5 | 7 | - | 5 | 4 | 4 | 25 | - |
| 12 | Abbotsinch | 19 | 19.8 | +24 | WSW | 3 | c | 49 | 46 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Prestwick | 30 | 20.8 | +12 | SW | 4 | z0 | 48 | 44 | 6 | 5 | - | - | 8 | 8 | - | 21 | - |
| | West Freugh | 53 | 21.2 | +16 | SW | 1 | b | 43 | 42 | 7 | 5 | - | - | 1 | 1 | - | 20 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 22.0 | +6 | SW'S | 3 | b | 45 | 43 | 8 | 5 | - | - | 1 | 1 | - | 18 | - |
| 13A | Machrihanish | 35 | 20.2 | +12 | SW'S | 3 | b-bc | 47 | 43 | 8 | 5 | - | - | 3 | 3 | - | 25 | - |
| | Tiree | 44 | 17.6 | +6 | SSW | 5 | c | 48 | 44 | 7 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Oban | 74 | 19.6 | +8 | SW | 3 | d0d0 | 46 | 46 | 6 | 5 | - | - | 8 | 8 | - | 10 | - |
| 13B | Stornoway | 12 | 13.8 | +18 | SW | 5 | bc/d | 48 | 46 | 7 | 5 | - | - | 4 | 4 | - | 16 | - |
| | Cape Wrath | 367 | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | 42 | | | | | | | | | | |
| | Fraserburgh | 76 | 16.7 | +18 | S | 1 | d0d0 | 42 | 40 | 6 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Alness | 63 | 15.5 | +10 | WNW | 4 | z0 | 49 | 45 | 6 | 5 | - | - | 5 | 5 | - | 15 | - |
| | Wick | 114 | 15.4 | +14 | S | 2 | d0d0 | 41 | 41 | 5 | 5 | - | - | 8 | 5 | 8 | 2 | 15 |
| 16 | Hatston | 45 | 15.1 | +16 | S | 2 | i0 | 41 | 36 | 8 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Sumburgh | 15 | 14.8 | +26 | NW'N | 1 | bc | 40 | 31 | 8 | 5 | - | - | 4 | 4 | - | 30 | - |
| | Sullom Voe | 12 | 19.4 | +22 | - | 0 | c | 37 | 33 | 2 | 8 | - | - | 6 | 3 | 6 | 20 | 40 |
| 17 | Blacksod Point † | 18 | 17.4 | -6 | SSW | 4 | c | 48 | 44 | 7 | 8 | - | - | 6 | 6 | - | 15 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 21.2 | +10 | S'W | 3 | z0 | 46 | 43 | 6 | 5 | - | - | 4 | 4 | 7 | 18 | 25 |
| | Cas. Archdale | 240 | 20.3 | +2 | S | 4 | b | 46 | 41 | 8 | 5 | - | - | 2 | 2 | - | 20 | - |
| 19 | Birr Castle … † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 22.2 | +6 | SW | 3 | b | 41 | 37 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 20 | Foynes † | 3 | 21.1 | +2 | SSE | 2 | b | 43 | 39 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Valentia † | 30 | 20.8 | -2 | SSW | 4 | c | 47 | 37 | 8 | 5 | - | - | 7 | 7 | - | 31 | - |
| | Roches Point † | 22 | 23.1 | -4 | WSW | 3 | b | 45 | 44 | 8 | 5 | - | - | 2 | 2 | - | 15 | - |

## OBSERVATIONS at 06hr. G.M.T. 15th February — 9h. — OBSERVATIONS during NIGHT

| 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) | 9h. State of Ground ‡ 0–9 (33) | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 25.7 | -4 | W | 1 | df | 38 | 38 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 | bcbm0w | offid0 | 37 | 26 | 0.1 |
| Croydon | 26.6 | +2 | WSW | 1 | df | 36 | 36 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 | bz0bm0 | bm0 | 33 | 30 | T- |
| Boscombe Down | 26.0 | -4 | E'N | 1 | f | 35 | 35 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 | bbm0w | bm0pfe | 31 | 27 | 0.11 |
| Thorney Island | 26.2 | 0 | - | 0 | df | 36 | 36 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 | bm0om | fdod0 | 35 | [illegible] | 0.2 |
| Friston | | | | | | | | | | | | | | | | | | | | | | |
| Lympne | 26.4 | -2 | - | 0 | b/f | 37 | 37 | 5 | - | - | - | 0 | 0 | - | - | - | 1 | bm0 wmf | bffwx | 30 | 28 | T- |
| Manston | 26.3 | -2 | WSW | 1 | z0 | 37 | 36 | 5 | - | - | - | 0 | 0 | - | - | - | 1 | bm0 | bm,w | 35 | 31 | - |
| North Weald | 26.3 | -2 | - | 0 | F+ | 34 | 34 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | bz0bm0 | bmbFF. | 33 | 33 | * |
| Felixstowe | 25.3 | -2 | WNW | 3 | z0 | 37 | 37 | 6 | - | - | - | 0 | 0 | - | - | - | 0 | bm0w | bm.w | 38 | 35 | T- |
| Gorleston | 24.9 | +16 | WNW | 2 | z0 | 39 | 36 | 6 | - | - | - | 0 | 0 | - | - | - | 0 | b | bbz0 | 38 | 33 | - |
| Mildenhall | 25.4 | +2 | SW'S | 2 | [illegible] | 37 | 37 | 6 | - | - | - | 0 | 0 | - | - | - | 0 | b | bm0 | 32 | 30 | T- |
| Bircham Newton | 24.9 | +14 | WSW | 2 | z0 | 37 | 36 | 6 | - | 4 | - | 1 | 1 | - | - | - | 1 | bcbm0 | bm0 | 34 | 30 | - |
| Cranwell | 24.4 | -2 | WSW | 3 | z0 | 40 | 29 | 5 | - | - | - | 0 | 0 | - | - | - | 1 | bcm0cm0 | bcm | 39 | 35 | - |
| Cranfield | 25.4 | -2 | WSW | 3 | F | 37 | 37 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 | bm0 | bm.OF | 36 | 31 | 0.2 |
| Honiley | 25.0 | -14 | SW | 3 | bf+ | 35 | 35 | 2 | - | - | - | 0 | 0 | - | - | - | 1 | bm0 | bm. | 32 | 30 | - |
| Little Rissington | 24.9 | -8 | WSW | 3 | m/f | 38 | 38 | 4 | 5 | - | - | 4 | 4 | - | 3 | - | 1 | bcm0b | ombfbcm | 37 | 32 | - |
| Shobden | 25.2 | 0 | S | 1 | b.bc | 39 | 36 | 7 | 5 | - | - | 3 | 3 | - | 20 | - | 1 | cbcb | bccbc | 32 | | - |
| Bristol | 25.5 | -4 | - | 0 | z0 | 40 | 40 | 6 | 5 | - | - | 8 | 8 | - | 7 | - | 1 | cm0 | cm.bm0cm. | 34 | 33 | - |
| Chivenor | 24.6 | -10 | ESE | 3 | bF | 36 | 36 | 1 | - | - | - | 0 | 0 | - | - | - | 1 | bm0 of | ofbFF | 34 | 34 | T- |
| Yeovilton | 25.3 | -6 | - | 0 | bf | 29 | 28 | 2 | - | - | - | 0 | 0 | - | - | - | 0 | bcbm0b | m0bFFb | 26 | [illegible] | - |
| Portland Bill | 25.3 | -4 | ENE | 3 | F | 44 | 42 | 2 | 5 | - | - | 8 | 8 | - | 35 | - | 1 | cof of. | off | 41 | * | - |
| Exeter | 25.1 | -12 | - | 0 | cf+ | 33 | 31 | 2 | 5 | - | - | 7 | 7 | - | 3 | - | 1 | bbm0 | bfof co | 30 | 24 | T- |
| Plymouth | 24.9 | -8 | E | 1 | f | 36 | 36 | 3 | - | - | - | 8 | 9 | - | 0 | - | 1 | bcm0cb | bm0O | 35 | 35 | - |
| St. Eval | 24.0 | -12 | SE | 4 | z0 | 38 | 37 | 6 | - | - | - | 0 | 0 | - | - | - | 1 | bm0w | bff m0w | 36 | 31 | T- |
| The Lizard | 23.4 | -14 | SE | 4 | b.bc | 43 | 42 | 7 | 4 | - | - | 3 | 3 | - | 20 | - | 1 | bcbw | bbcw | 41 | * | - |
| Scilly, St. Marys | 21.9 | -10 | SSE | 4 | b | 45 | 44 | 7 | - | - | - | 0 | 0 | - | - | - | 1 | b | b | 41 | * | T- |
| Fairwood | 24.8 | -6 | S | 4 | cf | 41 | 41 | 3 | 5 | - | - | 8 | 8 | - | 1 | - | 1 | cmw | cm of0 | 39 | 31 | - |
| Pembroke | 23.5 | +10 | SSE | 4 | iF | 43 | 43 | 0 | - | - | - | 9 | 9 | - | 0 | - | 1 | b | bife | 40 | * | T- |
| Aberporth | 23.8 | -8 | S'W | 3 | c | 42 | 40 | 7 | 5 | - | - | 7 | 7 | - | 20 | - | 1 | * | c | [illegible] | 35 | - |
| Penrhos | 23.8 | 0 | SSW | 3 | z0 | 41 | 41 | 6 | 5 | - | - | 8 | 8 | - | 4 | - | 0 | bcm0wb | bcm.wom. | 40 | 33 | - |
| Holyhead, Valley | 23.3 | -2 | S'W | 5 | bc | 42 | 41 | 7 | 5 | - | - | 4 | 4 | - | 6 | - | 0 | bcbcb | bbcb | 39 | 40 | - |
| Hawarden | 24.0 | -2 | SSE | 2 | z0 | 36 | 36 | 5 | - | - | - | 0 | 0 | - | - | - | 0 | bcb | bbm. | 33 | 27 | - |
| Manchester | 23.8 | -2 | S'E | 3 | z0 | 40 | 38 | 6 | - | - | - | 0 | 0 | - | - | - | 1 | cbcb | bbm. | 39 | 31 | - |
| Squires Gate | 23.5 | 0 | SSE | 2 | z0 | 39 | 37 | 6 | - | - | - | 0 | 0 | - | - | - | 0 | cm0 | cbcbm. | 36 | 33 | - |
| Silloth | 22.3 | +4 | SSW | 3 | z0 | 44 | 42 | 6 | 5 | - | - | 8 | 4 | 4 | 24 | 40 | 1 | bcm0i0m0 | cm. | 42 | 37 | - |
| Ashbourne | 25.1 | -4 | W | 1 | bf+ | 35 | 34 | 2 | - | - | - | 0 | 0 | - | - | - | 1 | c,cm0,bm0 | bm0bFF | 31 | 24 | - |
| Snaith | 24.1 | +2 | SSW | 2 | m | 38 | 36 | 4 | 5 | - | - | 2 | 2 | - | 30 | - | 0 | bcm0 | bm0bcm | 37 | 30 | - |
| Spurn Head | 23.2 | 0 | WSW | 3 | z0 | 44 | 42 | 6 | 1 | - | - | 3 | 3 | - | 25 | - | 0 | om0 | bcm. | 39 | * | - |
| Leeming | 22.8 | 0 | SW | 1 | bc | 45 | 42 | 7 | 5 | - | - | 4 | 4 | - | 35 | - | 1 | bc | cbc | 29 | | - |
| Tynemouth | 22.4 | +6 | W | 2 | z0 | 45 | 42 | 6 | 2 | - | - | 3 | 3 | - | 15 | - | 1 | cbcm0 | bcm. | 42 | [illegible] | - |
| Acklington | 21.1 | +6 | SW | 2 | b | 46 | 44 | 8 | 5 | 4 | - | 2 | 1 | 2 | 25 | - | 1 | cbcb | b | 40 | 33 | - |
| St. Abb's Head | 15.6 | +8 | SW | 3 | b.bc | 45 | 43 | 8 | - | 4 | - | 3 | 3 | - | - | - | 0 | bc | b | 42 | * | - |
| Leuchars | 19.0 | +2 | WSW | 3 | z0 | 45 | 44 | 6 | 5 | 4 | - | 3 | 2 | 2 | 25 | - | 1 | cbcm0c | cbcm0bm. | 43 | 39 | - |
| Montrose | 18.9 | 0 | SW | 2 | z0 | 42 | 40 | 6 | 5 | - | - | 2 | 2 | - | 25 | - | 1 | cbcbc | cbcbbcm. | 41 | 33 | - |
| Abbotsinch | 20.0 | 0 | S'W | 2 | c | 44 | 43 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 | cm0c | bccm. | 41 | | - |
| Prestwick | 20.3 | -8 | SE | 2 | z0 | 42 | 40 | 6 | 7 | - | - | 4 | 4 | - | 35 | - | 1 | cdcdcc | cm0bc | 40 | 36 | - |
| West Freugh | 20.5 | -6 | S | 1 | fs | 41 | 40 | 7 | - | - | - | 0 | 0 | - | - | - | 0 | cbcbbcb | b | 40 | 33 | - |
| Eskdalemuir | 21.4 | 0 | S'W | 3 | c | 41 | 40 | 7 | 5 | - | - | 8 | 8 | - | 11 | - | 1 | crw0 | c | 39 | 31 | |
| Jurby, I. of Man | 21.8 | -2 | S | 3 | b | 42 | 39 | 8 | 5 | - | - | 1 | 1 | - | 20 | - | 1 | cbc | bbcb | 41 | 34 | - |
| Machrihanish | 19.3 | -6 | E'S | 2 | b | 41 | 40 | 7 | - | - | - | 0 | 0 | - | - | - | 0 | ldzcbcb | b | 41 | 37 | - |
| Tiree | 17.5 | -2 | S | 4 | b.bc | 45 | 41 | 8 | 5 | - | - | 3 | 3 | - | 25 | - | 1 | cid0c | cbc | 43 | 40 | 0.1 |
| Oban | 18.8 | -4 | - | 0 | bc | 44 | 42 | 8 | 5 | - | - | 4 | 4 | - | 20 | - | 1 | pmdmpm0 | od0d.m0cbc | 41 | * | * |
| Stornoway | 19.8 | +6 | SSW | 6 | cbc | 46 | 42 | 8 | 5 | - | - | 5 | 4 | 5 | 18 | 25 | 1 | cr0r0d0id0 | bcid.ccd | 44 | 40 | 0.4 |
| Cape Wrath | | | | | | | | | | | | | | | | | | | | | * | |
| Dalwhinnie | 18.3 | 0 | N | 1 | b.bc | 37 | 32 | 6 | 7 | - | - | 3 | 3 | - | 30 | - | 1 | * | oid obc | 37 | 21 | [illegible] |
| Aberdeen | 18.2 | +2 | WSW | 1 | bc | 40 | 38 | 7 | 5 | 7 | - | 4 | 3 | 3 | 25 | - | 1 | cfbc | bc | 37 | 30 | - |
| Fraserburgh | 17.8 | +8 | WSW | 1 | z0 | 44 | 42 | 6 | 5 | 7 | - | 5 | 3 | 4 | 15 | - | 1 | ccd0m0 | cd0dbcm. | 39 | [illegible] | 2 |
| Alness | 16.6 | +2 | W | 2 | c.bc | 43 | 41 | 8 | 5 | 1 | - | 5 | 3 | 5 | 30 | - | 1 | cv0r0id0 | om.bcc | 35 | [illegible] | 0.2 |
| Wick | 16.3 | +2 | - | 0 | c | 42 | 42 | 7 | 6 | - | - | 8 | 6 | 8 | 23 | 57 | 1 | becid0 | ccd0d.m.ofc | 38 | 37 | 2 |
| Hatston | 15.7 | 0 | S'W | 3 | c/r | 43 | 41 | 8 | 5 | 1 | - | 7 | 4 | 5 | 6 | 15 | 1 | beep/ | rdr | 36 | * | 2 |
| Sumburgh | 16.7 | +4 | SSW | 2 | c | 41 | 36 | 7 | 5 | - | - | 8 | 8 | - | 24 | - | 1 | cbc | bcc | 32 | 33 | T- |
| Sullom Voe | 16.4 | +14 | SSE | 2 | c | 39 | 39 | 7 | 5 | - | - | 8 | 8 | - | 35 | - | 1 | cbbcc | cbcw | | [illegible] | T- |
| Blacksod Point † | 14.9 | -18 | S | 4 | c | 47 | 35 | 7 | 8 | - | - | 7 | 7 | - | 15 | - | 1 | c | b | | * | - |
| Malin Head † | 16.7 | -8 | S | 3 | b.bc | 43 | 39 | 8 | 8 | - | - | 3 | 3 | - | 25 | - | 1 | | b | 41 | * | - |
| Aldergrove | 20.0 | -6 | S'W | 4 | b | 40 | 38 | 8 | - | - | - | 0 | 0 | - | - | - | 1 | cbcm0 | cm.b | 39 | 34 | - |
| Cas. Archdale | 15.1 | -8 | S | 4 | b.bc | 41 | 36 | 7 | 5 | - | - | 3 | 3 | - | 12 | - | 1 | cbcb | bccbc | 0/s | [illegible] | 0.1 |
| Birr Castle … † | 18.2 | -20 | SSW | 1 | b.bc | 37 | 35 | 8 | - | 4 | - | 3 | 0 | - | - | - | 1 | * | b | 36 | 30 | - |
| Collinstown † | 21.1 | -4 | S'W | 2 | b | 40 | 33 | 6 | - | - | - | 0 | 0 | - | - | - | 1 | b | b | 37 | 25 | - |
| Foynes † | 18.1 | -14 | SE'E | 4 | c | 43 | 39 | 8 | 5 | - | - | 7 | 7 | - | 21 | - | 1 | b | c | 31 | 28 | T- |
| Valentia † | 15.8 | -26 | SSE | 6 | pr. | 47 | 42 | 8 | 3 | - | 3 | 4 | 4 | - | 24 | - | 1 | c | pr | 46 | 41 | T- |
| Roches Point † | 20.0 | -10 | SW | 4 | b.bc | 46 | 42 | 8 | 5 | - | - | 4 | 4 | - | 15 | - | 1 | b | b. | 44 | * | T- |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.

‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

**CONFIDENTIAL**

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

Friday 16th February 1945

No. 30402

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

| 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 ... | 26·1 | -2 | SE | 1 | f | 39 | 38 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Croydon ... | 26·6 | -4 | – | 0 | bbf | 40 | 38 | 1 | – | – | 1 | 3 | – | 3 | – | – |
| | Boscombe Down | 25·4 | -6 | SE | 2 | F | 37 | 37 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Thorney Island | 25·6 | -4 | SSE | 2 | c/f | 40 | 40 | 5 | 6 | – | – | 8 | 8 | – | 5 | – |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 26·7 | -2 | S | 1 | F | 39 | 39 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Manston ... | 26·5 | -2 | S | 2 | F+ | 41 | 41 | 1 | 5 | – | – | 9 | 9 | – | – | – |
| 2 | North Weald | 26·5 | -2 | S | 1 | F- | 37 | 37 | 0 | – | – | – | 9 | 9 | – | 0 | – |
| | Felixstowe ... | 25·8 | -2 | S | 1 | m | 47 | 43 | 4 | – | – | 2 | 3 | 3 | – | – | – |
| | Gorleston ... | 25·5 | +4 | SE | 1 | Zo | 46 | 44 | 6 | – | 4 | – | 3 | 3 | – | 100 | – |
| | Mildenhall | 25·8 | +2 | SW | 1 | f | 39 | 39 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Bircham Newton | 25·9 | +12 | – | 0 | Zo | 46 | 41 | 5 | – | – | 5 | 3 | 3 | – | – | – |
| | Cranwell ... | 24·5 | -2 | SW | 3 | Zo | 48 | 42 | 5 | 2 | – | 6 | 4 | 1 | 4 | 30 | – |
| 3 | Cranfield ... | 25·8 | 0 | SW | 1 | m/f | 40 | 38 | 4 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Honiley ... | 25·0 | 0 | S | 3 | f- | 39 | 39 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| 4 | Little Rissington | 25·0 | -2 | SSE | 2 | f- | 38 | 38 | 3 | – | – | – | 9 | 9 | – | 0 | – |
| | Shobden ... | 24·6 | -6 | – | 2 | m | 37 | 37 | 4 | 5 | – | – | 8 | 4 | 8 | 3 | 15 |
| 5 | Bristol ... | 25·2 | -4 | SE | 2 | m | 40 | 39 | 4 | 5 | – | – | 8 | 5 | – | 3 | – |
| | Chivenor ... | 23·4 | -10 | SE'E | 4 | bc | 43 | 38 | 8 | 5 | – | 1 | 4 | 4 | 3 | 10 | – |
| | Yeovilton | 25·5 | +2 | SE | 1 | Zo | 37 | 37 | 5 | – | – | – | 8 | 8 | – | 8 | – |
| | Portland Bill | 24·8 | -2 | SE | 3 | o | 43 | 41 | 7 | 5 | – | – | 8 | 8 | – | 45 | – |
| | Exeter ... | 24·7 | -4 | SE | 2 | c | 42 | 39 | 8 | 5 | – | – | 7 | 7 | – | 6 | – |
| | Plymouth ... | 23·4 | -10 | E'S | 2 | bbc | 47 | 40 | 8 | 1 | 4 | 6 | 3 | 3 | 2 | 15 | – |
| | St. Eval ... | 22·3 | 0 | SE'S | 6 | ebc | 45 | 41 | 7 | 5 | – | 1 | 5 | 4 | 4 | 8 | – |
| | The Lizard | 22·0 | -4 | SE | 4 | bc | 48 | 45 | 8 | 7 | – | – | 4 | 4 | – | 25 | – |
| | Scilly, St. Marys | 20·8 | -6 | SE | 4 | c | 48 | 46 | 8 | 5 | – | – | 8 | 7 | – | 18 | – |
| 6 | Fairwood ... | 23·6 | -10 | SSE | 3 | Zo | 40 | 38 | 5 | 5 | – | 1 | 7 | 4 | 5 | 6 | – |
| | Pembroke ... | 22·5 | -10 | SE | 5 | bc | 42 | 40 | 7 | 8 | 4 | – | 4 | 3 | – | 28 | – |
| | Aberporth ... | 22·4 | -12 | S'E | 4 | ebc | 46 | 37 | 7 | 5 | – | 8 | 5 | 1 | 5 | 10 | – |
| 7 | Penrhos ... | 22·4 | -6 | SE | 4 | bbc | 46 | 40 | 7 | 5 | – | 1 | 3 | 2 | 2 | 25 | – |
| | Holyhead, Valley | 22·5 | -6 | S'E | 5 | bc | 46 | 40 | 8 | – | – | 6 | 4 | – | 4 | – | – |
| | Hawarden ... | 23·0 | -10 | SSE | 4 | bbc | 47 | 38 | 6 | – | – | 2 | 3 | 3 | – | – | – |
| | | 23·5 | -6 | SSE | 3 | Zo | 46 | 39 | 5 | 1 | – | 1 | 4 | 4 | 1 | 30 | – |
| 8 | Manchester | 22·7 | -8 | SSE | 3 | m | 48 | 41 | 4 | – | – | 5 | 1 | – | – | – | – |
| | Squires Gate | 22·4 | -2 | SSW | 4 | ebc | 44 | 39 | 8 | 8 | – | 6 | 5 | 2 | 2 | 10 | 25 |
| | Silloth ... | | | | | | | | | | | | | | | | |
| 9 | Ashbourne ... | 24·5 | -8 | SE | 2 | Zo | 43 | 41 | 5 | 5 | – | 1 | 3 | 2 | 3 | 6 | 15 |
| | Snaith ... | 24·1 | -12 | SSE | 2 | m/f | 48 | 43 | 4 | 5 | – | – | 3 | 3 | – | 60 | – |
| 10 | Spurn Head | 24·8 | +2 | S | 1 | bbc | 47 | 43 | 7 | 7 | – | – | 3 | 3 | – | – | – |
| | Leeming | 23·0 | -4 | – | 0 | bc | 48 | 41 | 7 | 5 | – | 1 | 4 | 3 | 3 | 25 | – |
| | Tynemouth | 23·1 | +4 | SSW | 3 | Zo | 50 | 43 | 5 | 5 | 2 | 2 | 4 | 3 | 2 | 18 | – |
| | Acklington | 22·1 | +2 | SW | 3 | Zo | 50 | 41 | 6 | 1 | – | 5 | 4 | 2 | 3 | 30 | – |
| 11 | St. Abb's Head | 18·5 | -14 | SE | 5 | c | 46 | 39 | 8 | 4 | 4 | 5 | 8 | 2 | 2 | 30 | – |
| | Leuchars ... | 18·8 | -6 | SW | 3 | bc | 49 | 42 | 7 | 2 | – | 2 | 4 | 3 | 4 | 30 | – |
| | Montrose ... | 20·0 | +2 | SW | 4 | Zo | 49 | 41 | 6 | 5 | – | – | 3 | 3 | – | 18 | – |
| 12 | Abbotsinch | 20·4 | 0 | SW | 3 | ebc | 47 | 41 | 7 | 2 | – | 2 | 5 | 4 | 3 | 20 | – |
| | Prestwick ... | 20·9 | -2 | S'E | 4 | ebc | 47 | 37 | 8 | 1 | 3 | 5 | 5 | 3 | 3 | 20 | – |
| | West Freugh | 20·0 | 0 | S | 4 | c | 45 | 39 | 8 | 5 | – | – | 6 | 6 | – | 20 | – |
| | Eskdalemuir | 22·0 | -2 | S | 3 | ebc | 42 | 38 | 7 | – | – | – | 5 | 5 | – | 16 | – |
| | Jurby, I. of Man | 21·3 | -6 | SW | 5 | bbc | 45 | 39 | 8 | 7 | – | 5 | 3 | 2 | 3 | 15 | – |
| 13A | Machrihanish | 19·7 | -4 | SSE | 4 | ebc | 45 | 40 | 8 | 7 | – | – | 5 | 3 | 5 | 14 | 25 |
| | Tiree ... | 16·5 | -6 | SSE | 6 | bbc | 44 | 39 | 8 | 1 | – | 1 | 3 | 3 | 1 | 15 | – |
| | Oban ... | 13·4 | +6 | S | 1 | bbc | 44 | 39 | 8 | 7 | – | – | 3 | 2 | 2 | 20 | – |
| 13B | Stornoway ... | 13·2 | -12 | SSW | 8 | bc | 44 | 37 | 8 | 5 | – | – | 4 | 4 | 4 | 15 | 25 |
| | Cape Wrath | 12·5 | 0 | SW | 4 | ebc | 46 | 42 | 9 | 2 | 3 | – | 5 | 4 | – | 25 | – |
| 15 | Dalwhinnie | 18·0 | +2 | S | 4 | b | 43 | 35 | 8 | 1 | – | 5 | 2 | 1 | 2 | 23 | – |
| | Aberdeen ... | 18·6 | 0 | SSW | 3 | bc | 49 | 41 | 8 | 5 | – | 8 | 4 | 1 | 4 | 25 | – |
| | Fraserburgh | 18·6 | -4 | SE | 1 | Zo | 45 | 43 | 6 | 5 | – | 2 | 5 | 1 | 6 | 40 | – |
| | Alness ... | 16·4 | -10 | NW | 2 | bbc | 51 | 40 | 9 | – | – | 2 | 3 | 3 | – | 8 | – |
| | Wick ... | 17·2 | -2 | S | 3 | bc | 47 | 40 | 9 | – | 4 | 2 | 4 | 1 | 4 | – | – |
| 16 | Hatston ... | 16·9 | -2 | SSE | 3 | ebc | 48 | 44 | 8 | 5 | – | 8 | 5 | 1 | 5 | 6 | – |
| | Sumburgh ... | 17·8 | +6 | S | 3 | m | 44 | 44 | 4 | 5 | – | – | 7 | 4 | 7 | 1 | 15 |
| | Sullom Voe | 17·5 | +6 | S | 3 | c/d | 45 | 45 | 6 | 6 | – | – | 8 | 3 | 8 | 8 | 8 |
| 17 | Blacksod Point† | 11·1 | -22 | S | 6 | ie | 49 | 45 | 7 | 6 | – | – | 7 | 7 | – | 15 | – |
| 18 | Malin Head † | 13·1 | -30 | S | 7 | ebc | 44 | 37 | 8 | 5 | – | 9 | 5 | 4 | – | 15 | – |
| | Aldergrove | 19·2 | -6 | SSE | 4 | bc | 46 | 39 | 7 | 2 | – | 8 | 4 | 1 | 4 | 20 | – |
| | Cas. Archdale | 17·7 | -10 | SSE | 2 | c | 43 | 38 | 8 | 5 | – | – | 6 | 4 | 5 | 14 | 25 |
| 19 | Birr Castle ... † | 15·6 | -18 | SSW | 3 | c | 48 | 41 | 8 | 5 | 2 | – | 8 | 5 | – | 25 | – |
| | Collinstown † | 19·1 | -12 | SE'S | 4 | bbc | 46 | 39 | 8 | 2 | 4 | 9 | 3 | 2 | – | 23 | – |
| 20 | Foynes ... † | 14·8 | -14 | SSE | 5 | c/r | 49 | 45 | 8 | 5 | – | 1 | 7 | 7 | – | 22 | – |
| | Valentia ... † | 13·3 | -14 | SSE | 7 | c | 50 | 43 | 8 | 5 | – | – | 7 | 7 | – | 32 | – |
| | Roches Point † | 17·8 | -10 | S | 6 | c | 47 | 43 | 8 | 5 | – | – | 6 | 6 | – | 15 | – |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 24·0 | -4 | SSE | 1 | m | 41 | 39 | 4 | 5 | – | – | 8 | 8 | – | 25 | – | 1 |
| Croydon ... | 24·5 | -4 | S | 2 | cf | 40 | 38 | 3 | 5 | – | 2 | 8 | 4 | 8 | 45 | – | 0 |
| Boscombe Down | 23·1 | -10 | E'S | 2 | Zo | 39 | 38 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 0 |
| Thorney Island | 22·8 | -14 | E'N | 3 | cf- | 39 | 38 | 3 | 5 | – | – | 8 | 8 | – | 2 | – | 1 |
| Friston ... | | | | | | | | | | | | | | | | | |
| Lympne ... | 25·0 | -4 | – | 0 | F | 37 | 37 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Manston ... | 24·9 | -8 | SE | 3 | F | 37 | 37 | 0 | 5 | – | – | 8 | 8 | – | – | – | 1 |
| North Weald | 24·1 | -8 | – | 0 | F | 35 | 35 | 0 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Felixstowe ... | 24·9 | -2 | SSE | 2 | F- | 38 | 38 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Gorleston ... | 24·9 | +2 | E'S | 3 | bcF+ | 38 | 33 | 1 | 5 | – | – | 4 | 4 | – | 1 | – | 1 |
| Mildenhall | 24·0 | -4 | SE | 1 | F | 40 | 40 | 0 | – | – | – | 9 | 9 | – | 0 | – | 0 |
| Bircham Newton | 23·8 | -6 | S | 1 | F | 46 | 40 | 1 | – | – | – | 9 | 9 | – | 0 | – | 0 |
| Cranwell ... | 23·2 | -10 | SW | 2 | m | 40 | 40 | 4 | 5 | – | 2 | 5 | 5 | 4 | 3 | – | 1 |
| Cranfield ... | 23·5 | -6 | E'S | 2 | m | 39 | 38 | 4 | – | 4 | 2 | 4 | 3 | 4 | 100 | – | 1 |
| Honiley ... | 22·3 | -12 | SSE | 4 | Zo | 40 | 39 | 6 | 5 | – | – | 7 | 5 | 7 | 10 | 15 | 1 |
| Little Rissington | 21·8 | -14 | SE | 2 | m | 38 | 38 | 4 | 5 | – | – | 7 | 7 | – | 4 | – | 1 |
| Shobden ... | 22·1 | -2 | SE | 3 | Zo | 39 | 37 | 5 | 4 | 4 | 2 | 5 | 2 | 4 | 20 | – | 1 |
| Bristol ... | 22·7 | -10 | – | 0 | Zo | 38 | 37 | 6 | 5 | 3 | 5 | 4 | 1 | 2 | 9 | 15 | 1 |
| Chivenor ... | 20·7 | -8 | SE | 3 | bbc | 42 | 37 | 8 | – | 4 | 1 | 3 | 3 | 1 | – | – | 1 |
| Yeovilton | 22·0 | -14 | ESE | 3 | Zo | 36 | 33 | 6 | 5 | – | 8 | 3 | 3 | 2 | 25 | 72 | 0 |
| Portland Bill | 21·9 | -20 | SE | 4 | c | 43 | 41 | 7 | 5 | – | – | 8 | 8 | – | 50 | – | 1 |
| Exeter ... | 21·6 | -10 | SE | 4 | ebc | 41 | 39 | 7 | 5 | – | 9 | 5 | 3 | 4 | 15 | 15 | 1 |
| Plymouth ... | 20·9 | -8 | SE | 2 | bbc | 43 | 40 | 7 | 1 | 4 | – | 3 | 2 | 1 | 25 | – | 0 |
| St. Eval ... | 19·9 | -6 | SE'S | 4 | b | 43 | 40 | 9 | – | 4 | – | 2 | 2 | – | – | – | 1 |
| The Lizard | 19·6 | -2 | SE | 4 | bc | 48 | 43 | 8 | 5 | – | – | 4 | 4 | – | 20 | – | 0 |
| Scilly, St. Marys | 18·6 | -2 | SE | 4 | bbc | 47 | 45 | 8 | 5 | 4 | – | 3 | 2 | 2 | 20 | – | 1 |
| Fairwood ... | 21·4 | -6 | ESE | 4 | Zo | 40 | 38 | 5 | 5 | – | 1 | 2 | 1 | 2 | 20 | – | 1 |
| Pembroke ... | 19·8 | -14 | ESE | 5 | bbc | 43 | 41 | 7 | 2 | – | – | 3 | 3 | – | 25 | – | 1 |
| Aberporth ... | 19·9 | -8 | SE | 4 | bbc | 41 | 35 | 7 | – | 7 | 2 | 3 | 2 | – | – | – | 1 |
| Penrhos ... | 19·9 | -6 | SE | 3 | bbc | 44 | 34 | 8 | 4 | 3 | – | 3 | 2 | 2 | 30 | – | 0 |
| Holyhead, Valley | 20·1 | -8 | SSE | 4 | bbc | 45 | 36 | 8 | 5 | – | 5 | 3 | 2 | 3 | 25 | – | 0 |
| Hawarden ... | 21·1 | -10 | SE | 2 | Zo | 41 | 39 | 5 | – | 3 | – | 3 | – | 3 | – | – | 1 |
| | 21·7 | -12 | SSE | 3 | m | 40 | 35 | 4 | – | 4 | – | 3 | 3 | – | 150 | – | 1 |
| Manchester | 20·7 | -6 | SSE | 4 | Zo | 40 | 39 | 5 | 5 | – | 1 | 2 | 2 | 1 | 40 | – | 0 |
| Squires Gate | 20·0 | -10 | NE | 1 | Zo | 37 | 36 | 5 | – | – | 7 | 5 | 5 | – | – | – | 0 |
| Silloth ... | | | | | | | | | | | | | | | | | |
| Ashbourne ... | 23·0 | -12 | S | 2 | m | 39 | 37 | 4 | 5 | – | – | 6 | 4 | 6 | 3 | 15 | 1 |
| Snaith ... | 22·9 | -2 | SSW | 4 | bbf | 40 | 38 | 3 | – | – | 2 | 3 | 3 | – | 200 | – | 0 |
| Spurn Head | 23·0 | -8 | SW | 4 | f+ | 40 | 40 | 1 | – | – | – | 9 | 9 | – | 0 | – | 0 |
| Leeming | 20·8 | -14 | SE | 1 | m | 44 | 41 | 4 | – | – | – | 0 | 0 | 0 | – | – | 1 |
| Tynemouth | 21·4 | -4 | SSW | 3 | m | 45 | 42 | 4 | 5 | – | – | 4 | 4 | – | 15 | – | 1 |
| Acklington | 20·3 | -6 | S | 1 | Zo | 43 | 39 | 6 | – | – | 1 | 4 | 4 | – | – | – | 1 |
| St. Abb's Head | 19·3 | -4 | SSW | 2 | bbc | 43 | 38 | 8 | 4 | 4 | – | 3 | 1 | 3 | 30 | – | 0 |
| Leuchars ... | 18·6 | -8 | – | 0 | ebc | 43 | 38 | 7 | – | – | 8 | 5 | 5 | – | – | – | 1 |
| Montrose ... | 19·4 | +2 | SW | 2 | Zo | 42 | 42 | 5 | – | – | 2 | 6 | 6 | – | – | – | 1 |
| Abbotsinch | 18·3 | -6 | SSE | 1 | bc | 42 | 38 | 7 | 5 | 4 | – | 4 | 3 | 2 | 20 | – | 1 |
| Prestwick ... | 17·9 | -14 | SSE | 2 | bbc | 43 | 32 | 8 | – | 4 | 1 | 3 | 3 | 1 | 80 | – | 1 |
| West Freugh | 18·6 | -10 | SSE | 4 | b | 42 | 39 | 8 | 5 | – | – | 1 | 1 | 1 | 25 | – | 0 |
| Eskdalemuir | 20·0 | -4 | – | 0 | bc | 36 | 33 | 8 | 7 | – | – | 4 | 4 | – | 21 | – | 1 |
| Jurby, I. of Man | 19·4 | -6 | SE'E | 1 | b | 41 | 35 | 7 | 5 | 7 | 1 | 2 | 1 | 2 | 20 | – | 0 |
| Machrihanish | 15·7 | -16 | SE | 6 | ebc | 44 | 41 | 7 | 5 | + | – | 5 | 4 | 5 | 6 | 15 | 0 |
| Tiree ... | 13·7 | -14 | SE | 6 | c | 44 | 39 | 8 | 5 | – | – | 8 | 5 | 8 | 25 | 40 | 0 |
| Oban ... | 15·6 | -8 | ESE | 4 | bc | 41 | 36 | 8 | 7 | 7 | 2 | 4 | 3 | 3 | 20 | 40 | 1 |
| Stornoway ... | 11·7 | -6 | SE | 9 | c | 45 | 37 | 8 | 5 | – | – | 6 | 3 | 6 | 25 | 40 | 0 |
| Cape Wrath | 13·5 | -14 | NNW | 3 | bc | 42 | 40 | 9 | 5 | 3 | – | 4 | 4 | – | 40 | – | 0 |
| Dalwhinnie | 16·3 | -6 | W | 4 | bbc | 38 | 27 | 8 | 1 | – | 1 | 3 | 1 | 3 | 25 | – | 0 |
| Aberdeen ... | 18·5 | +2 | SW | 1 | Zo | 43 | 37 | 5 | 5 | – | 8 | 4 | 1 | 4 | 40 | – | 1 |
| Fraserburgh | 17·4 | +6 | S | 5 | Zo | 41 | 38 | 6 | 5 | – | 2 | 4 | 2 | 3 | 15 | – | 0 |
| Alness ... | 14·9 | -10 | SSW | 3 | bc | 45 | 35 | 8 | 5 | 4 | 2 | 4 | 1 | 1 | 35 | – | 1 |
| Wick ... | 14·6 | -18 | S | 2 | bbc | 42 | 39 | 8 | – | 4 | 9 | 3 | 2 | 3 | – | – | 1 |
| Hatston ... | 14·8 | -10 | SW | 4 | bbc | 43 | 41 | 7 | 5 | 4 | 2 | 3 | 3 | 2 | 6 | – | * |
| Sumburgh ... | 16·5 | -6 | SSE | 3 | bbc | 45 | 43 | 8 | 5 | – | 5 | 3 | 1 | 3 | 10 | – | 0 |
| Sullom Voe | 16·8 | -6 | SE'E | 3 | ebc | 44 | 43 | 6 | 5 | – | 6 | 5 | 2 | 5 | 6 | 8 | 0 |
| Blacksod Point† | 16·9 | -22 | S | 8 | c | 52 | 41 | 7 | 6 | – | – | 8 | 8 | – | 15 | – | 1 |
| Malin Head † | 11·9 | -16 | S | 7 | c | 47 | 40 | 8 | 5 | – | – | 8 | 8 | – | 15 | – | 2 |
| Aldergrove | 13·3 | +8 | SSW | 3 | c | 48 | 45 | 7 | 5 | – | 2 | 7 | 5 | 5 | 10 | 40 | 1 |
| Cas. Archdale | 14·5 | +10 | SSE | 5 | c | 46 | 41 | 8 | 5 | 7 | – | 8 | 5 | 6 | 15 | 25 | 1 |
| Birr Castle ... † | 13·7 | -8 | SSW | 2 | c | 47 | 43 | 8 | 8 | 2 | – | 8 | 5 | – | 15 | – | 1 |
| Collinstown † | 16·8 | -6 | S | 4 | c | 43 | 39 | 7 | 5 | – | – | 6 | 6 | – | 23 | – | 1 |
| Foynes ... † | 12·2 | -10 | SE | 5 | c/r | 40 | 45 | 8 | 5 | 7 | 6 | 7 | 4 | – | 18 | – | 1 |
| Valentia ... † | 10·1 | -10 | S | 6 | r/o | 49 | 45 | 7 | 5 | 2 | – | 8 | 5 | – | 17 | – | 1 |
| Roches Point † | 14·6 | -12 | S | 6 | c | 47 | 45 | 8 | 5 | 7 | – | 8 | 4 | – | 15 | – | 1 |

## OBSERVATIONS during DAY

| Stations | Weather. 06h.-12h. (34) | Weather. 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|
| Kew ... | ido Fe fw | offcmw | 42 | 0·1 | Tr |
| Croydon ... | ofbf | c2ofc | 48 | 2·7 | – |
| Boscombe Down | ofe | cmo | 40 | 0·0 | – |
| Thorney Island | ododofof | bmof | 41 | * | Tr |
| Friston ... | | | | | |
| Lympne ... | oidoFF | oidoFF | 40 | 0·0 | Tr |
| Manston ... | bcomoxfe | ofcmoof | 43 | 2·6 | – |
| North Weald | OFF | OFOF | 43 | * | Tr |
| Felixstowe ... | cmbcm | bmof | 48 | 6·4 | Tr |
| Gorleston ... | bc2o | bc2off | 49 | 7·9 | – |
| Mildenhall | bmwofe | pfe | 42 | 0·0 | Tr |
| Bircham Newton | bmbmo | bcmocfof | 48 | 3·5 | – |
| Cranwell ... | bbcmo | b2obmcm | 51 | 7·4 | – |
| Cranfield ... | offm | bmmo | 43 | * | – |
| Honiley ... | ofofe | | 42 | 0·0 | – |
| Little Rissington | ofof | cmocm | 43 | * | – |
| Shobden ... | bcffe | cmbcmo | 46 | * | – |
| Bristol ... | cmoofcm | cmobc2ocmo | 44 | 3·8 | – |
| Chivenor ... | Fofcbc | bcbbc | 48 | 6·4 | – |
| Yeovilton | c | cbc2 | 45 | * | – |
| Portland Bill | off | c | 44 | * | – |
| Exeter ... | cmcmoc | dcc | 44 | 1·8 | – |
| Plymouth ... | ofcbc | bc | 51 | 7·8 | – |
| St. Eval ... | bmowbc | bcb | 48 | 8·7 | – |
| The Lizard | bccbc | bc | 57 | 8·6 | – |
| Scilly, St. Marys | c | bc | 50 | 5·0 | – |
| Fairwood ... | ofcmo | cbccmo | 43 | * | – |
| Pembroke ... | cjfbcbc | cbc | 44 | 7·9 | – |
| Aberporth ... | cbc | bcebc | 49 | 7·6 | – |
| Penrhos ... | bcwbc | bbc | 48 | 8·8 | Tr |
| Holyhead, Valley | cbc | bc | 48 | * | – |
| Hawarden ... | bcmbcmo | bcmo | 50 | 6·9 | – |
| | bbcmo2o | bfbcm | 48 | | – |
| Manchester | bcmf | b2obcbmo | 49 | * | – |
| Squires Gate | bcc | ccmo | 45 | * | – |
| Silloth ... | | | | | |
| Ashbourne ... | bffbmo | bcmoffcm | 43 | * | – |
| Snaith ... | bcfbm | bf2omsf | 49 | 4·7 | – |
| Spurn Head | bcmo | E | 52 | 7·8 | – |
| Leeming | bc | bcmo | 50 | 5·6 | – |
| Tynemouth | bcffmo | bcm | 52 | | – |
| Acklington | cbc2o | bc2oc2o | 53 | * | – |
| St. Abb's Head | bbcbbc | bcb | 50 | * | – |
| Leuchars ... | bmobcmo | c | 50 | 4·0 | – |
| Montrose ... | bmoc2o | bcmo | 49 | 4·2 | – |
| Abbotsinch | bcmobc | bc | 49 | 6·5 | – |
| Prestwick ... | bcmobc | c | 48 | * | – |
| West Freugh | bcwc | cbcb | 49 | * | – |
| Eskdalemuir | cofc | cbc | 47 | 3·7 | Tr |
| Jurby, I. of Man | bbc | bcb | 48 | * | – |
| Machrihanish | bcc | c | 45 | * | – |
| Tiree ... | bc | bcc | 46 | | – |
| Oban ... | bcb | bbccbc | 45 | * | – |
| Stornoway ... | c | bcbbc | 47 | | – |
| Cape Wrath | c | bc | 46 | * | – |
| Dalwhinnie | bc | bccbc | 44 | 7·4 | – |
| Aberdeen ... | bccfbx | bcbcmo | 51 | 5·8 | – |
| Fraserburgh | ccmo | cmobmo | 53 | * | – |
| Alness ... | bc | bcbybc | 53 | 7·6 | – |
| Wick ... | cbc | bcb | 48 | 6·8 | – |
| Hatston ... | dmoc | cbc | 49 | * | – |
| Sumburgh ... | ddmomc | cmcbc | 47 | 0·0 | Tr |
| Sullom Voe | dodocmo | cjfc | 48 | * | Tr |
| Blacksod Point† | r | c | 53 | * | Tr |
| Malin Head † | bc | c | 48 | 3·7 | – |
| Aldergrove | bc | idomoc | 48 | 7·7 | – |
| Cas. Archdale | bcc | c | 49 | * | 0·1 |
| Birr Castle ... † | c | c | 50 | 1·4 | – |
| Collinstown † | bc | br | 48 | 8·0 | – |
| Foynes ... † | r | r | 50 | 0·0 | Tr |
| Valentia ... † | c | r | 50 | 0·0 | 3 |
| Roches Point † | c | c | 48 | * | Tr |

* Information not usually received.

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.

‡ See footnote p. 4.

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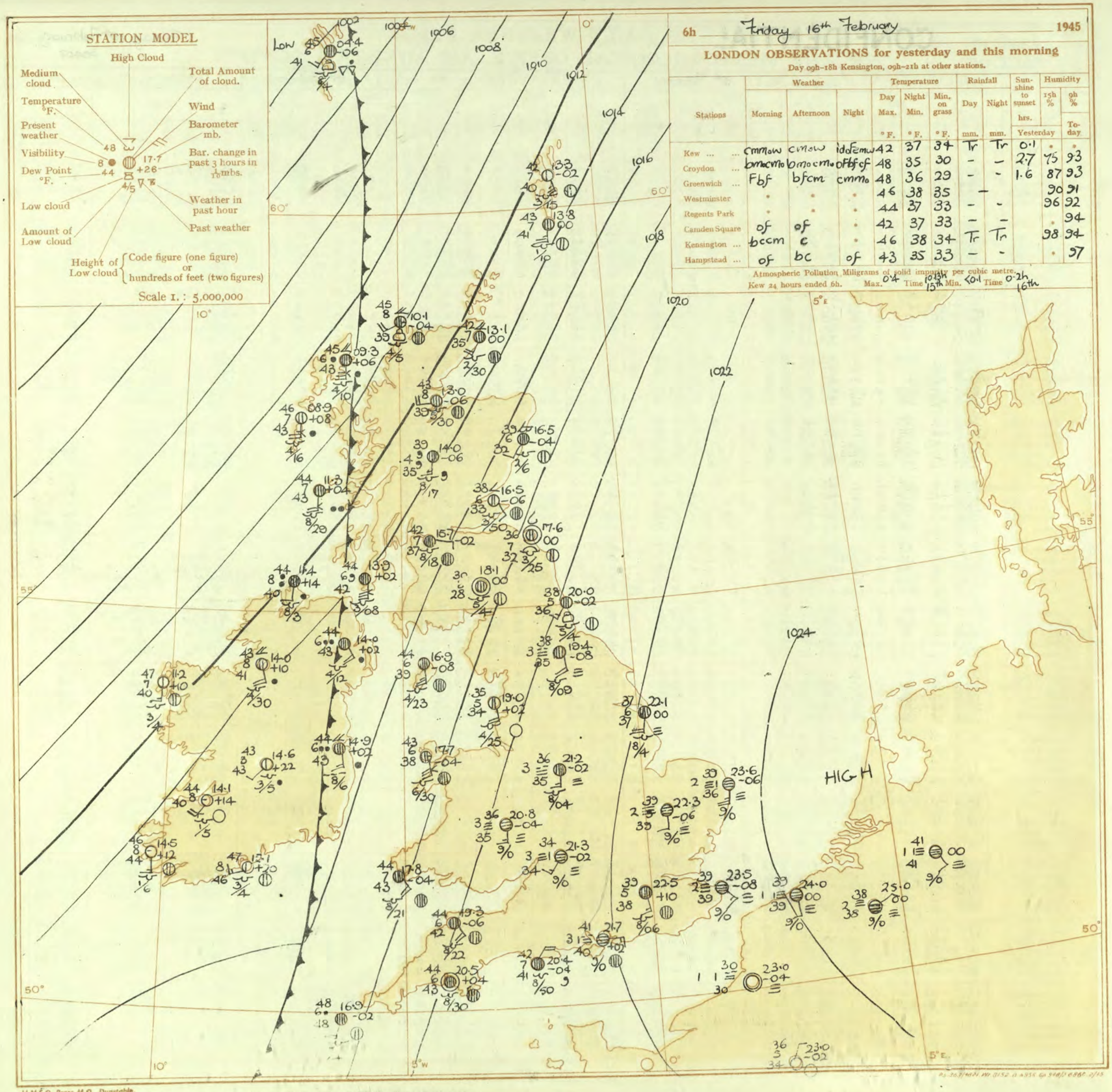



6h Friday 16th February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | cmmow | cmow | idofemw | 42 | 37 | 34 | Tr | Tr | 0·1 | • | • |
| Croydon ... | bmocmo | bmocmo | ofbfcf | 48 | 35 | 30 | – | – | 2·7 | 75 | 93 |
| Greenwich ... | Fbf | bfcm | cmmo | 48 | 36 | 29 | – | – | 1·6 | 87 | 93 |
| Westminster | • | • | • | 46 | 38 | 35 | – | | | 90 | 91 |
| Regents Park | • | • | • | 44 | 37 | 33 | – | – | | 96 | 92 |
| Camden Square | of | of | • | 42 | 37 | 33 | – | – | | • | 94 |
| Kensington ... | bccm | c | • | 46 | 38 | 34 | Tr | Tr | | 98 | 94 |
| Hampstead ... | of | bc | of | 43 | 35 | 33 | – | – | | • | 97 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·4 Time 10·45h 15th Min. <0·1 Time 0·2h 16th

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

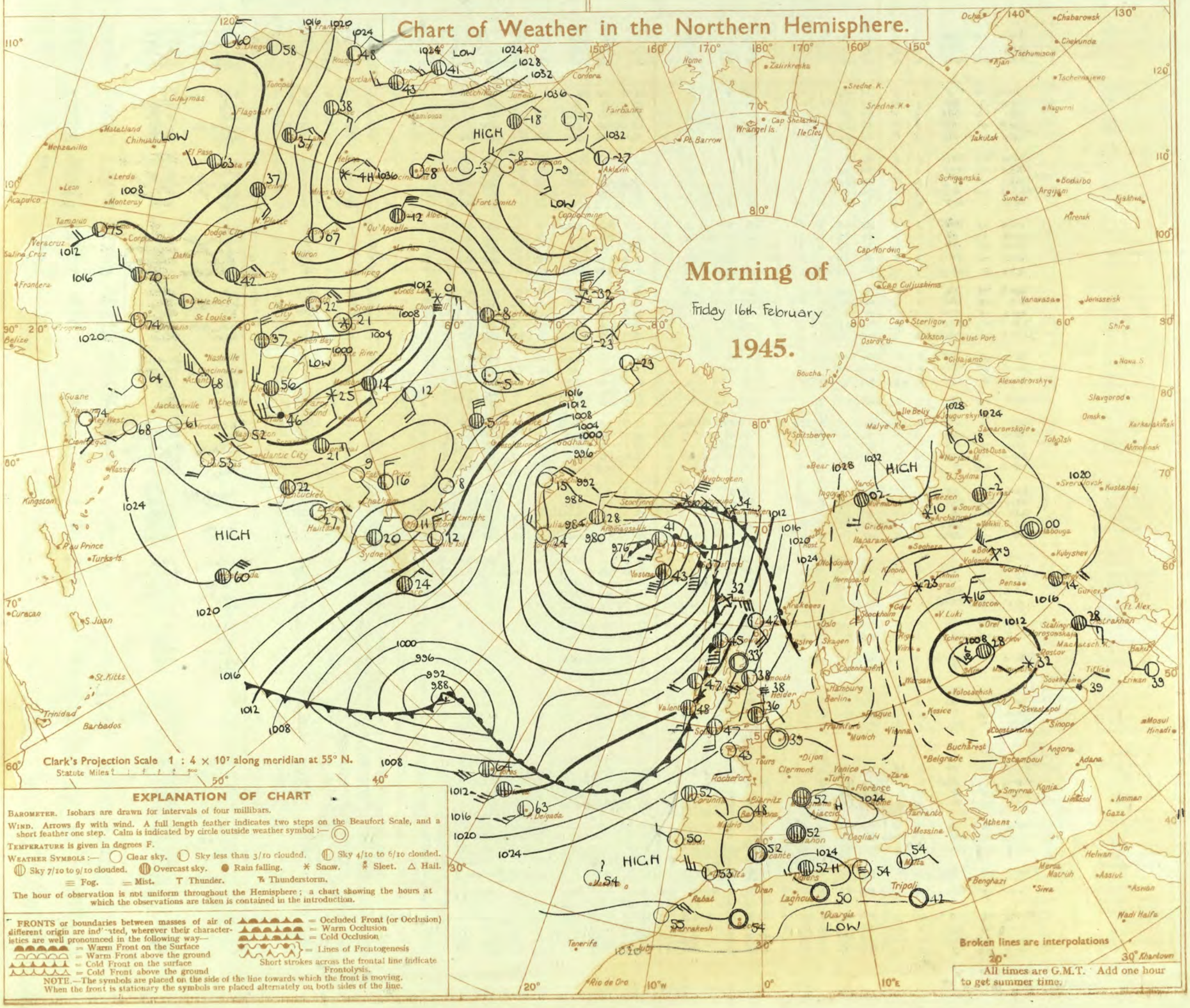
## GENERAL INFERENCE

Pressure remains high on the Continent while depressions continue to move northeast well to northwest of the British Isles. There will be very low cloud over a large part of England with local drizzle, and in northwestern districts there will be a temporary improvement, but strong winds and rain will be renewed to-morrow.

## FURTHER OUTLOOK

A mild south to southwest type for some days; rainfall slight in the southeastern area.

# 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.

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.

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 16th February 1945

No. 30402.

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

| 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 | | * | * | * | * | 38 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 24·0 | +4 | ESE | 2 | 2o | 36 | 35 | 6 | – | – | 1 | 5 | 5 | – | 280 | – |
| | Boscombe Down | 417 | 22·6 | 0 | SE'E | 3 | 2o | 37 | 37 | 5 | 5 | – | – | 8 | 8 | – | 8 | – |
| | Thorney Island | 10 | 22·7 | +2 | E'S | 3 | m | 41 | 39 | 4 | 5 | – | – | 8 | 8 | – | 7 | – |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 24·6 | –4 | E | 3 | F | 38 | 37 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Manston ... | 140 | 24·4 | –2 | SE | 3 | F | 39 | 39 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| 2 | North Weald | 244 | 24·1 | –2 | SSE | 2 | F | 35 | 35 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Felixstowe ... | 10 | 24·8 | 0 | SE | 3 | F- | 39 | 39 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Gorleston ... | 5 | 25·1 | +6 | SSE | 3 | F- | 37 | 36 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Mildenhall | 15 | 23·9 | +2 | SSE | 3 | f | 36 | 36 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Bircham Newton | 221 | 23·7 | –2 | SSE | 3 | F | 34 | 34 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Cranwell ... | 203 | 23·3 | 0 | S'E | 2 | F | 38 | 38 | 1 | – | – | – | 9 | 9 | – | | |
| 3 | Cranfield ... | 340 | 23·3 | +2 | SSW | 3 | F- | 38 | 37 | 1 | – | – | – | 9 | 9 | – | c | |
| | Honiley ... | 427 | 22·0 | 0 | SSE | 4 | m | 37 | 37 | 4 | 5 | – | – | 8 | 8 | – | 5 | – |
| 4 | Little Rissington | 731 | 22·2 | +6 | SSE | 3 | f | 35 | 35 | 3 | 5 | – | – | 8 | 8 | – | 1 | – |
| | Shobden ... | 318 | 22·5 | +2 | SE | 3 | c-f+ | 36 | 35 | 3 | 5 | – | – | 8 | 8 | – | 5 | – |
| 5 | Bristol ... | 209 | 22·5 | 0 | SE | 3 | 2o | 36 | 36 | 5 | 5 | – | – | 8 | 8 | – | 6 | – |
| | Chivenor ... | 20 | 20·3 | +2 | ESE | 3 | b | 41 | 38 | 7 | 5 | – | – | 2 | 2 | – | 9 | – |
| | Yeovilton | 50 | 21·6 | 0 | SE'E | 3 | 2o | 39 | 38 | 6 | 5 | – | – | 7 | 7 | – | 5 | – |
| | Portland Bill | 32 | 20·8 | –4 | NE | 4 | o | 41 | 39 | 7 | 5 | – | – | 8 | 8 | – | 50 | – |
| | Exeter ... | 100 | 21·1 | –6 | SE | 2 | 2o | 42 | 40 | 6 | 5 | – | – | 3 | 3 | – | 8 | – |
| | Plymouth ... | 86 | 20·2 | –6 | SE | 2 | b | 41 | 41 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | St. Eval ... | 345 | 19·5 | +2 | S'E | 4 | 2o | 44 | 42 | 6 | 5 | – | – | 8 | 8 | – | 10 | – |
| | The Lizard | 240 | 19·3 | 0 | SSW | 4 | c | 46 | 44 | 7 | 5 | – | – | 7 | 7 | – | 20 | |
| | Scilly, St. Marys | 163 | 18·2 | 0 | S'E | 4 | c | 47 | 47 | 7 | 5 | – | – | 8 | 8 | – | – | – |
| 6 | Fairwood ... | 268 | 20·7 | 0 | E | 4 | 2o | 37 | 36 | 5 | 5 | – | – | 4 | 4 | – | 7 | – |
| | Pembroke ... | 142 | 18·8 | 0 | SE | 6 | c-bc | 42 | 40 | 8 | 5 | – | – | 5 | 5 | – | 25 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 189 | –2 | SSE | 3 | b | 39 | 34 | 7 | – | – | – | 0 | 0 | 0 | – | – |
| | Holyhead, Valley | 32 | 18·9 | –2 | S'E | 6 | b-bc | 43 | 34 | 8 | 5 | – | – | 3 | 3 | – | 30 | – |
| | Hawarden | 15 | 17·2 | –2 | SSE | 3 | m | 35 | 33 | 4 | – | – | – | 0 | 0 | 0 | – | – |
| 8 | Manchester | 230 | 21·1 | –2 | S'E | 3 | 2o | 37 | 33 | 6 | – | – | – | 0 | 0 | 0 | – | – |
| | Squires Gate | 30 | 20·0 | –2 | SSE | 4 | m | 37 | 36 | 4 | – | – | – | 0 | 0 | 0 | – | – |
| | Silloth ... | 25 | 19·3 | +2 | E | 1 | 2o | 32 | 30 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| 9 | Ashbourne ... | 590 | 22·6 | –2 | SE | 3 | c-f- | 38 | 37 | 3 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Snaith ... | 30 | 22·6 | –2 | S'E | 3 | f | 39 | 38 | 3 | 5 | – | – | 8 | 8 | – | 10 | – |
| 10 | Spurn Head | 29 | 23·6 | 0 | S | 2 | F | 38 | 38 | 1 | – | – | – | 9 | 9 | 9 | – | – |
| | Leeming | 105 | 21·2 | –2 | SSE | 3 | c-F+ | 35 | 35 | 3 | 5 | – | – | 8 | 8 | – | 4 | – |
| | Tynemouth | 108 | 29·6 | –12 | SSW | 5 | 2o | 38 | 36 | 5 | 2 | – | – | 4 | 4 | – | 15 | |
| | Acklington | 138 | 19·8 | –2 | S | 2 | 2o | 34 | 33 | 5 | – | – | – | 0 | 0 | 0 | – | – |
| 11 | St. Abb's Head | 280 | 17·4 | –10 | SW | 4 | b | 40 | 38 | 8 | 4 | – | – | 2 | 1 | 1 | 25 | – |
| | Leuchars ... | 31 | 18·2 | +2 | – | 0 | 2o | 33 | 32 | 6 | – | 7 | – | 2 | 2 | – | – | – |
| | Montrose ... | 22 | 18·6 | –2 | SW | 2 | 2o | 37 | 33 | 6 | 5 | – | – | 1 | 1 | – | 30 | – |
| 12 | Abbotsinch | 19 | 17·0 | –6 | SE'E | 2 | c | 41 | 37 | 7 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Prestwick ... | 30 | 17·0 | –8 | SE | 3 | c | 43 | 38 | 7 | 5 | – | – | 8 | 8 | – | 37 | – |
| | West Freugh | 53 | 17·5 | +2 | SSE | 3 | 2o | 43 | 40 | 5 | 5 | – | – | 8 | 8 | – | 20 | – |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 18·3 | –6 | NE'N | 5 | b-bc | 44 | 34 | 7 | 5 | 7 | – | 4 | 3 | 2 | 25 | – |
| 13A | Machrihanish | 35 | 14·3 | –16 | S | 5 | c | 45 | 41 | 7 | 5 | 7 | – | 7 | 3 | 4 | 8 | 1. |
| | Tiree ... | 44 | 11·2 | –10 | SSE | 0 | r.r. | 45 | 42 | 7 | 5 | – | – | 8 | 8 | – | 22 | – |
| | Oban ... | 74 | 14·7 | –20 | W | 2 | c | 43 | 39 | 7 | 5 | – | – | 8 | 4 | 8 | 25 | – |
| 13B | Stornoway ... | 12 | 08·5 | –18 | S | 7 | c-bc | 45 | 37 | 8 | 5 | 7 | – | 5 | 3 | 5 | 20 | 4 |
| | Cape Wrath | 367 | 11·8 | –10 | SSW | 2 | bc | 43 | 37 | 8 | 5 | 4 | – | 4 | 3 | – | 25 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen ... | 79 | | | | | | 39 | | | | | | | | | | |
| | Fraserburgh | 76 | 27·2 | +2 | S | 4 | 2o | 38 | 35 | 5 | – | 4 | – | 1 | 1 | – | 30 | |
| | Alness ... | 63 | 14·1 | –2 | SW | 3 | bc | 39 | 32 | 8 | – | – | 2 | 4 | – | 3 | – | – |
| | Wick ... | 114 | 13·3 | –4 | S | 5 | b | 41 | 33 | 7 | 5 | 4 | – | 2 | 2 | 1 | 20 | – |
| 16 | Hatston ... | 45 | 13·1 | –8 | S | 5 | b | 41 | 33 | 7 | 5 | – | – | 2 | 2 | – | 25 | – |
| | Sumburgh ... | 15 | 14·8 | –6 | S | 4 | b | 43 | 39 | 7 | 5 | 2 | – | 2 | 2 | – | 20 | – |
| | Sullom Voe | 12 | 14·3 | –10 | SSE | 5 | b-bc | 42 | 41 | 7 | 5 | – | – | 3 | 3 | – | 8 | – |
| 17 | Blacksod Point † | 18 | 08·3 | +18 | SW | 4 | c | 47 | 45 | 7 | 6 | – | – | 6 | 6 | – | 8 | – |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 14·5 | –4 | SSE | 4 | c | 45 | 41 | 7 | 5 | – | – | 8 | 8 | – | 22 | – |
| | Cas. Archdale | 240 | 12·0 | –6 | SSW | 5 | r.r. | 46 | 43 | 7 | 5 | – | – | 8 | 5 | 8 | 10 | 25 |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 15·5 | –6 | S | 4 | c | 45 | 41 | 8 | 5 | – | – | 8 | 8 | – | 25 | – |
| 20 | Foynes ... † | 3 | 12·2 | +4 | SSE | 2 | r.r. | 49 | 47 | 6 | 6 | 2 | – | 8 | 8 | – | 19 | – |
| | Valentia ... † | 30 | 12·1 | +16 | SSW | 3 | c-bc | 48 | 46 | 8 | 5 | – | – | 5 | 5 | – | 25 | – |
| | Roches Point † | 22 | 13·0 | –6 | S | 6 | id | 48 | 47 | 7 | 6 | 2 | – | 8 | 4 | – | 8 | – |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0790.

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

| 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. 9 h. 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 22·5 | –2 | S'E | 1 | 2o | 40 | 39 | 6 | 5 | – | – | 8 | 3 | 8 | 12 | 15 | 1 |
| Croydon ... | 22·5 | +10 | SSE | 3 | 2o | 39 | 38 | 5 | 5 | – | – | 8 | 8 | – | 6 | – | 1 |
| Boscombe Down | 21·4 | +2 | SE | 3 | F | 39 | 39 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Thorney Island | 21·7 | +2 | E | 3 | of+ | 41 | 40 | 3 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Friston ... | | | | | | | | | | | | | | | | | |
| Lympne ... | 22·8 | –10 | SE'E | 2 | F | 39 | 39 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Manston ... | 23·5 | –8 | SE'S | 3 | f | 39 | 39 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| North Weald | 22·5 | –6 | SSE | 3 | F | 37 | 37 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Felixstowe ... | 23·2 | –6 | SE | 3 | F+ | 40 | 40 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Gorleston ... | 23·6 | –6 | S'E | 5 | f- | 39 | 36 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Mildenhall | 22·3 | –6 | S'E | 2 | df | 39 | 39 | 2 | – | – | – | 9 | 9 | – | 0 | – | 0 |
| Bircham Newton | 22·2 | –8 | SSE | 3 | F+ | 38 | 38 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Cranwell ... | 20·5 | –14 | SSE | 3 | f- | 36 | 36 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Cranfield ... | 22·1 | +2 | SSW | 2 | m | 37 | 35 | 4 | 5 | – | – | 8 | 8 | – | 4 | – | 6 |
| Honiley ... | 21·1 | –2 | S | 3 | m | 36 | 35 | 4 | 5 | – | – | 8 | 8 | – | 3 | – | 1 |
| Little Rissington | [illegible]·3 | –2 | SSW | 3 | f- | 34 | 34 | 3 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Shobden ... | 20·8 | –4 | S | 3 | f | 36 | 35 | 3 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Bristol ... | 21·6 | –4 | SSE | 1 | 2o | 39 | 38 | 5 | 5 | – | – | 8 | 8 | – | 6 | – | |
| Chivenor ... | 19·3 | –6 | SE | 4 | 2o | 44 | 42 | 6 | 5 | – | – | 8 | 8 | – | 22 | – | 0 |
| Yeovilton | 20·7 | –4 | SE'E | 2 | m | 41 | 40 | 4 | 5 | – | – | 8 | 8 | – | 4 | – | 4 |
| Portland Bill | 20·4 | –4 | NE | 4 | c | 42 | 41 | 7 | 5 | – | – | 8 | 8 | – | 50 | – | 1 |
| Exeter ... | 20·3 | –2 | SE | 3 | 2o | 43 | 43 | 5 | 5 | – | – | 8 | 8 | – | 7 | – | 1 |
| Plymouth ... | 20·5 | +4 | – | 0 | 2o | 44 | 43 | 6 | 5 | – | – | 8 | 8 | – | 30 | – | 1 |
| St. Eval ... | 19·0 | +2 | S | 4 | 2o | 46 | 44 | 6 | 5 | – | – | 6 | 4 | 6 | 4 | 15 | 1 |
| The Lizard | 19·2 | +6 | SSW | 3 | bc | 47 | 47 | 7 | 5 | – | – | 4 | 4 | – | 20 | – | 1 |
| Scilly, St. Marys | 16·9 | –2 | S'W | 4 | ir | 48 | 48 | 6 | 5 | – | – | 8 | 8 | – | 15 | – | 1 |
| Fairwood ... | 19·6 | 0 | SE | 4 | qd | 39 | 39 | 4 | 5 | – | – | 8 | 5 | – | 3 | 15 | 1 |
| Pembroke ... | 17·8 | –4 | SE | 4 | o | 44 | 43 | 7 | 5 | – | – | 8 | 8 | – | 21 | – | 1 |
| Aberporth ... | 16·2 | 0 | S'E | 3 | c | 40 | 38 | 8 | 5 | – | – | 7 | 7 | – | 25 | – | 1 |
| Penrhos ... | 17·8 | –6 | S | 4 | c | 42 | 37 | 7 | 5 | 7 | – | 8 | 5 | 8 | 20 | – | 0 |
| Holyhead, Valley | 17·7 | –4 | SSE | 6 | c | 43 | 38 | 6 | 5 | – | – | 6 | 6 | – | 30 | – | 1 |
| Hawarden | 20·0 | +2 | SSE | 4 | m/f | 34 | 33 | 4 | 5 | – | – | 4 | 4 | – | 20 | – | |
| Manchester | 20·1 | –6 | SSE | 3 | 2o | 35 | 33 | 5 | 5 | – | – | 8 | 8 | – | 7 | – | |
| Squires Gate | 19·0 | +2 | SSE | 4 | 2o | 35 | 34 | 5 | 5 | – | – | 4 | 4 | – | 25 | – | 0 |
| Silloth ... | 17·7 | –4 | – | 0 | 2o | 34 | 32 | 6 | – | – | – | 0 | 0 | 0 | – | – | 1 |
| Ashbourne ... | 21·2 | –2 | S | 3 | of | 36 | 35 | 3 | 5 | – | – | 8 | 8 | – | 4 | – | |
| Snaith ... | 21·1 | –6 | S'E | 3 | m | 39 | 37 | 4 | 5 | – | – | 8 | 8 | – | 13 | – | 0 |
| Spurn Head | 22·1 | 0 | S'W | 4 | 2o | 37 | 37 | 6 | 5 | – | – | 8 | 8 | – | 15 | – | 0 |
| Leeming | 19·4 | –8 | SE'S | 4 | of | 38 | 35 | 3 | 5 | – | – | 8 | 8 | – | 9 | – | 1 |
| Tynemouth | 20·0 | –2 | SSW | 3 | 2o | 38 | 36 | 5 | 8 | – | – | 5 | 5 | – | 15 | – | 1 |
| Acklington | 18·8 | –2 | SW | 1 | 2o | 30 | 29 | 5 | – | – | – | 0 | 0 | 0 | – | – | 1 |
| St. Abb's Head | 17·6 | 0 | – | 0 | bc | 36 | 32 | 7 | 4 | – | – | 4 | 3 | 3 | 25 | – | 0 |
| Leuchars ... | 16·5 | –6 | SE | 1 | 2o | 38 | 33 | 6 | 5 | 1 | – | 4 | 3 | 3 | 50 | – | 1 |
| Montrose ... | 17·2 | –6 | SSW | 2 | 2o | 39 | 36 | 6 | 5 | – | – | 8 | 8 | – | 34 | – | 0 |
| Abbotsinch | 15·7 | –2 | E | 1 | c | 42 | 37 | 7 | 5 | – | – | 8 | 8 | – | 18 | – | 1 |
| Prestwick ... | 15·4 | –6 | SSE | 4 | c | 43 | 36 | 7 | 5 | – | – | 8 | 8 | – | 37 | – | 1 |
| West Freugh | 5·6 | –6 | SE | 4 | id | 43 | 40 | 5 | 5 | – | – | 8 | 8 | – | 14 | – | 1 |
| Eskdalemuir | 18·1 | 0 | – | 0 | c-bc | 30 | 28 | 8 | 5 | – | – | 5 | 5 | – | 16 | – | 1 |
| Jurby, I. of Man | 16·9 | –8 | SSE | 5 | 2o | 44 | 39 | 6 | 5 | – | – | 8 | 4 | 8 | 23 | 40 | 1 |
| Machrihanish | 13·9 | +2 | S'E | 6 | id | 44 | 42 | 6 | 5 | – | – | 8 | 3 | 8 | 8 | 15 | 1 |
| Tiree ... | 11·3 | +4 | S'E | 4 | o/r | 44 | 43 | 7 | 5 | – | – | 8 | 8 | – | 29 | – | 2 |
| Oban ... | 14·1 | +2 | – | 0 | r.r. | 44 | 44 | 7 | 6 | 2 | – | 8 | 5 | 8 | 15 | 25 | 1 |
| Stornoway ... | 09·3 | +6 | S | 6 | r.r. | 45 | 43 | 6 | 5 | 2 | – | 8 | 4 | 8 | 10 | 15 | 1 |
| Cape Wrath | 10·1 | –4 | SW | 4 | c | 45 | 39 | 8 | 5 | 2 | – | 6 | 4 | – | 25 | – | 0 |
| Dalwhinnie | 14·0 | –6 | S | 3 | id | 39 | 35 | 4 | 5 | – | – | 8 | 8 | – | 17 | – | 1 |
| Aberdeen ... | 16·5 | –4 | SSW | 2 | 2o | 39 | 32 | 6 | 5 | 7 | – | 8 | 2 | 8 | 40 | – | 1 |
| Fraserburgh | 16·2 | +2 | S | 4 | 2o | 38 | 37 | 6 | 5 | – | – | 8 | 8 | – | 18 | – | * |
| Alness ... | 13·0 | –6 | WSW | 4 | c-bc | 43 | 39 | 8 | 5 | – | – | 5 | 4 | 5 | 30 | 72 | 0 |
| Wick ... | 13·1 | 0 | SSW | 4 | o | 42 | 35 | 7 | 5 | 2 | – | 8 | 2 | 8 | 30 | – | 1 |
| Hatston ... | 12·0 | –4 | S'W | 3 | c-bc | 41 | 36 | 7 | 5 | – | – | 5 | 4 | 4 | 20 | 40 | *1 |
| Sumburgh ... | 13·8 | 0 | S | 5 | c-bc | 43 | 41 | 7 | 5 | – | – | 5 | 1 | 5 | 10 | 25 | 1 |
| Sullom Voe | 13·3 | –2 | SE'S | 5 | b-bc | 42 | 40 | 7 | 5 | – | – | 3 | 3 | – | 15 | – | 1 |
| Blacksod Point † | 11·7 | +14 | SSW | 3 | b-bc | 46 | 39 | 7 | 5 | – | – | 3 | 3 | – | 15 | – | 2 |
| Malin Head † | 11·6 | +16 | S | 2 | c | 44 | 40 | 8 | 5 | – | – | 6 | 6 | – | 8 | – | 1 |
| Aldergrove | 14·0 | +2 | SSE | 4 | r.r. | 44 | 43 | 6 | 5 | – | – | 8 | 4 | 8 | 12 | 40 | 1 |
| Cas. Archdale | 14·0 | +10 | SSE | 4 | bc | 43 | 41 | 8 | 5 | 2 | – | 4 | 4 | 3 | 30 | – | 1 |
| Birr Castle ... † | 14·6 | +22 | SSW | 1 | b-bc | 43 | 42 | 8 | 5 | – | – | 3 | 3 | – | 25 | – | 1 |
| Collinstown † | 15·2 | +8 | SSE | 3 | r.r. | 44 | 43 | 6 | 6 | 2 | – | 8 | 8 | – | 9 | – | 1 |
| Foynes ... † | 14·7 | +18 | S'W | 2 | b | 44 | 40 | 8 | 5 | – | – | 1 | 1 | – | 24 | – | 1 |
| Valentia ... † | 15·3 | +18 | S'E | 3 | b | 46 | 42 | 8 | 5 | 4 | 3 | 2 | 2 | – | 38 | – | 1 |
| Roches Point † | 16·2 | +28 | W | 3 | m | 44 | 43 | 4 | 5 | – | – | 3 | 3 | – | 5 | – | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather. 18h.–00h. (39) | Weather. 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Temperature 21h.–09h. Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew ... | cm.w | cm.w | 37 | 34 | Tr |
| Croydon ... | bm.cm. | bm.bmcm. | 35 | 30 | – |
| Boscombe Down | cm. | cm.ofe | 37 | 36 | Tr |
| Thorney Island | ofom. | omomf | 38 | * | – |
| Friston ... | | | | | |
| Lympne ... | bFF | FF | 37 | 36 | Tr |
| Manston ... | ofe | ofefofe | 38 | 37 | Tr |
| North Weald | ofe | offe | 35 | 36 | * |
| Felixstowe ... | ofid, fe | ofe | 38 | 37 | 0·4 |
| Gorleston ... | offe | offe | 37 | 35 | – |
| Mildenhall | offe | offedwd | 36 | 36 | Tr |
| Bircham Newton | ofbf | ofwf | 33 | 30 | Tr |
| Cranwell ... | cm. of. of | ofofof | 35 | 36 | – |
| Cranfield ... | bcm. off | offcm | 31 | 34 | – |
| Honiley ... | cm | om | 35 | 35 | – |
| Little Rissington | cf | of | 34 | 34 | – |
| Shobden ... | mbcm.fw | ofw | 34 | 34 | – |
| Bristol ... | cz.m.bm. | om.wom. | 36 | 35 | Tr |
| Chivenor ... | bcb | bcdcm. | 39 | 37 | – |
| Yeovilton | bzbczcz | ozom | 35 | * | Tr |
| Portland Bill | cf | offc | 41 | * | – |
| Exeter ... | bccm. | om. | 39 | 38 | Tr |
| Plymouth ... | b | cm.w | 40 | 37 | – |
| St. Eval ... | bm.bcc | cm. | 42 | 37 | – |
| The Lizard | bcc | bcw | 44 | * | 1 |
| Scilly, St. Marys | bcc | bcwcir. | 46 | * | 1 |
| Fairwood ... | bm.bcm. | om.bcm | 36 | 34 | – |
| Pembroke ... | bcc | cp | 41 | * | 1 |
| Aberporth ... | * | c | 36 | 31 | – |
| Penrhos ... | b | bc | 38 | * | – |
| Holyhead, Valley | bcb | bbccz.oc | 40 | 39 | – |
| Hawarden | bm | fcfbcm | 32 | 28 | – |
| Manchester | bcbm.zo | bm.xbcm. | 31 | 20 | – |
| Squires Gate | | bfmbm. | 34 | 33 | – |
| Silloth ... | bm. | bm.x | | | – |
| Ashbourne ... | cm, cf, off | off | | | |
| Snaith ... | bcmf | omf | 37 | 33 | – |
| Spurn Head | F | Fcm. | 35 | * | – |
| Leeming | bm, of | ofom | 35 | 32 | Tr |
| Tynemouth | bcm. | cm. | 35 | 33 | – |
| Acklington | bcbm. | bm. | 28 | 23 | – |
| St. Abb's Head | b | bcm.bc | 34 | * | – |
| Leuchars ... | cbcm. | bm.cm. | 31 | 26 | – |
| Montrose ... | cm.bm. | bm.cm. | 37 | 26 | – |
| Abbotsinch | bcc | c | 37 | 30 | 0·2 |
| Prestwick ... | bbybc | c | 40 | 39 | 0·2 |
| West Freugh | bbcc | cmcidm. | 43 | 41 | 2 |
| Eskdalemuir | bbcx | bbcx | 28 | 24 | Tr |
| Jurby, I. of Man | bbc | bcg | 40 | 38 | Tr |
| Machrihanish | cbcc | cd | 43 | 41 | 3 |
| Tiree ... | c | cir.c | 36 | * | 3 |
| Oban ... | [illegible] | acr.r. | 38 | * | * |
| Stornoway ... | c | cr.r.r.m. | 44 | 41 | 1 |
| Cape Wrath | bc | bcc | 41 | * | – |
| Dalwhinnie | * | 2coid | 36 | 32 | 0·[illegible] |
| Aberdeen ... | bm.x | bcm.x | 38 | 31 | – |
| Fraserburgh | bcm.bm. | bm.cm. | * | * | * |
| Alness ... | bcbbc | bcc | 33 | 26 | Tr |
| Wick ... | bc | bcc | 40 | 35 | – |
| Hatston ... | b | bcc | 40 | * | – |
| Sumburgh ... | bcb | bcc | 42 | 39 | – |
| Sullom Voe | cwcb | bcc | 41 | * | – |
| Blacksod Point † | bt | bc | 45 | * | 9 |
| Malin Head † | * | r | 43 | * | 2 |
| Aldergrove | bbccm.c | cirrr.r.r. | 44 | 41 | 4 |
| Cas. Archdale | c.c.r. | crrc | 42 | 35 | 5 |
| Birr Castle ... † | * | r | 42 | 37 | 5 |
| Collinstown † | bc | r | 43 | 42 | 1 |
| Foynes ... † | b | bc | 43 | 39 | 4 |
| Valentia ... † | bbc | bc | 43 | 37 | 15 |
| Roches Point † | c | r | 44 | * | 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.
‡ Second figure in col. (33) gives depth of snow in inches.

Page 1.

BRITISH SECTION

**CONFIDENTIAL**

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

Saturday 17th February 1945

No. 30403

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

| 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 | 24.0 | +10 | SWS | 1 | Z | 43 | 39 | 5 | 5 | – | – | 7 | 6 | 7 | 18 | 25 |
| | Croydon | 24.5 | +8 | S | 2 | Z | 42 | 39 | 5 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Boscombe Down | 22.9 | +6 | SSE | 3 | m/f | 43 | 43 | 4 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Thorney Island | 23.7 | +14 | E | 2 | Z | 45 | 44 | 5 | 6 | – | – | 8 | 8 | – | 15 | – |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 24.4 | +4 | SE | 1 | m | 42 | 42 | 4 | 5 | – | – | 7 | 7 | – | 4 | – |
| | Manston | 24.7 | +6 | SW | 1 | m | 43 | 43 | 4 | 5 | – | – | 7 | 5 | 7 | 8 | 15 |
| 2 | North Weald | 23.9 | +4 | SW | 2 | cf | 40 | 39 | 3 | 5 | – | – | 8 | 8 | – | 13 | – |
| | Felixstowe | 24.1 | +6 | S | 2 | f | 40 | 40 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Gorleston | 24.1 | +6 | S | 4 | f | 40 | 38 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Mildenhall | 23.7 | +6 | SW | 3 | Z | 41 | 39 | 5 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Bircham Newton | 23.2 | +8 | S | 3 | cf | 40 | 39 | 3 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Cranwell | 23.1 | +10 | SWS | 3 | Z | 38 | 37 | 5 | 5 | – | – | 8 | 8 | – | 15 | – |
| 3 | Cranfield | 23.5 | +10 | SW | 3 | Z | 39 | 37 | 5 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Honiley | 22.9 | +4 | SSE | 3 | f | 39 | 39 | 3 | 5 | – | – | 8 | 8 | – | – | – |
| 4 | Little Rissington | 22.3 | +8 | SSW | 2 | F+ | 40 | 40 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Shobden | 22.2 | +2 | SSE | 3 | m | 42 | 40 | 4 | 5 | – | – | 8 | 4 | 8 | 8 | 8 |
| 5 | Bristol | 22.1 | -2 | SSE | 2 | Z | 50 | 44 | 5 | 5 | – | 6 | 5 | 1 | 2 | 6 | 25 |
| | Chivenor | 20.9 | +6 | SE | 3 | Z | 50 | 47 | 5 | 5 | – | – | 8 | 4 | 8 | 8 | 25 |
| | Yeovilton | 22.6 | +8 | S | 2 | Z | 49 | 47 | 6 | 5 | – | – | 5 | 4 | 5 | 10 | 15 |
| | Portland Bill | 22.9 | +10 | SSW | 3 | c | 46 | 44 | 8 | 5 | – | – | 8 | 8 | – | 50 | – |
| | Exeter | 22.2 | +6 | SSE | 3 | c | 50 | 45 | 7 | 5 | – | – | 6 | 4 | 4 | 8 | 15 |
| | Plymouth | 22.3 | +10 | S | 3 | dodo | 49 | 48 | 5 | 5 | – | – | 8 | 6 | 8 | 1 | 15 |
| | St. Eval | 21.4 | +14 | SWW | 3 | d/d | 50 | 50 | 5 | 5 | – | – | 8 | 8 | – | 2 | – |
| | The Lizard | 20.8 | +10 | SW | 4 | df | 49 | 49 | 2 | 5 | – | – | 8 | 8 | – | 1 | – |
| | Scilly, St. Marys | 20.7 | +20 | WSW | 2 | f+ | 49 | 49 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| 6 | Fairwood | 21.5 | +10 | SE | 3 | cf | 43 | 43 | 2 | 5 | – | – | 8 | 8 | – | – | – |
| | Pembroke | 19.5 | +6 | SW | 2 | F+ | 46 | 46 | 0 | – | – | – | 9 | 9 | – | 0 | – |
| | Aberporth | 19.7 | +12 | SW | 5 | ido | 45 | 44 | 7 | 5 | 3 | – | 7 | 5 | 4 | 10 | 25 |
| 7 | Penrhos | 19.7 | +10 | S | 4 | dodo | 44 | 44 | 6 | 5 | 2 | – | 8 | 6 | 8 | 3 | 25 |
| | Holyhead, Valley | 19.7 | +10 | S | 5 | c | 45 | 45 | 6 | 5 | – | – | 8 | 4 | 8 | 12 | 40 |
| | Hawarden | 20.4 | 0 | SE | 3 | Z | 41 | 39 | 5 | 5 | – | – | 8 | 5 | 8 | 20 | 40 |
| 8 | Manchester | 20.7 | -2 | S | 4 | m | 42 | 38 | 4 | 5 | – | – | 8 | 4 | 8 | 8 | 8 |
| | Squires Gate | 20.2 | +12 | SE | 4 | iro | 40 | 39 | 4 | – | 2 | – | 8 | 8 | – | 20 | – |
| | Silloth | 19.1 | +14 | NNE | 1 | bb | 38 | 38 | 4 | 5 | 2 | – | 8 | 5 | 8 | 12 | 25 |
| 9 | Ashbourne | 22.5 | +6 | S | 1 | f | 37 | 36 | 2 | 5 | – | – | 8 | 8 | – | 1 | – |
| | Snaith | 22.1 | +8 | SE | 4 | m | 40 | 36 | 4 | 5 | – | – | 8 | 5 | 8 | 15 | 25 |
| 10 | Spurn Head | 22.5 | +4 | SW | 5 | Z | 39 | 38 | 5 | 5 | – | – | 8 | 8 | – | 7 | – |
| | Leeming | 20.6 | +6 | SE | 2 | Z | 40 | 35 | 5 | 5 | – | – | 8 | 4 | 8 | 10 | 25 |
| | Tynemouth | 20.1 | +4 | SSW | 3 | Z | 41 | 35 | 5 | 5 | – | – | 7 | 7 | – | 20 | – |
| | Acklington | 18.8 | 0 | SWS | 1 | m | 39 | 34 | 4 | 5 | 7 | – | 8 | 4 | 8 | 50 | – |
| 11 | St. Abb's Head | 16.4 | -10 | SSW | 4 | Z | 41 | 30 | 6 | 5 | 7 | – | 7 | 4 | 3 | 20 | 25 |
| | Leuchars | 17.0 | +6 | SSE | 1 | Z | 41 | 37 | 6 | 5 | 7 | – | 8 | 3 | 5 | 8 | 25 |
| | Montrose | 17.4 | -2 | S | 2 | Z | 41 | 36 | 5 | 5 | – | – | 8 | 4 | 8 | 25 | 57 |
| 12 | Abbotsinch | 16.8 | +10 | SSW | 3 | pr | 44 | 41 | 6 | 8 | – | – | 7 | 3 | 7 | 8 | 15 |
| | Prestwick | 16.9 | +8 | SE | 4 | ebc | 46 | 41 | 6 | 5 | 4 | – | 5 | 3 | 5 | 20 | 40 |
| | West Freugh | 17.2 | +10 | SSW | 3 | c/r | 45 | 45 | 6 | 5 | – | – | 8 | 2 | 8 | 4 | 8 |
| | Eskdalemuir | 19.2 | +14 | – | 0 | rm | 33 | 31 | 4 | – | 2 | – | 8 | 8 | – | 3 | – |
| | Jurby, I. of Man | 18.2 | +8 | SSW | 4 | Z | 46 | 44 | 6 | 5 | 7 | – | 8 | 3 | 4 | 6 | 25 |
| 13A | Machrihanish | 15.7 | +16 | SE'S | 3 | bbc | 49 | 45 | 7 | 1 | 4 | – | 8 | 2 | 2 | 20 | – |
| | Tiree | 14.3 | +14 | SW | 4 | bc | 47 | 43 | 7 | 8 | 7 | – | 4 | 3 | 3 | 30 | – |
| | Oban | 16.1 | +14 | SSW | 2 | ebc | 45 | 44 | 7 | 8 | 3 | 9 | 5 | 2 | 5 | 15 | 25 |
| 13B | Stornoway | 11.7 | +14 | SSW | 6 | c | 46 | 40 | 8 | 8 | 8 | 1 | 6 | 4 | 5 | 12 | 25 |
| | Cape Wrath | 11.8 | +2 | SW | 4 | c | 45 | 39 | 9 | 2 | 2 | – | 6 | 4 | – | 25 | – |
| 15 | Dalwhinnie | 16.0 | +4 | SW | 3 | ir | 37 | 34 | 7 | 5 | – | – | 8 | 8 | – | 19 | – |
| | Aberdeen | 16.7 | -2 | SW | 2 | m | 42 | 34 | 4 | 5 | 1 | – | 8 | 3 | 6 | 25 | 72 |
| | Fraserburgh | 16.6 | -2 | SW | 4 | m | 41 | 38 | 4 | 5 | – | – | 8 | 5 | 8 | 12 | 25 |
| | Alness | 14.5 | +10 | WNW | 2 | iro | 43 | 41 | 7 | 5 | 2 | – | 8 | 4 | 8 | 18 | – |
| | Wick | 14.1 | +2 | SSE | 4 | Z | 42 | 38 | 6 | 5 | 7 | – | 8 | 3 | 4 | 15 | 57 |
| 16 | Hatston | 13.7 | +4 | S | 4 | iro | 44 | 39 | 6 | 5 | 2 | – | 8 | 4 | 8 | 40 | – |
| | Sumburgh | 15.0 | +6 | S | 5 | Z | 43 | 41 | 5 | 5 | 7 | – | 8 | 2 | 8 | 8 | – |
| | Sullom Voe | 14.9 | +10 | SSE | 5 | Z | 44 | 41 | 5 | 5 | 3 | 6 | 6 | 3 | 5 | 25 | – |
| 17 | Blacksod Point† | 14.8 | +18 | SWS | 3 | bbc | 48 | 42 | 7 | 8 | – | – | 3 | 3 | – | 15 | – |
| 18 | Malin Head † | 14.3 | +16 | SSW | 3 | bbc | 48 | 41 | 8 | 5 | – | – | 3 | 3 | – | 15 | – |
| | Aldergrove | 16.9 | +16 | SSW | 3 | bbc | 48 | 44 | 7 | 2 | 4 | – | 3 | 2 | 3 | 8 | 40 |
| | Cas. Archdale | 16.7 | +4 | SW | 4 | bbc | 49 | 41 | 8 | 1 | – | 2 | 3 | 1 | 2 | 15 | 40 |
| 19 | Birr Castle … † | 17.5 | +10 | SSW | 1 | ebc | 53 | 41 | 8 | 2 | – | 6 | 5 | 3 | – | 25 | – |
| | Collinstown † | 18.0 | +12 | SW | 3 | bbc | 51 | 44 | 8 | 1 | – | 1 | 3 | 2 | – | 25 | – |
| 20 | Foynes … † | 17.1 | +12 | SSW | 3 | bc | 53 | 42 | 8 | – | 3 | 6 | 4 | – | – | – | – |
| | Valentia … † | 17.6 | +12 | S | 3 | c | 51 | 47 | 8 | 2 | 4 | 6 | 7 | 3 | – | 18 | – |
| | Roches Point † | 19.0 | +14 | SE | 1 | f | 43 | 42 | 2 | – | – | – | 9 | 9 | – | 0 | – |

## OBSERVATIONS at 18h. G.M.T. 16th February; 21 h

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 25.3 | +14 | S | 1 | cf+ | 45 | 42 | 3 | 5 | – | – | 8 | 7 | 8 | 11 | 15 | 1 |
| Croydon | 25.8 | +14 | SWW | 2 | Z | 45 | 41 | 5 | 5 | – | – | 8 | 8 | – | 12 | – | 1 |
| Boscombe Down | 24.5 | +14 | SW | 2 | Z | 45 | 45 | 6 | 5 | – | – | 8 | 8 | – | 8 | – | 1 |
| Thorney Island | 25.4 | +16 | ESE | 2 | Z | 45 | 43 | 5 | 5 | – | – | 8 | 3 | 8 | 10 | 15 | 0 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 25.6 | +10 | – | 0 | F+ | 40 | 40 | 0 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Manston | 25.2 | +8 | N | 1 | cf+ | 40 | 40 | 3 | 5 | – | – | 8 | 8 | – | 8 | – | 1 |
| North Weald | 25.5 | +14 | SWW | 1 | f | 43 | 40 | 2 | 5 | – | – | 8 | 8 | – | 1 | – | 1 |
| Felixstowe | 24.7 | +10 | SW | 1 | f+ | 41 | 40 | 3 | – | – | – | 9 | 9 | – | 0 | – | 0 |
| Gorleston | 24.8 | +8 | SWW | 1 | m | 41 | 38 | 4 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Mildenhall | 24.5 | +10 | SW | 2 | m | 42 | 40 | 4 | 5 | – | – | 6 | 6 | – | 7 | – | 0 |
| Bircham Newton | 24.1 | +6 | S | 2 | m | 39 | 37 | 4 | 5 | – | – | 4 | 4 | – | 20 | – | 1 |
| Cranwell | 23.7 | +12 | SSW | 3 | Z | 42 | 42 | 5 | 5 | – | – | 8 | 8 | – | 20 | – | 1 |
| Cranfield | 23.8 | +8 | SW | 2 | Z | 44 | 41 | 5 | 5 | – | – | 7 | 7 | – | 10 | – | 1 |
| Honiley | 23.1 | +10 | SSE | 2 | m | 44 | 43 | 4 | 5 | – | – | 8 | 8 | – | 6 | – | 1 |
| Little Rissington | 23.9 | +2 | SSW | 2 | Z | 44 | 44 | 5 | 5 | – | – | 8 | 8 | – | 6 | – | 1 |
| Shobden | 23.5 | +14 | – | 0 | Z | 45 | 44 | 5 | 5 | – | – | 8 | 5 | 8 | 8 | 40 | 1 |
| Bristol | 23.3 | +12 | S | 3 | c/d | 48 | 47 | 6 | 5 | – | – | 8 | 6 | 5 | 5 | 25 | 1 |
| Chivenor | 22.4 | +14 | WNW | 1 | c | 47 | 47 | 5 | 5 | – | – | 8 | 8 | – | 1 | – | 1 |
| Yeovilton | 23.8 | +16 | SSE | 3 | c | 47 | 47 | 6 | 5 | – | – | 8 | 8 | – | 3 | – | 1 |
| Portland Bill | 23.9 | +4 | S | 3 | f | 46 | 44 | 2 | 5 | – | – | 8 | 8 | – | 25 | – | 1 |
| Exeter | 23.3 | +12 | SE | 2 | Z | 49 | 47 | 7 | 5 | – | 6 | 7 | 5 | 4 | 8 | – | 1 |
| Plymouth | 23.3 | +10 | S | 2 | dF | 48 | 48 | 1 | 5 | – | – | 8 | 8 | – | – | – | 1 |
| St. Eval | 22.8 | +10 | – | 0 | Z | 47 | 46 | 5 | 5 | – | – | 7 | 5 | 7 | 2 | 15 | 1 |
| The Lizard | 23.4 | +20 | S | 2 | f | 48 | 48 | 2 | 5 | – | – | 8 | 8 | – | 1 | – | 1 |
| Scilly, St. Marys | 21.8 | +6 | SES | 2 | f+ | 45 | 45 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Fairwood | 22.8 | +14 | SE | 1 | dF | 45 | 45 | 1 | 5 | – | – | 8 | 8 | – | – | – | 1 |
| Pembroke | 21.6 | +10 | S | 2 | if | 45 | 45 | 5 | 5 | – | – | 8 | 8 | – | 8 | – | 1 |
| Aberporth | 21.1 | +10 | SW | 3 | c | 47 | 45 | 7 | 5 | 7 | 7 | 8 | 1 | 4 | 12 | – | 1 |
| Penrhos | 21.3 | +14 | SE | 2 | Z | 44 | 43 | 6 | 5 | 7 | – | 8 | 4 | 8 | 4 | – | D |
| Holyhead, Valley | 21.5 | +12 | S | 3 | Z | 45 | 44 | 6 | 5 | 7 | 9 | 8 | 3 | 4 | 10 | – | 0 |
| Hawarden | 21.8 | +10 | SE | 2 | m | 43 | 43 | 4 | 5 | 7 | – | 8 | 5 | 8 | 20 | – | r |
| Manchester | 22.4 | +14 | SE | 3 | m | 43 | 40 | 4 | 5 | – | – | 5 | 5 | – | 25 | – | 1 |
| Squires Gate | 21.9 | +14 | SE | 3 | m | 43 | 42 | 4 | 5 | – | – | 8 | 5 | 8 | 10 | 15 | 1 |
| Silloth | 21.2 | +18 | SSE | 2 | Z | 44 | 42 | 6 | 5 | – | – | 8 | 8 | – | 20 | – | 1 |
| Ashbourne | 22.9 | +6 | SE | 1 | m | 41 | 41 | 4 | 5 | – | – | 8 | 8 | – | 4 | – | 1 |
| Snaith | 23.1 | +10 | NW | 2 | cf | 43 | 40 | 3 | 5 | – | – | 7 | 7 | – | 15 | – | 0 |
| Spurn Head | 23.1 | +6 | SSW | 2 | Z | 41 | 39 | 6 | 5 | 3 | – | 5 | 4 | 3 | 15 | 57 | 0 |
| Leeming | 22.2 | +18 | SEE | 1 | cf | 43 | 40 | 3 | 5 | – | – | 6 | 5 | 6 | 13 | 40 | 1 |
| Tynemouth | 22.0 | +16 | SSW | 3 | Z | 42 | 38 | 5 | 5 | – | – | 6 | 6 | – | 15 | – | 1 |
| Acklington | 22.1 | +24 | SW | 2 | Z | 42 | 39 | 6 | 5 | 7 | 7 | 6 | 4 | 2 | 30 | – | 1 |
| St. Abb's Head | 19.0 | +16 | SW | 4 | bbc | 41 | 39 | 7 | 4 | 4 | 5 | 3 | 3 | 1 | 25 | – | 1 |
| Leuchars | 17.1 | +12 | SW | 1 | m | 40 | 39 | 4 | 5 | 7 | – | 3 | 3 | 3 | 30 | – | 0 |
| Montrose | 19.3 | +18 | – | 0 | f | 38 | 37 | 3 | 5 | – | – | 8 | 7 | 8 | 6 | 25 | 1 |
| Abbotsinch | 18.7 | +12 | SSW | 1 | Z | 45 | 41 | 6 | 8 | – | 6 | 6 | 4 | 3 | 16 | – | 1 |
| Prestwick | 19.1 | +14 | SE | 3 | Z | 44 | 40 | 6 | 8 | 4 | 9 | 5 | 1 | 1 | 20 | 40 | 1 |
| West Freugh | 19.1 | +14 | SE | 2 | r/c | 42 | 42 | 4 | 5 | – | – | 6 | 3 | 4 | 1 | 4 | 1 |
| Eskdalemuir | 21.0 | +14 | – | 0 | rF | 37 | 36 | 1 | – | 2 | – | 9 | 9 | – | 0 | – | 1 |
| Jurby, I. of Man | 20.2 | +16 | E | 2 | ebc | 44 | 42 | 6 | 5 | 7 | 6 | 5 | 2 | 3 | 6 | 25 | 0 |
| Machrihanish | 17.9 | +8 | S | 2 | ebc | 44 | 42 | 7 | 5 | 7 | 6 | 5 | 1 | 3 | 20 | – | 0 |
| Tiree | 16.5 | +10 | SW | 3 | bc | 45 | 42 | 7 | – | – | 8 | 4 | 4 | – | – | – | 1 |
| Oban | 19.8 | +30 | S | 1 | c | 43 | 41 | 8 | 8 | 7 | 7 | 8 | 3 | 3 | 25 | – | 1 |
| Stornoway | 13.8 | +12 | SSW | 5 | bbc | 44 | 41 | 8 | 8 | – | – | 3 | 2 | 3 | 16 | 25 | 0 |
| Cape Wrath | 18.0 | +6 | SW | 5 | bc | 44 | 42 | 9 | 2 | 4 | – | 4 | 4 | – | 40 | – | 0 |
| Dalwhinnie | 18.0 | +6 | SW | 3 | bc | 39 | 35 | 7 | 8 | – | – | 4 | 4 | – | 20 | – | 1 |
| Aberdeen | 18.7 | +20 | WSW | 1 | m | 40 | 37 | 4 | – | – | 1 | 1 | 1 | – | – | – | 1 |
| Fraserburgh | 17.8 | +14 | SSW | 3 | Z | 38 | 36 | 6 | – | – | 5 | 3 | 3 | – | – | – | 1 |
| Alness | 16.4 | +24 | WSW | 1 | bbc | 43 | 39 | 8 | 1 | – | 8 | 3 | 2 | 2 | 30 | – | 0 |
| Wick | 15.4 | +14 | SSW | 3 | bbc | 40 | 38 | 8 | 5 | 4 | – | 3 | 2 | 2 | 40 | – | 1 |
| Hatston | 15.0 | +12 | S | 3 | Z | 41 | 40 | 5 | 5 | – | – | 4 | 1 | 3 | 8 | 25 | 1 |
| Sumburgh | 14.8 | +4 | SSE | 1 | roro | 40 | 39 | 6 | 5 | – | – | 8 | 1 | 8 | 8 | 25 | 1 |
| Sullom Voe | 14.5 | +2 | SW | 3 | roro | 41 | 40 | 6 | 5 | 2 | – | 8 | 4 | 8 | 10 | – | 1 |
| Blacksod Point† | 14.7 | -2 | S | 4 | ebc | 49 | 42 | 7 | 5 | – | 6 | 5 | 4 | – | 15 | – | 1 |
| Malin Head † | 16.1 | +12 | SW | 2 | ebc | 45 | 38 | 8 | – | 7 | 8 | 5 | – | – | – | – | 1 |
| Aldergrove | 19.0 | +14 | SSE | 2 | bbc | 44 | 39 | 7 | – | 7 | 6 | 3 | 2 | 3 | – | – | 1 |
| Cas. Archdale | 17.8 | +6 | SE | 2 | c | 47 | 38 | 8 | 1 | 3 | 2 | 6 | 1 | 4 | 20 | – | 1 |
| Birr Castle … † | 17.8 | +2 | S | 2 | c | 49 | 42 | 8 | 5 | 1 | – | 8 | 5 | – | 25 | – | 1 |
| Collinstown † | 19.4 | +12 | SE | 3 | c | 43 | 31 | 8 | 5 | 7 | 6 | 6 | 4 | – | 43 | – | 1 |
| Foynes … † | 16.4 | -6 | SE | 3 | c | 49 | 44 | 9 | – | 7 | – | 8 | – | – | – | – | 1 |
| Valentia … † | 15.2 | -14 | SSE | 4 | c | 50 | 45 | 8 | 5 | 2 | – | 8 | 2 | – | 19 | – | 1 |
| Roches Point † | 18.6 | -4 | SES | 3 | c | 47 | 46 | 8 | 5 | 7 | – | 8 | 4 | – | 15 | – | 1 |

## OBSERVATIONS during DAY

| Stations | Weather 06h.–12h. (34) | Weather 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | cmo | cmocmf | 46 | 0.0 | – |
| Croydon | cmo | cmo | 46 | 0.0 | – |
| Boscombe Down | ofeofeom | omcmo | 47 | 0.0 | Tr |
| Thorney Island | ofFomo | omocmo | 47 | * | – |
| Friston | | | | | |
| Lympne | offcm | cmbcmofe | 47 | 2.5 | Tr |
| Manston | ofefecm | cbcbmocm | 49 | 3.8 | – |
| North Weald | offecffe | cfecf | 43 | | – |
| Felixstowe | ofe | of | 42 | 0.0 | 0.1 |
| Gorleston | offc | om | 42 | 0.0 | – |
| Mildenhall | cdodofeomo | cmocm | 42 | 0.0 | – |
| Bircham Newton | ofof | ofcmo | 41 | 0.0 | – |
| Cranwell | ofcfcmo | cmo | 44 | 0.0 | – |
| Cranfield | cfm | cmo | 45 | | – |
| Honiley | off | cmo | 45 | 0.1 | Tr |
| Little Rissington | ofdo | ofcmcmo | 45 | * | Tr |
| Shobden | ofwcmo | cidocmo | 46 | * | Tr |
| Bristol | cmdocmo | bccidomo | 52 | 2.0 | 0.1 |
| Chivenor | cmoccmo | cidocm | 53 | [illegible] | 1 |
| Yeovilton | cz | c | 50 | * | – |
| Portland Bill | bc | off | 46 | * | – |
| Exeter | cmo | cidomoc | 51 | 1.1 | – |
| Plymouth | cmocido | cdodomf | 50 | 0.0 | 1 |
| St. Eval | cmododom | cidoofcmo | 50 | 0.0 | 0.4 |
| The Lizard | df | dff | 49 | 0.0 | 1 |
| Scilly, St. Marys | odfcof | offfo | 48 | 0.6 | 0.1 |
| Fairwood | ororof | oddfdodof | 47 | | 4 |
| Pembroke | oifoF | oafoif | 47 | 0.1 | 1 |
| Aberporth | crorocmo | cidoc | 47 | 0.1 | 1 |
| Penrhos | cmororomo | cmoccmo | 48 | 0.2 | 2 |
| Holyhead, Valley | cidororomo | cmoccmo | 47 | | 1 |
| Hawarden | cmcif | cmocm | 48 | 0.4 | – |
| Manchester | cmo | irocmo | 44 | | Tr |
| Squires Gate | cmcirom | cirocm | 44 | * | Tr |
| Silloth | cmododoromo | cmo | 45 | * | 2 |
| Ashbourne | pffidoff | offom | 43 | * | – |
| Snaith | cmocm | cmbcmf | 44 | 0.1 | – |
| Spurn Head | omo | cmo | 41 | 0.0 | – |
| Leeming | bmcmo | cf | 44 | 0.0 | – |
| Tynemouth | cb | cmo | 45 | – | – |
| Acklington | bmocfcm | cmprobcmo | 44 | * | 0.2 |
| St. Abb's Head | bcmocm | cmorobc | 45 | * | 0.1 |
| Leuchars | cmo | crorombcm | 45 | 0.5 | 0.6 |
| Montrose | cmo | cdodomof | 44 | 1.0 | 1 |
| Abbotsinch | doropro | procbcmo | 47 | 0.7 | 1 |
| Prestwick | cdororomo | cmobcmoc | 47 | * | 1 |
| West Freugh | cmdoddcmo | cmocofc | 48 | | 1 |
| Eskdalemuir | ododomorsmorsr | frorof | 40 | 0.0 | 2 |
| Jurby, I. of Man | cddroromo | cmobcc | 50 | * | 2 |
| Machrihanish | rrcbc | cb | 51 | * | – |
| Tiree | cbc | bcbbcc | 48 | 6.9 | Tr |
| Oban | cdrciromoc | cbcc | 48 | | |
| Stornoway | cirocmobc | ccprcb | 46 | 1.5 | 1 |
| Cape Wrath | c | cprobc | 45 | | Tr |
| Dalwhinnie | oidir | oirbc | 41 | 1.4 | 3 |
| Aberdeen | cm | cidorbcm | 43 | 1.5 | 1 |
| Fraserburgh | cmo | cmrorobmo | 42 | | Tr |
| Alness | cirororo | cirocbcc | 50 | 3.1 | Tr |
| Wick | crorormo | crorormobc | 44 | 3.1 | 1 |
| Hatston | bccr | rrcbc | | * | |
| Sumburgh | cmo | cirororoxm | 44 | 0.0 | 3 |
| Sullom Voe | cmo | crrororomoc | 44 | * | 3 |
| Blacksod Point† | b | c | 50 | * | – |
| Malin Head † | bc | bc | 50 | 5.4 | – |
| Aldergrove | roromocbc | bccbc | * | 5.6 | – |
| Cas. Archdale | bccbc | bcc | 51 | | – |
| Birr Castle … † | c | c | 54 | 5.0 | – |
| Collinstown † | b | c | 53 | 5.9 | 0.6 |
| Foynes … † | bc | c | 54 | 3.1 | – |
| Valentia … † | c | c | 52 | 2.5 | 0.1 |
| Roches Point † | f | c | 48 | * | 0.1 |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

* Information not usually received.

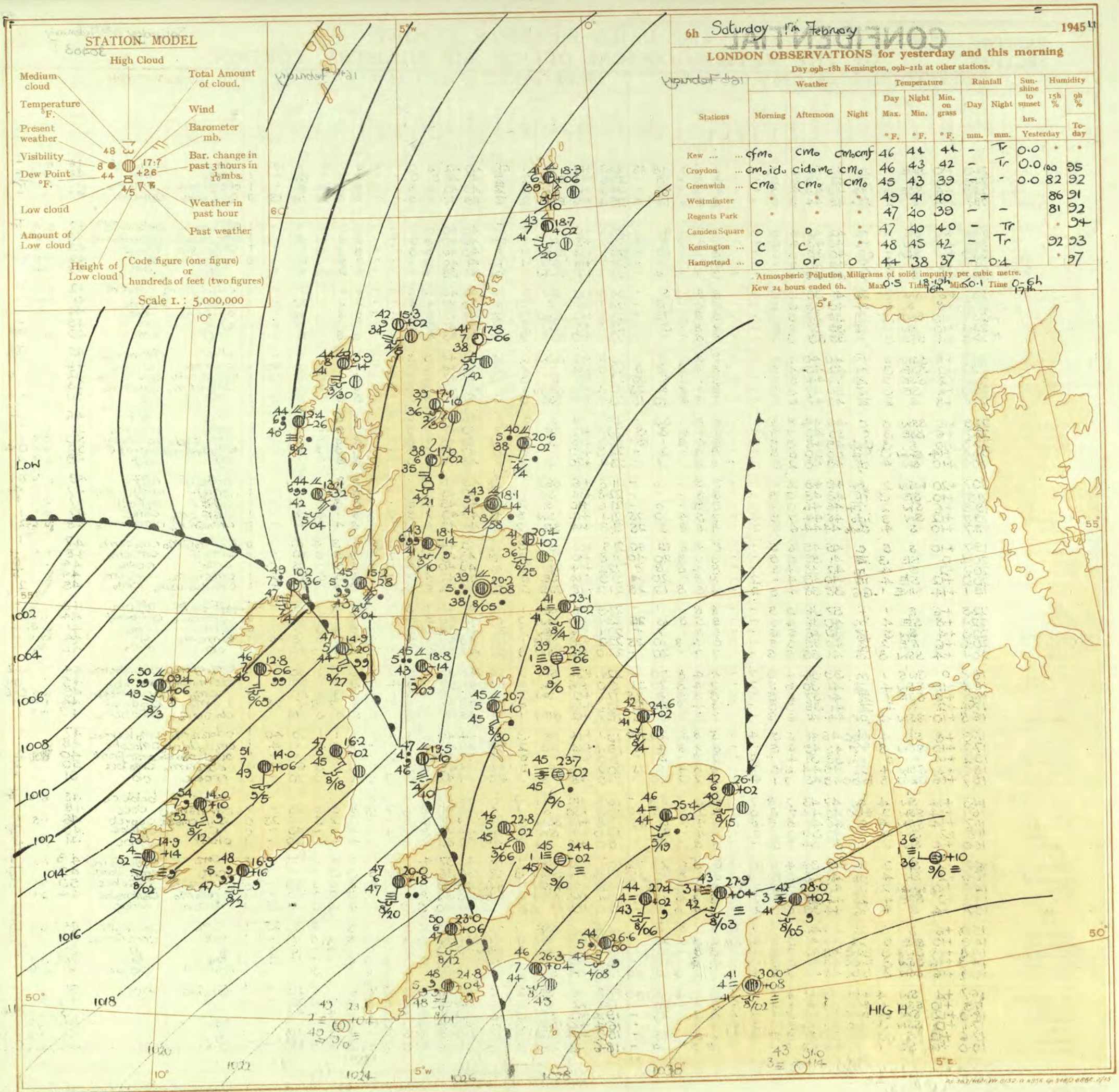
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

0 = Nil; 1 = Trace; 2 = 1/10; 3 = 1/4; 4 = 1/2; 5 = 3/4; 6 = 6/10; 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.

‡ See footnote p. 4.

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




6h Saturday 1st February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... | cfmo | cmo | cmocmf | 46 | 44 | 44 | – | Tr | 0.0 | * | * |
| Croydon ... | cmoidu | cidomc | cmo | 46 | 43 | 42 | – | Tr | 0.0 | 100 | 95 |
| Greenwich ... | cmo | cmo | cmo | 45 | 43 | 39 | – | - | 0.0 | 82 | 92 |
| Westminster | * | * | * | 49 | 41 | 40 | – | | | 86 | 91 |
| Regents Park | * | * | * | 47 | 40 | 39 | – | – | | 81 | 92 |
| Camden Square | o | o | * | 47 | 40 | 40 | – | Tr | | * | 94 |
| Kensington ... | c | c | * | 48 | 45 | 42 | – | Tr | | 92 | 93 |
| Hampstead ... | o | or | o | 44 | 38 | 37 | – | 0.4 | | * | 97 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0.5 Time 18-12h 16th Min <0.1 Time 0-6h 17th.

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

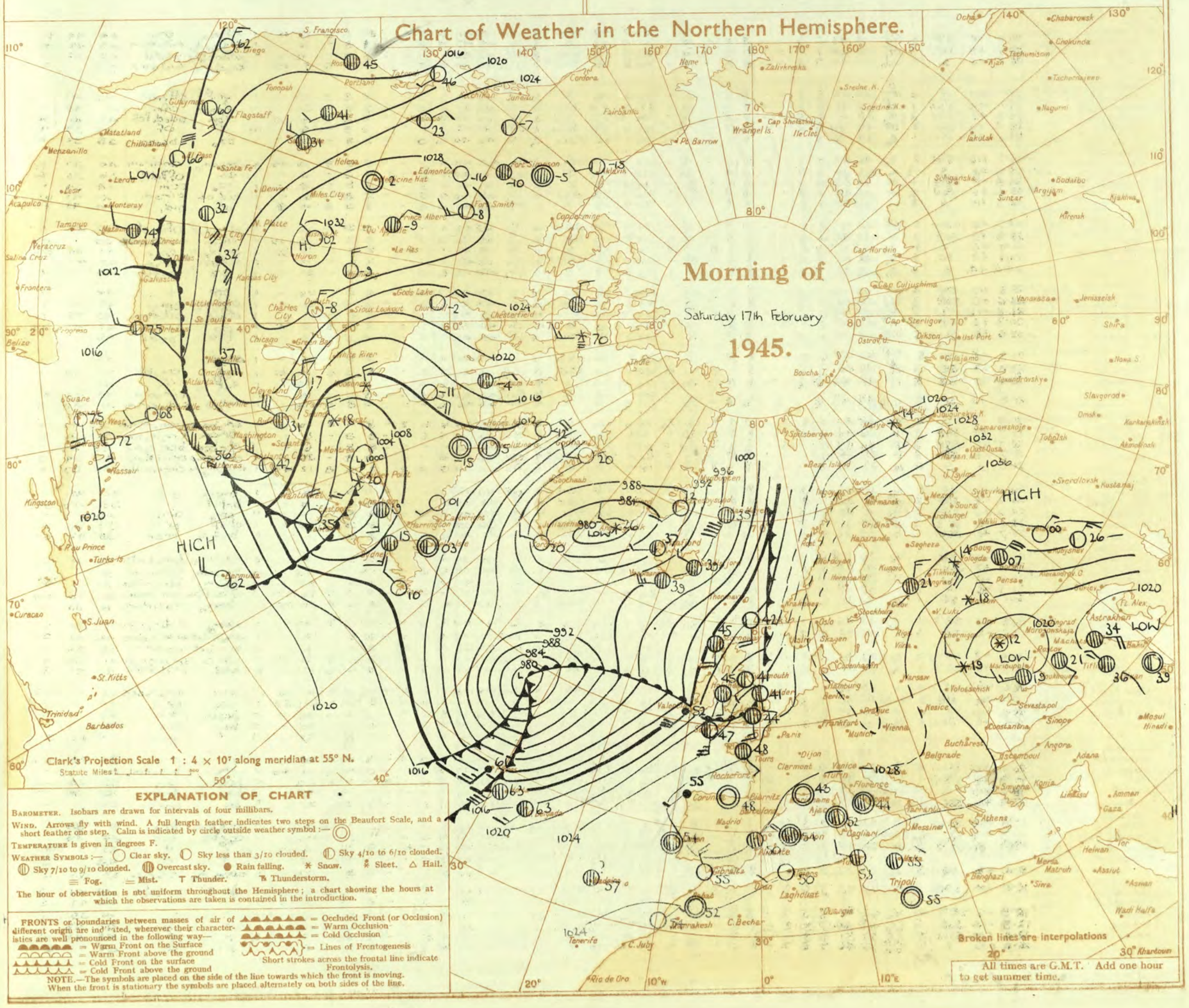
## GENERAL INFERENCE

A large anticyclone extends from North Russia to France. A deep depression in Mid-Atlantic is moving northeast. Weather will be mainly cloudy and mild with occasional rain in the North and West.

## FURTHER OUTLOOK

Similar.

# 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.

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.

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.

Saturday 17th February 1945

No. 30403.

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

| 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 | | * | * | * | * | 45 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 26.8 | +8 | S'E | 3 | o/d | 44 | 43 | 5 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Boscombe Down | 417 | 25.7 | +8 | S'E | 3 | dF | 44 | 44 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Thorney Island | 10 | 26.2 | +4 | S | 3 | id₀ | 44 | 44 | 5 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Friston | – | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 27.7 | +10 | – | 0 | of | 42 | 42 | 3 | 5 | - | - | 8 | 8 | - | 7 | - |
| | Manston | 140 | 27.1 | +10 | S'W | 1 | cf | 42 | 41 | 3 | 5 | - | - | 8 | 8 | - | 10 | - |
| 2 | North Weald | 244 | 26.4 | +2 | S'W | 2 | m | 43 | 41 | 4 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Felixstowe | 10 | 26.2 | +4 | SW | 2 | of | 42 | 40 | 3 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Gorleston | 5 | 25.6 | +2 | SSW | 1 | z₀ | 38 | 36 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| | Mildenhall | 15 | 26.7 | +16 | S'W | 2 | z₀ | 44 | 42 | 5 | 5 | - | - | 8 | 8 | - | 18 | - |
| | Bircham Newton | 221 | 25.6 | +4 | S | 2 | m | 42 | 40 | 4 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Cranwell | 203 | 24.8 | +8 | SSE | 1 | m | 39 | 39 | 4 | 5 | - | - | 8 | 8 | - | 8 | - |
| 3 | Cranfield | 340 | 25.4 | +6 | SW | 2 | m | 44 | 43 | 4 | 5 | - | - | 8 | 8 | - | 5 | - |
| | Honiley | 427 | 24.3 | +10 | S | 3 | m | 45 | 45 | 4 | 5 | - | - | 8 | 8 | - | 3 | - |
| 4 | Little Rissington | 731 | 24.7 | +4 | SSW | 3 | df | 43 | 43 | 2 | - | - | - | 9 | 9 | - | 0 | - |
| | Shobden | 318 | 23.8 | +2 | SSE | 2 | m | 45 | 45 | 4 | 5 | - | - | 8 | 8 | - | 4 | - |
| 5 | Bristol | 209 | 24.4 | +6 | S | 3 | z₀ | 48 | 47 | 5 | 5 | - | - | 8 | 4 | 8 | 3 | 8 |
| | Chivenor | 20 | 23.1 | +2 | SE | 3 | z₀ | 48 | 46 | 6 | 5 | - | - | 8 | 8 | - | 9 | - |
| | Yeovilton | 50 | 24.4 | +4 | S | 3 | z₀ | 48 | 48 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Portland Bill | 32 | 25.8 | +10 | ESE | 4 | rr | 45 | 44 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 100 | 24.6 | +6 | SSE | 3 | o/d | 48 | 48 | 5 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Plymouth | 86 | 24.8 | +16 | S'W | 2 | idm | 48 | 48 | 4 | 5 | - | - | 8 | 8 | - | 2 | - |
| | St. Eval | 345 | 20.3 | +2 | S'E | 5 | ir₀ | 47 | 47 | 5 | - | 2 | - | 8 | 8 | - | 4 | - |
| | The Lizard | 240 | 22.6 | +6 | SSW | 5 | o/f | 48 | 48 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Scilly, St. Marys | 163 | 21.3 | -4 | S | 5 | o/f | 47 | 47 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 6 | Fairwood | 268 | 23.5 | +6 | SE | 3 | cf | 46 | 46 | 3 | 5 | - | - | 8 | 5 | 8 | 1 | 15 |
| | Pembroke | 142 | 22.6 | 0 | SE | 5 | if | 45 | 45 | 5 | 5 | * | * | 8 | 8 | * | 20 | * |
| | Aberporth | 425 | | | | | | | | | | | | | | | | |
| 7 | Penrhos | 63 | 21.9 | +2 | SE | 2 | r₀r₀ | 43 | 43 | 6 | - | 2 | - | 8 | 8 | - | 90 | - |
| | Holyhead, Valley | 32 | 21.9 | -2 | S | 4 | z₀ | 45 | 44 | 6 | 5 | 7 | - | 8 | 4 | 8 | 13 | 72 |
| | Hawarden | 15 | 22.7 | +2 | SSE | 2 | m | 44 | 44 | 4 | 5 | - | - | 5 | 5 | - | 25 | - |
| 8 | Manchester | 230 | 22.7 | +2 | SSE | 3 | m | 44 | 42 | 4 | - | 3 | - | 3 | 3 | - | 150 | - |
| | Squires Gate | 30 | 21.7 | -6 | SE | 2 | m | 39 | 38 | 4 | - | 1 | - | 8 | 8 | - | - | - |
| | Silloth | 25 | 21.9 | 0 | – | 0 | m | 33 | 32 | 4 | - | - | 7 | 8 | 3 | 8 | 72 | - |
| 9 | Ashbourne | 590 | 24.0 | +2 | SE | 1 | m₀ | 43 | 43 | 4 | 5 | - | - | 8 | 8 | - | 7 | - |
| | Snaith | 30 | 24.2 | +2 | SSE | 2 | of | 41 | 40 | 2 | 5 | - | - | 8 | 8 | - | 11 | - |
| 10 | Spurn Head | 29 | 24.6 | +6 | S'E | 2 | z₀ | 41 | 40 | 6 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Leeming | 105 | 23.2 | +6 | SE'S | 2 | of+ | 39 | 39 | 2 | 5 | - | - | 8 | 8 | - | 5 | - |
| | Tynemouth | 108 | 23.7 | +4 | SSW | 2 | m | 39 | 38 | 4 | 5 | - | - | 4 | 4 | - | 15 | - |
| | Acklington | 138 | 22.7 | +4 | SW | 2 | z₀ | 36 | 34 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| 11 | St. Abb's Head | 280 | 20.4 | +2 | SSW | 3 | z₀ | 41 | 39 | 6 | 5 | - | - | 5 | 5 | - | 25 | - |
| | Leuchars | 31 | 20.7 | +6 | SW | 1 | z₀ | 38 | 38 | 6 | 5 | - | 8 | 4 | 3 | 4 | 40 | - |
| | Montrose | 22 | 21.3 | +4 | – | 0 | m | 38 | 38 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| 12 | Abbotsinch | 19 | 20.1 | 0 | SE | 1 | z₀ | 43 | 41 | 6 | 5 | - | - | 5 | 5 | - | 30 | - |
| | Prestwick | 30 | 20.3 | +2 | SE'S | 4 | z₀ | 43 | 40 | 6 | - | 4 | 6 | 4 | 2 | 4 | 100 | - |
| | West Freugh | 53 | 19.6 | -2 | SE | 3 | m | 42 | 42 | 4 | 5 | * | * | 8 | 8 | * | 4 | * |
| | Eskdalemuir | 794 | | | | | | | | | | | | | | | | |
| | Jurby, I. of Man | 84 | 20.8 | -2 | NE'N | 4 | z₀ | 43 | 41 | 6 | 5 | - | 7 | 8 | 4 | 8 | 16 | - |
| 13A | Machrihanish | 35 | 18.7 | +2 | SE'S | 5 | z₀ | 43 | 41 | 5 | 5 | - | - | 8 | 4 | 8 | 4 | 15 |
| | Tiree | 44 | 16.6 | -2 | S | 4 | c | 45 | 42 | 7 | - | 2 | - | 8 | 8 | - | - | - |
| | Oban | 74 | 19.1 | +4 | NE | 2 | b-bc | 42 | 40 | 8 | 5 | - | - | 3 | 3 | - | 25 | - |
| 13B | Stornoway | 12 | 15.4 | +16 | S | 4 | c | 45 | 39 | 8 | 2 | - | - | 7 | 3 | 6 | 20 | - |
| | Cape Wrath | 367 | 14.5 | +2 | SW | 5 | bejp | 43 | 39 | 9 | 5 | 6 | - | 4 | 3 | - | 40 | - |
| 15 | Dalwhinnie | 1176 | | | | | | | | | | | | | | | | |
| | Aberdeen | 79 | | | | | | 39 | | | | | | | | | | |
| | Fraserburgh | 76 | 20.0 | +10 | SSW | 4 | z₀ | 37 | 35 | 6 | 5 | - | - | 3 | 3 | - | 20 | - |
| | Alness | 63 | 17.9 | +2 | WSW | 1 | c | 37 | 34 | 8 | 5 | - | 6 | 7 | 1 | 7 | 30 | - |
| | Wick | 114 | 18.0 | +10 | S | 4 | b-bc | 41 | 37 | 7 | - | 1 | - | 3 | 3 | - | - | - |
| 16 | Hatston | 45 | 17.4 | +10 | SSE | 2 | z₀ | 39 | 37 | 6 | 5 | - | - | 3 | 3 | - | 30 | - |
| | Sumburgh | 15 | 17.8 | +12 | SSW | 3 | b | 42 | 41 | 7 | 5 | - | - | 1 | 1 | - | 8 | - |
| | Sullom Voe | 12 | 16.9 | +10 | S | 4 | b-bc | 42 | 40 | 7 | 2 | - | - | 3 | 3 | - | 15 | - |
| 17 | Blacksod Point † | 18 | 09.9 | -36 | SE'S | 3 | dr | 46 | 44 | 6 | * | 2 | * | 8 | 8 | * | 8 | * |
| 18 | Malin Head † | 84 | | | | | | | | | | | | | | | | |
| | Aldergrove | 294 | 18.4 | -6 | SE | 3 | ir₀ | 45 | 42 | 6 | 5 | - | - | 8 | 8 | - | 47 | - |
| | Cas. Archdale | 240 | 16.5 | -10 | SSE | 3 | rr | 44 | 43 | 7 | 6 | 2 | - | 8 | 3 | 8 | 6 | 15 |
| 19 | Birr Castle … † | 173 | | | | | | | | | | | | | | | | |
| | Collinstown † | 220 | 18.9 | -6 | SE'S | 4 | ir₀ | 42 | 41 | 8 | 5 | 2 | - | 8 | 8 | - | 12 | - |
| 20 | Foynes † | 3 | 12.9 | -14 | SSE | 6 | r₀r₀ | 48 | 44 | 7 | 5 | 2 | - | 8 | 8 | - | 22 | - |
| | Valentia † | 30 | 12.4 | 0 | SSW | 5 | r₀r₀ | 52 | 51 | 6 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Roches Point † | 22 | 16.0 | -16 | S | 6 | r₀r₀ | 47 | 46 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - |

## OBSERVATIONS at 06hr. G.M.T. 17th February (9 h.: State of Ground)

| 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 Hundreds of feet B (32) | State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 26.7 | +2 | SSW | 2 | z₀ | 45 | 43 | 6 | 5 | - | - | 8 | 6 | 8 | 18 | 15 | 1 |
| Croydon | 27.4 | +2 | S | 3 | m | 44 | 43 | 4 | 5 | - | - | 8 | 8 | - | 6 | - | 1 |
| Boscombe Down | 25.7 | -2 | S'W | 3 | dF | 45 | 45 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Thorney Island | 26.6 | 0 | S'W | 3 | id₀ | 44 | 44 | 5 | 5 | - | - | 8 | 4 | 8 | 8 | 25 | 1 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 28.6 | +6 | S | 2 | cF | 42 | 42 | 1 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| Manston | 27.3 | +4 | SSW | 3 | cf+ | 43 | 42 | 3 | 5 | - | - | 8 | 8 | - | 3 | - | 1 |
| North Weald | 26.8 | +2 | S'E | 3 | cf | 44 | 43 | 3 | 5 | - | - | 8 | 4 | 8 | 6 | 15 | 1 |
| Felixstowe | 27.4 | -6 | SSW | 2 | cF | 42 | 42 | 3 | 5 | - | - | 8 | 8 | - | 6 | - | 0 |
| Gorleston | 26.1 | +2 | SSW | 3 | z₀ | 42 | 40 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Mildenhall | 25.4 | -2 | SSW | 3 | m | 46 | 44 | 4 | 5 | - | - | 8 | 6 | 8 | 18 | 40 | 1 |
| Bircham Newton | 25.8 | +2 | S | 3 | cf | 44 | 44 | 3 | 5 | - | - | 8 | 8 | - | 3 | - | 1 |
| Cranwell | 14.3 | -2 | S | 2 | m | 41 | 41 | 4 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| Cranfield | 25.3 | -2 | SW | 4 | ir₀ | 46 | 44 | 4 | 5 | - | - | 8 | 8 | - | 5 | - | 1 |
| Honiley | 23.9 | -6 | S | 3 | mf | 45 | 45 | 4 | 5 | - | - | 8 | 5 | 8 | 4 | 8 | 1 |
| Little Rissington | 24.4 | -2 | SSW | 4 | F+ | 45 | 45 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Shobden | 22.8 | -4 | SE | 3 | z₀ | 46 | 45 | 5 | 5 | - | - | 5 | 3 | 5 | 6 | 15 | 1 |
| Bristol | 24.3 | +2 | S | 4 | z₀ | 48 | 47 | 6 | 5 | - | - | 8 | 3 | 8 | 9 | 25 | 1 |
| Chivenor | 23.0 | +6 | SSE | 3 | z₀ | 50 | 47 | 6 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| Yeovilton | 25.0 | -4 | S | 3 | ir₀ | 49 | 48 | 6 | 5 | - | - | 8 | 8 | - | 9 | - | 1 |
| Portland Bill | 26.3 | +4 | SE | 4 | o | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 45 | - | 1 |
| Exeter | 24.7 | +2 | SSE | 3 | c | 49 | 47 | 6 | 5 | - | - | 8 | 8 | - | 9 | - | 1 |
| Plymouth | 24.8 | -4 | S'W | 4 | dd | 48 | 48 | 5 | 5 | - | - | 8 | 8 | - | 1 | - | 1 |
| St. Eval | 23.1 | 0 | S | 4 | d- | 49 | 48 | 5 | 6 | 2 | - | 8 | 4 | 8 | 3 | 5 | 1 |
| The Lizard | 23.3 | 0 | SSW | 4 | df | 49 | 49 | 2 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Scilly, St. Marys | 28.1 | +4 | SSW | 4 | f | 49 | 49 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Fairwood | 23.0 | -4 | SSE | 3 | ddf | 46 | 46 | 3 | 5 | - | - | 8 | 5 | 8 | 10 | 15 | 1 |
| Pembroke | 20.0 | -18 | S | 6 | c/- | 47 | 47 | 6 | 5 | - | - | 8 | 8 | - | 20 | - | 1 |
| Aberporth | 20.- | -8 | S | 6 | d₀d. | 48 | 46 | 6 | 6 | - | - | 8 | 8 | - | 10 | - | 1 |
| Penrhos | 20.2 | -6 | S | 4 | rr | 45 | 45 | 6 | - | 2 | - | 8 | 8 | - | 10 | - | 1 |
| Holyhead, Valley | 19.5 | -10 | S | 6 | d-m | 47 | 46 | 4 | 6 | 2 | - | 8 | 4 | 8 | 10 | 15 | 1 |
| Hawarden | 21.6 | -12 | SSE | 3 | c/- | 46 | 45 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| Manchester | 22.1 | -10 | S'E | 3 | i-m | 46 | 45 | 4 | - | 2 | - | 8 | 8 | - | 6 | - | 1 |
| Squires Gate | 20.7 | -10 | SSE | 4 | c/r | 45 | 45 | 5 | - | 2 | - | 8 | 8 | - | 30 | - | 1 |
| Silloth | 19.9 | -12 | E | 2 | ir₀ | 40 | 40 | 5 | 5 | 2 | - | 8 | 4 | 8 | 12 | 40 | 1 |
| Ashbourne | 23.7 | -2 | SSE | 2 | dF | 45 | 45 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Snaith | 23.3 | -6 | SSE | 2 | F+ | 44 | 44 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Spurn Head | 24.6 | +2 | S'W | 3 | z₀ | 42 | 41 | 5 | 5 | - | - | 8 | 8 | - | - | - | 0 |
| Leeming | 22.2 | -6 | S'E | 1 | F | 39 | 39 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Tynemouth | 23.1 | -2 | SW | 2 | m | 41 | 41 | 4 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| Acklington | 22.1 | -8 | SW | 1 | F | 35 | 34 | 3 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| St. Abb's Head | 20.4 | +2 | S | 2 | z₀ | 41 | 36 | 6 | 5 | - | - | 6 | 6 | - | 25 | - | 0 |
| Leuchars | 18.1 | -14 | – | 0 | ir₀ | 43 | 41 | 5 | 5 | 2 | - | 8 | 8 | - | 58 | - | 1 |
| Montrose | 20.9 | -6 | – | 0 | ir₀ | 36 | 36 | 5 | 5 | 1 | - | 8 | 3 | 5 | 20 | 37 | 1 |
| Abbotsinch | 18.1 | -14 | ESE | 2 | d₀d. | 43 | 41 | 6 | 5 | - | - | 8 | 3 | 8 | 10 | 25 | 1 |
| Prestwick | 17.4 | -24 | SE | 4 | O | 44 | 40 | 5 | 5 | - | - | 4 | 3 | 8 | 22 | - | 1 |
| West Freugh | 17.3 | -26 | SE | 4 | rm | 43 | 42 | 4 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Eskdalemuir | 20.2 | -8 | – | 0 | r- | 39 | 38 | 5 | - | 2 | - | 8 | 8 | - | 5 | - | 1 |
| Jurby, I. of Man | 18.8 | -14 | SE | 2 | r₀r. | 45 | 43 | 5 | 6 | 2 | - | 8 | 5 | 8 | 5 | 15 | 1 |
| Machrihanish | 15.2 | -28 | SE | 6 | dd | 45 | 43 | 5 | 5 | - | - | 8 | 4 | 8 | 5 | 15 | 1 |
| Tiree | 13.1 | -32 | SE | 6 | d₀d. | 44 | 42 | 6 | 5 | 2 | - | 6 | 5 | 8 | 9 | 15 | 1 |
| Oban | 16.4 | -22 | W | 2 | ir₀ | 42 | 40 | 7 | 6 | 2 | - | 8 | 4 | 7 | 5 | 57 | 1 |
| Stornoway | 13.9 | -14 | S | 4 | c.bc | 44 | 41 | 8 | 5 | 7 | - | 5 | 3 | 4 | 30 | - | 0 |
| Cape Wrath | 15.3 | +2 | SSW | 4 | bc | 42 | 39 | 9 | 5 | - | - | 4 | 4 | - | 25 | - | 0 |
| Dalwhinnie | 17.0 | -2 | S | 4 | c | 38 | 35 | 6 | 8 | - | 6 | 7 | 4 | 3 | 21 | - | 1 |
| Aberdeen | 20.6 | -2 | SSW | 2 | r | 40 | 38 | 5 | 6 | 2 | - | 8 | 5 | 8 | 15 | 25 | 1 |
| Fraserburgh | 20.5 | +6 | S | 4 | z₀ | 39 | 37 | 5 | 5 | - | - | 5 | 4 | 5 | 10 | 40 | 1 |
| Alness | 17.1 | -10 | SE | 1 | bc | 38 | 36 | 7 | 5 | - | 8 | 4 | 2 | 4 | 30 | - | 0 |
| Wick | 17.8 | -6 | S | 3 | b | 41 | 38 | 7 | 5 | - | - | 2 | 2 | - | 42 | - | P |
| Hatston | 17.5 | -6 | S'E | 3 | b.bc | 41 | 39 | 7 | 5 | - | - | 3 | 3 | - | 25 | - | 1 |
| Sumburgh | 18.7 | +2 | S'W | 3 | c.bc | 43 | 41 | 7 | 5 | 1 | - | 5 | 1 | 5 | 20 | - | 1 |
| Sullom Voe | 18.3 | +6 | SE | 3 | z₀ | 41 | 39 | 6 | 5 | 2 | - | 7 | 3 | 7 | 10 | - | 1 |
| Blacksod Point † | 09.4 | +6 | S'W | 5 | d₀d. | 50 | 49 | 6 | - | 2 | - | 8 | 8 | - | 8 | - | 2 |
| Malin Head † | 10.2 | -34 | S | 4 | ir | 43 | 41 | 7 | 5 | - | - | 7 | 7 | - | 15 | - | 2 |
| Aldergrove | 14.3 | -20 | SE'S | 4 | c/d | 47 | 44 | 5 | 5 | - | - | 8 | 8 | - | 27 | - | 1 |
| Cas. Archdale | 12.8 | -6 | S'E | 3 | c/d | 46 | 46 | 7 | 5 | - | - | 8 | 6 | 8 | 5 | 15 | 1 |
| Birr Castle † | 14.0 | +6 | S | 2 | c | 51 | 49 | 7 | 5 | - | - | 8 | 5 | - | 25 | - | 1 |
| Collinstown † | 16.2 | -2 | SE | 3 | c | 47 | 45 | 8 | 5 | - | - | 8 | 8 | - | 18 | - | 1 |
| Foynes † | 14.0 | +10 | SE'S | 3 | id₀ | 53 | 52 | 7 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| Valentia † | 14.9 | +14 | S'W | 4 | rr/d | 53 | 52 | 4 | 5 | - | - | 8 | 8 | - | 2 | - | 2 |
| Roches Point † | 16.9 | +16 | S | 3 | dd | 48 | 47 | 5 | 5 | - | - | 8 | 8 | - | 5 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | cfm₀ | cm. | 44 | 44 | T- |
| Croydon | cmcm₀id | cid₀mcm | 43 | 43 | T- |
| Boscombe Down | oFe₀id₀Fe | pFdd | 43 | 43 | 1 |
| Thorney Island | cd₀dm₀ | cidom. | 43 | | T- |
| Friston | | | | | |
| Lympne | omff | offmFF | 40 | 41 | - |
| Manston | ofomof | ofm | 41 | 40 | - |
| North Weald | cfom | od₀d.fcf | 42 | 41 | T- |
| Felixstowe | of | of | 40 | 37 | T- |
| Gorleston | bz₀ | bz₀cz₀ | 38 | 32 | 0.1 |
| Mildenhall | bm₀cm₀ | omcirom | 40 | 37 | T- |
| Bircham Newton | cm | ofJdof | 36 | 35 | T- |
| Cranwell | cz₀ | ccm | 38 | 34 | 1 |
| Cranfield | cid₀cm | cirom | 44 | 41 | 0.3 |
| Honiley | om | oid. | 44 | 43 | T- |
| Little Rissington | ofod₀d₀f | ofir₀of | 43 | 43 | 1 |
| Shobden | cm₀om | crsr.momo.. | 39 | | 0.1 |
| Bristol | cmid₀om₀ | cm. | 47 | 44 | 0.1 |
| Chivenor | bcm₀om₀ | cirom. | 48 | 47 | - |
| Yeovilton | cz | idorir. | 43 | | 1 |
| Portland Bill | orr | c | 44 | * | 2 |
| Exeter | oid₀mo | om. | 47 | 47 | 1 |
| Plymouth | ofdodo | od₀dod | 45 | 45 | 2 |
| St. Eval | | ir₀dm | 47 | 46 | 0.3 |
| The Lizard | ffo | cprdf | 46 | * | 1 |
| Scilly, St. Marys | orefc | | 46 | * | 1 |
| Fairwood | of | cm₀bf | 44 | 38 | 1 |
| Pembroke | cif | ciif | 42 | * | 1 |
| Aberporth | | cirimd | 43 | 43 | 0.2 |
| Penrhos | cm₀w | cid₀r₀r₀m. | 41 | 39 | 9 |
| Holyhead, Valley | cm₀bmom | wcm.cr.r₀m. | 42 | 42 | 2 |
| Hawarden | bmcm | crr₀m.cm. | 38 | 30 | 2 |
| Manchester | cbcbcm | bcr.r₀mc | 43 | 36 | 2 |
| Squires Gate | cbcbmw | omwiRm. | 35 | 34 | 3 |
| Silloth | cm₀bm₀cm | cmbcmid₀ | 32 | 27 | 1 |
| Ashbourne | omcm | orf | 42 | 42 | 2 |
| Snaith | bcfcf | | 38 | 34 | 0.1 |
| Spurn Head | cm₀ | om. | 40 | * | - |
| Leeming | cfof | of | 37 | 35 | T- |
| Tynemouth | bcm₀m | bcom | 38 | 32 | 0.1 |
| Acklington | cm₀bm₀ | bm₀bmff | 32 | 27 | 0.3 |
| St. Abb's Head | bm₀bcm₀ | bcm₀cm. | 38 | * | - |
| Leuchars | bcbm₀ | bcm.cirom. | 35 | 31 | 0.2 |
| Montrose | cfbcofbm | bmcmcm. | 33 | 25 | 0.4 |
| Abbotsinch | bcm₀ | cr₀r₀dom. | 44 | 35 | 2 |
| Prestwick | cbcm₀ | d₀d₀r₀r₀r | 41 | 38 | 4 |
| West Freugh | cm₀ofeom | wor₀r₀drm | 42 | 41 | 9 |
| Eskdalemuir | or₀r₀m. | corrm. | 36 | 36 | 2 |
| Jurby, I. of Man | cbcc | omoir₀r₀d | 41 | 36 | 1 |
| Machrihanish | ccz | rrdrrdd. | 43 | 41 | 8 |
| Tiree | cw | om.m₀or.r. | 43 | 42 | 0.2 |
| Oban | cbc | cr₀r₀ | 41 | * | - |
| Stornoway | bccbc | cbc | 43 | | T- |
| Cape Wrath | bejp | cbc | 41 | * | - |
| Dalwhinnie | | bcir₀ | 36 | 32 | 0.3 |
| Aberdeen | | crm₀ | 37 | 28 | 0.2 |
| Fraserburgh | bm₀ | bm₀cm. | 34 | | - |
| Alness | bbcc | cbc | 35 | 29 | 0.1 |
| Wick | bbc | bcc | 33 | 36 | - |
| Hatston | bc | bccbc | 36 | * | - |
| Sumburgh | cr₀r₀bc | bcz | 41 | 39 | - |
| Sullom Voe | cr₀r₀bc | bcc | 39 | 34 | - |
| Blacksod Point † | r | d | 45 | * | 9 |
| Malin Head † | * | r | 43 | * | 3 |
| Aldergrove | cbcir₀m₀ | rrd₀d.cm. | 43 | 36 | 5 |
| Cas. Archdale | cbccrr | crrd₀dm | 43 | 41 | 5 |
| Birr Castle † | * | - | 46 | 43 | 2 |
| Collinstown † | r | c | 41 | 39 | 4 |
| Foynes † | r | d | 47 | 46 | 1 |
| Valentia † | r | f | 48 | 46 | 14 |
| Roches Point † | r | d | 46 | * | 5 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

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

Sunday 18th February 1945

No. 30404.

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

| 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 ... | 27.7 | +6 | SWS | 3 | ⊘ | 49 | 46 | 6 | 5 | – | – | 8 | 7 | 8 | 15 | 25 |
| | Croydon ... | 28.2 | +6 | S | 4 | ⊘ | 51 | 46 | 6 | 5 | 7 | – | 8 | 5 | 8 | 10 | – |
| | Boscombe Down | 26.7 | +6 | SSW | 4 | ⊘ | 49 | 48 | 6 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Thorney Island | 27.9 | +12 | S | 3 | id. | 47 | 45 | 6 | 5 | – | – | 8 | 3 | 8 | 7 | 8 |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 29.8 | +8 | SW | 2 | m/f | 45 | 45 | 4 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Manston ... | 29.3 | +10 | SW | 3 | ⊘ | 46 | 45 | 5 | 5 | – | – | 8 | 8 | – | 4 | – |
| 2 | North Weald | 27.5 | +4 | S | 3 | m/f | 50 | 46 | 4 | 5 | – | – | 8 | 4 | 8 | 8 | 15 |
| | Felixstowe ... | 28.0 | +6 | SSW | 3 | ⊘ | 45 | 43 | 5 | 5 | 7 | – | 6 | 4 | 6 | 15 | – |
| | Gorleston ... | 26.4 | +2 | SE | 4 | f+ | 45 | 44 | 3 | – | – | – | 9 | 9 | – | 0 | – |
| | Mildenhall | 26.7 | +4 | SW | 4 | ⊘ | 50 | 47 | 5 | 5 | – | – | 8 | 5 | 8 | 7 | 15 |
| | Bircham Newton | 26.1 | +2 | S | 3 | ⊘ | 48 | 47 | 5 | 5 | – | – | 8 | 8 | – | 6 | – |
| | Cranwell ... | 24.8 | +2 | SW | 3 | ⊘ | 49 | 48 | 6 | 6 | 2 | – | 8 | 5 | 8 | 6 | 15 |
| 3 | Cranfield ... | 25.9 | +2 | WSW | 4 | ⊘ | 50 | 47 | 6 | 5 | – | – | 8 | 4 | 8 | 7 | 15 |
| | Honiley ... | 24.8 | +8 | SSW | 4 | c | 51 | 47 | 7 | 5 | – | – | 8 | 6 | 8 | 8 | 15 |
| 4 | Little Rissington | 25.3 | +2 | WSW | 5 | ⊘ | 48 | 48 | 5 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Shobden ... | 24.6 | +10 | S | 3 | ⊘ | 51 | 49 | 6 | 5 | 7 | – | 8 | 4 | 5 | 8 | 15 |
| 5 | Bristol ... | 26.0 | +10 | S | 1 | ⊘ | 51 | 49 | 6 | 5 | 7 | – | 8 | 5 | 7 | 5 | 25 |
| | Chivenor ... | 25.6 | +15 | SE'E | 2 | c | 52 | 50 | 7 | 5 | – | – | 8 | 4 | 8 | 6 | 8 |
| | Yeovilton | 26.3 | +10 | SW | 3 | id. | 50 | 50 | 6 | 5 | – | – | 8 | 5 | 8 | 7 | 15 |
| | Portland Bill | 27.5 | +12 | SSW | 4 | of | 46 | 44 | 2 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Exeter ... | 26.5 | +10 | SE | 2 | c | 53 | 49 | 8 | 5 | 1 | – | 8 | 5 | 8 | 10 | – |
| | Plymouth ... | 26.7 | +10 | S | 1 | df | 49 | 49 | 3 | 5 | – | – | 8 | 8 | – | – | – |
| | St. Eval ... | 25.7 | +16 | SE | 3 | f– | 52 | 52 | 3 | 5 | – | – | 8 | 8 | – | 1 | – |
| | The Lizard | 25.7 | +18 | SW | 4 | cf | 49 | 48 | 1 | 5 | – | – | 8 | 8 | – | 1 | – |
| | Scilly, St. Marys | 24.7 | +18 | SWS | 4 | F | 51 | 51 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Fairwood ... | 25.6 | +18 | S | 3 | df | 49 | 49 | 3 | 5 | – | – | 8 | 8 | – | 3 | – |
| 6 | Pembroke ... | 23.5 | +14 | SW | 5 | F | 47 | 47 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Aberporth ... | 23.0 | +16 | SW | 5 | id. | 49 | 48 | 5 | 5 | – | – | 8 | 8 | – | 25 | – |
| 7 | Penrhos ... | 22.4 | +20 | SSW | 4 | id. | 49 | 49 | 5 | 5 | – | – | 8 | 8 | – | 8 | – |
| | Holyhead, Valley | 22.1 | +6 | SE | 5 | of+ | 48 | 48 | 2 | 5 | – | – | 8 | 8 | – | 0 | – |
| | Hawarden ... | 22.3 | +10 | SSE | 3 | c/d | 51 | 49 | 6 | 5 | – | – | 8 | 5 | 8 | 20 | 40 |
| 8 | Manchester | 23.2 | +12 | S | 4 | id. | 50 | 48 | 4 | 5 | – | – | 8 | 5 | 8 | 6 | 15 |
| | Squires Gate | 21.6 | +8 | S | 4 | r.r. | 50 | 49 | 4 | 5 | – | – | 8 | 8 | – | 10 | – |
| | Silloth ... | 19.9 | +4 | SSW | 4 | o/r | 49 | 47 | 8 | 5 | – | – | 8 | 8 | – | 16 | – |
| 9 | Ashbourne ... | 24.2 | +6 | SSE | 2 | m | 48 | 48 | 4 | – | 2 | – | 8 | 8 | – | – | – |
| | Snaith ... | 23.5 | 0 | SE | 3 | c/r | 50 | 49 | 4 | 5 | 3 | – | 7 | 4 | 7 | 8 | – |
| 10 | Spurn Head | 24.6 | 0 | S | 4 | ⊘ | 45 | 45 | 5 | 5 | 2 | – | 8 | 5 | 3 | 15 | 57 |
| | Leeming | 22.3 | 0 | ESE | 3 | of– | 46 | 46 | 3 | 5 | – | – | 8 | 8 | – | 7 | – |
| | Tynemouth | 22.3 | 0 | SE | 3 | m | 45 | 43 | 4 | 5 | – | – | 7 | 7 | – | 14 | – |
| | Acklington | 20.7 | -6 | SE | 4 | cf– | 47 | 45 | 3 | 5 | 7 | – | 7 | 4 | 6 | 8 | – |
| 11 | St. Abb's Head | 19.1 | 0 | S | 3 | ⊘ | 45 | 43 | 6 | 5 | 7 | – | 7 | 4 | 4 | 25 | – |
| | Leuchars ... | 18.4 | -4 | – | 0 | ⊘ | 46 | 43 | 6 | 5 | 7 | – | 8 | 4 | 5 | 20 | 25 |
| | Montrose ... | 19.6 | -4 | S | 3 | ⊘ | 43 | 41 | 5 | 5 | – | – | 8 | 4 | 8 | 15 | 40 |
| 12 | Abbotsinch | 17.1 | -2 | NE | 2 | cf+ | 45 | 45 | 4 | 5 | – | – | 8 | 5 | 8 | 12 | – |
| | Prestwick ... | 17.3 | +6 | SE'S | 4 | id. | 49 | 45 | 8 | 5 | 7 | – | 8 | 4 | 5 | 15 | 15 |
| | West Freugh | 18.3 | +6 | SSE | 3 | ⊘ | 45 | 45 | 5 | 5 | – | – | 8 | 7 | 8 | 2 | 8 |
| | Eskdalemuir | 20.6 | +10 | SSW | 4 | r.r. | 45 | 45 | 5 | – | 2 | – | 8 | 8 | – | 2 | – |
| | Jurby, I. of Man | 18.9 | +6 | SWS | 5 | c | 53 | 50 | 8 | 5 | 7 | – | 8 | 1 | 3 | 2 | 5 |
| 13A | Machrihanish | 15.7 | +16 | SE'S | 4 | c/d | 47 | 46 | 6 | 5 | – | – | 8 | 4 | 8 | 4 | 15 |
| | Tiree ... | 12.3 | +2 | SW | 5 | d.d. | 47 | 47 | 5 | 6 | 2 | – | 8 | 5 | – | 2 | – |
| | Oban ... | 15.3 | +2 | – | 0 | rr | 46 | 45 | 6 | – | 2 | – | 8 | 8 | – | 10 | – |
| 13B | Stornoway ... | 09.6 | -22 | S | 5 | r.d. | 46 | 44 | 6 | 5 | 2 | – | 8 | 4 | 8 | 10 | 15 |
| | Cape Wrath | 11.9 | -18 | SE | 3 | ⊘ | 45 | 40 | 8 | 5 | 7 | – | 7 | 5 | – | 15 | – |
| 15 | Dalwhinnie | 15.7 | -4 | S | 5 | c | 41 | 38 | 7 | 8 | 7 | – | 8 | 6 | 2 | 19 | 72 |
| | Aberdeen ... | 18.7 | -6 | SSE | 3 | m | 43 | 41 | 4 | 5 | 2 | – | 8 | 4 | 8 | 8 | – |
| | Fraserburgh | 18.5 | -4 | SSE | 5 | cf | 43 | 42 | 3 | 5 | 2 | – | 8 | 6 | 8 | 15 | – |
| | Alness ... | 13.8 | -14 | WSW | 1 | c | 47 | 41 | 8 | 5 | 7 | – | 7 | 5 | 7 | 35 | – |
| | Wick ... | 15.6 | -10 | SSE | 5 | ⊘ | 43 | 39 | 6 | – | 7 | – | 8 | 8 | – | – | – |
| 16 | Hatston ... | 15.2 | -16 | SE | 5 | ⊘ | 44 | 39 | 6 | 5 | 7 | 7 | 8 | 4 | 5 | 60 | – |
| | Sumburgh ... | 17.7 | -8 | SE | 5 | ⊘ | 43 | 43 | 6 | 5 | 1 | – | 8 | 4 | 8 | 6 | – |
| | Sullom Voe | 18.0 | -8 | SE'S | 5 | ⊘ | 43 | 41 | 5 | 5 | – | – | 7 | 5 | 7 | 10 | 25 |
| 17 | Blacksod Point† | 13.6 | +22 | SW | 5 | id. | 51 | 50 | 6 | – | 2 | – | 8 | 8 | – | 8 | – |
| 18 | Malin Head † | 12.8 | +18 | SW | 5 | c | 54 | 52 | 8 | 6 | 2 | – | 7 | 3 | – | 8 | – |
| | Aldergrove | 17.1 | +16 | S | 4 | c | 53 | 49 | 7 | 5 | – | – | 7 | 5 | 7 | 8 | 25 |
| | Cas. Archdale | 16.2 | +22 | SSW | 3 | id. | 55 | 52 | 8 | 5 | – | – | 8 | 5 | 8 | 9 | 25 |
| 19 | Birr Castle ... † | 17.9 | +14 | SSW | 1 | c | 55 | 50 | 7 | 5 | 2 | – | 8 | 5 | – | 25 | – |
| | Collinstown † | 19.0 | +14 | SWW | 4 | c | 57 | 52 | 8 | 5 | – | – | 7 | 7 | – | 35 | – |
| 20 | Foynes ... † | 18.1 | +16 | SWS | 3 | c | 59 | 54 | 8 | 5 | – | – | 8 | 8 | – | 18 | – |
| | Valentia ... † | 19.3 | +18 | S | 4 | id. | 53 | 52 | 6 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Roches Point † | 21.4 | +18 | SW | 2 | df | 49 | 48 | 3 | 5 | – | – | 8 | 8 | – | 2 | – |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 28.6 | +14 | SSW | 3 | ⊘ | 48 | 47 | 5 | 5 | – | – | 8 | 3 | 8 | 15 | 15 | 1 |
| Croydon ... | 28.8 | +2 | SW | 3 | ⊘ | 49 | 48 | 5 | 5 | – | – | 8 | 8 | – | 15 | – | 1 |
| Boscombe Down | 27.8 | +10 | SSW | 3 | of | 49 | 49 | 1 | 5 | – | – | 8 | 8 | – | 0 | – | 1 |
| Thorney Island | 29.1 | +12 | SWS | 2 | df | 46 | 46 | 2 | 5 | – | – | 9 | 9 | – | 0 | – | 1 |
| Friston ... | | | | | | | | | | | | | | | | | |
| Lympne ... | 29.6 | +6 | SW | 3 | cf | 46 | 46 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Manston ... | 29.3 | +4 | SWS | 2 | ⊘ | 48 | 47 | 5 | 5 | – | – | 8 | 6 | 8 | 8 | 15 | 1 |
| North Weald | 28.5 | +12 | S | 2 | of | 49 | 47 | 2 | 5 | – | – | 8 | 8 | – | 5 | – | 1 |
| Felixstowe ... | 27.6 | +2 | SSW | 4 | ⊘ | 45 | 42 | 5 | 5 | 7 | – | 8 | 5 | 8 | 35 | – | 0 |
| Gorleston ... | 26.4 | 0 | S | 3 | m | 42 | 39 | 4 | 5 | – | – | 8 | 8 | – | 10 | – | 0 |
| Mildenhall | 26.8 | +6 | SWS | 3 | ⊘ | 52 | 50 | 5 | 5 | – | – | 8 | 4 | 8 | 12 | 15 | 1 |
| Bircham Newton | 26.6 | +10 | SW | 4 | ⊘ | 51 | 49 | 4 | 5 | – | – | 8 | 8 | – | 8 | – | 1 |
| Cranwell ... | 25.5 | +10 | SW | 3 | ⊘ | 50 | 50 | 5 | 5 | – | – | 8 | 4 | 8 | 6 | 15 | 1 |
| Cranfield ... | 26.8 | +10 | SWW | 4 | ⊘ | 50 | 48 | 5 | 5 | – | – | 8 | 4 | 8 | 4 | 15 | 1 |
| Honiley ... | 26.1 | +12 | WSW | 3 | ⊘ | 52 | 50 | 5 | 5 | – | – | 8 | 4 | 8 | 10 | 15 | 1 |
| Little Rissington | 26.7 | +10 | SW | 4 | f+ | 49 | 49 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Shobden ... | 26.1 | +14 | SSW | 2 | c | 53 | 51 | 7 | 5 | 3 | – | 8 | 4 | 5 | 18 | 40 | 1 |
| Bristol ... | 26.8 | +8 | S | 1 | ⊘ | 53 | 51 | 6 | 5 | 7 | – | 8 | 2 | 7 | 10 | 15 | 1 |
| Chivenor ... | 26.6 | +10 | – | 0 | c/d | 53 | 52 | 6 | 5 | – | – | 8 | 4 | 8 | 2 | 4 | 1 |
| Yeovilton | 27.3 | +8 | SSW | 1 | ⊘ | 51 | 50 | 6 | 5 | – | – | 8 | 5 | 8 | 4 | 8 | 0 |
| Portland Bill | 28.0 | +4 | SSW | 4 | of | 46 | 44 | 2 | 5 | – | – | 8 | 8 | – | 25 | – | 1 |
| Exeter ... | 27.8 | +12 | SE | 1 | c | 52 | 50 | 7 | 5 | – | – | 8 | 4 | 8 | 15 | 40 | 1 |
| Plymouth ... | 28.0 | +10 | SW | 1 | df | 49 | 49 | 2 | 5 | – | – | 8 | 8 | – | 0 | – | 1 |
| St. Eval ... | 27.5 | +14 | SSW | 3 | df | 53 | 52 | 3 | 5 | – | – | 8 | 8 | – | 1 | – | 1 |
| The Lizard | 27.1 | +14 | SW | 2 | F | 49 | 49 | 1 | 5 | – | – | 8 | 8 | – | 0 | – | 1 |
| Scilly, St. Marys | 26.5 | +12 | SWS | 4 | F | 50 | 50 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Fairwood ... | 27.0 | +14 | S | 3 | df | 49 | 49 | 1 | 5 | – | – | 8 | 8 | – | 0 | – | 1 |
| Pembroke ... | 25.3 | +8 | SSW | 3 | F | 47 | 47 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Aberporth ... | 25.1 | +14 | SW | 4 | f+ | 49 | 48 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Penrhos ... | 24.2 | +10 | SE | 3 | id. | 49 | 49 | 6 | 5 | – | – | 8 | 8 | – | 3 | – | 1 |
| Holyhead, Valley | 23.4 | +8 | S | 5 | of | 48 | 48 | 3 | 5 | – | – | 8 | 8 | – | 10 | – | 1 |
| Hawarden ... | 23.9 | +10 | SSE | 2 | ⊘ | 53 | 53 | 6 | 5 | – | – | 8 | 8 | – | 20 | – | 1 |
| Manchester | 23.9 | +10 | SW | 4 | ⊘ | 53 | 50 | 6 | 5 | – | – | 7 | 7 | – | 30 | – | 1 |
| Squires Gate | 23.2 | +12 | S | 3 | ⊘ | 52 | 50 | 5 | 5 | – | – | 8 | 7 | 8 | 10 | 15 | 1 |
| Silloth ... | 20.8 | +8 | SSW | 4 | c | 50 | 48 | 7 | 5 | 2 | – | 8 | 5 | 6 | 15 | 25 | 1 |
| Ashbourne ... | 25.6 | +12 | SSW | 1 | m | 49 | 49 | 4 | 5 | 2 | – | 8 | 6 | 8 | 5 | 15 | 1 |
| Snaith ... | 24.4 | +10 | SSW | 2 | m | 53 | 49 | 4 | 5 | 7 | – | 7 | 6 | 7 | 5 | – | 1 |
| Spurn Head | 24.6 | +6 | SSW | 3 | ⊘ | 46 | 45 | 5 | 5 | – | – | 8 | 8 | – | 15 | – | 1 |
| Leeming | 23.1 | +12 | ESE | 2 | m | 51 | 49 | 4 | 5 | – | – | 8 | 3 | 8 | 8 | 15 | 1 |
| Tynemouth | 21.9 | +6 | SSW | 3 | m | 50 | 48 | 4 | 5 | – | – | 6 | 6 | – | 20 | – | 1 |
| Acklington | 20.7 | +6 | SSE | 2 | m | 49 | 47 | 4 | 5 | 7 | – | 7 | 4 | 7 | 30 | – | 1 |
| St. Abb's Head | 18.5 | +10 | SSW | 4 | c.b.c. | 50 | 47 | 8 | 5 | 7 | – | 5 | 4 | 3 | 25 | – | 0 |
| Leuchars ... | 18.5 | +2 | – | 0 | ⊘ | 46 | 46 | 5 | 5 | 2 | – | 8 | 5 | 8 | 20 | – | 1 |
| Montrose ... | 18.3 | -6 | SW | 2 | cf | 45 | 43 | 3 | – | 2 | – | 8 | 8 | – | 15 | – | 1 |
| Abbotsinch | 17.8 | +6 | WSW | 2 | id. | 52 | 50 | 5 | 5 | 2 | – | 8 | 5 | 8 | 10 | – | 1 |
| Prestwick ... | 18.7 | +8 | SES | 3 | id. | 53 | 50 | 7 | 5 | – | – | 8 | 5 | 8 | 10 | 15 | 1 |
| West Freugh | 19.3 | +10 | SSW | 4 | ⊘ | 50 | 48 | 6 | 5 | – | – | 8 | 3 | 5 | 4 | 8 | 1 |
| Eskdalemuir | 21.0 | +10 | SWS | 4 | rf | 45 | 44 | 1 | – | 2 | – | 9 | 9 | – | 0 | – | 1 |
| Jurby, I. of Man | 21.6 | +22 | SW | 4 | c | 54 | 50 | 8 | 5 | 7 | – | 7 | 3 | 7 | 10 | 25 | 1 |
| Machrihanish | 17.2 | +6 | SEE | 3 | ⊘ | 48 | 47 | 6 | 5 | 7 | – | 8 | 4 | 6 | 4 | 15 | 0 |
| Tiree ... | 14.9 | +14 | SW | 4 | d.d. | 49 | 49 | 5 | 6 | 2 | – | 8 | 4 | 8 | 1 | 8 | 1 |
| Oban ... | 16.5 | +8 | SSW | 2 | id. | 52 | 51 | 6 | 6 | 2 | – | 8 | 2 | 5 | 6 | 15 | 1 |
| Stornoway ... | 09.5 | +16 | SSW | 8 | c/d | 49 | 48 | 6 | 6 | 2 | – | 8 | 5 | 8 | 6 | 15 | 1 |
| Cape Wrath | 08.7 | +2 | SW | 4 | ⊘ | 50 | 50 | 8 | 5 | – | – | 8 | 5 | – | 8 | – | 2 |
| Dalwhinnie | 15.5 | +2 | E | 4 | id. | 44 | 43 | 4 | 8 | 8 | – | 8 | 8 | – | 18 | – | 1 |
| Aberdeen ... | 17.6 | +6 | SW | 2 | r.f | 44 | 43 | 3 | 6 | 2 | – | 8 | 6 | 8 | 8 | 25 | 1 |
| Fraserburgh | 16.1 | -6 | W | 5 | cf | 45 | 44 | 3 | 6 | 2 | – | 8 | 4 | 8 | 10 | 25 | 1 |
| Alness ... | 13.8 | +8 | WSW | 4 | ⊘ | 54 | 47 | 7 | 5 | 7 | – | 7 | 5 | 7 | 15 | – | 1 |
| Wick ... | 13.3 | +2 | S | 3 | c | 45 | 41 | 6 | 5 | 7 | – | 8 | 5 | 8 | 40 | – | 1 |
| Hatston ... | 12.4 | -6 | SW | 5 | ⊘ | 45 | 43 | 5 | 2 | – | – | 8 | 6 | 8 | 25 | – | 1 |
| Sumburgh ... | 14.2 | -16 | SE | 4 | rr | 44 | 44 | 4 | 5 | 2 | – | 8 | 7 | 8 | 3 | 15 | 1 |
| Sullom Voe | 13.6 | -26 | SEE | 7 | r.r. | 44 | 43 | 5 | 5 | – | – | 8 | 8 | – | 7 | – | 1 |
| Blacksod Point† | 14.6 | +6 | SW | 5 | DD | 50 | 49 | 5 | – | 2 | – | 8 | 8 | – | 4 | – | 2 |
| Malin Head † | 14.7 | +20 | S | 5 | o | 56 | 54 | 8 | 5 | – | – | 8 | 8 | – | 8 | – | 2 |
| Aldergrove | 18.7 | +12 | SE | 3 | c | 56 | 53 | 7 | 5 | – | – | 8 | 5 | 8 | 8 | 15 | 1 |
| Cas. Archdale | 17.4 | +12 | SSW | 6 | id. | 55 | 53 | 8 | 5 | – | – | 8 | 4 | 6 | 5 | 15 | 1 |
| Birr Castle ... † | 19.1 | +10 | SSW | 1 | c | 59 | 54 | 8 | 5 | 2 | – | 8 | 5 | – | 25 | – | 1 |
| Collinstown † | 20.7 | +16 | SSW | 4 | c | 56 | 51 | 8 | 5 | 7 | – | 8 | 7 | – | 27 | – | 1 |
| Foynes ... † | 19.2 | +10 | S | 3 | c | 56 | 51 | 9 | 5 | 7 | – | 7 | 4 | – | 8 | – | 1 |
| Valentia ... † | 20.4 | +10 | SW | 4 | d.d. | 52 | 51 | 5 | 5 | – | – | 8 | 8 | – | 1 | – | 1 |
| Roches Point † | 22.6 | +12 | SW | 3 | df | 48 | 47 | 5 | 5 | – | – | 8 | 8 | – | 2 | – | 1 |

## OBSERVATIONS during DAY

| Stations | Weather. 06h.-12h. (34) | Weather. 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | ir.c.m. | c.m. | 50 | 0.0 | – |
| Croydon | c.m. ir.c.m. | c.m. | 53 | 0.0 | – |
| Boscombe Down | c.o.m. o | o.m. o F | 49 | 0.0 | Tr |
| Thorney Island | c.i.d. m.c | o.d.d. FF | 48 | * | Tr |
| Friston | | | | | |
| Lympne | o F F m | c.m. m f F | 47 | 0.0 | – |
| Manston | o f m ir.r.o.m. | c.r.o.m. | 51 | 0.2 | 0.2 |
| North Weald | o f r.o. c f | c m f | 52 | * | – |
| Felixstowe | o i r.o. m c m. | c.m. | 47 | 0.6 | Tr |
| Gorleston | o f f e | c.z.o.m. | 49 | 0.1 | – |
| Mildenhall | c m c i r.o. m. | c m. c i r.o. m. | 53 | 0.0 | Tr |
| Bircham Newton | o m d c m | c m. r r m | 51 | 0.0 | 7 |
| Cranwell | c r.o.r.o. j r m. | c r r d. d. c m. | 52 | 0.0 | 4 |
| Cranfield | c m ir.o.c m. | c m. | 52 | * | Tr |
| Honiley | c m. | c i r.o. m. c m. | 52 | 0.0 | 1 |
| Little Rissington | o m. | o m. o F | 49 | * | Tr |
| Shobden | c m. | c m. o c | 54 | * | – |
| Bristol | c m. i d. o m. c | c d. r.o. m. | 53 | 0.0 | Tr |
| Chivenor | c i r.o. c | c i d. m. o | 54 | 0.0 | Tr |
| Yeovilton | c c i d. o c i d. o | d. o c c m. o c | 53 | * | Tr |
| Portland Bill | o f f | o f f | 47 | * | 1 |
| Exeter | c | c | 54 | 0.0 | – |
| Plymouth | o d d m f | d | 50 | 0.0 | 3 |
| St. Eval | o r.o.d.o f | o i d. m f f | 53 | 0.0 | 0.5 |
| The Lizard | d f f f | F f | 50 | 0.0 | 0.5 |
| Scilly, St. Marys | F F e | F F e o | 51 | 0.0 | Tr |
| Fairwood | c m. i d. o | o d. d. F | 50 | 0.0 | Tr |
| Pembroke | o f e | o F e d. d. o f c | 47 | 2.0 | 0.6 |
| Aberporth | c i r.o. i d. o | c j f o m | 51 | 0.0 | 0.5 |
| Penrhos | o f e m. o d. o d. o m. o | o f i d. f o m | 50 | 0.0 | 3 |
| Holyhead, Valley | o d. d. o m. o r.d. o f | o f | 49 | * | 1 |
| Hawarden | c i r.o. m c i d. o c m | c m. r r c m. | 55 | 0.2 | 0.3 |
| Manchester | i r.o. i d. o c m | c d. d. o m. | 53 | | 2 |
| Squires Gate | c i r.o. m. c r.o. r.o. m. | o r.o. r.o. d. o c | 53 | * | 1 |
| Silloth | i r.o. i d. o m. o i r c | c | 51 | * | 1 |
| Ashbourne | o f f i r | o m r r f o f f | 49 | * | 6 |
| Snaith | f c r.o. c m | c i d. o m | 53 | 0.3 | 2 |
| Spurn Head | c m. | o v r r m. | 48 | 0.0 | 1 |
| Leeming | o f | c m. o c m | 55 | 0.0 | Tr |
| Tynemouth | o c m | c m | 52 | | – |
| Acklington | f o f r.o. r.o. c f | c f i r.o. m. | 52 | * | 0.1 |
| St. Abb's Head | c p r.o. c m. | c | 51 | * | – |
| Leuchars | c m o i r.o. c m. | c m. o c i r.o. c m. | 50 | 0.0 | 0.1 |
| Montrose | c m o r.o. m | c m i r.o. i d. m f | 46 | 0.0 | 0.2 |
| Abbotsinch | r.o. r.o. f f | c r.o. r.o. m. o | 52 | 0.0 | 2 |
| Prestwick | c r.o. r.o. m. o c i d. o | r.o. r.o. c i d. o | 53 | * | 1 |
| West Freugh | o r r f i d. o c m. o | c m. | 50 | * | Tr |
| Eskdalemuir | o r r r. c r.o. m. o | o r r r n o f | 47 | 0.0 | 6 |
| Jurby, I. of Man | r.o. r.o. d. o. d. o. m. o c | c i d. o c | 58 | * | Tr |
| Machrihanish | d d z. i d | z | 50 | * | Tr |
| Tiree | c a. o. d. o m. o | c d. o. d. o m. o | 50 | 0.0 | 2 |
| Oban | c d. o. d. o r r m. o | c d d c. i d. o m. o | 54 | * | * |
| Stornoway | c c i d. o r.o. r.o. m. o | c r.o. r.o. d. o. d. o m. o | 50 | 0.0 | 3 |
| Cape Wrath | b c i r.o. | c i r.o. | 51 | * | 3 |
| Dalwhinnie | o i d. o | o d. o | 47 | 0.0 | 0.6 |
| Aberdeen | c r.o. m. o c m | c i r m f | 48 | 0.0 | 1 |
| Fraserburgh | o c m o c m o f | c d o r f | 45 | * | 3 |
| Alness | c b c c | c c i r.o. | 53 | 0.0 | 1 |
| Wick | o b m o c m. o | c r r c | 48 | 0.1 | 2 |
| Hatston | c | c r r c | 45 | * | 2 |
| Sumburgh | c m. o | c m. o c m r | 45 | 0.0 | 7 |
| Sullom Voe | c m. o | c r.o. r.o. m. o | 45 | * | 5 |
| Blacksod Point† | c | d | 51 | * | 0.4 |
| Malin Head † | d | c | 57 | 0.0 | 0.2 |
| Aldergrove | c m. o i d. o c | c m. o c | 57 | 0.0 | – |
| Cas. Archdale | c i d. o c | c i d. o | 56 | * | 0.2 |
| Birr Castle ... † | c | c | 59 | 0.0 | – |
| Collinstown † | r | c | 60 | 0.0 | Tr |
| Foynes ... † | d | c | 60 | 0.0 | 0.1 |
| Valentia ... † | d | d | 53 | 0.0 | 1 |
| Roches Point † | f | d | 51 | * | 1 |

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

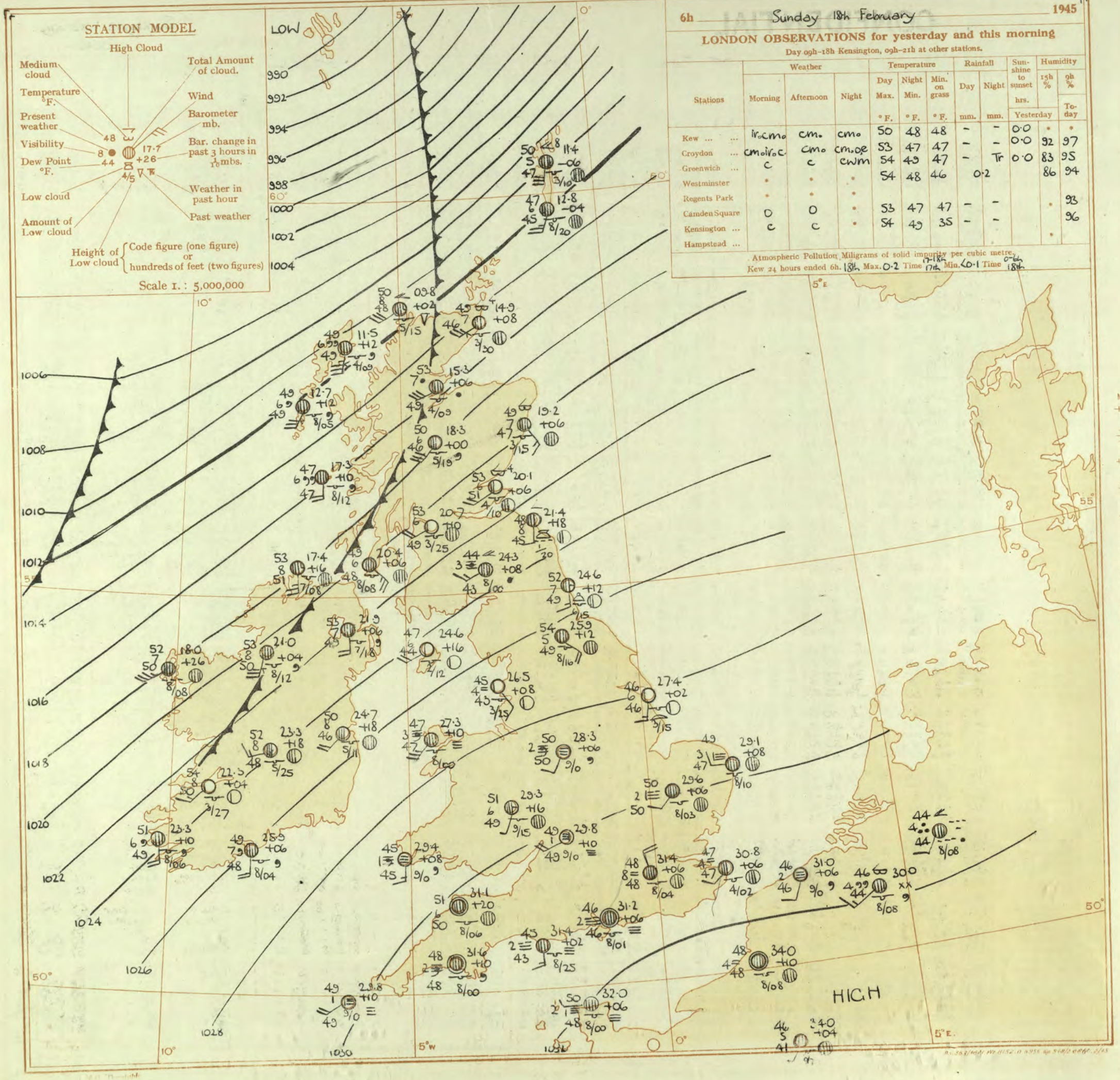
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 5/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

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

‡ See footnote p. 4.

* Information not usually received.

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


STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in 1/10 mbs.
Dew Point °F.
Weather in past hour
Low cloud
Past weather
Amount of Low cloud
Height of Low cloud
Code figure (one figure) or hundreds of feet (two figures)
Scale 1. : 5,000,000
LOW
HIGH
6h Sunday 18th February 1945
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–21h at other stations.
Stations
Weather
Morning
Afternoon
Night
Temperature
Day Max. °F.
Night Min. °F.
Min. on grass °F.
Rainfall
Day mm.
Night mm.
Sunshine to sunset hrs. Yesterday
Humidity 15h % 9h % To-day
Kew ... ... ir.cmo cm. cmo 50 48 48 – – 0·0 * *
Croydon ... cmo ir.c. cmo cm.oe 53 47 47 – – 0·0 92 97
Greenwich ... c c cwm 54 49 47 – Tr 0·0 83 95
Westminster * * * 54 48 46 0·2 86 94
Regents Park * * * 93
Camden Square o o * 53 47 47 – – 96
Kensington ... c c * 54 49 35 – –
Hampstead ... *
Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 18th Max. 0·2 Time 17-18h Min. <0·1 Time 0-6h 18th.

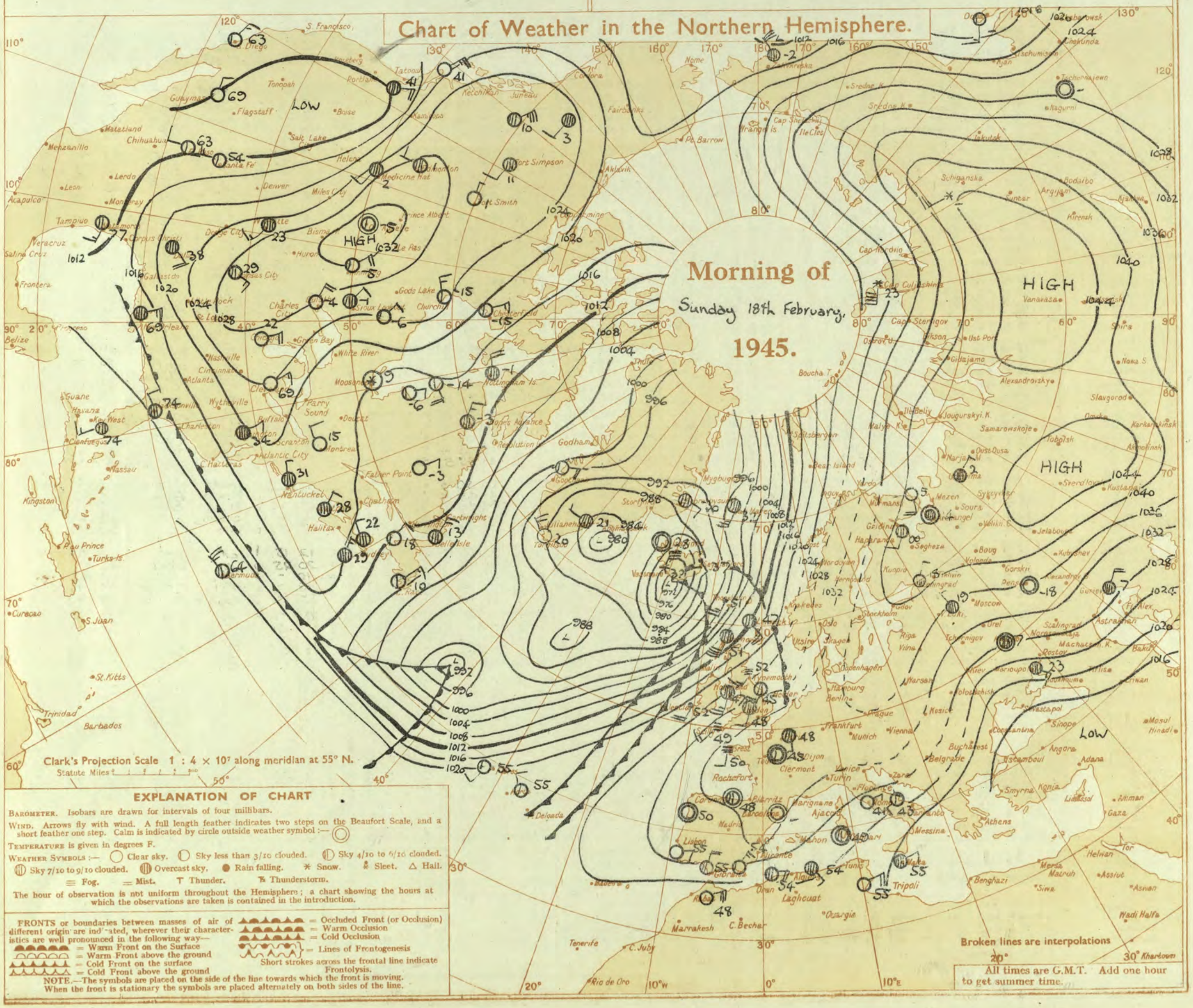
## GENERAL INFERENCE

A large anticyclone extends from Russia to France and depressions are moving northeast towards Iceland. Weather will be mainly dull in the North and West with occasional drizzle and coast fog. In the East and Midlands weather will be fair at first but fairly general mist and fog is expected to develop during the evening and persist during the night and tomorrow morning. It will be very mild.

## 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.

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.

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 18th February 1945

No. 30404

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

| 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 | * | * | * | * | * | 49 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 30.6 | +10 | SW | 2 | 2o | 48 | 48 | 5 | 5 | - | - | 8 | 8 | ^ | 4 | - |
| | Boscombe Down | 417 | 27.7 | +8 | SW | 1 | F | 48 | 48 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Thorney Island | 10 | 30.7 | +6 | SSW | 2 | df | 47 | 47 | 2 | 5 | - | - | 8 | 8 | - | 1 | - |
| | Friston ... | - | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 31.1 | +6 | SW'W | 2 | df | 46 | 46 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Manston ... | 140 | 30.2 | +4 | SW'S | 3 | mo | 48 | 48 | 4 | 5 | - | - | 8 | 8 | - | 2 | - |
| 2 | North Weald | 244 | 29.8 | +6 | SSW | 3 | df | 49 | 48 | 2 | - | - | - | 9 | 9 | - | 0 | - |
| | Felixstowe ... | 10 | 29.3 | +8 | SW'W | 2 | m | 48 | 45 | 4 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Gorleston ... | 5 | 28.2 | +18 | WSW | 2 | m | 50 | 48 | 4 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Mildenhall | 15 | 28.5 | +6 | SW'W | 3 | 2o | 51 | 50 | 5 | 5 | - | - | 8 | 5 | 8 | 9 | 25 |
| | Bircham Newton | 221 | 28.2 | +8 | SSW | 2 | m | 50 | 49 | 4 | - | - | - | 5 | 4 | 5 | 4 | 4o |
| | Cranwell ... | 203 | 27.2 | +6 | SW | 2 | 2o | 48 | 48 | 5 | 5 | - | - | 8 | 8 | - | 12 | - |
| 3 | Cranfield ... | 340 | 29.1 | +10 | SW | 3 | idₒ | 49 | 48 | 4 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Honiley ... | 427 | 28.2 | +10 | SSW | 3 | 2o | 51 | 51 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| 4 | Little Rissington | 731 | 28.9 | +12 | SSW | 2 | F | 49 | 49 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Shobden ... | 318 | 28.2 | +8 | SW | 2 | idₒ | 50 | 50 | 6 | 5 | - | - | 8 | 3 | 8 | 8 | 15 |
| 5 | Bristol ... | 209 | 28.8 | +6 | S | 2 | 2o | 52 | 51 | 5 | 5 | - | - | 7 | 7 | - | 35 | - |
| | Chivenor ... | 20 | 28.6 | +10 | S | 2 | 2o | 52 | 51 | 6 | 5 | - | - | 8 | 3 | 8 | 3 | 5 |
| | Yeovilton | 50 | 29.2 | +10 | S | 2 | 2o | 50 | 49 | 6 | 5 | - | - | 7 | 4 | 7 | 10 | 25 |
| | Portland Bill | 32 | 30.8 | +14 | SE | 4 | of | 45 | 43 | 2 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Exeter ... | 100 | 29.6 | +8 | SSE | 3 | 2o | 50 | 49 | 6 | 5 | - | - | 6 | 6 | - | 34 | - |
| | Plymouth ... | 86 | 30.3 | +6 | SW | 1 | df | 49 | 49 | 2 | 5 | - | - | 8 | 8 | - | 0 | - |
| | St. Eval ... | 345 | 29.1 | +2 | S | 3 | df | 51 | 51 | 3 | 5 | - | - | 8 | 8 | - | 0 | - |
| | The Lizard | 240 | 28.2 | +4 | SW | 3 | df | 49 | 49 | 1 | 5 | - | - | 8 | 8 | - | 1 | - |
| | Scilly, St. Marys | 163 | 28.6 | +6 | SW | 3 | F | 49 | 49 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| 6 | Fairwood ... | 268 | 28.7 | +6 | SSW | 2 | df | 48 | 48 | 1 | 5 | - | - | 8 | 8 | - | 0 | - |
| | Pembroke ... | 142 | 26.9 | +8 | SSW | 4 | df | 47 | 47 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 26.0 | +4 | SSW | 4 | df | 48 | 48 | 3 | 5 | - | - | 8 | 8 | - | 1 | - |
| | Holyhead, Valley | 32 | 25.0 | +4 | S | 5 | of+ | 47 | 47 | 2 | 5 | - | - | 8 | 8 | - | 0 | - |
| | Hawarden | 15 | 26.0 | +8 | SE | 2 | 2o | 53 | 52 | 5 | 5 | - | - | 8 | 8 | - | 2o | - |
| 8 | Manchester | 230 | 26.1 | +10 | S | 3 | 2o | 52 | 50 | 5 | 5 | - | - | 8 | 8 | - | 2o | - |
| | Squires Gate | 30 | 25.2 | +6 | SSW | 3 | 2o | 51 | 50 | 5 | 5 | - | - | 8 | 4 | 5 | 15 | 15 |
| | Silloth ... | 25 | 27.9 | +10 | SSW | 5 | idₒ | 50 | 49 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 25 |
| 9 | Ashbourne ... | 590 | 27.3 | +4 | SSE | 1 | of | 49 | 49 | 3 | 5 | - | - | 8 | 8 | - | 5 | - |
| | Snaith ... | 30 | 26.2 | +2 | SE | 1 | m | 49 | 48 | 4 | 5 | - | - | 2 | 1 | - | 35 | - |
| 10 | Spurn Head | 29 | 26.5 | +10 | SSW | 4 | 2o | 45 | 44 | 6 | 7 | - | - | 4 | 4 | - | 25 | - |
| | Leeming | 105 | 24.5 | +2 | S | 4 | 2o | 54 | 51 | 5 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Tynemouth | 108 | 23.3 | +10 | SW | 3 | m | 52 | 50 | 4 | 8 | - | - | 7 | 7 | - | 15 | - |
| | Acklington | 138 | 22.6 | +12 | SW | 2 | 2o | 51 | 49 | 5 | 5 | - | - | 8 | 8 | - | 15 | - |
| 11 | St. Abb's Head | 280 | 20.6 | +16 | SSW | 2 | c | 49 | 47 | 8 | 4 | 1 | - | 6 | 2 | 5 | 25 | - |
| | Leuchars ... | 31 | 19.6 | +8 | SW | 4 | 2o | 53 | 49 | 6 | 5 | 7 | - | 8 | 3 | 8 | 20 | - |
| | Montrose ... | 22 | 19.5 | -2 | SW | 1 | m | 46 | 44 | 4 | 5 | - | - | 8 | 8 | - | 13 | - |
| 12 | Abbotsinch | 19 | 19.4 | +14 | SSW | 2 | c | 54 | 50 | 6 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Prestwick ... | 30 | 20.3 | +4 | S'E | 4 | o | 53 | 49 | 7 | 5 | - | - | 8 | 8 | - | 21 | - |
| | West Freugh | 53 | 21.6 | +10 | SSE | 3 | 2o | 47 | 46 | 6 | 5 | - | - | 8 | 4 | 8 | 3 | 15 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 22.1 | +6 | SW'S | 6 | bc | 53 | 49 | 7 | 5 | - | - | 4 | 2 | 4 | 10 | 15 |
| 13A | Machrihanish | 35 | 19.4 | +10 | SE'E | 4 | 2o | 49 | 48 | 6 | 5 | 7 | - | 8 | 3 | 4 | 8 | 15 |
| | Tiree ... | 44 | 15.7 | +6 | S | 4 | idₒ | 49 | 48 | 7 | 5 | 2 | - | 8 | 6 | 8 | 12 | 25 |
| | Oban ... | 74 | 17.6 | +6 | S | 4 | c | 54 | 51 | 8 | 5 | - | - | 8 | 5 | 8 | 15 | 25 |
| 13B | Stornoway ... | 12 | 09.3 | -6 | SSW | 8 | 2o | 51 | 49 | 6 | 5 | - | - | 8 | 4 | 8 | 6 | 15 |
| | Cape Wrath | 367 | 10.0 | +2 | SW | 5 | c | 50 | 50 | 8 | 5 | 2 | - | 6 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen ... | 79 | | | | | | 48 | | | | | | | | | | |
| | Fraserburgh | 76 | 17.5 | +6 | SSW | 4 | cf+ | 48 | 47 | 3 | 5 | 2 | - | 8 | 4 | 5 | 8 | 15 |
| | Alness ... | 63 | 14.6 | +6 | SSW | 4 | c | 54 | 50 | 7 | 5 | 7 | - | 7 | 5 | 7 | 2o | - |
| | Wick ... | 114 | 14.3 | +6 | S | 4 | c | 46 | 43 | 7 | 5 | 7 | - | 8 | 5 | 3 | 66 | - |
| 16 | Hatston ... | 45 | 13.2 | +2 | S | 3 | 2o | 47 | 45 | 7 | 5 | 7 | - | 7 | 4 | 5 | 35 | - |
| | Sumburgh ... | 15 | 13.4 | -2 | S | 4 | 2o | 45 | 44 | 6 | 5 | - | - | 8 | 4 | 6 | 30 | 57 |
| | Sullom Voe | 12 | 13.0 | -2 | SSE | 5 | c | 47 | 45 | 5 | 5 | 2 | - | 8 | 4 | 8 | 8 | 40 |
| 17 | Blacksod Point † | 18 | 16.0 | +4 | SSW | 6 | dd | 50 | 49 | 6 | - | 2 | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 20.3 | +2 | S'W | 4 | idₒ | 55 | 52 | 7 | 5 | - | - | 8 | 5 | 8 | 9 | 15 |
| | Cas. Archdale | 240 | 19.5 | +6 | SE'S | 3 | c | 55 | 51 | 8 | 5 | - | - | 8 | 8 | - | 17 | - |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 21.7 | +6 | SW'S | 3 | c | 54 | 50 | 8 | 5 | 2 | - | 8 | 3 | - | 12 | - |
| 20 | Foynes ... † | 3 | 20.3 | +2 | S | 4 | c-bc | 55 | 51 | 8 | 5 | 4 | - | 5 | 5 | - | 12 | - |
| | Valentia ... | 30 | 22.1 | +10 | S | 4 | dd | 52 | 51 | 6 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Roches Point † | 22 | 24.4 | +6 | S | 4 | df | 49 | 48 | 3 | 5 | - | - | 8 | 8 | - | 2 | - |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0790.

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

| 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) ‡ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 31.0 | +6 | SW | 2 | 2o | 49 | 49 | 5 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Croydon ... | 31.4 | +6 | SW | 2 | m | 48 | 48 | 4 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| Boscombe Down | 30.5 | +8 | SW | 1 | ido | 48 | 48 | 6 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Thorney Island | 31.2 | +6 | - | 0 | f | 46 | 46 | 2 | 5 | - | - | 8 | 8 | - | 1 | - | 1 |
| Friston ... | | | | | | | | | | | | | | | | | |
| Lympne ... | 31.6 | +6 | WSW | 1 | F | 45 | 45 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Manston ... | 30.8 | +6 | SWS | 2 | m | 47 | 47 | 4 | 5 | - | - | 5 | 4 | 5 | 2 | 8 | 1 |
| North Weald | 30.8 | +8 | SW | 1 | F | 48 | 48 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Felixstowe ... | 30.2 | +8 | SWW | 2 | F+ | 44 | 44 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 |
| Gorleston ... | 29.1 | +8 | W | 2 | cf+ | 49 | 47 | 3 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Mildenhall | 29.6 | +6 | SWS | 2 | cf+ | 50 | 50 | 2 | 5 | - | - | 8 | 8 | - | 3 | - | 0 |
| Bircham Newton | 23.9 | +2 | WSW | 2 | F | 49 | 49 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Cranwell ... | 27.8 | +4 | WSW | 4 | 2o | 50 | 50 | 5 | 5 | - | - | 4 | 4 | - | 8 | - | 1 |
| Cranfield ... | 29.9 | +10 | WSW | 3 | f+ | 49 | 49 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Honiley ... | 29.4 | +10 | SSW | 3 | 2o | 51 | 51 | 5 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| Little Rissington | 29.8 | +10 | WSW | 4 | F- | 49 | 49 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Shobden ... | 29.3 | +16 | SSW | 1 | 2o | 51 | 49 | 6 | 5 | - | - | 6 | 4 | 5 | 15 | 40 | 1 |
| Bristol ... | 30.3 | +12 | - | 0 | 2o | 53 | 51 | 5 | 5 | - | - | 8 | 4 | 8 | 10 | 25 | 1 |
| Chivenor ... | 31.1 | +20 | - | 0 | 2o | 51 | 50 | 6 | 5 | - | - | 8 | 8 | - | 6 | - | 1 |
| Yeovilton | 30.1 | +12 | SWS | 1 | 2o | 51 | 50 | 6 | 5 | - | - | 8 | 3 | 8 | 15 | 25 | 1 |
| Portland Bill | 31.4 | +2 | S | 3 | cf | 45 | 43 | 2 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Exeter ... | 30.7 | +10 | S | 2 | c | 50 | 49 | 7 | 5 | - | - | 8 | 8 | - | 35 | - | 1 |
| Plymouth ... | 31.6 | +10 | - | 0 | df | 48 | 48 | 2 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| St. Eval ... | 30.7 | +10 | SW | 3 | ido | 50 | 50 | 4 | 5 | - | - | 8 | 8 | - | 1 | - | 1 |
| The Lizard | 30.8 | +14 | WS | 2 | cf | 47 | 47 | 2 | 5 | - | - | 8 | 8 | - | 1 | - | 1 |
| Scilly, St. Marys | 29.8 | +10 | SW | 4 | F+ | 49 | 49 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Fairwood ... | 30.4 | +14 | SW | 2 | df | 47 | 47 | 2 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| Pembroke ... | 29.4 | +8 | S | 3 | df | 45 | 45 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Aberporth ... | 28.8 | +10 | SW | 3 | c/d | 47 | 46 | 8 | 5 | - | - | 6 | 6 | - | 30 | - | 1 |
| Penrhos ... | 27.6 | +6 | S | 4 | dodo | 47 | 47 | 5 | 5 | - | - | 8 | 4 | 8 | - | - | 1 |
| Holyhead, Valley | 27.3 | +10 | SSW | 3 | df | 47 | 47 | 3 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| Hawarden | 27.3 | +10 | S | 3 | 2o | 52 | 50 | 6 | 5 | - | - | 5 | 4 | 4 | 20 | 25 | 1 |
| Manchester | 26.9 | +6 | S | 4 | 2o | 51 | 49 | 5 | 5 | 3 | - | 5 | 3 | 5 | 25 | - | 1 |
| Squires Gate | 26.5 | +8 | SE | 2 | m | 45 | 43 | 4 | 5 | - | - | 3 | 3 | - | 25 | - | 1 |
| Silloth ... | 25.1 | +14 | SSW | 5 | 2o | 45 | 45 | 5 | 5 | - | - | 8 | 6 | 8 | 1 | 8 | 1 |
| Ashbourne ... | 28.3 | +6 | SSW | 2 | df | 50 | 50 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Snaith ... | 27.2 | +6 | SSW | 3 | m | 51 | 49 | 4 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Spurn Head | 27.4 | +2 | SW | 3 | 2o | 46 | 46 | 6 | 7 | - | - | 3 | 3 | - | 15 | - | 1 |
| Leeming | 25.9 | +12 | SE | 3 | 2o | 54 | 49 | 5 | 5 | - | - | 8 | 8 | - | 16 | - | 1 |
| Tynemouth | 24.6 | +12 | S | 3 | c | 52 | 49 | 7 | 8 | - | - | 6 | 6 | - | 15 | - | 1 |
| Acklington | 24.3 | +18 | SSE | 3 | c | 52 | 50 | 7 | 5 | - | - | 8 | 6 | 8 | 12 | 15 | 1 |
| St. Abb's Head | 21.4 | +18 | S | 2 | ebc | 48 | 45 | 8 | 9 | 1 | - | 5 | 1 | 4 | 20 | 25 | 0 |
| Leuchars ... | 20.1 | +6 | SW | 4 | 2o | 53 | 51 | 6 | 5 | 7 | - | 4 | 4 | 4 | 10 | - | 1 |
| Montrose ... | 20.3 | +10 | SW | 4 | 2o | 52 | 51 | 5 | 5 | 7 | - | 8 | 5 | 8 | 18 | - | 1 |
| Abbotsinch | 20.7 | +10 | SW | 4 | 2o | 53 | 49 | 6 | 5 | - | - | 3 | 3 | - | 25 | - | 1 |
| Prestwick ... | 22.4 | +12 | S | 4 | bc | 51 | 47 | 7 | 5 | - | - | 4 | 4 | - | 25 | - | 1 |
| West Freugh | 23.4 | +12 | S | 3 | 2o | 47 | 47 | 6 | 5 | - | - | 8 | 4 | 8 | 4 | 15 | 1 |
| Eskdalemuir | 24.3 | +8 | SW | 3 | mc | 44 | 43 | 3 | - | 2 | - | 8 | 8 | - | - | - | 1 |
| Jurby, I. of Man | 24.6 | +16 | SW | 4 | b | 47 | 44 | 6 | 5 | - | - | 2 | 2 | 1 | 12 | 15 | 1 |
| Machrihanish | 20.4 | +6 | SE | 5 | 2o | 49 | 48 | 6 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 0 |
| Tiree ... | 17.3 | +10 | S | 4 | dodo | 47 | 47 | 6 | 5 | 2 | - | 8 | 5 | 8 | 12 | 25 | 1 |
| Oban ... | 19.5 | +8 | S | 4 | c | 52 | 50 | 7 | 5 | - | - | 8 | 4 | 8 | 15 | 25 | 1 |
| Stornoway ... | 11.5 | +12 | SSW | 7 | dodo | 49 | 48 | 6 | 5 | - | - | 8 | 4 | 8 | 9 | 15 | 1 |
| Cape Wrath | 09.8 | +2 | SW | 6 | c | 50 | 48 | 8 | 5 | 2 | - | 7 | 5 | - | 15 | - | 1 |
| Dalwhinnie | 18.3 | 0 | SSW | 6 | ebc | 50 | 46 | 6 | 5 | - | - | 5 | 5 | - | 19 | - | 1 |
| Aberdeen ... | 19.2 | +6 | SE | 3 | c | 49 | 47 | 7 | 5 | 7 | - | 8 | 3 | 8 | 15 | 57 | 1 |
| Fraserburgh | 17.9 | +6 | SW | 5 | cf | 47 | 47 | 3 | 5 | 7 | - | 8 | 4 | 8 | 10 | - | 1 |
| Alness ... | 15.3 | +6 | SW | 6 | ic | 53 | 49 | 7 | 5 | - | - | 8 | 4 | 8 | 9 | 25 | 1 |
| Wick ... | 14.9 | +8 | SW | 5 | ebc | 49 | 46 | 7 | 5 | 7 | - | 5 | 3 | 4 | 30 | - | 1 |
| Hatston ... | 13.1 | 0 | SW | 5 | 2o | 49 | 47 | 6 | 5 | 7 | - | 5 | 4 | 4 | 30 | - | 1 |
| Sumburgh ... | 12.8 | -4 | SSW | 5 | 2o | 47 | 45 | 6 | 5 | - | - | 8 | 8 | - | 20 | - | 1 |
| Sullom Voe | 11.4 | -6 | SW | 6 | 2o | 50 | 47 | 5 | 5 | 2 | - | 8 | 3 | 8 | 10 | - | 1 |
| Blacksod Point † | 18.0 | +26 | SWS | 7 | c | 52 | 50 | 7 | 6 | - | - | 8 | 8 | - | 8 | - | 1 |
| Malin Head † | 17.4 | +16 | S | 5 | c | 53 | 51 | 8 | 5 | - | - | 7 | 7 | - | 8 | - | 1 |
| Aldergrove | 21.9 | +6 | S | 4 | c | 53 | 49 | 7 | 5 | - | - | 8 | 7 | 8 | 18 | 25 | 1 |
| Cas. Archdale | 21.0 | +4 | SSW | 5 | c | 53 | 50 | 8 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| Birr Castle ... † | 23.3 | +18 | S | 1 | ebc | 52 | 48 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 1 |
| Collinstown † | 24.7 | +18 | SWS | 4 | ebc | 50 | 46 | 8 | 5 | - | - | 5 | 5 | - | 11 | - | 1 |
| Foynes ... † | 22.3 | +4 | SWS | 3 | b-bc | 54 | 50 | 8 | 5 | - | - | 3 | 3 | - | 27 | - | 1 |
| Valentia ... | 23.3 | +10 | SE | 4 | ido | 51 | 49 | 6 | 5 | - | - | 8 | 8 | - | 6 | - | 1 |
| Roches Point † | 25.9 | +6 | S | 3 | ido | 49 | 48 | 7 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather. 18h.–00h. (39) | Weather. 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Temperature 21h.–09h. Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew ... | cmₒ | cmₒ | 48 | 48 | - |
| Croydon ... | cmₒ | cmₒomcmₒ | 47 | 47 | - |
| Boscombe Down | oFe | ofdfdmₒ | 47 | 46 | 0.2 |
| Thorney Island | ododoF | ododofof | 45 | * | Tr |
| Friston ... | | | | | |
| Lympne ... | ofeidₒF | idₒfofe | 45 | 45 | Tr |
| Manston ... | cmₒm | o | 47 | 45 | - |
| North Weald | cmf | idoff | 47 | 42 | Tr |
| Felixstowe ... | cmom | oF | 43 | 43 | Tr |
| Gorleston ... | cm | cf | 48 | 46 | Tr |
| Mildenhall | cirₒcmₒ | cmₒ | 50 | 47 | Tr |
| Bircham Newton | cirₒmₒoF | oF | 49 | * | 1 |
| Cranwell ... | cmₒ | cbcmₒ | 47 | 41 | - |
| Cranfield ... | cidₒmₒ | cmF | 49 | * | - |
| Honiley ... | cmₒ | cmₒ | 50 | 49 | Tr |
| Little Rissington | ofofeof | OFofeof | 47 | 47 | Tr |
| Shobden ... | cidₒmₒ | cidocmₒ | 48 | 45 | - |
| Bristol ... | cmₒ | omₒ | 50 | 47 | - |
| Chivenor ... | cidₒmₒ | cdomₒ | 49 | 48 | Tr |
| Yeovilton | cmₒc | cmₒdₒ | 48 | * | - |
| Portland Bill | f | off | 45 | | Tr |
| Exeter ... | cmₒ | cmₒ | 49 | 48 | Tr |
| Plymouth ... | ododof | ododof | 47 | 47 | 1 |
| St. Eval ... | ofofof | idofof | 49 | 49 | 0.3 |
| The Lizard | df | ff | 47 | * | 0.5 |
| Scilly, St. Marys | FF | bFF | 45 | | 0.4 |
| Fairwood ... | odF | ododF | 46 | 44 | 1 |
| Pembroke ... | ofedf | odf odf | 45 | | 1 |
| Aberporth ... | ododf | cidoc | 46 | 45 | 0.3 |
| Penrhos ... | * | pidodom | 44 | 44 | 2 |
| Holyhead, Valley | ofoidof | oidofdₒdof | 45 | 45 | Tr |
| Hawarden | cmₒ | cmₒbcmₒ | 50 | 44 | - |
| Manchester | cmₒ | cmₒ | 50 | 46 | - |
| Squires Gate | cidₒmₒm | bcmₒ | 41 | 40 | - |
| Silloth ... | c | cidocmₒ | 44 | 44 | 0.3 |
| Ashbourne ... | omoff | offomdₒdₒ | 48 | 45 | 0.5 |
| Snaith ... | bcmbm | bcmcm | 48 | 42 | - |
| Spurn Head | bcmₒ | bcmₒ | 45 | | 0.3 |
| Leeming | cmcmₒ | cmₒ | 53 | 49 | - |
| Tynemouth | cm | c | 50 | 46 | - |
| Acklington | cm | cmₒ | 48 | 44 | - |
| St. Abb's Head | c | obcc | 46 | | - |
| Leuchars ... | cmₒ | cmₒ | 49 | 45 | Tr |
| Montrose ... | ofom | omcmₒ | 44 | 42 | c.1 |
| Abbotsinch | cdₒdₒmₒ | bcmₒ | 49 | 48 | 0.1 |
| Prestwick ... | cm | cbc | 49 | 47 | Tr |
| West Freugh | cmₒ | cmₒ | 45 | 44 | - |
| Eskdalemuir | orrF | orrfiof | 42 | 42 | 1 |
| Jurby, I. of Man | cbc | bcemₒ | 46 | 44 | - |
| Machrihanish | c2 | c2 | 48 | 45 | - |
| Tiree ... | cdₒdₒidₒmₒ | cdodomₒ | 47 | 47 | 0.3 |
| Oban ... | cidₒmₒc | cdodoc | 50 | | |
| Stornoway ... | cmₒcidₒmₒ | cmₒidomₒ | 49 | 47 | 0.6 |
| Cape Wrath | c | oproc | 49 | * | 0.2 |
| Dalwhinnie | * | oidc | 46 | 42 | 3 |
| Aberdeen ... | cm | c | 44 | 41 | - |
| Fraserburgh | crₒrₒfcf | cf | 44 | * | Tr |
| Alness ... | cirₒc | ccifₒ | 51 | 48 | Tr |
| Wick ... | cmₒc | c | 46 | 44 | 0.1 |
| Hatston ... | c | c | 44 | * | 0.1 |
| Sumburgh ... | rₒdrcmₒ | obcmₒ | 42 | 43 | 0.1 |
| Sullom Voe | crₒrₒmₒc | cmₒ | 44 | 41 | 0.2 |
| Blacksod Point † | d | c | 44 | | 1 |
| Malin Head † | * | c | 52 | * | - |
| Aldergrove | ccidₒ | idoc | 51 | 49 | Tr |
| Cas. Archdale | cidₒcdₒdₒc | cidoc | 51 | 49 | 0.2 |
| Birr Castle ... † | * | c | 51 | 48 | - |
| Collinstown † | c | c | 46 | 40 | - |
| Foynes ... † | c | bc | 52 | 47 | - |
| Valentia ... | d | d | 50 | 51 | 2 |
| Roches Point † | d | d | 48 | * | 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.
‡ Second figure in col. (33) gives depth of snow in inches.

# CONFIDENTIAL

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

Monday 19th February 1945

No. 30405.

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

| 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 ... | 33.4 | +10 | SW | 2 | 2o | 53 | 52 | 5 | 5 | – | – | 8 | 7 | 8 | 18 | 25 |
| | Croydon ... | 33.9 | +12 | S'E | 2 | 2o | 55 | 52 | 5 | 5 | – | – | 8 | 4 | 8 | 8 | 40 |
| | Boscombe Down | 33.4 | +10 | SSE | 1 | 2o | 52 | 52 | 6 | 5 | – | – | 8 | 3 | 8 | 4 | 40 |
| | Thorney Island | 34.2 | +14 | SSW | 1 | F+ | 49 | 49 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 34.0 | +10 | WSW | 1 | F– | 50 | 50 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Manston ... | 33.2 | +10 | SW'W | 2 | 2o | 54 | 51 | 5 | 5 | – | – | 8 | 2 | 8 | 15 | 57 |
| 2 | North Weald | 33.0 | +6 | WSW | 2 | m | 55 | 52 | 4 | 5 | – | – | 6 | 6 | – | 60 | – |
| | Felixstowe ... | 32.8 | +10 | SW | 2 | of | 48 | 48 | 3 | 5 | – | – | 8 | 8 | – | 12 | – |
| | Gorleston ... | 31.3 | +10 | WSW | 2 | 2o | 55 | 52 | 6 | 5 | 4 | – | 5 | 4 | 4 | 25 | 57 |
| | Mildenhall | 32.2 | +12 | WSW | 3 | 2o | 56 | 55 | 6 | 5 | – | – | 7 | 5 | 7 | 5 | 15 |
| | Bircham Newton | 31.8 | +6 | WSW | 4 | 2o | 53 | 52 | 5 | 5 | – | – | 8 | 5 | 8 | 8 | 40 |
| | Cranwell ... | 30.9 | +14 | WSW | 4 | 2o | 57 | 53 | 6 | 5 | 7 | – | 5 | 2 | 5 | 8 | – |
| 3 | Cranfield ... | 31.9 | +10 | SW | 4 | 2o | 56 | 54 | 6 | 1 | – | – | 5 | 4 | 4 | 10 | – |
| | Honiley ... | 32.2 | +14 | SW | 4 | c | 54 | 51 | 7 | 5 | – | – | 8 | 5 | 8 | 9 | 15 |
| 4 | Little Rissington | 32.6 | +12 | WSW | 3 | m/f | 52 | 52 | 4 | 5 | – | – | 8 | 8 | – | 1 | – |
| | Shobden ... | 32.6 | +14 | SSW | 3 | c | 54 | 50 | 8 | 5 | 7 | – | 7 | 4 | 5 | 9 | 15 |
| 5 | Bristol ... | 33.3 | +12 | W'S | 2 | m | 55 | 52 | 4 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Chivenor ... | 33.3 | +12 | SW | 3 | c | 53 | 52 | 7 | 5 | 2 | – | 8 | 3 | 5 | 3 | 8 |
| | Yeovilton | 33.4 | +14 | – | 0 | c | 57 | 52 | 7 | 5 | – | – | 7 | 2 | 3 | 6 | 15 |
| | Portland Bill | 33.0 | +10 | SW | 3 | of | 48 | 46 | 2 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Exeter ... | 33.6 | +12 | – | 0 | c | 58 | 51 | 7 | 5 | – | – | 6 | 3 | 6 | 15 | 40 |
| | Plymouth ... | 34.3 | +12 | SSW | 1 | m/f | 49 | 49 | 5 | 5 | – | – | 8 | 8 | – | 1 | – |
| | St. Eval ... | 33.4 | +10 | WSW | 3 | i.d. | 52 | 52 | 5 | 5 | – | – | 8 | 4 | 8 | 1 | 8 |
| | The Lizard | 32.9 | +8 | SW | 2 | F | 50 | 50 | 1 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Scilly, St. Marys | 32.4 | +22 | SW'S | 3 | F– | 50 | 50 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Fairwood ... | 33.6 | +14 | SW | 3 | dF | 48 | 48 | 1 | 5 | – | – | 8 | 8 | – | 0 | – |
| 6 | Pembroke ... | 31.9 | +14 | SSW | 3 | f | 47 | 47 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Aberporth ... | 31.1 | +6 | SSW | 5 | c | 51 | 49 | 8 | 5 | 4 | 6 | 6 | 4 | 3 | 6 | – |
| 7 | Penrhos ... | 31.3 | +18 | SSW | 4 | o/d | 48 | 48 | 5 | 5 | – | – | 8 | 3 | 8 | 4 | 2 |
| | Holyhead, Valley | 30.2 | +14 | S | 5 | d.d. | 48 | 48 | 4 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Hawarden ... | 30.2 | +16 | SW | 4 | bc | 56 | 51 | 8 | 5 | 7 | – | 4 | 2 | 4 | 15 | – |
| 8 | Manchester | 29.9 | +12 | SSW | 3 | 2o | 55 | 49 | 6 | 5 | 4 | 2 | 5 | 3 | 4 | 20 | – |
| | Squires Gate | 29.8 | +10 | SSW | 3 | bc | 51 | 49 | 6 | 8 | 4 | 9 | 4 | 3 | 4 | 20 | – |
| | Silloth ... | 28.1 | +18 | SSW | 5 | i.d. | 47 | 47 | 8 | 5 | – | – | 8 | 4 | 8 | 3 | 4 |
| | Ashbourne ... | 31.3 | +10 | WSW | 3 | 2o | 53 | 51 | 7 | 5 | – | – | 8 | 6 | 8 | 7 | 15 |
| 9 | Snaith ... | 30.2 | +10 | S'W | 2 | m | 59 | 53 | 4 | – | 4 | 6 | 6 | 4 | 3 | 90 | – |
| 10 | Spurn Head | 30.1 | +6 | S'W | 3 | 2o | 54 | 51 | 6 | 7 | 3 | – | 5 | 4 | 3 | 20 | 72 |
| | Leeming | 29.0 | +8 | S'W | 3 | c | 57 | 49 | 7 | 5 | 7 | 9 | 6 | 4 | 3 | 20 | – |
| | Tynemouth | 26.9 | +8 | SSW | 4 | 2o | 55 | 49 | 6 | 5 | 3 | – | 7 | 4 | 3 | 24 | – |
| | Acklington | 26.9 | +14 | SW | 3 | c | 53 | 50 | 7 | 5 | 7 | – | 7 | 2 | 5 | 15 | – |
| 11 | St. Abb's Head | 24.1 | +22 | SW | 4 | c | 49 | 45 | 8 | 4 | 5 | 6 | 7 | 3 | 4 | 15 | – |
| | Leuchars ... | 23.0 | +10 | SW'W | 5 | c | 55 | 50 | 7 | 5 | 4 | 2 | 7 | 6 | – | 25 | – |
| | Montrose ... | 23.5 | +16 | SW'S | 3 | c | 54 | 49 | 7 | 5 | 7 | – | 8 | 6 | 8 | 20 | – |
| 12 | Abbotsinch | 24.5 | +16 | SSW | 3 | c | 54 | 48 | 6 | 5 | – | – | 8 | 5 | 4 | 10 | 15 |
| | Prestwick ... | 25.6 | +14 | S | 4 | c | 52 | 48 | 8 | 5 | – | – | 8 | 4 | 8 | 15 | 25 |
| | West Freugh | 26.1 | +12 | SSE | 4 | c | 48 | 47 | 7 | 5 | – | – | 7 | 5 | 7 | 5 | 15 |
| | Eskdalemuir | 27.6 | +18 | SW | 4 | DD | 43 | 42 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Jurby, I. of Man | 27.6 | +10 | SW | 5 | c/f | 51 | 49 | 7 | 5 | 3 | – | 7 | 1 | 5 | 10 | 25 |
| 13A | Machrihanish | 24.1 | +14 | ES | 2 | c | 53 | 51 | 7 | 5 | 7 | – | 6 | 2 | 4 | 6 | 15 |
| | Tiree ... | 20.9 | +16 | S'W | 4 | 2o | 48 | 48 | 6 | 6 | 2 | – | 8 | 3 | 8 | 2 | 15 |
| | Oban ... | 22.4 | +10 | S | 3 | d.d. | 52 | 49 | 6 | 5 | – | – | 8 | 6 | 8 | 15 | 25 |
| 13B | Stornoway ... | 15.9 | +16 | SSW | 6 | c | 51 | 47 | 7 | 5 | – | 8 | 6 | 4 | 5 | 10 | 15 |
| | Cape Wrath | 13.6 | +10 | SW | 6 | c | 50 | 46 | 7 | 5 | 2 | – | 8 | 5 | – | 15 | – |
| 15 | Dalwhinnie | 20.0 | +10 | SW | 5 | i.d. | 50 | 46 | 6 | 5 | 7 | – | 8 | 6 | 2 | 18 | 72 |
| | Aberdeen ... | 22.2 | +16 | SW'W | 3 | c | 55 | 48 | 7 | 5 | 9 | 8 | 7 | 1 | 5 | 15 | – |
| | Fraserburgh | 21.2 | +18 | SSW | 3 | c | 51 | 49 | 7 | 5 | 7 | – | 6 | 5 | 6 | 60 | – |
| | Alness ... | 19.5 | +18 | SW'S | 5 | i.d. | 53 | 49 | 8 | 5 | 7 | – | 7 | 5 | 7 | 15 | – |
| | Wick ... | 18.4 | +12 | SW | 4 | c.bc | 56 | 50 | 9 | 5 | 7 | 2 | 5 | 4 | 4 | 25 | – |
| 16 | Hatston ... | 17.2 | +14 | SW'S | 5 | c.bc | 52 | 48 | 7 | 5 | – | 9 | 5 | 3 | 2 | 15 | 40 |
| | Sumburgh ... | 17.2 | +20 | SW | 5 | 2o | 48 | 42 | 6 | 5 | 7 | 2 | 6 | 1 | 4 | 9 | 40 |
| | Sullom Voe | 15.1 | +10 | SSW | 6 | c | 51 | 49 | 7 | 5 | 7 | – | 7 | 3 | 3 | 6 | – |
| 17 | Blacksod Point † | 22.1 | +22 | S'W | 6 | c | 51 | 49 | 6 | – | – | – | 8 | 8 | – | 8 | – |
| 18 | Malin Head † | 21.4 | +20 | S | 5 | i.d. | 52 | 50 | 7 | 5 | – | – | 8 | 8 | – | 8 | – |
| | Aldergrove | 25.8 | +18 | S'W | 5 | c | 55 | 49 | 8 | 5 | – | – | 7 | 3 | 6 | 8 | 15 |
| | Cas. Archdale | 24.6 | +20 | SSW | 5 | d.d. | 53 | 51 | 6 | 5 | 2 | – | 8 | 4 | 5 | 4 | 8 |
| 19 | Birr Castle ... † | 25.8 | +10 | SSW | 3 | c | 58 | 51 | 8 | 5 | – | 5 | 6 | 4 | – | 25 | – |
| | Collinstown † | 26.8 | +4 | SW'S | 5 | c | 55 | 48 | 8 | 7 | 4 | 2 | 6 | 3 | – | 22 | – |
| 20 | Foynes ... † | 25.9 | +22 | S'W | 4 | c | 57 | 50 | 8 | 5 | 3 | – | 6 | 6 | – | 28 | – |
| | Valentia ... † | 26.8 | +22 | S'W | 4 | o/r | 52 | 51 | 6 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Roches Point † | 29.4 | +10 | S | 3 | d.d. | 49 | 48 | 7 | 5 | – | – | 8 | 8 | – | 8 | – |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 33.3 | +8 | SW | 2 | 2o | 54 | 50 | 5 | 5 | 3 | – | 4 | 2 | 2 | 25 | – | 1 |
| | Croydon ... | 33.7 | +8 | SSW | 2 | 2o | 56 | 52 | 5 | – | 3 | 8 | 4 | 1 | 4 | – | – | 1 |
| | Boscombe Down | 33.6 | +6 | S | 2 | 2o | 52 | 52 | 5 | 5 | – | – | 4 | 4 | – | 15 | – | 0 |
| | Thorney Island | 34.3 | +6 | – | 0 | 2o | 49 | 48 | 5 | 5 | 3 | – | 5 | 4 | 5 | 40 | – | 1 |
| | Friston ... | | | | | | | | | | | | | | | | | |
| | Lympne ... | 33.9 | +2 | – | 0 | F+ | 48 | 48 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| | Manston ... | 33.7 | +8 | WSW | 2 | 2o | 53 | 51 | 5 | – | 3 | – | 5 | 5 | – | – | – | 1 |
| 2 | North Weald | 33.5 | +6 | SW'S | 2 | bcf+ | 55 | 50 | 3 | – | 4 | 9 | 4 | 2 | 4 | 150 | – | 1 |
| | Felixstowe ... | 32.8 | +6 | S | 2 | m | 45 | 44 | 4 | 5 | 3 | 2 | 5 | 3 | 3 | 20 | – | 0 |
| | Gorleston ... | 33.0 | +20 | S | 2 | bcf– | 42 | 40 | 3 | – | 4 | – | 4 | 4 | – | 100 | – | 1 |
| | Mildenhall | 32.6 | +6 | SW'W | 2 | 2o | 56 | 52 | 6 | – | – | – | 6 | 6 | – | – | – | 0 |
| | Bircham Newton | 32.1 | +6 | WSW | 2 | 2o | 55 | 51 | 6 | – | 7 | – | 7 | 7 | – | – | – | 1 |
| | Cranwell ... | 32.1 | +10 | W | 3 | 2o | 54 | 51 | 6 | – | 7 | – | 4 | 4 | – | – | – | 0 |
| 3 | Cranfield ... | 33.1 | +6 | W | 3 | 2o | 55 | 50 | 6 | – | 7 | 6 | 4 | 3 | 4 | 80 | – | 1 |
| | Honiley ... | 32.7 | –10 | SSW | 3 | c.bc | 53 | 51 | 7 | – | 4 | 9 | 5 | 4 | 5 | – | – | 1 |
| 4 | Little Rissington | 31.5 | +4 | WSW | 4 | 2o | 50 | 49 | 6 | 5 | – | 2 | 5 | 3 | 5 | 10 | – | 1 |
| | Shobden ... | 32.7 | +2 | W | 3 | c.bc | 54 | 49 | 8 | 5 | 7 | 1 | 5 | 4 | 4 | 25 | – | 1 |
| 5 | Bristol ... | 33.2 | +2 | – | 0 | 2o | 54 | 52 | 6 | 5 | – | – | 8 | 8 | – | 25 | – | 1 |
| | Chivenor ... | 33.7 | +6 | i.d. | 0 | i.d. | 51 | 50 | 6 | 5 | – | – | 8 | 5 | 8 | 5 | 8 | 1 |
| | Yeovilton | 33.7 | +6 | SW'S | 1 | f+ | 50 | 50 | 3 | 5 | – | – | 9 | 9 | – | 0 | – | 0 |
| | Portland Bill | 33.9 | +6 | W | 3 | cf | 46 | 44 | 2 | 5 | – | – | 8 | 8 | – | 25 | – | 1 |
| | Exeter ... | 34.0 | +6 | SSE | 1 | m | 52 | 49 | 6 | 5 | – | – | 4 | 4 | – | 20 | – | 1 |
| | Plymouth ... | 34.3 | +2 | – | 0 | df | 49 | 49 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| | St. Eval ... | 34.0 | +6 | WSW | 3 | i.d. | 51 | 50 | 6 | 5 | – | – | 8 | 4 | 8 | 8 | 15 | 1 |
| | The Lizard | 33.3 | +6 | SW | 2 | F | 49 | 49 | 1 | 5 | – | – | 8 | 8 | – | 2 | – | 1 |
| | Scilly, St. Marys | 33.0 | +6 | SSW | 2 | F | 50 | 50 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| | Fairwood ... | 33.1 | –4 | SW | 2 | df | 49 | 49 | 3 | 5 | – | – | 8 | 8 | – | 1 | – | 1 |
| 6 | Pembroke ... | 32.8 | +6 | S'E | 3 | F+ | 46 | 46 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| | Aberporth ... | 32.9 | +10 | SSW | 3 | i.d. | 50 | 48 | 8 | 5 | – | – | 7 | 7 | – | 6 | – | 1 |
| 7 | Penrhos ... | 32.5 | +10 | SSE | 3 | c | 47 | 47 | 6 | 5 | 2 | – | 8 | 5 | 8 | 2 | – | 1 |
| | Holyhead, Valley | 32.0 | +12 | SW | 5 | i.d. | 47 | 47 | 6 | 5 | – | – | 8 | 4 | 8 | 8 | 8 | 1 |
| | Hawarden ... | 32.4 | +24 | SW | 3 | c.bc | 52 | 44 | 8 | 5 | 7 | – | 5 | 4 | 5 | 15 | – | 9 |
| 8 | Manchester | 32.0 | +18 | SW | 3 | c | 54 | 49 | 7 | 5 | 3 | 2 | 7 | 3 | 4 | 18 | – | 1 |
| | Squires Gate | 31.6 | +6 | SSW | 3 | 2o | 47 | 45 | 5 | 5 | 4 | 1 | 4 | 1 | 3 | 8 | – | 1 |
| | Silloth ... | 30.1 | +18 | SW | 4 | c | 49 | 47 | 8 | 5 | – | – | 8 | 4 | 8 | 3 | 8 | 1 |
| | Ashbourne ... | 32.4 | +8 | WSW | 2 | c | 53 | 50 | 7 | 5 | 3 | 1 | 7 | 3 | 5 | 10 | – | 1 |
| 9 | Snaith ... | 32.0 | +16 | W | 4 | 2o | 55 | 49 | 6 | – | 3 | 9 | 6 | 5 | 3 | 100 | – | 1 |
| 10 | Spurn Head | 31.3 | +10 | WSW | 2 | 2o | 54 | 50 | 6 | 7 | 7 | – | 6 | 4 | 3 | 25 | 57 | 0 |
| | Leeming | 31.4 | +22 | – | 0 | c | 52 | 47 | 8 | 5 | 7 | – | 6 | 5 | 2 | 15 | – | 1 |
| | Tynemouth | 30.6 | +14 | SW | 3 | 2o | 53 | 47 | 6 | 2 | 3 | – | 5 | 4 | 3 | 24 | – | 1 |
| | Acklington | 29.6 | +18 | SW | 3 | c | 51 | 48 | 8 | 5 | – | – | 7 | 7 | – | 20 | – | 1 |
| 11 | St. Abb's Head | 26.1 | +8 | SSW | 5 | c.bc.jp | 49 | 47 | 8 | 5 | 4 | – | 5 | 4 | 3 | 25 | – | 0 |
| | Leuchars ... | 26.4 | +18 | SW | 4 | 2o | 51 | 49 | 6 | 5 | 4 | – | 5 | 3 | 4 | 15 | 25 | 1 |
| | Montrose ... | 25.9 | +18 | SSW | 3 | 2o | 51 | 49 | 6 | 5 | – | – | 7 | 4 | 5 | 15 | 25 | 1 |
| 12 | Abbotsinch | 27.1 | +20 | SW | 3 | 2o | 51 | 48 | 6 | 5 | – | – | 5 | 4 | 3 | 14 | 25 | 1 |
| | Prestwick ... | 29.2 | +22 | S | 4 | c.bc | 51 | 47 | 7 | 5 | – | – | 5 | 5 | 5 | 25 | 40 | 1 |
| | West Freugh | 29.2 | +32 | SSE | 2 | 2o | 46 | 46 | 5 | 5 | 3 | – | 7 | 3 | 5 | 1 | 8 | 0 |
| | Eskdalemuir | 29.8 | +12 | SW | 4 | 2o.r | 45 | 44 | 6 | – | 2 | – | 8 | 8 | – | 1 | – | 1 |
| | Jurby, I. of Man | 29.6 | +14 | SW'S | 4 | bc | 53 | 49 | 8 | 5 | – | 9 | 4 | 1 | 4 | 5 | 40 | 1 |
| 13A | Machrihanish | 27.1 | –20 | SSE | 3 | bc | 49 | 47 | 7 | 8 | 7 | 1 | 4 | 2 | 3 | 15 | 25 | 0 |
| | Tiree ... | 24.3 | +22 | SSW | 5 | c | 49 | 47 | 7 | – | – | 7 | 8 | 1 | 8 | – | – | 1 |
| | Oban ... | 26.6 | +30 | SW | 2 | c/pr | 49 | 48 | 8 | 8 | – | – | 7 | 3 | 7 | 20 | 25 | 1 |
| 13B | Stornoway ... | 20.1 | +30 | SSW | 6 | pr | 48 | 47 | 7 | 2 | – | – | 6 | 5 | 5 | 10 | 15 | 1 |
| | Cape Wrath | 18.1 | +24 | SW | 6 | c | 43 | 43 | 8 | 5 | 2 | – | 7 | 4 | – | 15 | – | 1 |
| 15 | Dalwhinnie | 24.5 | +12 | SW | 5 | pr | 46 | 44 | 7 | 8 | – | 5 | 5 | 5 | 2 | 22 | – | 1 |
| | Aberdeen ... | 24.9 | +20 | SW'S | 4 | 2o | 53 | 48 | 6 | 5 | 4 | 8 | 5 | 1 | 2 | 15 | 40 | 1 |
| | Fraserburgh | 24.0 | +22 | SSW | 4 | bc.r | 51 | 47 | 7 | 5 | 4 | 9 | 4 | 4 | 3 | 30 | – | 1 |
| | Alness ... | 21.8 | +20 | WSW | 6 | b.bc | 53 | 45 | 8 | 8 | – | 1 | 3 | 3 | 2 | 25 | – | 1 |
| | Wick ... | 21.9 | +26 | SW | 3 | b/pr | 49 | 47 | 8 | 8 | – | 1 | 2 | 2 | 1 | 30 | – | 0 |
| 16 | Hatston ... | 20.2 | +20 | SW | 3 | c.bc/r | 51 | 47 | 7 | 8 | 3 | – | 5 | 3 | 4 | 20 | 40 | 1 |
| | Sumburgh ... | 19.1 | +14 | SW | 5 | i.o | 47 | 46 | 7 | 5 | 7 | – | 7 | 3 | 7 | 15 | 40 | 0 |
| | Sullom Voe | 18.0 | +14 | SSW | 6 | i.r | 49 | 47 | 6 | 5 | 7 | – | 8 | 4 | 8 | 10 | – | 1 |
| 17 | Blacksod Point † | 25.3 | +14 | SSW | 3 | c.bc | 49 | 48 | 6 | 5 | – | 6 | 5 | 4 | – | 8 | – | 2 |
| 18 | Malin Head † | 25.1 | +26 | SSW | 3 | bc | 50 | 45 | 8 | 5 | – | 2 | 4 | 4 | – | 15 | – | 2 |
| | Aldergrove | 28.2 | +16 | SSW | 3 | b | 52 | 48 | 8 | 8 | 4 | 1 | 2 | 2 | 1 | 25 | – | 1 |
| | Cas. Archdale | 28.0 | +26 | SW | 5 | bc | 52 | 47 | 8 | 4 | – | 8 | 4 | 3 | 3 | 20 | – | 1 |
| 19 | Birr Castle ... † | 28.1 | +14 | S | 2 | c | 55 | 50 | 8 | 5 | 1 | – | 7 | 5 | – | 25 | – | 1 |
| | Collinstown † | 30.2 | +18 | SSW | 3 | c | 52 | 47 | 8 | 5 | – | – | 7 | 7 | – | 21 | – | 1 |
| 20 | Foynes ... † | 28.5 | +14 | E1 | 2 | c.bc | 54 | 49 | 8 | 5 | – | – | 8 | 8 | – | 2 | – | 1 |
| | Valentia ... † | 28.6 | +12 | SE | 4 | i.o | 52 | 51 | 6 | 5 | – | – | 8 | 8 | – | 2 | – | 1 |
| | Roches Point † | 30.4 | +10 | S | 4 | d.d. | 48 | 47 | 5 | 5 | – | – | 8 | 8 | – | 4 | – | 1 |

### OBSERVATIONS during DAY

| Stations | Weather. 06h.–12h. (34) | Weather. 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | c.m.m. | c.b.c.m. | 61 | 2.4 | – |
| Croydon | c.m. | c.m.b.c2. | 63 | 3.5 | – |
| Boscombe Down | c.d.o.m.o.f.o.m. | c.m.o.c.b | 57 | 2.5 | – |
| Thorney Island | o.f.f | o.f.F | 51 | * | Tr |
| Friston | | | | | |
| Lympne | o.F.F | o.F.c.m. | 51 | 0.3 | Tr |
| Manston | o.f.c.m. | c.m. | 54 | 0.1 | Tr |
| North Weald | c.f.c.f.m | c.m2.b.c.f | 61 | * | Tr |
| Felixstowe | o.F.c.f | b.c.m.c.m | 58 | 1.7 | Tr |
| Gorleston | o.f.e.c2. | c.f | 55 | 0.8 | – |
| Mildenhall | o.F.c.i.d.c.m. | c | 62 | 2.3 | – |
| Bircham Newton | c.m | c.m. | 58 | 0.0 | – |
| Cranwell | b.c.m.o.c.m. | c.m.o.b.c.m. | 60 | 5.0 | – |
| Cranfield | o.f.f.c.m.c.m. | c.m.o.b.c.m. | 59 | * | – |
| Honiley | o.m.c.m. | c.b.c | 60 | 2.9 | – |
| Little Rissington | o.F.e.o.m | o.m.o.c.m. | 52 | * | – |
| Shobden | c.m.o.c | c.b.c | 58 | * | – |
| Bristol | c.m.o.c.m.o.c | c.m.o.b.c.m. | 59 | 1.1 | Tr |
| Chivenor | c.f.m.o.o | c | 55 | 0.0 | – |
| Yeovilton | 2.c.2.c | c.m. | 60 | * | – |
| Portland Bill | o.f.f | o.f.f | 48 | * | – |
| Exeter | c. | c.b.c.m. | 59 | 1.4 | – |
| Plymouth | o.f. | o.m.o.F.d.o.d. | 52 | 0.0 | 0.3 |
| St. Eval | o.i.d.o.d.f | c.i.d.o.m. | 53 | 0.0 | 0.4 |
| The Lizard | o.F.f | o.F.f | 51 | 0.0 | 0.5 |
| Scilly, St. Marys | F.F.e | o.f.f.e | 52 | 0.0 | 0.3 |
| Fairwood | d.o.d.d.F | o.d.o.d.o.f | 49 | * | Tr |
| Pembroke | o.F.e.o.f | o.F | 48 | 0.0 | 0.1 |
| Aberporth | c.b.,o.,f.c | b.d.o.d.o.c | 52 | 0.8 | Tr |
| Penrhos | c.d.o.d.o.m. | c | 49 | 0.0 | 1 |
| Holyhead, Valley | o.d.o.d.o.f | o.d.o.d.o.c.m. | 48 | * | 0.1 |
| Hawarden | c.b.c | b.c.c | 58 | 1.9 | – |
| Manchester | c.m. | c.m.o.c | 57 | * | – |
| Squires Gate | c.f.m.d.o.c | c.b.c.m. | 51 | * | – |
| Silloth | c.i.d.o.m.o.c.i.d. | c.i.d.o.c | 49 | * | – |
| Ashbourne | f.f.d.o.d.o.c.m. | c | 56 | * | Tr |
| Snaith | b.c.m.c.m | c.m2.o.m. | 61 | 1.3 | – |
| Spurn Head | c.m. | c.m. | 58 | 4.0 | – |
| Leeming | c | c.c2.o.c | 61 | 0.5 | – |
| Tynemouth | c.m. | c.m. | 56 | * | – |
| Acklington | c | c | 54 | * | – |
| St. Abb's Head | c | b.c.b.c | 51 | * | – |
| Leuchars | c.m.o.c | c.c.m.o.c.m. | 55 | 0.2 | Tr |
| Montrose | c.m. | c.c.m. | 55 | 0.2 | – |
| Abbotsinch | c.m. | i.d.o.b.c.m. | 54 | 0.0 | Tr |
| Prestwick | b.c.c.o.c | c.o.b.c | 53 | * | – |
| West Freugh | c.c.m.o.c | c.m. | 51 | * | – |
| Eskdalemuir | o.i.r.e.d.o.d.o.f | o.d.o.d.o.f.r.o.m | 45 | 0.0 | 2 |
| Jurby, I. of Man | c.i.d.o.j.f.m. | c | 54 | * | – |
| Machrihanish | c | c.b.c | 57 | * | – |
| Tiree | c.d.o.m.o.c.d.o.m. | c | 52 | 0.0 | 0.6 |
| Oban | c.i.d.o.d.o.m. | C.d.o.d.o.D.D.m.o.pr | 53 | * | |
| Stornoway | c.d.o.d.o.m.o.c | c.c.pr.o.c | 52 | 0.0 | 0.2 |
| Cape Wrath | c | c | 52 | * | – |
| Dalwhinnie | c.i.r.i.d.o | o.p.r.c | 50 | 0.1 | 1 |
| Aberdeen | c | b.c.r.o.b.c | 56 | 0.4 | – |
| Fraserburgh | c.c.f.c.m.o.c | c.i.d.o.p.r.b.c | 55 | * | Tr |
| Alness | i.r.e.c.i.d. | c.i.d.o.p.r.b.c | 55 | 0.1 | Tr |
| Wick | | b.c.p.r. | 57 | 3.1 | 0.1 |
| Hatston | d.c | c.c.r.c | 57 | * | 0.4 |
| Sumburgh | c.m.o.i.r.c | c.i.r.o.c | 48 | 0.0 | Tr |
| Sullom Voe | c.d.o.c | c.i.r.o.m. | 52 | * | 2 |
| Blacksod Point † | c | c | 54 | * | 0.1 |
| Malin Head † | d | b.c | 55 | 0.6 | 0.1 |
| Aldergrove | c | c.b.c.b | 55 | 1.2 | Tr |
| Cas. Archdale | c.i.d.o.d.o.c.d.o.d.o.m. | c.d.o.d.o.m.b.c | 55 | * | Tr |
| Birr Castle † | c | c | 59 | 3.2 | – |
| Collinstown † | c | c | 58 | 4.7 | – |
| Foynes † | c | d | 58 | 1.4 | 0.1 |
| Valentia † | r | d | 55 | 0.0 | 0.5 |
| Roches Point † | d | d | 50 | * | 1 |

* Information not usually received.

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.

‡ See footnote p. 4.

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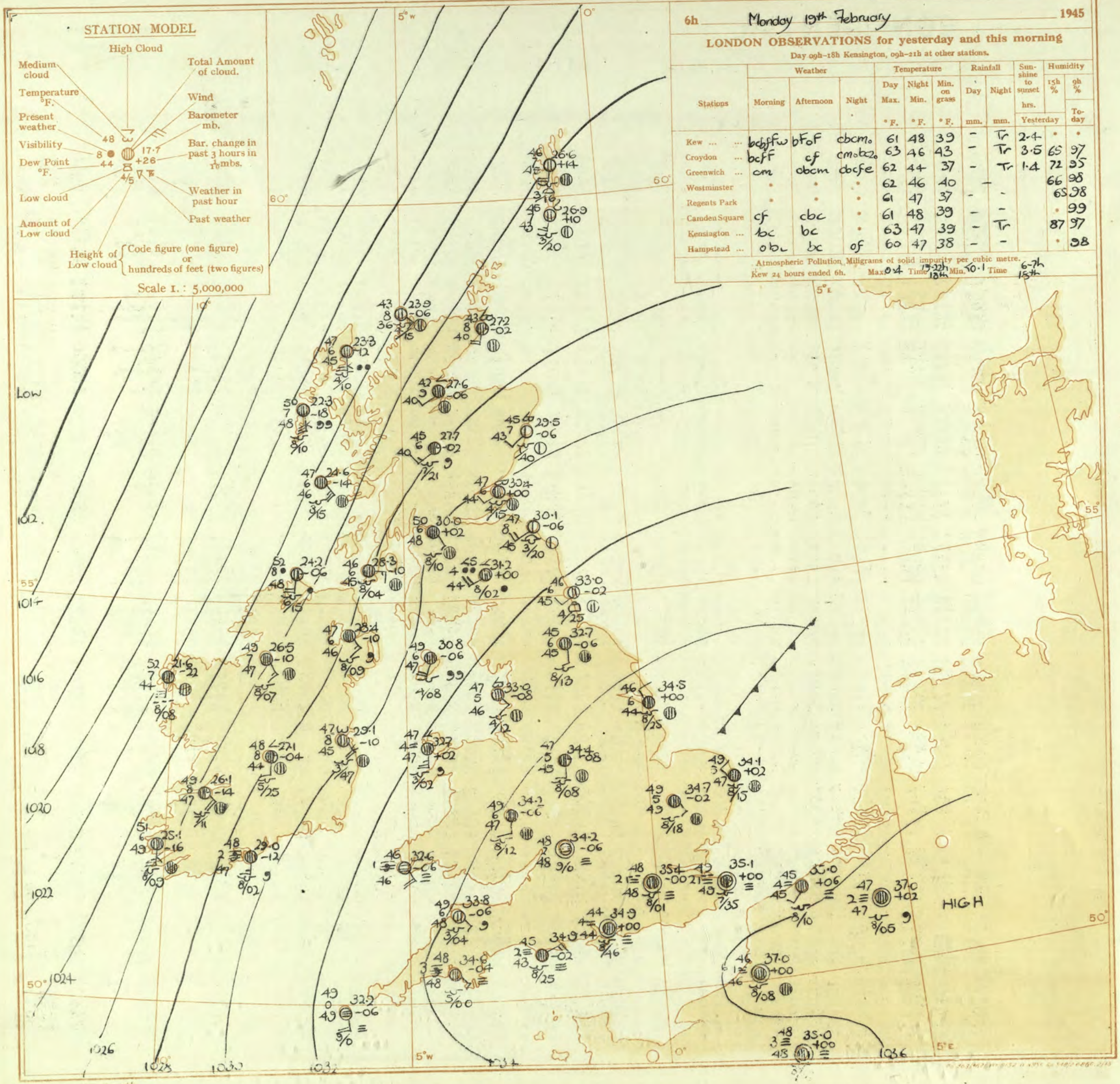
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.




6h Monday 19th February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | bchffw | bFoF | cbcm. | 61 | 48 | 39 | – | Tr | 2·4 | • | • |
| Croydon ... | bcff | cf | cmobc. | 63 | 46 | 43 | – | Tr | 3·5 | 65 | 97 |
| Greenwich ... | cm | obcm | cbcfe | 62 | 44 | 37 | – | Tr | 1·4 | 72 | 95 |
| Westminster | • | • | • | 62 | 46 | 40 | – | | | 66 | 98 |
| Regents Park | • | • | • | 61 | 47 | 37 | – | – | | 65 | 98 |
| Camden Square | cf | cbc | • | 61 | 48 | 39 | – | – | | • | 99 |
| Kensington ... | bc | bc | • | 63 | 47 | 39 | – | Tr | | 87 | 97 |
| Hampstead ... | obc | bc | of | 60 | 47 | 38 | – | – | | • | 98 |

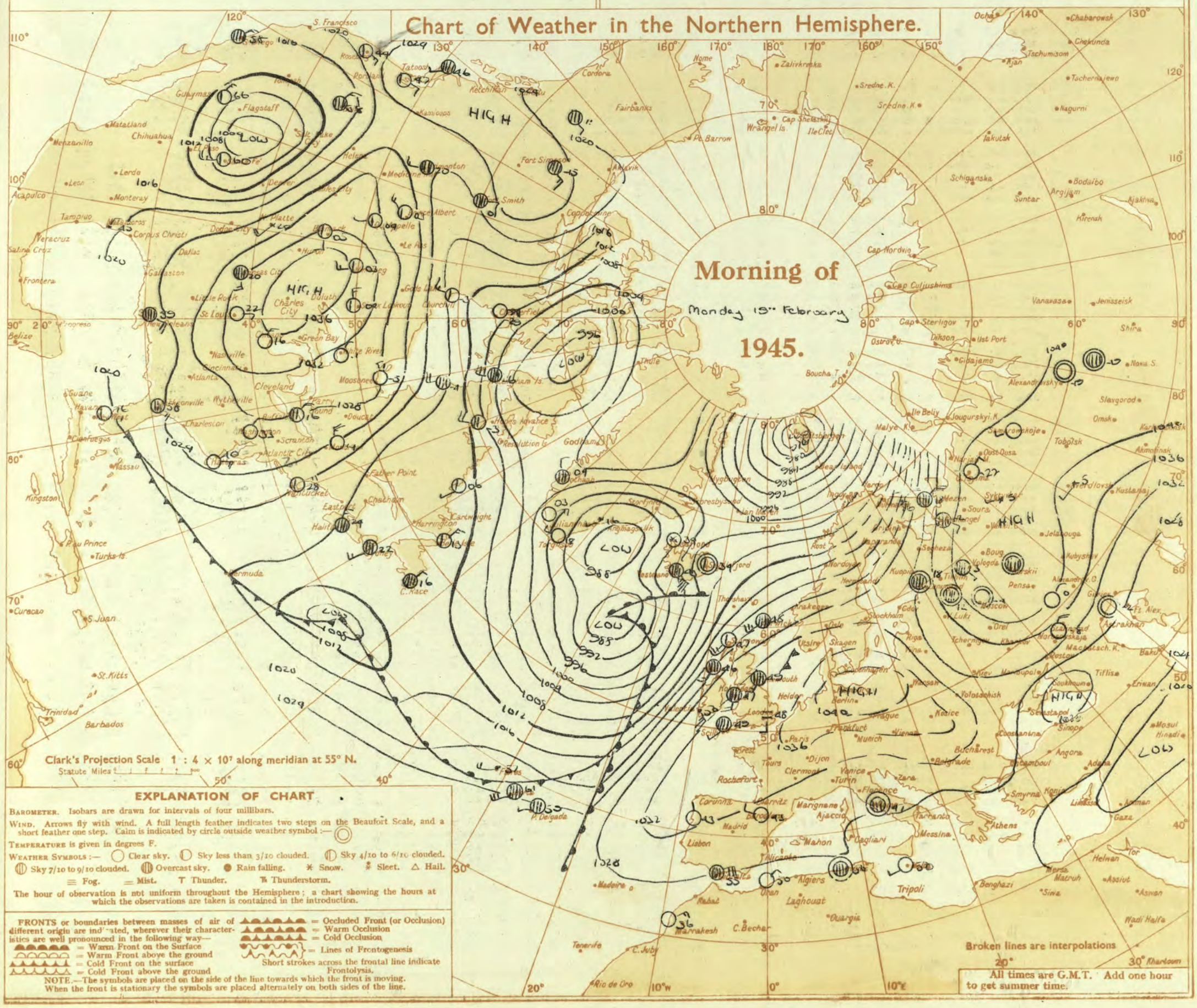
Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0·4 Time 13-22h 18th Min. 0·1 Time 6-7h 18th

## GENERAL INFERENCE

An anticyclone extends from West Russia to France and a deep depression southwest of Iceland is moving northeast.
Weather will be mainly cloudy and very mild with occasional rain in the North and West.
Fog will occur locally

## FURTHER OUTLOOK

Similar
Gale warning in operation in districts 13A 13B 17 and 18 (part of)
Issued 0755 G.M.T 15 Feb 1945
in district 15 (part of)
Issued 0315 G.M.T. 18 Feb 1945




## 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.

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.

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 19th February 1945

No. 30405

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

| 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 | | * | * | * | * | 49 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 35·7 | +8 | S | 2 | f | 48 | 48 | 2 | – | – | – | 9 | 9 | – | 0 | – |
| | Boscombe Down | 417 | 35·0 | +6 | – | 0 | f. | 49 | 49 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Thorney Island | 10 | 35·3 | +6 | – | 0 | cF | 45 | 45 | 1 | 5 | – | – | 8 | 8 | – | 1 | — |
| | Friston ... | — | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 35·4 | +2 | – | 0 | bf | 45 | 45 | 2 | – | – | – | 0 | 0 | 0 | – | – |
| | Manston ... | 140 | 03·5 | +4 | WSW | 1 | m | 49 | 49 | 4 | – | 7 | – | 3 | 3 | – | – | – |
| 2 | North Weald | 244 | 35·5 | 0 | W | 2 | cf | 51 | 49 | 3 | 5 | – | – | 7 | 7 | – | 25 | – |
| | Felixstowe ... | 10 | 34·6 | +8 | WNW | 2 | cf | 47 | 47 | 3 | 5 | 3 | – | 8 | 4 | 8 | 16 | – |
| | Gorleston ... | 5 | 33·8 | 0 | WNW | 1 | m | 50 | 48 | 4 | 5 | | – | 8 | 8 | – | 10 | – |
| | Mildenhall | 15 | 34·6 | +8 | WSW | 2 | z0 | 51 | 49 | 5 | 5 | – | – | 8 | 8 | – | 23 | – |
| | Bircham Newton | 221 | 34·5 | +10 | WSW | 2 | m | 48 | 48 | 4 | – | 7 | – | 1 | 1 | – | 22 | – |
| | Cranwell ... | 203 | 34·1 | +14 | W | 2 | z0 | 49 | 49 | 5 | – | 4 | – | 2 | 2 | | – | – |
| 3 | Cranfield ... | 340 | 34·5 | +2 | W | 2 | z0 | 49 | 48 | 5 | 5 | – | – | 8 | 5 | 8 | 7 | 15 |
| | Honiley ... | 427 | 34·8 | +10 | SW | 1 | z0 | 50 | 49 | 5 | 5 | – | – | 8 | 5 | 8 | 10 | 25 |
| 4 | Little Rissington | 731 | 35·0 | +8 | – | 0 | id0 | 49 | 49 | 6 | 5 | – | – | 8 | 8 | – | 14 | – |
| | Shobden ... | 318 | 34·9 | +6 | SW | 2 | e | 50 | 46 | 8 | 5 | 7 | – | 8 | 5 | 8 | 14 | – |
| 5 | Bristol ... | 209 | 35·1 | +6 | SW | 1 | id0 | 51 | 50 | 5 | 5 | – | – | 8 | 8 | – | 10 | – |
| | Chivenor ... | 20 | 34·7 | +2 | – | 0 | d0d0 | 50 | 50 | 4 | 5 | – | – | 8 | 4 | 8 | 1 | 1 |
| | Yeovilton | 50 | 35·1 | +2 | – | 0 | df | 49 | 49 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Portland Bill | 32 | 35·3 | 0 | SW | 2 | ef | 46 | 44 | 2 | 5 | – | – | 8 | 8 | – | 25 | – |
| | Exeter ... | 100 | 35·3 | +6 | – | 0 | z0 | 47 | 46 | 5 | 5 | – | – | 8 | 5 | 8 | 14 | 25 |
| | Plymouth ... | 86 | 35·2 | 0 | – | 0 | f | 47 | 47 | 3 | – | – | – | 9 | 9 | – | 0 | – |
| | St. Eval ... | 345 | 34·8 | 0 | SSW | 2 | z0 | 49 | 49 | 6 | 5 | – | – | 5 | 5 | – | 18 | – |
| | The Lizard | 240 | 34·2 | 0 | SSE | 2 | f | 48 | 48 | 2 | 5 | – | – | 8 | 8 | – | 0 | – |
| | Scilly, St. Marys | 163 | 33·6 | 0 | SSW | 2 | cf- | 49 | 49 | 3 | 5 | – | – | 8 | 8 | – | 2 | – |
| 6 | Fairwood ... | 268 | 34·9 | +2 | E | 1 | df | 47 | 47 | 1 | 5 | – | – | 8 | 8 | – | – | – |
| | Pembroke ... | 142 | 33·5 | 0 | SE | 1– | z0 | 46 | 46 | 6 | 5 | – | – | 8 | 8 | – | 21 | – |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 33·6 | –2 | SSW | 3 | d0d0 | 46 | 46 | 5 | 5 | – | – | 8 | 8 | – | 1 | – |
| | Holyhead, Valley | 32 | 33·4 | +2 | S | 4 | m | 47 | 47 | 4 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Hawarden | 15 | 33·6 | +2 | SSE | 2 | b-bc | 46 | 45 | 8 | – | 4 | – | 3 | 3 | – | – | – |
| 8 | Manchester | 230 | 33·6 | –2 | S'W | 2 | b-bc | 45 | 44 | 7 | 6 | 4 | – | 3 | 3 | 2 | 25 | – |
| | Squires Gate | 30 | 33·7 | +6 | SSW | 2 | z0 | 46 | 45 | 6 | 5 | – | – | 8 | 7 | – | 14 | – |
| | Silloth ... | 25 | 32·1 | +2 | SW'W | 3 | z0 | 45 | 45 | 6 | 5 | – | – | 8 | 8 | – | 7 | – |
| 9 | Ashbourne ... | 590 | 34·4 | +10 | WSW | 2 | z0 | 46 | 45 | 5 | – | 4 | – | 2 | 2 | – | – | – |
| | Snaith ... | 30 | 34·1 | +8 | WNW | 2 | m | 45 | 43 | 4 | 5 | – | – | 8 | 8 | – | 16 | – |
| 10 | Spurn Head | 29 | 33·6 | +12 | S'W | 2 | z0 | 47 | 45 | 6 | 7 | – | – | 3 | 3 | – | 25 | – |
| | Leeming | 105 | 33·3 | +10 | SE | 1 | c-bc | 49 | 46 | 7 | 5 | 7 | – | 5 | 4 | 3 | 15 | – |
| | Tynemouth | 108 | 32·6 | +8 | SSW | 3 | z0 | 49 | 47 | 5 | 5 | – | – | 6 | 6 | – | 25 | – |
| | Acklington | 138 | 32·9 | +16 | NW | 1 | bc | 48 | 46 | 8 | 5 | 3 | – | 4 | 3 | 4 | 15 | – |
| 11 | St. Abb's Head | 280 | 30·5 | 0 | SW | 4 | bc | 46 | 42 | 8 | – | – | 9 | 4 | 4 | – | – | – |
| | Leuchars ... | 31 | 29·9 | +26 | SW | 3 | z0 | 49 | 47 | 6 | 5 | – | 1 | 4 | 2 | 4 | 30 | – |
| | Montrose ... | 22 | 30·2 | +22 | – | 0 | z0 | 49 | 45 | 6 | 5 | – | 2 | 3 | 3 | 1 | 10 | – |
| 12 | Abbotsinch | 19 | 30·0 | +12 | SW'W | 2 | z0 | 48 | 47 | 6 | 5 | – | – | 4 | 4 | – | 20 | – |
| | Prestwick ... | 30 | 30·6 | +6 | SE | 2 | bc | 47 | 45 | 7 | 2 | 5 | – | 4 | 3 | 3 | 20 | – |
| | West Freugh | 53 | 31·1 | +6 | SSE | 2 | f | 46 | 46 | 3 | – | – | – | 9 | 9 | – | 0 | – |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 31·5 | 0 | S | 3 | c-bc | 50 | 48 | 7 | 5 | – | – | 5 | 1 | 4 | 8 | 15 |
| 13A | Machrihanish | 35 | 29·4 | +2 | SE | 3 | bc | 47 | 45 | 7 | 5 | – | 9 | 4 | 1 | 4 | 15 | – |
| | Tiree ... | 44 | 27·2 | +2 | S'W | 3 | z0 | 46 | 43 | 6 | 4 | – | 7 | 8 | 1 | 8 | 50 | – |
| | Oban ... | 74 | 29·1 | +2 | – | 0 | c-bc | 46 | 46 | 7 | 8 | 3 | 6 | 5 | 3 | 3 | 30 | – |
| 13B | Stornoway ... | 12 | 24·1 | +10 | SSW | 5 | b-bc | 47 | 45 | 7 | 2 | – | – | 3 | 3 | – | 12 | – |
| | Cape Wrath | 367 | 23·6 | +24 | SW | 5 | bc | 45 | 43 | 8 | 5 | – | – | 4 | 4 | – | 25 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen ... | 79 | | | | | | | | | | | | | | | | |
| | Fraserburgh | 76 | 29·0 | +22 | WSW | 3 | c-bc | 45 | 40 | 7 | – | – | 7 | 5 | 5 | – | – | – |
| | Alness ... | 63 | 27·9 | +28 | – | 0 | b-bc | 46 | 42 | 8 | 8 | – | 1 | 3 | 2 | 3 | 25 | – |
| | Wick ... | 114 | 27·1 | +26 | SW | 4 | bc | 46 | 40 | 8 | – | – | 6 | 4 | 4 | – | – | – |
| 16 | Hatston ... | 45 | 25·9 | +30 | SW | 4 | b• | 47 | 43 | 7 | – | 4 | – | 1 | 1 | – | – | – |
| | Sumburgh ... | 15 | 24·3 | +26 | WSW | 5 | b | 46 | 45 | 7 | 5 | – | – | 2 | 2 | – | 8 | – |
| | Sullom Voe | 12 | 23·4 | +26 | SW'S | 5 | c | 48 | 46 | 7 | 2 | – | – | 8 | 8 | – | 16 | – |
| 17 | Blacksod Point † | 18 | 25·6 | –4 | S'E | 4 | id | 51 | 49 | 7 | 6 | 2 | – | 8 | 4 | – | 8 | – |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 30·5 | +2 | S'E | 3 | c | 50 | 49 | 7 | 5 | – | – | 8 | 8 | – | 6 | – |
| | Cas. Archdale | 240 | 28·1 | –2 | SSE | 4 | c | 51 | 49 | 8 | 5 | – | – | 8 | 5 | 8 | 15 | – |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 31·3 | +2 | – | 0 | fq | 45 | 44 | 8 | 5 | – | – | 2 | 2 | – | 21 | – |
| 20 | Foynes ... † | 3 | 28·0 | –6 | SE | 3 | c | 52 | 48 | 8 | 5 | – | – | 6 | 6 | – | 12 | – |
| | Valentia ... | 30 | 28·4 | 0 | SSE | 5 | d0d0 | 50 | 49 | 6 | 5 | – | – | 8 | 8 | – | 4 | – |
| | Roches Point † | 22 | 31·4 | +2 | S | 4 | d0d0 | 48 | 47 | 6 | 5 | – | – | 8 | 8 | – | 8 | – |

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

| 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) | 9 h. State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 34·8 | –2 | – | 0 | Fe | 48 | 47 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Croydon | 35·4 | 0 | – | 0 | ef+ | 48 | 48 | 2 | 5 | – | – | 8 | 8 | – | 1 | – | 1 |
| Boscombe Down | 34·7 | –6 | – | 0 | bcF- | 44 | 44 | 1 | 5 | – | – | 4 | 4 | – | 10 | – | 1 |
| Thorney Island | 34·9 | 0 | – | 0 | m/f | 44 | 44 | 4 | 5 | – | – | 8 | 8 | – | 46 | – | 1 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 35·5 | +4 | – | 0 | m/f | 47 | 47 | 4 | 5 | 7 | – | 5 | 4 | 5 | 39 | – | 1 |
| Manston | 35·1 | 0 | – | 0 | ef+ | 49 | 49 | 2 | 5 | – | – | 7 | 7 | – | 35 | – | 1 |
| North Weald | 35·0 | –2 | – | 0 | f- | 49 | 48 | 3 | 5 | 7 | – | 7 | 4 | 7 | 25 | – | 1 |
| Felixstowe | 34·8 | +2 | NW | 2 | z0 | 48 | 47 | 5 | 5 | – | – | 8 | 8 | – | 21 | – | 0 |
| Gorleston | 34·1 | +2 | WNW | 2 | z0 | 49 | 47 | 5 | 5 | – | – | 8 | 8 | – | 15 | – | 1 |
| Mildenhall | 34·7 | –2 | SE | 1 | z0 | 49 | 49 | 5 | 5 | – | – | 8 | 8 | – | 18 | – | 0 |
| Bircham Newton | 34·4 | –4 | – | 0 | m | 48 | 47 | 4 | 5 | – | – | 8 | 8 | – | 11 | – | 1 |
| Cranwell | 34·1 | –4 | – | 0 | m | 48 | 47 | 4 | 5 | – | – | 8 | 8 | – | 15 | – | 0 |
| Cranfield | 34·3 | –6 | – | 0 | z0 | 49 | 49 | 5 | 5 | – | – | 8 | 8 | – | 8 | – | 1 |
| Honiley | 33·9 | –6 | SSW | 2 | m | 50 | 48 | 4 | 5 | – | – | 8 | 6 | 8 | 8 | 15 | 1 |
| Little Rissington | 34·2 | –6 | – | 0 | f+ | 48 | 48 | 2 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Shobden | 34·2 | –6 | S | 2 | z0 | 49 | 47 | 6 | 5 | – | – | 8 | 8 | – | 12 | – | 1 |
| Bristol | 34·4 | –10 | SW | 2 | z0 | 50 | 49 | 5 | 5 | – | – | 4 | 4 | – | 16 | – | 1 |
| Chivenor | 33·8 | –6 | SE | 1 | z0 | 49 | 48 | 6 | 5 | – | – | 4 | 3 | 4 | 4 | 15 | 1 |
| Yeovilton | 34·5 | –4 | – | 0 | f | 47 | 47 | 3 | 5 | – | – | 8 | 8 | – | 4 | – | 1 |
| Portland Bill | 34·9 | –2 | NE | 3 | of | 45 | 43 | 2 | 5 | – | – | 8 | 8 | – | 25 | – | 1 |
| Exeter | 34·6 | –6 | SE | 2 | m/f | 47 | 47 | 4 | 5 | – | – | 8 | 3 | 8 | 2 | 25 | 1 |
| Plymouth | 34·6 | –4 | ESE | 1 | df | 48 | 48 | 3 | 5 | – | – | 5 | 5 | – | 0 | – | 1 |
| St. Eval | 33·6 | –6 | SSE | 4 | z0 | 48 | 48 | 5 | 5 | – | – | 7 | 4 | 7 | 3 | 40 | 1 |
| The Lizard | 32·9 | –14 | S'E | 2 | f | 48 | 48 | 2 | 5 | – | – | 8 | 8 | – | 2 | – | 0 |
| Scilly, St. Marys | 32·2 | –6 | S'E | 4 | F | 49 | 49 | 0 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Fairwood | 34·1 | –10 | – | 0 | df | 47 | 47 | 2 | – | – | – | 8 | 8 | – | 0 | – | 1 |
| Pembroke | 32·6 | –6 | SE'S | 4 | dF | 46 | 46 | 1 | – | – | – | 9 | 9 | – | 0 | – | 1 |
| Aberporth | 33·0 | –6 | SSE | 3 | c | 48 | 48 | 7 | 5 | – | – | 8 | 8 | – | 10 | – | 1 |
| Penrhos | 32·9 | –2 | S | 3 | id0 | 45 | 45 | 6 | 5 | – | – | 8 | 8 | – | 6 | – | 1 |
| Holyhead, Valley | 32·7 | +2 | S | 5 | z0 | 47 | 47 | 4 | 5 | 2 | – | 8 | 3 | 8 | 2 | 15 | 1 |
| Hawarden | 32·9 | –8 | S | 2 | z0 | 43 | 43 | 5 | 5 | – | – | 3 | 3 | – | 23 | – | 1 |
| Manchester | 33·3 | –6 | S | 2 | z0 | 48 | 46 | 6 | 5 | – | – | 8 | 8 | – | 9 | – | 1 |
| Squires Gate | 33·0 | –8 | SE | 2 | z0 | 47 | 46 | 5 | 5 | 7 | – | 5 | 4 | 4 | 12 | – | 1 |
| Silloth | 31·8 | –4 | S | 2 | d0d0 | 47 | 47 | 5 | 5 | – | – | 8 | 4 | 8 | 7 | 15 | 1 |
| Ashbourne | 34·4 | –8 | S | 1 | z0 | 47 | 45 | 5 | 5 | – | – | 8 | 8 | – | 8 | – | 1 |
| Snaith | 34·2 | –2 | SE | 1 | m | 48 | 46 | 4 | 5 | – | – | 8 | 8 | – | 13 | – | |
| Spurn Head | 34·0 | 0 | NW | 2 | z0 | 46 | 44 | 6 | 5 | – | – | 8 | 8 | – | 25 | – | |
| Leeming | 32·7 | –6 | SSE | 1 | z0 | 45 | 45 | 6 | 5 | – | – | 8 | 8 | – | 13 | – | 0 |
| Tynemouth | 33·0 | –2 | SW | 2 | z0 | 46 | 45 | 6 | 2 | – | – | 4 | 4 | – | 25 | – | 1 |
| Acklington | 31·9 | –6 | SSE | 2 | z0 | 46 | 45 | 6 | 5 | 3 | – | 3 | 3 | 2 | 30 | – | 1 |
| St. Abb's Head | 30·1 | –6 | SW | 4 | b-bc | 47 | 45 | 8 | 4 | – | – | 3 | 3 | – | 20 | – | 0 |
| Leuchars | 30·4 | 0 | SW | 2 | z0 | 47 | 44 | 6 | 5 | 7 | – | 5 | 4 | 3 | 15 | – | 1 |
| Montrose | 30·8 | –2 | SSE | 1 | z0 | 44 | 42 | 6 | 5 | 4 | – | 3 | 2 | 3 | 20 | – | 1 |
| Abbotsinch | 30·0 | +2 | SE | 1 | z0 | 50 | 48 | 6 | 5 | – | – | 8 | 8 | – | 10 | – | 1 |
| Prestwick | 30·0 | –6 | SE | 3 | id0 | 48 | 46 | 6 | 5 | – | – | 8 | 5 | 8 | 8 | 15 | 1 |
| West Freugh | 30·0 | –6 | SSE | 3 | c/r | 46 | 46 | 7 | 5 | – | – | 8 | 6 | 8 | 6 | 15 | 1 |
| Eskdalemuir | 31·2 | 0 | SW | 4 | r0r0 | 45 | 44 | 4 | – | 2 | – | 8 | 8 | – | 2 | – | 1 |
| Jurby, I. of Man | 30·8 | –6 | S'W | 4 | c/d | 49 | 47 | 6 | 5 | – | – | 8 | 4 | 8 | 8 | 25 | 1 |
| Machrihanish | 28·3 | –10 | E | 3 | z0 | 46 | 45 | 6 | 5 | – | – | 8 | 3 | 8 | 4 | 15 | 0 |
| Tiree | 24·6 | –14 | SE'S | 5 | z0 | 47 | 46 | 6 | 5 | – | – | 8 | 8 | – | 15 | – | 1 |
| Oban | 27·5 | –12 | – | 0 | r0r0 | 49 | 47 | 6 | 5 | – | – | 8 | 2 | 8 | 6 | 15 | 1 |
| Stornoway | 23·3 | –12 | S | 4 | c0c/r | 47 | 45 | 6 | 5 | – | – | 5 | 4 | 5 | 10 | 15 | 1 |
| Cape Wrath | 23·9 | –6 | SSE | 3 | bc | 43 | 36 | 8 | 5 | – | – | 4 | 4 | – | 25 | – | |
| Dalwhinnie | 27·7 | –2 | SW | 3 | c | 45 | 40 | 6 | 5 | – | – | 7 | 7 | – | 21 | – | 1 |
| Aberdeen | 29·5 | –6 | SW'S | 2 | b-bc | 45 | 43 | 7 | 5 | 7 | – | 3 | 1 | 3 | 40 | – | 1 |
| Fraserburgh | 29·1 | –6 | S | 2 | c | 42 | 39 | 7 | – | 3 | 7 | 8 | 5 | 8 | – | – | 1 |
| Alness | 27·6 | –6 | SW | 1 | c | 42 | 40 | 9 | – | 1 | – | 8 | 8 | – | 0 | – | 1 |
| Wick | 27·2 | –2 | S'W | 4 | c | 43 | 40 | 8 | – | 7 | – | 7 | 7 | – | – | – | 1 |
| Hatston | 26·4 | 0 | S'W | 3 | z0 | 43 | 40 | 6 | 5 | 7 | – | 6 | 4 | 6 | 20 | – | 1 |
| Sumburgh | 26·9 | +10 | SSW | 3 | bc | 45 | 43 | 7 | 5 | – | 6 | 4 | 3 | 4 | 20 | – | 1 |
| Sullom Voe | 26·6 | +14 | S'W | 4 | bc | 46 | 45 | 7 | 7 | – | – | 4 | 3 | 4 | 16 | 25 | 1 |
| Blacksod Point | 21·6 | –22 | S | 6 | c | 52 | 45 | 7 | 6 | – | – | 8 | 8 | – | 8 | – | 2 |
| Malin Head | 24·2 | –6 | S | 4 | r0. | 52 | 47 | 8 | 5 | – | – | 6 | 6 | – | 15 | – | 1 |
| Aldergrove | 28·4 | –10 | SE | 3 | z0 | 47 | 46 | 6 | 5 | – | – | 8 | 8 | – | 9 | – | 1 |
| Cas. Archdale | 26·5 | –10 | SE'S | 3 | c | 48 | 47 | 7 | 5 | – | – | 8 | 8 | – | 7 | – | 1 |
| Birr Castle | 27·1 | –4 | S | 2 | c | 48 | 44 | 8 | 5 | 1 | – | 7 | 5 | – | 25 | – | 1 |
| Collinstown | 29·1 | –10 | SE | 4 | c-bc | 47 | 45 | 8 | 5 | 3 | – | 5 | 3 | – | 47 | – | 1 |
| Foynes | 26·1 | –14 | SE'S | 4 | c | 49 | 47 | 8 | 5 | – | – | 7 | 7 | – | 11 | – | 1 |
| Valentia | 25·1 | –16 | S | 5 | cp | 51 | 49 | 6 | 5 | – | – | 8 | 8 | – | 9 | – | 1 |
| Roches Point | 29·0 | –12 | S | 3 | df | 48 | 47 | 2 | 5 | – | – | 8 | 8 | – | 2 | – | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | bcbfFw | bFof | 48 | 39 | Tr |
| Croydon | bcfF | cf | 46 | 43 | Tr |
| Boscombe Down | bcm0 ofe | ofebFbcf | 43 | 42 | 0·3 |
| Thorney Island | oFFe | ofem | 41 | 44 | – |
| Friston | | | | | |
| Lympne | bfgf | cbfm ee | 43 | 37 | Tr |
| Manston | bcbm | cmocff | 47 | 45 | – |
| North Weald | bcffcff | cfoff | 45 | 42 | – |
| Felixstowe | bcmwcm | bmcm0 | 42 | 38 | Tr |
| Gorleston | offem0 | cz0 | 41 | 42 | – |
| Mildenhall | cm0 | cm0 | 48 | 47 | – |
| Bircham Newton | bm0cm | cm | 44 | 38 | – |
| Cranwell | bcm0 | bm0cm0 | 46 | 41 | – |
| Cranfield | bccm0 | cm0 | 47 | 43 | – |
| Honiley | cm0 | cm0cm | 49 | 49 | Tr |
| Little Rissington | cim0cm0 | cm0cid0mf | 47 | 45 | Tr |
| Shobden | bcc | com0 | 48 | 46 | Tr |
| Bristol | cm0 ir0 | cid0cm0 | 47 | 43 | 0·1 |
| Chivenor | cd0d0m0 | cd0d0mcm | 47 | 44 | 0·3 |
| Yeovilton | ff | dfcidffc | 46 | | Tr |
| Portland Bill | ff | offe | 44 | * | – |
| Exeter | bfcmcm0 | cff | 42 | 40 | Tr |
| Plymouth | bmbfeof | cmofddf | 46 | 46 | – |
| St. Eval | cid0d0of | cm0bcm0 | 46 | 45 | Tr |
| The Lizard | dfFf | idFF | 47 | * | 0·5 |
| Scilly, St. Marys | off | FFo | 48 | * | Tr |
| Fairwood | omcmofid0 | id0dof | 45 | 43 | 0·6 |
| Pembroke | oFo | odf | 45 | * | Tr |
| Aberporth | * | od* | 46 | * | 0·2 |
| Penrhos | od0d0m0 | od0d0m0 | 44 | 44 | 0·6 |
| Holyhead, Valley | om | oid0m | 45 | 45 | Tr |
| Hawarden | bbc | bbcm0cm | 40 | 31 | – |
| Manchester | b | cm0 | 43 | 33 | – |
| Squires Gate | cbm, bcm0 | cm0 | 40 | 41 | Tr |
| Silloth | c | cid0d0m0 | 45 | * | 0·1 |
| Ashbourne | cm0, bcm0 | om0 | 44 | 37 | Tr |
| Snaith | cm0bcm0 | cm0cm | 43 | 35 | – |
| Spurn Head | bcm0 | om0 | 43 | * | – |
| Leeming | c | bccm0 | 45 | 43 | – |
| Tynemouth | cm0 | bcm0 | 45 | 40 | – |
| Acklington | c | bcz0 | 39 | 35 | – |
| St. Abb's Head | bc | bcm0bbc | 43 | * | Tr |
| Leuchars | cm0bcm0 | bcm0bm0z | 45 | 40 | – |
| Montrose | bm0bcm0 | bm0bcm0 | 37 | 32 | – |
| Abbotsinch | bcm0 | bcm0 | 46 | 42 | – |
| Prestwick | bcobc | bcboid0 | 45 | 42 | Tr |
| West Freugh | cm0ofe | ofomr0r0mc | 45 | 44 | Tr |
| Eskdalemuir | or0r0f | ofomr0r0c | 42 | 41 | 1 |
| Jurby, I. of Man | bccbc | bccid0m0 | 47 | 45 | 0·[illegible] |
| Machrihanish | bc | bcz | 45 | 41 | – |
| Tiree | cbccm0 | bccm0 | 45 | 42 | Tr |
| Oban | bc, c ∞ | cr0r0m0 | 45 | * | * |
| Stornoway | cpr0cbc | bcbm0r0m0 | 46 | 43 | 0·2 |
| Cape Wrath | bc | bc | | * | |
| Dalwhinnie | * | bcid0c | 42 | 41 | 1 |
| Aberdeen | | bm0bc | 43 | 34 | – |
| Fraserburgh | bc, b, c | bcwcw | 38 | * | – |
| Alness | bcb | bcc | 36 | 30 | – |
| Wick | bbc | bbcc | 42 | 37 | 0·2 |
| Hatston | prbc | bcc | 40 | * | |
| Sumburgh | bccb | bbc | 43 | 41 | – |
| Sullom Voe | crrpoc | cbbc | 41 | 35 | 0·1 |
| Blacksod Point | bc | c | 48 | * | 1 |
| Malin Head | * | r | 47 | * | 0·2 |
| Aldergrove | bbcc | cid0cm0 | 46 | 43 | Tr |
| Cas. Archdale | bcc | cm0c | 48 | 42 | Tr |
| Birr Castle | * | c | 47 | 46 | – |
| Collinstown | b | c | 44 | 37 | Tr |
| Foynes | bbc | c | 48 | 44 | – |
| Valentia | cbc | c | 49 | 43 | 1 |
| Roches Point | bc | d | 47 | * | 1 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.

‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

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

Tuesday 20th February 1945

No. 30406

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

| 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. o-9 (8) | Cloud Form. Low. (9) | Cloud Form. Med. (10) | Cloud Form. High. (11) | Cloud Amount. Total. o-9 (12) | Cloud Amount. Low. A. o-9 (13) | Cloud Amount. Low. B. o-9 (14) | Height of Base Hundreds of feet. A. (15) | Height of Base Hundreds of feet. B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 34.9 | -4 | SW | 1 | m/f | 54 | 52 | 4 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Croydon ... | 35.1 | 0 | SSE | 3 | 2/2 | 55 | 50 | 5 | 5 | - | - | 7 | 4 | 7 | 20 | 40 |
| | Boscombe Down | 34.6 | +2 | SE | 2 | 2/2 | 50 | 50 | 5 | 5 | - | - | 8 | 5 | 8 | 4 | 15 |
| | Thorney Island | 35.2 | +2 | - | 0 | m | 49 | 48 | 4 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 35.3 | -6 | - | 0 | 2/2 | 54 | 50 | 6 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Manston ... | 35.4 | +2 | S | 1 | 2/2 | 55 | 51 | 5 | 5 | - | - | 7 | 7 | - | 50 | - |
| 2 | North Weald | 35.0 | -4 | S | 3 | 2/2 | 55 | 50 | 4 | 5 | - | - | 7 | 7 | - | 40 | - |
| | Felixstowe ... | 35.2 | +2 | SW | 2 | m | 52 | 48 | 4 | - | 4 | 9 | 2 | 1 | 1 | - | - |
| | Gorleston ... | 34.5 | 0 | SEE | 2 | cbcf | 46 | 44 | 3 | 5 | 3 | - | 5 | 4 | 4 | 6 | 57 |
| | Mildenhall | 34.7 | -2 | SSW | 3 | 2/2 | 57 | 51 | 6 | 8 | - | - | 8 | 3 | 8 | 25 | 40 |
| | Bircham Newton | 33.8 | -12 | S | 3 | 2/2 | 58 | 51 | 6 | 1 | - | 2 | 4 | 4 | 3 | 30 | - |
| | Cranwell ... | 33.3 | -8 | SSW | 3 | 2/2 | 53 | 51 | 5 | 5 | - | - | 7 | 5 | 7 | 10 | 15 |
| 3 | Cranfield ... | 34.2 | -4 | SW | 2 | m/f | 49 | 48 | 4 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Honiley ... | 33.5 | -6 | S | 4 | bc | 54 | 49 | 7 | 5 | - | - | 4 | 3 | 4 | 8 | 25 |
| 4 | Little Rissington | 33.8 | -8 | WSW | 2 | c | 50 | 49 | 7 | 5 | - | - | 7 | 3 | 7 | 3 | 25 |
| | Shobden ... | 33.5 | -4 | S | 3 | 2/2 | 52 | 48 | 6 | 5 | - | - | 8 | 4 | 5 | 12 | 15 |
| 5 | Bristol ... | 33.9 | -6 | S | 2 | c | 54 | 50 | 7 | 5 | - | - | 7 | 3 | 7 | 8 | 40 |
| | Chivenor ... | 33.2 | -4 | ESE | 3 | c | 53 | 51 | 8 | 5 | - | - | 8 | 5 | 8 | 15 | 15 |
| | Yeovilton | 33.7 | -6 | SE | 3 | c | 55 | 52 | 7 | 5 | 7 | - | 7 | 4 | 6 | 6 | 15 |
| | Portland Bill | 34.6 | 0 | E | 3 | cf | 46 | 44 | 2 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter ... | 34.2 | -6 | SE | 1 | m/f | 50 | 50 | 4 | 5 | - | - | 8 | 4 | 8 | 3 | 15 |
| | Plymouth ... | 34.2 | -4 | SE | 1 | 2/2 | 51 | 51 | 6 | 5 | - | - | 8 | 8 | - | 1 | - |
| | St. Eval ... | 32.9 | -4 | SE | 1 | 2/2 | 52 | 51 | 5 | 5 | - | - | 7 | 4 | 7 | 2 | 40 |
| | The Lizard | 32.8 | -4 | SSE | 3 | if | 50 | 50 | 3 | 5 | - | - | 8 | 8 | - | - | - |
| | Scilly, St. Marys | 31.8 | -2 | S | 4 | c | 50 | 49 | 7 | 5 | 7 | - | 8 | 4 | 4 | 22 | 40 |
| | Fairwood ... | 33.5 | -2 | SSE | 2 | c | 50 | 49 | 7 | 5 | - | - | 7 | 1 | 7 | 5 | 25 |
| 6 | Pembroke ... | 32.6 | +2 | SE'S | 3 | cf+ | 46 | 46 | 3 | 5 | - | - | 8 | 8 | - | 19 | - |
| | Aberporth ... | 31.6 | -6 | SW | 5 | c | 52 | 49 | 8 | 5 | 3 | - | 6 | 4 | 2 | 10 | - |
| 7 | Penrhos ... | 31.9 | -4 | SE | 3 | cbc | 49 | 47 | 7 | 5 | 3 | - | 5 | 3 | 5 | 10 | - |
| | Holyhead, Valley | 31.7 | -10 | S | 4 | c | 50 | 48 | 8 | 5 | 7 | - | 8 | 7 | 8 | 15 | - |
| | Hawarden ... | 32.1 | -8 | SE | 4 | 2/2 | 51 | 47 | 6 | 5 | 3 | - | 7 | 4 | 4 | 12 | 15 |
| 8 | Manchester | 32.8 | -8 | SW | 3 | 2/2 | 50 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 7 | 15 |
| | Squires Gate | 32.0 | -10 | SSE | 3 | 2/2 | 52 | 48 | 5 | 5 | - | - | 4 | 3 | 4 | 20 | 57 |
| | Silloth ... | 30.9 | -8 | SW | 4 | c | 52 | 48 | 8 | 5 | - | - | 7 | 3 | 7 | 10 | 15 |
| | Ashbourne ... | 33.6 | -6 | SSW | 3 | f | 49 | 48 | 3 | 5 | - | - | 8 | 8 | - | - | - |
| 9 | Snaith ... | 32.8 | -12 | WSW | 1 | 2/2 | 51 | 48 | 5 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| | Spurn Head | 33.9 | -4 | SSE | 2 | 2/2 | 45 | 43 | 5 | 5 | - | - | 8 | 8 | - | 15 | - |
| 10 | Leeming | 31.6 | -10 | SWS | 1 | 2/2 | 53 | 47 | 5 | 5 | 3 | - | 5 | 3 | 4 | 15 | 25 |
| | Tynemouth | 31.1 | -10 | SSW | 3 | 2/2 | 51 | 47 | 5 | 2 | 3 | - | 4 | 4 | 3 | 18 | - |
| | Acklington | 30.4 | -14 | S | 2 | 2/2 | 53 | 48 | 5 | 3 | 3 | - | 6 | 4 | 5 | 30 | - |
| 11 | St. Abb's Head | 29.0 | -6 | SSW | 3 | cbc | 51 | 34 | 8 | 5 | 5 | - | 5 | 4 | 3 | 20 | - |
| | Leuchars ... | 28.4 | -10 | - | 0 | 2/2 | 49 | 48 | 6 | 5 | 7 | - | 7 | 4 | 5 | 20 | - |
| | Montrose ... | 28.6 | -12 | S | 2 | 2/2 | 48 | 46 | 6 | 5 | 7 | - | 7 | 4 | 6 | 20 | 40 |
| 12 | Abbotsinch | 28.2 | -10 | SSW | 4 | c | 53 | 48 | 7 | 5 | - | - | 8 | 4 | 4 | 10 | 15 |
| | Prestwick ... | 27.9 | -16 | SE | 5 | c | 50 | 47 | 8 | 5 | 7 | - | 8 | 4 | 7 | 9 | 25 |
| | West Freugh | 28.5 | -12 | S | 3 | 2/2 | 49 | 48 | 5 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Eskdalemuir | 29.6 | -6 | SSW | 3 | cfo | 45 | 44 | 5 | - | 2 | - | 8 | 8 | - | 1 | - |
| | Jurby, I. of Man | 30.3 | +4 | S | 5 | ido | 49 | 48 | 5 | 6 | 7 | - | 8 | 2 | 5 | 8 | - |
| 13A | Machrihanish | 25.9 | -4 | SE | 6 | 2/2 | 47 | 46 | 6 | 5 | - | - | 8 | 5 | 8 | 2 | 15 |
| | Tiree ... | 21.6 | -14 | SSE | 6 | c | 49 | 45 | 7 | 5 | 5 | 5 | 6 | 5 | - | 40 | - |
| | Oban ... | 25.2 | -12 | SSE | 3 | c | 50 | 46 | 9 | 5 | 7 | - | 8 | 3 | 5 | 10 | 57 |
| 13B | Stornoway ... | 18.5 | -22 | SSW | 7 | c | 49 | 47 | 7 | 5 | - | - | 7 | 4 | 7 | 12 | 25 |
| | Cape Wrath | 20.2 | -22 | S | 4 | c | 56 | 43 | 9 | 8 | 7 | - | 6 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 22.6 | -4 | S | 4 | c | 46 | 44 | 7 | 5 | - | - | 7 | 7 | - | 18 | - |
| | Aberdeen ... | 27.6 | -16 | S | 2 | cbc | 54 | 47 | 7 | 5 | 9 | 9 | 5 | 3 | 5 | 15 | - |
| | Fraserburgh | 26.4 | -20 | S | 3 | 2/2 | 48 | 46 | 6 | 7 | 3 | - | 6 | 3 | 4 | 30 | 57 |
| | Alness ... | 24.0 | -20 | SW | 1 | cbc | 57 | 47 | 7 | 5 | 3 | - | 5 | 4 | 5 | 30 | - |
| | Wick ... | 23.5 | -18 | S | 4 | c/r | 47 | 43 | 7 | 5 | 7 | - | 7 | 5 | 7 | 50 | - |
| 16 | Hatston ... | 22.3 | -26 | SW | 5 | ifo | 47 | 44 | 8 | 5 | 7 | - | 7 | 3 | 4 | 25 | 40 |
| | Sumburgh ... | 24.1 | -18 | SSE | 3 | c | 46 | 44 | 7 | - | 7 | 5 | 6 | 3 | 6 | 80 | - |
| | Sullom Voe | 23.3 | -18 | SE | 6 | cbc | 49 | 44 | 8 | - | 4 | 2 | 5 | 1 | 5 | - | - |
| 17 | Blacksod Point† | 18.8 | -8 | SSW | 7 | ifo | 53 | 48 | 6 | 6 | 2 | - | 3 | 3 | - | 15 | - |
| 18 | Malin Head † | 21.6 | -24 | SSW | 5 | c | 54 | 45 | 8 | 5 | - | - | 6 | 6 | - | 8 | - |
| | Aldergrove | 26.4 | -6 | SSE | 5 | c | 52 | 48 | 7 | 5 | 7 | - | 8 | 4 | 5 | 8 | 15 |
| | Cas. Archdale | 24.2 | -18 | S | 4 | pr | 52 | 49 | 8 | 8 | 7 | - | 7 | 4 | 6 | 12 | 40 |
| 19 | Birr Castle ... † | 24.5 | -14 | S | 4 | cbc | 54 | 46 | 8 | 4 | - | - | 5 | 5 | - | 25 | - |
| | Collinstown † | 23.7 | -8 | SE | 4 | c | 54 | 49 | 8 | 7 | 3 | - | 7 | 6 | - | 18 | - |
| 20 | Foynes ... † | 24.2 | -12 | SE | 3 | bc/d | 55 | 50 | 8 | 5 | - | 3 | 4 | 4 | - | 25 | - |
| | Valentia ... † | 23.2 | -10 | S | 6 | c | 52 | 47 | 8 | 5 | 3 | - | 7 | 5 | - | 21 | - |
| | Roches Point † | 27.5 | -6 | S | 4 | c | 49 | 47 | 8 | 5 | 7 | - | 6 | 4 | - | 15 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

| 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. o-9 (24) | Cloud Form. Low. (25) | Cloud Form. Med. (26) | Cloud Form. High. (27) | Cloud Amount. Total. o-9 (28) | Cloud Amount. Low. A. o-9 (29) | Cloud Amount. Low. B. o-9 (30) | Height of Base Hundreds of feet. A. (31) | Height of Base Hundreds of feet. B. (32) | State of Ground. ‡ o-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 33.5 | +2 | WSW | 2 | 2/2 | 54 | 51 | 5 | 5 | - | - | 8 | 8 | - | 21 | - | 1 |
| Croydon ... | 33.8 | +2 | SE | 3 | 2/2 | 55 | 55 | 5 | 5 | - | - | 7 | 7 | - | 30 | - | 1 |
| Boscombe Down | 32.8 | -10 | S | 2 | m | 50 | 50 | 4 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| Thorney Island | 33.9 | +8 | - | 0 | m | 47 | 47 | 4 | 5 | - | - | 8 | 8 | - | 4 | - | 0 |
| Friston ... | | | | | | | | | | | | | | | | | |
| Lympne ... | 34.8 | +6 | - | 0 | cf+ | 46 | 46 | 3 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Manston ... | 33.0 | +2 | SSE | 2 | m | 49 | 48 | 4 | 5 | - | - | 8 | 3 | 8 | 20 | 57 | 1 |
| North Weald | 33.5 | +2 | SE | 2 | cf+ | 54 | 51 | 3 | 5 | - | - | 7 | 7 | - | 20 | - | 1 |
| Felixstowe ... | 34.0 | +2 | SSE | 2 | cf+ | 47 | 46 | 3 | 5 | - | - | 8 | 8 | - | 10 | - | 0 |
| Gorleston ... | 33.3 | +6 | SE | 2 | m | 47 | 44 | 4 | 5 | - | - | 8 | 8 | - | 12 | - | 0 |
| Mildenhall | 32.9 | +2 | SW | 2 | m | 56 | 52 | 4 | 5 | - | - | 8 | 8 | - | 25 | - | 0 |
| Bircham Newton | 32.8 | +4 | S | 3 | 2/2 | 54 | 53 | 6 | 5 | - | - | 7 | 4 | 7 | 18 | 40 | 0 |
| Cranwell ... | 31.8 | 0 | SWS | 3 | c/d | 54 | 50 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 15 | 0 |
| Cranfield ... | 32.5 | -2 | SW | 3 | 2/2 | 53 | 51 | 4 | 5 | - | - | 8 | 6 | 8 | 8 | 15 | 1 |
| Honiley ... | 32.0 | +4 | SW | 3 | 2/2 | 53 | 50 | 6 | 5 | - | - | 8 | 5 | 8 | 15 | 25 | 1 |
| Little Rissington | 32.2 | +2 | SSW | 3 | 2/2 | 51 | 50 | 6 | 5 | - | - | 8 | 7 | 8 | 18 | 40 | 1 |
| Shobden ... | 31.7 | 0 | SE | 2 | 2/2 | 52 | 49 | 6 | 5 | 7 | - | 7 | 5 | 7 | 20 | - | 1 |
| Bristol ... | 32.0 | -2 | S | 2 | c | 53 | 50 | 7 | 5 | - | - | 8 | 4 | 8 | 10 | 40 | 1 |
| Chivenor ... | 31.4 | -6 | SSW | 3 | c | 53 | 50 | 7 | 5 | - | - | 8 | 5 | 8 | 10 | 15 | 1 |
| Yeovilton | 32.6 | +4 | S | 2 | c | 52 | 50 | 6 | 5 | - | - | 8 | 5 | 8 | 6 | 15 | 0 |
| Portland Bill | 33.3 | -4 | E | 3 | cf | 46 | 44 | 2 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Exeter ... | 32.5 | +2 | SSE | 2 | f+ | 49 | 47 | 3 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Plymouth ... | 32.7 | -2 | SSE | 1 | 2/2 | 48 | 48 | 6 | 5 | - | - | 8 | 4 | 8 | 1 | 8 | 1 |
| St. Eval ... | 31.6 | -6 | SE | 3 | 2/2 | 50 | 49 | 6 | 5 | 7 | - | 8 | 4 | 5 | 2 | 15 | 1 |
| The Lizard | 38.7 | -8 | SSW | 3 | f+ | 48 | 49 | 1 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| Scilly, St. Marys | 30.4 | -4 | SSW | 4 | cbc | 50 | 48 | 8 | 5 | - | - | 5 | 5 | - | 18 | - | 1 |
| Fairwood ... | 31.8 | -4 | S | 1 | c/d | 51 | 50 | 5 | 5 | - | - | 8 | 5 | 8 | 3 | 25 | 1 |
| Pembroke ... | 29.9 | -10 | SE | 4 | cif | 47 | 47 | 5 | 5 | - | - | 6 | 6 | - | 19 | - | 1 |
| Aberporth ... | 30.0 | -8 | SSW | 5 | ido | 50 | 49 | 7 | 5 | - | - | 7 | 5 | 6 | 6 | 40 | 1 |
| Penrhos ... | 29.7 | -4 | S | 4 | 2/2 | 49 | 48 | 6 | 5 | - | - | 8 | 5 | 8 | 5 | 40 | 0 |
| Holyhead, Valley | 28.9 | -8 | SE | 5 | m | 47 | 47 | 4 | 5 | - | - | 8 | 2 | 8 | 9 | 15 | 0 |
| Hawarden ... | 30.6 | -2 | SSE | 2 | 2/2 | 53 | 50 | 6 | 5 | - | - | 7 | 3 | 7 | 15 | 25 | 0 |
| Manchester | 30.5 | -6 | SE | 3 | 2/2 | 52 | 48 | 5 | 5 | 7 | - | 7 | 5 | 7 | 17 | - | 1 |
| Squires Gate | 29.7 | -6 | S | 3 | cf+ | 51 | 49 | 3 | 5 | - | - | 8 | 4 | 8 | 12 | 25 | 0 |
| Silloth ... | 27.2 | -18 | SW | 5 | c/d | 51 | 49 | 6 | 5 | - | - | 8 | 4 | 8 | 9 | 15 | 1 |
| Ashbourne ... | 32.0 | -4 | SSW | 2 | 2/2 | 50 | 48 | 5 | 5 | - | - | 8 | 3 | 8 | 6 | 15 | 1 |
| Snaith ... | 31.3 | 0 | NW | 2 | m | 51 | 48 | 4 | 5 | - | - | 7 | 7 | - | 10 | - | 1 |
| Spurn Head | 31.5 | -6 | S'E | 2 | 2/2 | 47 | 45 | 6 | 5 | - | - | 8 | 8 | - | 25 | - | 0 |
| Leeming | 29.6 | -4 | - | 0 | 2/2 | 51 | 47 | 5 | 5 | 7 | - | 7 | 6 | 2 | 18 | - | 1 |
| Tynemouth | 28.9 | -4 | SW | 4 | 2/2 | 51 | 46 | 5 | 8 | - | - | 4 | 4 | - | 18 | - | 1 |
| Acklington | 28.0 | -6 | SSW | 2 | 2/2 | 51 | 46 | 5 | 5 | 8 | - | 6 | 2 | 3 | 18 | 40 | 1 |
| St. Abb's Head | 25.2 | -14 | SSW | 4 | 2/2 | 50 | 46 | 8 | 4 | 5 | 2 | 5 | 3 | 3 | 30 | - | 0 |
| Leuchars ... | 25.3 | -8 | S'E | 2 | 2/2 | 51 | 48 | 6 | 5 | - | - | 7 | 5 | - | 25 | - | 1 |
| Montrose ... | 25.6 | -4 | SSW | 2 | 2/2 | 46 | 44 | 6 | 5 | 7 | - | 7 | 4 | 5 | 15 | 40 | 1 |
| Abbotsinch | 24.1 | -16 | S'E | 2 | d.d. | 51 | 48 | 5 | 5 | - | - | 8 | 4 | 8 | 12 | 15 | 1 |
| Prestwick ... | 28.4 | -10 | S'E | 4 | ifo | 49 | 46 | 7 | 5 | 7 | - | 6 | 4 | 4 | 9 | 25 | 1 |
| West Freugh | 25.5 | -6 | SSE | 4 | c/r | 46 | 45 | 6 | 5 | 2 | - | 8 | 5 | 7 | 4 | 25 | 1 |
| Eskdalemuir | 26.6 | -16 | SWS | 4 | rr | 47 | 47 | 6 | - | 2 | - | 8 | 8 | - | 2 | - | 1 |
| Jurby, I. of Man | 26.6 | -14 | S | 5 | cbc | 49 | 45 | 8 | 5 | 7 | - | 5 | 3 | 4 | 12 | 40 | 1 |
| Machrihanish | 22.2 | +14 | SE'S | 6 | 2/2 | 47 | 46 | 6 | 5 | - | - | 7 | 6 | 7 | 2 | 15 | 1 |
| Tiree ... | 19.0 | -6 | SSE | 6 | ifo | 48 | 47 | 6 | 6 | 2 | - | 8 | 5 | 8 | 4 | 15 | 1 |
| Oban ... | 20.9 | -14 | S | 3 | c | 49 | 46 | 8 | 5 | 2 | - | 8 | 3 | 5 | 10 | 25 | 1 |
| Stornoway ... | 13.9 | -18 | SSW | 8 | ido | 51 | 48 | 6 | 5 | - | - | 8 | 5 | 8 | 10 | 15 | 1 |
| Cape Wrath | 15.5 | -12 | SW | 5 | bc | 52 | 46 | 9 | 2 | 4 | 2 | 4 | 4 | - | 25 | - | 1 |
| Dalwhinnie | 20.0 | -14 | SSW | 4 | ir | 47 | 45 | 6 | 5 | - | - | 8 | 8 | - | 19 | - | 1 |
| Aberdeen ... | 25.0 | -12 | S | 4 | 2/2 | 47 | 44 | 5 | 5 | - | 7 | 8 | 4 | 5 | 15 | 25 | 1 |
| Fraserburgh | 24.0 | -8 | SSW | 4 | 2/2 | 48 | 45 | 6 | 5 | 7 | 9 | 5 | 3 | 4 | 12 | - | 1 |
| Alness ... | 19.2 | -14 | SSW | 5 | cbc | 51 | 47 | 8 | 5 | 7 | - | 5 | 2 | 4 | 15 | 25 | 1 |
| Wick ... | 20.5 | -6 | SSE | 4 | c | 47 | 43 | 8 | 5 | 7 | 8 | 6 | 3 | 3 | 30 | 57 | 1 |
| Hatston ... | 19.2 | -8 | S | 5 | 2/2 | 47 | 44 | 5 | 5 | 7 | - | 5 | 3 | 5 | 30 | - | 1 |
| Sumburgh ... | 20.0 | -12 | SW | 5 | 2/2 | 45 | 45 | 6 | 5 | 7 | - | 6 | 1 | 4 | 8 | 40 | 1 |
| Sullom Voe | 19.0 | -10 | S | 6 | c | 49 | 44 | 8 | 5 | 7 | 2 | 6 | 2 | 5 | 45 | - | 0 |
| Blacksod Point† | 19.7 | +2 | SSW | 6 | c | 49 | 45 | 7 | 6 | - | - | 7 | 7 | - | 8 | - | 2 |
| Malin Head † | 20.0 | +6 | WNW | 3 | ir | 47 | 45 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - | 2 |
| Aldergrove | 23.1 | -8 | S'E | 5 | cbc/r | 52 | 46 | 7 | 5 | 7 | 5 | 5 | 3 | 4 | 18 | 40 | 1 |
| Cas. Archdale | 22.9 | +2 | SW | 4 | ifo | 52 | 47 | 7 | 5 | - | - | 8 | 4 | 8 | 8 | 25 | 1 |
| Birr Castle ... † | 23.2 | -10 | S | 3 | c | 51 | 47 | 8 | 8 | 7 | - | 6 | 5 | - | 15 | - | 1 |
| Collinstown † | 25.0 | -6 | SSW | 4 | ifo | 54 | 35 | 8 | 5 | 7 | - | 7 | 5 | - | 35 | - | 1 |
| Foynes ... † | 23.9 | +10 | S | 2 | ifo | 49 | 47 | 7 | 5 | 2 | - | 8 | 5 | - | 32 | - | 1 |
| Valentia ... † | 25.0 | +18 | SW | 4 | c | 49 | 47 | 8 | 5 | 7 | - | 7 | 6 | - | 65 | - | 1 |
| Roches Point † | 26.0 | -2 | SW | 5 | dr | 48 | 48 | 5 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather. 06h.-12h. (34) | Weather. 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|
| Kew ... | fcfmw | omcirocm | 55 | 0.0 | Tr |
| Croydon ... | cfcmo | cmo | 59 | 0.0 | - |
| Boscombe Down | ofecfecmo | cmo | 51 | 0.0 | - |
| Thorney Island | com | omofom | 52 | * | - |
| Friston ... | | | | | |
| Lympne ... | ofcmo | cmomoif | 55 | 0.0 | - |
| Manston ... | bcfcfmo | c2bmo | 58 | 0.1 | - |
| North Weald | cfom | cfcm | 56 | * | - |
| Felixstowe ... | bcmbmw | cmcf | 56 | 5.3 | - |
| Gorleston ... | offcf | bzc | 53 | 2.0 | - |
| Mildenhall | cmo, bzc | cmocmo | 61 | 3.0 | - |
| Bircham Newton | cbc | cmo | 59 | 0.0 | - |
| Cranwell ... | cmcmo | cdodomo | 58 | 1.0 | Tr |
| Cranfield ... | bcmoof | cmocm | 55 | * | - |
| Honiley ... | cdomo | cmo | 56 | 0.8 | Tr |
| Little Rissington | ofc | cmo | 56 | * | - |
| Shobden ... | cmcfm | cmo | 53 | * | Tr |
| Bristol ... | ofcmc | ccmoc | 56 | 0.3 | - |
| Chivenor ... | bccifc | c | 56 | 0.5 | - |
| Yeovilton | dofffmoc | cc2 | 55 | * | - |
| Portland Bill | off | off | 46 | * | - |
| Exeter ... | cfcmo | cmo | 54 | 0.0 | Tr |
| Plymouth ... | bfomcom | c | 53 | 0.0 | 0.2 |
| St. Eval ... | cimoc | cdoromomo | 52 | 0.0 | 0.2 |
| The Lizard | | ff | 50 | 0.0 | Tr |
| Scilly, St. Marys | ofc | bcc | 53 | 3.6 | Tr |
| Fairwood ... | cfcmo | cmodod | 51 | * | 0.3 |
| Pembroke ... | odfmcf | odfcif | 47 | 0.0 | Tr |
| Aberporth ... | c | idocdod | 52 | 1.3 | Tr |
| Penrhos ... | c | cmo | 50 | 0.9 | - |
| Holyhead, Valley | c | omoc | 51 | * | - |
| Hawarden ... | bcmomo | ccmo | 57 | 1.6 | - |
| Manchester | cmo | cmo | 52 | * | - |
| Squires Gate | cmomom | bcbmo | 54 | * | - |
| Silloth ... | cdodomoc | cidomo | 53 | * | Tr |
| Ashbourne ... | cmoofdodof | bfcmo | 51 | * | Tr |
| Snaith ... | cmcmo | cmcmo | 53 | 0.0 | - |
| Spurn Head | cmo | cmo | 53 | 0.9 | - |
| Leeming | cmo | cmo | 55 | 1.9 | - |
| Tynemouth | bcmo | bcmo | 56 | * | - |
| Acklington | bcmofgm | bc2ocmo | 55 | * | - |
| St. Abb's Head | cbccprobc | bc | 53 | * | Tr |
| Leuchars ... | cmobcmo | cmoccmo | 55 | 1.5 | 0.1 |
| Montrose ... | bcmorormo | mopz | 50 | 0.5 | Tr |
| Abbotsinch | cmoc | cidodomo | 53 | 0.0 | - |
| Prestwick ... | odoiroc | croro | 52 | * | 0.5 |
| West Freugh | cidomoomo | omocrorom | 49 | * | - |
| Eskdalemuir | ororom | ororrmo | 48 | 0.0 | 7 |
| Jurby, I. of Man | mbcmoidmo | cdomoc | 52 | * | Tr |
| Machrihanish | dffc2 | c2prc2 | 49 | * | Tr |
| Tiree ... | cbcc | ccirc | 49 | 0.9 | 3 |
| Oban ... | moprorc | circ | 51 | * | - |
| Stornoway ... | ciromoc | cidomo | 52 | 0.1 | 0.6 |
| Cape Wrath | c | c | 54 | * | - |
| Dalwhinnie | cid | circ | 48 | 0.0 | - |
| Aberdeen ... | bccmoc | cemo | 54 | 1.4 | - |
| Fraserburgh | ccrocmo | c | 52 | * | - |
| Alness ... | c | bcc | 59 | * | - |
| Wick ... | ccirc | c | 51 | 2.9 | Tr |
| Hatston ... | cir | c | 49 | 0.1 | - |
| Sumburgh ... | bcc | omo | 48 | * | - |
| Sullom Voe | bbccbcc | cbcc | 52 | 1.5 | - |
| Blacksod Point† | r | r | 55 | * | - |
| Malin Head † | c | r | 56 | * | - |
| Aldergrove | cmoc | circ | 55 | 0.0 | - |
| Cas. Archdale | c | cirome | 55 | 0.8 | Tr |
| Birr Castle ... † | cc | ipr | 55 | * | 1 |
| Collinstown † | cd | r | 58 | 0.7 | 0.1 |
| Foynes ... † | c | d | 58 | 1.2 | Tr |
| Valentia ... † | c | pr | 53 | 0.9 | 1 |
| Roches Point † | c | d | 50 | 0.1 | 5 |

* Information not usually received.

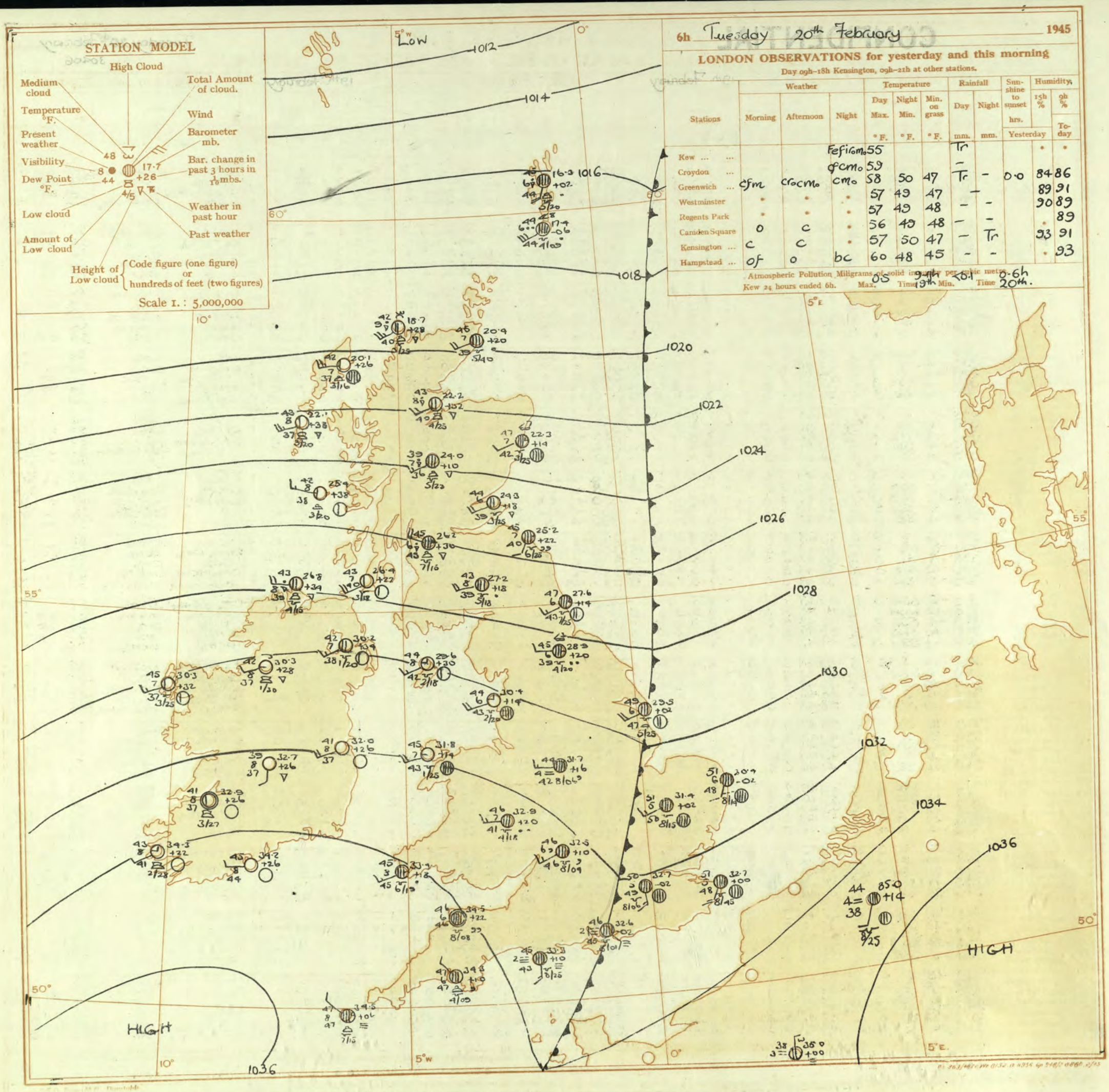
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

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.

‡ See footnote p. 4.

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




6h Tuesday 20th February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | | | Fefirom | 55 | | | Tr | | | * | * |
| Croydon ... | | | fcmo | 59 | | | – | | | | |
| Greenwich ... | cfm | crocmo | cmo | 58 | 50 | 47 | Tr | – | 0·0 | 84 | 86 |
| Westminster | * | * | * | 57 | 49 | 47 | | – | | 89 | 91 |
| Regents Park | * | * | * | 57 | 49 | 48 | – | – | | 90 | 89 |
| Camden Square | o | c | * | 56 | 49 | 48 | – | – | | * | 89 |
| Kensington ... | c | c | * | 57 | 50 | 47 | – | Tr | | 93 | 91 |
| Hampstead ... | of | o | bc | 60 | 48 | 45 | – | – | | * | 93 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·5 Time 19th Min. <0·1 Time 0-6h 20th.

## GENERAL INFERENCE

A developing ridge of high pressure will move east across the British Isles and a trough of low pressure will move east across to-morrow morning. There will be showers to-day in North and West Scotland and a few showers in Northern Ireland and North England. Weather will be fair elsewhere with fairly extensive fog in England late in the night. Rain will spread east across Ireland and West Scotland to-morrow morning. Winds will be strong to gale in Northwest Scotland to-morrow: mild

## FURTHER OUTLOOK

Rain in West and North; possibility of local slight drizzle in Southeast.

# Chart of Weather in the Northern Hemisphere.

## Morning of Tuesday 20th February 1945.

Clark's Projection Scale 1 : 4 × 10⁷ along meridian at 55° N.

Statute Miles

### 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.

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.

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.

Broken lines are interpolations

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

Page 4.

BRITISH SECTION

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

Tuesday 20th February 1945

No. 30406

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

| 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) | 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 | | * | * | * | * | 51 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 33.0 | +6 | S'E | 4 | z0 | 52 | 50 | 5 | 5 | – | – | 8 | 4 | 8 | 6 | 40 |
| | Boscombe Down | 417 | 32.6 | –2 | SSW | 3 | df | 48 | 48 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Thorney Island | 10 | 33.0 | –10 | E'S | 1 | fm | 47 | 47 | 5 | 5 | – | – | 8 | 8 | – | 4 | – |
| | Friston | – | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 33.9 | –8 | S'E | 1 | °F | 49 | 49 | 1 | 5 | – | – | 8 | 8 | – | 1 | – |
| | Manston | 140 | 33.1 | –8 | S | 2 | z0 | 51 | 49 | 5 | 5 | – | – | 8 | 8 | – | 45 | – |
| 2 | North Weald | 244 | 32.7 | –8 | SSW | 3 | c/m | 52 | 50 | 4 | 5 | – | – | 8 | 6 | 8 | 40 | 57 |
| | Felixstowe | 10 | 31.7 | –16 | W | 2 | ef | 48 | 47 | 3 | 5 | – | – | 8 | 8 | – | 56 | – |
| | Gorleston | 5 | 31.3 | –12 | S | 3 | z0 | 51 | 49 | 5 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Mildenhall | 15 | 31.6 | –2 | SWS | 3 | m | 54 | 52 | 4 | 5 | – | – | 8 | 8 | – | 39 | – |
| | Bircham Newton | 221 | 30.8 | –12 | S | 3 | m | 53 | 51 | 4 | 5 | – | – | 8 | 4 | 8 | 5 | 40 |
| | Cranwell | 203 | 30.1 | –12 | SSW | 2 | zq | 52 | 51 | 5 | 5 | – | – | 8 | 3 | 8 | 10 | 40 |
| 3 | Cranfield | 340 | 31.4 | –10 | SW | 3 | id0 | 51 | 50 | 5 | 5 | – | – | 8 | 4 | 8 | 8 | 15 |
| | Honiley | 427 | 30.5 | –4 | S | 4 | ir0 | 51 | 50 | 5 | 5 | – | – | 8 | 8 | – | 8 | – |
| 4 | Little Rissington | 731 | 31.6 | –2 | SSW | 4 | df | 48 | 48 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Shobden | 318 | 31.0 | –2 | SSW | 3 | z0 | 51 | 49 | 6 | 5 | – | – | 8 | 5 | 8 | 30 | 40 |
| 5 | Bristol | 209 | 32.0 | –2 | SSW | 3 | d0d0 | 50 | 49 | 6 | 5 | 3 | – | 7 | 3 | 6 | 5 | 40 |
| | Chivenor | 20 | 31.7 | +2 | S | 3 | c | 56 | 48 | 7 | 5 | – | – | 8 | 5 | 8 | 9 | 15 |
| | Yeovilton | 50 | 32.3 | –2 | S | 1 | o | 49 | 49 | 6 | 5 | – | – | 8 | 8 | – | 3 | – |
| | Portland Bill | 32 | 33.0 | –2 | S | 3 | cp | 45 | 43 | 2 | 5 | – | – | 8 | 8 | | 25 | – |
| | Exeter | 100 | 32.5 | –2 | SW | 2 | f | 48 | 48 | 2 | – | – | – | 9 | 9 | | 0 | – |
| | Plymouth | 86 | 33.1 | +2 | SW | 2 | F | 48 | 48 | 1 | 5 | – | – | 8 | 8 | | – | – |
| | St. Eval | 345 | 32.0 | +10 | SSW | 3 | c/F | 47 | 47 | 6 | 5 | – | – | 8 | 8 | | 3 | – |
| | The Lizard | 240 | 32.1 | +14 | SW | 3 | F | 48 | 48 | 1 | 5 | – | – | 8 | 8 | | – | – |
| | Scilly, St. Marys | 163 | 31.7 | +6 | SW | 4 | c | 49 | 49 | 7 | 5 | – | – | 8 | 8 | | – | – |
| 6 | Fairwood | 268 | 32.0 | 0 | SW | 4 | z0 | 49 | 47 | 6 | 5 | – | – | 7 | 3 | 5 | 10 | 25 |
| | Pembroke | 142 | 30.0 | 0 | S'W | 4 | ef | 46 | 45 | 1 | – | – | – | 9 | 9 | – | 0 | – |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 29.0 | –2 | SSW | 4 | ir | 47 | 47 | 6 | 5 | – | – | 8 | 8 | – | 7 | – |
| | Holyhead, Valley | 32 | 28.0 | –4 | SSW | 6 | dr | 46 | 46 | 5 | 5 | – | – | 8 | 8 | – | 2 | – |
| | Hawarden | 15 | 29.1 | –4 | S | 2 | z0 | 52 | 50 | 5 | 5 | – | – | 4 | 4 | – | 25 | – |
| 8 | Manchester | 230 | 29.0 | –8 | SSW | 3 | z0 | 57 | 49/5 | 5 | 5 | – | – | 8 | 8 | – | 18 | – |
| | Squires Gate | 30 | 27.8 | –10 | SSW | 4 | z0 | 48 | 46 | 6 | – | 3 | – | 3 | 3 | 3 | – | – |
| | Silloth | 25 | 25.2 | –10 | SSW | 6 | r0r0 | 50 | 45 | 6 | 5 | – | – | 8 | 8 | – | 8 | – |
| 9 | Ashbourne | 590 | 30.3 | –10 | SSW | 2 | m | 50 | 48 | 4 | 5 | – | – | 8 | 8 | – | 6 | – |
| | Snaith | 30 | 29.2 | –12 | SSW | 3 | m | 51 | 49 | 4 | 5 | – | – | 8 | 4 | 8 | 5 | 40 |
| 10 | Spurn Head | 29 | 30.2 | –12 | S'W | 2 | z0 | 46 | 46 | 5 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Leeming | 105 | 27.7 | –14 | SE | 2 | z0 | 48 | 47 | 5 | 5 | 7 | – | 8 | 3 | 4 | 25 | 40 |
| | Tynemouth | 108 | 26.8 | –16 | SSW | 3 | z0 | 50 | 47 | 5 | 5 | – | – | 6 | 6 | – | 25 | – |
| | Acklington | 138 | 26.3 | –14 | S'W | 5 | c | 49 | 45 | 7 | 5 | – | – | 6 | 6 | – | 27 | – |
| 11 | St. Abb's Head | 280 | 23.5 | –8 | SSW | 2 | b-bc | 48 | 41 | 8 | 4 | 7 | – | 3 | 2 | 2 | 30 | – |
| | Leuchars | 31 | 22.0 | –12 | SW | 4 | z0 | 50 | 44 | 6 | 5 | – | – | 8 | 5 | 8 | 15 | 40 |
| | Montrose | 22 | 21.6 | –16 | SSW | 5 | c | 50 | 42 | 7 | 5 | – | 7 | 8 | 3 | 8 | 30 | – |
| 12 | Abbotsinch | 19 | 22.5 | –2 | WSW | 3 | r0r | 47 | 45 | 6 | 6 | 2 | – | 8 | 4 | 8 | 15 | – |
| | Prestwick | 30 | 24.1 | 0 | SW'S | 4 | r0r0 | 48 | 44 | 6 | 5 | 2 | – | 8 | 8 | – | 37 | – |
| | West Freugh | 53 | 24.1 | +2 | SSW | 3 | r0r0 | 46 | 46 | 6 | 5 | 2 | – | 8 | 3 | 8 | 6 | 25 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 25.8 | +2 | SSW | 6 | ror | 47 | 45 | 6 | 5 | – | – | 8 | 8 | – | 12 | – |
| 13A | Machrihanish | 35 | 22.9 | +4 | SSW | 4 | olr | 43 | 45 | 6 | 5 | – | – | 8 | 3 | 8 | 10 | 15 |
| | Tiree | 44 | 18.6 | +2 | SSW | 5 | c-bc | 47 | 43 | 7 | 5 | 7 | – | 6 | 4 | 4 | 20 | – |
| | Oban | 74 | 21.4 | +2 | SSW | 3 | ir0 | 46 | 45 | 7 | 5 | 2 | – | 8 | 2 | 4 | 10 | 25 |
| 13B | Stornoway | 12 | 15.5 | 0 | SSW | 5 | c | 46 | 44 | 7 | 5 | 1 | – | 8 | 4 | 5 | 16 | 15 |
| | Cape Wrath | 367 | 14.8 | –6 | SW | 5 | c | 46 | 44 | 8 | 5 | 2 | – | 7 | 4 | – | 15 | – |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | 46 | | | | | | | | | | |
| | Fraserburgh | 76 | 20.5 | –12 | SSW | 3 | z0 | 46 | 44 | 6 | 5 | – | 6 | 7 | 3 | 4 | 20 | 40 |
| | Alness | 63 | 28.6 | +4 | SW | 5 | clr | 47 | 43 | 8 | 5 | – | 8 | 6 | 2 | 6 | 20 | – |
| | Wick | 114 | 18.1 | –10 | SW | 2 | ror | 47 | 44 | 7 | 5 | – | – | 8 | 8 | – | 45 | – |
| 16 | Hatston | 45 | 17.1 | –6 | SSW | 3 | r0r | 45 | 44 | 6 | 5 | – | – | 8 | 4 | 5 | 25 | 40 |
| | Sumburgh | 15 | 17.3 | –12 | SSW | 6 | z0 | 47 | 46 | 6 | 5 | 2 | – | 8 | 3 | 4 | 8 | 40 |
| | Sullom Voe | 12 | 16.3 | –18 | S'W | 6 | c | 45 | 47 | 7 | 5 | – | – | 8 | 8 | – | 47 | – |
| 17 | Blacksod Point † | 18 | 23.5 | +26 | SW | 5 | bc | 47 | 40 | 7 | 8 | – | – | 4 | 4 | – | 15 | – |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 24.8 | +6 | SSW | 4 | z0 | 47 | 44 | 6 | 5 | – | | 8 | 8 | – | 20 | – |
| | Cas. Archdale | 240 | 24.5 | +10 | S'W'S | 5 | bc | 47 | 43 | 8 | 5 | 4 | 2 | 4 | 1 | 2 | 20 | – |
| 19 | Birr Castle … † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 26.7 | +12 | SW'W | 4 | clr | 48 | 43 | 8 | 5 | 2 | – | 8 | 8 | – | 15 | – |
| 20 | Foynes † | 3 | 28.6 | +24 | SSW | 2 | b-bc | 47 | 42 | 8 | 8 | – | – | 3 | 3 | – | 26 | – |
| | Valentia † | 30 | 29.5 | +26 | W'S | 4 | b-bc | 48 | 41 | 8 | 3 | – | – | 3 | 3 | – | 28 | – |
| | Roches Point † | 22 | 29.4 | +26 | W | 3 | bc | 47 | 46 | 8 | 5 | – | – | 4 | 4 | – | 15 | – |

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

| 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) | 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 A. (31) | Height of Base B. (32) | 9 h. State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 32.6 | +6 | WNW | 2 | z0 | 50 | 48 | 6 | 5 | – | – | 8 | 5 | 8 | 18 | 25 | 1 |
| Croydon | 32.7 | –2 | S | 3 | z0 | 50 | 49 | 5 | 5 | – | – | 3 | 4 | 8 | 6 | 40 | 1 |
| Boscombe Down | 32.8 | +6 | W | 2 | c/f | 47 | 47 | 6 | 5 | – | – | 9 | 6 | – | 25 | – | 1 |
| Thorney Island | 32.6 | –2 | SE | 1 | off | 46 | 45 | 2 | 5 | – | – | 8 | 8 | – | 1 | – | 0 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 33.3 | –2 | S'W | 1 | m | 47 | 47 | 4 | 5 | – | – | 8 | 5 | 8 | 4 | 15 | 1 |
| Manston | 32.7 | 0 | S'W | 3 | z0 | 51 | 48 | 5 | 5 | – | – | 8 | 5 | 8 | 45 | 57 | 1 |
| North Weald | 32.7 | +4 | SW | 3 | m | 50 | 48 | 4 | 5 | – | – | 8 | 8 | – | 7 | – | 1 |
| Felixstowe | 31.9 | –2 | SW | 2 | m | 46 | 45 | 4 | 5 | – | – | 8 | 8 | – | 43 | – | 1 |
| Gorleston | 30.4 | –2 | SSW | 2 | z0 | 51 | 48 | 6 | 6 | – | – | 8 | 8 | – | 14 | – | 1 |
| Mildenhall | 31.4 | +2 | WSW | 3 | z0 | 51 | 50 | 5 | 5 | – | – | 8 | 8 | – | 15 | – | 0 |
| Bircham Newton | 30.6 | –2 | WSW | 4 | m | 51 | 49 | 4 | 5 | – | – | 8 | 5 | 8 | 10 | 40 | 1 |
| Cranwell | 30.8 | +12 | W'N | 5 | d0d0 | 51 | 49 | 5 | 5 | – | – | 8 | 5 | 8 | 8 | 57 | 1 |
| Cranfield | 31.6 | +2 | WSW | 4 | z0 | 49 | 47 | 6 | 5 | 7 | – | 8 | 3 | 4 | 15 | – | 1 |
| Honiley | 31.6 | +10 | W | 3 | d0d0 | 47 | 45 | 5 | 5 | – | – | 8 | 8 | – | 30 | – | 1 |
| Little Rissington | 32.5 | +10 | WSW | 3 | id0 | 46 | 46 | 6 | 5 | – | – | 8 | 4 | 8 | 4 | 15 | 1 |
| Shobden | 32.9 | +20 | W | 3 | cbc/r | 46 | 41 | 7 | 5 | – | – | 5 | 4 | 5 | 18 | 25 | 1 |
| Bristol | 33.3 | +12 | W'S | 2 | d0d0 | 47 | 46 | 5 | 5 | – | – | 8 | 5 | 7 | 11 | 40 | 1 |
| Chivenor | 34.5 | +22 | — | 0 | c/d | 46 | 46 | 6 | 5 | – | – | 8 | 4 | 8 | 8 | 15 | 1 |
| Yeovilton | 33.2 | +10 | NW | 3 | r0r0 | 48 | 46 | 6 | 5 | – | – | 8 | 4 | 8 | 15 | 25 | 0 |
| Portland Bill | 33.3 | +10 | S | 3 | of | 45 | 43 | 2 | 5 | – | – | 8 | 8 | – | 25 | – | 1 |
| Exeter | 34.0 | +14 | NW | 3 | id0 | 48 | 48 | 6 | 5 | – | – | 8 | 5 | 8 | 16 | 25 | 1 |
| Plymouth | 34.3 | +10 | NW | 2 | z0 | 47 | 47 | 6 | 8 | – | – | 5 | 4 | 5 | 9 | 15 | 1 |
| St. Eval | 35.1 | +16 | NW | 2 | z0 | 46 | 46 | 6 | 5 | – | – | 6 | 4 | 5 | 3 | 25 | 1 |
| The Lizard | 34.1 | +16 | NNW | 2 | z0 | 47 | 47 | 6 | 5 | – | – | 4 | 3 | – | 20 | – | 1 |
| Scilly, St. Marys | 34.5 | +6 | NW'W | 2 | c | 47 | 47 | 8 | 8 | – | – | 7 | 7 | – | 15 | – | 1 |
| Fairwood | 34.1 | +20 | W | 2 | r0r0 | 45 | 45 | 4 | 5 | – | – | 8 | 8 | – | 3 | – | 1 |
| Pembroke | 31.4 | +18 | WSW | 3 | c | 45 | 45 | 8 | 5 | – | – | 6 | 6 | – | 19 | – | 1 |
| Aberporth | 33.1 | +18 | WSW | 3 | b | 45 | 44 | 8 | – | 4 | – | 1 | 1 | – | 25 | – | 1 |
| Penrhos | 32.1 | +18 | SW | 4 | z0 | 45 | 43 | 6 | – | – | – | 0 | 0 | 0 | – | – | 1 |
| Holyhead, Valley | 31.8 | +14 | WSW | 4 | b | 45 | 43 | 7 | 5 | – | – | 1 | 1 | – | 25 | – | 1 |
| Hawarden | 31.6 | +14 | SSW | 1 | z0 | 44 | 42 | 6 | 5 | – | – | 2 | 2 | – | 20 | – | 1 |
| Manchester | 31.2 | +24 | SW | 2 | bc/r | 44 | 43 | 5 | 5 | – | – | 4 | 4 | – | 20 | – | 1 |
| Squires Gate | 30.4 | +14 | W'S | 4 | z0 | 44 | 43 | 6 | 5 | – | – | 2 | 2 | – | 20 | – | 1 |
| Silloth | 28.2 | +16 | SW | 4 | b | 43 | 42 | 7 | 8 | – | – | 2 | 2 | – | 20 | – | 1 |
| Ashbourne | 31.7 | +16 | W | 3 | m/d | 44 | 42 | 4 | 5 | 2 | – | 8 | 5 | 8 | 6 | 25 | 1 |
| Snaith | 30.3 | +16 | WNW | 4 | r0r0 | 47 | 44 | 6 | 5 | – | – | 8 | 8 | – | 23 | – | 1 |
| Spurn Head | 29.5 | +2 | SW'W | 4 | z0 | 49 | 47 | 6 | 7 | – | – | 5 | 5 | – | 25 | – | 0 |
| Leeming | 28.9 | +20 | W | 2 | c/r | 45 | 39 | 6 | 5 | 7 | – | 6 | 4 | 3 | 20 | – | 1 |
| Tynemouth | 27.6 | +14 | WSW | 3 | z0 | 47 | 43 | 6 | 5 | – | – | 7 | 7 | – | 25 | – | 1 |
| Acklington | 26.9 | +14 | SW | 4 | c | 45 | 41 | 7 | 5 | 2 | – | 6 | 2 | 6 | 20 | – | 1 |
| St. Abb's Head | 25.2 | +22 | SSW | 2 | c/d | 45 | 40 | 7 | 5 | – | – | 6 | 6 | – | 25 | – | 0 |
| Leuchars | 24.3 | +18 | SW | 4 | bc/pr | 44 | 39 | 6 | 5 | – | 8 | 4 | 3 | 3 | 25 | – | 1 |
| Montrose | 23.3 | +10 | SSW | 4 | c | 46 | 43 | 7 | 5 | – | – | 6 | 4 | 4 | 25 | 40 | 1 |
| Abbotsinch | 26.2 | +30 | WNW | 4 | pr | 45 | 45 | 6 | 8 | – | – | 7 | 3 | 7 | 15 | 25 | 1 |
| Prestwick | 27.7 | +30 | SW | 3 | c-bc | 45 | 40 | 6 | 5 | – | – | 5 | 5 | – | 31 | – | 1 |
| West Freugh | 28.1 | +30 | SW | 4 | b-bc | 44 | 42 | 7 | 2 | – | – | 3 | 3 | – | 20 | – | 1 |
| Eskdalemuir | 27.2 | +18 | WSW | 4 | c-bc | 43 | 39 | 8 | 5 | – | – | 5 | 5 | – | 18 | – | 1 |
| Jurby, I. of Man | 29.6 | +30 | SW | 3 | b | 44 | 42 | 8 | 5 | – | – | 2 | 2 | – | 18 | – | 1 |
| Machrihanish | 26.4 | +22 | SW'W | 4 | b-bc | 43 | 40 | 7 | 5 | – | – | 3 | 3 | – | 18 | – | 1 |
| Tiree | 25.4 | +38 | W | 3 | b-bc | 42 | 38 | 8 | 2 | – | – | 3 | 3 | – | 20 | – | 1 |
| Oban | 26.0 | +34 | WSW | 4 | c-bc/pr | 43 | 39 | 8 | 3 | – | – | 5 | 5 | – | 25 | – | 1 |
| Stornoway | 22.2 | +32 | SW | 4 | pr | 43 | 40 | 8 | 3 | – | – | 4 | 4 | – | 25 | – | 1 |
| Cape Wrath | 20.4 | +20 | WSW | 4 | c-bc | 54 | 39 | 7 | 5 | – | – | 5 | 5 | – | 40 | – | 1 |
| Dalwhinnie | 24.0 | +10 | SW | 3 | pr | 39 | 36 | 7 | 8 | – | – | 5 | 5 | – | 23 | – | 1 |
| Aberdeen | 22.3 | +14 | SW | 2 | c | 47 | 42 | 7 | 5 | 7 | – | 7 | 3 | 7 | 25 | – | 1 |
| Fraserburgh | 22.0 | +14 | SW | 3 | c | 45 | 42 | 7 | 5 | – | – | 8 | 4 | 8 | 25 | 57 | 1 |
| Alness | 22.2 | +32 | SW | 4 | pr | 43 | 40 | 8 | 3 | – | – | 4 | 4 | – | 25 | – | 1 |
| Wick | 20.4 | +20 | WSW | 4 | c-bc | 54 | 39 | 7 | 5 | – | – | 5 | 5 | – | 40 | – | 1 |
| Hatston | 18.1 | +12 | SW'W | 5 | pr | 44 | 39 | 6 | 8 | – | – | 4 | 4 | 3 | 20 | 40 | 1 |
| Sumburgh | 17.4 | –6 | SW | 6 | r0r0 | 44 | 44 | 6 | 5 | 2 | – | 8 | 4 | 8 | 9 | – | 1 |
| Sullom Voe | 16.3 | +2 | SSW | 4 | pr | 45 | 44 | 6 | 8 | – | – | 8 | 5 | 8 | 20 | 40 | 1 |
| Blacksod Point † | 30.3 | +32 | WSW | 3 | b-bc | 45 | 38 | 7 | 5 | – | – | 3 | 3 | – | 25 | – | 2 |
| Malin Head † | 26.8 | +34 | W | 4 | pr | 43 | 38 | 8 | 5 | – | – | 4 | 4 | – | 15 | – | 2 |
| Aldergrove | 30.2 | +34 | SW | 3 | bc | 42 | 38 | 7 | 5 | – | – | 4 | 1 | – | 20 | – | 1 |
| Cas. Archdale | 30.3 | +28 | W'S | 2 | b | 42 | 37 | 8 | 3 | – | 3 | 1 | 1 | 1 | 30 | – | 1 |
| Birr Castle … † | 32.7 | +26 | S | 1 | b | 39 | 37 | 8 | – | – | – | 0 | 0 | 0 | – | – | 1 |
| Collinstown † | 32.0 | +26 | W'S | 4 | b | 48 | 43 | 8 | – | – | – | 0 | 0 | 0 | – | – | 1 |
| Foynes † | 32.9 | +26 | — | 0 | b-bc | 41 | 36 | 8 | 3 | – | – | 3 | 3 | – | 27 | – | 1 |
| Valentia † | 34.3 | +22 | SW'W | 1 | b | 43 | 41 | 8 | 3 | – | – | 2 | 2 | – | 28 | – | 1 |
| Roches Point † | 34.2 | +26 | W | 2 | b | 45 | 44 | 8 | – | – | – | 0 | 0 | 0 | – | – | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | cm0 | cm0 | 45 | 48 | T– |
| Croydon | cm0,cm,cm0 | cmcme | 50 | 45 | – |
| Boscombe Down | cm0gxfid0 | oFid0ofcm0 | 46 | 43 | 0.1 |
| Thorney Island | omefom0 | om0cof | 45 | * | – |
| Friston | | | | | |
| Lympne | off i F | oFcfm | 46 | 41 | 1 |
| Manston | cmm0 | cm0 | 45 | 48 | T– |
| North Weald | cmefcm | cm | 49 | 47 | * |
| Felixstowe | ef | cf | 45 | 44 | T– |
| Gorleston | cz0 | cz0 | 45 | 48 | 0.2 |
| Mildenhall | cm | cmcm0 | 45 | 47 | T– |
| Bircham Newton | om | oid0mcm | 48 | 48 | – |
| Cranwell | cm0 | cm0bcm0 | 45 | 41 | 0.5 |
| Cranfield | cm0 | cm0idcm0 | 48 | 32 | 0.3 |
| Honiley | cm0 | cir0d0m0 | 45 | 40 | 1 |
| Little Rissington | cm0cmcif | | 44 | 41 | 1 |
| Shobden | cid0m0 | cr0r0m0 | 45 | 35 | 0.1 |
| Bristol | cm0r0d0 | dcm0d0 | 43 | 37 | 0.1 |
| Chivenor | cidom0 | | 46 | 45 | 0.1 |
| Yeovilton | cir0id0 | of | 44 | | – |
| Portland Bill | off | off | 45 | * | T– |
| Exeter | cfomof | cm0 | 43 | 35 | T– |
| Plymouth | cmoF | oidofcm0 | 46 | 41 | 0.1 |
| St. Eval | rmoffc | cd20 | 45 | 40 | 1 |
| The Lizard | Ff | dffbc | 47 | * | 0.5 |
| Scilly, St. Marys | ofec | cFc | 44 | * | 0.2 |
| Fairwood | cm0 | qrrm0 | 44 | 42 | 2 |
| Pembroke | prf | cir0c | 44 | * | 3 |
| Aberporth | * | b | 42 | 35 | 3 |
| Penrhos | cw | crrm0bm0 | 43 | 40 | 4 |
| Holyhead, Valley | cboid0m0 | cbm0b | 45 | 39 | 2 |
| Hawarden | cm.bcm. | br0rm0bm0 | 43 | 35 | 0.1 |
| Manchester | cmm. | cir0m0r0r0 | 40 | 31 | 1 |
| Squires Gate | cm0bc | cr0r0m0bcm0 | 42 | 40 | 2 |
| Silloth | cm0ccir0 | cr0r0m0,b | 41 | | 4 |
| Ashbourne | cm,cid0mcm | cmcd0d0m0 | 41 | 36 | T– |
| Snaith | cm | cmr0m0 | 42 | 38 | 0.3 |
| Spurn Head | cm. | cm0 | 44 | * | 0.1 |
| Leeming | cm. | cm0cr0m0 | 43 | 40 | T– |
| Tynemouth | bccm. | cm0 | 45 | 40 | – |
| Acklington | cm.bc | bccr0r0 | 43 | 40 | 0.2 |
| St. Abb's Head | b | cir0cid0 | 43 | * | 1 |
| Leuchars | crr0r0pr | cr0r0m0cm0 | 42 | 38 | 2 |
| Montrose | cm0bcbm. | cir0om0c | 41 | 38 | T– |
| Abbotsinch | d0r0r0m. | r0bcpr0 | 40 | 35 | 3 |
| Prestwick | cr0ir0r. | cr0bc | 43 | 40 | 0.2 |
| West Freugh | ccr0r0m. | bbc | 43 | 38 | 3 |
| Eskdalemuir | omcRRm0 | crrRRm0c | 38 | 37 | 8 |
| Jurby, I. of Man | cr0r. | cr0r0cb | 44 | 30 | 4 |
| Machrihanish | rrc | bc | 43 | 38 | 1 |
| Tiree | cbc | bcpr0bc | 41 | 36 | 1 |
| Oban | cidorrm.ir0 | cir0bcprbc | 41 | * | * |
| Stornoway | cr0r0m0c | cpr0m0bbc | 39 | 35 | 2 |
| Cape Wrath | cir0c | ccp0 | 41 | * | 1 |
| Dalwhinnie | * | oirprc | 37 | 34 | 5 |
| Aberdeen | | cm0c | 44 | 36 | – |
| Fraserburgh | bcm0cm. | cm0ir0 | 42 | | T– |
| Alness | cir0c | ccpr0 | 37 | 29 | 2 |
| Wick | cir0r0r. | cr0r0c | 39 | 36 | 0.3 |
| Hatston | crr | ircpr | 40 | * | 5 |
| Sumburgh | cm0 | cm0r0r0 | 43 | 41 | 4 |
| Sullom Voe | c | crpr0pr0 | 43 | 35 | 3 |
| Blacksod Point † | b | bc | 43 | * | 1 |
| Malin Head † | * | pr | 42 | * | 3 |
| Aldergrove | cr0r.cm. | cbcb | 38 | 35 | 0.4 |
| Cas. Archdale | cir0cbc | bcbpr0 | 40 | 35 | 0.3 |
| Birr Castle … † | * | pr | 38 | 34 | 2 |
| Collinstown † | r | b | 40 | 37 | 2 |
| Foynes † | b | b | 41 | 30 | 1 |
| Valentia † | b | b | 42 | 39 | 2 |
| Roches Point † | b | b | 41 | * | 2 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

0 = Nil 2 = 1/10 4 = 1/4 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.
‡ Second figure in col. (33) gives depth of snow in inches.

**CONFIDENTIAL**

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

Wednesday 21st Feb: 1945 — No. 30407

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

| 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 | 35.2 | +14 | NW | 3 | ebc | 54 | 42 | 7 | 2 | - | 9 | 4 | 5 | - | 15 | - |
| | Croydon | 35.5 | +26 | NW | 3 | 2 | 53 | 42 | 6 | 1 | - | - | 4 | 4 | - | 30 | - |
| | Boscombe Down | 36.2 | +12 | NNW | 4 | bbc | 53 | 42 | 7 | 2 | - | 1 | 3 | 3 | 1 | 18 | - |
| | Thorney Island | 35.2 | +6 | NNW | 4 | bc | 54 | 45 | 8 | 1 | - | 9 | 4 | 4 | 1 | 25 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 34.5 | +14 | NW | 1 | 2 | 54 | 50 | 5 | 2 | - | - | 5 | 5 | - | 20 | - |
| | Manston | 34.6 | +6 | NW | 3 | 2 | 52 | 47 | 5 | 5 | - | - | 8 | 4 | 8 | 15 | 40 |
| 2 | North Weald | 35.4 | +16 | NNW | 4 | ebc | 53 | 43 | 7 | 1 | - | - | 5 | 5 | - | 30 | - |
| | Felixstowe | 34.3 | +10 | NW | 4 | 2 | 53 | 43 | 6 | 1 | 3 | 1 | 2 | 2 | 1 | 25 | - |
| | Gorleston | 32.9 | +10 | NNW | 4 | bc | 53 | 40 | 7 | 1 | 4 | - | 4 | 3 | 3 | 30 | 72 |
| | Mildenhall | 34.6 | +18 | NNW | 4 | bc | 52 | 43 | 8 | 1 | - | - | 4 | 4 | - | 25 | - |
| | Bircham Newton | 34.0 | +14 | N | 4 | 2 | 50 | 42 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Cranwell | 34.6 | +16 | WN | 4 | 2 | 51 | 40 | 6 | 1 | - | - | 3 | 3 | - | 35 | - |
| 3 | Cranfield | 35.2 | +14 | WNW | 3 | 2 | 51 | 41 | 6 | 2 | - | - | 4 | 4 | - | 30 | - |
| | Honiley | 35.8 | +18 | WNW | 4 | 2 | 50 | 38 | 6 | 2 | - | - | 5 | 5 | - | 25 | - |
| 4 | Little Rissington | 35.7 | +12 | NNW | 3 | c | 50 | 38 | 8 | 1 | - | 4 | 7 | 3 | 7 | 25 | - |
| | Shobden | 37.2 | +18 | WNW | 3 | ebc | 49 | 37 | 8 | 1 | - | 2 | 5 | 4 | 5 | 25 | - |
| 5 | Bristol | 38.3 | +20 | NW | 3 | 2 | 49 | 46 | 6 | 5 | - | 6 | 6 | 2 | 5 | 2 | 15 |
| | Chivenor | 37.2 | +16 | NW'N | 2 | bc | 52 | 46 | 7 | 2 | 6 | 8 | 4 | 3 | 4 | 15 | 25 |
| | Yeovilton | | | | | | | | | | | | | | | | |
| | Portland Bill | 36.9 | +12 | NW | 3 | ebc | 48 | 47 | 8 | 2 | - | - | 5 | 5 | - | 50 | - |
| | Exeter | 37.7 | +12 | NW | 4 | bc | 51 | 43 | 8 | 8 | - | - | 4 | 1 | 4 | 15 | 25 |
| | Plymouth | 38.1 | +2 | NNW | 3 | ebc | 52 | 43 | 8 | 5 | - | 4 | 5 | 3 | 5 | 25 | - |
| | St. Eval | 38.5 | +10 | NNW | 2 | 2 | 49 | 46 | 6 | 5 | - | 6 | 6 | 3 | 4 | 4 | 15 |
| | The Lizard | 38.1 | +14 | WNW | 3 | 2o | 49 | 49 | 6 | 7 | - | - | 4 | 4 | - | 20 | - |
| | Scilly, St. Marys | 38.8 | +20 | NW | 3 | bbc | 51 | 49 | 7 | 1 | - | 3 | 3 | 1 | 3 | 20 | - |
| | Fairwood | 38.2 | +20 | WNW | 3 | cbc | 49 | 44 | 7 | 2 | - | 2 | 5 | 2 | 4 | 20 | 25 |
| 6 | Pembroke | 37.3 | +8 | NWN | 2 | bbc | 46 | 44 | 8 | 8 | - | - | 3 | 3 | - | 25 | - |
| | Aberporth | 37.9 | +48 | WNW | 3 | bbc | 47 | 44 | 8 | 1 | - | 2 | 3 | 1 | 3 | 30 | - |
| 7 | Penrhos | 37.1 | +26 | WNW | 4 | bc | 48 | 41 | 8 | 2 | - | 2 | 4 | 1 | 2 | 16 | 40 |
| | Holyhead, Valley | 37.2 | +24 | NW | 3 | cbc | 48 | 43 | 7 | 2 | 6 | 4 | 5 | 2 | 3 | 25 | - |
| | Hawarden | 36.4 | +18 | WNW | 5 | bbc | 50 | 41 | 8 | 2 | 4 | - | 3 | 3 | 4 | 25 | - |
| 8 | Manchester | 35.4 | +18 | WNW | 3 | 2 | 47 | 40 | 7 | 5 | - | - | 4 | 1 | 4 | 25 | 40 |
| | Squires Gate | 35.9 | +24 | WNW | 4 | 2 | 47 | 42 | 6 | 1 | - | 1 | 4 | 3 | 3 | 35 | - |
| | Silloth | 34.6 | +28 | WSW | 3 | bbc | 47 | 40 | 7 | 2 | 3 | - | 3 | 3 | 2 | 40 | - |
| 9 | Ashbourne | 36.1 | +22 | W | 4 | 2 | 47 | 40 | 6 | 2 | - | - | 4 | 4 | 4 | 10 | 15 |
| | Snaith | 35.1 | +22 | W | 3 | 2 | 50 | 40 | 6 | 2 | - | - | 4 | 4 | - | 20 | - |
| 10 | Spurn Head | 33.4 | +14 | WN | 4 | 2 | 49 | 40 | 6 | 5 | 6 | - | 4 | 4 | 3 | 25 | 57 |
| | Leeming | 33.5 | +18 | NNW | 4 | bc | 51 | 37 | 8 | 2 | - | - | 4 | 4 | - | 25 | - |
| | Tynemouth | 32.7 | +24 | W | 3 | 2 | 49 | 40 | 6 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Acklington | 31.9 | +22 | NW | 5 | b | 42 | 34 | 9 | 1 | - | - | 2 | 2 | - | 25 | - |
| 11 | St. Abb's Head | 29.4 | +22 | WNW | 4 | b | 46 | 34 | 8 | 1 | - | - | 1 | 1 | - | 35 | - |
| | Leuchars | 30.5 | +30 | W | 4 | b | 49 | 38 | 8 | 1 | - | - | 2 | 2 | - | 25 | - |
| | Montrose | 30.4 | +30 | SW | 4 | b | 48 | 35 | 9 | 5 | - | - | 2 | 2 | - | 30 | - |
| 12 | Abbotsinch | 32.4 | +22 | WS | 2 | bc | 47 | 39 | 8 | 8 | 8 | - | 4 | 4 | - | 20 | - |
| | Prestwick | 34.0 | +30 | SWW | 4 | bbc | 48 | 39 | 8 | 2 | 3 | - | 3 | 2 | 2 | 25 | - |
| | West Freugh | 34.7 | +30 | W | 5 | ebc | 45 | 41 | 8 | 7 | 7 | 2 | 5 | 1 | 3 | 25 | - |
| | Eskdalemuir | 32.7 | +26 | W | 3 | bc | 45 | 35 | 8 | 7 | - | - | 4 | 4 | - | 18 | - |
| | Jurby, I. of Man | 35.8 | +26 | SWW | 4 | bc | 47 | 43 | 8 | 1 | 5 | - | 4 | 1 | 3 | 20 | - |
| 13A | Machrihanish | 33.9 | +28 | SWW | 4 | bc/pr | 44 | 39 | 8 | 8 | 6 | - | 4 | 2 | 4 | 15 | 25 |
| | Tiree | 35.7 | +26 | WSW | 3 | ebc | 47 | 38 | 9 | 3 | 6 | 3 | 5 | 3 | 3 | 30 | - |
| | Oban | 32.2 | +22 | SSW | 4 | c | 45 | 40 | 9 | 9 | 6 | 3 | 6 | 2 | 5 | 15 | 25 |
| 13B | Stornoway | 27.3 | +30 | WSW | 5 | bbc | 45 | 40 | 8 | 3 | 6 | 3 | 3 | 3 | 2 | 20 | - |
| | Cape Wrath | 25.5 | +34 | SW | 5 | bc | 43 | * | 9 | 3 | 4 | - | 4 | 4 | - | 25 | - |
| 15 | Dalwhinnie | | +32 | W | 4 | bc | 42 | 35 | 8 | 8 | - | - | 4 | 4 | - | 25 | - |
| | Aberdeen | 28.3 | +26 | WN | 5 | b | 48 | 32 | 8 | 1 | - | - | 1 | 1 | - | 25 | - |
| | Fraserburgh | 28.0 | +32 | NW | 6 | b | 47 | 35 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Alness | 29.1 | +30 | WS | 5 | bc | 48 | 37 | 9 | 2 | - | - | 4 | 4 | - | 25 | - |
| | Wick | 26.4 | +24 | W | 5 | bbc | 47 | 33 | 9 | 7 | 6 | - | 3 | 2 | 2 | 15 | 25 |
| 16 | Hatston | 24.6 | +30 | W | 7 | b | 45 | 38 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Sumburgh | 22.4 | +32 | WS | 5 | bbc | 45 | 40 | 8 | 1 | - | - | 3 | 3 | - | 20 | - |
| | Sullom Voe | 21.2 | +30 | W | 5 | bc/pr | 46 | 42 | 8 | 8 | - | - | 4 | 1 | 4 | 15 | 25 |
| 17 | Blacksod Point† | 35.1 | +16 | SWW | 3 | bc | 49 | 42 | 7 | 5 | - | - | 4 | 4 | - | 15 | - |
| 18 | Malin Head † | 32.3 | +28 | WN | 5 | ebc | 48 | 41 | 8 | 8 | 5 | 1 | 5 | 3 | - | 25 | - |
| | Aldergrove | 35.9 | +24 | SW | 3 | ebc | 45 | 39 | 7 | 7 | 7 | 1 | 5 | 2 | 4 | 20 | 57 |
| | Cas. Archdale | 36.1 | +22 | WSW | 1 | c | 46 | 39 | 8 | 5 | 7 | 6 | 7 | 3 | 3 | 30 | - |
| 19 | Birr Castle † | 36.9 | -6 | WSW | 1 | c | 51 | 40 | 8 | 3 | - | 5 | 6 | 4 | - | 15 | - |
| | Collinstown † | 37.4 | +24 | WN | 4 | ebc | 48 | 37 | 8 | 1 | - | 2 | 5 | 3 | - | 23 | - |
| 20 | Foynes † | 37.6 | +14 | WN | 3 | c | 52 | 41 | 8 | 7 | 3 | 7 | 7 | 2 | - | 28 | - |
| | Valentia † | 38.3 | +16 | SWS | 2 | c | 50 | 35 | 8 | 1 | - | 6 | 7 | 1 | - | 25 | - |
| | Roches Point † | 39.0 | +18 | WN | 1 | bc | 48 | 44 | 8 | 2 | - | 5 | 4 | 1 | - | 25 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 37.9 | +16 | NW | 3 | 2o | 50 | 37 | 5 | - | - | 8 | 4 | 4 | - | - | - | 1 |
| Croydon | 38.2 | +18 | NW | 3 | 2o | 50 | 35 | 5 | - | - | 5 | 4 | 4 | - | - | - | 1 |
| Boscombe Down | 37.8 | +10 | - | 0 | cbc | 47 | 38 | 6 | 4 | 4 | 6 | 5 | 1 | 4 | 20 | - | 1 |
| Thorney Island | 37.2 | +10 | NNW | 3 | bc | 48 | 38 | 8 | 1 | 7 | - | 4 | 1 | 4 | 35 | - | 0 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 37.3 | +14 | - | 0 | cbc | 47 | 40 | 7 | - | 4 | 8 | 5 | 3 | 5 | 110 | - | 1 |
| Manston | 36.8 | +14 | NW | 3 | 2o | 46 | 39 | 6 | - | - | 8 | 5 | - | 5 | - | - | 1 |
| North Weald | 37.9 | +14 | NNW | 3 | 2o | 44 | 37 | 5 | - | 4 | 6 | 5 | 2 | 5 | 100 | - | 1 |
| Felixstowe | 36.8 | +10 | NNW | 3 | 2o | 48 | 42 | 5 | 4 | 3 | - | 8 | 3 | 8 | 25 | - | 0 |
| Gorleston | 36.1 | +16 | NW'N | 1 | 2o | 46 | 38 | 5 | 5 | 3 | - | 5 | 4 | 3 | 25 | 72 | 0 |
| Mildenhall | 37.0 | +16 | NW | 2 | bc | 47 | 39 | 6 | 4 | 7 | 2 | 4 | 3 | 3 | 25 | - | 0 |
| Bircham Newton | 37.0 | +20 | NW | 3 | 2o | 45 | 36 | 6 | - | - | 8 | 4 | 4 | - | - | - | 1 |
| Cranwell | 36.8 | +14 | WNW | 2 | 2o | 45 | 37 | 6 | - | - | 2 | 3 | - | 3 | - | - | 0 |
| Cranfield | 37.4 | +12 | NW | 2 | bc | 46 | 36 | 7 | - | - | 2 | 4 | 4 | - | 230 | - | 1 |
| Honiley | 38.1 | +10 | N | 2 | bc | 44 | 36 | 7 | 5 | - | 2 | 4 | 1 | 4 | 25 | - | 1 |
| Little Rissington | 38.0 | +10 | N | 1 | 2o | 45 | 35 | 6 | - | - | 2 | 5 | 5 | - | - | - | 1 |
| Shobden | 38.6 | +10 | WNW | 2 | bc | 46 | 39 | 8 | - | 6 | 8 | 4 | 2 | 3 | - | - | 0 |
| Bristol | 38.2 | +12 | W | 1 | 2o | 43 | +1 | 6 | 1 | - | 6 | 7 | 1 | 7 | 30 | - | 1 |
| Chivenor | 39.1 | +10 | - | 0 | c | 44 | 43 | 7 | 5 | 7 | - | 6 | 1 | 3 | 8 | - | 1 |
| Yeovilton | 37.9 | +4 | NW | 1 | bc | 48 | 42 | 7 | 4 | - | 6 | 4 | 1 | 4 | 30 | - | 0 |
| Portland Bill | 38.0 | +6 | NNE | 3 | cbc | 48 | 47 | 8 | 2 | - | - | 5 | 5 | - | 50 | - | 1 |
| Exeter | 38.7 | -10 | NW | 2 | cbc | 46 | 36 | 8 | - | 4 | 2 | 5 | 1 | 5 | 80 | - | 1 |
| Plymouth | 39.0 | +6 | NW | 2 | c | 49 | 39 | 7 | - | - | 2 | 6 | 7 | - | - | - | 1 |
| St. Eval | 39.4 | +4 | NNE | 2 | bc | 44 | 41 | 7 | - | 4 | - | 4 | 4 | 1 | - | - | 1 |
| The Lizard | 38.7 | +6 | NE | 2 | bc | 48 | 41 | 7 | 5 | 3 | 9 | 4 | 4 | 3 | 25 | 25 | 0 |
| Scilly, St. Marys | 39.3 | +2 | NE | 2 | bc | 48 | 43 | 7 | - | - | 2 | 4 | 4 | - | 150 | - | 1 |
| Fairwood | 39.0 | -4 | NNE | 2 | cbc | 45 | 38 | 8 | - | 7 | 2 | 5 | 2 | 5 | - | - | 1 |
| Pembroke | 39.0 | +8 | W | 2 | bc | 45 | 42 | 7 | 1 | 4 | - | 4 | 2 | 4 | 28 | 72 | 1 |
| Aberporth | 37.4 | +10 | - | 0 | bc | 42 | 39 | 8 | - | 3 | 6 | 4 | 3 | 3 | 150 | - | 1 |
| Penrhos | 38.5 | +8 | SW | 2 | bc | 44 | 39 | 7 | - | - | 8 | 4 | 4 | - | - | - | 0 |
| Holyhead, Valley | 38.7 | +10 | SSW | 1 | cbc | 43 | 41 | 7 | - | 6 | 3 | 5 | - | 4 | - | - | 0 |
| Hawarden | 38.2 | +10 | N | 2 | bbc | 43 | 41 | 7 | - | - | 6 | 3 | 3 | - | - | - | 0 |
| Manchester | 38.4 | +18 | NW | 2 | bbc | 41 | 38 | 7 | - | - | 2 | 3 | 3 | - | 200 | - | 1 |
| Squires Gate | 37.7 | +6 | W | 3 | bc | 42 | 40 | 7 | - | - | 5 | 4 | 4 | - | 200 | - | 0 |
| Silloth | 36.7 | +8 | SSE | 3 | bc | 43 | 38 | 7 | 4 | 4 | - | 4 | 3 | 4 | 25 | - | 1 |
| Ashbourne | 38.2 | +10 | WSW | 1 | bc | 42 | 35 | 7 | 4 | 4 | 6 | 4 | 1 | 3 | 15 | - | 0 |
| Snaith | 37.6 | +14 | WNW | 3 | m | 42 | 35 | 4 | - | - | 1 | 3 | 3 | - | 250 | - | 0 |
| Spurn Head | 36.6 | +18 | WNW | 3 | bc | 45 | 39 | 7 | 7 | 4 | - | 4 | 3 | 4 | 25 | 57 | 0 |
| Leeming | 36.2 | +14 | WNW | 2 | bc | 44 | 34 | 9 | 1 | - | 2 | 4 | 1 | 4 | 25 | - | 1 |
| Tynemouth | 35.7 | +12 | W | 3 | 2o | 46 | 37 | 6 | 2 | 4 | - | 4 | 3 | 3 | 25 | - | 1 |
| Acklington | 35.2 | +12 | SW | 3 | bc | 43 | 34 | 8 | - | - | 2 | 4 | 4 | - | 200 | - | 0 |
| St. Abb's Head | 33.7 | +14 | W | 3 | cbc | 46 | 34 | 8 | 1 | 4 | 1 | 5 | 1 | 4 | 25 | - | 0 |
| Leuchars | 33.5 | +8 | W | 3 | bc | 44 | 39 | 8 | 4 | 4 | 5 | 4 | 2 | 1 | 50 | - | 0 |
| Montrose | 33.5 | +16 | W | 2 | bbc | 42 | 34 | 8 | 4 | 4 | 1 | 3 | 1 | 2 | 20 | - | 0 |
| Abbotsinch | 35.0 | +12 | WSW | 2 | bc | 43 | 38 | 7 | 8 | 2 | - | 4 | 4 | 2 | 20 | - | 1 |
| Prestwick | 36.1 | +10 | WSW | 3 | 2o | 44 | 39 | 5 | 5 | 3 | 7 | 8 | 1 | 1 | 30 | - | 1 |
| West Freugh | 36.2 | +10 | WSW | 3 | c | 44 | 39 | 8 | 5 | - | 6 | 7 | 3 | 4 | 30 | 40 | 0 |
| Eskdalemuir | 36.0 | -6 | WNW | 3 | bbc | 38 | 32 | 8 | 5 | 4 | - | 3 | 3 | 2 | 32 | - | 1 |
| Jurby, I. of Man | 37.5 | +10 | SW | 3 | c | 42 | 38 | 8 | - | 7 | 8 | 6 | 2 | 6 | - | - | 1 |
| Machrihanish | 35.1 | +26 | WSW | 1 | c | 43 | 37 | 7 | - | 2 | 7 | 6 | - | 3 | - | - | 0 |
| Tiree | 33.1 | +6 | SW'S | 3 | pr | 45 | 42 | 8 | 7 | - | 6 | 7 | 3 | 4 | 18 | 25 | 0 |
| Oban | 34.5 | +16 | SW | 3 | c | 43 | 39 | 8 | 2 | 7 | 7 | 7 | 3 | 3 | 25 | - | 1 |
| Stornoway | 29.4 | +4 | SSW | 3 | c | 42 | 37 | 8 | 4 | 1 | 8 | 6 | 2 | 6 | 20 | - | 1 |
| Cape Wrath | 28.8 | +2 | SW | 5 | c | 43 | 41 | 9 | 2 | 4 | - | 6 | 4 | - | 25 | - | 1 |
| Dalwhinnie | | +14 | W | 4 | bc | 39 | 30 | 8 | 5 | - | - | 4 | 4 | - | 24 | - | 0 |
| Aberdeen | 32.8 | +18 | W | 2 | b | 44 | 31 | 7 | - | 4 | 1 | 2 | 1 | 2 | - | - | 1 |
| Fraserburgh | 32.1 | +18 | W'S | 3 | b | 41 | 34 | 8 | 5 | 4 | - | 1 | 1 | 1 | 60 | - | 0 |
| Alness | 31.9 | +14 | SW | 3 | cbc | 44 | 37 | 8 | 8 | - | 8 | 5 | 4 | 3 | 25 | - | 1 |
| Wick | 30.1 | +12 | SW | 3 | b | 41 | 33 | 9 | 5 | - | 1 | 2 | 1 | 2 | 25 | - | 1 |
| Hatston | 28.8 | +18 | W | 6 | b | 42 | 37 | 8 | 5 | - | - | 2 | 2 | - | 20 | - | 1 |
| Sumburgh | 27.2 | +20 | WS | 5 | b | 44 | 41 | 8 | 3 | - | - | 2 | 2 | - | 20 | - | |
| Sullom Voe | 26.0 | +22 | SWW | 3 | bbc | 43 | 38 | 8 | 3 | 8 | - | 3 | 3 | - | 20 | - | 1 |
| Blacksod Point† | 34.8 | -2 | SSW | 4 | c | 48 | 44 | 7 | 5 | 3 | - | 7 | 4 | - | 15 | - | 2 |
| Malin Head † | 34.0 | +8 | WNW | 3 | cbc | 45 | 41 | 8 | 8 | - | - | 5 | 4 | - | 15 | - | 2 |
| Aldergrove | 36.7 | +6 | SWS | 3 | bc | 43 | 37 | 7 | 4 | 8 | 8 | 4 | 2 | 3 | 100 | - | 1 |
| Cas. Archdale | 36.4 | +4 | SW | 2 | cbc | 45 | 38 | 8 | 4 | 3 | 8 | 8 | 3 | 4 | 20 | 40 | 1 |
| Birr Castle † | 37.5 | +4 | WSW | 1 | cbc | 47 | 40 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 1 |
| Collinstown † | 37.9 | +8 | SSW | 2 | c | 43 | 36 | 8 | 4 | 3 | 8 | 7 | 3 | - | 31 | - | 1 |
| Foynes † | 37.8 | +6 | SSW | 1 | cbc | 48 | 41 | 9 | 4 | 3 | - | 5 | 3 | - | 25 | - | 1 |
| Valentia † | 37.9 | +2 | SE | 4 | c | 47 | 47 | 8 | 5 | - | 2 | 7 | 2 | - | 42 | - | 1 |
| Roches Point † | 38.9 | +6 | SW | 1 | bc | 48 | 44 | 8 | 5 | 3 | - | 4 | 2 | - | 25 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather. 06h.-12h. (34) | Weather. 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | cmowbc | cbcy | 55 | 4.6 | - |
| Croydon | cmo | czy | 55 | 3.8 | - |
| Boscombe Down | cmobcb | bccycczo | 54 | 7.0 | - |
| Thorney Island | cmbcmc | bcycy | 57 | * | - |
| Friston | | | | | |
| Lympne | cmorfcmo | cbc | 54 | 3.0 | Tr |
| Manston | cidomcm | bczobcczo | 54 | 4.2 | Tr |
| North Weald | cmobcmo | czocyczo | 53 | * | - |
| Felixstowe | cmcmoczo | bczoczo | 56 | 4.3 | Tr |
| Gorleston | cbc | cczo | 54 | 4.2 | - |
| Mildenhall | cmocbc | bccbc | 54 | 5.1 | - |
| Bircham Newton | obmo | bczom | 51 | * | Tr |
| Cranwell | cromobczo | bcczoycmo | 52 | 6.9 | - |
| Cranfield | bbmobc | bczozbcy | 52 | * | - |
| Honiley | bcmo | c | 51 | 5.5 | - |
| Little Rissington | bbcc | cyccmo | 51 | * | - |
| Shobden | bc | bccbc | 51 | * | - |
| Bristol | emoc | bczobcycy | 54 | 4.6 | - |
| Chivenor | r22ccbc | ctjfmoc bc | 51 | 4.2 | - |
| Yeovilton | | | 54 | * | - |
| Portland Bill | c | bcc | 50 | * | - |
| Exeter | bbcbc | c | 54 | 6.2 | - |
| Plymouth | bcmobc | bcc | 53 | 7.9 | - |
| St. Eval | cmobcmc | cbc | 50 | 6.2 | - |
| The Lizard | bczo | bc | 53 | 8.7 | - |
| Scilly, St. Marys | bcc | cbc | 52 | 9.4 | 0.1 |
| Fairwood | bcc | c | 51 | * | - |
| Pembroke | cbc | bc | 48 | 7.5 | - |
| Aberporth | bccbc | bcbbc | 48 | 8.1 | - |
| Penrhos | bbc | c | 50 | 8.4 | - |
| Holyhead, Valley | obc | cbcc | 49 | * | - |
| Hawarden | bbc | bcc | 52 | 7.2 | - |
| Manchester | bmomcmobc | c | 49 | * | - |
| Squires Gate | bbmo | cbc | 48 | * | - |
| Silloth | bbcb | bc | 48 | * | - |
| Ashbourne | cmbmobczo | cbc | 47 | * | - |
| Snaith | robcmoz | cybczo | 52 | 6.2 | - |
| Spurn Head | bcmo | bc | 49 | 7.4 | - |
| Leeming | bcbc | bcybc | 53 | 6.4 | - |
| Tynemouth | bcmo | bcmo | 52 | * | - |
| Acklington | cby | bbc | 51 | * | - |
| St. Abb's Head | cbcc | bbc | 47 | * | - |
| Leuchars | bcmobc | cbc | 50 | 7.8 | - |
| Montrose | bbccy | bcy | 51 | 3.6 | - |
| Abbotsinch | bc | bc | 49 | 5.3 | - |
| Prestwick | bcpro | bccmo | 50 | * | 0.1 |
| West Freugh | bbcbbc | bcc | 49 | * | - |
| Eskdalemuir | cpRbc | bcybc | 48 | 7.1 | - |
| Jurby, I. of Man | bbc | bcc | 48 | * | Tr |
| Machrihanish | bcprcpr | bcc | 49 | * | - |
| Tiree | obccpbc | bccpr | 49 | 6.4 | 0.1 |
| Oban | bcprjpbcc | bcc | 47 | * | * |
| Stornoway | bcprobc | bcjpc | 52 | 6.2 | 0.1 |
| Cape Wrath | cbc | bcc | 44 | * | Tr |
| Dalwhinnie | bcpr | bc | 49 | 4.4 | 0.5 |
| Aberdeen | bccbyq | byqb | 50 | 8.4 | - |
| Fraserburgh | cbbcc | bbcb | 48 | * | - |
| Alness | bcprobc | bcpr.bc | 49 | 6.3 | Tr |
| Wick | b | byb | 48 | 8.1 | - |
| Hatston | prcb | bcbc | 46 | * | 0.4 |
| Sumburgh | cprob | b | 46 | 0.0 | 0.1 |
| Sullom Voe | cprobc | bbc | 46 | * | 0.1 |
| Blacksod Point† | bc | c | 50 | * | - |
| Malin Head † | c | c | 49 | 3.6 | - |
| Aldergrove | bbcc | cbc | 49 | 6.3 | - |
| Cas. Archdale | bbcc | cbcc | 50 | * | - |
| Birr Castle † | bc | c | 52 | 5.7 | - |
| Collinstown † | bc | c | 50 | 7.3 | - |
| Foynes † | bc | c | 55 | 7.5 | - |
| Valentia † | bc | c | 52 | 7.7 | - |
| Roches Point † | tc | bc | 51 | * | - |

* Information not usually received.

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.

‡ See footnote p. 4.

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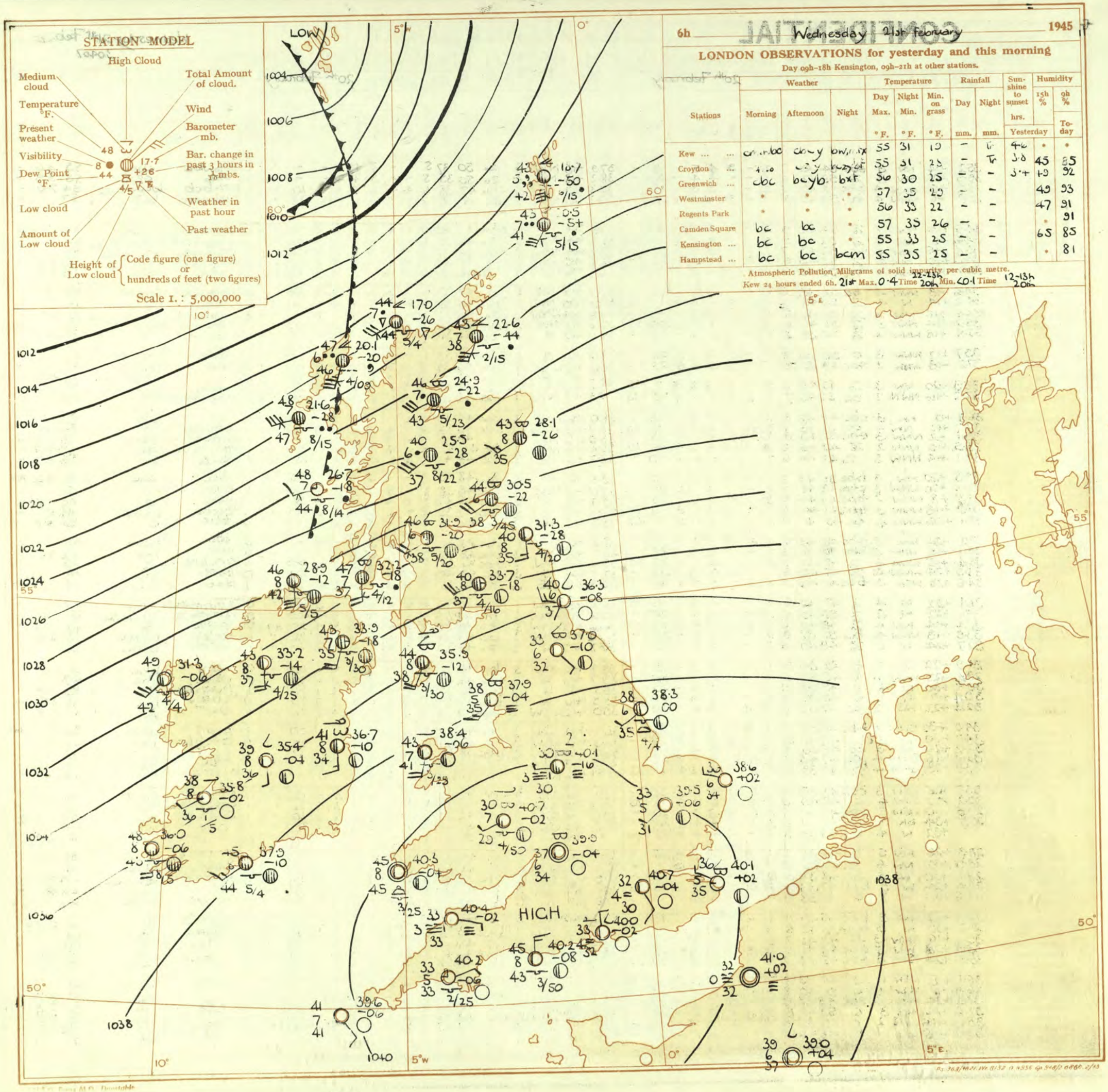
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.


STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in 1/10 mbs.
Dew Point °F.
Weather in past hour
Low cloud
Past weather
Amount of Low cloud
Height of Low cloud
Code figure (one figure) or hundreds of feet (two figures)
Scale 1. : 5,000,000
LOW
HIGH
6h
Wednesday 21st February
1945
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–21h at other stations.
Stations
Weather
Morning
Afternoon
Night
Temperature
Day Max. °F.
Night Min. °F.
Min. on grass °F.
Rainfall
Day mm.
Night mm.
Sun-shine to sunset hrs.
Humidity
15h %
9h %
Yesterday
To-day
Kew ... ...
Croydon ...
Greenwich ...
Westminster
Regents Park
Camden Square
Kensington ...
Hampstead ...
Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 21st Max. 0·4 Time 22-23h 20m Min. 60·1 Time 12-13h 20m
Mb

## GENERAL INFERENCE

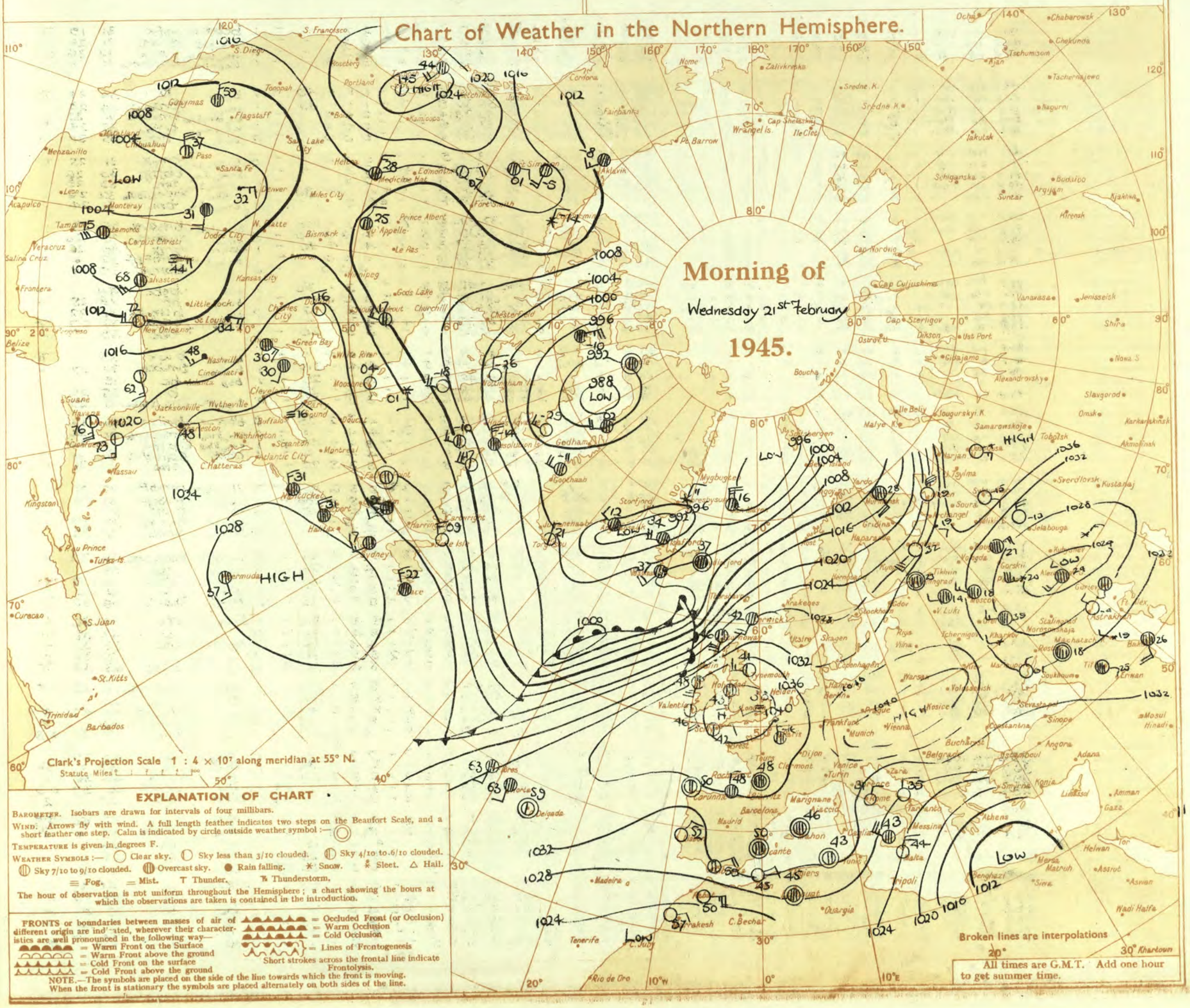
An anticyclone centred over Southeast England is moving eastsoutheast, and a trough of low pressure will move east across Ireland and Scotland tomorrow morning. Weather will be fair and mild in England and Wales, with slight frost and local fog late tonight. Weather will be mainly cloudy and mild in Scotland and Ireland, but with some bright intervals at first in eastern districts. There will be local rain in the west and north at first and more general rain will spread east later, followed by showers

## FURTHER OUTLOOK

Scattered showers in Scotland and Ireland. Cloudy with slight rain in England, followed by fair conditions.

↓ Gale warning in operation in districts. 13A, 13B, 15, 16, 17, 18.
Times of issue 1730 GMT. 20th
0110 GMT. 21st.

# 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.

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.

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 21st Feb. 1945

No. 30407

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

| 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 | * | * | * | * | * | 40 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 40.1 | +12 | W'S | 2 | bf. | 38 | 33 | 3 | - | - | - | 0 | 0 | 0 | - | - |
| | Boscombe Down | 417 | 40.3 | +14 | - | 0 | z0 | 37 | 35 | 6 | · | - | - | 0 | 0 | 0 | - | - |
| | Thorney Island | 10 | 39.7 | +6 | N | 2 | z0 | 37 | 35 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 40.0 | +12 | N | 2 | b | 39 | 37 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Manston | 140 | 39.3 | +6 | NW | 1 | z0 | 41 | 39 | 5 | - | 7 | - | 3 | 3 | - | 110 | - |
| 2 | North Weald | 244 | 39.6 | +2 | NW | 1 | z0 | 38 | 34 | 5 | - | - | 1 | 4 | - | 3 | - | 3 |
| | Felixstowe | 10 | 39.1 | +6 | NW | 2 | z0 | 39 | 37 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Gorleston | 5 | 38.5 | +10 | NW | 1 | z0 | 41 | 34 | 6 | 5 | - | - | 3 | 3 | - | 20 | - |
| | Mildenhall | 15 | 40.1 | +14 | W'N | 2 | z0 | 34 | 33 | 5 | - | - | 1 | 1 | 1 | - | - | - |
| | Bircham Newton | 221 | 39.2 | +16 | W | 2 | z0 | 36 | 34 | 6 | - | - | 8 | 3 | 3 | - | - | - |
| | Cranwell | 203 | 40.3 | +14 | W'S | 3 | z0 | 38 | 36 | 5 | - | 3 | - | 2 | 2 | - | - | - |
| 3 | Cranfield | 340 | 40.4 | +10 | WNW | 1 | z0 | 35 | 31 | 6 | - | 4 | 2 | 3 | 1 | 3 | 130 | - |
| | Honiley | 427 | 41.1 | +26 | - | 0 | m | 35 | 34 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| 4 | Little Rissington | 731 | 40.9 | +16 | NW | 1 | z0 | 40 | 33 | 6 | - | - | 1 | 1 | 1 | - | - | - |
| | Shobden | 318 | 41.7 | +19 | NW | 3 | b | 33 | 31 | 8 | - | - | 8 | 2 | 2 | - | - | - |
| 5 | Bristol | 209 | 40.7 | +14 | - | 0 | m | 35 | 33 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Chivenor | 20 | 41.0 | +6 | E'S | 2 | bf | 39 | 39 | 1 | - | - | - | 0 | 0 | 0 | - | - |
| | Yeovilton | 50 | 40.4 | +10 | - | 0 | z0 | 32 | 32 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Portland Bill | 32 | 40.8 | +18 | NNW | 3 | c-bc | 45 | 41 | 8 | 2 | - | - | 5 | 5 | - | 50 | - |
| | Exeter | 100 | 41.1 | +10 | NE | 1 | z0 | 37 | 36 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Plymouth | 86 | 07.3 | +4 | - | 0 | z0 | 36 | 35 | 5 | - | - | 8 | 3 | 3 | - | - | - |
| | St. Eval | 345 | 41.2 | +2 | - | 0 | if | 39 | 39 | 3 | - | 4 | 2 | 3 | 2 | 3 | - | - |
| | The Lizard | 240 | 39.7 | -4 | NE | 2 | bbc | 41 | 26 | 7 | 7 | - | - | 3 | 3 | - | 20 | - |
| | Scilly, St. Marys | 163 | 40.5 | +4 | E'N | 2 | b | 42 | 41 | 8 | - | - | 3 | 2 | 2 | - | - | - |
| 6 | Fairwood | 268 | 40.9 | 0 | NNE | 2 | z0 | 39 | 36 | 6 | - | 4 | - | 1 | 1 | - | - | - |
| | Pembroke | 142 | 40.9 | +2 | - | 0 | b | 42 | 39 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 40.0 | +2 | WNW | 2 | cf- | 38 | 38 | 2 | - | - | 2 | 2 | 2 | - | - | - |
| | Holyhead, Valley | 32 | 39.5 | -6 | S | 3 | cbc | 43 | 42 | 7 | - | 3 | - | 5 | 5 | 5 | - | - |
| | Hawarden | 15 | 40.4 | +8 | SE | 1 | z0 | 33 | 32 | 6 | - | 3 | - | 2 | - | 2 | - | - |
| 8 | Manchester | 230 | 40.1 | +10 | SSE | 2 | cf | 38 | 37 | 3 | - | - | - | 0 | 0 | 0 | - | - |
| | Squires Gate | 30 | 39.6 | +4 | WSW | 2 | z0 | 40 | 39 | 5 | - | 4 | - | 2 | 2 | 2 | 25 | - |
| | Silloth | 25 | 38.1 | 0 | WSW | 3 | c | 43 | 37 | 7 | 5 | 3 | - | 7 | 3 | 2 | 35 | 40 |
| 9 | Ashbourne | 590 | 40.6 | +14 | N' | 2 | z0 | 36 | 33 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| | Snaith | 30 | 39.9 | +14 | WS | 2 | m | 37 | 34 | 4 | - | 3 | - | 1 | 1 | - | 120 | - |
| 10 | Spurn Head | 29 | 39.2 | +16 | NNW | 3 | b-bc | 41 | 36 | 7 | 7 | - | - | 3 | 3 | - | 25 | - |
| | Leeming | 105 | 38.3 | +2 | - | 0 | b | 37 | 33 | 8 | - | 3 | - | 2 | 2 | - | 80 | - |
| | Tynemouth | 108 | 37.5 | +4 | N | 3 | z0 | 41 | 37 | 6 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Acklington | 138 | 37.0 | +2 | WSW | 4 | bc | 39 | 36 | 8 | - | 3 | 1 | 4 | 4 | 1 | 100 | - |
| 11 | St. Abb's Head | 280 | 35.2 | +4 | SW | 3 | cbc | 40 | 35 | 8 | - | 3 | - | 5 | 5 | - | - | - |
| | Leuchars | 31 | 35.0 | 0 | SW | 3 | c | 42 | 38 | 7 | - | 7 | - | 8 | 8 | - | - | - |
| | Montrose | 22 | 35.1 | +4 | WSW | 2 | c | 39 | 36 | 7 | 5 | 7 | - | 8 | 3 | 8 | 35 | - |
| 12 | Abbotsinch | 19 | 35.2 | -14 | WSW | 2 | z0 | 42 | 38 | 6 | 5 | 3 | - | 6 | 1 | 6 | 28 | - |
| | Prestwick | 30 | 36.6 | -6 | SW | 3 | c | 43 | 37 | 7 | 5 | 3 | - | 6 | 3 | 4 | 30 | - |
| | West Freugh | 53 | 37.5 | 0 | SSW | 2 | cbc | 43 | 40 | 8 | 5 | 3 | - | 5 | 3 | 5 | 35 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 38.0 | -6 | SW | 4 | cbc | 44 | 37 | 8 | - | 3 | - | 5 | 5 | 6 | - | - |
| 13A | Machrihanish | 35 | 35.6 | -6 | SE | 4 | c | 45 | 35 | 7 | 5 | 3 | 5 | 7 | 2 | 5 | 30 | 72 |
| | Tiree | 44 | 30.7 | -20 | SW | 6 | c | 45 | 41 | 8 | 5 | - | - | 3 | 3 | 8 | 25 | 40 |
| | Oban | 74 | 33.9 | -12 | SW | 3 | c | 44 | 39 | 8 | 5 | - | 7 | 8 | 4 | 7 | 30 | 57 |
| 13B | Stornoway | 12 | 25.3 | -32 | SSW | 7 | c | 46 | 42 | 8 | 5 | 7 | - | 6 | 4 | 5 | 20 | 40 |
| | Cape Wrath | 367 | 25.5 | -30 | SW | 5 | c | 44 | 43 | 8 | 5 | 2 | - | 8 | 5 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | 43 | | | | | | | | | | |
| | Fraserburgh | 76 | 33.0 | +4 | WSW | 3 | c | 41 | 32 | 8 | 5 | 1 | - | 8 | 2 | 8 | 30 | - |
| | Alness | 63 | 30.7 | -18 | SW | 4 | c | 43 | 38 | 8 | 4 | - | 6 | 7 | 3 | 7 | 30 | - |
| | Wick | 114 | 29.7 | -14 | SSW | 4 | c | 41 | 37 | 8 | 5 | 1 | - | 8 | 4 | 8 | 50 | - |
| 16 | Hatston | 45 | 28.6 | -12 | SSW | 4 | c | 42 | 40 | 7 | - | 2 | - | 7 | 7 | - | - | - |
| | Sumburgh | 15 | 28.2 | 0 | WS | 5 | c | 43 | 42 | 8 | - | - | 7 | 7 | 7 | 7 | - | - |
| | Sullom Voe | 12 | [illegible] | -2 | SSW | 4 | c | 42 | 40 | 8 | - | - | 7 | 6 | 6 | - | - | - |
| 17 | Blacksod Point † | 18 | 32.8 | -18 | SSW | 5 | c | 48 | 43 | 7 | 5 | - | - | 6 | 6 | - | 15 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 37.2 | -4 | S | 3 | cbc | 43 | 36 | 7 | - | 7 | - | 5 | 5 | - | - | - |
| | Cas. Archdale | 240 | 37.1 | -6 | S | 4 | c | 45 | 37 | 8 | - | 3 | - | 6 | 4 | - | - | - |
| 19 | Birr Castle … † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 39.1 | -2 | SW'S | 3 | b | 41 | 36 | 8 | - | 3 | - | 2 | - | - | - | - |
| 20 | Foynes † | 3 | 37.7 | -2 | S'E | 3 | b | 44 | 37 | 8 | - | - | 1 | 1 | - | - | - | - |
| | Valentia † | 30 | 37.8 | -8 | SSE | 5 | b | 46 | 41 | 8 | 9 | - | - | 1 | 1 | - | 22 | - |
| | Roches Point † | 22 | 39.8 | +6 | - | 9 | b | 43 | 42 | 8 | - | - | r | 2 | - | - | - | - |

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

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 40.4 | -2 | WN | 1 | bf | 36 | 32 | 3 | - | - | 1 | 2 | 2 | - | - | - | 1 |
| Croydon | 40.7 | -4 | SSE | 2 | m | 32 | 30 | 4 | - | - | 8 | 3 | 3 | - | - | - | 1 |
| Boscombe Down | 40.3 | +6 | - | 0 | z0 | 32 | 32 | 5 | - | 4 | - | 2 | 2 | - | - | - | 0 |
| Thorney Island | 40.0 | -2 | NE | 1 | m | 33 | 32 | 4 | - | 4 | 5 | 3 | 1 | 3 | - | - | 0 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 40.2 | -2 | N | 2 | z0 | 36 | 33 | 6 | 5 | - | - | 1 | 1 | - | 40 | - | 1 |
| Manston | 40.1 | +2 | WNW | 1 | z0 | 36 | 35 | 5 | - | 7 | - | 1 | 1 | - | 80 | - | 1 |
| North Weald | 40.3 | -6 | - | 0 | m | 32 | 29 | 4 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Felixstowe | 39.5 | -2 | NW | 2 | z0 | 37 | 35 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 |
| Gorleston | 38.6 | +2 | WNW | 1 | z0 | 36 | 34 | 6 | - | - | - | 0 | 0 | 0 | - | - | 0 |
| Mildenhall | 39.5 | -6 | SW'S | 1 | z0 | 33 | 31 | 5 | - | - | - | 0 | 0 | 0 | - | - | 0 |
| Bircham Newton | 39.3 | -2 | WSW | 2 | b-bcf+ | 33 | 33 | 3 | - | 4 | - | 3 | 3 | - | - | - | 1 |
| Cranwell | 38.9 | -6 | WSW | 2 | m | 35 | 35 | 4 | - | 4 | - | 2 | 2 | - | - | - | 1 |
| Cranfield | 39.7 | -6 | WSW | 1 | z0 | 33 | 30 | 5 | - | 4 | 2 | 4 | 1 | 4 | 80 | - | 1 |
| Honiley | 39.7 | -6 | SW | 2 | m | 35 | 33 | 4 | - | - | 6 | 5 | 5 | - | - | - | 1 |
| Little Rissington | 39.9 | -4 | - | 0 | z0 | 37 | 34 | 6 | - | 7 | - | 3 | 3 | - | 100 | - | 1 |
| Shobden | 40.7 | -2 | SW | 1 | bc | 30 | 29 | 7 | 5 | 7 | - | 4 | 4 | 3 | 50 | - | 3 |
| Bristol | 40.3 | -6 | - | 0 | bcf+ | 33 | 33 | 3 | 5 | 7 | - | 4 | 1 | 4 | 20 | - | 1 |
| Chivenor | 40.4 | -2 | ESE | 1 | bf- | 33 | 33 | 3 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Yeovilton | 40.0 | -6 | - | 0 | m | 31 | 31 | 4 | - | - | - | 0 | 0 | 0 | - | - | 0 |
| Portland Bill | 40.2 | -8 | N | 3 | b-bc | 45 | 43 | 8 | 5 | - | - | 3 | 3 | - | 50 | - | 1 |
| Exeter | 41.0 | -2 | ENE | 5 | bf+ | 30 | 30 | 2 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Plymouth | 40.2 | -6 | E'N | 1 | z0 | 33 | 33 | 5 | 5 | - | - | 2 | 2 | - | 25 | - | 3 |
| St. Eval | 40.2 | -6 | - | 0 | bcif | 36 | 35 | 5 | - | 4 | 8 | 4 | 3 | 4 | - | - | 1 |
| The Lizard | 39.6 | -6 | E | 2 | b-bc | 40 | 39 | 7 | 4 | - | - | 3 | 3 | - | 20 | - | 1 |
| Scilly, St. Marys | 39.6 | -6 | SE | 2 | b | 41 | 41 | 7 | - | - | - | 0 | 0 | 0 | - | - | 1 |
| Fairwood | 40.7 | -2 | NNE | 2 | m | 34 | 34 | 4 | 5 | - | - | 4 | 4 | - | 50 | - | 1 |
| Pembroke | 40.3 | -4 | - | 0 | b-bc | 45 | 45 | 8 | 8 | - | - | 3 | 3 | - | 25 | - | 1 |
| Aberporth | 40.4 | -2 | S'W | 3 | b-bc | 37 | 34 | 7 | 5 | - | - | 3 | 3 | - | 25 | - | 1 |
| Penrhos | 38.8 | -8 | SSE | 2 | b-bc | 40 | 40 | 6 | 5 | - | - | 3 | 3 | - | 25 | - | 0 |
| Holyhead, Valley | 38.4 | -6 | S'W | 4 | bc | 43 | 41 | 7 | 5 | - | 1 | 4 | 3 | 2 | 25 | - | 0 |
| Hawarden | 39.2 | -6 | SSE | 1 | z0 | 32 | 32 | 5 | - | 3 | - | 4 | 4 | - | 0 | - | 0 |
| Manchester | 39.2 | 0 | SSE | 3 | cf | 34 | 33 | 3 | 5 | - | 7 | 8 | 4 | 8 | 40 | - | 1 |
| Squires Gate | 37.9 | -4 | SSW | 3 | z0 | 38 | 35 | 5 | - | 7 | - | 4 | 4 | - | 0 | - | 1 |
| Silloth | 35.6 | -12 | S'W | 5 | c-bc | 43 | 38 | 8 | 5 | 7 | - | 5 | 3 | 5 | 25 | - | 1 |
| Ashbourne | 40.1 | -2 | W | 1 | c-bcf | 45 | 40 | 3 | - | 7 | 6 | 5 | 3 | 6 | 80 | - | 3 |
| Snaith | 38.8 | -6 | SSE | 1 | c-bcf+ | 33 | 33 | 3 | - | - | 6 | 5 | 5 | - | 200 | - | 0 |
| Spurn Head | 28.3 | 0 | SW | 1 | z0 | 38 | 35 | 6 | 7 | - | - | 4 | 4 | - | 15 | - | 0 |
| Leeming | 37.0 | -10 | SE | 1 | z0 | 33 | 32 | 6 | - | 7 | - | 3 | 3 | - | - | - | 1 |
| Tynemouth | 36.3 | -8 | W | 3 | z0 | 40 | 37 | 6 | - | 4 | - | 3 | 3 | - | - | - | 0 |
| Acklington | 34.7 | -14 | SSE | 3 | z0 | 38 | 34 | 6 | 5 | 7 | - | 5 | 3 | 4 | 40 | - | 0 |
| St. Abb's Head | 31.3 | 28 | S | 3 | bc | 40 | 35 | 8 | 5 | - | - | 4 | 4 | - | 20 | - | 0 |
| Leuchars | 30.5 | -22 | SW | 4 | z0 | 44 | 38 | 6 | 5 | 7 | - | 7 | 3 | 7 | 45 | - | 1 |
| Montrose | 30.7 | -18 | SW | 6 | c | 44 | 36 | 8 | - | 7 | - | 8 | 8 | - | - | - | 1 |
| Abbotsinch | 31.9 | -20 | SW'S | 4 | z0 | 46 | 38 | 6 | 5 | 7 | - | 8 | 5 | 8 | 20 | - | 1 |
| Prestwick | 33.4 | -22 | S'W | 3 | c | 46 | 35 | 7 | 6 | - | - | 8 | 8 | - | 52 | - | 1 |
| West Freugh | 34.5 | -14 | SSW | 4 | c | 44 | 41 | 7 | 5 | 7 | - | 8 | 4 | 8 | 30 | - | 0 |
| Eskdalemuir | 33.7 | -18 | WSW | 5 | c | 40 | 37 | 8 | 5 | - | - | 6 | 4 | - | 16 | - | 1 |
| Jurby, I. of Man | 35.9 | -12 | SSW | 4 | c-bc | 44 | 38 | 8 | 5 | 7 | 2 | 5 | 3 | 5 | 30 | - | 1 |
| Machrihanish | 32.2 | -18 | SE | 4 | c | 47 | 37 | 7 | 5 | 7 | - | 8 | 4 | 5 | 12 | 25 | 0 |
| Tiree | 26.7 | -18 | SSW | 6 | c | 48 | 44 | 7 | 5 | - | - | 8 | 8 | - | 14 | - | 1 |
| Oban | 30.1 | -14 | SW | 4 | c | 44 | 40 | 7 | 5 | - | - | 8 | 8 | - | 20 | - | 1 |
| Stornoway | 20.1 | -20 | SSW | 7 | r0r0 | 47 | 46 | 6 | 6 | 2 | - | 8 | 4 | 5 | 9 | 15 | 1 |
| Cape Wrath | 17.0 | -26 | SW | 6 | pr | 44 | 44 | 7 | 5 | 2 | - | 8 | 5 | - | 15 | - | 2 |
| Dalwhinnie | 25.5 | -28 | SW | 5 | ir0 | 40 | 37 | 6 | 5 | 8 | - | 8 | 8 | - | 22 | - | 1 |
| Aberdeen | 28.1 | -26 | SW'S | 3 | c | 43 | 35 | 8 | - | 7 | - | 7 | 7 | - | - | - | 1 |
| Fraserburgh | 27.2 | -22 | S | 4 | c-bc | 41 | 37 | 7 | 5 | - | - | 5 | 5 | - | 34 | - | 1 |
| Alness | 24.9 | -22 | SW | 6 | ir0 | 46 | 43 | 7 | 5 | 7 | - | 8 | 5 | 8 | 23 | - | 1 |
| Wick | 22.6 | -44 | SSW | 6 | c | 43 | 38 | 7 | 5 | 2 | - | 8 | 2 | 8 | 15 | 25 | 1 |
| Hatston | 20.9 | -36 | SSW | 6 | c | 43 | 37 | 7 | 5 | 2 | - | 8 | 4 | 5 | 20 | 40 | 1 |
| Sumburgh | 20.5 | -54 | SSW | 6 | r0r0 | 43 | 41 | 7 | 5 | 2 | - | 8 | 5 | 8 | 15 | 25 | 1 |
| Sullom Voe | 18.7 | -50 | S'E | 7 | dd | 43 | 42 | 5 | 6 | 2 | - | 8 | 6 | 8 | 15 | 40 | 1 |
| Blacksod Point † | 31.3 | -6 | SW'S | 5 | bc | 49 | 42 | 7 | 5 | - | - | 4 | 4 | - | 15 | - | 1 |
| Malin Head † | 28.9 | -12 | S | 6 | c-bc | 46 | 42 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 1 |
| Aldergrove | 33.9 | -18 | S | 4 | c | 43 | 35 | 7 | 5 | - | - | 6 | 3 | 5 | 30 | 57 | 1 |
| Cas. Archdale | 33.2 | -14 | S | 4 | bc | 43 | 37 | 8 | 5 | - | - | 4 | 4 | - | 25 | - | 1 |
| Birr Castle † | 35.4 | -4 | S | 1 | b-bc | 39 | 36 | 8 | - | 4 | - | 3 | 0 | - | - | - | 1 |
| Collinstown † | 36.7 | -10 | S'W | 3 | bc | 41 | 34 | 8 | - | 3 | 2 | 4 | 0 | - | - | - | 1 |
| Foynes † | 35.8 | -2 | SW | 1 | b | 38 | 36 | 8 | 5 | - | 1 | 2 | 1 | - | 30 | - | 1 |
| Valentia † | 36.0 | -6 | S | 4 | c | 48 | 43 | 8 | 5 | - | - | 8 | 8 | - | 21 | - | 1 |
| Roches Point † | 37.9 | -10 | SW | 3 | c-bc | 45 | 44 | 8 | 5 | - | - | 5 | 5 | - | 15 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | bcbmω | bmfx | 31 | 19 | Tr |
| Croydon | bczybf | bf bm | 31 | 28 | Tr |
| Boscombe Down | cm0bcbm0 | bm0 | 32 | 26 | 0.1 |
| Thorney Island | bcycbm0 | bm0bm | 32 | * | - |
| Friston | | | | | |
| Lympne | bbcb | b | 36 | 25 | Tr |
| Manston | cm0 | bm0w | 34 | 29 | - |
| North Weald | cz0bm0bcm | bm0bm | 31 | 25 | - |
| Felixstowe | cb cm0 | bm0 | 35 | 28 | Tr |
| Gorleston | bcz0 | bz | 35 | 31 | - |
| Mildenhall | bcbm0w | bm0x | 31 | 25 | Tr |
| Bircham Newton | bcm0 bm0 | bbffg | 30 | 26 | - |
| Cranwell | bcm0bm0 | bm | 33 | 29 | - |
| Cranfield | bcbbc | bcm0bm0 | 32 | 26 | - |
| Honiley | bcm0bm0 | bm | 31 | 24 | - |
| Little Rissington | bcm0bm0 | bm0bcm0 | 36 | 23 | - |
| Shobden | cbcb | bwbbm0 | 28 | 20 | - |
| Bristol | bcbm | bmx | 30 | 26 | - |
| Chivenor | bcm0bF | bF0F bf | 32 | * | - |
| Yeovilton | | bbmm | 39 | * | - |
| Portland Bill | bcc | bcbc | 44 | | - |
| Exeter | bcm0 | bf | 28 | 25 | - |
| Plymouth | cr0 | bcm0bx | 31 | 22 | - |
| St. Eval | cbcbctmf | bcifx | 33 | 27 | Tr |
| The Lizard | | bbc | 39 | * | - |
| Scilly, St. Marys | bw | bwx | 38 | | Tr |
| Fairwood | bcbm0 | bm0bcm | 32 | 27 | - |
| Pembroke | bcb | bc | 39 | * | - |
| Aberporth | * | b | 35 | 26 | - |
| Penrhos | bfgbFw | cm0bcm0w | 35 | 29 | - |
| Holyhead, Valley | bbccw | bcbw | 40 | 36 | - |
| Hawarden | cm0bm0 | bm0bcm0 | 30 | 24 | - |
| Manchester | cm0bbf | bfcffx | 32 | 24 | - |
| Squires Gate | cbcb | bcmbfm0 | 32 | * | - |
| Silloth | | cbc | 35 | 31 | - |
| Ashbourne | bcbcm0 | bm0bFF | 29 | 21 | - |
| Snaith | bc2bm | bmbcf | 31 | 25 | - |
| Spurn Head | bc | bcm0 | 37 | * | - |
| Leeming | bcycb | bbcm0 | 33 | 29 | - |
| Tynemouth | bcm0 | bcm0 | 38 | 32 | - |
| Acklington | bccbc | bcm0 2cm0 | 38 | 32 | - |
| St. Abb's Head | cbcc | cbc | 38 | * | - |
| Leuchars | bcc | ccm0 | 40 | 37 | - |
| Montrose | bcc | c | 41 | 32 | - |
| Abbotsinch | bcm0 | bccm0 | 38 | 33 | Tr |
| Prestwick | bcm0c | bcc | 39 | 36 | 4 |
| West Freugh | | c | 42 | 38 | Tr |
| Eskdalemuir | bcω | bcc | 33 | 30 | - |
| Jurby, I. of Man | | c | 39 | 34 | - |
| Machrihanish | c | circ | 43 | 43 | Tr |
| Tiree | cpr0c | cdorecr0c | 45 | 43 | 0.5 |
| Oban | c | ccir0c | 41 | * | |
| Stornoway | c | cd0dm0 | 44 | 42 | 2 |
| Cape Wrath | c | ccpr0 | 40 | * | 7 |
| Dalwhinnie | * | 0ir0 | 37 | 31 | 0.5 |
| Aberdeen | cm0 | c | 40 | 29 | - |
| Fraserburgh | bcc | c | 37 | * | Tr |
| Alness | bcc | ccir0 | 40 | 35 | 1 |
| Wick | bc | ccirc | 40 | 37 | 0.3 |
| Hatston | bbcc | crc | 37 | * | 2 |
| Sumburgh | bbcc | ir0r0c | 42 | 40 | 0.5 |
| Sullom Voe | bbcc | cr0ddm0 | 39 | * | 3 |
| Blacksod Point † | c | bc | 46 | | - |
| Malin Head † | * | c | 44 | * | - |
| Aldergrove | cbc | bce | 41 | 35 | - |
| Cas. Archdale | cbcebc | c | 41 | 38 | - |
| Birr Castle † | * | bc | 37 | 34 | - |
| Collinstown † | bc | bc | 35 | 27 | - |
| Foynes † | b | b | 35 | 30 | - |
| Valentia † | b | c | 45 | 39 | - |
| Roches Point † | b | b | 42 | * | Tr |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

**CONFIDENTIAL**

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

Thursday 22nd February 1945

No. 30408

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

| 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) | 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 B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 40.6 | +4 | SSW | 1 | 2o | 45 | 39 | 5 | – | – | 8 | 6 | 6 | – | – | – |
| | Croydon | 41.4 | +2 | – | 0 | c | 49 | 33 | 5 | – | 4 | 6 | 7 | 7 | – | – | – |
| | Boscombe Down | 40.9 | +2 | SSW | 2 | 2o | 47 | 39 | 5 | – | – | 4 | 5 | 5 | – | – | – |
| | Thorney Island | 40.8 | 0 | S | 2 | 2o | 50 | 38 | 5 | – | 7 | – | 6 | – | 6 | – | – |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 41.2 | -2 | SW'W | 1 | 2o | 47 | 39 | 5 | – | – | 2 | 6 | 6 | – | – | – |
| | Manston | 40.8 | +2 | N'W | 1 | m | 47 | 40 | 4 | – | – | 2 | 5 | 5 | – | 200 | – |
| | North Weald | 40.9 | +4 | W | 2 | m | 49 | 37 | 4 | – | – | 6 | 4 | 5 | – | 200 | – |
| 2 | Felixstowe | 40.1 | +2 | W | 3 | m | 47 | 41 | 4 | 5 | 1 | – | 8 | 2 | 8 | 50 | – |
| | Gorleston | 39.2 | 0 | W | 2 | 2o | 48 | 36 | 5 | 5 | 4 | – | 6 | 5 | 3 | 30 | 72 |
| | Mildenhall | 40.0 | -2 | SW | 3 | 2o | 45 | 34 | 5 | – | – | 2 | 4 | 4 | – | 200 | – |
| | Bircham Newton | 39.4 | -6 | WSW | 3 | 2o | 43 | 37 | 5 | – | – | 6 | 7 | 7 | – | – | – |
| | Cranwell | 38.5 | -6 | SW'W | 3 | m | 47 | 39 | 4 | – | 3 | 6 | 5 | 4 | 5 | – | – |
| 3 | Cranfield | 39.7 | -10 | SW | 4 | 2o | 47 | 35 | 6 | – | – | 6 | 4 | 4 | – | 200 | – |
| | Honiley | 39.6 | +4 | SW | 3 | 2o | 45 | 37 | 5 | – | – | 8 | 7 | 7 | – | – | – |
| 4 | Little Rissington | 39.5 | -8 | WSW | 3 | 2o | 45 | 36 | 6 | – | 7 | 2 | 5 | 4 | 4 | 90 | – |
| | Shobden | 40.0 | -6 | S | 1 | cfg | 45 | 35 | 7 | 5 | 3 | 8 | 7 | 1 | 1 | 30 | – |
| 5 | Bristol | 40.1 | -8 | SSW | 1 | 2o | 50 | 39 | 6 | – | – | 6 | 6 | – | 6 | – | – |
| | Chivenor | 40.2 | -8 | SE | 2 | c | 47 | 41 | 7 | – | 4 | 2 | 6 | 2 | 6 | – | – |
| | Yeovilton | 40.5 | -4 | – | 0 | 2o | 49 | 42 | 5 | – | – | 2 | 3 | – | 3 | – | – |
| | Portland Bill | 41.0 | +2 | E | 3 | c-bc | 48 | 45 | 8 | 2 | – | – | 5 | 5 | – | 50 | – |
| | Exeter | 40.7 | -6 | W | 1 | 2o | 45 | 39 | 6 | – | – | 2 | 6 | – | – | – | – |
| | Plymouth | 40.9 | +4 | – | 0 | 2o | 48 | 42 | 6 | – | – | 6 | 5 | – | 5 | – | – |
| | St. Eval | 40.3 | -6 | SSW | 2 | bc | 48 | 38 | 8 | 1 | – | 4 | 4 | 1 | 4 | 20 | – |
| | The Lizard | 40.1 | 0 | SE | 2 | bc | 49 | 47 | 7 | 2 | 4 | – | 4 | 4 | 2 | 30 | 40 |
| | Scilly, St. Marys | 39.7 | -8 | SSW | 2 | c-bc | 50 | 43 | 8 | 5 | – | 2 | 5 | 3 | 4 | 200 | – |
| | Fairwood | 40.5 | -6 | – | 0 | m f | 43 | 40 | 4 | 5 | – | 8 | 6 | 3 | 5 | 1 | – |
| 6 | Pembroke | 40.0 | 0 | SSW | 3 | c-bc | 45 | 43 | 7 | 2 | – | – | 5 | 3 | – | 20 | – |
| | Aberporth | 39.9 | -6 | S'W | 4 | c | 43 | 40 | 7 | – | 7 | 2 | 6 | 3 | 6 | 150 | – |
| 7 | Penrhos | 38.6 | -2 | S'W | 3 | c | 46 | 41 | 7 | 5 | 7 | 8 | 7 | 1 | 3 | 15 | – |
| | Holyhead, Valley | 37.7 | -6 | S'W | 5 | c | 47 | 42 | 7 | 5 | 7 | 6 | 7 | 2 | 3 | 6 | – |
| | Hawarden | 37.7 | -12 | SE | 3 | c-bc | 50 | 41 | 8 | – | 7 | 2 | 5 | 3 | 5 | – | – |
| 8 | Manchester | 38.6 | 0 | S'W | 3 | 2o | 43 | 36 | 6 | – | 7 | – | 7 | 7 | – | 100 | – |
| | Squires Gate | 37.1 | -10 | SW | 4 | 2o | 49 | 38 | 6 | – | 7 | 6 | 5 | 3 | 5 | – | – |
| | Silloth | 35.0 | -2 | SSW | 5 | c | 46 | 42 | 7 | 5 | 7 | 1 | 7 | 2 | 5 | 40 | – |
| 9 | Ashbourne | 38.9 | -12 | SSW | 2 | 2o | 43 | 34 | 5 | 5 | 7 | – | 6 | 2 | 7 | 60 | – |
| | Snaith | 38.2 | -10 | SSW | 1 | m f | 45 | 38 | 4 | 5 | 7 | – | 7 | 4 | 7 | 35 | – |
| 10 | Spurn Head | 38.3 | -6 | SW'W | 3 | 2o | 45 | 37 | 6 | 7 | 7 | – | 6 | 4 | 4 | 18 | 57 |
| | Leeming | 35.6 | -20 | S'W | 3 | c | 48 | 35 | 7 | 5 | 4 | 2 | 7 | 4 | 2 | 40 | – |
| | Tynemouth | 33.8 | -20 | SSW | 4 | 2o | 48 | 39 | 5 | 8 | – | – | 5 | 5 | – | 16 | – |
| | Acklington | 32.6 | -16 | WSW | 5 | c | 48 | 36 | 7 | 5 | 7 | – | 7 | 1 | 7 | 45 | – |
| 11 | St. Abb's Head | 29.3 | -12 | SW | 4 | c | 46 | 36 | 8 | 7 | 4 | – | 6 | 5 | 3 | 30 | – |
| | Leuchars | 28.4 | -18 | SW | 5 | 2o | 48 | 41 | 6 | – | 7 | – | 7 | 7 | – | – | – |
| | Montrose | 28.1 | -14 | SW | 4 | c | 48 | 38 | 8 | 5 | 7 | – | 7 | 3 | 7 | 60 | – |
| 12 | Abbotsinch | 31.5 | -6 | SW | 4 | c | 47 | 38 | 7 | 5 | 7 | 9 | 8 | 4 | 4 | 25 | – |
| | Prestwick | 33.2 | -6 | SSW | 5 | c-bc | 49 | 37 | 8 | 5 | 3 | 8 | 5 | 4 | 3 | 60 | – |
| | West Freugh | 33.8 | -6 | SW | 2 | c | 46 | 41 | 8 | 5 | 7 | – | 6 | 4 | 6 | 50 | – |
| | Eskdalemuir | 33.3 | -4 | SW'S | 5 | c | 42 | 38 | 7 | 5 | 7 | – | 8 | 5 | 8 | 15 | – |
| | Jurby, I. of Man | 35.1 | -6 | SW | 5 | c | 49 | 45 | 8 | 5 | 3 | 6 | 6 | 1 | 4 | 15 | – |
| 13A | Machrihanish | 31.7 | -2 | SSE | 3 | bc | 50 | 40 | 8 | 1 | 4 | 6 | 4 | 1 | 3 | 30 | – |
| | Tiree | 26.8 | -8 | SSW | 6 | 2o | 49 | 45 | 6 | 5 | – | – | 7 | 4 | 8 | 12 | 25 |
| | Oban | 30.2 | -2 | S | 3 | c | 46 | 41 | 7 | 5 | 7 | – | 8 | 2 | 4 | 20 | 40 |
| 13B | Stornoway | 19.5 | -2 | SSW | 7 | id. | 48 | 46 | 7 | 5 | 2 | – | 8 | 5 | 8 | 10 | 15 |
| | Cape Wrath | 16.3 | -14 | SW | 6 | pr | 45 | 45 | 7 | 5 | 2 | – | 8 | 4 | – | 15 | – |
| 15 | Dalwhinnie | 26.5 | +2 | SW | 5 | id. | 41 | 39 | 6 | 5 | – | 5 | 7 | 4 | 4 | 19 | – |
| | Aberdeen | 25.3 | -18 | WSW | 4 | c | 49 | 38 | 8 | 5 | 9 | – | 7 | 1 | 7 | 40 | – |
| | Fraserburgh | 24.5 | -16 | W | 5 | c | 50 | 41 | 7 | 5 | 7 | – | 7 | 4 | 7 | 40 | – |
| | Alness | 22.9 | -8 | SW'W | 7 | c | 52 | 47 | 9 | 5 | 3 | – | 6 | 3 | 5 | 25 | 40 |
| | Wick | 21.2 | -6 | SSW | 6 | c | 45 | 45 | 9 | 5 | 4 | 6 | 8 | 4 | 3 | 25 | – |
| 16 | Hatston | 19.3 | -10 | SW'S | 5 | dd | 48 | 46 | 6 | 5 | 2 | – | 8 | 4 | 5 | 10 | 15 |
| | Sumburgh | 17.3 | -8 | SW | 6 | r.r. | 45 | 45 | 5 | 5 | 2 | – | 8 | 5 | 8 | 4 | 15 |
| | Sullom Voe | 15.3 | -12 | SSW | 7 | ir. | 47 | 47 | 5 | 6 | – | – | 8 | 4 | 8 | 7 | 15 |
| 17 | Blacksod Point † | 30.0 | -10 | S'W | 5 | rr | 48 | 46 | 6 | – | 2 | – | 8 | 8 | – | 8 | – |
| 18 | Malin Head † | 28.3 | -8 | SW | 1 | bc | 50 | 46 | 8 | 5 | – | 2 | 4 | 4 | – | 25 | – |
| | Aldergrove | 33.5 | -6 | SW'S | 4 | bc | 48 | 39 | 7 | 5 | – | 8 | 4 | 3 | 3 | 35 | – |
| | Cas. Archdale | 33.4 | -6 | S | 4 | c | 46 | 41 | 8 | 5 | – | – | 6 | 4 | 5 | 15 | 25 |
| 19 | Birr Castle † | 34.2 | -14 | SW | 3 | bc | 52 | 41 | 8 | – | – | 8 | 4 | – | – | – | – |
| | Collinstown † | 34.9 | -14 | SW'S | 4 | bc | 50 | 29 | 8 | 7 | 4 | 8 | 4 | 1 | – | 55 | – |
| 20 | Foynes † | 34.7 | -10 | S | 5 | b-bc | 53 | 42 | 8 | 1 | – | 1 | 3 | 3 | – | 27 | – |
| | Valentia † | 34.8 | -10 | S'E | 5 | dd | 49 | 48 | 4 | 5 | – | – | 8 | 8 | – | 4 | – |
| | Roches Point † | 37.5 | -4 | SSW | 4 | c | 47 | 43 | 8 | 5 | – | – | 6 | 6 | – | 15 | – |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

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

| 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) | Height of Base B. (32) | State of Ground. ‡ 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 38.9 | -2 | – | 0 | m | 46 | 38 | 4 | 5 | – | – | 3 | 3 | – | 25 | – | 1 |
| | Croydon | 40.4 | +2 | SW | 2 | 2o | 51 | 35 | 5 | – | – | 7 | 7 | 7 | – | – | – | 1 |
| | Boscombe Down | 38.4 | -4 | S | 2 | 2o | 45 | 42 | 6 | – | – | 6 | 5 | 5 | – | – | – | 0 |
| | Thorney Island | 39.1 | -2 | SW | 1 | m | 43 | 41 | 4 | – | – | 6 | 7 | 7 | – | – | – | 0 |
| | Friston | | | | | | | | | | | | | | | | | |
| | Lympne | 39.6 | -6 | SSW | 1 | m | 41 | 40 | 4 | – | – | 2 | 5 | 5 | – | – | – | 1 |
| | Manston | 39.1 | -6 | SSW | 2 | m | 43 | 40 | 4 | – | 7 | 2 | 7 | 5 | 4 | – | – | 1 |
| | North Weald | 38.9 | -2 | SSW | 1 | cf | 41 | 35 | 3 | – | 7 | 7 | 7 | 2 | 7 | 150 | – | 1 |
| 2 | Felixstowe | 38.5 | -4 | S | 3 | m | 42 | 40 | 4 | – | 1 | – | 5 | 5 | – | – | – | 0 |
| | Gorleston | 36.9 | -10 | SSW | 2 | 2o | 44 | 35 | 6 | 5 | – | – | 4 | 4 | – | 25 | – | 0 |
| | Mildenhall | 37.5 | -6 | SW'S | 2 | 2o | 46 | 38 | 6 | – | 4 | 7 | 6 | 2 | 6 | – | – | 0 |
| | Bircham Newton | 36.7 | -10 | SW | 4 | 2o | 45 | 38 | 6 | 5 | 7 | – | 6 | 3 | 4 | 50 | – | 0 |
| | Cranwell | 36.0 | -8 | SW | 3 | 2o | 43 | 39 | 5 | 4 | 4 | – | 4 | 4 | 2 | 50 | – | 1 |
| 3 | Cranfield | 37.4 | -10 | SW | 2 | 2o | 45 | 39 | 6 | – | – | 6 | 5 | 5 | – | 200 | – | 1 |
| | Honiley | 36.7 | -10 | S | 3 | 2o | 44 | 37 | 6 | – | – | 2 | 4 | 4 | – | – | – | 1 |
| 4 | Little Rissington | 37.5 | -2 | WSW | 3 | 2o | 42 | 34 | 6 | – | – | 2 | 5 | – | 5 | – | – | 1 |
| | Shobden | 36.9 | -10 | SSW | 2 | b-bc | 45 | 40 | 7 | – | – | 8 | 3 | 3 | – | – | – | 0 |
| 5 | Bristol | 38.1 | -6 | WNW | 1 | 2o | 45 | 40 | 5 | – | – | 6 | 5 | 5 | – | 200 | – | 1 |
| | Chivenor | 38.0 | -10 | – | 0 | bc | 40 | 37 | 8 | – | – | 5 | 4 | 4 | – | – | – | 1 |
| | Yeovilton | 38.3 | -6 | SSW | 1 | 2o | 45 | 40 | 6 | – | – | 2 | 5 | – | 5 | – | – | 0 |
| | Portland Bill | 39.1 | -16 | E | 3 | c | 45 | 41 | 8 | 2 | 4 | – | 6 | 4 | 6 | 50 | 72 | 1 |
| | Exeter | 38.6 | -4 | SSE | 2 | 2o | 44 | 41 | 6 | – | – | 1 | 3 | 3 | – | – | – | 1 |
| | Plymouth | 39.4 | -4 | WSW | 2 | b-bc | 44 | 42 | 7 | 5 | – | 2 | 3 | 3 | 3 | 25 | – | 1 |
| | St. Eval | 38.4 | -6 | – | 0 | bc | 44 | 39 | 8 | 5 | – | 4 | 4 | 2 | 4 | 15 | – | 1 |
| | The Lizard | 37.6 | -10 | – | 0 | bc | 47 | 45 | 7 | 1 | 4 | – | 4 | 4 | 2 | 25 | 40 | 0 |
| | Scilly, St. Marys | 37.6 | -14 | SSW | 3 | bc | 48 | 43 | 8 | 1 | – | 1 | 4 | 3 | 3 | 24 | – | 1 |
| | Fairwood | 38.2 | -10 | SSW | 1 | 2o | 42 | 39 | 6 | – | – | 1 | 4 | 4 | – | – | – | 1 |
| 6 | Pembroke | 37.7 | -14 | S | 3 | c-bc | 45 | 43 | 7 | 5 | – | – | 5 | 5 | – | 20 | – | 1 |
| | Aberporth | 37.2 | -10 | SSW | 3 | bc | 42 | 38 | 8 | 1 | 7 | 2 | 4 | 1 | 2 | 35 | – | 1 |
| 7 | Penrhos | 35.2 | -20 | SSW | 4 | c | 45 | 41 | 8 | 5 | 7 | – | 7 | 4 | 5 | 15 | 40 | 0 |
| | Holyhead, Valley | 35.5 | -6 | SSW | 6 | c | 45 | 42 | 8 | 5 | 7 | 1 | 8 | 5 | 8 | 30 | – | 0 |
| | Hawarden | 35.3 | -12 | SW | 3 | b-bc | 47 | 33 | 8 | – | – | 2 | 3 | – | 3 | – | – | 0 |
| 8 | Manchester | 35.1 | -12 | SW | 3 | bc | 44 | 33 | 7 | – | 4 | 1 | 4 | 3 | 2 | 100 | – | 0 |
| | Squires Gate | 34.7 | -22 | WSW | 4 | 2o | 44 | 38 | 6 | – | 4 | 9 | 3 | 1 | 3 | 100 | – | 0 |
| | Silloth | 31.4 | -14 | SSW | 8 | c-bc | 44 | 40 | 8 | 5 | – | 1 | 5 | 5 | 1 | 7 | – | 0 |
| 9 | Ashbourne | 36.6 | -10 | SSW | 2 | b-bc | 42 | 34 | 7 | – | 3 | 4 | 3 | 2 | 3 | 100 | – | 1 |
| | Snaith | 35.1 | -14 | SSW | 2 | 2o | 46 | 36 | 5 | – | 4 | 1 | 3 | 1 | 3 | 100 | – | 0 |
| 10 | Spurn Head | 35.4 | -14 | SW'S | 4 | 2o | 55 | 35 | 6 | 7 | 7 | – | 4 | 3 | 3 | – | 57 | 0 |
| | Leeming | 33.3 | -10 | SSE | 2 | 2o | 45 | 38 | 5 | – | 4 | 1 | 3 | 1 | 3 | – | – | 1 |
| | Tynemouth | 31.2 | -12 | SW | 4 | 2o | 46 | 41 | 6 | 2 | – | – | 3 | 3 | – | 16 | – | 0 |
| | Acklington | 29.9 | -12 | SW | 4 | bc | 47 | 38 | 7 | 4 | 4 | 2 | 4 | 1 | 1 | 30 | – | 0 |
| 11 | St. Abb's Head | 27.2 | -6 | SW | 4 | b-bc | 44 | 37 | 8 | 4 | 4 | 5 | 3 | 2 | 1 | 30 | – | 0 |
| | Leuchars | 26.9 | -2 | SW | 6 | c-bc | 47 | 43 | 7 | 5 | 3 | – | 5 | 4 | 4 | 30 | – | 1 |
| | Montrose | 25.7 | -2 | SSW | 2 | c-bc | 47 | 39 | 8 | 5 | 4 | 8 | 5 | 4 | 3 | 30 | – | 0 |
| 12 | Abbotsinch | 28.4 | -10 | SSW | 2 | c | 47 | 42 | 7 | 5 | – | – | 7 | 5 | 3 | 14 | 15 | 1 |
| | Prestwick | 29.3 | -10 | SW | 4 | c | 48 | 40 | 7 | 5 | 7 | – | 6 | 5 | 4 | 25 | – | 1 |
| | West Freugh | 30.1 | -14 | SSW | 3 | c | 46 | 43 | 7 | 5 | 5 | – | 7 | 1 | 5 | 20 | 40 | 0 |
| | Eskdalemuir | 30.6 | 0 | SSW | 3 | 2o | 41 | 40 | 6 | 5 | – | – | 8 | 8 | – | 2 | – | 1 |
| | Jurby, I. of Man | 32.0 | -12 | SSW | 5 | b-bc | 45 | 42 | * | 5 | 7 | 1 | 3 | 1 | 2 | 15 | – | 0 |
| 13A | Machrihanish | 28.1 | -18 | S'E | 3 | c | 49 | 41 | 7 | 5 | 7 | – | 7 | 4 | 5 | 25 | 40 | 0 |
| | Tiree | 23.2 | -22 | SSW | 5 | 2o | 48 | 45 | 6 | 5 | – | – | 8 | 4 | 8 | 6 | 15 | 1 |
| | Oban | 25.6 | -26 | SSW | 4 | id. | 48 | 42 | 8 | 5 | 7 | – | 8 | 3 | 8 | 20 | – | 1 |
| 13B | Stornoway | 15.0 | -32 | SSW | 8 | dd | 46 | 46 | 5 | 6 | 2 | – | 8 | 5 | 8 | 3 | 4 | 1 |
| | Cape Wrath | 12.7 | -22 | SW | 6 | ir | 45 | 45 | 6 | 5 | 2 | – | 8 | 6 | – | 8 | – | 1 |
| 15 | Dalwhinnie | 24.0 | -12 | SW | 5 | c | 41 | 39 | 7 | 5 | – | – | 7 | 7 | – | 20 | – | 1 |
| | Aberdeen | 25.4 | -8 | SSE | 3 | 2o | 47 | 39 | 6 | 5 | 9 | – | 4 | 1 | 4 | 40 | – | 1 |
| | Fraserburgh | 22.6 | -8 | S'W | 3 | b-bc | 44 | 42 | 8 | 5 | – | – | 3 | 3 | – | 40 | – | 1 |
| | Alness | 20.9 | -14 | WSW | 7 | c-bc | 46 | 42 | 8 | 5 | 3 | 1 | 5 | 4 | 4 | 30 | – | 1 |
| | Wick | 18.5 | -16 | SSW | 5 | bc | 45 | 40 | 9 | 5 | 4 | 2 | 4 | 1 | 3 | 7 | 40 | 1 |
| 16 | Hatston | 16.4 | -20 | SW | 5 | c | 49 | 45 | 7 | 5 | 3 | 2 | 6 | 4 | 4 | 25 | – | 1 |
| | Sumburgh | 15.3 | -16 | SW | 5 | 2o | 46 | 45 | 6 | 5 | 2 | – | 8 | 6 | 8 | 8 | 15 | 1 |
| | Sullom Voe | 13.0 | -18 | SW'S | 6 | 2o | 48 | 44 | 6 | 6 | – | – | 7 | 7 | – | 6 | – | 1 |
| 17 | Blacksod Point † | 27.3 | -6 | SSW | 6 | Dr | 49 | 48 | 5 | – | 2 | – | 8 | 8 | – | 4 | – | 2 |
| 18 | Malin Head † | 23.9 | -26 | S | 5 | c-bc | 50 | 46 | 5 | – | – | – | 5 | 5 | – | 15 | – | 1 |
| | Aldergrove | 29.6 | -16 | SSW | 5 | c | 50 | 42 | 7 | 5 | – | – | 8 | 5 | 8 | 18 | 40 | 1 |
| | Cas. Archdale | 28.7 | -18 | SSW | 6 | c | 50 | 46 | 8 | 5 | 7 | – | 8 | 1 | 6 | 8 | 15 | 1 |
| 19 | Birr Castle † | 31.2 | -14 | SSW | 3 | c | 50 | 46 | 8 | 5 | 1 | – | 7 | 5 | – | 25 | – | 1 |
| | Collinstown † | 32.4 | -6 | SSW | 4 | c | 47 | 40 | 8 | 5 | 4 | 2 | 6 | 5 | – | 23 | – | 1 |
| 20 | Foynes † | 32.2 | -16 | S | 4 | c | 54 | 50 | 8 | 5 | 4 | – | 7 | 6 | – | 23 | – | 1 |
| | Valentia † | 32.4 | -2 | S | 4 | id. | 51 | 50 | 6 | 5 | – | – | 8 | 8 | – | 4 | – | 1 |
| | Roches Point † | 34.4 | -14 | SW'S | 4 | dd | 48 | 47 | 6 | 5 | – | – | 8 | 8 | – | 4 | – | 1 |

## OBSERVATIONS during DAY

| Stations | Weather. 06h.-12h. (34) | Weather. 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | F f c m o | c b c z o | 50 | 4.2 | – |
| Croydon | b c m c m o | c z o y | 53 | 5.2 | – |
| Boscombe Down | c m o | b c m o | 51 | 2.5 | – |
| Thorney Island | b m o b c f x c m o | b c z o c m o e | 51 | * | – |
| Friston | | | | | |
| Lympne | b b c c m o | c z o m o | 48 | 4.7 | – |
| Manston | b c m c z | c z o m | 49 | 4.1 | – |
| North Weald | b c m x b c z | b c z o c z | 50 | * | – |
| Felixstowe | c m w c | c m o c z o | 51 | 3.3 | – |
| Gorleston | b c z o c z o | c b c z o | 49 | 3.7 | – |
| Mildenhall | b c m x b c m | b c m o c m o | 52 | 4.7 | Tr |
| Bircham Newton | b f b c m o | b c z o c z o | 49 | 3.2 | – |
| Cranwell | b b c m c b c m o | b c c z o m o | 49 | 2.2 | – |
| Cranfield | b c m o f g c m o x | b c m o c m o | 49 | * | – |
| Honiley | c z o c | c | 48 | 1.9 | – |
| Little Rissington | b c m o c m o | c z o | 48 | * | – |
| Shobden | b c x c m o f g c | c b c y b c | 52 | * | – |
| Bristol | c m x c m o | c z o b c m o | 53 | 4.6 | – |
| Chivenor | b f f f c m o | c b c y b c | 52 | 7.3 | – |
| Yeovilton | b m f f b c z | c z | 53 | * | – |
| Portland Bill | c | b c | 48 | * | – |
| Exeter | b c c m o | b c y b z o m o | 53 | 6.8 | – |
| Plymouth | b c m o x c m | b c | 50 | 7.1 | Tr |
| St. Eval | b c m o j f x | | 50 | 8.6 | – |
| The Lizard | b c | b c | 52 | 9.0 | – |
| Scilly, St. Marys | b c c | b c | 52 | 9.5 | – |
| Fairwood | c m f c m | b c z o | 48 | * | – |
| Pembroke | c | b c c | 47 | 6.0 | – |
| Aberporth | c | c b c | 48 | 6.7 | – |
| Penrhos | b w c | b b c | 48 | 5.8 | – |
| Holyhead, Valley | b c c | b c c | 48 | * | – |
| Hawarden | c m o c | b c b c y b y | 54 | 6.7 | – |
| Manchester | c m m o | c z o b c | 51 | * | – |
| Squires Gate | c z b c z o | b c z b c b b c z o | 50 | * | – |
| Silloth | b c c | c b c c | 48 | * | – |
| Ashbourne | b c f f x b c m x | c z o c y | 49 | * | – |
| Snaith | b c f c m | c m c z o | 51 | 0.9 | – |
| Spurn Head | c m o | b c z o | 48 | 2.2 | – |
| Leeming | b c m o c m o | c b c m o | 52 | 5.6 | – |
| Tynemouth | c m o | b c m o | 52 | * | – |
| Acklington | b c b c m o | c y b c | 53 | * | – |
| St. Abb's Head | b c c | b c b | 47 | * | – |
| Leuchars | c m o c c m o | c m o b c | 51 | 2.3 | – |
| Montrose | c | c b c c | 51 | 1.7 | – |
| Abbotsinch | c | b c m o c | 49 | 3.9 | Tr |
| Prestwick | c | b c y c | 53 | * | Tr |
| West Freugh | c c r o c | b c c | 49 | * | Tr |
| Eskdalemuir | c | c b c c | 46 | 0.9 | 0.2 |
| Jurby, I. of Man | c | c b c b b c | 50 | * | – |
| Machrihanish | c i r c b c | b c c | 51 | * | Tr |
| Tiree | c c m o | c m o | 51 | 0.0 | 0.1 |
| Oban | c i d o c | c | 49 | * | * |
| Stornoway | c r | c d d m o | 51 | 0.0 | 2 |
| Cape Wrath | c r r c p r o | c i r | 47 | * | 5 |
| Dalwhinnie | c i r o i d | c i r o | 44 | 1.2 | 0.1 |
| Aberdeen | c q | c q b c m o | 51 | 1.7 | – |
| Fraserburgh | c c i r o c | c y b c | 53 | 3.1 | – |
| Alness | c i r o c | b c c | 52 | 1.7 | – |
| Wick | c r o r o c | c b c | 51 | 0.7 | 0.3 |
| Hatston | c r r d | i d c b c c | 51 | * | 6 |
| Sumburgh | c m o r o r o | r o m o c | 48 | 0.0 | 2 |
| Sullom Voe | c d d r r m o | c d d o m o c | 48 | * | 4 |
| Blacksod Point | r | d | 50 | * | 1 |
| Malin Head | r | c | 50 | 4.6 | – |
| Aldergrove | c b c | b c c | 51 | 6.7 | – |
| Cas. Archdale | b c c | c | 51 | * | Tr |
| Birr Castle | b c | c | 53 | 6.7 | – |
| Collinstown | b c | b c | 54 | 8.2 | – |
| Foynes | b c | c | 57 | 4.9 | – |
| Valentia | c | d | 52 | 0.0 | 2 |
| Roches Point | c | d | 50 | * | 0.6 |

* Information not usually received.

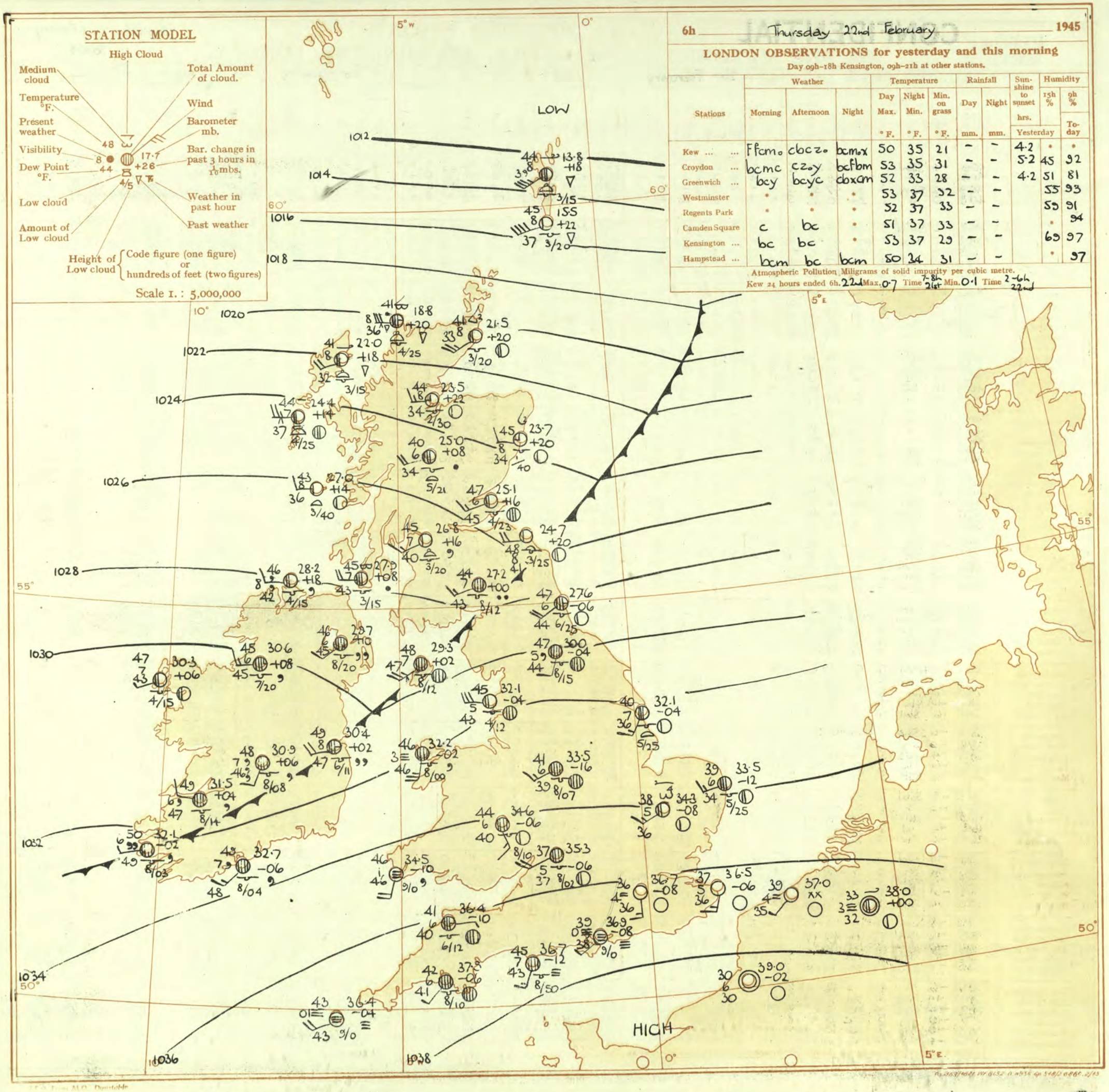
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

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.

‡ See footnote p. 4.

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




6h Thursday 22nd February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... ... | Ffcm0 | cbcz0 | bcm0x | 50 | 35 | 21 | – | – | 4·2 | • | • |
| Croydon ... | bcmc | cz0y | bcfbm | 53 | 35 | 31 | – | – | 5·2 | 45 | 92 |
| Greenwich ... | bcy | bcyc | cbxcm | 52 | 33 | 28 | – | – | 4·2 | 51 | 81 |
| Westminster | • | • | • | 53 | 37 | 32 | – | – | | 55 | 93 |
| Regents Park | • | • | • | 52 | 37 | 33 | – | – | | 55 | 91 |
| Camden Square | c | bc | • | 51 | 37 | 33 | – | – | | • | 94 |
| Kensington ... | bc | bc | • | 53 | 37 | 29 | – | – | | 69 | 97 |
| Hampstead ... | bcm | bc | bcm | 50 | 34 | 31 | – | – | | • | 97 |

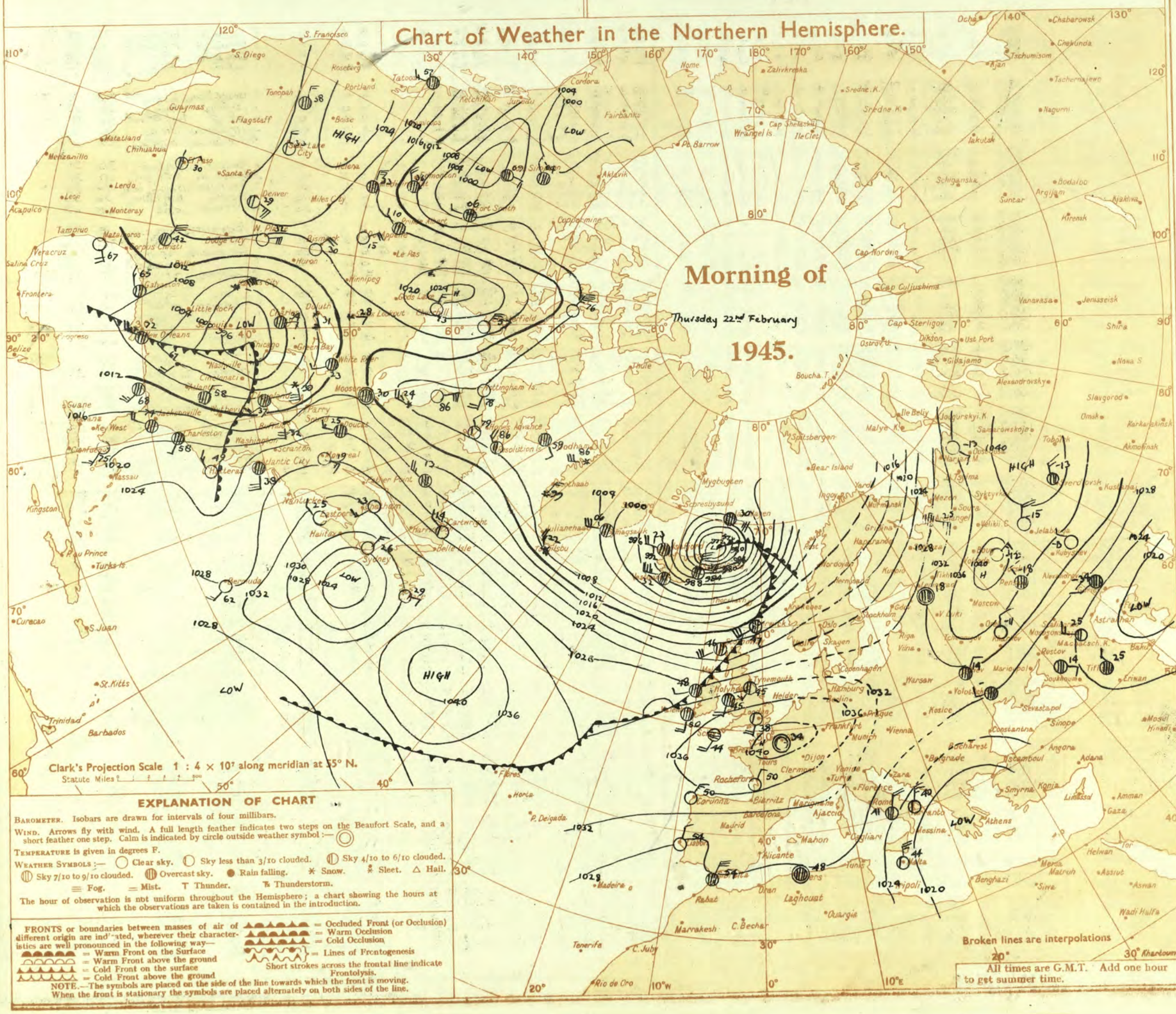
Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 22nd Max. 0·7 Time 7–8h 21st Min. 0·1 Time 2–6h 22nd

## GENERAL INFERENCE

A trough from S. Scotland to S. Ireland will move slowly or steadily SE and weaken. It will be cloudy with local drizzle near the trough and also in Western districts of England. Elsewhere it will be mainly fair with good bright periods though local showers will occur in the North. Some fog is likely in S. and SE England tonight, clearing tomorrow. Rather cold in North, mild in South.

## FURTHER OUTLOOK

Mainly fair, bright except possibly SE at first. Some showers in N.W.




## 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.

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.

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 22nd February 1945

No. 30408

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

| 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 | | * | * | * | * | 37 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 38.7 | -2 | S | 4 | m/f | 38 | 37 | 4 | - | - | 8 | 3 | 3 | - | - | - |
| | Boscombe Down | 417 | 38.1 | -4 | - | 0 | bF | 31 | 31 | 0 | - | - | - | 9 | 9 | 0 | - | - |
| | Thorney Island | 10 | 38.7 | 0 | - | 0 | F | 38 | 38 | 0 | - | - | - | 9 | 9 | - | 0 | - |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 38.9 | -4 | WSW | 1 | m/f | 38 | 38 | 4 | 5 | - | 6 | 6 | 3 | 5 | 40 | - |
| | Manston | 140 | 38.1 | -6 | SSW | 3 | m | 39 | 38 | 4 | - | 7 | 7 | 8 | 4 | 8 | - | - |
| 2 | North Weald | 244 | 37.8 | -4 | SW/S | 3 | bcf | 39 | 36 | 2 | - | - | 1 | 4 | 4 | - | - | - |
| | Felixstowe | 10 | 37.0 | -8 | SW | 2 | m | 38 | 36 | 4 | - | 1 | - | 2 | 2 | - | - | - |
| | Gorleston | 5 | 35.7 | -2 | SW | 3 | z0 | 42 | 38 | 6 | - | 4 | - | 4 | 4 | - | 70 | - |
| | Mildenhall | 15 | 36.3 | -6 | SW'W | 4 | z0 | 42 | 37 | 5 | - | - | 2 | 2 | 2 | - | - | - |
| | Bircham Newton | 221 | 35.4 | -6 | SW | 4 | z0 | 40 | 36 | 5 | - | - | - | 0 | 0 | 0 | - | - |
| | Cranwell | 203 | 34.2 | -14 | WSW | 3 | z0 | 39 | 34 | 6 | - | 3 | - | 2 | 2 | - | - | - |
| 3 | Cranfield | 340 | 36.7 | -4 | WSW | 3 | z0 | 38 | 35 | 6 | - | - | - | 3 | 3 | - | 200 | - |
| | Honiley | 427 | 36.1 | -10 | SW | 3 | b | 36 | 31 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| 4 | Little Rissington | 731 | 36.9 | -6 | WSW | 3 | z0 | 38 | 32 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Shobden | 318 | 36.9 | -6 | SSW | 1 | b | 38 | 33 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| 5 | Bristol | 209 | 37.8 | -6 | SSW | 1 | z0 | 37 | 35 | 5 | - | 3 | - | 1 | 1 | 1 | - | - |
| | Chivenor | 20 | 38.2 | -2 | ESE | 2 | z0 | 38 | 37 | 6 | 5 | - | - | 3 | 3 | - | 10 | - |
| | Yeovilton | 50 | 38.3 | -2 | - | 0 | m | 35 | 34 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Portland Bill | 32 | 38.3 | -4 | SSW | 2 | b-bc | 45 | 43 | 8 | 2 | - | - | 3 | 3 | - | 50 | - |
| | Exeter | 100 | 38.7 | 0 | - | 0 | bF+ | 32 | 31 | 1 | - | - | - | 0 | 0 | 0 | - | - |
| | Plymouth | 86 | 39.0 | -2 | NE | 1 | bcf | 39 | 39 | 4 | 5 | - | - | 4 | 4 | - | 8 | - |
| | St. Eval | 345 | 38.0 | -10 | SSW | 3 | bcf | 39 | 38 | 6 | 5 | 7 | - | 3 | 3 | 4 | 20 | - |
| | The Lizard | 240 | 37.6 | -2 | WS | 2 | fg | 44 | 43 | 6 | 5 | - | - | 5 | 5 | - | 25 | - |
| | Scilly, St. Marys | 163 | 37.9 | -4 | SSW | 4 | F+ | 44 | 42 | 0 | - | - | - | 9 | 9 | - | 0 | - |
| 6 | Fairwood | 268 | 38.1 | -6 | SWS | 3 | z0 | 43 | 42 | 6 | 5 | 7 | - | 8 | 3 | 5 | 6 | 15 |
| | Pembroke | 142 | 36.5 | -8 | SSW | 4 | c | 45 | 43 | 7 | 5 | - | 5 | 7 | 7 | - | 25 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 35.2 | -6 | SSW | 4 | id0 | 44 | 44 | 6 | 5 | - | - | 8 | 8 | - | 1 | - |
| | Holyhead, Valley | 32 | 34.1 | -6 | SSW | 5 | df | 45 | 45 | 3 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Hawarden | 15 | 33.9 | +14 | SE | 2 | c | 44 | 41 | 8 | 5 | 7 | - | 7 | 1 | 7 | 20 | - |
| 8 | Manchester | 230 | 33.7 | -12 | SW | 4 | ebc | 38 | 35 | 7 | - | 3 | - | 5 | 5 | - | 150 | - |
| | Squires Gate | 30 | 33.3 | +12 | SWS | 3 | z0 | 43 | 41 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Silloth | 25 | 29.8 | -6 | SSW | 6 | c/r | 45 | 43 | 7 | 5 | - | - | 8 | 4 | 3 | 8 | 15 |
| 9 | Ashbourne | 590 | 35.1 | -12 | WSW | 3 | z0 | 37 | 31 | 5 | - | 3 | - | 4 | 4 | - | 30 | - |
| | Snaith | 30 | 33.5 | -6 | WSW | 3 | z0 | 43 | 32 | 5 | - | 3 | 1 | 5 | 4 | 2 | 150 | - |
| 10 | Spurn Head | 29 | 33.5 | -12 | SWS | 4 | z0 | 41 | 36 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Leeming | 105 | 31.7 | -8 | SW | 1 | c | 41 | 34 | 7 | 5 | 3 | - | 7 | 5 | 3 | 45 | - |
| | Tynemouth | 108 | 29.5 | -6 | SW | 3 | z0 | 45 | 41 | 6 | 2 | 3 | - | 4 | 3 | 3 | 25 | - |
| | Acklington | 138 | 27.7 | -20 | SW | 5 | ebc | 46 | 41 | 7 | 5 | 3 | - | 5 | 3 | 3 | 25 | 57 |
| 11 | St. Abb's Head | 280 | 22.6 | -20 | WSW | 7 | c | 45 | 40 | 8 | 4 | 7 | - | 8 | 3 | 5 | 25 | - |
| | Leuchars | 31 | 23.2 | -18 | SW | 4 | c | 49 | 47 | 7 | 5 | 7 | - | 7 | 6 | 7 | 13 | - |
| | Montrose | 22 | 23.7 | -2 | W | 6 | ebc | 48 | 44 | 7 | 5 | 7 | - | 5 | 3 | 5 | 25 | - |
| 12 | Abbotsinch | 19 | 25.0 | -16 | SSW | 5 | roro | 48 | 46 | 5 | 5 | - | - | 8 | 8 | - | 14 | - |
| | Prestwick | 30 | 26.9 | -12 | SSW | 4 | c | 50 | 45 | 7 | 5 | 7 | - | 8 | 2 | 7 | 14 | 15 |
| | West Freugh | 53 | 28.2 | -10 | SSW | 5 | c | 47 | 45 | 7 | 5 | 7 | - | 8 | 4 | 7 | 5 | 15 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 29.9 | -4 | SWS | 6 | c | 48 | 45 | 7 | 5 | 7 | - | 8 | 2 | 6 | 10 | 15 |
| 13A | Machrihanish | 35 | 26.4 | -6 | SW | 6 | c | 51 | 47 | 6 | 5 | 7 | - | 8 | 4 | 8 | 8 | 25 |
| | Tiree | 44 | 23.4 | +14 | SWW | 4 | c/r | 48 | 46 | 7 | 2 | - | - | 8 | 8 | - | 15 | - |
| | Oban | 74 | 24.5 | -2 | SW | 5 | roro | 47 | 46 | 6 | 6 | 2 | - | 8 | 6 | 8 | 8 | 15 |
| 13B | Stornoway | 12 | 17.6 | +22 | WSW | 6 | ebc/r | 46 | 40 | 8 | 8 | - | - | 5 | 3 | 4 | 20 | 40 |
| | Cape Wrath | 367 | 16.3 | -4 | SW | 6 | ebc | 45 | 40 | 8 | 5 | 4 | - | 4 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | | | | | | | | | | | |
| | Fraserburgh | 76 | 19.4 | -18 | WSW | 5 | c | 50 (48) | 42 | 8 | 5 | 7 | - | 7 | 4 | 7 | 25 | - |
| | Alness | 63 | 18.8 | -2 | WSW | 6 | c/r | 51 | 44 | 8 | 5 | - | - | 7 | 4 | 7 | 20 | 40 |
| | Wick | 114 | 17.5 | +12 | SSW | 5 | c/r | 46 | 45 | 8 | 5 | 7 | - | 8 | 4 | 8 | 20 | - |
| 16 | Hatston | 45 | 15.6 | +10 | WSW | 7 | ebc/r | 49 | 42 | 6 | 5 | 2 | - | 5 | 4 | 5 | 15 | - |
| | Sumburgh | 15 | 12.1 | -10 | WSW | 8 | c/r | 47 | 45 | 7 | 5 | 7 | - | 7 | 1 | 7 | 20 | - |
| | Sullom Voe | 12 | 10.4 | -2 | SW | 8 | c/r | 47 | 43 | 7 | 5 | 2 | 7 | 6 | 3 | 4 | 18 | - |
| 17 | Blacksod Point † | 18 | 28.6 | +14 | SWW | 2 | dd | 48 | 47 | 5 | - | 2 | - | 8 | 8 | - | 4 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 28.6 | -6 | SSW | 3 | c | 50 | 47 | 7 | 5 | - | - | 8 | 4 | 8 | 10 | 15 |
| | Cas. Archdale | 240 | 28.3 | -6 | SSW | 4 | i6 | 48 | 48 | 6 | 6 | 2 | - | 8 | 3 | 8 | 6 | 15 |
| 19 | Birr Castle † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 31.3 | -6 | SW | 4 | c | 50 | 45 | 8 | 5 | - | - | 7 | 7 | - | 12 | - |
| 20 | Foynes † | 3 | 31.6 | -2 | SSW | 4 | id0 | 52 | 47 | 7 | 5 | - | - | 7 | 7 | - | 16 | - |
| | Valentia † | 30 | 32.9 | -2 | SW | 4 | dodo | 50 | 49 | 6 | 5 | - | - | 8 | 8 | - | 5 | - |
| | Roches Point † | 22 | 33.8 | -4 | SWS | 4 | dd | 49 | 48 | 6 | 5 | - | - | 8 | 8 | - | 4 | - |

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

| Stations | Barom. at M.S.L. mb. (17) | Change in 3 hours (18) | Wind Direc. (19) | 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) | 9 h. State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 36.7 | -10 | WSW | 1 | m | 38 | 38 | 4 | 5 | - | - | 8 | 8 | - | 21 | - | 1 |
| Croydon | 36.7 | -8 | S | 3 | m | 36 | 36 | 4 | - | - | - | 0 | 0 | - | - | - | 1 |
| Boscombe Down | 37.0 | -2 | - | 0 | F | 29 | 29 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Thorney Island | 36.9 | -8 | SW | 1 | dF | 39 | 38 | 0 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 38.3 | +4 | WS | 1 | F | 35 | 35 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Manston | 36.5 | -6 | SSW | 3 | z0 | 37 | 36 | 5 | - | - | - | 0 | 0 | - | - | - | 1 |
| North Weald | 35.9 | -8 | SSW | 3 | F | 35 | 35 | 0 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Felixstowe | 34.5 | -18 | SW | 3 | m | 39 | 38 | 4 | - | - | - | 2 | 2 | - | 80 | - | 0 |
| Gorleston | 33.5 | -12 | WSW | 3 | z0 | 39 | 34 | 6 | 5 | - | - | 5 | 3 | - | 25 | - | 0 |
| Mildenhall | 34.3 | -8 | SW | 3 | z0 | 38 | 36 | 5 | - | 3 | 5 | 4 | 3 | 4 | - | - | 1 |
| Bircham Newton | 33.7 | -2 | SW | 4 | z0 | 39 | 34 | 6 | 5 | - | - | 5 | 5 | - | 11 | - | 0 |
| Cranwell | 32.3 | -10 | SW | 4 | z0 | 41 | 39 | 5 | 5 | - | - | 4 | 4 | - | 10 | - | 1 |
| Cranfield | 34.8 | -6 | WSW | 3 | z0 | 36 | 34 | 5 | - | 4 | - | 4 | 4 | - | 100 | - | 1 |
| Honiley | 34.6 | -6 | SW | 3 | bc | 38 | 36 | 7 | 5 | 7 | - | 4 | 3 | 3 | 20 | - | 0 |
| Little Rissington | 35.3 | -6 | WSW | 4 | z0 | 37 | 37 | 5 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Shobden | 34.6 | -6 | SSE | 3 | z0 | 44 | 40 | 6 | 5 | - | - | 8 | 5 | 8 | 10 | 15 | 0 |
| Bristol | 36.2 | -6 | - | 0 | z0 | 40 | 39 | 5 | 5 | 7 | 6 | 6 | 4 | 3 | 20 | - | 1 |
| Chivenor | 36.4 | -10 | E | 1 | z0 | 41 | 40 | 6 | 5 | - | - | 6 | 6 | - | 12 | - | 1 |
| Yeovilton | 37.0 | -4 | - | 0 | dF | 33 | 33 | 2 | 5 | - | - | 8 | 8 | - | 1 | - | 0 |
| Portland Bill | 36.7 | -12 | SSW | 3 | c | 45 | 43 | 7 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| Exeter | 37.3 | -6 | - | 0 | F | 32 | 32 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Plymouth | 37.5 | -6 | SW | 1 | z0 | 42 | 41 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| St. Eval | 36.9 | -6 | SSW | 3 | F | 39 | 39 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| The Lizard | 36.8 | -4 | W | 2 | F | 41 | 41 | 1 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| Scilly, St. Marys | 36.4 | -4 | SWW | 4 | F | 43 | 43 | 0 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Fairwood | 35.9 | -16 | SW | 3 | F | 43 | 43 | 1 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| Pembroke | 34.5 | -10 | SSW | 4 | F | 46 | 46 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Aberporth | 34.1 | -4 | SW'S | 4 | id0 | 45 | 45 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Penrhos | 33.0 | -6 | SSW | 4 | d0d0 | 46 | 46 | 5 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Holyhead, Valley | 32.2 | -2 | SSW | 5 | cf | 46 | 46 | 3 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| Hawarden | 31.9 | -8 | W | 2 | bc | 48 | 45 | 8 | 5 | - | 4 | 4 | 4 | - | 19 | - | 0 |
| Manchester | 31.7 | -6 | S | 4 | c | 43 | 40 | 7 | 5 | 2 | - | 8 | 5 | 8 | 13 | - | 0 |
| Squires Gate | 32.1 | -4 | - | 6 | z0 | 45 | 4 | 5 | 5 | - | - | 4 | 4 | - | 12 | - | 1 |
| Silloth | 28.4 | -2 | SW | 6 | d0d0 | 48 | 47 | 5 | 6 | 2 | - | 8 | 5 | 8 | 2 | 5 | 1 |
| Ashbourne | 33.5 | -16 | WSW | 3 | z0 | 41 | 39 | 6 | 5 | - | - | 8 | 8 | - | 7 | - | 1 |
| Snaith | 31.6 | -6 | SSW | 2 | z0 | 43 | 40 | 5 | 5 | - | - | 8 | 8 | - | 23 | - | 0 |
| Spurn Head | 32.1 | -4 | SWS | 3 | z0 | 40 | 36 | 7 | 7 | - | - | 5 | 5 | - | 25 | - | 0 |
| Leeming | 30.0 | -4 | SSW | 2 | id0 | 47 | 44 | 5 | 5 | - | - | 8 | 8 | - | 15 | - | |
| Tynemouth | 27.6 | -6 | SW | 4 | z0 | 47 | 44 | 6 | 5 | - | - | 6 | 6 | - | 25 | - | 0 |
| Acklington | 26.0 | +2 | SW | 6 | z0 | 49 | 45 | 6 | 5 | 7 | - | 4 | 4 | 4 | 25 | - | 0 |
| St. Abb's Head | 24.7 | +20 | W | 4 | b-bc | 48 | 41 | 8 | 4 | - | - | 3 | 3 | - | 25 | - | 0 |
| Leuchars | 25.1 | +16 | WSW | 3 | bc | 47 | 43 | 6 | 5 | - | - | 4 | 4 | - | 23 | 25 | 1 |
| Montrose | 25.0 | -10 | SW | 3 | b-bc | 47 | 43 | 7 | 5 | - | - | 3 | 3 | - | 25 | - | 0 |
| Abbotsinch | 26.8 | +16 | SW'W | 3 | b-bc | 45 | 40 | 7 | 8 | - | - | 3 | 3 | - | 20 | - | 1 |
| Prestwick | 27.9 | +10 | WSW | 3 | c-bc | 45 | 44 | 6 | 5 | 7 | - | 5 | 3 | 5 | 30 | 72 | 1 |
| West Freugh | 28.7 | +10 | WNW | 2 | c | 46 | 46 | 7 | 5 | - | - | 8 | 5 | 1 | 27 | 40 | 1 |
| Eskdalemuir | 27.2 | 0 | WSW | 3 | c/r | 44 | 43 | 7 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| Jurby, I. of Man | 29.3 | +2 | SW | 5 | c | 48 | 47 | 7 | 5 | - | - | 8 | 8 | - | 12 | - | 1 |
| Machrihanish | 27.9 | +8 | W | 4 | c-bc | 45 | 43 | 7 | 5 | 7 | - | 5 | 3 | 4 | 15 | 25 | 1 |
| Tiree | 27.0 | +14 | W | 2 | b-bc | 43 | 36 | 8 | 1 | - | - | 5 | 3 | - | 40 | - | 1 |
| Oban | 27.5 | +22 | SW | 3 | c-bc/pr | 44 | 40 | 8 | 8 | - | - | 5 | 5 | - | 20 | - | 1 |
| Stornoway | 22.0 | +18 | WSW | 4 | bc | 41 | 32 | 8 | 8 | - | 1 | 4 | 1 | 3 | 15 | 25 | 1 |
| Cape Wrath | 18.8 | +20 | W | 6 | pr | 41 | 36 | 8 | 8 | 7 | - | 6 | 4 | - | 25 | - | 1 |
| Dalwhinnie | 25.0 | +8 | WSW | 4 | c-bc | 40 | 34 | 6 | 7 | - | - | 5 | 5 | - | 21 | - | |
| Aberdeen | 23.7 | +20 | W | 2 | b | 45 | 34 | 8 | 5 | 4 | - | 2 | 1 | 2 | 40 | - | 1 |
| Fraserburgh | 23.6 | +38 | NW | 4 | bc | 45 | 37 | 7 | 5 | - | - | 4 | 4 | - | 25 | - | 1 |
| Alness | 23.5 | +22 | W | 3 | b | 44 | 34 | 8 | 5 | - | - | 2 | 2 | - | 30 | - | 1 |
| Wick | 21.5 | +20 | SW | 5 | bc | 41 | 38 | 8 | 5 | 4 | - | 4 | 3 | 2 | 20 | - | 1 |
| Hatston | 18.7 | +16 | W'S | 6 | bc/pr | 43 | 38 | 7 | 8 | - | - | 4 | 4 | - | 20 | - | 1 |
| Sumburgh | 15.5 | +22 | W'S | 8 | b-bc | 45 | 37 | 8 | 5 | - | - | 3 | 3 | - | 20 | - | 1 |
| Sullom Voe | 13.8 | +18 | SW | 7 | c-bc | 44 | 39 | 8 | 8 | - | 2 | 5 | 3 | 4 | 15 | 25 | 1 |
| Blacksod Point † | 30.3 | +6 | WSW | 1 | bc | 47 | 42 | 7 | 5 | - | - | 4 | 4 | - | 15 | - | 1 |
| Malin Head † | 28.2 | +18 | W | 2 | id | 46 | 42 | 8 | 5 | - | - | 4 | 4 | - | 15 | - | 1 |
| Aldergrove | 29.7 | +10 | SW | 2 | c/d | 46 | 45 | 6 | 5 | - | - | 8 | 4 | 8 | 20 | 25 | 1 |
| Cas. Archdale | 30.6 | +8 | W | 3 | z0 | 45 | 45 | 6 | 5 | - | - | 7 | 7 | - | 20 | - | 1 |
| Birr Castle † | 30.9 | +6 | SSW | 2 | DR | 49 | 46 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| Collinstown † | 30.4 | +2 | WSW | 4 | c/d | 49 | 47 | 8 | 5 | - | - | 6 | 6 | - | 11 | - | 1 |
| Foynes † | 31.5 | +4 | W'N | 2 | id0 | 49 | 47 | 6 | 5 | - | - | 8 | 8 | - | 14 | - | 1 |
| Valentia † | 32.1 | -2 | WSW | 1 | d0d0 | 50 | 49 | 6 | 5 | - | - | 8 | 8 | - | 3 | - | 1 |
| Roches Point † | 32.7 | -6 | SW'S | 3 | id0 | 49 | 48 | 7 | 5 | - | - | 4 | 4 | - | 15 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | bcm0x | bcxcmw | 35 | 21 | - |
| Croydon | cm0bcf | bf bmbfm | 36 | 31 | - |
| Boscombe Down | cm0bFe | bFx | 26 | 25 | |
| Thorney Island | ofF | Fid0 | 32 | - | Tr |
| Friston | | | | | |
| Lympne | cm0fFcm | bcm0FF | 34 | 31 | Tr |
| Manston | cmm0 | bm0w | 35 | 33 | - |
| North Weald | docf | bcf bm0F | 34 | 31 | - |
| Felixstowe | cmbcmw | bmw | 36 | 33 | Tr |
| Gorleston | c20bc20 | bz0c20 | 39 | 33 | - |
| Mildenhall | bcz0bcm0 | cmbcm0 | 32 | 31 | - |
| Bircham Newton | cm0bm0 | bcm0cm0 | 37 | 21 | - |
| Cranwell | bcm0bm0 | bmcz0 bcm0 | 36 | 32 | - |
| Cranfield | bcm0 | bm bcm0 | 36 | 33 | - |
| Honiley | bm-b | dbc | 35 | 29 | - |
| Little Rissington | bcm0bm0 | bm cm0 | 35 | 32 | - |
| Shobden | bcb | bbcc | 35 | 26 | - |
| Bristol | bcm0bm0 | bcmcm0 | 34 | 26 | - |
| Chivenor | | cf bbcc | 37 | 33 | Tr |
| Yeovilton | zzmm | ffcf | 37 | 32 | Tr |
| Portland Bill | bc | offc | 45 | | - |
| Exeter | bbm0bf | cFoF | 30 | 24 | Tr |
| Plymouth | | bcmcm0 | 35 | 31 | |
| St. Eval | | bbcm0f | 37 | 32 | 0.2 |
| The Lizard | bcff | ff | 40 | * | 1 |
| Scilly, St. Marys | | oFFE | 42 | * | Tr |
| Fairwood | bFcm0 | cmbbF | 37 | 32 | 2 |
| Pembroke | c | odfoFE | 44 | * | 1 |
| Aberporth | * | cid | 41 | 37 | 0.3 |
| Penrhos | cdodoodo | od0dom0 | 43 | 42 | 0.2 |
| Holyhead, Valley | cdo dof | odod0f | 43 | 43 | Tr |
| Hawarden | bybcc | c | 41 | 30 | - |
| Manchester | bcbbc | c | 37 | 30 | - |
| Squires Gate | bm0cm0 | cbcm0 | 37 | 35 | Tr |
| Silloth | bcm0crorocir0 | ddm0 | 43 | * | 3 |
| Ashbourne | bcm0bz0 | bcz0cm0 | 35 | 27 | - |
| Snaith | bc2c20 | cz0m0 | 37 | 29 | - |
| Spurn Head | bm0 | c | 39 | * | - |
| Leeming | bcz0c | ccm0 | 41 | 37 | 0.1 |
| Tynemouth | bcm0 | cm0 | 43 | 39 | - |
| Acklington | bbc | bccm0 | 43 | 38 | - |
| St. Abb's Head | bbcb | bc | 40 | * | - |
| Leuchars | cbcc | crorom0cm0 | 42 | 37 | Tr |
| Montrose | cdcc | ciroobc | 42 | 37 | Tr |
| Abbotsinch | cerorom0 | | 43 | 37 | 2 |
| Prestwick | crod0doc | cdodom0 | 43 | 40 | 2 |
| West Freugh | ccroc | ccmm0c | 44 | 39 | 1 |
| Eskdalemuir | coirm0c | crrm0 | 39 | 39 | 3 |
| Jurby, I. of Man | ciroc | c | 46 | 45 | Tr |
| Machrihanish | cid | +ridrc | 45 | 41 | 1 |
| Tiree | crorom0c | cbcw | 43 | 39 | 0.5 |
| Oban | cidororom0 | croidprc | 44 | * | * |
| Stornoway | cddm0cpr0 | bccpr0bc | 39 | 33 | 1 |
| Cape Wrath | cirbc | ccpr | 41 | * | 1 |
| Dalwhinnie | * | oirc | 39 | 36 | 1 |
| Aberdeen | | oc | 43 | 34 | - |
| Fraserburgh | bcc | ccirobc | 41 | * | Tr |
| Alness | ccror | bcb | 42 | 32 | 1 |
| Wick | roc | bbc | 38 | 33 | 0.3 |
| Hatston | crrc | cbcpr | 42 | * | 3 |
| Sumburgh | cm0dorc | cpr0bc | 42 | 41 | Tr |
| Sullom Voe | rrirm0c | pr0bcc | 41 | * | 0.5 |
| Blacksod Point † | d | bc | 44 | * | 1 |
| Malin Head † | | pr | 42 | * | 6 |
| Aldergrove | c | c | 44 | 39 | 0.6 |
| Cas. Archdale | cidocir0 | cddcm0 | 43 | 41 | 2 |
| Birr Castle † | | d | 48 | 47 | 1 |
| Collinstown † | c | d | 47 | 44 | Tr |
| Foynes † | d | d | 48 | 47 | 2 |
| Valentia † | d | d | 49 | 48 | 1 |
| Roches Point † | d | bc | 47 | * | 1 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

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

Friday 23rd February 1945

No. 30409

## OBSERVATIONS at 12h. G.M.T. 22nd February.

| 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 ... | 36.2 | -8 | WSW | 2 | 2o | 44 | 39 | 5 | 5 | - | - | 8 | 7 | 8 | 18 | 25 |
| | Croydon ... | 36.4 | -6 | SW | 2 | 2o | 46 | 39 | 5 | 5 | - | - | 8 | 3 | 8 | 35 | 40 |
| | Boscombe Down | 36.6 | -8 | SWW | 2 | 2o | 42 | 42 | 6 | 5 | - | - | 8 | 3 | 8 | 5 | 25 |
| | Thorney Island | 36.9 | -2 | SW | 3 | 2o | 44 | 41 | 6 | 5 | 7 | - | 7 | 5 | 7 | 11 | - |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 36.6 | -6 | WSW | 2 | 2o | 48 | 40 | 6 | - | 4 | 2 | 5 | 1 | 5 | - | - |
| | Manston ... | 35.8 | -8 | SW | 4 | 2o | 48 | 37 | 6 | - | 3 | 6 | 6 | 1 | 6 | - | - |
| 2 | North Weald | 35.6 | -6 | SW | 3 | m | 43 | 39 | 4 | 5 | 7 | - | 7 | 4 | 3 | 20 | - |
| | Felixstowe ... | 34.5 | -12 | W | 2 | m | 47 | 42 | 4 | 5 | - | - | 8 | 8 | - | 40 | - |
| | Gorleston ... | 33.4 | 0 | WNW | 4 | bc | 48 | 41 | 7 | 5 | - | - | 4 | 4 | - | 30 | - |
| | Mildenhall | 34.2 | -2 | WSW | 4 | 2o | 50 | 45 | 6 | - | 3 | - | 5 | - | 5 | - | - |
| | Bircham Newton | 33.4 | -2 | WSW | 4 | 2o | 47 | 42 | 5 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Cranwell ... | 32.6 | -2 | WSW | 5 | 2o | 49 | 45 | 6 | 5 | 3 | - | 5 | 2 | 5 | 35 | - |
| 3 | Cranfield ... | 34.6 | -4 | WSW | 4 | 2o | 46 | 43 | 5 | 5 | 3 | 3 | 5 | 1 | 4 | 6 | - |
| | Honiley ... | 34.6 | 0 | SW | 3 | 2o | 46 | 42 | 6 | 5 | 7 | - | 8 | 5 | 8 | 15 | - |
| 4 | Little Rissington | 34.9 | -6 | WSW | 3 | 2o | 46 | 43 | 6 | 5 | 7 | - | 6 | 4 | 5 | 15 | - |
| | Shobden ... | 34.6 | -4 | SSW | 4 | c-bc | 50 | 46 | 7 | 5 | - | - | 5 | 4 | 5 | 12 | 15 |
| 5 | Bristol ... | 36.2 | -4 | SSW | 2 | d | 46 | 44 | 6 | 5 | - | - | 8 | 4 | 8 | 4 | 25 |
| | Chivenor ... | 36.8 | 2 | S | 2 | c | 47 | 44 | 7 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| | Yeovilton | 36.7 | -2 | SWS | 2 | 2o | 45 | 43 | 6 | 5 | 7 | - | 7 | 3 | 6 | 20 | 40 |
| | Portland Bill | 36.4 | -6 | SW | 3 | - | 44 | 42 | 8 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter ... | 37.1 | -8 | NW | 1 | m | 41 | 41 | 4 | 5 | 7 | - | 5 | 4 | 5 | 0 | - |
| | Plymouth ... | 37.9 | -2 | W | 2 | 2o | 44 | 43 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| | St. Eval ... | 37.1 | -2 | SW | 4 | df | 44 | 44 | 3 | 5 | - | - | 8 | 8 | - | 0 | - |
| | The Lizard | 36.8 | 0 | SW | 2 | m/f | 43 | 43 | 4 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Scilly, St. Marys | 36.7 | +2 | SWS | 3 | id | 46 | 46 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 6 | Fairwood ... | 36.5 | +6 | SW | 3 | df | 44 | 44 | 1 | 5 | - | - | 8 | 8 | - | 0 | - |
| | Pembroke ... | 34.8 | 0 | SWW | 4 | f | 46 | 46 | 0 | - | - | - | 9 | 9 | - | 0 | - |
| | Aberporth ... | 34.5 | +4 | SW | 4 | c | 48 | 47 | 8 | 5 | - | - | 8 | 8 | - | 5 | - |
| 7 | Penrhos ... | 33.2 | +2 | SW | 3 | df | 48 | 48 | 2 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Holyhead, Valley | 31.8 | +6 | W | 3 | d.d. | 47 | 47 | 4 | 5 | - | - | 8 | 8 | - | 1 | - |
| | Hawarden ... | 32.6 | +8 | WSW | 3 | c | 53 | 47 | 7 | 5 | 7 | - | 7 | 2 | 5 | 12 | 40 |
| 8 | Manchester | 32.9 | +8 | SW | 3 | d.d. | 47 | 44 | 5 | 5 | 7 | - | 8 | 7 | 8 | 10 | - |
| | Squires Gate | 32.4 | +10 | W | 3 | m/d | 46 | 45 | 4 | - | 2 | - | 8 | 8 | - | 2 | - |
| | Silloth ... | 31.8 | +4 | SW | 3 | c | 47 | 45 | 7 | 2 | 3 | 5 | 6 | 3 | 5 | 20 | - |
| 9 | Ashbourne ... | 33.8 | -2 | WSW | 3 | id. | 45 | 43 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| | Snaith ... | 32.2 | +6 | WNW | 4 | 2o | 54 | 46 | 6 | 5 | 4 | 2 | 8 | 4 | 4 | 25 | - |
| 10 | Spurn Head | 32.3 | 0 | SWW | 3 | 2o | 48 | 43 | 6 | 7 | - | - | 7 | 7 | - | 15 | - |
| | Leeming | 31.1 | +12 | WS | 2 | c | 50 | 45 | 8 | 5 | 7 | - | 7 | 5 | 4 | 15 | - |
| | Tynemouth | 30.3 | +14 | W | 3 | 2o | 50 | 43 | 5 | 6 | 3 | 2 | 5 | 3 | 4 | 18 | - |
| | Acklington | 30.3 | +8 | W | 4 | c-bc | 51 | 34 | 7 | 8 | 3 | 9 | 5 | 3 | 4 | 20 | 57 |
| 11 | St. Abb's Head | 28.7 | +8 | W | 3 | bc | 47 | 34 | 7 | 4 | 5 | - | 4 | 2 | 3 | 30 | - |
| | Leuchars ... | 29.1 | +18 | WNW | 4 | bc | 51 | 38 | 7 | 2 | 3 | 9 | 4 | 3 | 3 | 30 | - |
| | Montrose ... | 28.9 | +18 | SW | 4 | c-bc | 48 | 32 | 8 | 5 | 3 | 2 | 5 | 2 | 4 | 25 | - |
| 12 | Abbotsinch | 30.1 | +14 | W | 2 | c | 49 | 37 | 8 | 7 | 5 | - | 6 | 3 | 4 | 16 | 25 |
| | Prestwick ... | 31.2 | +2 | SW | 4 | 2o | 48 | 41 | 6 | 7 | 3 | 2 | 6 | 1 | 5 | 20 | 25 |
| | West Freugh | 31.4 | +12 | WNW | 2 | c | 49 | 45 | 8 | 8 | 7 | - | 6 | 3 | 6 | 30 | - |
| | Eskdalemuir | 30.9 | +12 | WNW | 2 | bc | 47 | 32 | 8 | 7 | - | 4 | 4 | 3 | 2 | 25 | - |
| | Jurby, I. of Man | 32.3 | +14 | SWW | 2 | c | 48 | 46 | 7 | 8 | 7 | - | 7 | 3 | 3 | 14 | 40 |
| 13A | Machrihanish | 31.2 | +12 | SWW | 2 | c | 47 | 43 | 7 | 7 | 7 | - | 7 | 2 | 4 | 25 | 40 |
| | Tiree ... | 29.6 | +10 | WSW | 3 | c | 47 | 40 | 8 | - | 4 | 8 | 6 | 3 | 6 | - | - |
| | Oban ... | 30.4 | +12 | SW | 2 | c-pr | 45 | 39 | 8 | 8 | 6 | 6 | 7 | 3 | 5 | 30 | 40 |
| 13B | Stornoway ... | 26.0 | +14 | WSW | 4 | bc-pr | 45 | 38 | 8 | 2 | - | 1 | 3 | 3 | 2 | 20 | - |
| | Cape Wrath | 24.6 | +26 | W | 5 | pr | 42 | 37 | 9 | 8 | 7 | - | 7 | 4 | - | 25 | - |
| 15 | Dalwhinnie | | +12 | WSW | 4 | c | 45 | 31 | 8 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Aberdeen ... | 28.0 | +10 | WS | 3 | c | 48 | 32 | 8 | 5 | 3 | 2 | 6 | 4 | 5 | 40 | - |
| | Fraserburgh | 27.2 | +14 | W | 4 | bc | 47 | 35 | 7 | 1 | 3 | 2 | 4 | 1 | 2 | 30 | - |
| | Alness ... | 27.3 | +16 | WSW | 5 | bc | 49 | 37 | 8 | 1 | - | 2 | 4 | 3 | 4 | 25 | - |
| | Wick ... | 25.3 | +18 | W | 4 | bc | 44 | 31 | 9 | 1 | 4 | 2 | 4 | 3 | 1 | 20 | - |
| 16 | Hatston ... | 25.2 | +22 | WS | 6 | b-bc | 45 | 35 | 7 | 2 | - | 5 | 3 | 3 | 2 | 20 | - |
| | Sumburgh ... | 20.2 | +22 | W | 5 | bc/hr | 42 | 38 | 7 | 3 | - | - | 4 | 4 | - | 15 | - |
| | Sullom Voe | 18.5 | +34 | WSW | 6 | bc | 43 | 31 | 8 | 2 | - | - | 4 | 4 | - | 15 | - |
| 17 | Blacksod Point † | 32.1 | +6 | WSW | 1 | c | 49 | 42 | 6 | 5 | - | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head † | 30.5 | +12 | WNW | 2 | c | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Aldergrove | 32.8 | +10 | SW | 1 | 2o | 49 | 44 | 6 | 5 | - | - | 7 | 2 | 7 | 25 | 40 |
| | Cas. Archdale | 32.5 | +6 | WN | 1 | c | 47 | 41 | 8 | 5 | 7 | - | 8 | 2 | 6 | 20 | 40 |
| 19 | Birr Castle ... † | 31.9 | +2 | SW | 2 | id | 50 | 46 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - |
| | Collinstown † | 32.6 | +6 | WS | 2 | c-r | 49 | 47 | 7 | 5 | - | - | 8 | 8 | - | 9 | - |
| 20 | Foynes ... † | 32.8 | +2 | WNW | 2 | d.d. | 49 | 48 | 6 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Valentia ... † | 33.1 | 0 | W | 1 | ir. | 50 | 48 | 6 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Roches Point † | 35.4 | +6 | SSW | 3 | f | 49 | 48 | 3 | - | - | - | 9 | 9 | - | 0 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

## OBSERVATIONS at 18h. G.M.T. 22nd February.

| 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) | 21h ‡ State of Ground. 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 34.3 | -4 | SWW | 2 | 2o | 47 | 45 | 5 | 5 | - | - | 8 | 4 | 8 | 35 | 57 | 1 |
| | Croydon ... | 34.8 | -6 | SW | 2 | 2o | 48 | 42 | 5 | 5 | - | - | 7 | 7 | - | 40 | - | 1 |
| | Boscombe Down | 34.6 | -6 | SSW | 2 | 2o | 45 | 44 | 5 | 5 | - | - | 8 | 8 | - | 15 | - | 0 |
| | Thorney Island | 35.2 | -6 | WSW | 2 | m | 44 | 41 | 4 | 5 | 7 | - | 5 | 4 | 3 | 13 | - | 0 |
| | Friston ... | | | | | | | | | | | | | | | | | |
| | Lympne ... | 35.1 | +2 | SWW | 1 | c/r | 43 | 41 | 5 | 5 | - | - | 7 | 4 | 7 | 30 | 40 | 1 |
| | Manston ... | 34.2 | +2 | SWS | 2 | 2o | 49 | 43 | 5 | 5 | - | - | 7 | 7 | - | 40 | - | 1 |
| 2 | North Weald | 34.0 | -2 | SW | 3 | m | 48 | 44 | 4 | 5 | 3 | - | 8 | 6 | 8 | 25 | - | 1 |
| | Felixstowe ... | 33.4 | -6 | SW | 2 | 2o | 46 | 43 | 5 | 5 | - | - | 8 | 8 | - | 20 | - | 0 |
| | Gorleston ... | 31.9 | -2 | WNW | 2 | 2o | 50 | 48 | 6 | 5 | - | - | 8 | 8 | - | 20 | - | 0 |
| | Mildenhall | 32.8 | -6 | SW | 2 | 2o | 50 | 47 | 5 | 5 | - | - | 8 | 8 | - | 20 | - | 0 |
| | Bircham Newton | 32.3 | +2 | WSW | 2 | id. | 49 | 46 | 5 | 5 | - | - | 7 | 7 | - | 35 | - | 1 |
| | Cranwell ... | 31.7 | -6 | SW | 2 | m/d | 49 | 48 | 4 | 5 | - | - | 7 | 7 | - | 40 | - | 0 |
| 3 | Cranfield ... | 33.0 | -2 | WSW | 3 | 2o | 47 | 44 | 5 | 5 | - | - | 8 | 4 | 8 | 7 | 15 | 1 |
| | Honiley ... | 32.7 | -6 | SW | 3 | 2o | 47 | 45 | 5 | 5 | - | - | 8 | 8 | - | 12 | - | 0 |
| 4 | Little Rissington | 33.2 | -4 | WSW | 3 | 2o | 45 | 44 | 6 | 5 | - | - | 8 | 8 | - | 3 | - | 1 |
| | Shobden ... | 33.2 | -4 | SW | 2 | c | 48 | 45 | 7 | 5 | - | - | 8 | 4 | 5 | 9 | 15 | 0 |
| 5 | Bristol ... | 34.5 | -6 | WNW | 1 | m | 47 | 46 | 4 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| | Chivenor ... | 34.5 | -10 | SW | 3 | c | 47 | 45 | 7 | 5 | 7 | - | 8 | 4 | 7 | 6 | 15 | 1 |
| | Yeovilton | 34.9 | -4 | SWS | 1 | 2o | 46 | 44 | 6 | 5 | 7 | - | 7 | 4 | 7 | 15 | 40 | 0 |
| | Portland Bill | 35.0 | -10 | WSW | 3 | c | 43 | 41 | 8 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| | Exeter ... | 34.8 | -10 | E | 1 | 2o | 48 | 44 | 6 | 5 | - | - | 8 | 5 | 8 | 15 | 25 | 1 |
| | Plymouth ... | 36.0 | -6 | SWS | 2 | o/d | 44 | 43 | 6 | 5 | - | - | 8 | 8 | - | 5 | - | 1 |
| | St. Eval ... | 35.7 | -6 | SW | 3 | 2o | 44 | 44 | 6 | 5 | 2 | - | 8 | 6 | 8 | 3 | - | 1 |
| | The Lizard | 35.4 | -8 | W | 3 | m/d | 43 | 43 | 4 | 5 | - | - | 8 | 8 | - | 6 | - | 1 |
| | Scilly, St. Marys | 34.9 | -6 | SWS | 3 | o/d | 46 | 45 | 7 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| 6 | Fairwood ... | 34.6 | -10 | SW | 4 | df | 44 | 44 | 1 | 5 | - | - | 8 | 8 | - | 0 | - | 1 |
| | Pembroke ... | 32.3 | -4 | SWS | 4 | f+ | 46 | 43 | 0 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| | Aberporth ... | 32.6 | -8 | SSW | 4 | DD | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| 7 | Penrhos ... | 31.3 | -10 | SW | 4 | dr | 46 | 46 | 5 | 5 | - | - | 8 | 8 | - | 3 | - | 1 |
| | Holyhead, Valley | 31.5 | -6 | S | 3 | df | 45 | 45 | 1 | 5 | - | - | 8 | 8 | - | 0 | - | 1 |
| | Hawarden ... | 31.6 | -6 | SW | 1 | m | 47 | 47 | 4 | 5 | - | - | 8 | 5 | 7 | 10 | 25 | 1 |
| 8 | Manchester | 31.2 | -10 | - | 0 | df | 46 | 46 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| | Squires Gate | 31.3 | -8 | - | 0 | of | 45 | 45 | 2 | 5 | - | - | 8 | 8 | - | 0 | - | 1 |
| | Silloth ... | 30.6 | -4 | SWW | 3 | 2o | 45 | 42 | 6 | 5 | 7 | - | 8 | 4 | 8 | 20 | - | 1 |
| 9 | Ashbourne ... | 31.9 | -6 | SSW | 2 | 2o | 50 | 46 | 5 | 5 | - | - | 8 | 6 | 8 | 8 | 15 | 1 |
| | Snaith ... | 31.7 | -2 | SSW | 2 | m | 49 | 47 | 4 | 5 | - | - | 8 | 4 | 8 | 20 | 40 | 0 |
| 10 | Spurn Head | 31.7 | -2 | WN | 3 | 2o | 47 | 45 | 5 | 5 | - | - | 8 | 8 | - | 15 | - | 0 |
| | Leeming | 30.5 | -2 | NNW | 1 | c/r | 49 | 44 | 6 | 5 | 7 | - | 8 | 4 | 8 | 30 | 25 | 1 |
| | Tynemouth | 30.7 | -4 | W | 2 | 2o | 49 | 40 | 5 | 5 | - | - | 7 | 7 | - | 28 | - | 0 |
| | Acklington | 30.1 | -2 | SW | 2 | c | 46 | 36 | 6 | 5 | 7 | - | 8 | 4 | 8 | 40 | - | 1 |
| 11 | St. Abb's Head | 29.0 | -6 | WSW | 2 | c | 46 | 34 | 7 | 4 | 2 | 9 | 7 | 3 | 5 | 25 | 72 | 1 |
| | Leuchars ... | 28.7 | -4 | SW | 3 | c | 44 | 41 | 7 | 5 | 7 | 7 | 8 | 3 | 3 | 30 | - | 1 |
| | Montrose ... | 28.6 | -6 | SW | 1 | c | 46 | 38 | 8 | 5 | 7 | - | 8 | 1 | 3 | 30 | 40 | 0 |
| 12 | Abbotsinch | 29.6 | 0 | WSW | 2 | ir. | 45 | 39 | 8 | 5 | 2 | - | 8 | 5 | 3 | 10 | - | 1 |
| | Prestwick ... | 30.6 | -6 | WSW | 2. | ro | 45 | 42 | 5 | 5 | 7 | - | 8 | 4 | 3 | 15 | 25 | 1 |
| | West Freugh | 30.3 | -6 | WSW | 2 | ro | 46 | 44 | 7 | 5 | - | - | 8 | 4 | 8 | 12 | 25 | 1 |
| | Eskdalemuir | 30.1 | -2 | WSW | 2 | pr | 43 | 36 | 7 | 5 | 7 | - | 8 | 4 | 8 | 21 | - | 1 |
| | Jurby, I. of Man | 30.5 | -12 | SSE | 1 | c/r | 47 | 44 | 6 | 5 | 7 | - | 8 | 3 | 8 | 18 | - | 1 |
| 13A | Machrihanish | 30.2 | +8 | - | 0 | ro | 44 | 42 | 6 | 5 | - | - | 8 | 3 | 8 | 14 | 15 | 1 |
| | Tiree ... | 29.1 | -6 | WS | 1 | c | 42 | 41 | 8 | 5 | - | 8 | 7 | 4 | 7 | 40 | - | 1 |
| | Oban ... | 29.4 | -6 | SSW | 1 | ir. | 43 | 39 | 7 | 5 | 7 | - | 8 | 5 | 8 | 25 | - | 1 |
| 13B | Stornoway ... | 26.1 | +2 | SW | 3 | c-bc | 41 | 34 | 8 | 2 | 3 | 8 | 5 | 1 | 3 | 20 | - | 0 |
| | Cape Wrath | | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 28.0 | 0 | S | 1 | c | 37 | 30 | 8 | 5 | 2 | - | 8 | 4 | 4 | 23 | 72 | 0 |
| | Aberdeen ... | 28.1 | -2 | WNW | 1 | 2o | 46 | 32 | 5 | 5 | 7 | - | 8 | 4 | 8 | 25 | - | 1 |
| | Fraserburgh | 28.0 | +4 | WSW | 3 | c-jp | 44 | 35 | 7 | 5 | 2 | - | 8 | 3 | 7 | 20 | 40 | 0 |
| | Alness ... | 27.7 | +4 | SW | 4 | c-pr | 42 | 37 | 8 | 4 | 4 | 6 | 7 | 3 | 1 | 25 | - | 1 |
| | Wick ... | 26.4 | +4 | W | 2 | c | 39 | 34 | 9 | 4 | - | 6 | 7 | 3 | 7 | 40 | - | 0 |
| 16 | Hatston ... | 24.9 | +4 | WSW | 5 | c-bc | 41 | 36 | 7 | 2 | 6 | 6 | 5 | 3 | 2 | 20 | - | * |
| | Sumburgh ... | 22.7 | +6 | WS | 6 | bc | 43 | 39 | 8 | 2 | - | 6 | 4 | 2 | 4 | 20 | - | 1 |
| | Sullom Voe | 21.6 | +10 | SW | 4 | bc | 40 | 32 | 8 | 8 | 6 | - | 4 | 3 | 2 | 15 | 40 | 1 |
| 17 | Blacksod Point † | 31.4 | -2 | - | 0 | ir | 43 | 41 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - | 2 |
| 18 | Malin Head † | 29.5 | -6 | W | 2 | ro | 42 | 40 | 8 | - | 2 | - | 8 | 8 | - | 8 | - | 1 |
| | Aldergrove | 31.0 | -2 | SWS | 1 | ro | 45 | 39 | 6 | 5 | 2 | - | 8 | 4 | 8 | 10 | 40 | 1 |
| | Cas. Archdale | 31.4 | -4 | N | 1 | ro | 42 | 41 | 7 | 5 | 2 | - | 8 | 4 | 8 | 20 | - | 1 |
| 19 | Birr Castle ... † | 29.6 | -14 | S | 1 | id | 49 | 47 | 7 | 6 | 2 | - | 8 | 4 | - | 8 | - | 1 |
| | Collinstown † | 30.4 | -10 | SES | 1 | rf | 47 | 46 | 3 | 5 | - | - | 8 | 8 | - | 1 | - | 1 |
| 20 | Foynes ... † | 29.8 | -14 | N | 3 | ir | 46 | 45 | 6 | 6 | 2 | - | 8 | 8 | - | 5 | - | 1 |
| | Valentia ... † | 30.2 | -6 | WSW | 3 | ir. | 49 | 48 | 6 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| | Roches Point † | 31.2 | -10 | SSW | 3 | f | 49 | 48 | 6 | - | - | - | 8 | 8 | - | 0 | - | 1 |

## OBSERVATIONS during DAY

| District | Stations | Weather. 06h.-12h. (34) | Weather. 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|---|
| 1 | Kew ... | cf mm.w | cm. | 49 | 0.1 | - |
| | Croydon ... | bc m.c2. | cm. | 51 | 1.5 | - |
| | Boscombe Down | of c m. | cm. | 49 | 1.1 | - |
| | Thorney Island | Fid. cm cm. | cm. cm | 48 | * | - |
| | Friston ... | | | | | |
| | Lympne ... | OFF cm m. | c2 ir. cm. | 50 | 2.9 | - |
| | Manston ... | bc f m. c2. | c2. | 51 | 4.1 | - |
| 2 | North Weald | of bc f cm | cm c2 cm | 49 | * | - |
| | Felixstowe ... | f cm w | bc cm. | 52 | 1.9 | - |
| | Gorleston ... | cbc | c02 | 52 | 2.2 | - |
| | Mildenhall | c 2. | cm. | 53 | 1.6 | - |
| | Bircham Newton | cm. | cm. cid. m. | 51 | 0.2 | Tr |
| | Cranwell ... | c 2. | bc m. cm. | 53 | 1.9 | - |
| 3 | Cranfield ... | bc m. c m m. | cm. | 50 | * | - |
| | Honiley ... | cm. | cm. | 50 | 0.0 | - |
| 4 | Little Rissington | cm. | cm. | 49 | * | - |
| | Shobden ... | cm. c | c | 51 | * | - |
| 5 | Bristol ... | cm. id. cm. | cm. cm | 49 | 0.0 | Tr |
| | Chivenor ... | cid. m. | cid. c | 49 | 0.0 | - |
| | Yeovilton | c 2 | c 2 c m. | 49 | * | - |
| | Portland Bill | c | c | 46 | * | - |
| | Exeter ... | f cm | cm. | 50 | 0.7 | Tr |
| | Plymouth ... | o m. | id. o m. | 45 | 0.0 | Tr |
| | St. Eval ... | off ed. d. i. | od. d. ff m | 46 | 0.0 | 0.2 |
| | The Lizard | ff o m | oid m | 44 | 0.0 | Tr |
| | Scilly, St. Marys | cid. | cid. | 47 | 0.0 | Tr |
| 6 | Fairwood ... | od d F | od d f | 45 | * | 2 |
| | Pembroke ... | cd f f e | f f | 46 | 0.0 | 2 |
| | Aberporth ... | cd d j f e | DD | 49 | 0.0 | - |
| 7 | Penrhos ... | of o d f | om d m d f m | 49 | 0.0 | 4 |
| | Holyhead, Valley | of d. d. o m | od. d. m f | 48 | * | 1 |
| | Hawarden ... | c | cm id. cm | 53 | 0.2 | 0.2 |
| 8 | Manchester | cd. d. m. o | cd. d. m. f | 48 | * | 1 |
| | Squires Gate | od. d. dm. o m | oid. m o f | 47 | * | - |
| | Silloth ... | cd. d. m. o. cm. | cm. | 49 | * | Tr |
| 9 | Ashbourne ... | cm. oid. o m. | oid. m. o cid m | 50 | * | Tr |
| | Snaith ... | cm. 2. | c2 m | 56 | 2.7 | - |
| 10 | Spurn Head | cm. | cm. | 50 | 0.3 | - |
| | Leeming | cd. d. d. c | ir. cm. | 53 | 0.0 | Tr |
| | Tynemouth | cm. | cm. | 53 | * | - |
| | Acklington | bc m. | cyc | 52 | * | Tr |
| 11 | St. Abb's Head | bc m. | cm. | 48 | * | Tr |
| | Leuchars ... | bm. bcc | bcc | 52 | 5.2 | Tr |
| | Montrose ... | bbccy | bcyc | 51 | 2.1 | - |
| 12 | Abbotsinch | bc m. bc | cr. | 49 | 1.9 | - |
| | Prestwick ... | cm. bm. bc | cm. r. r. | 50 | * | 2 |
| | West Freugh | bcc | cr. cr. r. | 50 | * | 3 |
| | Eskdalemuir | cbcy | bcy c pr. | 48 | 3.9 | 0.2 |
| | Jurby, I. of Man | c i a | ir. c | 50 | * | 0.2 |
| 13A | Machrihanish | 2c | cir rr | 47 | * | 2 |
| | Tiree ... | c | c | 49 | 1.4 | 0.1 |
| | Oban ... | bcc | cid. | 46 | * | * |
| 13B | Stornoway ... | bc pr. bc | bcc | 47 | 5.1 | 1 |
| | Cape Wrath | c pr. | cpr. 0 | 47 | 3.9 | Tr |
| 15 | Dalwhinnie | c | | | | |
| | Aberdeen ... | ccy | cy | 52 | 2.4 | - |
| | Fraserburgh | bc bbcy | cyc | 48 | 3.2 | - |
| | Alness ... | bbc | bcc pmr c | 49 | 5.2 | 1 |
| | Wick ... | bc | bbcc pr. bc | 47 | 4.8 | Tr |
| 16 | Hatston ... | ph pr bc | bbc l pr c | 45 | * | 1 |
| | Sumburgh ... | b ph. bc | bc pr. bc | 45 | 5.7 | 2 |
| | Sullom Voe | bc ph. | bc pr. | 45 | * | Tr |
| 17 | Blacksod Point † | c | r | 49 | * | 4 |
| 18 | Malin Head † | c | r | 47 | 0.0 | 0.2 |
| | Aldergrove | bc m. cm. | cir. r. r. m. | 49 | 1.0 | 3 |
| | Cas. Archdale | c | cir. cr. r. | 48 | * | 5 |
| 19 | Birr Castle ... † | d | d | 50 | 0.0 | 1 |
| | Collinstown † | r | d | 50 | 0.0 | 2 |
| 20 | Foynes ... † | d | d | 50 | 0.0 | 5 |
| | Valentia ... † | r | r | 52 | 0.0 | 3 |
| | Roches Point † | f | f | 51 | * | 0.2 |

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

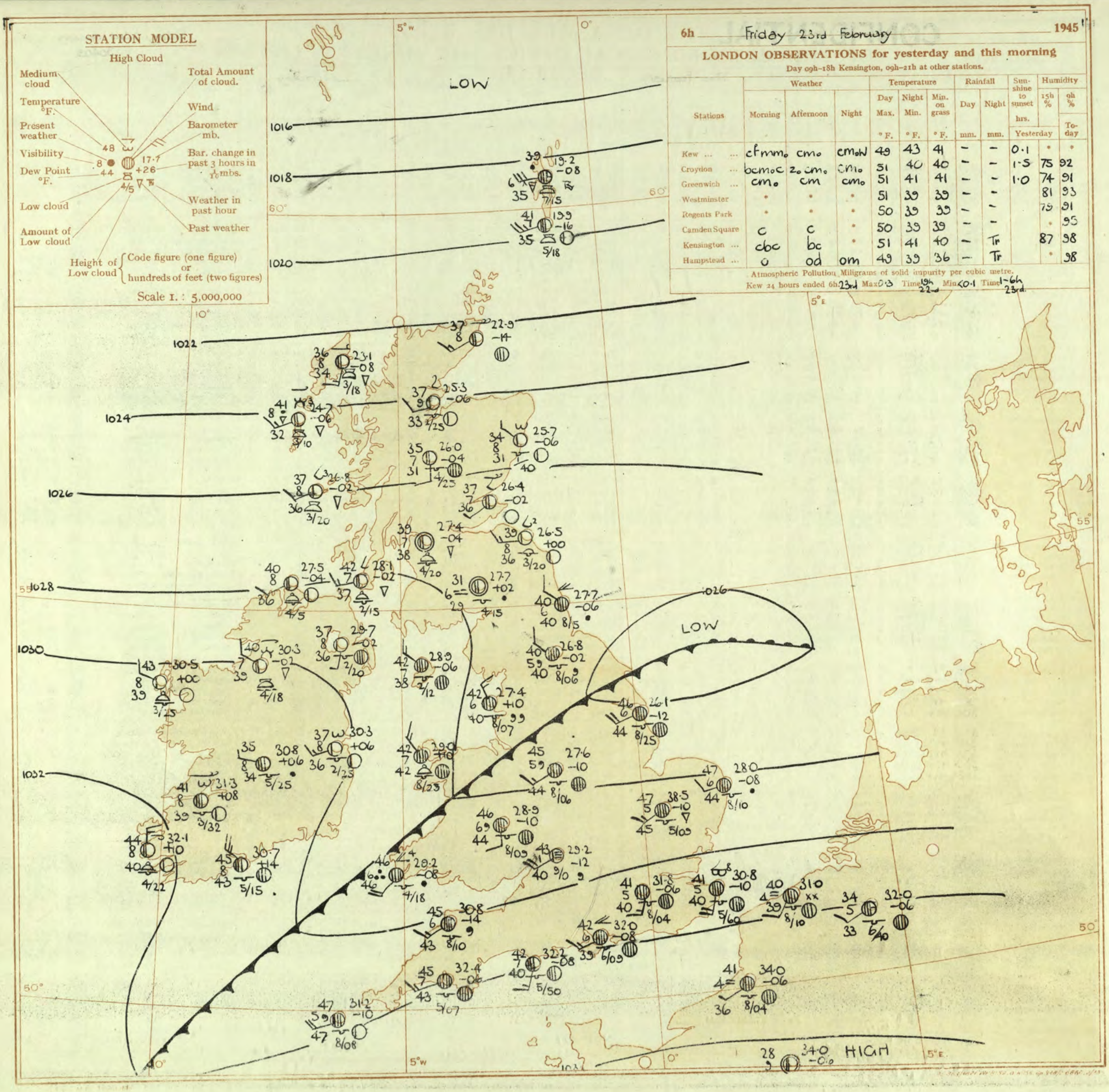
0 = Nil; 1 = Trace; 2 = 1/10; 3 = 2/10; 4 = 3/10; 5 = 4/10; 6 = 6/10; 7 = More than 9 but with openings; 8 = Completely covered; 9 = Sky obscured by fog, etc.

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

‡ See footnote p. 4.

* Information not usually received.

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

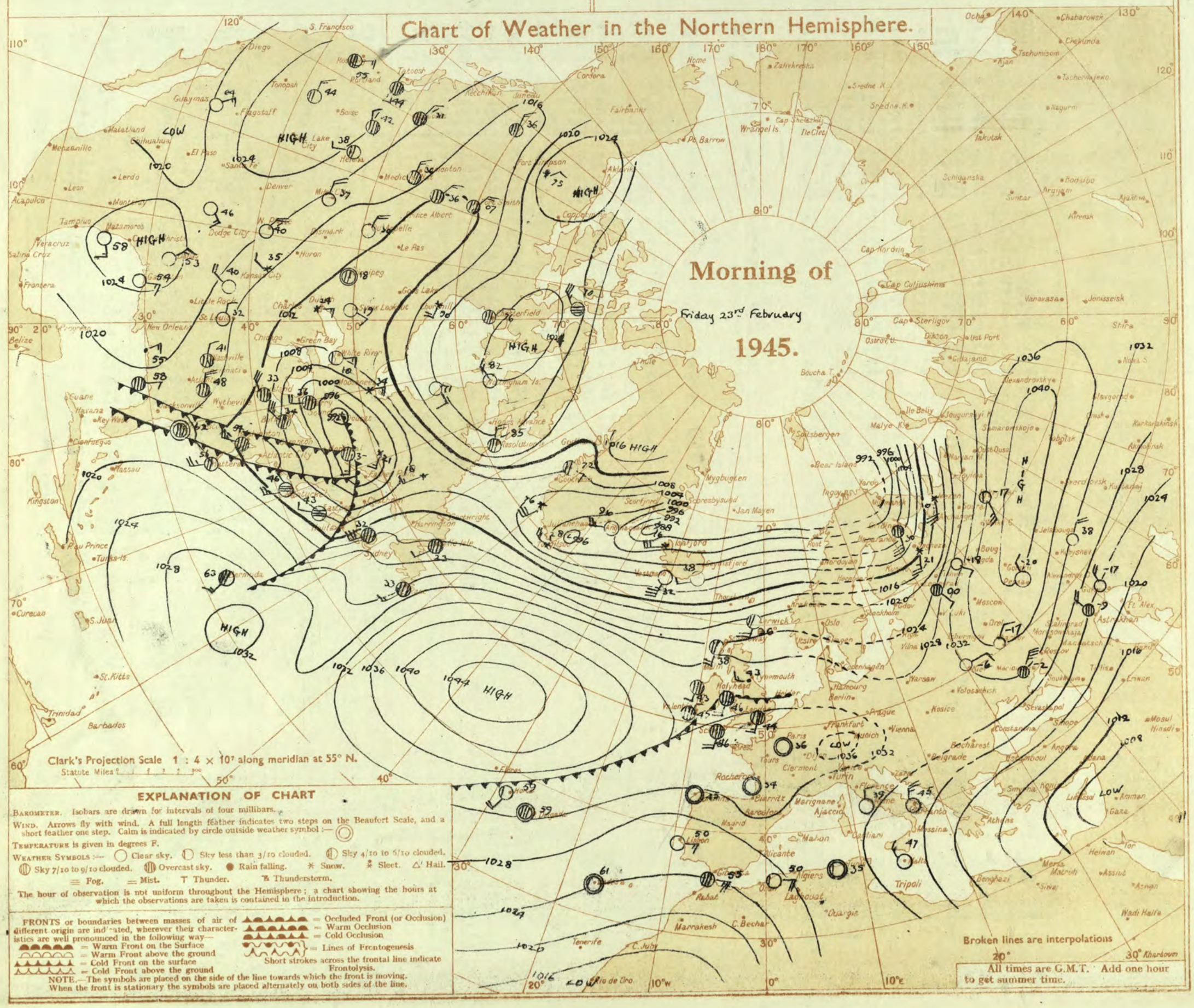

STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in 1/10 mbs.
Dew Point °F.
Weather in past hour
Low cloud
Past weather
Amount of Low cloud
Height of Low cloud
Code figure (one figure) or hundreds of feet (two figures)
Scale 1. : 5,000,000
6h Friday 23rd February 1945
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–21h at other stations.
Stations | Weather Morning | Afternoon | Night | Temperature Day Max. °F. | Night Min. °F. | Min. on grass °F. | Rainfall Day mm. | Night mm. | Sunshine to sunset hrs. Yesterday | Humidity 15h % Yesterday | 0h % To-day
Kew ... cfmmo cmo cmoW 49 43 41 – – 0.1 * *
Croydon ... bcmoc zocmo cmo 51 40 40 – – 1.5 75 92
Greenwich ... cmo cm cmo 51 41 41 – – 1.0 74 91
Westminster * * * 51 39 39 – – 81 93
Regents Park * * * 50 39 39 – – 79 91
Camden Square c c * 50 39 39 – – * 95
Kensington ... cbc bc * 51 41 40 – Tr 87 98
Hampstead ... o od om 49 39 36 – Tr * 98
Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. 23rd Max 0.3 Time 19h 22nd Min <0.1 Time 1–6h 23rd.
LOW
LOW
HIGH
1016
1018
1020
1022
1024
1026
1028
1030
1032
Mb

## GENERAL INFERENCE

A trough across England is moving steadily S.E. It will be accompanied by a relatively narrow belt of precipitation which will have cleared the country by midnight. In rear of the trough weather will be mainly fair with variable cloud cover, but some showers will occur in N.W. districts. There will be some fog development in Southern half of England to-night. Mainly mild but ground frost possible in parts England to-night.

## FURTHER OUTLOOK

Little change in South; wind increasing in North with rain later.



BRITISH SECTION

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

Friday 23rd February 1945. No. 30409

## OBSERVATIONS at 00hr. G.M.T. 23rd February

| 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) | Low A 0–9 (13) | Low B 0–9 (14) | Height of Base Hundreds of feet A. (15) | Height of Base B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew | 16 | * | * | * | * | * | 46 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 33·5 | -10 | SSW | 3 | m | 44 | 42 | 4 | 5 | - | - | 7 | 8 | - | 35 | - |
| | Boscombe Down | 417 | 32· | -20 | SW'S | 2 | m | 42 | 42 | 4 | 5 | - | - | 8 | 8 | - | 30 | - |
| | Thorney Island | 10 | 34·2 | -6 | WSW | 3 | m | 41 | 40 | 4 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 33·8 | -10 | SW'S | 2 | zo | 41 | 41 | 5 | 5 | - | - | 7 | 4 | 7 | 25 | 40 |
| | Manston | 140 | 32·9 | -10 | SSW | 3 | zo | 44 | 42 | 5 | 5 | - | - | 7 | 7 | - | 51 | - |
| 2 | North Weald | 244 | 32·5 | -8 | SSW | 3 | cf | 46 | 44 | 3 | 5 | - | - | 8 | 5 | 8 | 8 | 25 |
| | Felixstowe | 10 | 32·2 | -8 | SW | 2 | m | 45 | 44 | 4 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Gorleston | 5 | 30·5 | -16 | WSW | 1 | zo | 48 | 44 | 5 | 5 | - | - | 8 | 8 | - | 13 | - |
| | Mildenhall | 15 | 31·2 | -19 | SW | 3 | zo | 48 | 46 | 5 | 5 | | - | 8 | 8 | - | 20 | - |
| | Bircham Newton | 221 | 30·4 | -16 | SW | 3 | z | 47 | 45 | 6 | 6 | - | - | 8 | 8 | - | 15 | - |
| | Cranwell | 203 | 29·8 | -1 | S- | 3 | iro | 47 | 45 | 4 | 5 | - | - | 8 | 4 | 8 | 15 | 25 |
| 3 | Cranfield | 340 | 31·6 | -10 | WSW | 3 | zo | 46 | 44 | 5 | 5 | - | - | 8 | 8 | - | 6 | - |
| | Honiley | 427 | 30·5 | -14 | SW'W | 3 | c/d | 45 | 44 | 6 | 5 | 7 | - | 7 | 4 | 7 | 25 | - |
| 4 | Little Rissington | 731 | 31·7 | -10 | WSW | 4 | z | 44 | 44 | 4 | 5 | - | - | 8 | 6 | 8 | 4 | 8 |
| | Shobden | 318 | 31·3 | -14 | SSW | 3 | c | 47 | 43 | 7 | 5 | 7 | - | 8 | 4 | 4 | 11 | 25 |
| 5 | Bristol | 209 | 33·1 | -10 | SSW | 2 | m | 46 | 45 | 4 | 5 | - | - | 8 | 4 | 8 | 6 | 15 |
| | Chivenor | 20 | 33·4 | -8 | S | 2 | z | 44 | 42 | 6 | 5 | - | - | 8 | 1 | 8 | 3 | 5 |
| | Yeovilton | 50 | 33·5 | -6 | SSW | 2 | m | 44 | 44 | 4 | 5 | - | - | 8 | 8 | - | 30 | - |
| | Portland Bill | 32 | 33·5 | -5 | SSW | 4 | c | 43 | 41 | 7 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 100 | 33·8 | -10 | SSW | 1 | m | 43 | 42 | 1 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Plymouth | 86 | 34·6 | -8 | WSW | 3 | c | 43 | 40 | 7 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| | St. Eval | 345 | 33·9 | -10 | S'W | 3 | zo | 43 | 43 | 5 | 5 | - | - | 8 | 8 | - | 3 | - |
| | The Lizard | 240 | 34·2 | -8 | SW | 2 | c | 44 | 43 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Scilly, St. Marys | 163 | 33·5 | -10 | SSW | 4 | c | 46 | 44 | 7 | 5 | | - | 8 | 8 | - | 15 | - |
| 6 | Fairwood | 268 | 33·1 | -10 | SW | 4 | dF | 44 | 44 | 1 | 5 | - | - | 8 | 8 | - | 0 | - |
| | Pembroke | 142 | 31·0 | -13 | SW | 4 | o | 46 | 46 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 28·9 | -12 | SSW | 4 | oF+ | 46 | 46 | 1 | 5 | - | - | 8 | 8 | - | 2 | - |
| | Holyhead, Valley | 32 | 28·0 | -20 | SSW | 5 | cf | 46 | 46 | 3 | 5 | | - | 8 | 8 | - | | - |
| | Hawarden | 15 | 28·8 | -14 | SSE | 2 | c | 50 | 46 | 8 | 5 | 7 | - | 7 | 4 | 7 | 20 | - |
| 8 | Manchester | 230 | 26·7 | -12 | S'W | 4 | zo | 47 | 45 | 5 | 5 | - | 7 | 8 | 3 | 8 | 18 | |
| | Squires Gate | 30 | 27·8 | -18 | SSW | 3 | c/d | 45 | 45 | 6 | 5 | - | - | 8 | 3 | 8 | 2 | 8 |
| | Silloth | 25 | 26·7 | -12 | NNE | 2 | ro | 41 | 41 | 6 | 6 | - | - | 8 | 8 | - | 18 | - |
| 9 | Ashbourne | 590 | 30·3 | -10 | SSW | 3 | c/d | 45 | 45 | 4 | 5 | - | - | 8 | 8 | | 6 | - |
| | Snaith | 30 | 28·8 | -18 | S'.. | 1 | dF | 48 | 47 | 3 | 5 | - | - | 8 | 8 | - | 18 | - |
| 10 | Spurn Head | 29 | 29·6 | -14 | SSW | 4 | z | 45 | 43 | 6 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Leeming | 105 | 28·0 | -14 | - | 0 | iro | 45 | 45 | 5 | 5 | - | - | 9 | 8 | - | 18 | - |
| | Tynemouth | 108 | 30·2 | -4 | W | 3 | ir | 43 | 41 | 6 | | 2 | - | 8 | 8 | | 15 | - |
| | Acklington | 138 | 29·2 | -6 | NW | 1 | rr | 41 | 39 | 7 | - | 2 | - | 8 | 8 | - | 20 | - |
| 11 | St. Abb's Head | 280 | 28·1 | -8 | SW | 1 | dod | 41 | 36 | 7 | 5 | - | - | 8 | 8 | | 30 | - |
| | Leuchars | 31 | 27·7 | -10 | SW | 2 | iro | 42 | 40 | 6 | 5 | 2 | - | 8 | 6 | 8 | 25 | - |
| | Montrose | 22 | 28·0 | -8 | SW | 2 | c | 41 | 38 | 7 | 5 | - | - | 6 | 3 | 6 | 25 | - |
| 12 | Abbotsinch | 19 | 28·6 | -10 | SW'W | 1 | c-bc/r | 41 | 39 | 7 | 8 | - | - | 5 | 5 | | 20 | |
| | Prestwick | 30 | 28·9 | -14 | - | 0 | ido | 42 | 40 | 5 | 5 | 1 | - | 8 | 4 | 6 | 20 | - |
| | West Freugh | 53 | 28·6 | -14 | - | 0 | roro | 41 | 40 | 7 | 5 | 2 | - | 8 | 4 | 8 | · | 25 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 28·7 | -10 | N | 3 | roro | 42 | 40 | 6 | 6 | 2 | | 8 | 5 | 8 | 10 | 25 |
| 13A | Machrihanish | 35 | 29·0 | -10 | W'S | 1 | iro | 42 | 40 | 6 | 5 | 1 | - | 8 | 1 | 6 | 15 | 25 |
| | Tiree | 44 | 27·9 | -8 | WSW | 2 | c-bc | 40 | 38 | 8 | 3 | 6 | - | 5 | 4 | 3 | 15 | |
| | Oban | 74 | 28·5 | -6 | S'W | 3 | b-bc | 40 | 40 | 7 | 8 | 6 | - | 3 | - | 3 | 31 | 57 |
| 13B | Stornoway | 12 | 25·0 | -10 | SSW | 4 | c-bc | 38 | 34 | 8 | 2 | - | 8 | 5 | 2 | 5 | 30 | - |
| | Cape Wrath | 367 | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | 42 | | | | | | | | | | |
| | Fraserburgh | 76 | 26·9 | -6 | W'S | 3 | c-bc | 33 | 34 | 7 | 5 | 3 | 2 | 5 | 3 | 3 | 30 | - |
| | Alness | 63 | 27·0 | -10 | WSW | 3 | b | 37 | 35 | 8 | 4 | · | · | 2 | 2 | 1 | 25 | - |
| | Wick | 114 | 25·5 | -6 | SSW | 2 | b | 36 | 31 | 9 | - | 3 | - | 2 | 2 | - | - | - |
| 16 | Hatston | 45 | 24·5 | -4 | SW | 3 | b-bc | 35 | 34 | 7 | 2 | 6 | - | 3 | 2 | 2 | 20 | |
| | Sumburgh | 15 | 22·4 | -2 | WSW | 5 | b-bc/pr | 41 | 39 | 7 | 3 | - | 3 | 3 | 2 | 3 | 20 | - |
| | Sullom Voe | 12 | 21·3 | | SSW | 4 | bc | 36 | 33 | 7 | 2 | - | 3 | 4 | 1 | 4 | 20 | - |
| 17 | Blacksod Point † | 18 | 30·4 | -2 | S'W | 2 | id | 43 | 41 | 7 | 6 | 2 | - | 6 | 4 | - | 10 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 29·7 | -10 | - | 0 | ir | 39 | 39 | 6 | 6 | 7 | - | 8 | 4 | 8 | 20 | 40 |
| | Cas. Archdale | 240 | 30·4 | -6 | - | 0 | c/r | 39 | 38 | 8 | 5 | - | - | 7 | 4 | 7 | 26 | 57 |
| 19 | Birr Castle † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 29·5 | +8 | NNW | 3 | rvo | 41 | 40 | 6 | 5 | - | - | 8 | 5 | - | 12 | - |
| 20 | Foynes † | 3 | 30·5 | 0 | W'N | 1 | c/r | 43 | 41 | 7 | 5 | 3 | - | 6 | 5 | - | 13 | - |
| | Valentia † | 30 | 30·4 | +4 | N'E | 2 | c | 45 | 40 | 8 | 5 | - | - | 7 | 7 | · | 26 | · |
| | Roches Point † | 22 | 29·6 | -10 | SW'S | 4 | d | 48 | 47 | 6 | 5 | - | - | 8 | 8 | - | 5 | - |

## OBSERVATIONS at 06hr. G.M.T. 23rd February; 9 h.; OBSERVATIONS during NIGHT

| 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) | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 31·0 | -2 | SW'W | 3 | m | 43 | 42 | 4 | 5 | 2 | · | 8 | 6 | 8 | 25 | · | 1 | cmo | cmomw | 43 | 41 | - |
| Croydon | 31·8 | -6 | SSW | 3 | zo | 41 | 40 | 5 | 5 | - | · | 8 | 8 | - | 4 | - | 1 | cmom. | cmmo | 40 | 40 | - |
| Boscombe Down | 31·1 | -10 | S'W | 3 | F+ | 40 | 40 | 1 | - | - | · | 9 | 9 | - | 0 | - | 1 | cmocm | oFidoF | 40 | 40 | 0·1 |
| Thorney Island | 32·0 | -8 | SW'W | 3 | zo | 42 | 39 | 6 | 5 | 2 | · | 8 | 6 | 8 | 9 | - | 0 | cm | omcmo | 41 | * | - |
| Friston | | | | | | | | | | | | | | | | | | | | | | |
| Lympne | 31·9 | -8 | SW'W | 2 | m/f | 38 | 38 | 4 | 5 | - | · | 8 | 8 | · | 6 | · | 1 | cmo | oFFf | 38 | 38 | - |
| Manston | 30·8 | -10 | SSW | 4 | zo | 41 | 40 | 5 | 5 | 7 | - | 8 | 5 | 8 | 60 | - | 1 | cmo | cmp | 40 | 40 | - |
| North Weald | 30·8 | -12 | SW | 4 | cf | 43 | 41 | 3 | 5 | · | - | 8 | 8 | - | 6 | - | 1 | | cf | 42 | 42 | Tr |
| Felixstowe | 30·2 | -2 | WSW | 2 | m | 45 | 44 | 4 | 5 | - | - | 8 | 8 | - | 45 | · | 0 | cmocm | cm | 44 | 43 | Tr |
| Gorleston | 29·0 | -8 | SW'W | 2 | zo | 47 | 44 | 6 | 5 | - | - | 8 | 8 | - | 10 | · | 1 | czozo | czoopzo | 40 | 40 | Tr |
| Mildenhall | 28·5 | -10 | SW | 3 | zo | 47 | 45 | 5 | 5 | - | - | 8 | 5 | 8 | 9 | 40 | 1 | cmo | cmoiro | 45 | 44 | 0·1 |
| Bircham Newton | 27·7 | -14 | SW | 4 | zo | 47 | 44 | 6 | 5 | - | - | 8 | 5 | 8 | 9 | 40 | | cmo | crororomo | 44 | 43 | 2 |
| Cranwell | 26·6 | -10 | SW | 4 | zo | 46 | 45 | 5 | 5 | - | - | 8 | 4 | 8 | 30 | 40 | 1 | cmocirom | cmcmo | 45 | 43 | 0·3 |
| Cranfield | 29·2 | -10 | WSW | 4 | zo | 45 | 43 | 6 | 5 | - | - | 8 | 8 | - | 5 | - | 1 | cmoidocm. | cmo | 45 | 41 | — |
| Honiley | 28·8 | -8 | SW | 4 | zo | 44 | 43 | 5 | 5 | - | - | 8 | 6 | 8 | 6 | 15 | 1 | cmo | cidomo | 43 | 43 | Tr |
| Little Rissington | 29·2 | -12 | WSW | 4 | f | 43 | 43 | 2 | - | - | - | 9 | 9 | - | 0 | - | 1 | cmocm | oFomoF | 43 | 42 | 0·3 |
| Shobden | 28·9 | -10 | S | 3 | ido | 46 | 44 | 6 | 5 | - | · | 8 | 4 | 4 | 9 | 15 | 1 | c | ccido | 45 | 44 | 0·1 |
| Bristol | 31·1 | -10 | SSW | 3 | zo | 42 | 42 | 5 | 4 | - | 6 | 5 | 4 | 5 | 30 | - | 1 | cm | cmododcmo | 42 | 38 | Tr |
| Chivenor | 30·8 | -14 | SW | 3 | zo | 45 | 43 | 6 | 5 | - | · | 8 | 8 | - | 10 | - | 1 | ccmo | idomodmo | 44 | 43 | - |
| Yeovilton | 21·5 | -8 | SSW | 2 | cf | 43 | 42 | 5 | 5 | - | · | 8 | 8 | - | 10 | · | 1 | czcm | cmcz | 42 | * | Tr |
| Portland Bill | 32·2 | -8 | SSW | 3 | c-bc | 42 | 40 | 7 | 5 | - | · | 5 | 5 | - | 50 | · | 1 | oo | oc | 41 | * | - |
| Exeter | 31·6 | -14 | SSE | 1 | zo | 41 | 40 | 6 | 5 | - | · | 8 | 8 | - | 8 | · | 1 | dFcm | cmoomo | 40 | 35 | - |
| Plymouth | 32·4 | -6 | WSW | 3 | c | 45 | 43 | 7 | 5 | - | · | 8 | 5 | 8 | 7 | 15 | 1 | cdodomoc | c | 43 | 42 | Tr |
| St. Eval | 32·0 | -8 | SSW | 3 | zo | 44 | 44 | 5 | 5 | - | · | 8 | 8 | - | 1 | - | 1 | cmoom | omcmomo | 42 | 42 | Tr |
| The Lizard | 22·1 | -10 | NW'W | 4 | c/b | 44 | 44 | 6 | 5 | - | · | 8 | 8 | - | 10 | · | 1 | c | cmoid | 44 | * | Tr |
| Scilly, St. Marys | 31·2 | -10 | WSW | 4 | ido | 47 | 47 | 5 | 5 | - | - | 8 | 8 | - | 8 | · | 1 | c | cido | 45 | * | 0·3 |
| Fairwood | 30·6 | -12 | SW | 4 | dodo | 45 | 45 | 5 | 5 | - | - | 8 | 5 | 8 | 3 | 8 | 1 | oFdod. | ofmo | 43 | 41 | 3 |
| Pembroke | 29·2 | -8 | SW'S | 4 | rr | 46 | 46 | 6 | 5 | 2 | - | 8 | 4 | 4 | 18 | - | 1 | odFo | cprrrmo | 43 | * | 0·5 |
| Aberporth | 28·9 | -4 | WSW | 4 | d+ | 47 | 46 | 6 | 5 | - | - | 8 | 8 | - | 8 | · | 1 | * | idomdmo | 41 | 41 | 7 |
| Penrhos | 28·5 | +10 | WNW | 3 | zo | 43 | 42 | 6 | 5 | - | - | 8 | 5 | 8 | 10 | 25 | 1 | oF | crorozocmo | 42 | 41 | 3 |
| Holyhead, Valley | 29·0 | +10 | NNW | 3 | e | 42 | 42 | 7 | 8 | - | · | 8 | 8 | - | 25 | - | 1 | dodofpirof | cpromo | 41 | 41 | 4 |
| Hawarden | 27·7 | +4 | NW'N | 3 | roro | 43 | 43 | 5 | 6 | 2 | - | 8 | 4 | 8 | 12 | 40 | 1 | cmcmoc | idomcromo | 41 | 40 | 1 |
| Manchester | 27·1 | +2 | W'N | 3 | m/r | 45 | 45 | 4 | 5 | - | - | 8 | 8 | - | 23 | · | 1 | dffcmo | cmdororm | 41 | 41 | 2 |
| Squires Gate | 27·4 | +10 | NNW | 3 | c/d | 42 | 40 | 6 | 5 | - | - | 8 | 8 | - | 7 | · | 1 | dodofcm | rofFmo | 39 | 39 | 3 |
| Silloth | 27·9 | +2 | - | 0 | c | 40 | 39 | 7 | 5 | 7 | · | 8 | 4 | 7 | 28 | - | 1 | cmoiroromo | crorozmoc | 39 | * | 7 |
| Ashbourne | 27·6 | -10 | SW'W | 3 | ido | 45 | 44 | 5 | 5 | - | - | 8 | 5 | 8 | 6 | 15 | 1 | cmocidomo | cmcmo | 43 | 42 | 2 |
| Snaith | 26·3 | -14 | SW | 2 | roro | 48 | 46 | 4 | 5 | - | - | 8 | 8 | - | 20 | - | 1 | cmodof. | cfrrm | 44 | 41 | 2 |
| Spurn Head | 26·1 | -12 | SW'W | 4 | zo | 46 | 44 | 6 | 5 | - | - | 8 | 8 | - | 25 | · | 1 | idoom. | omo | 42 | * | 1 |
| Leeming | 26·8 | -2 | NW | 2 | ido | 40 | 40 | 5 | 5 | - | - | 8 | 3 | 8 | 6 | 8 | 1 | oroiomo | prmo | 40 | 39 | - |
| Tynemouth | 27·7 | -6 | NW | 2 | zo | 40 | 40 | 6 | - | 2 | - | 8 | 8 | - | 15 | - | 1 | oirmo | oiromo | 40 | 39 | 4 |
| Acklington | 27·0 | -2 | - | 0 | c | 39 | 37 | 7 | 5 | 2 | - | 8 | 3 | 8 | 25 | 40 | 1 | ccrcr | crororoc | 38 | 36 | 4 |
| St. Abb's Head | 26·5 | 0 | W | 3 | b-bc | 39 | 36 | 8 | 4 | 4 | - | 3 | 3 | 2 | 20 | - | 0 | cmoprorore | crobc | 38 | * | 0·5 |
| Leuchars | 26·4 | -2 | SW | 1 | bc | 37 | 36 | 7 | - | 4 | 2 | 4 | 2 | 3 | 100 | - | 1 | cirocirom. | cirobcmobc | 37 | * | Tr |
| Montrose | 26·3 | -4 | SW | 2 | b | 35 | 32 | 7 | 5 | 4 | - | 1 | 1 | 1 | 30 | · | 0 | c | cb | 33 | 29 | - |
| Abbotsinch | 27·4 | -4 | - | 0 | bc/pr | 39 | 38 | 7 | 8 | - | · | 4 | 4 | - | 20 | - | 1 | crorom.bc | cprmobc | | 29 | 3 |
| Prestwick | 28·0 | 0 | - | 0 | zo | 42 | 39 | 6 | 5 | - | - | 7 | 4 | 6 | 16 | 40 | 1 | crorod. | cidomcmo | 40 | 38 | Tr |
| West Freugh | 28·2 | 0 | N·W | 1 | c | 40 | 39 | 8 | 5 | - | - | 7 | 4 | 7 | 35 | - | 1 | cror.mcroro | crorocbcc | 36 | 31 | 3 |
| Eskdalemuir | 27·7 | +2 | - | 0 | fg | 31 | 29 | 6 | 5 | - | - | 4 | 4 | - | 15 | - | 1 | errmo | crrmocfb | 30 | 28 | 3 |
| Jurby, I. of Man | 28·9 | -6 | NW | 3 | c | 42 | 38 | 7 | 5 | - | · | 8 | 2 | 8 | 12 | 15 | 1 | cirorom. | cmoc | 40 | 38 | 3 |
| Machrihanish | 28·1 | -2 | W'S | 3 | bc | 42 | 37 | 7 | 8 | 4 | - | 4 | 2 | 4 | 15 | 25 | 1 | rrir | ircorbc | 41 | 39 | 1 |
| Tiree | 26·8 | -2 | WSW | 2 | b-bc | 37 | 36 | 8 | 3 | 4 | - | 3 | 3 | 3 | 20 | · | 1 | cbmoprobcm. | bccpro | 35 | 30 | 0·5 |
| Oban | 27·2 | -6 | E | 1 | b | 38 | 36 | 8 | 8 | - | - | 2 | 2 | 2 | 30 | 57 | 0 | crororc | cprob | 36 | * | * |
| Stornoway | 23·1 | -8 | SSW | 3 | bc/pr | 36 | 34 | 8 | 3 | · | 8 | 4 | 3 | 4 | 18 | - | 1 | bcprob | bccproc | 34 | 27 | 0·5 |
| Cape Wrath | | | | | | | | | | | | | | | | | 1 | | | 39 | * | Tr |
| Dalwhinnie | 26·0 | -4 | S | 2 | bc | 35 | 31 | 7 | 5 | - | · | 4 | 4 | - | 25 | - | 1 | * | obc | 32 | 26 | Tr |
| Aberdeen | 25·7 | -6 | NW | 1 | b-bc | 34 | 31 | 8 | 5 | 3 | - | 3 | 1 | 3 | 40 | - | 1 | c2bcmo | bcmob | 33 | 22 | - |
| Fraserburgh | 25·2 | -6 | W'S | 3 | c-bc | 34 | 31 | 8 | 5 | 4 | · | 5 | 2 | 2 | 40 | · | 1 | cpro.c | cbcb | 32 | * | - |
| Alness | 25·3 | -6 | WSW | 2 | b-bc | 37 | 33 | 9 | 5 | - | 6 | 3 | 2 | 3 | 25 | · | 1 | cprobcb | bbcbcw | 35 | 27 | 0·2 |
| Wick | 22·9 | -14 | SW | 3 | bc | 37 | 32 | 8 | - | · | 2 | 4 | 4 | - | - | - | 0 | cbc | bcbbc | 34 | 28 | - |
| Hatston | 22·1 | -10 | SW | 4 | c-bc | 37 | 36 | 8 | 3 | 6 | 8 | 5 | 4 | 4 | 20 | - | 1 | bc prbc | bcc | 35 | * | Tr |
| Sumburgh | 19·9 | -16 | SW'W | 5 | c-bc | 41 | 35 | 7 | 3 | - | · | 5 | 5 | - | 18 | · | 1 | bcpr | bcphobc | 38 | 36 | 1 |
| Sullom Voe | 19·2 | -8 | WSW | 6 | PR | 39 | 35 | 6 | 3 | - | · | 7 | 7 | - | 15 | · | 4 | bcpro | bcprobprc | 34 | 31 | 9 |
| Blacksod Point † | 30·5 | 0 | W'N | 2 | b-bc | 43 | 38 | 8 | 8 | - | · | 3 | 3 | - | 25 | · | 1 | r | b | 38 | * | 1 |
| Malin Head † | 27·5 | -4 | SW'W | 2 | bc | 40 | 36 | 8 | 8 | - | · | 4 | 4 | - | 15 | - | 1 | | bc | 39 | * | 1 |
| Aldergrove | 29·7 | +2 | SSW | 1 | b-bc | 37 | 36 | 8 | 5 | - | · | 3 | 2 | 3 | 20 | 40 | 2 | crrmoidom. | cmobcb | 36 | 31 | 2 |
| Cas. Archdale | 30·3 | -2 | WNW | 2 | bc | 40 | 39 | 7 | 9 | 6 | 3 | 4 | 4 | 2 | 18 | 25 | 1 | crorc | ccproc | 38 | 34 | 1 |
| Birr Castle † | 30·8 | +6 | WNW | 1 | c-bc | 35 | 34 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 1 | * | r | 35 | 31 | 6 |
| Collinstown † | 30·3 | +6 | W'S | 3 | b | 37 | 36 | 8 | 5 | 3 | · | 3 | 2 | - | 25 | - | 1 | r | bc | 36 | 33 | 8 |
| Foynes † | 31·3 | +8 | - | 0 | c-bc | 41 | 39 | 8 | 5 | 3 | 5 | 5 | 3 | - | 40 | - | 1 | r | bc | 40 | 34 | 4 |
| Valentia † | 32·1 | +10 | N | 3 | oc | 44 | 39 | 8 | 8 | - | 3 | 4 | 4 | - | 22 | - | 1 | c | bc | 43 | 38 | 1 |
| Roches Point † | 30·7 | +14 | NW | 5 | c-bc | 45 | 43 | 8 | 5 | - | - | 5 | 5 | - | 15 | - | 1 | r | c | 43 | * | 1 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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

0 = Nil 2 = 1/10 4 = 1/4 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.
‡ Second figure in col. (33) gives depth of snow in inches.

# CONFIDENTIAL

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

Saturday 24th February 1945

No. 30410

### OBSERVATIONS at 12h. G.M.T. 23rd February

| 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) | 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 B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 30.2 | −2 | SW | 3 | 2o | 45 | 42 | 6 | 5 | – | – | 7 | 4 | 7 | 25 | 40 |
| | Croydon ... | 31.0 | −6 | SW'S | 3 | 2o | 46 | 41 | 6 | 5 | 7 | – | 8 | 5 | 8 | 9 | – |
| | Boscombe Down | 30.8 | +2 | SW'S | 2 | c | 45 | 43 | 7 | 5 | – | – | 8 | 4 | 8 | 10 | 25 |
| | Thorney Island | 31.3 | −2 | WSW | 2 | 2o | 46 | 42 | 5 | 5 | 2 | – | 8 | 7 | 8 | 12 | – |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 31.2 | −2 | WSW | 3 | c | 46 | 39 | 7 | 5 | 7 | 2 | 7 | 3 | 5 | 20 | – |
| | Manston ... | 30.4 | 0 | SW'W | 3 | 2o | 46 | 40 | 6 | 5 | 7 | – | 8 | 5 | 8 | 62 | – |
| 2 | North Weald | 30.0 | −2 | SW | 3 | of | 45 | 42 | 3 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Felixstowe ... | 28.9 | −12 | WSW | 4 | m | 45 | 42 | 4 | 5 | – | – | 8 | 5 | 8 | 15 | 40 |
| | Gorleston ... | 29.6 | −22 | W | 3 | rr | 49 | 44 | 5 | 5 | – | – | 8 | 8 | – | 12 | – |
| | Mildenhall | 18.0 | −2 | WSW | 4 | ir. | 47 | 44 | 6 | 5 | – | – | 8 | 8 | – | 10 | – |
| | Bircham Newton | 27.5 | 0 | WSW | 4 | r.r. | 46 | 46 | 5 | – | 2 | – | 8 | 8 | – | 8 | – |
| | Cranwell ... | 28.0 | +10 | NW | 2 | d.d. | 45 | 43 | 4 | 5 | – | – | 8 | 8 | – | 4 | – |
| 3 | Cranfield ... | 29.0 | −2 | WS | 4 | r.r. | 45 | 43 | 6 | 5 | – | – | 8 | 6 | 8 | 5 | 25 |
| | Honiley ... | 29.4 | +10 | NW | 3 | d.d. | 42 | 42 | 4 | 5 | – | – | 8 | 6 | 8 | 4 | 15 |
| 4 | Little Rissington | 29.6 | +2 | WSW | 4 | c/r | 44 | 42 | 6 | 5 | – | – | 8 | 8 | – | 5 | – |
| | Shobden ... | 30.8 | +18 | NNW | 3 | r.r. | 45 | 43 | 8 | 5 | – | – | 8 | 5 | 8 | 12 | 15 |
| 5 | Bristol ... | 30.5 | −2 | S | 1 | 2o | 46 | 44 | 6 | 5 | 2 | – | 8 | 4 | 8 | 8 | 40 |
| | Chivenor ... | 30.9 | +4 | WNW | 3 | d.d. | 47 | 47 | 5 | 5 | – | – | 8 | 6 | 8 | 2 | 4 |
| | Yeovilton | 30.7 | +4 | S'W | 2 | c | 48 | 45 | 7 | 5 | – | – | 8 | 4 | 8 | 9 | 15 |
| | Portland Bill | 31.4 | +4 | WSW | 3 | c | 45 | 43 | 8 | 5 | – | – | 8 | 8 | – | 50 | – |
| | Exeter ... | 31.3 | −2 | WSW | 3 | c | 49 | 44 | 7 | 5 | – | – | 8 | 8 | – | 18 | – |
| | Plymouth ... | 31.9 | −2 | WSW | 4 | d.d. | 46 | 46 | 4 | 5 | – | – | 8 | 8 | – | 0 | – |
| | St. Eval ... | 31.7 | 0 | WSW | 4 | d.f | 47 | 47 | 1 | 5 | – | – | 8 | 8 | – | 0 | – |
| | The Lizard | 31.9 | 0 | W'S | 4 | d.d. | 47 | 47 | 5 | 5 | – | – | 8 | 8 | – | 10 | – |
| | Scilly, St. Marys | 31.6 | +4 | WSW | 4 | ir. | 48 | 48 | 4 | 5 | – | – | 8 | 8 | – | 3 | – |
| 6 | Fairwood ... | 31.3 | +16 | N'W | 5 | r.r. | 44 | 44 | 5 | 5 | – | – | 8 | 5 | 8 | 4 | 8 |
| | Pembroke ... | 32.2 | +22 | N'W | 3 | c | 43 | 42 | 8 | 8 | 2 | – | 7 | 4 | 3 | 21 | – |
| | Aberporth ... | 32.1 | +16 | NNW | 3 | r.r. | 42 | 40 | 6 | 5 | – | – | 8 | 3 | 8 | 8 | 25 |
| 7 | Penrhos ... | 31.5 | +18 | NNW | 3 | c | 44 | 39 | 7 | 8 | 7 | – | 7 | 3 | 4 | 12 | 25 |
| | Holyhead, Valley | 32.2 | +18 | NW'N | 3 | c-bc | 44 | 39 | 8 | 8 | 6 | – | 5 | 3 | 4 | 10 | 40 |
| | Hawarden ... | 30.8 | +16 | NW | 4 | c | 43 | 41 | 8 | 5 | – | – | 7 | 2 | 7 | 10 | 25 |
| 8 | Manchester | 29.9 | +16 | NW | 4 | 2o | 43 | 43 | 5 | 5 | – | – | 8 | 5 | 8 | 12 | 15 |
| | Squires Gate | 30.5 | +20 | NW | 3 | c | 43 | 39 | 7 | 5 | 7 | 6 | 7 | 4 | – | 25 | – |
| | Silloth ... | 29.5 | +6 | SW'W | 3 | c-bc | 46 | 40 | 8 | 8 | 6 | 2 | 5 | 4 | 2 | 18 | – |
| | Ashbourne ... | 29.7 | +16 | WSW | 3 | 2o | 42 | 38 | 6 | 5 | – | – | 8 | 5 | 8 | 7 | 25 |
| 9 | Snaith ... | 29.3 | +14 | NW | 3 | r.d. | 41 | 40 | 5 | 6 | 2 | – | 8 | 5 | 8 | 10 | 15 |
| 10 | Spurn Head | 27.9 | +14 | N'W | 3 | 2o | 42 | 42 | 7 | 5 | – | – | 8 | 8 | – | 15 | – |
| | Leeming | 28.5 | +6 | NNW | 1 | c | 44 | 39 | 8 | 5 | – | – | 6 | 4 | 3 | 18 | 40 |
| | Tynemouth | 28.6 | +12 | W | 3 | 2o | 47 | 39 | 6 | 2 | 3 | – | 4 | 3 | 2 | 27 | – |
| | Acklington | 28.1 | +6 | WNW | 4 | bc | 45 | 35 | 8 | 1 | 4 | 2 | 4 | 8 | 2 | 25 | – |
| 11 | St. Abb's Head | 26.0 | 0 | W | 2 | c-bc | 42 | 36 | 8 | 1 | 4 | – | 5 | 3 | 4 | 25 | – |
| | Leuchars ... | 27.0 | +2 | W | 3 | c-bc | 45 | 38 | 8 | 1 | 6 | 6 | 5 | 2 | 4 | 30 | – |
| | Montrose ... | 26.8 | +2 | SW | 2 | bc | 42 | 34 | 9 | 5 | 4 | 9 | 4 | 2 | 3 | 30 | – |
| 12 | Abbotsinch | 28.1 | 0 | W | 2 | c-bc | 43 | 40 | 7 | 2 | 7 | – | 5 | 3 | 4 | 10 | 25 |
| | Prestwick ... | 29.4 | +8 | W'S | 4 | bc | 47 | 40 | 7 | 5 | – | 2 | 4 | 3 | 4 | 25 | 40 |
| | West Freugh | 29.7 | +12 | W | 4 | b-bc | 45 | 40 | 9 | 8 | 4 | – | 3 | 3 | 1 | 25 | 57 |
| | Eskdalemuir | 28.5 | +6 | W | 2 | c | 41 | 35 | 8 | 8 | – | – | 6 | 6 | – | 16 | – |
| | Jurby, I. of Man | 30.9 | +8 | W | 3 | bc/pr | 44 | 42 | 8 | 7 | 4 | – | 4 | 2 | 3 | 14 | 40 |
| 13A | Machrihanish | 29.9 | +12 | WSW | 4 | c-bc/pr | 44 | 39 | 8 | 8 | 6 | 3 | 5 | 3 | 4 | 18 | 25 |
| | Tiree ... | 27.6 | +2 | W'S | 3 | b-bc | 45 | 43 | 9 | 3 | 6 | 3 | 3 | 1 | 3 | 10 | 25 |
| | Oban ... | 28.0 | +2 | SSW | 3 | c-bc-jp | 43 | 38 | 8 | 8 | – | – | 5 | 3 | 5 | 20 | 40 |
| 13B | Stornoway ... | 29.2 | −4 | SW | 5 | bc-jb | 45 | 36 | 8 | 8 | 6 | 4 | 4 | 4 | 3 | 18 | – |
| | Cape Wrath | 20.1 | −4 | SW | 5 | bc | 42 | 32 | 9 | 8 | 4 | 7 | 4 | 3 | – | 25 | – |
| 15 | Dalwhinnie | 26.5 | 0 | WSW | 4 | bc | 41 | 33 | 8 | 8 | – | – | 4 | 4 | – | 25 | – |
| | Aberdeen ... | 25.7 | +2 | WSW | 2 | b-bc | 46 | 32 | 8 | 1 | – | 1 | 3 | 1 | 3 | – | – |
| | Fraserburgh | 25.1 | 0 | WNW | 4 | b-bc | 45 | 34 | 9 | 1 | 4 | 1 | 3 | 2 | 1 | 30 | – |
| | Alness ... | 25.3 | −2 | SW | 4 | b-bc | 44 | 37 | 9 | 2 | 6 | – | 3 | 2 | 3 | 25 | – |
| | Wick ... | 23.1 | 0 | SW | 5 | b | 45 | 34 | 9 | 8 | – | – | 1 | 1 | – | 25 | – |
| 16 | Hatston ... | 21.6 | 0 | SWW | 6 | c-jp | 43 | 36 | 8 | 5 | – | – | 6 | 4 | 4 | 20 | 40 |
| | Sumburgh ... | 19.6 | −2 | WSW | 6 | bc | 41 | 37 | 8 | 3 | – | – | 4 | 4 | – | 20 | – |
| | Sullom Voe | 18.1 | −4 | SSW | 4 | bc/pr | 41 | 35 | 8 | 3 | 3 | – | 4 | 4 | 2 | 20 | – |
| 17 | Blacksod Point † | 32.7 | +10 | W'N | 3 | b-bc | 48 | 38 | 8 | 8 | – | 3 | 3 | 3 | – | 25 | – |
| 18 | Malin Head † | 29.0 | +8 | NNE | 3 | pr | 46 | 37 | 8 | 8 | – | – | 4 | 4 | – | 25 | – |
| | Aldergrove | 31.3 | +4 | WSW | 3 | b-bc | 44 | 40 | 9 | 1 | – | – | 3 | 3 | – | 20 | – |
| | Cas. Archdale | 32.2 | +14 | W | 2 | bc | 46 | 41 | 8 | 8 | – | – | 4 | 3 | 3 | 20 | 40 |
| 19 | Birr Castle ... † | 33.4 | +8 | NNW | 2 | bc | 48 | 37 | 8 | 4 | – | – | 4 | 4 | – | 25 | – |
| | Collinstown † | 32.4 | +6 | W'N | 4 | bc | 44 | 37 | 8 | 2 | 4 | – | 4 | 4 | – | 23 | – |
| 20 | Foynes ... † | 34.1 | +10 | NNW | 4 | bc | 48 | 38 | 8 | 2 | – | – | 4 | 4 | – | 25 | – |
| | Valentia ... † | 35.4 | +12 | NNW | 3 | bc | 47 | 37 | 9 | 2 | – | – | 4 | 4 | – | 29 | – |
| | Roches Point † | 33.8 | +8 | N | 4 | b-bc | 48 | 41 | 8 | 1 | – | – | 3 | 3 | – | 40 | – |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

### OBSERVATIONS at 18h. G.M.T. 23rd February

| 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 B. (32) | State of Ground. ‡ 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 32.0 | +20 | NNW | 3 | r.r. | 45 | 40 | 5 | 5 | 2 | – | 8 | 2 | 8 | 18 | 25 | 1 |
| Croydon ... | 31.6 | +8 | NW | 2 | m/r | 45 | 40 | 4 | 5 | – | – | 8 | 5 | 8 | 6 | 15 | 1 |
| Boscombe Down | 32.1 | +14 | N | 2 | 2o | 43 | 39 | 6 | 5 | – | – | 8 | 5 | 8 | 10 | 15 | 0 |
| Thorney Island | 31.2 | +8 | S'W | 3 | cf | 46 | 46 | 3 | 5 | – | – | 8 | 7 | 8 | 5 | 15 | 1 |
| Friston ... | | | | | | | | | | | | | | | | | |
| Lympne ... | 30.6 | +2 | W'S | 1 | ir. | 44 | 43 | 5 | 5 | – | – | 8 | 4 | 8 | 8 | 8 | 1 |
| Manston ... | 30.0 | +6 | WNW | 2 | r.r. | 45 | 44 | 4 | 5 | 2 | – | 8 | 6 | 8 | 4 | 25 | 1 |
| North Weald | 31.5 | +18 | WNW | 4 | r.r. | 43 | 41 | 4 | 5 | – | – | 8 | 4 | 8 | 8 | 15 | 1 |
| Felixstowe ... | 29.8 | +6 | NNW | 2 | 2o | 45 | 43 | 5 | 5 | – | – | 8 | 5 | 8 | 15 | 25 | 1 |
| Gorleston ... | 29.1 | +14 | N'W | 3 | ir. | 42 | 38 | 6 | 6 | – | – | 8 | 8 | – | 8 | – | 1 |
| Mildenhall | 31.0 | +22 | N'W | 2 | d.d. | 42 | 42 | 5 | 5 | – | – | 8 | 5 | 8 | 6 | 8 | 1 |
| Bircham Newton | 31.1 | +18 | NNW | 3 | r.r. | 41 | 40 | 5 | 6 | 2 | – | 8 | 5 | 8 | 7 | 15 | 1 |
| Cranwell ... | 31.3 | +22 | WNW | 2 | m | 42 | 41 | 4 | 5 | – | – | 5 | 5 | – | 20 | – | 1 |
| Cranfield ... | 31.3 | +16 | NNW | 3 | 2o | 43 | 37 | 5 | 5 | 7 | – | 6 | 5 | 6 | 20 | – | 1 |
| Honiley ... | 32.2 | +14 | NNW | 3 | 2o | 40 | 37 | 5 | – | 4 | – | 3 | 3 | – | – | – | 1 |
| Little Rissington | 32.6 | +16 | N | 2 | 2o | 40 | 36 | 6 | 5 | 3 | – | 4 | 3 | 3 | 8 | 40 | 1 |
| Shobden ... | 33.3 | +12 | NW | 3 | b-bc | 40 | 36 | 8 | 4 | 4 | – | 3 | 2 | 2 | 30 | – | 1 |
| Bristol ... | 33.1 | +20 | NNE | 2 | 2o | 43 | 40 | 8 | 5 | 4 | – | 5 | 2 | 5 | 4 | 25 | 1 |
| Chivenor ... | 33.8 | +16 | N'W | 3 | b-bc | 43 | 38 | 8 | 2 | 3 | – | 3 | 2 | 2 | 20 | – | 1 |
| Yeovilton | 31.7 | +12 | N | 2 | c/r | 46 | 44 | 6 | 5 | – | – | 8 | 5 | 8 | 8 | 15 | 1 |
| Portland Bill | 31.2 | +2 | SSW | 3 | c | 46 | 44 | 7 | 5 | – | – | 8 | 8 | – | 50 | – | 1 |
| Exeter ... | 33.0 | +18 | NW | 4 | c-bc | 45 | 38 | 7 | 5 | 3 | – | 5 | 3 | 5 | 15 | 72 | 1 |
| Plymouth ... | 33.6 | +18 | NE'N | 4 | c-bc/r | 45 | 40 | 8 | 5 | 4 | – | 5 | 4 | 4 | 10 | 40 | 1 |
| St. Eval ... | 34.4 | +14 | N | 4 | c-bc | 43 | 40 | 8 | 5 | – | – | 5 | 4 | 5 | 0 | 15 | 0 |
| The Lizard | 33.0 | +12 | NNE | 3 | c-bc | 44 | 42 | 8 | 8 | 3 | – | 5 | 4 | 4 | 20 | 40 | 0 |
| Scilly, St. Marys | 34.7 | +18 | N'E | 5 | c-bc | 45 | 40 | 8 | 5 | 7 | – | 5 | 5 | 2 | 22 | 40 | 1 |
| Fairwood ... | 34.5 | +18 | N | 3 | b-bc | 41 | 36 | 7 | 5 | 3 | – | 3 | 3 | 1 | 20 | – | 0 |
| Pembroke ... | 35.9 | +26 | N'W | 2 | b-bc | 43 | 38 | 8 | 2 | – | – | 3 | 3 | – | 25 | – | 1 |
| Aberporth ... | 34.5 | +18 | NNW | 1 | b | 40 | 38 | 7 | 2 | – | – | 2 | 2 | – | 20 | – | 1 |
| Penrhos ... | 33.8 | +14 | WNW | 1 | b | 42 | 38 | 8 | 4 | – | – | 1 | 1 | – | 20 | – | 0 |
| Holyhead, Valley | 33.8 | +12 | WNW | 1 | b-bc | 42 | 39 | 9 | 2 | 3 | – | 3 | 2 | 2 | 20 | – | |
| Hawarden ... | 33.2 | +18 | WNW | 2 | b | 39 | 37 | 7 | 8 | – | – | 1 | 1 | – | 25 | – | 0 |
| Manchester | 32.7 | +22 | WNW | 3 | 2o | 42 | 37 | 6 | 2 | – | – | 2 | 2 | – | 15 | – | 1 |
| Squires Gate | 32.4 | +12 | W | 3 | b | 42 | 39 | 7 | 2 | 4 | – | 1 | 1 | – | 20 | – | 0 |
| Silloth ... | 31.4 | +18 | W | 3 | b-bc | 43 | 34 | 8 | 4 | 6 | – | 3 | 2 | 2 | 25 | – | 0 |
| Ashbourne ... | 32.4 | +16 | WNW | 4 | 2o | 40 | 34 | 6 | 5 | – | – | 3 | 3 | – | 25 | – | 0 |
| Snaith ... | 31.3 | +12 | W | 2 | 2o | 40 | 35 | 5 | 5 | – | – | 2 | 2 | – | 30 | – | 1 |
| Spurn Head | 30.3 | +12 | W'N | 2 | 2o | 42 | 40 | 6 | 5 | – | – | 5 | 5 | – | 25 | – | 1 |
| Leeming | 30.6 | +6 | WNW | 2 | b | 42 | 35 | 8 | 8 | – | – | 2 | 2 | – | 30 | – | 1 |
| Tynemouth | 28.8 | +6 | W | 3 | 2o | 43 | 37 | 6 | 2 | – | – | 3 | 3 | – | 27 | – | 1 |
| Acklington | 29.2 | +12 | W | 3 | b-bc | 42 | 33 | 7 | 4 | – | – | 3 | 3 | – | 25 | – | 0 |
| St. Abb's Head | 27.1 | +2 | W | 4 | b | 42 | 32 | 8 | 4 | 4 | – | 2 | 2 | 1 | 25 | – | 0 |
| Leuchars ... | 27.4 | +8 | SW | 3 | b | 43 | 37 | 8 | 5 | 4 | – | 1 | 1 | 1 | 30 | – | 1 |
| Montrose ... | 26.7 | +6 | SW | 3 | b-bc | 41 | 35 | 9 | 4 | 4 | 8 | 3 | 1 | 3 | 20 | – | 0 |
| Abbotsinch | 29.1 | +8 | WSW | 3 | c-bc/pr | 41 | 35 | 8 | 8 | – | – | 5 | 5 | – | 18 | – | 1 |
| Prestwick ... | 29.8 | +2 | W'S | 4 | b-bc | 44 | 35 | 8 | 2 | – | 1 | 3 | 2 | 2 | 25 | – | 1 |
| West Freugh | 31.0 | +10 | WSW | 1 | b | 42 | 37 | 9 | 4 | 4 | – | 2 | 2 | 1 | 30 | – | 0 |
| Eskdalemuir | 30.4 | +14 | W | 3 | b-pr | 38 | 33 | 8 | 8 | 3 | – | 4 | 3 | 2 | 25 | – | 1 |
| Jurby, I. of Man | 32.1 | +10 | WSW | 3 | b-pr | 43 | 39 | 8 | 8 | 6 | – | 4 | 1 | 4 | 30 | – | 1 |
| Machrihanish | 30.6 | +8 | W'S | 4 | bc | 43 | 32 | 8 | 5 | 7 | – | 4 | 3 | 4 | 25 | – | 0 |
| Tiree ... | 27.5 | +2 | WSW | 4 | c-jp | 43 | 41 | 9 | 8 | 6 | 7 | 8 | 3 | 3 | 25 | – | 1 |
| Oban ... | 28.6 | +6 | WSW | 4 | c | 42 | 36 | 9 | 2 | 6 | 7 | 8 | 3 | 1 | 25 | – | 1 |
| Stornoway ... | 21.9 | −4 | WSW | 5 | c-bc/pr | 40 | 37 | 8 | 8 | 6 | 8 | 5 | 3 | 4 | 10 | 40 | 1 |
| Cape Wrath | 19.5 | −2 | SW | 5 | pr | 41 | 36 | 9 | 8 | 7 | – | 5 | 4 | – | 25 | – | 1 |
| Dalwhinnie | 23.0 | 0 | WSW | 4 | c | 37 | 28 | 8 | 5 | – | – | 6 | 6 | – | 24 | – | 0 |
| Aberdeen ... | 25.4 | +4 | W'N | 2 | b | 43 | 29 | 7 | 1 | – | 2 | 1 | 1 | 1 | 40 | – | 1 |
| Fraserburgh | 25.2 | +6 | W | 3 | b | 40 | 32 | 9 | 4 | – | 1 | 2 | 2 | 1 | 30 | – | 0 |
| Alness ... | 24.7 | 0 | WSW | 5 | bc | 41 | 35 | 9 | 2 | 3 | 1 | 4 | 3 | 4 | 30 | – | 1 |
| Wick ... | 22.6 | −2 | SSW | 4 | bc | 39 | 32 | 9 | 8 | 4 | 8 | 4 | 2 | 3 | 15 | 25 | 0 |
| Hatston ... | 21.0 | 0 | SW'W | 5 | c | 41 | 35 | 7 | 8 | 4 | 6 | 7 | 3 | 3 | 20 | 25 | 1 |
| Sumburgh ... | 18.4 | −4 | WSW | 6 | c-bc | 43 | 37 | 7 | 3 | 6 | – | 5 | 5 | 2 | 20 | – | 1 |
| Sullom Voe | 16.8 | −6 | SW'S | 6 | c | 41 | 36 | 7 | 3 | 7 | 6 | 7 | 3 | 5 | 15 | – | 1 |
| Blacksod Point † | 33.2 | +2 | W | 2 | bc | 45 | 34 | 8 | 8 | – | 6 | 4 | 3 | – | 25 | – | 1 |
| Malin Head † | 29.6 | +6 | WSW | 5 | c-bc | 45 | 41 | 8 | 8 | – | – | 5 | 5 | – | 25 | – | |
| Aldergrove | 32.4 | +20 | WSW | 3 | bc | 42 | 35 | 8 | 8 | – | 5 | 4 | 4 | 4 | 25 | – | |
| Cas. Archdale | 33.1 | +2 | WSW | 3 | bc | 42 | 37 | 8 | 2 | 6 | 5 | 4 | 2 | 3 | 15 | 25 | 1 |
| Birr Castle ... † | 34.5 | +10 | WNW | 2 | bc | 46 | 35 | 8 | 5 | – | – | 4 | 4 | – | 25 | – | 1 |
| Collinstown † | 33.8 | +14 | W | 3 | bc-jp | 43 | 36 | 9 | 8 | – | 3 | 4 | 4 | – | 27 | – | 1 |
| Foynes ... † | 35.7 | +10 | NW'W | 4 | pr | 45 | 38 | 8 | 8 | – | – | 5 | 5 | – | 25 | – | 1 |
| Valentia ... † | 36.6 | +10 | W'S | 2 | pr | 47 | 40 | 8 | 8 | 4 | 3 | 7 | 6 | – | 25 | – | 1 |
| Roches Point † | 35.8 | +14 | N | 3 | b | 47 | 40 | 8 | 1 | – | – | 2 | | – | 40 | – | 1 |

### OBSERVATIONS during DAY

| Stations | Weather. 06h.–12h. (34) | Weather. 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|
| Kew ... | cm o | ir. r. cm o r. | 48 | 0.0 | 1 |
| Croydon ... | cm o | cm o ir. cm o | 49 | 0.0 | 4 |
| Boscombe Down | o e F e d c | cm o id. o ir. cm o | 47 | 0.0 | Tr |
| Thorney Island | cm o | cd. o d. o cf | 49 | * | Tr |
| Friston ... | | | | | |
| Lympne ... | cm cm o | cm o | 48 | 1.2 | Tr |
| Manston ... | cm o z o | c 2o m o ir. | 48 | 0.0 | 0.4 |
| North Weald | cf m o f | cm c r o r. o f c m | 46 | * | 3 |
| Felixstowe ... | cm | cir. o r. o m m o | 48 | 0.0 | 3 |
| Gorleston ... | o r r z | o i r z o | 49 | 0.0 | 2 |
| Mildenhall | cir. o m o | cr. o r. o m o | 47 | 0.0 | 4 |
| Bircham Newton | cr. o r. o m o | cd. o d. o m. o r r | 48 | 0.0 | 3 |
| Cranwell ... | cm o d. o d. o m | cd. o d. o m. o cm o | 49 | 0.0 | Tr |
| Cranfield ... | cm o cr. o r. o m o | cir. o m o cm o | 46 | * | 2 |
| Honiley ... | cir. o m o | cr. o r. cm o | 45 | 0.0 | 1 |
| Little Rissington | cm o ir. o cm o | cm o cr. o r. o m. o c | 44 | * | 1 |
| Shobden ... | cid. o r. o r. o | cr. o pr. o b c | 48 | * | 1 |
| Bristol ... | cm o d. o | cm o d d. o c m o | 48 | 0.0 | 2 |
| Chivenor ... | cd. o d. o d d m o | d. o d. o m. o c b c | 49 | 0.8 | 1 |
| Yeovilton | c 2 o c | c d r ir. o c m o | 48 | * | 1 |
| Portland Bill | c | o c | 46 | * | 0.3 |
| Exeter ... | c m o | c | 50 | 0.0 | – |
| Plymouth ... | cir. o d d. o | c d d ir. o c | 48 | 0.3 | 0.3 |
| St. Eval ... | o d. o d. o F F | o | 48 | 0.4 | 1 |
| The Lizard | o m d d | c | 47 | 0.0 | 0.5 |
| Scilly, St. Marys | c o i r | cir. o c | 48 | 0.0 | 1 |
| Fairwood ... | o r r f | cr. o r. c b c | 46 | * | 4 |
| Pembroke ... | c | c b c | 46 | 3.5 | 0.3 |
| Aberporth ... | o d f c r r d | cir. o b c b | 44 | 3.1 | 1 |
| Penrhos ... | c | b c b | 47 | 4.6 | – |
| Holyhead, Valley | c i d. o c | c j p b | 47 | * | – |
| Hawarden ... | c m o c | c b c | 47 | 3.7 | 0.1 |
| Manchester | c m i r. o m o | c m o b c 2 o | 44 | * | – |
| Squires Gate | c | b c b | 46 | * | – |
| Silloth ... | c m o c b c | c p r. o b c | 46 | * | Tr |
| Ashbourne ... | c d. o d. o m. o c m o | c m o b c z o | 45 | * | Tr |
| Snaith ... | c i d. o r. o m o | i d o r. o b m o | 46 | 0.3 | 0.2 |
| Spurn Head | o m o | c m o | 45 | 0.0 | Tr |
| Leeming | o i d. o m o c | | 45 | 2.9 | 0.1 |
| Tynemouth | b c m o | b c m o | 50 | * | – |
| Acklington | c b c | c b c | 49 | * | – |
| St. Abb's Head | b c m o | b c b | 45 | * | – |
| Leuchars ... | b c c | c b c b | 48 | 6.9 | – |
| Montrose ... | b x b c c b c | b c b y c | 45 | 7.0 | – |
| Abbotsinch | b c m o | c p r b c | 47 | 5.1 | 1 |
| Prestwick ... | pr. c m o b c | b c p r o b | 49 | * | 0.3 |
| West Freugh | c b c | b c b | 47 | * | – |
| Eskdalemuir | d c f g c | b c c p r o b c | 46 | 4.1 | 0.1 |
| Jurby, I. of Man | c b c c b | b c b b c j p p r o b c | 46 | * | Tr |
| Machrihanish | p r c b c p r c | b c | 47 | * | – |
| Tiree ... | b c b b c p h | b c c j p | 47 | 7.3 | 0.4 |
| Oban ... | b c p r o b c c | c p r c | 45 | * | * |
| Stornoway ... | b b c | b c c p r o b c | 46 | 6.4 | 1 |
| Cape Wrath | c p r. o b c | b c c p r | 45 | * | 0.4 |
| Dalwhinnie | c p r s. o b c | b c p r s c | 45 | 0.0 | Tr |
| Aberdeen ... | b x b | b y | 49 | 7.5 | – |
| Fraserburgh | b c x b | b b c b | 47 | 8.8 | – |
| Alness ... | b c b b c | b c p r. o b c | 47 | 2.5 | Tr |
| Wick ... | b c b | b c p r b c | 47 | 7.6 | Tr |
| Hatston ... | p r b p r c b c c | c p r b c c | 45 | * | 0.2 |
| Sumburgh ... | b c p h. o b c | b c c | 44 | 4.0 | 0.4 |
| Sullom Voe | c p h q b c | b c p r. o q p h. o b c | 44 | * | 3 |
| Blacksod Point † | b c | b c | 51 | * | – |
| Malin Head † | p r | b c | 46 | 6.8 | 0.4 |
| Aldergrove | b c | b c j p b c | 47 | 6.8 | Tr |
| Cas. Archdale | b c | b c y b c | 47 | * | 2 |
| Birr Castle ... † | b c | b c | 49 | 6.7 | – |
| Collinstown † | b c | b c | 48 | 8.2 | – |
| Foynes ... † | b c | p r | 50 | 7.7 | 0.3 |
| Valentia ... † | b c | b c | 49 | 8.5 | 0.1 |
| Roches Point † | b c | b c | 50 | * | – |

* Information not usually received.

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.

‡ See footnote p. 4.

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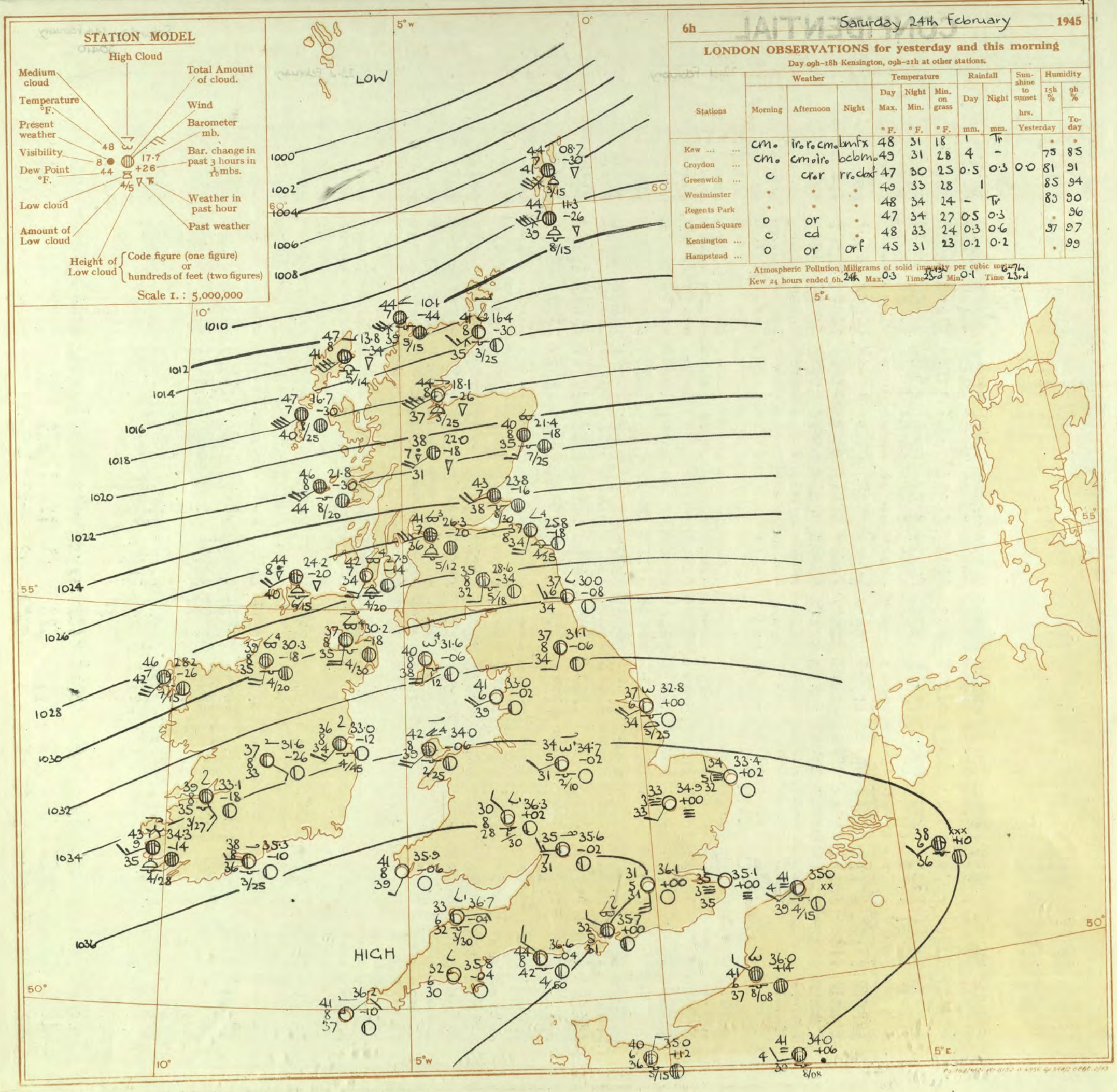
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.


STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in 1/10 mbs.
Dew Point °F.
Low cloud
Weather in past hour
Amount of Low cloud
Past weather
Height of Low cloud
Code figure (one figure) or hundreds of feet (two figures)
Scale 1. : 5,000,000
LOW
HIGH
6h Saturday 24th February 1945
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–21h at other stations.
Stations | Weather: Morning | Afternoon | Night | Temperature: Day Max. °F. | Night Min. °F. | Min. on grass °F. | Rainfall: Day mm. | Night mm. | Sunshine to sunset hrs. Yesterday | Humidity: 15h % | 9h % To-day
Kew ... cm. ir. r. cm. bmfx 48 31 18 1 Tr • •
Croydon ... cm. cm. ir. bcbm. 49 31 28 4 – 75 85
Greenwich ... c cr. r rr. cbxf 47 30 25 0.5 0.3 0.0 81 91
Westminster ... • • • 49 33 28 1 85 94
Regents Park ... • • • 48 34 24 – Tr 83 90
Camden Square ... o or • 47 34 27 0.5 0.3 • 96
Kensington ... c cd • 48 33 24 0.3 0.6 97 97
Hampstead ... o or orf 45 31 23 0.2 0.2 • 99
Atmospheric Pollution Miligrams of solid impurity per cubic metre
Kew 24 hours ended 6h. 24th Max. 0.3 Time 23rd Min. 0.1 Time 23rd
Mb

## GENERAL INFERENCE

Pressure is low in Iceland area and a trough is approaching our N.W. coasts from the Atlantic. A ridge of high pressure extends from Azores to Southern England and is weakening. Winds will be Westerly moderate or fresh in the South, strong to gale and squally in North, with severe gales in Northern Scotland. It will be mainly fair in the South, cloudy with rain at times in the North but with considerable fair periods tonight and tomorrow. It will be mild in the South, rather cold in the North.

## FURTHER OUTLOOK

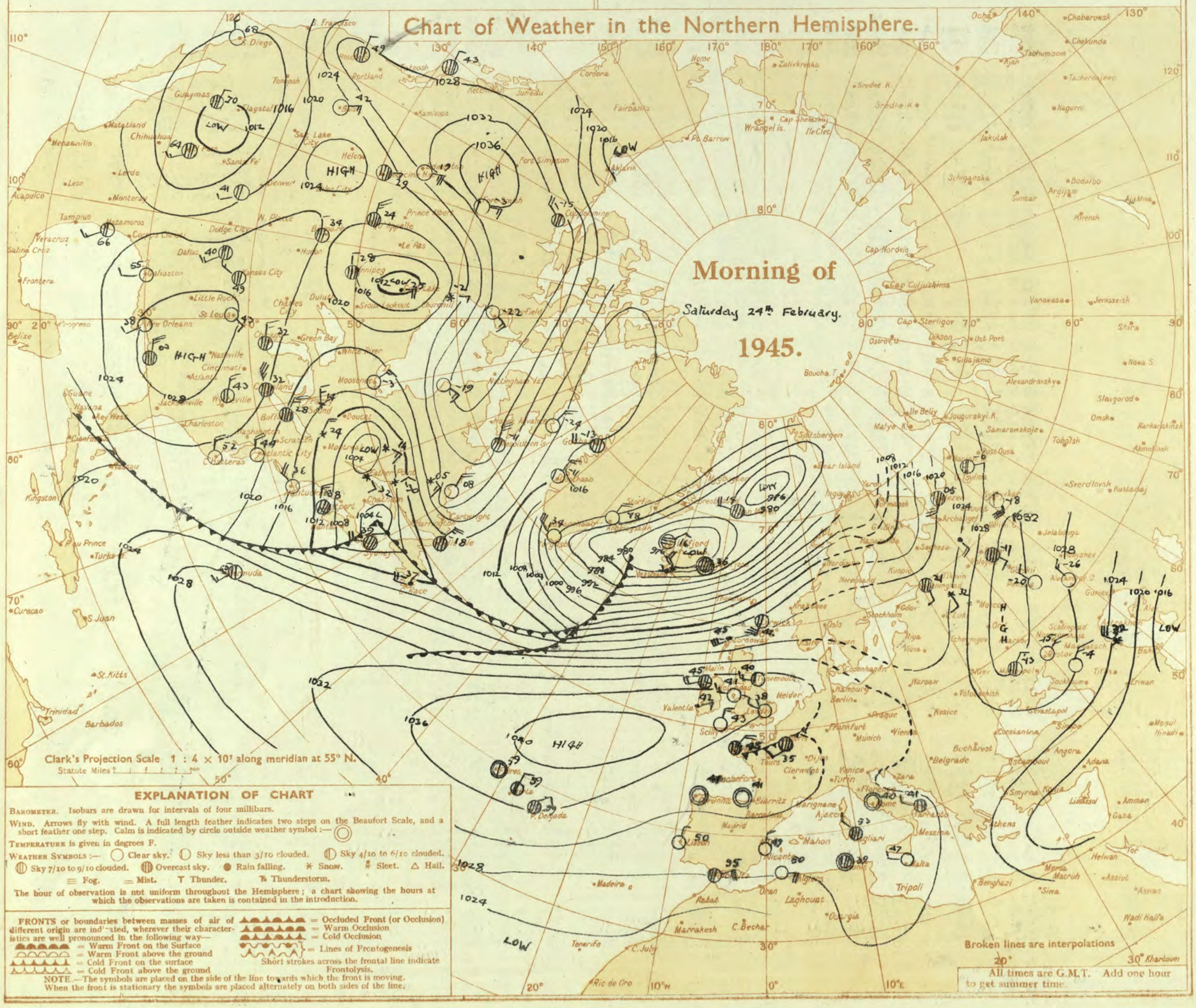
Fair in the South, unsettled in the North.

Gale warning in operation in districts 13A, 13B, 15, 16, 17, and 18

Time of issue 1940h 23rd Feb. 1945, and in districts 6, 7, 8, 9, 10, 11, 12

Time of issue 0505h. 24th Feb. 1945.

# 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.

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.

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 24th February 1945

No. 30410

## OBSERVATIONS at 00hr. G.M.T. 24th February

| 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 | | * | * | * | * | 38 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 35.5 | +18 | NNW | 2 | m | 38 | 36 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Boscombe Down | 417 | 35.7 | +10 | NW | 1 | ⊘ | 33 | 32 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Thorney Island | 10 | 34.7 | +14 | N | 2 | ⊘ | 38 | 35 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 33.9 | +14 | NW | 2 | ⊘ | 41 | 39 | 6 | 5 | - | - | 7 | 7 | - | 9 | - |
| | Manston ... | 140 | 33.7 | +16 | N | 2 | ⊘ | 39 | 39 | 5 | - | 3 | - | 1 | 1 | - | - | - |
| 2 | North Weald | 244 | 35.0 | +10 | NNW | 2 | m | 35 | 34 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Felixstowe ... | 10 | 33.7 | +16 | NW | 2 | ⊘ | 39 | 38 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Gorleston ... | 5 | 32.3 | +6 | WNW | 2 | m | 37 | 36 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Mildenhall | 15 | 34.1 | +10 | W | 2 | bf | 35 | 35 | 3 | - | - | - | 0 | 0 | 0 | - | - |
| | Bircham Newton | 221 | 33.7 | +12 | W | 3 | m | 36 | 35 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Cranwell ... | 203 | 34.2 | +16 | W | 3 | m | 35 | 34 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| 3 | Cranfield ... | 340 | 35.9 | +14 | WNW | 1 | m | 35 | 33 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Honiley ... | 427 | 35.5 | +10 | W | 1 | m | 35 | 34 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| 4 | Little Rissington | 731 | 35.4 | +10 | NNE | 3 | ⊘ | 37 | 34 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | Shobden ... | 318 | 36.0 | +6 | S | 2 | b | 38 | 32 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| 5 | Bristol ... | 209 | 36.1 | +6 | W | 1 | m | 36 | 35 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| | Chivenor ... | 20 | 36.9 | +10 | – | 0 | b | 34 | 33 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Yeovilton | 50 | 35.5 | +10 | – | 0 | bf+ | 30 | 30 | * | - | - | - | 0 | 0 | 0 | - | - |
| | Portland Bill | 32 | 36.0 | +10 | NW | 3 | bc | 46 | 44 | 8 | 5 | - | - | 4 | 4 | - | 50 | - |
| | Exeter ... | 100 | 36.1 | +14 | – | 0 | b | 37 | 34 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Plymouth ... | 86 | 36.6 | +8 | ESE | 2 | ⊘ | 37 | 33 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | St. Eval ... | 345 | 37.5 | +12 | – | 0 | ⊘ | 37 | 35 | 6 | - | - | - | 0 | 0 | 0 | - | - |
| | The Lizard | 240 | 35.6 | +4 | NNE | 3 | b | 39 | 38 | 7 | - | - | - | 0 | 0 | 0 | - | - |
| | Scilly, St. Marys | 163 | 37.3 | +10 | NNE | 3 | b | 43 | 38 | 8 | 1 | - | - | 2 | 2 | - | 25 | - |
| 6 | Fairwood ... | 268 | 37.2 | +10 | W | 2 | ⊘ | 33 | 33 | 5 | - | - | 1 | 2 | 2 | - | - | - |
| | Pembroke ... | 142 | 37.8 | +16 | WNW | 2 | b | 43 | 37 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 35.5 | +6 | – | 0 | ⊘ | 35 | 35 | 7 | 5 | - | - | 1 | 1 | - | 25 | - |
| | Holyhead, Valley | 32 | 35.3 | +6 | W | 3 | b-bc | 41 | 39 | 8 | 1 | 4 | - | 3 | 2 | 2 | 25 | - |
| | Hawarden | 15 | 34.6 | +6 | SW'S | 2 | b | 40 | 34 | 7 | - | 4 | - | 1 | 1 | - | - | - |
| 8 | Manchester | 230 | 34.8 | +6 | SSW | 2 | bf | 36 | 36 | 3 | - | - | - | 0 | 0 | 0 | - | - |
| | Squires Gate | 30 | 34.1 | +8 | W | 3 | b | 41 | 39 | 7 | - | 4 | 5 | 1 | 1 | 1 | - | - |
| | Silloth ... | 25 | 32.0 | +2 | WSW | 3 | c | 41 | 37 | 8 | - | - | 7 | 7 | - | - | - | - |
| 9 | Ashbourne ... | 590 | 35.0 | +10 | WSW | 2 | m | 35 | 35 | 4 | 5 | - | - | 2 | 2 | - | 10 | - |
| | Snaith ... | 30 | 34.2 | +12 | SW | 2 | m | 37 | 35 | 4 | - | - | - | 0 | 0 | 0 | - | - |
| 10 | Spurn Head | 29 | 33.0 | +12 | WNW | 4 | ⊘ | 41 | 37 | 6 | 5 | 4 | - | 4 | 3 | 3 | 25 | 5 |
| | Leeming | 105 | 32.8 | +10 | S | 1 | b | 38 | 30 | 8 | - | 4 | - | 1 | 1 | - | - | - |
| | Tynemouth | 108 | 31.4 | +2 | W | 3 | ⊘ | 40 | 35 | 6 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Acklington | 138 | 30.8 | +2 | SW | 3 | b | 37 | 32 | 8 | 5 | - | - | 1 | 1 | - | 30 | - |
| 11 | St. Abb's Head | 280 | 29.1 | +8 | SW | 3 | bc | 37 | 33 | 8 | - | 4 | - | 4 | 4 | - | - | - |
| | Leuchars ... | 31 | 27.2 | -10 | SSW | 3 | ⊘ | 38 | 36 | 6 | - | 1 | - | 3 | 3 | - | - | - |
| | Montrose ... | 22 | 26.9 | -8 | SW | 2 | c-bc | 37 | 34 | 8 | - | 3 | 2 | 5 | 4 | 3 | - | - |
| 12 | Abbotsinch | 19 | 29.1 | -6 | SWS | 4 | c/pr | 42 | 37 | 7 | 8 | - | - | 6 | 4 | 4 | 20 | 25 |
| | Prestwick ... | 30 | 31.0 | +2 | SW'S | 4 | c-bc | 43 | 37 | 7 | 8 | - | - | 5 | 2 | 4 | 20 | 40 |
| | West Freugh | 53 | 31.7 | -2 | WSW | 4 | c-bc | 40 | 38 | 8 | - | - | 8 | 5 | - | 5 | - | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 33.5 | +6 | WSW | 4 | c | 43 | 38 | 8 | - | - | 7 | 8 | 8 | - | - | - |
| 13A | Machrihanish | 35 | 30.2 | -8 | SW | 5 | bc | 42 | 36 | 8 | - | - | 5 | 4 | - | 4 | - | - |
| | Tiree ... | 44 | 26.3 | -10 | SW | 3 | c | 43 | 42 | 8 | 8 | - | - | 7 | 7 | - | 20 | - |
| | Oban ... | 74 | 28.5 | -4 | SW | 6 | c | 43 | 38 | 8 | 8 | - | - | 7 | 4 | 7 | 20 | 40 |
| 13B | Stornoway ... | 12 | 19.3 | -20 | SW | 6 | pr | 45 | 40 | 8 | 8 | - | - | 7 | 4 | 7 | 14 | 25 |
| | Cape Wrath | 367 | 16.8 | -18 | SW | 5 | c | 42 | 40 | 8 | 5 | 6 | - | 6 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen ... | 79 | | | | | | | | | | | | | | | | |
| | Fraserburgh | 76 | 24.5 | -6 | SW | 4 | bc | 35 | 30 | 8 | - | - | 8 | 4 | 4 | - | - | - |
| | Alness ... | 63 | 22.5 | -16 | WSW | 6 | bc | 42 | 37 | 9 | 2 | - | - | 4 | 4 | - | 30 | - |
| | Wick ... | 114 | 20.8 | -14 | SW | 5 | b | 40 | 33 | 8 | 5 | 4 | - | 2 | 1 | 2 | 25 | - |
| 16 | Hatston ... | 45 | 18.5 | -14 | SW'S | 5 | c-bc | 42 | 38 | 8 | 8 | - | - | 5 | 4 | 4 | 25 | 40 |
| | Sumburgh ... | 15 | 15.9 | -18 | WSW | 7 | c | 43 | 38 | 7 | 2 | - | - | 7 | 7 | - | 20 | - |
| | Sullom Voe | 12 | 14.1 | -18 | SSW | 6 | bc | 42 | 38 | 7 | 3 | 6 | - | 4 | 3 | 4 | 15 | - |
| 17 | Blacksod Point † | 18 | 33.0 | -6 | WSW | 4 | bc | 45 | 37 | 7 | 8 | - | - | 4 | 4 | - | 25 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 33.0 | 0 | SSW | 3 | bc | 38 | 35 | 8 | - | 3 | 6 | 4 | 4 | 4 | - | - |
| | Cas. Archdale | 240 | 33.0 | -6 | SW | 4 | b | 39 | 35 | 8 | 5 | 4 | 1 | 2 | 1 | 1 | 15 | - |
| 19 | Birr Castle ... † | 173 | 35.3 | +4 | WSW | 3 | b-bc | 37 | 33 | 8 | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 36.4 | 0 | * | * | bc | 40 | 36 | 8 | 5 | - | 6 | 4 | 1 | - | 40 | - |
| 20 | Foynes ... † | 3 | 37.6 | +2 | NE, E | 2 | pr | 42 | 40 | 8 | 3 | - | - | 7 | 7 | - | 28 | - |
| | Valentia ... † | 30 | 37.7 | +6 | NE | 1 | b | 40 | 39 | 8 | - | - | - | 0 | 0 | 0 | - | - |
| | Roches Point † | 22 | | | | | | | | | | | | | | | | |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0790.

## OBSERVATIONS at 06hr. G.M.T. 24th February

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 36.0 | 0 | WSW | 1 | bf | 33 | 32 | 2 | - | - | - | 0 | 0 | - | - | - | 1 |
| Croydon ... | 36.1 | 0 | S | 5 | ⊘ | 31 | 31 | 5 | - | - | - | 0 | 0 | - | - | - | 1 |
| Boscombe Down | 36.1 | -2 | W | 1 | ⊘ | 31 | 31 | 6 | 5 | 4 | 2 | 2 | 1 | 1 | 30 | - | 1 |
| Thorney Island | 35.7 | 0 | NW | 1 | ⊘ | 32 | 31 | 5 | - | 7 | 6 | 5 | 1 | 5 | - | - | 1 |
| Lympne ... | 35.6 | +2 | NW | 2 | m | 34 | 34 | 4 | - | - | - | 0 | 0 | - | - | - | 1 |
| Manston ... | 35.1 | 0 | NW'W | 1 | bf | 35 | 35 | 3 | - | - | - | 0 | 0 | - | - | - | 1 |
| North Weald | 35.5 | -4 | W'S | 2 | bf | 33 | 33 | 3 | - | - | - | 3 | 3 | - | - | - | 1 |
| Felixstowe ... | 34.8 | +2 | WNW | 2 | ⊘ | 35 | 34 | 5 | - | - | - | 0 | 0 | - | - | - | 1 |
| Gorleston ... | 33.4 | +2 | WNW | 2 | bf | 34 | 32 | 5 | - | - | - | 0 | 0 | - | - | - | 0 |
| Mildenhall | 34.9 | 0 | SWS | 2 | bf | 33 | 33 | 3 | - | - | - | 0 | 0 | - | - | - | 1 |
| Bircham Newton | 34.3 | +2 | SW | 2 | m | 33 | 32 | 4 | - | 7 | - | 2 | 2 | - | - | - | 1 |
| Cranwell ... | 34.0 | +2 | SW'W | 3 | m/f | 34 | 33 | 4 | - | 4 | - | 3 | 3 | - | - | - | 1 |
| Cranfield ... | 35.5 | +2 | W | 2 | m | 32 | 30 | 4 | - | - | 2 | 1 | 1 | - | 200 | - | 0 |
| Honiley ... | 35.5 | -2 | SW | 3 | m | 32 | 31 | 4 | - | 3 | - | 1 | 1 | - | - | - | 1 |
| Little Rissington | 35.6 | -2 | W | 3 | b-bc | 35 | 31 | 7 | - | - | 2 | 3 | 3 | - | - | - | 1 |
| Shobden ... | 36.3 | +2 | NW | 1 | b-bc | 30 | * | 8 | 5 | 4 | - | 3 | 1 | 1 | 30 | - | 1 |
| Bristol ... | 36.6 | +2 | - | 0 | m | 30 | 29 | 4 | 5 | 4 | 1 | 3 | 1 | 3 | 15 | - | 3 |
| Chivenor ... | 36.7 | -4 | E | 1 | ⊘ | 33 | 32 | 6 | 5 | 4 | - | 3 | 3 | 1 | 30 | - | 1 |
| Yeovilton | 36.2 | -2 | - | 0 | f+ | 29 | 29 | 1 | - | - | - | 9 | 9 | - | 0 | - | 0 |
| Portland Bill | 36.6 | -4 | NW | 3 | bc | 44 | 42 | 8 | 5 | - | - | 4 | 4 | - | 50 | - | 1 |
| Exeter ... | 36.7 | -6 | - | 0 | b-bc | 31 | 30 | 6 | - | 7 | - | 3 | 3 | - | 80 | - | 1 |
| Plymouth ... | 35.8 | -4 | - | 0 | ⊘ | 32 | 30 | 6 | - | 4 | - | 1 | 1 | - | - | - | 3 |
| St. Eval ... | 36.8 | -8 | NNE | 1 | ⊘ | 36 | 35 | 6 | - | - | 1 | 1 | 1 | - | - | - | 1 |
| The Lizard | 36.1 | -6 | ESE | 2 | b-bc | 38 | 36 | 7 | 4 | - | - | 3 | 3 | - | 25 | - | 1 |
| Scilly, St. Marys | 36.2 | -10 | NE | 1 | b | 41 | 37 | 8 | - | - | 5 | 2 | 2 | - | - | - | 1 |
| Fairwood ... | 36.7 | -2 | WSW | 2 | f+ | 35 | 35 | 8 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Pembroke ... | 35.9 | -6 | SW'S | 1 | b | 41 | 39 | 8 | - | - | - | 0 | 0 | - | - | - | 0 |
| Aberporth ... | 35.8 | -2 | SW | 1 | b | 37 | 34 | 8 | - | 4 | - | 1 | 1 | - | 90 | - | 1 |
| Penrhos ... | 33.4 | -14 | - | 0 | b | 38 | 37 | 7 | - | - | - | 0 | 0 | - | - | - | 0 |
| Holyhead, Valley | 34.0 | -6 | SW | 4 | bc | 42 | 39 | 8 | 5 | 2 | 1 | 4 | 2 | 4 | 25 | - | 1 |
| Hawarden | 34.4 | 0 | WSW | 4 | b-bc | 39 | 36 | 7 | - | 4 | - | 3 | 3 | - | - | - | 0 |
| Manchester | 33.9 | -2 | SSW | 3 | ⊘ | 33 | 31 | 5 | - | 4 | - | 2 | 2 | - | 100 | - | 1 |
| Squires Gate | 33.0 | -2 | W'S | 4 | b | 41 | 39 | 6 | - | - | - | 0 | 0 | - | - | - | 1 |
| Silloth ... | 30.1 | -2 | WSW | 5 | c | 41 | 38 | 8 | 5 | 3 | - | 6 | 4 | 6 | 30 | - | 0 |
| Ashbourne ... | 34.7 | -2 | WSW | 2 | ⊘ | 34 | 31 | 5 | 5 | 3 | 1 | 9 | 1 | 1 | 10 | - | 1 |
| Snaith ... | 33.4 | 0 | SSW | 2 | ⊘ | 36 | 34 | 5 | 2 | - | - | 2 | 2 | - | 30 | - | 1 |
| Spurn Head | 32.8 | 0 | WSW | 4 | ⊘ | 37 | 34 | 6 | 7 | 3 | - | 3 | 3 | 2 | 25 | 72 | 0 |
| Leeming | 31.1 | -6 | SSW | 2 | bc | 37 | 34 | 8 | 5 | 4 | - | 4 | 4 | 3 | 30 | - | 1 |
| Tynemouth | 30.0 | -8 | W | 3 | ⊘ | 37 | 34 | 6 | - | 4 | - | 4 | 4 | - | - | - | 1 |
| Acklington | 28.0 | -18 | SW | 4 | b-bc | 39 | 35 | 8 | - | 4 | 5 | 3 | 3 | 2 | - | - | 1 |
| St. Abb's Head | 25.8 | -18 | SSW | 4 | c-bc | 37 | 34 | 8 | 4 | 1 | - | 5 | 4 | 4 | 25 | - | 0 |
| Leuchars ... | 23.8 | -16 | WSW | 4 | c | 43 | 38 | 7 | 5 | - | - | 8 | 2 | 8 | 30 | 40 | 0 |
| Montrose ... | 22.9 | -22 | SW | 5 | c | 42 | 36 | 8 | 5 | 7 | - | 7 | 2 | 7 | 40 | - | 0 |
| Abbotsinch | 26.3 | -20 | WSW | 5 | c | 41 | 36 | 7 | 8 | 7 | - | 6 | 5 | 3 | 12 | - | 1 |
| Prestwick ... | 28.3 | -16 | SW'S | 4 | c | 42 | 38 | 7 | 5 | - | - | 7 | 7 | - | 34 | - | 1 |
| West Freugh | 29.9 | -12 | WSW | 4 | c | 40 | 36 | 8 | 5 | - | - | 6 | 2 | 5 | 30 | 57 | 0 |
| Eskdalemuir | 28.6 | -34 | SSW | 2 | c-bc | 35 | 32 | 8 | 5 | - | - | 5 | 5 | - | 8 | - | 1 |
| Jurby, I. of Man | 31.6 | -6 | SSW | 4 | bc | 40 | 38 | 8 | 5 | 3 | - | 4 | 1 | 4 | 12 | - | 1 |
| Machrihanish | 27.9 | -14 | SSW | 4 | bc | 42 | 34 | 7 | 8 | 7 | - | 4 | 4 | 4 | 20 | - | 0 |
| Tiree ... | 21.8 | -30 | SW | 5 | c | 46 | 44 | 8 | 5 | - | - | 8 | 5 | 8 | 20 | 40 | 1 |
| Oban ... | 24.3 | -22 | | | pr | 43 | 39 | 7 | 8 | - | - | 5 | 5 | 8 | 15 | 25 | 1 |
| Stornoway ... | 13.8 | -34 | SW | 8 | c-bc | 47 | 41 | 8 | 4 | - | 8 | 5 | 4 | 5 | 14 | 25 | 1 |
| Cape Wrath | 10.1 | -44 | SW | 6 | c | 44 | 39 | 7 | 5 | 2 | - | 8 | 5 | - | 15 | - | 1 |
| Dalwhinnie | 22.0 | -18 | SW | 4 | pr | 38 | 31 | 7 | 5 | - | - | 6 | 6 | - | 22 | - | 1 |
| Aberdeen ... | 21.4 | -18 | S'W | 3 | c | 40 | 35 | 8 | 5 | 7 | - | 8 | 7 | 8 | | - | 1 |
| Fraserburgh | 20.3 | -26 | SSW | 5 | c | 37 | 35 | 8 | 2 | 7 | - | 6 | 4 | 6 | 30 | - | 1 |
| Alness ... | 18.1 | -26 | SW | 7 | b-bc | 44 | 37 | 8 | 2 | - | 3 | 3 | 3 | 1 | 25 | - | 1 |
| Wick ... | 16.4 | -30 | SW | 3 | bc | 41 | 35 | 8 | 5 | 4 | 8 | 4 | 3 | 2 | 25 | - | 0 |
| Hatston ... | 14.3 | -26 | SW'S | 6 | c | 44 | 40 | 7 | 8 | - | - | 6 | 4 | 5 | 20 | 40 | 1 |
| Sumburgh ... | 11.3 | -26 | SW'W | 7 | c/pr | 44 | 39 | 7 | 8 | - | - | 8 | 4 | 8 | 15 | 25 | 1 |
| Sullom Voe | 08.7 | -30 | SW'S | 7 | c/pr | 44 | 41 | 7 | 2 | - | - | 6 | 3 | 5 | 15 | 25 | 2 |
| Blacksod Point † | 28.2 | -26 | SW'S | 6 | c | 46 | 42 | 7 | 6 | - | - | 7 | 7 | - | 15 | - | 1 |
| Malin Head † | 24.2 | -20 | SW | 4 | pr | 44 | 40 | 8 | 8 | - | - | 6 | 6 | - | 15 | - | 1 |
| Aldergrove | 30.2 | -18 | SSW | 4 | c-bc | 37 | 35 | 8 | 5 | 7 | 2 | 5 | 4 | 4 | 30 | - | 1 |
| Cas. Archdale | 30.3 | -18 | S'W | 4 | c-bc | 39 | 35 | 8 | 5 | 7 | - | 5 | 4 | 4 | 20 | - | 1 |
| Birr Castle ... † | 31.6 | -26 | ESE | 1 | bc | 37 | 33 | 8 | - | - | 5 | 4 | 0 | - | - | - | 1 |
| Collinstown † | 33.0 | -12 | SW | 3 | c-bc | 36 | 34 | 8 | 5 | - | 6 | 5 | 4 | - | 45 | - | 1 |
| Foynes ... † | 33.1 | -18 | SSE | 3 | c-bc | 39 | 36 | 8 | 5 | - | 6 | 5 | 3 | - | 27 | - | 1 |
| Valentia ... † | 34.3 | -14 | WSW | 3 | c | 43 | 36 | 9 | 8 | 6 | 3 | 6 | 4 | - | 28 | - | 1 |
| Roches Point † | 35.3 | -10 | W | 1 | bc | 38 | 36 | 8 | 5 | - | 1 | 4 | 3 | - | 25 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather. 18h.–00h. (39) | Weather. 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Temperature 21h.–09h. Min. on Grass °F. (42) | Rain 21h.–09h. mm. (43) |
|---|---|---|---|---|---|
| Kew ... | bmfx | bmfx | 31 | 18 | Tr |
| Croydon ... | omobm | bcbmobm | 31 | 28 | – |
| Boscombe Down | cmo | bmlfxbmz | 30 | 25 | Tr |
| Thorney Island | cfiobmo | bmzcmo | 36 | * | – |
| Lympne ... | cdodomo | bcmobm | 32 | 27 | Tr |
| Manston ... | croocbmo | bmomofw | 33 | 31 | Tr |
| North Weald | croocmbm | bmbcfz | 32 | 24 | * |
| Felixstowe ... | bmocmo | bmo | 32 | 28 | – |
| Gorleston ... | bmzo | bjf | 32 | 30 | – |
| Mildenhall | croromobf | bfx | 32 | 27 | Tr |
| Bircham Newton | bofm | bm | 30 | 24 | – |
| Cranwell ... | bmobm | bfbcm | 34 | 30 | – |
| Cranfield ... | cmobm. | bmbcmx | 31 | 28 | – |
| Honiley ... | bmobm | bmx | 32 | 29 | – |
| Little Rissington | bmo | bmobcc | 33 | 29 | – |
| Shobden ... | bccb | bcx | 26 | 21 | – |
| Bristol ... | bfmbm | bbcmx | 27 | 20 | – |
| Chivenor ... | b | bbmox | 31 | 23 | – |
| Yeovilton | bmofb | ff | 26 | * | Tr |
| Portland Bill | bc | bcbc | 43 | * | – |
| Exeter ... | b | b | 28 | 20 | – |
| Plymouth ... | bcbyxb | bmox | 30 | 19 | – |
| St. Eval ... | cbcbmo | bbmo | 33 | 24 | – |
| The Lizard | cbcb | bfw | 36 | * | – |
| Scilly, St. Marys | b | b | 39 | * | Tr |
| Fairwood ... | bmow | bfof | 31 | 25 | – |
| Pembroke ... | b | b | 37 | * | – |
| Aberporth ... | * | b | 34 | 30 | – |
| Penrhos ... | bw | bw | 32 | 24 | – |
| Holyhead, Valley | bc | bcbbc | 38 | 34 | – |
| Hawarden | b | bcbbc | 33 | 18 | – |
| Manchester | mbf | bfmmzx | 32 | 23 | – |
| Squires Gate | bbcb | cbcb | 39 | 36 | Tr |
| Silloth ... | bbcw | cbc | 40 | | |
| Ashbourne ... | bcbm | bmbmo | 32 | 25 | – |
| Snaith ... | bcmozm | bmbmo | 34 | 29 | – |
| Spurn Head | bcmo | bcmo | 36 | * | – |
| Leeming | cb | bbc | 36 | 29 | Tr |
| Tynemouth | bcbmo | bbcmo | 36 | 33 | – |
| Acklington | b | bc | 35 | 32 | – |
| St. Abb's Head | bbc | bcc | 35 | * | – |
| Leuchars ... | bccmobc | bcmbcmzo | 37 | 32 | – |
| Montrose ... | bbcc | bcc | 34 | 28 | – |
| Abbotsinch | bccpro | c | 40 | 35 | Tr |
| Prestwick ... | cbc | bcc | 40 | 38 | – |
| West Freugh | bbcc | bbcc | 38 | 33 | – |
| Eskdalemuir | bcpzbccxw | cxbc | 32 | 30 | 0.1 |
| Jurby, I. of Man | bc | cbcbbc | 40 | 36 | – |
| Machrihanish | bccbc | bccbc | 41 | 39 | – |
| Tiree ... | bcc | c | 43 | 39 | – |
| Oban ... | cpbc | cpro | 42 | * | – |
| Stornoway ... | bccbc | cpbc | 42 | 39 | 0.4 |
| Cape Wrath | c | cpbc | 42 | * | Tr |
| Dalwhinnie | * | cpr | 36 | 33 | 0.5 |
| Aberdeen ... | bbc | bcmbccmo | 36 | 31 | – |
| Fraserburgh | bcprobc | bcc | 34 | * | – |
| Alness ... | bc | cpzbc | 39 | 34 | Tr |
| Wick ... | cbcc | cbc | 30 | 34 | – |
| Hatston ... | cbcc | cprc | 40 | * | 0.3 |
| Sumburgh ... | bcc | prcrbc | 41 | 40 | Tr |
| Sullom Voe | cpropribc | cprprbc | 40 | 38 | 2 |
| Blacksod Point † | bc | | 43 | * | Tr |
| Malin Head † | | | 43 | * | 0.1 |
| Aldergrove | bc | bcc | 37 | 33 | – |
| Cas. Archdale | bcb | bbcc | 35 | 35 | 0.4 |
| Birr Castle ... † | * | bc | 36 | 35 | – |
| Collinstown † | bc | bc | 35 | 31 | Tr |
| Foynes ... † | bc | bc | 38 | 34 | 0.1 |
| Valentia ... † | bc | c | 38 | 28 | 1 |
| Roches Point † | b | bc | 37 | * | 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.
‡ Second figure in col. (33) gives depth of snow in inches.

Page 1.

BRITISH SECTION

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

Sunday 25th February 1945

No. 30411

## OBSERVATIONS at 12h. G.M.T. 24th February

| 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 ... | 35.2 | -10 | SW | 3 | 2o | 44 | 37 | 6 | 2 | - | 6 | 7 | 1 | 7 | 21 | - |
| | Croydon ... | 35.8 | -14 | SSW | 2 | 2o | 50 | 36 | 6 | - | - | 2 | 5 | 5 | - | - | - |
| | Boscombe Down | 34.9 | -20 | S'W | 2 | c-bc | 47 | 35 | 7 | - | - | 6 | 5 | 5 | - | - | - |
| | Thorney Island | 35.7 | -12 | S'W | 2 | 2o | 47 | 38 | 5 | - | 2 | 2 | 4 | 3 | 4 | - | - |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 35.9 | -8 | SW'S | 1 | 2o | 45 | 40 | 5 | 1 | - | 2 | 4 | 1 | 4 | 20 | - |
| | Manston ... | 35.0 | -6 | SW | 1 | 2o | 47 | 37 | 5 | 1 | - | 5 | 5 | 3 | 5 | 30 | - |
| | North Weald | 35.2 | -12 | WS | 3 | m | 45 | 33 | 4 | - | - | 2 | 7 | 7 | - | 200 | - |
| 2 | Felixstowe ... | 34.8 | -10 | SSW | 2 | 2o | 45 | 40 | 6 | - | - | 2 | 8 | 8 | - | - | - |
| | Gorleston ... | 32.9 | -10 | W | 2 | 2o | 46 | 37 | 6 | 5 | - | - | 6 | 6 | - | 25 | - |
| | Mildenhall | 33.6 | -12 | SW'W | 4 | 2o | 47 | 39 | 5 | 5 | - | 2 | 5 | 4 | 5 | 40 | - |
| | Bircham Newton | 33.0 | -14 | SSW | 4 | 2o | 43 | 37 | 5 | - | 7 | - | 7 | 7 | - | - | - |
| | Cranwell ... | 32.5 | -10 | SW'W | 4 | 2o | 43 | 38 | 5 | - | 3 | 7 | 8 | 4 | 8 | 100 | - |
| 3 | Cranfield ... | 34.1 | -18 | WSW | 4 | 2o | 44 | 36 | 6 | - | - | 6 | 6 | 6 | - | 200 | - |
| | Honiley ... | 33.7 | -18 | SSW | 4 | c | 46 | 37 | 7 | - | 3 | 6 | 7 | 3 | 7 | - | - |
| 4 | Little Rissington | 34.1 | -18 | WSW | 3 | c-bc | 43 | 35 | 7 | 1 | - | 2 | 5 | 1 | 5 | 20 | - |
| | Shobden ... | 35.4 | -6 | SSW | 4 | c-bc | 46 | 36 | 8 | 1 | - | 8 | 5 | 2 | 3 | 15 | 25 |
| 5 | Bristol ... | 35.4 | -14 | SW | 1 | c-bc | 47 | 36 | 6 | 2 | - | 6 | 5 | 1 | 5 | 20 | - |
| | Chivenor ... | 35.6 | -14 | ENE | 1 | bc/f | 42 | 40 | 8 | - | - | 6 | 4 | 4 | - | - | - |
| | Yeovilton | 35.7 | -12 | - | 0 | m/f | 39 | 39 | 4 | - | - | 2 | 4 | - | 4 | - | - |
| | Portland Bill | 35.8 | -14 | E | 3 | c-bc | 46 | 44 | 8 | 2 | - | - | 5 | 5 | - | 50 | - |
| | Exeter ... | 35.6 | -14 | NW | 1 | bc | 42 | 39 | 7 | 5 | - | 2 | 4 | 1 | 4 | 3 | - |
| | Plymouth ... | 35.9 | -14 | SSW | 2 | o/f | 46 | 38 | 7 | - | - | 2 | 4 | - | 2 | - | - |
| | St. Eval ... | 36.1 | -10 | SSW | 3 | c-bc | 46 | 38 | 8 | 1 | - | 1 | 3 | 1 | 2 | 30 | - |
| | The Lizard | 36.0 | -6 | S | 2 | bc | 47 | 42 | 8 | 2 | 6 | - | 4 | 4 | 2 | 25 | 40 |
| | Scilly, St. Marys | 35.9 | -8 | S | 2 | bc | 48 | 41 | 8 | 7 | - | 2 | 4 | 4 | 3 | 20 | - |
| | Fairwood ... | 35.5 | -14 | SW | 2 | 2o | 46 | 41 | 7 | 5 | - | 5 | 4 | 2 | 4 | 15 | 25 |
| 6 | Pembroke ... | 34.5 | -14 | SW | 4 | bbc | 46 | 44 | 8 | 2 | - | - | 3 | 3 | - | 25 | - |
| | Aberporth ... | 33.9 | -16 | SW | 4 | bcjf | 46 | 37 | 8 | 5 | 7 | 2 | 4 | 1 | 3 | 5 | - |
| 7 | Penrhos ... | 32.0 | -18 | SW | 4 | pr | 44 | 43 | 7 | 3 | 7 | - | 8 | 6 | 8 | 12 | - |
| | Holyhead, Valley | 30.9 | -18 | SW | 6 | c | 46 | 40 | 8 | 8 | 7 | 6 | 7 | 3 | 3 | 25 | - |
| | Hawarden ... | 31.9 | -14 | W | 4 | c | 47 | 37 | 8 | 5 | - | - | 7 | 7 | - | 25 | - |
| 8 | Manchester | 31.3 | -18 | SSW | 4 | c | 43 | 38 | 7 | 1 | - | 2 | 6 | 5 | 4 | 20 | - |
| | Squires Gate | 30.3 | -18 | SW | 4 | c | 46 | 40 | 7 | 8 | 2 | 2 | 7 | 2 | 4 | 20 | - |
| | Silloth ... | 26.9 | -14 | SSW | 6 | c | 44 | 37 | 7 | 8 | - | - | 8 | 4 | 8 | 18 | 40 |
| | Ashbourne ... | 32.9 | -18 | W | 4 | c | 42 | 35 | 8 | 2 | 7 | - | 6 | 2 | 4 | 10 | - |
| 9 | Snaith ... | 31.8 | 0 | WSW | 4 | 2o | 46 | 35 | 6 | 2 | - | - | 5 | 3 | 4 | 25 | - |
| | Spurn Head | 31.7 | -12 | SW | 4 | 2o | 41 | 36 | 5 | 7 | 4 | 1 | 6 | 4 | 3 | 25 | 72 |
| 10 | Leeming | 28.5 | -14 | SW | 4 | c-bc | 47 | 32 | 8 | 5 | - | 2 | 5 | 4 | 3 | 15 | - |
| | Tynemouth | 26.2 | -14 | WSW | 6 | 2o | 45 | 46 | 6 | 2 | 3 | - | 5 | 4 | 3 | 22 | - |
| | Acklington | 25.0 | -20 | WSW | 6 | c | 45 | 35 | 8 | 7 | 7 | 1 | 6 | 4 | 3 | 18 | 25 |
| | St. Abb's Head | 20.7 | -28 | WSW | 4 | c | 43 | 36 | 8 | 5 | 2 | - | 7 | 5 | 2 | 29 | - |
| 11 | Leuchars ... | 20.1 | -14 | WSW | 5 | c | 44 | 38 | 7 | 5 | 2 | - | 8 | 6 | 8 | 25 | - |
| | Montrose ... | 17.5 | -34 | SW | 6 | c | 44 | 35 | 8 | 5 | 7 | - | 6 | 2 | 5 | 10 | 40 |
| 12 | Abbotsinch | 22.0 | -22 | SW | 4 | c | 43 | 39 | 7 | 5 | - | - | 8 | 5 | 8 | 12 | 15 |
| | Prestwick ... | 24.0 | -22 | SSW | 5 | c | 45 | 34 | 7 | 5 | - | - | 8 | 4 | 8 | 20 | 40 |
| | West Freugh | 25.4 | -22 | SW | 5 | c | 43 | 38 | 8 | 5 | 7 | 7 | 8 | 4 | 5 | 20 | 40 |
| | Eskdalemuir | 25.3 | -16 | SW | 5 | c | 40 | 35 | 8 | 8 | - | - | 8 | 5 | 8 | 13 | 25 |
| | Jurby, I. of Man | 27.5 | -24 | SW | 7 | c | 44 | 37 | 8 | 5 | 7 | 8 | 7 | 1 | 5 | 20 | - |
| 13A | Machrihanish | 22.8 | -24 | SW'W | 6 | c | 45 | 35 | 7 | 5 | 7 | - | 8 | 4 | 5 | 15 | 40 |
| | Tiree ... | 15.6 | -32 | SW'S | 7 | c | 47 | 45 | 7 | 5 | 2 | - | 8 | 4 | 5 | 18 | 40 |
| | Oban ... | 18.3 | -22 | SW | 4 | o/r | 44 | 38 | 8 | 5 | - | - | 8 | 2 | 8 | 15 | 25 |
| 13B | Stornoway ... | 05.8 | -34 | SW | 3 | c | 47 | 45 | 7 | 5 | 2 | - | 8 | 4 | 8 | 12 | - |
| | Cape Wrath | 01.6 | -44 | SW | 8 | cq | 45 | 40 | 7 | 5 | 7 | - | 7 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 15.8 | -26 | SW | 4 | ir | 38 | 35 | 7 | 5 | - | - | 8 | 8 | - | 18 | - |
| | Aberdeen ... | 15.4 | -30 | SSW | 2 | c | 46 | 32 | 8 | 5 | 7 | - | 7 | 1 | 7 | - | - |
| | Fraserburgh | 14.3 | -30 | SSW | 4 | c | 45 | 34 | 8 | 5 | 7 | - | 7 | 6 | 1 | 50 | - |
| | Alness ... | 11.0 | -42 | SW | 8 | c | 47 | 40 | 8 | 8 | - | - | 6 | 5 | 2 | 25 | - |
| | Wick ... | 08.9 | -36 | SW | 8 | c | 44 | 37 | 8 | 5 | 7 | 8 | 6 | 3 | 4 | 20 | - |
| 16 | Hatston ... | 06.4 | -44 | SW'S | 7 | bc | 47 | 38 | 7 | 5 | 3 | 8 | 4 | 1 | 3 | 20 | 57 |
| | Sumburgh ... | 04.7 | -38 | SW'S | 7 | c/pr | 45 | 39 | 7 | 5 | 7 | 8 | 7 | 1 | 5 | 20 | - |
| | Sullom Voe | 02.7 | -34 | SW | 8 | c/pr | 45 | 40 | 6 | 5 | - | - | 7 | 3 | 7 | 8 | 15 |
| 17 | Blacksod Point† | 22.6 | -26 | SW | 6 | c | 48 | 41 | 7 | 6 | - | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head † | 18.2 | -34 | SW | 7 | cq | 45 | 41 | 8 | 8 | - | - | 8 | 8 | - | 15 | - |
| | Aldergrove | 25.2 | -26 | SSW | 6 | c | 43 | 36 | 8 | 5 | 1 | - | 8 | 5 | 8 | 12 | - |
| | Cas. Archdale | 25.0 | -26 | SSW | 6 | rd. | 44 | 39 | 7 | 5 | 1 | - | 8 | 4 | 5 | 9 | 15 |
| 19 | Birr Castle ... † | 28.6 | -26 | SW | 7 | c | 46 | 39 | 8 | 5 | - | - | 8 | 5 | - | 25 | - |
| | Collinstown † | 29.1 | -22 | SW | 5 | c | 43 | 36 | 8 | 7 | 7 | - | 7 | 2 | - | 24 | - |
| 20 | Foynes ... † | 30.1 | -18 | SW | 4 | c | 47 | 40 | 8 | 5 | 7 | - | 7 | 5 | - | 31 | - |
| | Valentia ... † | 31.6 | -18 | SW | 6 | c | 48 | 37 | 8 | 5 | 7 | - | 8 | 5 | - | 37 | - |
| | Roches Point † | 32.7 | -12 | WSW | 4 | c/r | 46 | 39 | 8 | 6 | 2 | - | 6 | 4 | - | 15 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

## OBSERVATIONS at 18h. G.M.T. 24th February

| 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) | 21 h ‡ State of Ground. 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 31.7 | -12 | SW | 2 | 2o | 45 | 32 | 5 | 5 | - | 6 | 7 | 3 | 5 | 25 | - | 1 |
| Croydon ... | 32.4 | -12 | SSW | 3 | 2o | 44 | 34 | 5 | - | 7 | 7 | 8 | 4 | 8 | - | - | 1 |
| Boscombe Down | 32.3 | -12 | SSW | 3 | 2o | 39 | 33 | 6 | - | - | 2 | 4 | 4 | - | - | - | 0 |
| Thorney Island | 32.6 | -12 | SW | 2 | 2o | 42 | 37 | 6 | - | 2 | 2 | 6 | 3 | 6 | - | - | 0 |
| Lympne ... | 33.3 | -14 | SW | 2 | 2o | 39 | 37 | 6 | 5 | 7 | 2 | 6 | 3 | 4 | 60 | - | 1 |
| Manston ... | 32.9 | -10 | S'W | 3 | 2o | 41 | 38 | 5 | - | - | 7 | 8 | 8 | - | - | - | 1 |
| North Weald | 31.8 | -18 | SW | 3 | m | 44 | 32 | 4 | - | - | 6 | 6 | 7 | - | - | - | 1 |
| Felixstowe ... | 32.0 | -10 | SW'S | 2 | 2o | 43 | 39 | 6 | - | 1 | - | 8 | 8 | - | 130 | - | 0 |
| Gorleston ... | 30.1 | -12 | SW'S | 2 | 2o | 44 | 35 | 6 | 5 | - | - | 8 | 8 | - | 18 | - | 0 |
| Mildenhall | 30.2 | -16 | SW'S | 4 | 2o | 45 | 35 | 6 | 5 | 7 | - | 8 | 3 | 8 | 50 | - | 0 |
| Bircham Newton | 29.3 | -14 | SSW | 4 | 2o | 43 | 35 | 6 | - | 7 | 7 | 8 | 5 | 8 | - | - | 1 |
| Cranwell ... | 28.0 | -20 | SSW | 3 | 2o | 42 | 36 | 6 | - | 7 | 7 | 8 | 5 | 8 | - | - | 0 |
| Cranfield ... | 30.7 | -16 | WSW | 3 | c-bc | 43 | 33 | 7 | - | 7 | - | 5 | 5 | - | 180 | - | 1 |
| Honiley ... | 29.7 | -18 | SW | 4 | c | 41 | 35 | 7 | - | 7 | 8 | 8 | 4 | 8 | - | - | 1 |
| Little Rissington | 30.5 | -18 | WSW | 4 | c-bc | 40 | 32 | 8 | - | 7 | 8 | 5 | 4 | 5 | 120 | - | 1 |
| Shobden ... | 30.3 | -14 | SW | 3 | c | 42 | 35 | 8 | 5 | - | 8 | 7 | 3 | 7 | 15 | - | 1 |
| Bristol ... | 32.2 | -12 | SW | 2 | 2o | 42 | 36 | 6 | - | 7 | 8 | 6 | 4 | 5 | - | - | 1 |
| Chivenor ... | 32.3 | -16 | WSW | 3 | c-bc | 42 | 37 | 8 | 5 | 7 | 2 | 5 | 3 | 4 | 28 | - | 1 |
| Yeovilton | 32.5 | -26 | SSW | 2 | bc | 41 | 36 | 8 | - | - | 2 | 4 | - | 4 | - | - | 0 |
| Portland Bill | 33.0 | -18 | SW | 3 | c | 44 | 42 | 8 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| Exeter ... | 32.7 | -10 | SSW | 2 | c | 44 | 35 | 7 | - | 7 | 2 | 6 | 4 | 4 | - | - | 1 |
| Plymouth ... | 33.3 | -18 | WSW | 2 | c | 44 | 38 | 7 | - | 7 | 2 | 6 | 6 | - | - | - | 0 |
| St. Eval ... | 33.0 | -16 | WSW | 3 | c/r | 43 | 38 | 9 | 5 | 7 | - | 7 | 4 | 4 | 20 | - | 1 |
| The Lizard | 33.3 | -20 | WSW | 2 | c | 43 | 37 | 8 | 5 | - | - | 6 | 6 | - | 20 | - | 0 |
| Scilly, St. Marys | 33.1 | -18 | SW'W | 3 | c | 44 | 37 | 8 | 5 | 5 | 3 | 7 | 3 | 4 | 20 | - | 1 |
| Fairwood ... | 31.8 | -14 | WSW | 4 | c | 42 | 39 | 7 | 4 | 7 | - | 8 | 2 | 8 | 30 | - | 0 |
| Pembroke ... | 29.6 | -16 | SW | 6 | cq | 45 | 42 | 8 | 5 | 7 | 1 | 9 | 5 | 3 | 25 | - | 0 |
| Aberporth ... | 29.9 | -14 | SW | 4 | c | 42 | 36 | 8 | 4 | 7 | - | 7 | 2 | 5 | 20 | - | 1 |
| Penrhos ... | 27.7 | -22 | SW'S | 5 | c | 44 | 39 | 8 | 5 | 7 | - | 8 | 4 | 8 | 20 | - | 0 |
| Holyhead, Valley | 26.2 | -20 | SSW | 8 | c | 45 | 39 | 8 | 7 | 7 | - | 8 | 4 | 8 | 25 | - | 1 |
| Hawarden ... | 27.4 | -22 | SW | 5 | c | 45 | 36 | 8 | 5 | 7 | - | 8 | 4 | 8 | 10 | - | 0 |
| Manchester | 27.2 | -18 | SSW | 4 | c | 42 | 32 | 8 | 5 | 1 | - | 8 | 2 | 8 | 20 | - | 1 |
| Squires Gate | 24.5 | -30 | SW | 6 | c | 44 | 36 | 7 | 5 | - | - | 8 | 4 | 8 | 12 | 25 | 1 |
| Silloth ... | 20.1 | -26 | SSW | 7 | c | 44 | 38 | 7 | 5 | - | - | 8 | 4 | 8 | 20 | 40 | 0 |
| Ashbourne ... | 28.1 | -26 | SSW | 4 | c | 41 | 33 | 8 | 4 | 7 | 7 | 8 | 3 | 4 | 10 | - | 1 |
| Snaith ... | 26.4 | -24 | WSW | 3 | c | 44 | 31 | 7 | 5 | 7 | 6 | 8 | 4 | 4 | 20 | - | 1 |
| Spurn Head | 27.0 | -22 | SW | 6 | cq | 44 | 39 | 7 | 7 | - | - | 7 | 7 | - | 25 | - | 0 |
| Leeming | 23.6 | -22 | SW'S | 4 | c | 44 | 39 | 8 | 5 | 7 | 2 | 7 | 4 | 6 | 20 | - | 1 |
| Tynemouth | 20.9 | -36 | WSW | 6 | 2o | 45 | 36 | 6 | 8 | - | - | 6 | 6 | - | 18 | - | 1 |
| Acklington | 18.8 | -24 | SW | 7 | c | 45 | 39 | 8 | 5 | 7 | - | 7 | 4 | 6 | 15 | 15 | 1 |
| St. Abb's Head | 19.1 | -29 | SW | 5 | c | 43 | 38 | 8 | 5 | - | - | 7 | 7 | - | 25 | - | 0 |
| Leuchars ... | 10.9 | -50 | SW | 7 | c | 45 | 39 | 7 | 5 | 7 | - | 7 | 6 | 7 | 20 | - | 1 |
| Montrose ... | 11.1 | -50 | SW | 6 | c | 46 | 37 | 7 | 5 | - | - | 8 | 7 | 8 | 15 | 40 | 1 |
| Abbotsinch | 14.2 | -42 | SSW | 6 | cq | 45 | 39 | 6 | 5 | - | - | 8 | 6 | 8 | 8 | 15 | 1 |
| Prestwick ... | 17.1 | -22 | SSW | 6 | c | 46 | 37 | 7 | 5 | - | - | 8 | 3 | 8 | 10 | 25 | 1 |
| West Freugh | 18.4 | -30 | SW | 7 | c | 45 | 38 | 8 | 5 | - | - | 8 | 8 | - | 25 | - | 0 |
| Eskdalemuir | 17.7 | -12 | SW'W | 8 | r/s | 41 | 35 | 8 | 5 | - | - | 8 | 8 | - | 16 | - | 1 |
| Jurby, I. of Man | 22.4 | -20 | SW | 8 | c | 45 | 37 | 8 | 5 | 7 | - | 8 | 2 | 4 | 20 | 40 | 0 |
| Machrihanish | 15.5 | -38 | SW'S | 6 | c | 47 | 39 | 7 | 5 | 2 | - | 8 | 7 | 8 | 20 | - | 0 |
| Tiree ... | 07.0 | -34 | SW'S | 7 | r/s | 46 | 46 | 6 | 5 | 2 | - | 8 | 4 | 8 | 6 | 25 | 1 |
| Oban ... | 10.8 | -48 | SSW | 6 | r/s | 44 | 42 | 5 | 6 | - | - | 8 | 8 | - | 10 | - | 1 |
| Stornoway ... | 04.8 | -52 | SW'S | 3 | r/s | 47 | 46 | 5 | 6 | 2 | - | 8 | 4 | 8 | 4 | 8 | 1 |
| Cape Wrath | | | | | | | | | | | | | | | | | |
| Dalwhinnie | 08.0 | -52 | SSW | 7 | rs | 39 | 35 | 6 | 8 | 2 | - | 8 | 4 | 4 | 18 | 72 | 1 |
| Aberdeen ... | 07.8 | -36 | SW'S | 5 | c-bc | 44 | 37 | 8 | 5 | 7 | 1 | 5 | 2 | 5 | - | - | 1 |
| Fraserburgh | 05.2 | -42 | WSW | 7 | c-bc | 46 | 34 | 9 | 5 | 7 | 3 | 5 | 2 | 3 | 20 | - | 1 |
| Alness ... | 03.5 | -32 | SW | 8 | r/rs | 43 | 40 | 5 | 6 | 2 | - | 8 | 4 | 8 | 14 | 40 | 1 |
| Wick ... | 99.3 | -52 | SW | 8 | ir | 43 | 38 | 8 | 5 | - | - | 8 | 8 | - | 40 | - | 1 |
| Hatston ... | 96.7 | -46 | SSW | 8 | ir | 45 | 42 | 7 | 5 | 2 | - | 8 | 3 | 5 | 20 | 40 | 1 |
| Sumburgh ... | 94.5 | -52 | SW'S | 9 | r/s | 45 | 41 | 6 | 5 | 2 | - | 8 | 5 | 8 | 15 | 25 | 1 |
| Sullom Voe | 92.6 | -50 | SW | 8 | ir | 44 | 42 | 5 | 6 | - | - | 8 | 6 | 8 | 6 | 15 | 1 |
| Blacksod Point† | 96.3 | -28 | SW'S | 8 | c | 49 | 42 | 6 | 6 | - | - | 8 | 8 | - | 8 | - | 1 |
| Malin Head † | 11.2 | -42 | SE | 8 | rs | 47 | 46 | 6 | - | 2 | - | 8 | 8 | - | 8 | - | 1 |
| Aldergrove | 18.3 | -26 | SSW | 6 | c | 45 | 38 | 8 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 1 |
| Cas. Archdale | 18.2 | -34 | SW | 7 | c | 46 | 39 | 8 | 5 | 2 | - | 8 | 5 | 5 | 15 | 25 | 1 |
| Birr Castle ... † | 23.9 | -20 | SW | 4 | c | 46 | 35 | 8 | 8 | 2 | - | 8 | 5 | - | 15 | - | 1 |
| Collinstown † | 23.0 | -16 | SW | 5 | c | 45 | 34 | 8 | 5 | 7 | - | 8 | 7 | - | 25 | - | 1 |
| Foynes ... † | 24.3 | -22 | SW'W | 5 | c | 48 | 37 | 8 | 5 | 1 | - | 8 | 6 | - | 30 | - | 1 |
| Valentia ... † | 27.2 | -14 | SW'S | 5 | c | 49 | 38 | 8 | 5 | - | - | 8 | 8 | - | 35 | - | 1 |
| Roches Point † | 28.6 | -20 | SW | 5 | c | 47 | 40 | 8 | 5 | 7 | - | 8 | 8 | - | 15 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather. 06h.-12h. (34) | Weather. 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | bFecmmo | cy cz₀ | 48 | 5.3 | Tr |
| Croydon | ofbcmo | cmo zoy | 51 | 6.0 | - |
| Boscombe Down | omo cmc | cbcmo | 49 | 6.6 | Tr |
| Thorney Island | cmo bcfcz | czo | 49 | * | - |
| Lympne | bmbcmo | cmo | 47 | 7.5 | - |
| Manston | bfwx bczo | czo | 49 | 5.1 | - |
| North Weald | bmczo | czo cmo | 47 | * | - |
| Felixstowe | bmczo | czo cmo | 48 | 4.9 | Tr |
| Gorleston | bcczo | cczo | 48 | 4.3 | - |
| Mildenhall | bfxbcmo | c | 49 | 5.3 | - |
| Bircham Newton | bfcmcmo | czo | 47 | 3.8 | 0.1 |
| Cranwell | bcmcmo | bczo, czo | 48 | 3.8 | - |
| Cranfield | bcmxcmo | cy c | 47 | * | - |
| Honiley | bcmozo | c | 47 | 4.0 | - |
| Little Rissington | bcxbxbcc | cmoc | 46 | * | - |
| Shobden | bcxc | c | 47 | * | - |
| Bristol | bmfczo | czcmo | 49 | 5.7 | - |
| Chivenor | bfbc | bcc | 49 | 2.9 | - |
| Yeovilton | ffbm | ccbc | 50 | * | - |
| Portland Bill | bcc | cc | 46 | * | - |
| Exeter | bfbcm | c | 49 | 4.2 | - |
| Plymouth | bcmxbf | bcc | 49 | 6.0 | - |
| St. Eval | | cbc | 48 | 5.9 | - |
| The Lizard | bc | c | 50 | 6.8 | - |
| Scilly, St. Marys | | c | 49 | 5.9 | 1 |
| Fairwood | cmobc | c | 46 | 0.0 | - |
| Pembroke | bbc | cq | 46 | 3.9 | - |
| Aberporth | bbcjf | cjfc | 47 | 4.8 | - |
| Penrhos | c | c | 46 | 0.8 | 0.6 |
| Holyhead, Valley | cbcc | cpro ir₀ c | 47 | * | Tr |
| Hawarden | c | c | 49 | 2.5 | - |
| Manchester | bcmx cmo | c | 47 | | - |
| Squires Gate | cmobcmoc | c | 47 | * | - |
| Silloth | bcc | cc | 45 | * | - |
| Ashbourne | bmox cmxc | c | 45 | * | - |
| Snaith | bcmoxzo | bczoc | 48 | 1.7 | - |
| Spurn Head | cmo | cq | 46 | 2.5 | - |
| Leeming | bccy | cyc | 49 | 2.3 | - |
| Tynemouth | cmo | cmo | 48 | | 1 |
| Acklington | bcc | ccyc | 47 | * | - |
| St. Abb's Head | c | c | 45 | * | - |
| Leuchars | ccmoc | cir₀c | 45 | 0.0 | Tr |
| Montrose | c | cir₀c | 47 | 0.0 | Tr |
| Abbotsinch | cmoc | cr₀cmo | 45 | 0.0 | 7 |
| Prestwick | c | c | 46 | * | 1 |
| West Freugh | c | cr₀cjf | 47 | * | Tr |
| Eskdalemuir | cpro cq | cqir₀ | 42 | 0.5 | 0.3 |
| Jurby, I. of Man | bcc | c | 46 | * | - |
| Machrihanish | c | c | 48 | * | - |
| Tiree | c | ccc, cir₀ mo | 48 | 0.0 | 7 |
| Oban | cpro circ | cir₀mo cr₀ir | 46 | * | - |
| Stornoway | c | cr₀mo ir₀mo | 49 | 0.0 | 7 |
| Cape Wrath | ccq | | | * | |
| Dalwhinnie | cirq | our | 41 | 0.4 | 2.2 |
| Aberdeen | ccy | cyc bct | 47 | 0.1 | - |
| Fraserburgh | c | cbc | 49 | * | - |
| Alness | c | cir₀rmo | 52 | 0.3 | 5 |
| Wick | c | cir₀ | 50 | 3.3 | 1 |
| Hatston | cbc | bccrr | 50 | * | 4 |
| Sumburgh | c | r₀mo c | 46 | 0.0 | 1 |
| Sullom Voe | cpro moc | cir₀ RRm | 46 | * | 1.2 |
| Blacksod Point† | c | c | 49 | * | Tr |
| Malin Head † | c | c | 47 | 0.0 | 1 |
| Aldergrove | cbcc | cir₀c | 45 | 0.1 | 0.8 |
| Cas. Archdale | cir₀ | cir₀c | 47 | * | 0.2 |
| Birr Castle ... † | bc | bc | 47 | 0.6 | - |
| Collinstown † | c | cbc | 46 | 1.7 | - |
| Foynes ... † | c | cbc | 50 | 1.3 | 0.1 |
| Valentia ... † | c | cbc | 49 | 0.1 | Tr |
| Roches Point † | r | cbc | 48 | * | 0.2 |

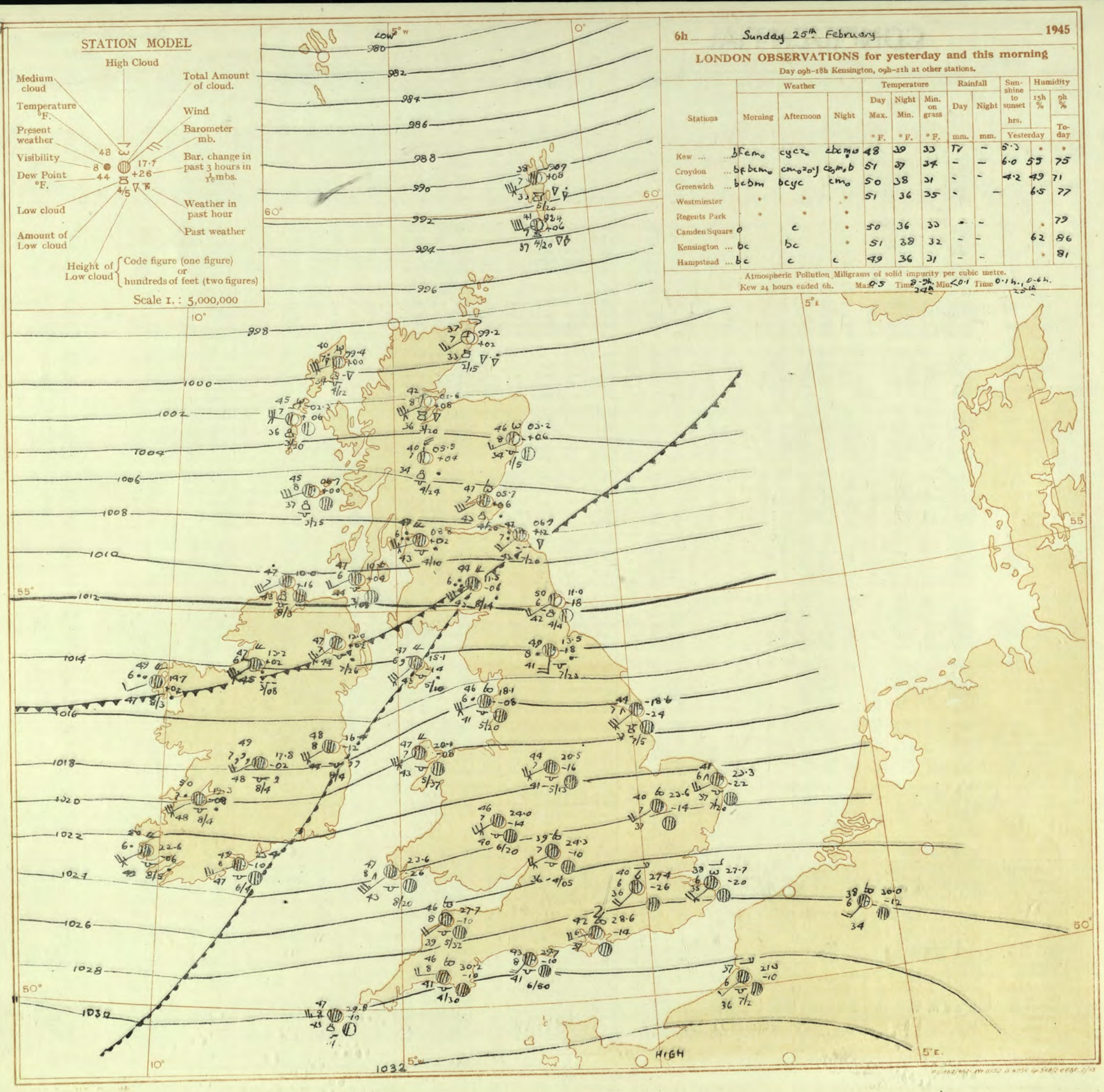
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

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. ‡ See footnote p. 4.

* Information not usually received.

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




6h Sunday 25th February 1945

## LONDON OBSERVATIONS for yesterday and this morning

Day 09h–18h Kensington, 09h–21h at other stations.

| 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 ... | bfemo | cycz | cbcmo | 48 | 39 | 33 | Tr | – | 5·3 | * | * |
| Croydon ... | bfbcmo | cmo zoy | cbm,b | 51 | 37 | 34 | – | – | 6·0 | 55 | 75 |
| Greenwich ... | bcbm | bcyc | cmo | 50 | 38 | 31 | – | – | 4·2 | 49 | 71 |
| Westminster | * | * | * | 51 | 36 | 35 | – | – | | 65 | 77 |
| Regents Park | * | * | * | | | | | | | | |
| Camden Square | o | c | * | 50 | 36 | 33 | – | – | | * | 79 |
| Kensington ... | bc | bc | * | 51 | 38 | 32 | – | – | | 62 | 86 |
| Hampstead ... | bc | c | c | 49 | 36 | 31 | – | – | | * | 81 |

Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. 0·5 Time 8–9h. 24th Min. <0·1 Time 0–1h., 0–6h. 25th

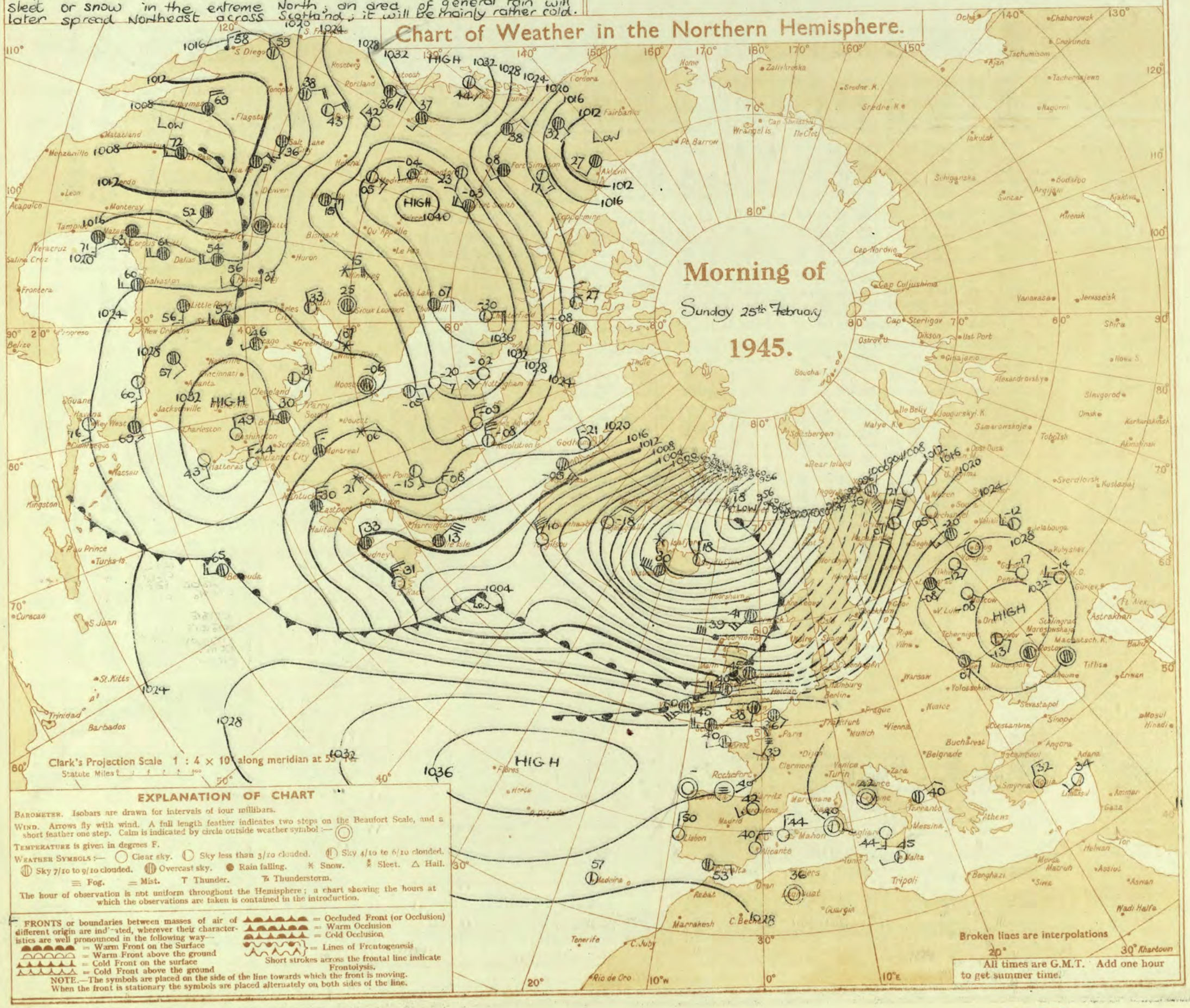
## GENERAL INFERENCE

Pressure is low to the North and high to the South of the British Isles. A deepening depression on the Western Atlantic will move rapidly East northeast, affecting Northern districts of the British Isles later; winds will be between West and Southwest, strong to gale in many districts; in England and Wales it will be cloudy with local slight rain or drizzle mainly in the North and West. In Scotland there will be bright intervals and scattered showers at first, with local hail sleet or snow in the extreme North; an area of general rain will later spread Northeast across Scotland; it will be mainly rather cold.

## FURTHER OUTLOOK

Unsettled westerly type continuing. Gale warnings in operation in districts 13 A, 13 B, 15, 16, 17 & 18. Time of Issue 1940 on Feb: 23rd 1945, in districts 6, 7, 8, 9, 10, 11, 12 & 14 Time of Issue 0505 24th Feb: 1945 & in North of districts 2, 3 & 4 Time of Issue 0215 25th Feb.

# 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.

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.

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 25th February 1945

No. 30411

### OBSERVATIONS at 00hr. G.M.T. 25th February

| 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 | 30·1 | -18 | SSW | 4 | Zo | 38 | 33 | 5 | - | - | 2 | 5 | 5 | - | - | - |
| | Boscombe Down | 417 | 30·1 | -14 | SSW | 4 | Zo | 35 | 35 | 6 | - | - | 6 | 5 | - | - | - | - |
| | Thorney Island | 10 | 30·5 | -18 | WSW | 4 | Zo | 41 | 40 | 5 | - | - | - | 4 | 4 | - | - | - |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 31·6 | -10 | SW | 3 | Zo | 37 | 36 | 5 | 5 | - | - | 7 | 7 | - | 10 | - |
| | Manston | 140 | 30·7 | -14 | SSW | 4 | Zo | 39 | 37 | 6 | - | - | 7 | 8 | 8 | - | - | - |
| 2 | North Weald | 244 | 29·1 | -20 | SSW | 3 | m | 38 | 30 | 4 | - | 7 | 8 | 5 | 3 | 4 | 80 | - |
| | Felixstowe | 10 | 29·4 | -14 | SW | 4 | Zo | 40 | 36 | 5 | - | - | 9 | 6 | 6 | - | - | - |
| | Gorleston | 5 | 27·5 | -14 | SW | 4 | Zo | 42 | 29 | 6 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Mildenhall | 15 | 27·8 | -14 | SW | 4 | c | 40 | 34 | 7 | - | 7 | 8 | 7 | 4 | 7 | - | - |
| | Bircham Newton | 221 | 26·4 | -8 | SW | 6 | Zo | 39 | 34 | 6 | - | 7 | - | 5 | 5 | - | - | - |
| | Cranwell | 203 | 24·1 | -20 | SW | 6 | Zo | 40 | 34 | 6 | 5 | 7 | - | 8 | 5 | 8 | 30 | - |
| 3 | Cranfield | 340 | 27·8 | -14 | WSW | 4 | bc | 37 | 32 | 7 | 5 | - | 8 | 4 | 3 | 3 | 50 | - |
| | Honiley | 427 | 26·6 | -16 | SW | 4 | c | 39 | 36 | 8 | 5 | 7 | - | 8 | 3 | 5 | 15 | 40 |
| 4 | Little Rissington | 731 | 28·3 | -10 | WSW | 4 | Zo | 36 | 35 | 6 | 5 | 7 | - | 7 | 3 | 3 | 4 | 25 |
| | Shobden | 318 | 27·8 | -4 | SW | 4 | c | 43 | 36 | 8 | 5 | 7 | - | 8 | 5 | 6 | 24 | 40 |
| 5 | Bristol | 209 | 29·7 | -18 | SSW | 3 | Zo | 40 | 36 | 6 | 5 | - | - | 6 | 3 | 5 | 30 | 57 |
| | Chivenor | 20 | 30·0 | -14 | SSW | 3 | c | 39 | 36 | 8 | 5 | 7 | 3 | 6 | 3 | 5 | 28 | - |
| | Yeovilton | 50 | 30·2 | -16 | SSW | 4 | Zo | 39 | 36 | 6 | 5 | 3 | 6 | 5 | 1 | 5 | 25 | - |
| | Portland Bill | 32 | 31·3 | -12 | SW | 4 | c | 44 | 42 | 8 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 100 | 30·7 | -18 | SSW | 2 | c | 39 | 33 | 7 | - | 7 | 7 | 8 | 5 | 8 | - | - |
| | Plymouth | 86 | 31·5 | -12 | W | 4 | c | 44 | 37 | 8 | 1 | 3 | - | 7 | 3 | 7 | 40 | - |
| | St. Eval | 345 | 31·3 | -12 | SW | 3 | c | 39 | 36 | 9 | 2 | 7 | 6 | 7 | 1 | 5 | 30 | - |
| | The Lizard | 240 | 31·4 | -14 | WS | 4 | ebc | 43 | 38 | 8 | 7 | - | - | 5 | 5 | - | 20 | - |
| | Scilly, St. Marys | 163 | 31·4 | -14 | WSW | 5 | ebc | 45 | 40 | 8 | 8 | 5 | - | 5 | 4 | 3 | 15 | - |
| 6 | Fairwood | 268 | 28·7 | -6 | WSW | 4 | c | 43 | 39 | 7 | 5 | 7 | - | 8 | 2 | 6 | 20 | 25 |
| | Pembroke | 142 | 28·0 | -6 | SW | 6 | cq | 45 | 42 | 8 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 24·2 | -16 | SSW | 6 | c | 45 | 41 | 7 | 5 | 7 | - | 7 | 5 | 6 | 20 | - |
| | Holyhead, Valley | 32 | 22·7 | -18 | SW | 7 | c | 46 | 40 | 7 | 5 | 2 | - | 8 | 5 | 8 | 47 | - |
| | Hawarden | 15 | 23·0 | -14 | WSW | 5 | c | 46 | 41 | 8 | 5 | 7 | - | 7 | 4 | 3 | 35 | - |
| 8 | Manchester | 230 | 22·6 | -18 | SWW | 5 | c | 44 | 34 | 8 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Squires Gate | 30 | 21·1 | -22 | SWW | 6 | i6 | 45 | 38 | 6 | 5 | 2 | - | 8 | 4 | 8 | 18 | - |
| | Silloth | 25 | 16·2 | -18 | SSW | 7 | i6 | 44 | 40 | 6 | 5 | - | - | 8 | 8 | - | 23 | - |
| 9 | Ashbourne | 590 | 24·9 | -14 | SW | 3 | c | 41 | 36 | 7 | 5 | 7 | - | 8 | 6 | 8 | 22 | - |
| | Snaith | 30 | 21·9 | -26 | SSW | 2 | Zo | 43 | 35 | 6 | 5 | 7 | - | 6 | 4 | 6 | 30 | - |
| 10 | Spurn Head | 29 | 23·5 | -14 | SW | 5 | cq | 41 | 35 | 7 | 7 | 3 | - | 8 | 4 | 4 | 25 | 72 |
| | Leeming | 105 | 18·6 | -16 | SW | 5 | c | 45 | 35 | 8 | 5 | 7 | - | 7 | 6 | 5 | 25 | - |
| | Tynemouth | 108 | 13·8 | -36 | SW | 6 | Zo | 45 | 38 | 6 | 5 | - | - | 6 | 6 | - | 15 | - |
| | Acklington | 138 | 10·4 | -38 | SW | 9 | bc | 45 | 38 | 7 | 5 | 1 | - | 4 | 3 | 4 | 30 | - |
| 11 | St. Abb's Head | 280 | 06·8 | -14 | SSW | 7 | bbcq | 43 | 38 | 8 | 1 | 4 | - | 3 | 3 | 1 | 30 | - |
| | Leuchars | 31 | 06·1 | -22 | SW | 6 | c/r | 46 | 44 | 7 | 5 | 2 | - | 8 | 5 | 8 | 19 | - |
| | Montrose | 22 | 04·1 | -30 | SW | 7 | bc | 45 | 40 | 8 | 3 | 3 | - | 4 | 3 | 3 | 15 | - |
| 12 | Abbotsinch | 19 | 08·6 | -18 | SW | 5 | rr | 46 | 44 | 6 | 6 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| | Prestwick | 30 | 10·2 | -22 | WSW | 7 | roro | 46 | 43 | 6 | 5 | - | - | 8 | 3 | 8 | 15 | 25 |
| | West Freugh | 53 | 14·3 | -14 | SW | 6 | i6 | 47 | 41 | 7 | 5 | - | - | 8 | 4 | 8 | 18 | 25 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 17·6 | -20 | SWS | 7 | i6 | 46 | 39 | 7 | 5 | 7 | - | 8 | 1 | 5 | 18 | 25 |
| 13A | Machrihanish | 35 | 10·4 | -14 | SW | 7 | c/r | 48 | 44 | 6 | 5 | - | - | 8 | 3 | 8 | 6 | 15 |
| | Tiree | 44 | 05·9 | +14 | WS | 6 | pr | 47 | 45 | 6 | 3 | - | - | 6 | 4 | 6 | 15 | 25 |
| | Oban | 74 | 07·0 | -6 | WSW | 5 | i/o | 47 | 43 | 6 | 5 | - | - | 8 | 3 | 8 | 10 | 15 |
| 13B | Stornoway | 12 | 08·5 | +22 | W | 8 | pr | 39 | 34 | 6 | 3 | - | - | 6 | 5 | 6 | 10 | 15 |
| | Cape Wrath | 367 | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | 46 | | | | | | | | | | |
| | Fraserburgh | 76 | 01·0 | -4 | WSW | 6 | bbc | 44 | 39 | 8 | 5 | - | - | 3 | 3 | - | 25 | - |
| | Alness | 63 | 99·9 | -2 | WS | 7 | pr | 46 | 41 | 7 | 3 | 6 | 3 | 5 | 5 | 3 | 20 | - |
| | Wick | 114 | 97·8 | +6 | WSW | 4 | b | 41 | 36 | 8 | 5 | - | - | 2 | 2 | - | 20 | - |
| 16 | Hatston | 45 | 95·5 | +12 | WS | 8 | bbc | 41 | 36 | 8 | 1 | 3 | - | 3 | 3 | 2 | 10 | - |
| | Sumburgh | 15 | 92·1 | -10 | WS | 6 | Zo | 43 | 37 | 6 | 8 | - | - | 6 | 3 | 4 | 20 | 40 |
| | Sullom Voe | 12 | 90·7 | +14 | SW | 5 | c/pr | 41 | 37 | 7 | 3 | 6 | - | 6 | 4 | 6 | 15 | - |
| 17 | Blacksod Point † | 18 | 14·7 | -6 | SW | 7 | ido | 50 | 48 | 6 | - | 2 | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 14·1 | -14 | SSW | 6 | dodo | 45 | 44 | 6 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Cas. Archdale | 240 | 14·3 | -14 | WSW | 7 | ido | 48 | 45 | 6 | 5 | - | - | 8 | 4 | 7 | 10 | 15 |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 18·9 | -16 | SWW | 6 | c | 46 | 39 | 8 | 5 | - | - | 8 | 8 | - | 28 | - |
| 20 | Foynes † | 3 | 21·4 | -14 | SW | 6 | c | 48 | 45 | 8 | 5 | 7 | - | 8 | 6 | - | 25 | - |
| | Valentia † | 30 | 24·4 | -12 | SWW | 6 | c | 50 | 43 | 8 | 5 | 7 | - | 8 | 3 | - | 28 | - |
| | Roches Point † | -22 | 25·4 | -14 | SWW | 5 | c | 48 | 44 | 8 | 5 | 3 | - | 6 | 4 | - | 15 | - |

### OBSERVATIONS at 06hr. G.M.T. 25th February

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 26·4 | -10 | WSW | 3 | Zo | 40 | 35 | 5 | 5 | 7 | - | 7 | 4 | 4 | 21 | - |
| Croydon | 27·4 | -26 | SW | 4 | Zo | 40 | 36 | 6 | - | 4 | 2 | 5 | 4 | 4 | - | - |
| Boscombe Down | 27·7 | -18 | SW'S | 4 | bc | 39 | 36 | 8 | - | 7 | - | 4 | 4 | - | - | - |
| Thorney Island | 28·6 | -14 | WS | 4 | Zo | 42 | 37 | 6 | - | 7 | 6 | 5 | 4 | 4 | - | - |
| Friston | | | | | | | | | | | | | | | | |
| Lympne | 29·0 | -18 | WSW | 3 | Zo | 36 | 35 | 5 | - | 4 | 2 | 6 | 2 | 6 | - | - |
| Manston | 27·7 | -20 | SW | 4 | Zo | 38 | 35 | 6 | - | 3 | 8 | 6 | 3 | 6 | - | - |
| North Weald | 26·2 | -18 | SW | 4 | Zo | 38 | 33 | 5 | - | 7 | 1 | 4 | 4 | 2 | 80 | - |
| Felixstowe | 26·7 | -18 | SW'W | 4 | Zo | 40 | 37 | 6 | 5 | - | - | 6 | 6 | - | 50 | - |
| Gorleston | 23·3 | -22 | WSW | 5 | cq | 41 | 37 | 6 | 5 | - | - | 7 | 7 | - | 20 | - |
| Mildenhall | 23·6 | -14 | SW'W | 4 | c | 40 | 37 | 7 | - | 7 | - | 7 | 7 | - | - | - |
| Bircham Newton | 21·2 | -20 | SW | 6 | Zo | 39 | 36 | 6 | - | 7 | - | 5 | 4 | - | - | - |
| Cranwell | 20·6 | -10 | SW | 5 | Zo | 41 | 37 | 6 | 5 | 7 | - | 5 | 5 | 6 | 25 | - |
| Cranfield | 22·4 | -12 | WSW | 5 | c | 39 | 34 | 7 | 5 | 5 | - | 7 | 5 | 7 | 10 | - |
| Honiley | 23·0 | -14 | SSW | 4 | c | 42 | 42 | 7 | 5 | - | - | 8 | 8 | - | 18 | - |
| Little Rissington | 21·3 | -10 | WSW | 4 | c | 39 | 36 | 7 | 5 | 7 | - | 8 | 4 | 8 | 5 | - |
| Shobden | 24·0 | -14 | SW | 6 | c | 46 | 40 | 7 | 5 | - | - | 8 | 6 | 8 | 20 | 40 |
| Bristol | 26·9 | -14 | SW | 5 | Zo | 43 | 37 | 6 | 5 | 7 | - | 8 | 3 | 5 | 25 | 40 |
| Chivenor | 27·7 | -10 | SW | 4 | c | 46 | 39 | 8 | 5 | 7 | - | 8 | 5 | 5 | 32 | - |
| Yeovilton | 28·2 | -14 | SW | 2 | c | 43 | 37 | 7 | 5 | 7 | - | 7 | 5 | 6 | 30 | - |
| Portland Bill | 29·7 | -10 | SW | 4 | c | 43 | 41 | 8 | 5 | - | - | 6 | 6 | - | 50 | - |
| Exeter | 28·8 | -12 | SSW | 4 | c | 44 | 38 | 7 | 5 | 7 | - | 8 | 4 | 5 | 20 | 40 |
| Plymouth | 30·2 | -10 | W | 4 | c | 46 | 41 | 8 | 5 | 7 | - | 8 | 4 | 8 | 30 | - |
| St. Eval | 29·4 | -8 | WSW | 5 | c | 46 | 37 | 8 | 5 | 7 | - | 7 | 4 | 6 | 16 | 40 |
| The Lizard | 30·6 | -10 | W | 5 | c | 46 | 39 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| Scilly, St. Marys | 29·8 | -10 | W | 5 | c | 47 | 43 | 8 | 8 | - | - | 8 | 8 | - | 15 | - |
| Fairwood | 26·6 | -10 | SW | 6 | Zo | 45 | 40 | 6 | 5 | - | - | 8 | 8 | 8 | 25 | 40 |
| Pembroke | 23·6 | -26 | SW | 7 | cq | 47 | 43 | 8 | 5 | - | - | 8 | 8 | - | 20 | - |
| Aberporth | 23·6 | -10 | SW'W | 6 | c | 47 | 41 | 7 | 5 | 2 | - | 8 | 7 | 8 | 20 | - |
| Penrhos | 21·1 | -12 | SW | 5 | c | 47 | 43 | 7 | 5 | 7 | - | 8 | 4 | 8 | 25 | - |
| Holyhead, Valley | 20·1 | -8 | SW | 7 | c | 47 | 43 | 7 | 5 | 2 | - | 8 | 5 | 8 | 37 | - |
| Hawarden | 20·6 | -12 | WSW | 4 | c | 47 | 43 | 8 | 5 | 7 | - | 8 | 6 | 8 | 25 | - |
| Manchester | 19·5 | -12 | SW | 5 | c | 46 | 41 | 7 | 5 | - | - | 8 | 8 | - | 20 | - |
| Squires Gate | 18·1 | -8 | WS | 6 | iro | 46 | 41 | 6 | 5 | 7 | - | 8 | 5 | 8 | 20 | - |
| Silloth | 12·8 | -6 | SSW | 7 | ido | 46 | 43 | 6 | 5 | - | - | 8 | 5 | 8 | 12 | 15 |
| Ashbourne | 20·5 | -16 | WSW | 5 | c | 44 | 41 | 7 | 5 | - | - | 8 | 5 | 8 | 13 | 15 |
| Snaith | 18·6 | -18 | WSW | 6 | c | 47 | 40 | 7 | 5 | - | - | 8 | 4 | 8 | 12 | 15 |
| Spurn Head | 18·6 | -24 | SW | 6 | cq | 44 | 37 | 7 | 7 | - | - | 7 | 7 | - | 25 | - |
| Leeming | 13·5 | -18 | S | 4 | iro | 49 | 41 | 8 | 5 | - | - | 7 | 7 | - | 23 | - |
| Tynemouth | 11·0 | -18 | SW | 6 | Zo | 56 | 42 | 6 | 2 | - | - | 4 | 4 | - | 15 | - |
| Acklington | 08·3 | -4 | WSW | 8 | iro | 48 | 44 | 7 | 5 | 7 | - | 5 | 3 | 4 | 15 | 25 |
| St. Abb's Head | 06·9 | +12 | SW | 4 | ir | 47 | 43 | 7 | 6 | - | - | 7 | 7 | - | 20 | - |
| Leuchars | 05·7 | +6 | WSW | 6 | c | 47 | 43 | 7 | 2 | 7 | - | 6 | 4 | 6 | 20 | - |
| Montrose | 03·9 | +2 | WSW | 5 | bc | 46 | 37 | 8 | 3 | 6 | - | 4 | 3 | 4 | 25 | - |
| Abbotsinch | 08·8 | +2 | WSW | 5 | rr | 47 | 43 | 8 | 5 | 2 | - | 8 | 4 | 8 | 10 | - |
| Prestwick | 10·6 | +2 | WSW | 4 | iro | 47 | 44 | 7 | 5 | - | - | 8 | 3 | 8 | 24 | 25 |
| West Freugh | 12·9 | -6 | WSW | 4 | c/pr | 47 | 46 | 7 | 8 | - | - | 8 | 3 | 8 | 20 | 25 |
| Eskdalemuir | 11·3 | -6 | SW | 6 | ++ | 44 | 43 | 6 | - | 2 | - | 8 | 8 | - | 14 | - |
| Jurby, I. of Man | 15·1 | -14 | SW'S | 7 | ido | 47 | 43 | 6 | 5 | 2 | - | 8 | 5 | 8 | 10 | 16 |
| Machrihanish | 10·6 | +4 | WSW | 4 | Zo | 47 | 44 | 6 | 5 | - | - | 8 | 3 | 8 | 8 | 15 |
| Tiree | 06·7 | 0 | WS | 6 | c | 45 | 37 | 8 | 8 | - | - | 7 | 3 | 4 | 25 | 40 |
| Oban | 08·3 | +2 | WSW | 6 | pr | 45 | 38 | 7 | 3 | - | - | 8 | 8 | - | 15 | - |
| Stornoway | 99·4 | 0 | WSW | 6 | pr | 40 | 34 | 7 | 8 | 6 | - | 5 | 4 | 4 | 12 | 25 |
| Cape Wrath | 95·9 | +21 | S | 6 | r | 40 | 35 | 8 | 8 | 6 | - | 6 | 4 | 6 | 25 | - |
| Dalwhinnie | 05·5 | +4 | SW | 5 | bc | 40 | 34 | 7 | 8 | - | - | 4 | 4 | - | 24 | - |
| Aberdeen | 03·2 | +6 | WSW | 3 | b-bc | 46 | 34 | 8 | 5 | 3 | - | 3 | 1 | 3 | 25 | - |
| Fraserburgh | 02·3 | +2 | W | 4 | b-bc | 43 | 36 | 8 | 5 | - | - | 3 | 3 | - | 20 | - |
| Alness | 01·6 | +8 | WS | 7 | b-bc | 42 | 36 | 8 | 3 | 3 | - | 3 | 3 | 3 | 20 | - |
| Wick | 99·2 | +2 | WSW | 5 | b/pr | 37 | 33 | 7 | 3 | - | 3 | 2 | 2 | 1 | 15 | - |
| Hatston | 96·6 | +2 | SSW | 7 | bhr | 38 | 37 | 7 | 9 | - | - | 7 | 4 | 7 | 15 | 40 |
| Sumburgh | 92·4 | +6 | WS | 8 | c/pr | 41 | 37 | 7 | 3 | - | - | 4 | 4 | - | 20 | - |
| Sullom Voe | 90·7 | +8 | WSW | 7 | c-bc/pr | 38 | 33 | 7 | 3 | - | - | 5 | 5 | - | 20 | - |
| Blacksod Point | 14·7 | +2 | WSW | 2 | roro | 49 | 47 | 6 | - | 2 | - | 8 | 8 | - | 8 | - |
| Malin Head | 10·0 | +6 | WNW | 6 | c | 47 | 43 | 7 | 8 | - | - | 8 | 8 | - | 8 | - |
| Aldergrove | 13·0 | +2 | SW | 5 | c | 47 | 44 | 7 | 5 | - | - | 7 | 7 | - | 26 | - |
| Cas. Archdale | 13·2 | +2 | WSW | 7 | roro | 47 | 45 | 6 | 6 | 2 | - | 8 | 3 | 8 | 8 | 15 |
| Birr Castle | 17·8 | -2 | WSW | 4 | dd | 49 | 48 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| Collinstown | 16·4 | -12 | SW'W | 6 | c/d | 48 | 44 | 8 | 5 | - | - | 8 | 8 | - | 18 | - |
| Foynes | 19·3 | -8 | SW'W | 6 | d | 50 | 48 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| Valentia | 22·6 | -6 | SW'W | 5 | i | 50 | 49 | 6 | 5 | 2 | - | 8 | 8 | - | 11 | - |
| Roches Point | 23·4 | -10 | WSW | 5 | c | 49 | 47 | 8 | 5 | - | - | 6 | 6 | - | 15 | - |

### 9 h. State of Ground ‡ and OBSERVATIONS during NIGHT

| Stations | State of Ground 0–9 (33) | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|---|
| Kew | 1 | cbcmow | bccmo | 39 | 33 | - |
| Croydon | 1 | cZocmobc | bcmo | 37 | 34 | - |
| Boscombe Down | 0 | bcmocmo | bcmocbc | 34 | 30 | Tr |
| Thorney Island | 0 | cZomo⊕ | bcmocmo | 38 | * | - |
| Friston | | | | | | |
| Lympne | 1 | cbccmo | bccmo | 36 | 33 | Tr |
| Manston | 1 | cmo | cmow | 37 | 34 | - |
| North Weald | 1 | c2cm | cmobcmo | 37 | 32 | - |
| Felixstowe | 0 | cmow | cmo | 39 | 36 | Tr |
| Gorleston | 0 | cZoq | cZoq | 39 | 35 | - |
| Mildenhall | 0 | cZoc | c | 38 | 34 | - |
| Bircham Newton | 1 | bZo | cmo | 37 | 36 | - |
| Cranwell | 0 | cmoZo | cmobcmo | 39 | 36 | - |
| Cranfield | 1 | cbc | cbcc | 37 | 32 | - |
| Honiley | 1 | c | c | 38 | 35 | - |
| Little Rissington | 1 | cmo | bcmocmoc | 35 | 34 | - |
| Shobden | 1 | c | cc | 41 | 32 | Tr |
| Bristol | 1 | cmo | bcycc | 38 | 35 | - |
| Chivenor | 1 | c | c | 38 | 32 | - |
| Yeovilton | 0 | cbcmoc | ≡cbccc | 35 | * | - |
| Portland Bill | 1 | c | c | 42 | | - |
| Exeter | 1 | c | c | 36 | 27 | - |
| Plymouth | 1 | c | cc | 41 | 39 | - |
| St. Eval | 1 | c | c | 38 | 35 | - |
| The Lizard | 0 | c | c | 42 | * | - |
| Scilly, St. Marys | 1 | bcc | c | 43 | | - |
| Fairwood | 0 | c | c | 40 | 38 | - |
| Pembroke | 0 | cq | c | 36 | | - |
| Aberporth | 1 | | c | 42 | 41 | Tr |
| Penrhos | 1 | c | c | 44 | 43 | 0·1 |
| Holyhead, Valley | 1 | c | c | 44 | 44 | Tr |
| Hawarden | 1 | c | c | 45 | 41 | Tr |
| Manchester | 1 | c | crovoc | 44 | 39 | Tr |
| Squires Gate | 1 | c | crorocirmo | 44 | 42 | 1 |
| Silloth | 1 | ccrrrorom | cbcmoiro | 41 | | 5 |
| Ashbourne | 1 | c | c | 38 | 35 | - |
| Snaith | 1 | cycZo | cZoc | 41 | 40 | Tr |
| Spurn Head | 0 | cq | cq | 40 | | - |
| Leeming | 1 | c | ciro | 44 | 42 | Tr |
| Tynemouth | 1 | cmo | bcmo | 45 | 40 | - |
| Acklington | 1 | bcq | cbciro | 42 | 42 | Tr |
| St. Abb's Head | 0 | cirobc | bcrcroc | 42 | | 0·3 |
| Leuchars | 1 | ciroc | crormoc | 43 | 40 | 0·3 |
| Montrose | 1 | crorobc | bcpbc | 44 | 40 | 1 |
| Abbotsinch | 2 | crrmo | crrmo | 42 | * | 12 |
| Prestwick | 1 | ccroro | rorciro | 45 | 43 | 7 |
| West Freugh | 1 | ccroccro | crocdprmc | 45 | 44 | 2 |
| Eskdalemuir | 1 | cirmoorr | orrRRrr | 39 | 39 | 15 |
| Jurby, I. of Man | 1 | cciro | crocmo | 45 | 44 | 1 |
| Machrihanish | 1 | cirrir | ++cc2 | 47 | 43 | 1 |
| Tiree | 1 | crorompro | cproc | 44 | 41 | 4 |
| Oban | 1 | crroiromo | cprmcpro | 43 | | * |
| Stornoway | 1 | crorobcpr | cprmbcpro | 38 | 33 | 2 |
| Cape Wrath | 1 | | cpr | 38 | | 2 |
| Dalwhinnie | 1 | | prrbc | 37 | 35 | 9 |
| Aberdeen | 1 | cbc | bcb | 43 | 36 | - |
| Fraserburgh | 1 | bbc | cprobcb | 40 | * | Tr |
| Alness | 1 | crorompro | cpromobc | 37 | * | 0·6 |
| Wick | 1 | croro | bcpro | 36 | 33 | 2 |
| Hatston | 1 | rrprbc | prpr | 35 | | 5 |
| Sumburgh | 1 | crorombc | bcpro | 34 | 34 | 1 |
| Sullom Voe | 1 | crrmoproc | prprph | 34 | 31 | 1 |
| Blacksod Point | 1 | d | +r | 47 | | 4 |
| Malin Head | 1 | | c | 46 | | 2 |
| Aldergrove | 1 | cirod dom | dodo mrdc | 45 | 35 | 2 |
| Cas. Archdale | 1 | croridomo | cdo r moro | 45 | 44 | 3 |
| Birr Castle | 1 | | d | 46 | 45 | 1 |
| Collinstown | 1 | c | d | 44 | 43 | Tr |
| Foynes | 1 | c | + | 48 | 45 | 0·3 |
| Valentia | 1 | c | + | 48 | 46 | 1 |
| Roches Point | 1 | c | c | 46 | | 1 |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

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

Monday 26th February 1945

No. 30472

## OBSERVATIONS at 12h. G.M.T. 25th February

| 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 | WSW | 4 | 2o | 48 | 40 | 6 | 5 | 2 | - | 8 | 4 | 7 | 18 | 25 |
| | Croydon ... | 26·8 | +2 | WSW | 5 | 2o | 48 | 38 | 6 | 5 | 2 | - | 8 | 3 | 8 | 15 | - |
| | Boscombe Down | 27·0 | +2 | SWW | 5 | c | 49 | 41 | 7 | 5 | 7 | - | 7 | 4 | 7 | 35 | - |
| | Thorney Island | 27·1 | -16 | WSW | 5 | c | 49 | 39 | 8 | 5 | 3 | 2 | 6 | 3 | 5 | 20 | - |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 27·6 | -4 | WSW | 5 | c | 48 | 39 | 8 | 5 | 7 | - | 8 | 4 | 8 | 20 | - |
| | Manston ... | 26·8 | -6 | WSW | 5 | c | 47 | 40 | 8 | 5 | 7 | - | 8 | 2 | 8 | 18 | - |
| 2 | North Weald | 25·4 | -4 | SW | 5 | 2o | 47 | 39 | 5 | 5 | 7 | - | 6 | 4 | 6 | 20 | - |
| | Felixstowe ... | 24·4 | -10 | SWW | 5 | 2o | 46 | 40 | 6 | 5 | 7 | - | 8 | 5 | 8 | 40 | - |
| | Gorleston ... | 22·2 | +2 | WSW | 4 | cq | 47 | 39 | 7 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Mildenhall | 22·3 | -6 | SWW | 6 | c | 47 | 42 | 7 | 5 | 7 | - | 8 | 1 | 4 | 20 | 40 |
| | Bircham Newton | 20·8 | -2 | WSW | 5 | 2o | 47 | 43 | 6 | - | 7 | - | 8 | 8 | - | - | - |
| | Cranwell ... | 20·1 | +4 | WSW | 5 | c | 50 | 45 | 7 | 5 | 2 | - | 8 | 5 | 8 | 15 | - |
| | Cranfield ... | 22·9 | -12 | WSW | 6 | c | 48 | 41 | 7 | 5 | - | - | 8 | 5 | 8 | 15 | 40 |
| 3 | Honiley ... | 22·0 | 0 | SWW | 5 | c | 49 | 42 | 8 | 5 | - | - | 8 | 5 | 8 | 10 | 15 |
| | Little Rissington | 23·7 | +2 | WSW | 5 | c | 45 | 42 | 8 | 5 | - | - | 8 | 5 | 8 | 8 | 25 |
| 4 | Shobden ... | 23·0 | -6 | WSW | 5 | ido | 48 | 45 | 6 | 5 | 7 | - | 8 | 4 | 5 | 10 | 15 |
| | Bristol ... | 26·8 | +2 | SW | 5 | dd | 47 | 46 | 5 | 5 | - | - | 8 | 8 | - | 5 | - |
| 5 | Chivenor ... | 27·5 | -2 | SW | 6 | f/d | 49 | 43 | 7 | 5 | 2 | - | 8 | 5 | 8 | 12 | 15 |
| | Yeovilton | 27·6 | -4 | SW | 4 | c | 50 | 41 | 8 | 5 | > | - | > | 5 | > | 20 | - |
| | Portland Bill | 28·7 | -1 | SW | 5 | c | 48 | 46 | 8 | 5 | 4 | - | 8 | 4 | 8 | 50 | 72 |
| | Exeter ... | 28·8 | +2 | WSW | 4 | | 52 | 40 | 8 | 5 | 7 | - | 5 | 4 | 7 | 15 | 25 |
| | Plymouth ... | 29·9 | -2 | WS | 5 | ebc | 51 | 44 | 7 | 5 | 7 | - | 5 | 4 | 4 | 45 | - |
| | St. Eval ... | 29·9 | +6 | WSW | 6 | c | 49 | 42 | 8 | 5 | 7 | - | 7 | 4 | 7 | 15 | - |
| | The Lizard | 30·7 | +4 | WSW | 5 | c | 48 | 44 | 8 | 5 | - | - | 7 | > | - | 20 | - |
| | Scilly, St. Marys | 29·8 | +16 | SWW | 6 | c | 50 | 45 | 8 | 5 | - | - | 8 | 8 | - | 18 | - |
| | Fairwood | 26·1 | 0 | SW | 6 | f/d | 46 | 44 | 5 | 5 | - | - | 8 | 5 | 8 | 7 | 8 |
| 6 | Pembroke ... | 24·5 | 0 | SWW | 6 | cq | 48 | 46 | 7 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Aberporth ... | 23·8 | 0 | WSW | * | f/d | 48 | 46 | 7 | 5 | - | - | 8 | 4 | 8 | 8 | 15 |
| | Penrhos ... | 21·1 | +2 | SW | 5 | 2o | 50 | 46 | 6 | 5 | - | - | 8 | 5 | 8 | 5 | 40 |
| 7 | Holyhead, Valley | 20·6 | +6 | SWS | 6 | 2o | 48 | 46 | 6 | 5 | 7 | - | 7 | 5 | 7 | 50 | - |
| | Hawarden ... | 19·2 | -8 | WS | 4 | c | 53 | 47 | 8 | 5 | 7 | 2 | 7 | 2 | 4 | 12 | 25 |
| 8 | Manchester | 18·1 | -6 | WSW | 5 | 2 | 51 | 45 | 6 | 5 | 7 | - | 8 | 5 | 8 | 20 | - |
| | Squires Gate | 17·4 | -10 | WS | 6 | 2 | 47 | 45 | 6 | 5 | 7 | - | 8 | 5 | 8 | 30 | - |
| | Silloth ... | 14·7 | +6 | SW | 6 | ido | 46 | 45 | 5 | 5 | - | - | 8 | 4 | 8 | 4 | 15 |
| 9 | Ashbourne ... | 19·9 | +2 | WSW | 5 | ido | 48 | 45 | 7 | 5 | - | - | 8 | 6 | 8 | 7 | 15 |
| | Snaith ... | 18·1 | +6 | WSW | 4 | f/d | 51 | 45 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 15 |
| 10 | Spurn Head | 17·6 | -4 | SW'W | 6 | cq | 48 | 44 | 6 | 5 | - | - | 8 | 8 | - | 25 | - |
| | Leeming | 14·2 | +2 | WSW | 6 | c | 53 | 46 | 7 | 5 | 7 | 2 | 6 | 5 | 4 | 15 | - |
| | Tynemouth | 13·3 | +24 | W | 8 | 2o | 52 | 44 | 6 | 8 | - | - | 7 | 7 | - | 15 | - |
| | Acklington | 10·3 | +12 | W'S | 6 | c | 52 | 43 | 8 | 5 | - | 8 | 6 | 4 | 6 | 18 | - |
| 11 | St. Abb's Head | 08·7 | +22 | W | 6 | ebc | 50 | 36 | 8 | 5 | 4 | - | 5 | 5 | 2 | 25 | - |
| | Leuchars ... | 08·2 | +16 | WSW | 6 | b/bl | 49 | 42 | 8 | 2 | - | 9 | 4 | 3 | 4 | 30 | - |
| | Montrose ... | 07·2 | +14 | WSW | 5 | bc | 49 | 35 | 9 | 1 | 6 | 8 | 4 | 2 | 1 | 25 | - |
| 12 | Abbotsinch | 11·2 | +12 | WSW | 6 | 2o | 48 | 42 | 6 | 8 | 7 | - | 8 | 2 | 5 | 10 | 15 |
| | Prestwick ... | 13·3 | +8 | SW | 5 | c | 48 | 42 | 7 | 5 | 7 | - | 8 | 4 | 6 | 18 | 25 |
| | West Freugh | 14·8 | +10 | WSW | 4 | c/r | 48 | 44 | 7 | 5 | 7 | - | 8 | 3 | 5 | 15 | 25 |
| | Eskdalemuir | 12·1 | +6 | WSW | 6 | f/d | 42 | 44 | 7 | 5 | 7 | - | 7 | 5 | 5 | 12 | - |
| | Jurby, I. of Man | 15·9 | 0 | SW | 6 | ido | 49 | 47 | 7 | 5 | 7 | - | 8 | 4 | 6 | 10 | 25 |
| 13A | Machrihanish | 12·8 | +16 | SW | 4 | | 48 | 44 | 6 | 5 | 7 | - | 8 | 3 | 5 | 20 | 40 |
| | Tiree ... | 09·6 | +10 | WSW | 5 | c | 47 | 40 | 7 | 8 | 7 | - | 8 | 3 | 8 | 30 | - |
| | Oban ... | 11·1 | +14 | WSW | 4 | pr | 45 | 41 | 6 | 8 | - | - | 8 | 5 | 8 | 15 | 25 |
| 13B | Stornoway ... | 03·7 | +14 | WSW | 5 | c/pr | 40 | 37 | 8 | 8 | 7 | - | 7 | 3 | 4 | 16 | 25 |
| | Cape Wrath | 09·5 | +34 | W | 6 | c | 39 | 37 | 8 | 8 | 7 | - | 7 | 4 | - | 25 | - |
| 15 | Dalwhinnie | 08·0 | +16 | SW | 5 | ir | 40 | 35 | 6 | 5 | - | - | 8 | 8 | - | 19 | - |
| | Aberdeen ... | 05·7 | +12 | WS | 4 | c | 50 | 33 | 8 | 1 | 3 | 7 | 7 | 3 | 2 | 40 | - |
| | Fraserburgh | 05·1 | +14 | W | 4 | c | 45 | 36 | 8 | 7 | 7 | - | 7 | 1 | 5 | 25 | 57 |
| | Alness ... | 03·2 | +18 | WS | 5 | ir | 43 | 36 | 8 | 5 | 2 | - | 8 | 4 | 8 | 20 | - |
| | Wick ... | 02·9 | +22 | WSW | 5 | ebc | 41 | 34 | 8 | 9 | - | 3 | 5 | 3 | 2 | 10 | 25 |
| 16 | Hataton ... | 00·8 | +28 | W | 6 | ebcjo | 40 | 34 | 7 | 9 | 4 | - | 5 | 3 | 4 | 15 | 25 |
| | Sumburgh ... | 96·0 | +20 | W | 8 | bc | 41 | 27 | 2 | 8 | 6 | - | 4 | 3 | 4 | 25 | 25 |
| | Sullom Voe | 94·8 | +30 | WSW | 8 | b/bs | 37 | 27 | 8 | 3 | - | - | 4 | 4 | - | 18 | - |
| 17 | Blacksod Point † | 15·4 | -6 | SW | 3 | c/r | 51 | 50 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - |
| 18 | Malin Head † | 11·0 | +4 | WNW | 6 | c | 50 | 42 | 7 | 5 | 5 | - | 6 | 7 | - | 8 | - |
| | Aldergrove | 15·5 | +16 | SW | 4 | - | 49 | 45 | 7 | 5 | - | - | 6 | 4 | 6 | 15 | 40 |
| | Cas. Archdale | 15·5 | +8 | SWW | 4 | c | 51 | 44 | 8 | 5 | - | - | 7 | 3 | 7 | 15 | 40 |
| 19 | Birr Castle ... † | 18·7 | +6 | WSW | 4 | dd | 53 | 51 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - |
| | Collinstown † | 18·4 | +10 | WSW | 4 | dd | 51 | 50 | 6 | 5 | - | - | 8 | 8 | - | 7 | - |
| 20 | Foynes ... † | 20·4 | +8 | W | 4 | c | 55 | 51 | 8 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Valentia ... † | 23·7 | +6 | SW'W | 5 | f/d | 52 | 51 | 6 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Roches Point † | 23·5 | +6 | WSW | 5 | c | 52 | 51 | 8 | 5 | - | - | 6 | 6 | - | 15 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

## OBSERVATIONS at 18h. G.M.T. 25th February

| 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. ‡ 21 h 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 25·5 | 0 | WSW | 4 | 2o | 49 | 45 | 6 | 5 | 3 | - | 8 | 7 | 8 | 21 | - | 1 |
| Croydon ... | 26·0 | -2 | SW | 5 | 2o | 48 | 42 | 6 | 5 | 7 | - | 7 | 4 | 6 | 15 | - | 1 |
| Boscombe Down | 26·4 | +2 | SW | 4 | ido | 47 | 46 | 6 | 5 | - | - | 8 | 6 | 8 | 8 | 15 | 0 |
| Thorney Island | 27·8 | +2 | WSW | 5 | c | 48 | 43 | 7 | 5 | 7 | - | 8 | 4 | 6 | 12 | 25 | 0 |
| Friston ... | | | | | | | | | | | | | | | | | |
| Lympne ... | 27·0 | -2 | WSW | 4 | c | 45 | 42 | 8 | 5 | 7 | - | 8 | 5 | 8 | 12 | - | 1 |
| Manston ... | 25·8 | -2 | SW'W | 6 | c-bc | 46 | 41 | 8 | - | 7 | - | 5 | 5 | - | - | - | 1 |
| North Weald | 24·6 | -4 | SW | 5 | 2o | 49 | 42 | 5 | 5 | 2 | - | 8 | 7 | 8 | 10 | - | 1 |
| Felixstowe ... | 23·5 | -2 | SW'W | 5 | 2o | 49 | 43 | 5 | 5 | 7 | - | 8 | 4 | 8 | 20 | - | 0 |
| Gorleston ... | 21·3 | -2 | WSW | 4 | f/pr | 50 | 44 | 7 | 5 | - | - | 8 | 8 | - | 15 | - | 0 |
| Mildenhall | 21·9 | -2 | SW'W | 4 | c | 50 | 47 | 8 | 5 | - | - | 8 | 7 | 8 | 18 | 25 | 0 |
| Bircham Newton | 19·8 | -8 | WSW | 5 | c | 49 | 45 | 7 | 5 | 7 | 5 | 7 | 2 | 5 | 16 | - | 0 |
| Cranwell ... | 19·1 | -8 | WSW | 5 | f/d | 50 | 48 | 6 | 5 | - | - | 6 | 5 | 6 | 8 | 15 | 0 |
| Cranfield ... | 23·1 | +2 | WSW | 5 | ido | 48 | 44 | 7 | 5 | - | - | 8 | 5 | 8 | 6 | 15 | 1 |
| Honiley ... | 21·6 | 0 | SW | 4 | c | 51 | 46 | 8 | 5 | - | - | 8 | 5 | 8 | 12 | 15 | 1 |
| Little Rissington | 23·7 | +4 | WSW | 5 | c | 46 | 45 | 7 | 5 | - | - | 8 | 4 | 8 | 5 | 15 | 1 |
| Shobden ... | 22·1 | -4 | WSW | 5 | c | 50 | 48 | 7 | 5 | - | - | 8 | 6 | 8 | 12 | 15 | 1 |
| Bristol ... | 26·2 | +2 | SW | 5 | f/d | 49 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 5 | 15 | 1 |
| Chivenor ... | 27·7 | +6 | WSW | 6 | dd | 48 | 47 | 6 | 6 | 2 | - | 8 | 5 | 8 | 4 | 15 | 1 |
| Yeovilton | 26·8 | +4 | WSW | 4 | c | 51 | 47 | 8 | 5 | - | - | 7 | 3 | 8 | 12 | 5 | 1 |
| Portland Bill | 27·8 | -4 | SW | 5 | c | 47 | 45 | 8 | 2 | 5 | - | 6 | 6 | - | 50 | - | 1 |
| Exeter ... | 28·6 | +10 | WSW | 4 | c | 51 | 45 | 7 | 5 | - | - | 8 | 5 | 8 | 5 | 15 | 1 |
| Plymouth ... | 29·8 | +4 | WSW | 5 | o/d | 48 | 46 | 6 | 5 | - | - | 8 | 8 | - | 10 | - | 1 |
| St. Eval ... | 29·4 | +2 | WSW | 6 | ido | 48 | 47 | 4 | 5 | 2 | - | 8 | 5 | 8 | 2 | - | 1 |
| The Lizard | 30·1 | 0 | W'S | 5 | o | 48 | 47 | 7 | 5 | - | - | 8 | 8 | - | 10 | - | 0 |
| Scilly, St. Marys | 28·5 | +2 | WSW | 6 | c | 50 | 49 | 7 | 5 | - | - | 8 | 8 | - | 18 | - | 1 |
| Fairwood | 25·7 | +4 | WSW | 6 | df | 46 | 46 | 2 | 5 | - | - | 8 | 8 | - | 6 | - | 1 |
| Pembroke ... | 23·1 | -4 | SW'W | 7 | cq | 48 | 48 | 3 | 5 | - | - | 8 | 8 | - | 15 | - | 1 |
| Aberporth ... | 23·3 | +2 | WSW | 6 | dd | 49 | 48 | 4 | 5 | - | - | 8 | 8 | - | 1 | - | 1 |
| Penrhos ... | 20·1 | -6 | SW | 5 | fq | 48 | 47 | 5 | 5 | - | - | 8 | 8 | - | 1 | - | 0 |
| Holyhead, Valley | 19·0 | -10 | SW | 7 | 2o | 47 | 47 | 5 | 5 | 7 | - | 7 | 7 | 1 | 3 | - | 1 |
| Hawarden ... | 18·6 | -4 | SW | 5 | c | 52 | 49 | 8 | 5 | 7 | - | 8 | 6 | 8 | 15 | - | 0 |
| Manchester | 17·7 | -6 | SSW | 5 | c | 52 | 47 | 6 | 5 | - | - | 8 | 4 | 8 | 15 | 15 | 0 |
| Squires Gate | 16·1 | -8 | WSW | 6 | 2o | 48 | 46 | 6 | 5 | 7 | - | 7 | 4 | 5 | 6 | - | 0 |
| Silloth ... | 11·8 | -18 | SSW | 6 | r/o | 48 | 47 | 6 | 5 | - | - | 8 | 4 | 8 | 5 | 15 | 1 |
| Ashbourne ... | 19·7 | -2 | WSW | 5 | c | 49 | 47 | 7 | 5 | - | - | 8 | 6 | 8 | 5 | 15 | 1 |
| Snaith ... | 17·1 | -10 | SSW | 3 | do | 50 | 48 | 4 | 5 | - | - | 8 | 4 | 8 | 8 | 15 | 1 |
| Spurn Head | 17·1 | -4 | SW | 5 | 2o | 49 | 46 | 6 | 5 | 4 | - | 8 | 5 | 2 | 15 | 57 | 1 |
| Leeming | 13·6 | -22 | W'S | 4 | ido | 53 | 42 | 8 | 5 | 3 | - | 6 | 4 | 5 | 10 | 25 | 1 |
| Tynemouth | 12·4 | -12 | SSW | 4 | 2o | 52 | 47 | 5 | 8 | - | - | 5 | 5 | - | 15 | - | 1 |
| Acklington | 10·3 | -12 | NW'N | 4 | ir | 51 | 45 | 7 | 5 | 7 | - | 8 | 4 | 6 | 15 | 25 | 0 |
| St. Abb's Head | 07·0 | -46 | S | 2 | c | 50 | 41 | 8 | 5 | 4 | - | 8 | 6 | 2 | 20 | - | 1 |
| Leuchars ... | 05·5 | -20 | SW | 5 | ir | 49 | 47 | 6 | 6 | 2 | - | 8 | 5 | 8 | 20 | 40 | 1 |
| Montrose ... | 05·4 | -18 | SSW | 5 | c | 47 | 40 | 9 | 5 | 7 | - | 8 | 5 | 5 | 30 | 40 | 1 |
| Abbotsinch | 07·5 | -28 | SW | 4 | rr | 49 | 47 | 6 | 5 | - | - | 8 | 4 | 8 | 4 | 8 | 1 |
| Prestwick ... | 09·0 | -30 | SW'S | 6 | rr | 51 | 49 | 6 | 5 | 2 | - | 8 | 5 | 5 | 12 | 25 | 1 |
| West Freugh | 11·7 | -18 | WSW | 5 | ir | 51 | 49 | 7 | 5 | - | - | 8 | 3 | 8 | 8 | 15 | 1 |
| Eskdalemuir | 10·2 | -14 | SW | 6 | rr | 47 | 46 | 6 | 5 | 2 | - | 8 | 8 | - | 8 | - | 1 |
| Jurby, I. of Man | 14·0 | -14 | SW | 6 | o/d | 50 | 49 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| Machrihanish | 09·3 | -24 | SW'W | 5 | rr | 49 | 47 | 5 | 5 | - | - | 8 | 3 | 8 | 5 | 15 | 1 |
| Tiree ... | 04·6 | -26 | SW'W | 7 | r/o | 50 | 48 | 6 | 6 | 2 | - | 8 | 5 | 8 | 5 | 25 | 1 |
| Oban ... | 05·8 | -34 | SW'W | 5 | r/o | 47 | 47 | 5 | 6 | 2 | - | 8 | 5 | 8 | 4 | 8 | 1 |
| Stornoway ... | 00·4 | -30 | — | 0 | r/o | 39 | 38 | 7 | 5 | 2 | - | 8 | 2 | 4 | 8 | 15 | 1 |
| Cape Wrath | 00·4 | -14 | WNW | 5 | pr | 38 | 38 | 8 | 5 | 2 | - | 8 | 5 | - | 15 | - | 2 |
| Dalwhinnie | 05·0 | -20 | SSW | 4 | rr | 41 | 38 | 6 | 5 | 2 | - | 8 | 5 | 3 | 22 | 72 | 1 |
| Aberdeen ... | 04·5 | -20 | SSW | 2 | 2o | 48 | 35 | 6 | 5 | 2 | - | 8 | 6 | 8 | 40 | - | 1 |
| Fraserburgh | 04·9 | -12 | S | 1 | ir | 40 | 39 | 8 | 5 | 2 | - | 8 | 3 | 8 | 10 | - | 1 |
| Alness ... | 02·9 | -24 | W | 1 | r/o | 41 | 40 | 6 | 6 | 2 | - | 8 | 3 | 8 | 15 | 40 | 1 |
| Wick ... | 02·8 | -12 | WSW | 2 | r/o | 37 | 35 | 7 | 6 | 2 | - | 8 | 3 | 8 | 7 | 15 | 1 |
| Hataton ... | 01·8 | -4 | SW'S | 3 | r/o | 38 | 35 | 7 | 5 | - | - | 8 | 3 | 8 | 15 | 40 | 1 |
| Sumburgh ... | 99·8 | +8 | W'N | 5 | c-bc/ph | 38 | 34 | 6 | 3 | 6 | - | 5 | 4 | 5 | 18 | - | 1 |
| Sullom Voe | 99·4 | +22 | WSW | 4 | ss | 33 | 32 | 3 | 5 | - | - | 8 | 4 | 8 | 5 | 15 | 4 |
| Blacksod Point † | 14·1 | +2 | SW | 5 | do | 51 | 49 | 6 | - | 2 | - | 8 | 8 | - | 8 | - | 1 |
| Malin Head † | 08·0 | -6 | WSW | 6 | dr | 50 | 49 | 6 | 5 | 2 | - | 8 | 3 | - | 8 | - | 1 |
| Aldergrove | 12·4 | -10 | SW'S | 5 | c/r | 50 | 49 | 8 | 6 | 2 | - | 8 | 4 | 8 | 4 | 8 | 1 |
| Cas. Archdale | 13·5 | -6 | WSW | 6 | c/r | 51 | 49 | 8 | 5 | 2 | - | 8 | 4 | 5 | 12 | 25 | 1 |
| Birr Castle ... † | 18·5 | +2 | WSW | 4 | dd | 52 | 50 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - | 1 |
| Collinstown † | 16·6 | -4 | W'S | 7 | ido | 53 | 49 | 7 | 5 | - | - | 8 | 8 | - | 5 | - | 1 |
| Foynes ... † | 20·1 | -2 | W'S | 5 | c | 54 | 50 | 8 | 6 | - | - | 8 | 8 | - | 9 | - | 1 |
| Valentia ... † | 23·7 | +4 | SW'W | 5 | c | 52 | 50 | 7 | 5 | - | - | 8 | 8 | - | 7 | - | 1 |
| Roches Point † | 23·1 | -6 | W'N | 5 | c | 53 | 51 | 8 | 5 | - | - | 6 | 6 | - | 8 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather. 06h.–12h. (34) | Weather. 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|
| Kew ... | cmo2o | c2omo | 50 | 0·0 | - |
| Croydon ... | cmoc2o | c2o | 51 | 0·0 | - |
| Boscombe Down | bcc | ccidomo | 51 | 0·0 | Tr |
| Thorney Island | cmoc | c | 51 | - | - |
| Friston ... | | | | | |
| Lympne ... | c | c | 48 | 0·3 | - |
| Manston ... | cmowc | c | 49 | 0·0 | Tr |
| North Weald | c mo | cir2omo | 50 | * | Tr |
| Felixstowe ... | cmo | c2o | 50 | 0·0 | Tr |
| Gorleston ... | cq | opocq | 50 | 0·0 | Tr |
| Mildenhall | c | circ | 51 | 0·0 | Tr |
| Bircham Newton | ccmo | cmoc | 51 | - | - |
| Cranwell ... | bmoc | ccmccdodomo | 52 | 0·0 | 0·4 |
| Cranfield ... | c | cido | 49 | * | Tr |
| Honiley ... | circ | c | 51 | 0·0 | Tr |
| Little Rissington | c | ccido | 47 | * | Tr |
| Shobden ... | cdodomo | cidomoc | 52 | * | 0·1 |
| Bristol ... | ccdodomo | cddomo | 50 | 0·0 | 2 |
| Chivenor ... | ccidoc | ccdodomo | 49 | 0·0 | Tr |
| Yeovilton | c | c | 52 | * | - |
| Portland Bill | c | c | 48 | * | - |
| Exeter ... | c | c | 52 | 0·2 | - |
| Plymouth ... | c | ccidomo | 51 | 0·6 | Tr |
| St. Eval ... | c | cidomo | 49 | 0·0 | 0·4 |
| The Lizard | c | cp | 50 | 1·0 | - |
| Scilly, St. Marys | c | c | 51 | 0·0 | 1 |
| Fairwood | crromom | omddfo | 47 | * | 0·4 |
| Pembroke ... | cprqcmoq | omqofq | 48 | * | Tr |
| Aberporth ... | cidomo | ododo | 50 | 0·0 | 0·5 |
| Penrhos ... | cirocmo | cmoomo | 51 | 0·0 | * |
| Holyhead, Valley | cidomo | cmo | 53 | * | - |
| Hawarden ... | c | c | 54 | 1·7 | - |
| Manchester | cir | cmoc | 55 | * | Tr |
| Squires Gate | crorocmo | cmo | 49 | * | Tr |
| Silloth ... | cidomorromo | cmoccir | 49 | * | 1 |
| Ashbourne ... | ccidoc | cidccmoc | 50 | * | - |
| Snaith ... | ir idos | cidm | 53 | 0·0 | 0·6 |
| Spurn Head | cqmo | cmo | 50 | 0·0 | Tr |
| Leeming | croc | cido | 55 | 0·5 | Tr |
| Tynemouth | cmo | cmo | 55 | | - |
| Acklington | circ | c | 53 | * | Tr |
| St. Abb's Head | cbcqc | c | 53 | * | Tr |
| Leuchars ... | cbcpr | bccpc | 51 | 5·7 | 0·5 |
| Montrose ... | bcchcq | bcqc | 52 | 4·6 | 0·2 |
| Abbotsinch | rrprcmo | cidrrmo | 52 | 0·0 | 13 |
| Prestwick ... | circ | ccrromo | 51 | * | 8 |
| West Freugh | cvoc | ccrodomoc | 52 | * | 1 |
| Eskdalemuir | ovrrivmoc | cirrrmo | 50 | 0·2 | 8 |
| Jurby, I. of Man | idodmoc | coidoc | 51 | * | 0·1 |
| Machrihanish | probc | zrr | 51 | * | 7 |
| Tiree ... | ccproc | cbc | 50 | 0·0 | 8 |
| Oban ... | cpro | cprrrromo | 48 | * | * |
| Stornoway ... | cprccphc | cprccrro | 42 | 0·0 | 6 |
| Cape Wrath | bcc | crocpro | 46 | * | 2 |
| Dalwhinnie | oir | orr | 49 | 0·0 | 15 |
| Aberdeen ... | bbccy | cycmo | 52 | 5·0 | 0·2 |
| Fraserburgh | bcc | ccro | 46 | 5·0 | 4 |
| Alness ... | cproiro | cro | 43 | 0·0 | 6 |
| Wick ... | bcprobcc | cro | 42 | 1·5 | 3 |
| Hataton ... | prcprc | prccr | 42 | * | 4 |
| Sumburgh ... | bcprobc | bcpho | 45 | 3·5 | 1 |
| Sullom Voe | cpr | bcphcss | 40 | * | 0·5 |
| Blacksod Point † | bbc | d | 51 | * | 0·1 |
| Malin Head † | c | r | 51 | 0·0 | 2 |
| Aldergrove | bcc | cmodododroc | 53 | 0·2 | 1 |
| Cas. Archdale | crorromoc | crorgiro | 53 | * | 1 |
| Birr Castle ... † | bc | d | 53 | 0·0 | 1 |
| Collinstown † | bc | d | 54 | 0·0 | 2 |
| Foynes ... † | bc | r | 55 | 0·0 | 0·1 |
| Valentia ... † | cbc | d | 54 | 0·0 | Tr |
| Roches Point † | cbc | d | 53 | * | 0·2 |

* Information not usually received.

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.

‡ See footnote p. 4.

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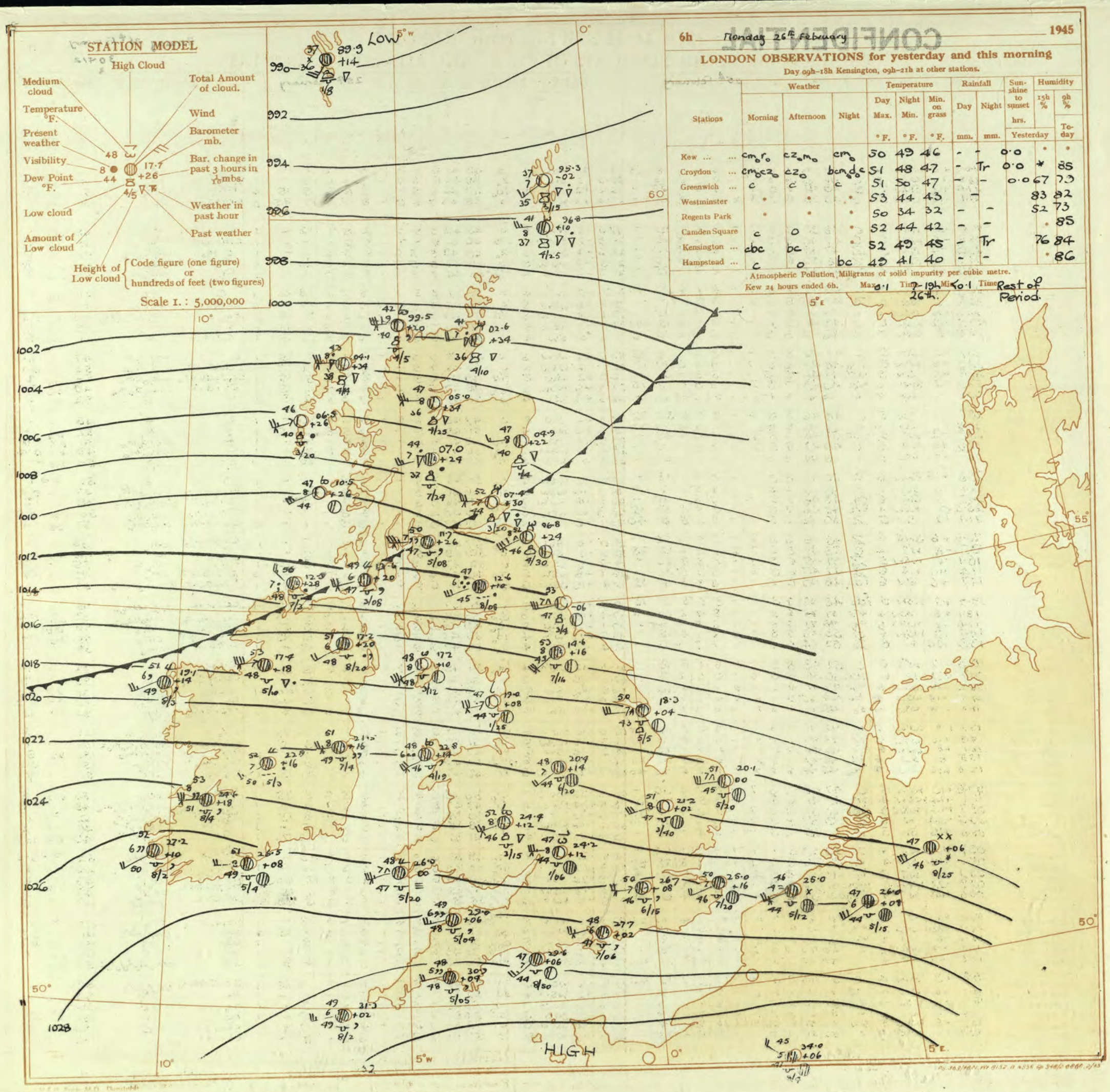
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.


STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in 1/10 mbs.
Dew Point °F.
Low cloud
Weather in past hour
Amount of Low cloud
Past weather
Height of Low cloud
Code figure (one figure) or hundreds of feet (two figures)
Scale 1. : 5,000,000
Low
HIGH
6h Monday 26th February 1945
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–21h at other stations.
Stations
Weather
Morning
Afternoon
Night
Temperature
Day Max. °F.
Night Min. °F.
Min. on grass °F.
Rainfall
Day mm.
Night mm.
Sunshine to sunset hrs. Yesterday
Humidity
15h % Yesterday
9h % Yesterday
9h % To-day
Kew ... cm0r0 cz0m0 cm0 50 49 46 - - 0.0 * *
Croydon ... cm0cz0 cz0 bcm0d0c 51 48 47 - Tr 0.0 * 85
Greenwich ... c c c 51 50 47 - - 0.0 67 73
Westminster * * * 53 44 43 - 83 82
Regents Park * * * 50 34 32 - - 52 73
Camden Square c 0 * 52 44 42 - - * 85
Kensington ... cbc bc * 52 49 45 - Tr 76 84
Hampstead ... c 0 bc 49 41 40 - - * 86
Atmospheric Pollution, Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0.1 Time 7-19h Min 0.1 Time 26th.
Rest of Period.

## GENERAL INFERENCE

Pressure remains high to the South and low to the North of the British Isles and secondary disturbances will move rapidly eastwards across, or near, our northern districts. Over England and Wales it will be mainly cloudy with local drizzle in the West, but with some bright intervals in the East. In Scotland weather will be changeable with some periods of general rain, alternating with bright intervals and showers. There will be fresh or strong west to southwesterly winds in all districts, with gale locally. It will be rather cold in the North, mild elsewhere

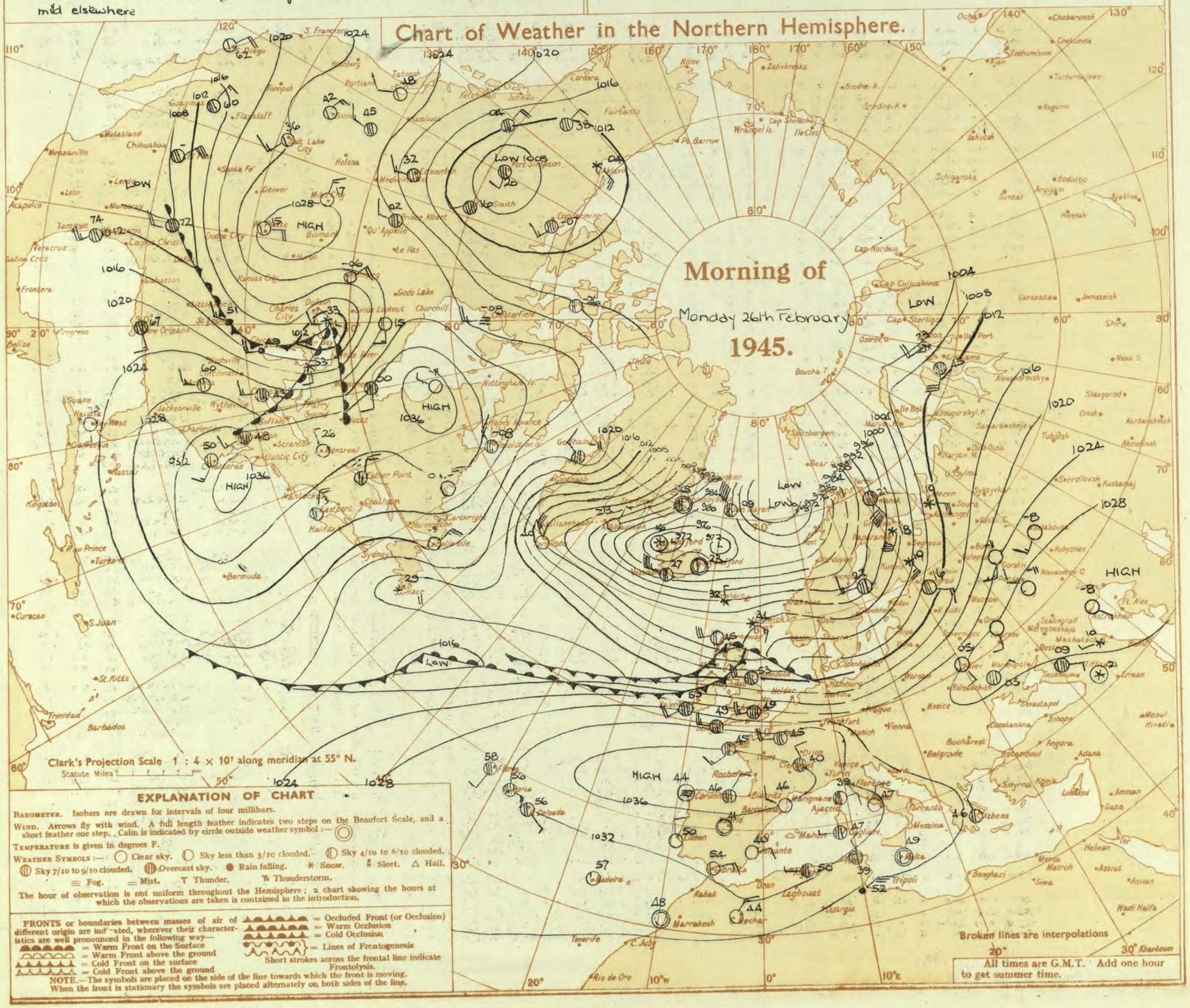
## FURTHER OUTLOOK

Similar.

Gale warning in operation in districts, 3, 4, 6, 7, 8, 9, 10, 12.

Times of issue 0505h. G.M.T. 24.2.45.
and 0215h. " 25.2.45.

# 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.

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.

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.

Monday 26th February 1945

No 30412

## OBSERVATIONS at 00hr. G.M.T. 26th February

| 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 | 25.9 | +2 | W'S | 5 | z | 49 | 46 | 6 | 5 | 7 | - | 8 | 6 | 8 | 10 | - |
| | Boscombe Down | 417 | 26.8 | 0 | SW'W | 4 | c.bc | 50 | 48 | 8 | 5 | - | - | 8 | 4 | 8 | 9 | 25 |
| | Thorney Island | 10 | 27.3 | -2 | W | 5 | z | 48 | 46 | 6 | 5 | | - | 8 | 5 | 8 | 8 | 40 |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 26.2 | -2 | W'S | 4 | z | 46 | 45 | 6 | 5 | 2 | - | 8 | 4 | 8 | 6 | 40 |
| | Manston | 140 | 24.8 | -6 | WSW | 5 | c | 48 | 45 | 7 | - | 7 | - | 6 | 6 | - | - | - |
| 2 | North Weald | 244 | 23.6 | -10 | SW | 6 | z | 50 | 45 | 6 | 5 | 3 | - | 6 | 5 | 6 | 10 | - |
| | Felixstowe | 10 | 22.7 | -6 | WSW | 5 | z | 49 | 46 | 5 | 5 | 1 | - | 8 | 3 | 5 | 10 | 15 |
| | Gorleston | 5 | 19.7 | -10 | WSW | 4 | cq | 52 | 47 | 7 | 9 | - | - | 7 | 7 | - | 10 | - |
| | Mildenhall | 15 | 20.1 | +12 | WSW | 7 | c | 51 | 48 | 8 | 5 | 7 | - | 6 | 5 | 6 | 30 | - |
| | Bircham Newton | 221 | 18.2 | -10 | WSW | 6 | z | 50 | 47 | 6 | 5 | 7 | - | 8 | 3 | 4 | 10 | 57 |
| | Cranwell | 203 | 18.1 | -8 | W'S | 6 | c.bc | 51 | 48 | 7 | 5 | · | - | 5 | 4 | 4 | 18 | 40 |
| 3 | Cranfield | 340 | 22.1 | -6 | WSW | 6 | c | 49 | 45 | 7 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| | Honiley | 427 | 21.4 | 0 | WSW | 5 | c | 51 | 45 | 8 | 5 | 7 | - | 8 | 4 | 8 | 15 | - |
| 4 | Little Rissington | 731 | 22.4 | -10 | WSW | 7 | c | 47 | 46 | 7 | 5 | - | - | 8 | 6 | 8 | 3 | 15 |
| | Shobden | 318 | 23.8 | +6 | SW'W | 4 | id. | 49 | 46 | 8 | 5 | - | - | 7 | 7 | - | 19 | - |
| 5 | Bristol | 209 | 26.9 | +4 | WSW | 5 | c/d | 49 | 47 | 7 | 5 | - | - | 8 | 8 | - | 8 | · |
| | Chivenor | 20 | 28.2 | +2 | WSW | 5 | id. | 49 | 48 | 5 | 5 | - | - | 8 | 8 | - | 5 | · |
| | Yeovilton | 50 | 27.4 | 0 | W'S | 4 | c | 51 | 49 | 7 | 5 | - | - | 8 | 5 | 8 | 10 | 15 |
| | Portland Bill | 32 | 28.5 | +2 | SSW | 5 | c | 47 | 46 | 8 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 100 | 28.7 | +2 | W | 3 | c/d | 51 | 46 | 8 | 5 | - | - | 8 | 3 | 5 | 10 | 15 |
| | Plymouth | 86 | 30.1 | -2 | WSW | 5 | d.d. | 48 | 48 | 4 | 5 | - | - | 8 | 8 | - | 3 | · |
| | St. Eval | 345 | 30.5 | +2 | WSW | 5 | 30/K | 48 | 48 | 3 | 5 | - | - | 8 | 8 | - | 1 | - |
| | The Lizard | 240 | 30.4 | 0 | W'S | 5 | DD | 48 | 48 | 4 | 5 | - | - | 8 | 8 | - | 8 | - |
| | Scilly, St. Marys | 163 | 30.4 | +4 | W | 5 | c | 49 | 49 | 8 | 5 | - | - | 8 | 8 | - | 15 | - |
| 6 | Fairwood | 268 | 26.7 | +2 | W | 5 | dF. | 47 | 47 | 3 | 5 | - | - | 8 | 8 | - | - | - |
| | Pembroke | 142 | 24.7 | +12 | SW'W | 7 | cq | 48 | 47 | 7 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 21.6 | +14 | SW | 6 | z | 47 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 2 | 25 |
| | Holyhead, Valley | 32 | 20.6 | +10 | SSW | 6 | z | 47 | 46 | 6 | 5 | 7 | - | 8 | 5 | 8 | 25 | - |
| | Hawarden | 15 | 20.8 | +28 | SW | 2 | c | 52 | 48 | 7 | 5 | 7 | - | 8 | 3 | 5 | 20 | 40 |
| 8 | Manchester | 230 | 18.7 | +6 | WSW | 6 | z | 51 | 46 | 6 | 5 | - | - | 8 | 8 | · | 10 | - |
| | Squires Gate | 30 | 17.9 | +14 | W'S | 6 | z | 48 | 45 | 6 | 5 | 7 | - | 6 | 4 | 5 | 31 | - |
| | Silloth | 25 | 13.1 | +10 | SSW | 6 | d.d. | 47 | 46 | 5 | - | 2 | - | 8 | 8 | - | 4 | - |
| 9 | Ashbourne | 590 | 15.6 | 0 | WSW | 5 | c/r | 50 | 47 | 7 | 5 | - | - | 8 | 6 | 8 | 10 | 25 |
| | Snaith | 30 | 16.1 | -9 | WSW | 5 | cbc/d | 52 | 47 | 6 | 5 | - | - | 5 | 5 | - | 20 | - |
| 10 | Spurn Head | 29 | 15.7 | -8 | SW | 6 | c.bcq | 49 | 46 | 6 | 5 | - | - | 5 | 5 | - | 15 | - |
| | Leeming | 105 | 12.4 | -6 | WSW | 6 | c.bc | 52 | 46 | 8 | 5 | 3 | - | 5 | 4 | 4 | 12 | - |
| | Tynemouth | 108 | 10.0 | +4 | W | 6 | cq | 53 | 48 | 7 | 2 | - | - | 6 | 4 | - | 15 | - |
| | Acklington | 138 | 08.2 | +6 | WSW | 6 | c.bc | 52 | 47 | 7 | 5 | 3 | - | 5 | 4 | 6 | 15 | 25 |
| 11 | St. Abb's Head | 280 | 05.2 | +14 | WSW | 5 | b.bc | 52 | 46 | 8 | 2 | - | - | 3 | 3 | - | 30 | - |
| | Leuchars | 31 | 04.3 | +10 | SW | 6 | c.bc | 52 | 49 | 7 | 5 | 3 | - | 5 | 3 | 4 | 20 | - |
| | Montrose | 22 | 02.5 | +10 | SW | 3 | b | 52 | 46 | 8 | 5 | - | - | 2 | 2 | — | 30 | - |
| 12 | Abbotsinch | 19 | 08.5 | +14 | WSW | 6 | d.d. | 51 | 48 | 6 | 5 | - | - | 8 | 8 | - | 12 | - |
| | Prestwick | 30 | 11.3 | +18 | SSW | 5 | id. | 50 | 47 | 5 | 5 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| | West Freugh | 53 | 12.7 | +10 | WSW | 5 | rr | 49 | 48 | 7 | 5 | - | - | 8 | 4 | 8 | 15 | 25 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 15.1 | +8 | SW'S | 7 | d.d. | 49 | 46 | 6 | 5 | 7 | - | 8 | 2 | 4 | 8 | 25 |
| 13A | Machrihanish | 35 | 10.8 | +8 | WSW | 6 | c/r | 49 | 47 | 6 | 5 | 2 | - | 8 | 3 | 5 | 10 | 25 |
| | Tiree | 44 | 06.3 | +12 | SW'S | 5 | dd | 48 | 48 | 5 | 5 | 2 | - | 8 | 5 | 8 | 8 | 8 |
| | Oban | 74 | 07.5 | +12 | SW | 5 | rr. | 48 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 8 | 15 |
| 13B | Stornoway | 12 | 98.8 | -8 | WSW | 6 | bc/r | 45 | 40 | 8 | 5 | - | - | 4 | 4 | — | 16 | - |
| | Cape Wrath | 367 | 97.2 | -16 | SW | 3 | c/r | 42 | 42 | 7 | 5 | 2 | - | 8 | 5 | · | 8 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | | | | | | | | | | | |
| | Fraserburgh | 76 | 01.6 | -6 | SW | 3 | c/r | 40 | 40 | 8 | 5 | 7 | - | 6 | 4 | 3 | 20 | - |
| | Alness | 63 | 00.5 | -14 | NW'N | 5 | r | 45 | 45 | 6 | 6 | · | - | 8 | 8 | - | 20 | - |
| | Wick | 114 | 99.8 | -8 | SW | 3 | c | 33 | 31 | 7 | 5 | 7 | - | 7 | 3 | 4 | 15 | 40 |
| 16 | Hatston | 45 | 98.4 | -8 | S'W | 3 | ir. | 37 | 35 | 7 | 5 | 7 | - | 6 | 4 | 5 | 25 | 40 |
| | Sumburgh | 15 | 98.9 | -14 | SSE | 2 | rs | 35 | 35 | 6 | 5 | 2 | - | 8 | 5 | 8 | 8 | 15 |
| | Sullom Voe | 12 | 98.2 | -14 | SE | 3 | r | 39 | 37 | 6 | - | 2 | - | 8 | 8 | - | 12 | - |
| 17 | Blacksod Point † | 18 | 16.3 | +2 | SW | 5 | c | 51 | 49 | 6 | 5 | - | - | 7 | 7 | - | 8 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 14.5 | +10 | SW | 6 | dd | 50 | 50 | 4 | 5 | - | - | 8 | 8 | - | 7 | - |
| | Cas. Archdale | 240 | 13.8 | -4 | W'S | 8 | b/d | 51 | 45 | 7 | 5 | - | 3 | 2 | 1 | 2 | 20 | 40 |
| 19 | Birr Castle … † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 08.1 | +14 | W'S | 6 | id. | 51 | 49 | 8 | 5 | 3 | - | 7 | 5 | - | 17 | - |
| 20 | Foynes … † | 3 | 22.1 | +14 | W | 5 | c | 54 | 50 | 8 | 5 | - | - | 7 | 7 | · | 27 | - |
| | Valentia … † | 30 | 25.8 | +14 | SW'W | 4 | o | 53 | 49 | 7 | 5 | - | - | 8 | 8 | - | 16 | - |
| | Roches Point † | 22 | 24.7 | +14 | W | 5 | bc | 51 | 49 | 8 | 5 | 3 | - | 4 | 3 | - | 15 | - |

## OBSERVATIONS at 06hr. G.M.T. 26th February

| 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) | 9 h. State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 25.8 | +6 | WS | 5 | z | 51 | 45 | 6 | 5 | - | - | 7 | 6 | 7 | 18 | 25 | 1 |
| Croydon | 26.7 | +8 | W | 4 | c | 50 | 46 | 7 | 5 | - | - | 6 | 6 | - | 15 | - | 1 |
| Boscombe Down | 27.2 | +6 | WS | 5 | c | 50 | 47 | 8 | 5 | - | - | 8 | 5 | 8 | 13 | 25 | 0 |
| Thorney Island | 27.7 | +2 | WS | 5 | z | 48 | 47 | 6 | 5 | - | - | 7 | 7 | - | 6 | - | 0 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 26.6 | +6 | WSW | 4 | z | 47 | 45 | 6 | 5 | 7 | - | 8 | 5 | 8 | 9 | - | 1 |
| Manston | 25.0 | +16 | WSW | 4 | c | 50 | 46 | 7 | 5 | - | - | 7 | 7 | - | 20 | - | 1 |
| North Weald | 24.9 | +10 | WSW | 6 | z | 50 | 44 | 6 | 5 | - | - | 4 | 2 | 4 | 10 | 57 | 1 |
| Felixstowe | 23.4 | +8 | WSW | 5 | z | 50 | 45 | 6 | 5 | - | - | 5 | 5 | - | 27 | - | 0 |
| Gorleston | 20.1 | 0 | WS | 4 | cbcq | 51 | 45 | 7 | 5 | - | - | 5 | 5 | - | 50 | - | 0 |
| Mildenhall | 21.2 | +2 | WSW | 6 | b.bc | 51 | 47 | 8 | 5 | - | - | 3 | 3 | 1 | 40 | - | 0 |
| Bircham Newton | 19.7 | +6 | WSW | 5 | z | 49 | 45 | 6 | 5 | - | - | 5 | 5 | - | 40 | - | 0 |
| Cranwell | 19.2 | +4 | WSW | 6 | bc | 52 | 46 | 7 | 5 | - | - | 4 | 4 | - | 25 | - | 1 |
| Cranfield | 23.8 | +12 | W | 4 | cbc | 48 | 45 | 7 | 5 | 3 | - | 5 | 4 | 3 | 25 | - | 1 |
| Honiley | 23.0 | +10 | WSW | 5 | c | 50 | 45 | 8 | 5 | - | - | 6 | 6 | - | 25 | - | 1 |
| Little Rissington | 24.2 | +12 | W | 7 | bc | 47 | 44 | 8 | 5 | 3 | 1 | 4 | 1 | 3 | 6 | - | 1 |
| Shobden | 24.4 | +12 | WSW | 5 | c | 52 | 46 | 8 | 8 | 7 | - | 6 | 3 | 5 | 15 | 25 | 1 |
| Bristol | 27.4 | +10 | WSW | 6 | c/d | 49 | 48 | 6 | - | 2 | - | 8 | 8 | - | 4 | - | 1 |
| Chivenor | 29.0 | +6 | WS | 5 | dodo | 49 | 48 | 6 | 5 | - | - | 8 | 5 | 8 | 4 | 6 | 1 |
| Yeovilton | 28.1 | +2 | WS | 3 | cbc | 51 | 48 | 7 | 5 | - | - | 5 | 5 | - | 18 | - | 0 |
| Portland Bill | 29.6 | +6 | SW | 5 | c | 47 | 44 | 7 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| Exeter | 29.2 | 0 | W | 4 | c | 51 | 47 | 8 | 5 | - | - | 6 | 6 | - | 25 | - | 1 |
| Plymouth | 30.9 | +4 | W'S | 4 | dodo | 48 | 48 | 5 | 5 | - | - | 8 | 5 | - | 25 | - | 1 |
| St. Eval | 31.1 | +2 | WSW | 4 | dF | 48 | 48 | 1 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| The Lizard | 31.6 | +2 | W | 5 | dd | 48 | 48 | 4 | 5 | - | - | 6 | 6 | - | 8 | - | 1 |
| Scilly, St. Marys | 31.3 | +2 | WS | 5 | z | 49 | 49 | 6 | 5 | · | - | 8 | 8 | - | 4 | - | 1 |
| Fairwood | 27.7 | +6 | W | 6 | z | 48 | 47 | 6 | 5 | - | - | 8 | 8 | - | 4 | - | 1 |
| Pembroke | 26.0 | 0 | WSW | 7 | cq | 48 | 47 | 7 | 5 | 2 | - | 8 | 5 | 3 | 20 | - | 1 |
| Aberporth | 24.8 | +6 | WSW | 6 | z | 49 | 47 | 6 | 5 | 4 | - | 4 | 3 | 2 | 20 | - | 1 |
| Penrhos | 23.2 | +10 | WSW | 5 | c | 50 | 46 | 7 | 8 | · | - | 6 | 6 | - | 30 | - | 0 |
| Holyhead, Valley | 22.8 | +14 | SW | 6 | roro | 48 | 46 | 6 | 5 | 7 | - | 8 | 4 | 8 | 19 | - | 1 |
| Hawarden | 20.9 | +8 | WSW | 6 | c | 52 | 48 | 7 | 5 | 8 | - | 6 | 5 | 5 | 25 | - | 0 |
| Manchester | 19.6 | +14 | WSW | 6 | cbc | 51 | 45 | 7 | 5 | - | - | 5 | 5 | - | 12 | - | 2 |
| Squires Gate | 19.0 | +8 | WS | 6 | b.bc | 47 | 44 | 7 | 5 | 4 | - | 3 | 1 | 3 | 25 | - | 0 |
| Silloth | 15.7 | +18 | SSW | 6 | ido | 48 | 44 | 6 | 5 | - | - | 8 | 5 | 8 | 10 | 25 | 1 |
| Ashbourne | 20.4 | +14 | SW | 4 | c | 43 | 44 | 7 | 5 | - | - | 8 | 6 | 8 | 20 | 40 | 1 |
| Snaith | 18.2 | +10 | WSW | 6 | c | 52 | 45 | 7 | 5 | - | - | 8 | 8 | - | 23 | - | 1 |
| Spurn Head | 18.3 | +4 | W | 1 | cbcq | 50 | 43 | 7 | 7 | - | - | 5 | 5 | - | 25 | - | 0 |
| Leeming | 14.6 | +16 | SW | 6 | c | 53 | 45 | 8 | 5 | - | - | 7 | 7 | - | 16 | - | 1 |
| Tynemouth | 09.5 | -6 | W | 6 | bbcq | 53 | 47 | 7 | 2 | - | - | 3 | 3 | - | 15 | - | 1 |
| Acklington | 08.9 | +6 | WS | 7 | b.bc | 51 | 47 | 8 | 5 | - | - | 3 | 3 | - | 15 | - | 0 |
| St. Abb's Head | 06.8 | +24 | WSW | 8 | bcq | 52 | 46 | 8 | 2 | 6 | - | 4 | 4 | 2 | 30 | - | 0 |
| Leuchars | 07.4 | +30 | W | 6 | b.bc | 52 | 44 | 7 | 2 | 6 | - | 3 | 3 | 2 | 20 | - | 1 |
| Montrose | 06.5 | +26 | SW | 4 | bbc | 53 | 45 | 8 | 5 | - | - | 3 | 3 | - | 40 | - | 0 |
| Abbotsinch | 11.7 | +26 | WS | 5 | dodo | 50 | 47 | 7 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 1 |
| Prestwick | 14.6 | +26 | SWW | 4 | roro | 48 | 47 | 6 | 5 | 2 | - | 8 | 5 | 8 | 11 | 15 | 1 |
| West Freugh | 16.1 | +20 | WSW | 5 | roro | 50 | 48 | 7 | 5 | - | - | 8 | 3 | 8 | 8 | 25 | 1 |
| Eskdalemuir | 12.6 | +10 | WSW | 6 | RR | 47 | 45 | 6 | 6 | - | - | 8 | 8 | - | 8 | - | 1 |
| Jurby, I. of Man | 17.2 | +10 | SW | 7 | bc | 48 | 48 | 8 | 5 | 3 | - | 4 | 3 | 4 | 12 | 25 | (8) |
| Machrihanish | 13.6 | +20 | WSW | 6 | z | 49 | 47 | 6 | 5 | 2 | - | 8 | 3 | 5 | 8 | 15 | 1 |
| Tiree | 10.5 | +26 | WSW | 5 | b.bc | 47 | 44 | 8 | - | 7 | - | 3 | 3 | - | - | - | 1 |
| Oban | 11.5 | +36 | SW | 4 | bc | 48 | 42 | 8 | 2 | - | - | 4 | 2 | 4 | 15 | 25 | 1 |
| Stornoway | 04.1 | +34 | W | 6 | pr | 43 | 38 | 8 | 3 | - | - | 5 | 4 | 5 | 14 | 15 | 1 |
| Cape Wrath | 95.9 | +22 | S | 6 | ib | 40 | 35 | 8 | 8 | 6 | - | 6 | 4 | - | 25 | - | 2 |
| Dalwhinnie | 07.0 | +24 | WSW | 5 | pr | 44 | 37 | 7 | 8 | - | - | 7 | 7 | - | 24 | - | 1 |
| Aberdeen | 04.9 | +22 | W | 3 | bc | 47 | 40 | 8 | 8 | - | - | 4 | 1 | 4 | 15 | 25 | 1 |
| Fraserburgh | 04.2 | +28 | WNW | 4 | pr | 44 | 41 | 8 | 3 | - | - | 5 | 5 | - | 18 | - | 1 |
| Alness | 05.0 | +34 | W | 7 | bc | 47 | 36 | 8 | 2 | - | - | 4 | 4 | - | 25 | - | 1 |
| Wick | 02.6 | +34 | W | 4 | pr | 41 | 36 | 7 | 3 | 6 | - | 4 | 4 | 2 | 10 | - | 1 |
| Hatston | 99.9 | +20 | WS | 7 | cbcjp | 43 | 37 | 7 | 8 | 3 | - | 5 | 3 | 4 | 20 | 40 | 1 |
| Sumburgh | 96.8 | +10 | W | 5 | cbc/pr | 41 | 37 | 8 | 3 | 3 | - | 5 | 4 | 3 | 25 | - | 1 |
| Sullom Voe | 95.3 | -2 | SW | 3 | bc/pr | 37 | 35 | 7 | 3 | - | - | 3 | 3 | - | 15 | - | 1 |
| Blacksod Point † | 19.1 | +14 | WSW | 5 | ido | 51 | 49 | 6 | - | 2 | - | 8 | 8 | - | 8 | - | 1 |
| Malin Head † | 12.3 | +28 | WNW | 5 | dr | 50 | 48 | 7 | 5 | - | - | 7 | 7 | - | 8 | - | 1 |
| Aldergrove | 17.2 | +20 | SWW | 4 | c/d | 51 | 48 | 6 | 5 | - | - | 8 | 8 | - | 20 | - | 1 |
| Cas. Archdale | 17.4 | +18 | W | 8 | c/r | 53 | 48 | 7 | 5 | - | - | 8 | 5 | 7 | 10 | 15 | 1 |
| Birr Castle … † | 22.9 | +16 | SW | 3 | c | 52 | 50 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - | 1 |
| Collinstown † | 28.5 | +16 | WS | 5 | o/d | 51 | 49 | 8 | 5 | - | - | 7 | 7 | - | 15 | - | 1 |
| Foynes … † | 24.6 | +18 | WN | 5 | dodo | 53 | 51 | 8 | 5 | - | - | 8 | 8 | - | 11 | - | 1 |
| Valentia … † | 27.2 | +10 | SWW | 4 | dodo | 52 | 50 | 6 | 5 | - | - | 8 | 8 | - | 6 | - | 1 |
| Roches Point † | 26.5 | +8 | W | 4 | cbc | 51 | 49 | 8 | 5 | - | - | 5 | 5 | - | 15 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Temperature 21h.–09h. Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | cmo | cmo | 49 | 46 | — |
| Croydon | bcm.cm. | cidoc | 48 | 47 | Tr |
| Boscombe Down | cid.c | c | 47 | 47 | — |
| Thorney Island | cm. | cmocdodomo | 47 | - | Tr |
| Friston | | | | | |
| Lympne | ccm. | cmo | 45 | 44 | — |
| Manston | c | c | 46 | 46 | — |
| North Weald | cm. | cmobcz. | 47 | * | Tr |
| Felixstowe | cm. | bcmo | 47 | 45 | — |
| Gorleston | cq | cq | 42 | 41 | — |
| Mildenhall | c | c | 48 | 45 | - |
| Bircham Newton | bcm. | cmo | 47 | 46 | - |
| Cranwell | cm. | c | 50 | 47 | — |
| Cranfield | c | cbcmobc | 48 | 39 | Tr |
| Honiley | c | cbc | 48 | 46 | - |
| Little Rissington | c | cbcbc | 46 | 43 | — |
| Shobden | cid. | cdoropbc | 49 | 48 | Tr |
| Bristol | cid.c | cidodomo | 50 | 47 | Tr |
| Chivenor | cdodo m. | cdodomo | 48 | 47 | 0.2 |
| Yeovilton | c | c | 45 | - | Tr |
| Portland Bill | cc | oc | 45 | * | — |
| Exeter | cid. | c | 49 | 47 | 1 |
| Plymouth | cdodo m. | cdodom. | 47 | 47 | 0.5 |
| St. Eval | [illegible] | offmd | 47 | 47 | 1 |
| The Lizard | odd | cddm. | 47 | * | 1 |
| Scilly, St. Marys | c | odff | 48 | * | 0.2 |
| Fairwood | od.o d.f. | dodofmc | 40 | 42 | 0.3 |
| Pembroke | ocq ofq | cq | 46 | * | 0.1 |
| Aberporth | * | cm | 48 | 47 | Tr |
| Penrhos | cmo cm. in. | bf | 46 | 46 | Tr |
| Holyhead, Valley | cm. | bcido | 45 | 44 | 0.1 |
| Hawarden | ciro cro c | cbcc | 50 | 47 | Tr |
| Manchester | cmororo c | cmobcmo | 49 | 44 | 0.2 |
| Squires Gate | cm. | bbceb | 46 | 44 | — |
| Silloth | crorom d.d. | cmoidomo | 47 | - | 2 |
| Ashbourne | ccm. cir. | c | 48 | 46 | Tr |
| Snaith | cidm. | cidozoc | 51 | 49 | Tr |
| Spurn Head | cqm. | cq | 49 | * | — |
| Leeming | cid.c | cbcc | 48 | 48 | — |
| Tynemouth | cmobcq | bcq | 52 | 47 | — |
| Acklington | crr.c | cbc | 50 | 49 | — |
| St. Abb's Head | cbcrorbc | bccbcq | 50 | * | — |
| Leuchars | crrm.b | cbcprbc | 39 | 33 | 0.5 |
| Montrose | cror.bc | bbccb | 48 | 43 | Tr |
| Abbotsinch | ccl.dom. | cdodomoc | 47 | 46 | 2 |
| Prestwick | cdodom. | ororomo | 42 | 41 | 3 |
| West Freugh | crorcroro | ccroro | 49 | 47 | 0.4 |
| Eskdalemuir | oRRrrmo | orcrmo | 46 | 46 | 17 |
| Jurby, I. of Man | ciroacidom. | cdomo | 48 | 45 | Tr |
| Machrihanish | rrc | rrd2 | 48 | 45 | 2 |
| Tiree | crorocddm. | cidomocb | 46 | 43 | 4 |
| Oban | crorom. | crorod.dobc | 46 | * | x |
| Stornoway | crorc | ccprocbc | 41 | 37 | 1 |
| Cape Wrath | cpr | cpro | 39 | * | 3 |
| Dalwhinnie | * | orrprc | 42 | 38 | 9 |
| Aberdeen | | cprocbc | 35 | 31 | 0.4 |
| Fraserburgh | crrcr.r. | cpro | 40 | — | — |
| Alness | crdrom. | crrcbc | 39 | 35 | 3 |
| Wick | crrc | cprobcb | 37 | 35 | 1 |
| Hatston | rrr | crrbce | 36 | * | 4 |
| Sumburgh | cm.crorsn. | ciroprbc | 39 | 32 | 5 |
| Sullom Voe | cssrosom | crosoprogp | 32 | 31 | 2 |
| Blacksod Point † | c | d | 49 | * | 0.1 |
| Malin Head † | | r | 46 | * | 1 |
| Aldergrove | rorddm | ddroroid | 48 | 43 | 1 |
| Cas. Archdale | cd.d. | cproirop. | 49 | 46 | 0.1 |
| Birr Castle … † | * | r | 50 | 50 | 1 |
| Collinstown † | c | d | 51 | 49 | 0.6 |
| Foynes … † | c | d | 53 | 51 | 0.2 |
| Valentia … † | c | d | 51 | 49 | 0.1 |
| Roches Point † | b | e | 51 | * | — |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

**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.
‡ Second figure in col. (33) gives depth of snow in inches.

BRITISH SECTION

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

Tuesday 27th February 1945

No. 30413.

## OBSERVATIONS at 12h. G.M.T. 26th February

| 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) | 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 B. (16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 29.6 | +14 | W | 4 | c | 55 | 48 | 7 | 5 | 3 | - | 7 | 7 | 7 | 15 | - |
| | Croydon ... | 31.6 | +30 | W'N | 5 | c | 54 | 46 | 7 | 5 | - | - | 8 | 7 | - | 12 | - |
| | Boscombe Down | 30.5 | +12 | W'S | 5 | c | 55 | 49 | 8 | 5 | - | - | 8 | 4 | 8 | 14 | 25 |
| | Thorney Island | 31.4 | +18 | W'S | 4 | c | 52 | 47 | 7 | 5 | 3 | - | 6 | 4 | 6 | 12 | 25 |
| | Friston ... | | | | | | | | | | | | | | | | |
| | Lympne ... | 30.5 | +18 | SW'W | 3 | c | 52 | 49 | 7 | 5 | - | - | 8 | 8 | - | 10 | - |
| | Manston ... | 28.9 | +20 | W'S | 5 | c | 53 | 47 | 7 | 5 | - | - | 7 | 5 | 7 | 18 | 25 |
| 2 | North Weald | 28.9 | +20 | WSW | 5 | c | 55 | 46 | 7 | 5 | 3 | - | 6 | 4 | 3 | 15 | 25 |
| | Felixstowe ... | 26.4 | +16 | WSW | 4 | $z_0$ | 55 | 48 | 6 | 1 | - | 2 | 5 | 4 | 4 | 18 | - |
| | Gorleston ... | 23.6 | +20 | W | 5 | bcq | 58 | 48 | 7 | 1 | - | - | 4 | 4 | - | 30 | - |
| | Mildenhall | 26.2 | +22 | W'S | 5 | c | 56 | 50 | 8 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Bircham Newton | 24.5 | +24 | WSW | 6 | c | 55 | 49 | 7 | 5 | - | - | 7 | 5 | 7 | 25 | 57 |
| | Cranwell ... | 24.9 | +32 | WSW | 6 | bc | 58 | 50 | 7 | 5 | - | - | 4 | 3 | 4 | 25 | 40 |
| 3 | Cranfield ... | 27.5 | +20 | WSW | 4 | c-bc | 54 | 48 | 7 | 5 | - | - | 5 | 4 | 4 | 12 | 40 |
| | Honiley ... | 26.6 | +22 | WSW | 5 | c-bc | 57 | 47 | 8 | 5 | 7 | 1 | 5 | 4 | 5 | 18 | 25 |
| 4 | Little Rissington | 28.8 | +38 | WSW | 5 | c | 51 | 47 | 7 | 5 | 4 | - | 6 | 5 | 4 | 8 | 40 |
| | Shobden ... | 27.8 | +20 | WSW | 6 | c-bc | 53 | 49 | 8 | 5 | - | - | 5 | 4 | 5 | 12 | 15 |
| 5 | Bristol ... | 30.6 | +10 | WSW | 5 | $id_0$ | 53 | 51 | 6 | 5 | - | - | 8 | 6 | 8 | 5 | 15 |
| | Chivenor ... | 32.3 | +18 | W'S | 4 | c | 50 | 49 | 6 | 5 | - | - | 8 | 3 | 8 | 4 | 8 |
| | Yeovilton | 31.2 | +8 | W | 4 | c | 56 | 50 | 8 | 5 | - | - | 7 | 4 | 7 | 12 | 15 |
| | Portland Bill | 31.9 | +16 | SW | 5 | c | 48 | 46 | 8 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter ... | 32.6 | +12 | WNW | 5 | c | 56 | 49 | 8 | 5 | - | - | 6 | 6 | - | 20 | - |
| | Plymouth ... | 34.3 | +16 | SW | 4 | $id_0$ | 48 | 48 | 6 | 5 | - | - | 7 | 5 | 7 | 5 | 15 |
| | St. Eval ... | 34.0 | +10 | WSW | 4 | ff | 50 | 50 | 1 | 5 | - | - | 8 | 8 | - | 0 | - |
| | The Lizard | 34.1 | +12 | W'S | 5 | off | 49 | 49 | 1 | 5 | - | - | 8 | 8 | - | 0 | - |
| | Scilly, St. Marys | 34.6 | +18 | NNW | 4 | F | 50 | 50 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Fairwood ... | 31.4 | +22 | WSW | 5 | $id_0$ | 48 | 48 | 4 | 5 | - | - | 8 | 6 | 8 | 2 | 5 |
| 6 | Pembroke ... | 29.4 | +18 | SW'W | 6 | oq | 48 | 47 | 6 | 5 | - | - | 8 | 8 | - | 19 | - |
| | Aberporth ... | 28.5 | +16 | WSW | 5 | bc | 55 | 49 | 7 | 5 | 4 | - | 4 | 4 | 2 | 20 | - |
| 7 | Penrhos ... | 26.2 | +10 | SW | 5 | c-bc | 55 | 47 | 7 | 5 | 7 | - | 5 | 3 | 4 | 15 | 25 |
| | Holyhead, Valley | 26.4 | +14 | SW | 5 | c | 50 | 48 | 8 | 5 | 4 | - | 7 | 6 | 1 | 30 | - |
| | Hawarden ... | 25.1 | +22 | WSW | 5 | bc | 58 | 51 | 8 | 5 | - | - | 4 | 4 | - | 15 | - |
| 8 | Manchester | 24.1 | +24 | W'S | 5 | c-bc | 57 | 48 | 7 | 5 | - | - | 5 | 5 | - | 20 | - |
| | Squires Gate | 23.5 | +20 | W | 6 | $z_0$ | 50 | 45 | 6 | 5 | 3 | - | 6 | 4 | 4 | 20 | - |
| | Silloth ... | 20.6 | +28 | SW | 6 | bc | 49 | 47 | 7 | 5 | - | - | 4 | 4 | 2 | 7 | 15 |
| 9 | Ashbourne ... | 25.3 | +22 | WSW | 4 | c | 52 | 48 | 8 | 5 | - | - | 7 | 5 | 7 | 10 | 25 |
| | Snaith ... | 23.5 | +30 | W | 6 | c | 55 | 47 | 7 | 5 | - | - | 8 | 8 | - | 20 | - |
| 10 | Spurn Head | 22.3 | +30 | WSW | 3 | c | 52 | 46 | 7 | 7 | - | - | 8 | 8 | - | 15 | - |
| | Leeming | 20.5 | +38 | WSW | 2 | c | 55 | 47 | 8 | 5 | - | - | 7 | 7 | - | 18 | - |
| | Tynemouth | 17.7 | +34 | W | 8 | c-bcq | 56 | 50 | 7 | 2 | - | - | 5 | 5 | - | 18 | - |
| | Acklington | 15.4 | +32 | W'N | 5 | c | 55 | 48 | 8 | 5 | 6 | - | 7 | 3 | 6 | 10 | 15 |
| 11 | St. Abb's Head | 14.7 | +32 | W | 4 | c | 53 | 45 | 8 | 5 | - | - | 6 | 6 | - | 25 | - |
| | Leuchars ... | 12.6 | +22 | WSW | 7 | bc | 55 | 48 | 8 | 3 | 6 | 3 | 4 | 3 | 1 | 30 | - |
| | Montrose ... | 12.6 | +30 | WSW | 5 | b-bc | 56 | 36 | 9 | 1 | 4 | - | 3 | 3 | 1 | 25 | - |
| 12 | Abbotsinch | 17.1 | +22 | WSW | 4 | $r_0r_0$ | 51 | 49 | 7 | 5 | - | - | 8 | 5 | 3 | 6 | 15 |
| | Prestwick ... | 18.8 | +22 | WSW | 4 | $r_0r_0$ | 49 | 48 | 4 | 5 | 2 | - | 8 | 6 | 8 | 5 | 15 |
| | West Freugh | 20.5 | +26 | WSW | 4 | dd | 52 | 51 | 6 | 5 | - | - | 8 | 5 | 8 | 5 | 8 |
| | Eskdalemuir | 17.4 | +20 | WSW | 6 | $z_0$ | 51 | 48 | 6 | 5 | - | - | 8 | 8 | - | 11 | - |
| | Jurby, I. of Man | 22.6 | +26 | SW | 5 | c/d | 49 | 47 | 8 | 5 | - | - | 7 | 1 | 7 | 10 | 25 |
| 13A | Machrihanish | 18.5 | +26 | W'S | 4 | id | 49 | 47 | 5 | 5 | - | - | 8 | 4 | 8 | 4 | 15 |
| | Tiree ... | 15.7 | +26 | W'S | 4 | b | 50 | 43 | 8 | 1 | 4 | - | 2 | 1 | 2 | 40 | - |
| | Oban ... | 17.3 | +32 | SSW | 5 | c | 48 | 44 | 8 | 9 | 6 | - | 7 | 4 | 5 | 8 | 15 |
| 13B | Stornoway ... | 08.8 | +26 | WSW | 6 | bc | 47 | 40 | 8 | 8 | - | 9 | 4 | 4 | 3 | 18 | 25 |
| | Cape Wrath | 06.3 | +28 | W | 5 | pr | 41 | 39 | 9 | 8 | 7 | - | 5 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 13.0 | +20 | W | 5 | bc | 47 | 32 | 8 | 2 | - | - | 4 | 4 | - | 25 | - |
| | Aberdeen ... | 10.8 | +18 | W'N | 4 | b-bc | 53 | 34 | 9 | 1 | 4 | - | 3 | 3 | 1 | 40 | - |
| | Fraserburgh | 09.6 | +20 | WNW | 5 | b | 50 | 36 | 8 | 1 | - | - | 2 | 2 | 1 | 30 | 40 |
| | Alness ... | 10.1 | +22 | WSW | 6 | pr | 50 | 41 | 8 | 3 | 6 | 3 | 5 | 4 | 5 | 25 | - |
| | Wick ... | 08.0 | +26 | W'S | 6 | c-bc | 46 | 39 | 8 | 8 | 6 | - | 5 | 2 | 5 | 10 | 25 |
| 16 | Hatston ... | 05.4 | +18 | WSW | 7 | bcjp | 45 | 40 | 7 | 3 | 6 | - | 4 | 4 | 3 | 25 | - |
| | Sumburgh ... | 02.1 | +22 | W'S | 5 | bc | 45 | 38 | 8 | 8 | 6 | - | 4 | 3 | 2 | 20 | 40 |
| | Sullom Voe | 00.6 | +26 | WSW | 6 | b-bc/p | 44 | 37 | 8 | 8 | - | - | 3 | 3 | 1 | 20 | 40 |
| 17 | Blacksod Point† | 22.9 | +24 | SW | 4 | id | 52 | 48 | 6 | 1 | 2 | - | 8 | 8 | - | 8 | - |
| 18 | Malin Head † | 17.5 | +20 | W'S | 5 | c-bc | 51 | 49 | 8 | 5 | - | - | 5 | 5 | - | 15 | - |
| | Aldergrove | 21.5 | +24 | WSW | 6 | c/d | 51 | 50 | 6 | 5 | 2 | - | 8 | 7 | 8 | 8 | 15 |
| | Cas. Archdale | 22.7 | +26 | W | 6 | id | 53 | 48 | 7 | 5 | - | - | 8 | 5 | - | 14 | 72 |
| 19 | Birr Castle ... † | 26.2 | +14 | WSW | 3 | c | 54 | 49 | 7 | 6 | 2 | - | 8 | 5 | - | 15 | - |
| | Collinstown † | 24.9 | +22 | WSW | 5 | id | 54 | 49 | 8 | 5 | - | - | 8 | 8 | - | 12 | - |
| 20 | Foynes ... † | 27.8 | +16 | W'S | 4 | c | 55 | 51 | 7 | 5 | - | - | 7 | 7 | - | 19 | - |
| | Valentia ... † | 30.2 | +14 | SW | 4 | c | 53 | 51 | 6 | 5 | - | - | 8 | 8 | - | 11 | - |
| | Roches Point † | 30.1 | +18 | WSW | 3 | c | 52 | 50 | 8 | 5 | - | - | 6 | 6 | - | 15 | - |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

## OBSERVATIONS at 18h. G.M.T. 26th February

| 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) | Height of Base B. (32) | 21 h State of Ground. ‡ 0-9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Kew ... | 32.0 | +18 | WSW | 4 | $z_0$ | 55 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 18 | 25 | 1 |
| | Croydon ... | 32.6 | +20 | NW'W | 4 | $z_0$ | 54 | 47 | 6 | 5 | - | - | 8 | 5 | 8 | 20 | 40 | 1 |
| | Boscombe Down | 33.1 | +20 | W | 4 | c | 54 | 50 | 7 | 5 | - | - | 8 | 4 | 8 | 12 | 25 | 0 |
| | Thorney Island | 33.1 | +16 | W | 4 | $z_0$ | 50 | 47 | 5 | 5 | - | - | 8 | 5 | 8 | 8 | 15 | 0 |
| | Friston ... | | | | | | | | | | | | | | | | | |
| | Lympne ... | 31.7 | 0 | WSW | 3 | c | 52 | 49 | 7 | 5 | - | - | 7 | 7 | - | 20 | - | 1 |
| | Manston ... | 30.7 | +22 | W | 4 | c | 54 | 48 | 7 | 5 | - | - | 7 | 7 | - | 30 | - | 1 |
| 2 | North Weald | 31.7 | +22 | W'S | 4 | b-bc | 52 | 46 | 7 | 5 | 4 | 1 | 3 | 2 | 2 | 20 | - | 1 |
| | Felixstowe ... | 29.6 | +22 | W'S | 4 | $z_0$ | 52 | 48 | 6 | 4 | 4 | - | 4 | 1 | 4 | 20 | - | 0 |
| | Gorleston ... | 27.9 | +28 | W'N | 4 | cq | 57 | 53 | 6 | 5 | - | - | 7 | 7 | - | 15 | - | 0 |
| | Mildenhall | 28.8 | +18 | W'S | 6 | bc | 54 | 50 | 7 | 5 | 4 | 1 | 4 | 2 | 4 | 35 | - | 0 |
| | Bircham Newton | 27.6 | +18 | WSW | 6 | c | 54 | 49 | 8 | 5 | - | - | 7 | 7 | - | 25 | - | 0 |
| | Cranwell ... | 28.1 | +20 | WSW | 4 | c | 53 | 49 | 8 | 7 | - | - | 6 | 4 | 6 | 15 | 25 | 1 |
| 3 | Cranfield ... | 29.8 | +14 | WSW | 5 | c | 52 | 49 | 7 | 5 | - | - | 6 | 3 | 6 | 6 | 15 | 1 |
| | Honiley ... | 29.9 | +14 | W | 3 | c | 53 | 47 | 7 | 5 | - | - | 8 | 4 | 7 | 18 | 25 | 1 |
| 4 | Little Rissington | 31.5 | +16 | WSW | 5 | c | 49 | 47 | 7 | 5 | - | - | 7 | 5 | 5 | 5 | 25 | 1 |
| | Shobden ... | 30.7 | +14 | SW | 6 | c | 53 | 48 | 8 | 5 | - | - | 8 | 4 | 5 | 12 | 15 | 1 |
| 5 | Bristol ... | 33.1 | +22 | W | 4 | $d_0d_0$ | 49 | 49 | 5 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| | Chivenor ... | 34.2 | +12 | W'S | 4 | c | 49 | 48 | 7 | 5 | - | - | 8 | 3 | 6 | 1 | 8 | 1 |
| | Yeovilton | 33.2 | +8 | W'S | 3 | c | 54 | 49 | 7 | 5 | - | - | 8 | 4 | 8 | 12 | 15 | 0 |
| | Portland Bill | 33.7 | +8 | SW | 5 | o | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 45 | - | 1 |
| | Exeter ... | 34.3 | +14 | W | 4 | c | 54 | 48 | 7 | 5 | - | - | 8 | 4 | 8 | 10 | 15 | 1 |
| | Plymouth ... | 35.0 | +8 | WSW | 4 | off | 48 | 48 | 6 | 5 | - | - | 8 | 8 | - | 3 | - | 1 |
| | St. Eval ... | 35.3 | +6 | WSW | 4 | F | 48 | 48 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| | The Lizard | 35.3 | +6 | W'S | 4 | OF | 49 | 49 | 1 | 5 | - | - | 8 | 8 | - | 0 | - | 1 |
| | Scilly, St. Marys | 34.9 | +2 | W | 4 | o/f | 49 | 49 | 6 | 5 | - | - | 8 | 8 | - | 5 | - | 1 |
| | Fairwood ... | 33.4 | +14 | WSW | 4 | of | 47 | 47 | 2 | 5 | - | - | 8 | 8 | - | 0 | - | 1 |
| 6 | Pembroke ... | 31.4 | +6 | SW'W | 6 | off | 48 | 48 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| | Aberporth ... | 31.5 | +14 | SW'W | 4 | c | 50 | 48 | 7 | 5 | - | - | 7 | 5 | 7 | 15 | 40 | 1 |
| 7 | Penrhos ... | 29.4 | +10 | SW | 4 | c | 50 | 48 | 7 | 5 | 3 | - | 7 | 3 | 6 | 6 | 25 | 0 |
| | Holyhead, Valley | 29.0 | +14 | SW'W | 5 | c | 48 | 46 | 8 | 5 | 7 | - | 8 | 5 | 3 | 30 | - | 0 |
| | Hawarden ... | 25.3 | +16 | W'N | 3 | c-bc | 54 | 49 | 7 | 5 | 3 | - | 5 | 4 | 2 | 20 | - | 0 |
| 8 | Manchester | 28.1 | +22 | WSW | 4 | c/d | 53 | 48 | 7 | 5 | - | - | 8 | 6 | 8 | 15 | 25 | 1 |
| | Squires Gate | 27.3 | +24 | W'S | 6 | $z_0$ | 49 | 46 | 6 | 5 | - | - | 8 | 4 | 8 | 10 | 15 | 0 |
| | Silloth ... | 23.8 | +34 | SW | 4 | c | 49 | 47 | 7 | 5 | 7 | - | 6 | 4 | 4 | 10 | 25 | 0 |
| 9 | Ashbourne ... | 28.9 | +22 | WSW | 3 | $d_0d_0$ | 51 | 48 | 6 | 5 | - | - | 8 | 4 | 8 | 6 | 15 | 1 |
| | Snaith ... | 27.5 | +22 | W | 5 | $z_0$ | 55 | 49 | 6 | 5 | - | - | 7 | 4 | 7 | 15 | 25 | 0 |
| 10 | Spurn Head | 25.9 | +22 | W'N | 4 | c-bcq | 51 | 47 | 7 | 7 | 7 | - | 5 | 4 | 3 | 8 | 57 | 0 |
| | Leeming | 25.1 | +26 | WSW | 5 | $ir_0$ | 52 | 48 | 7 | 5 | 7 | - | 7 | 3 | 5 | 10 | 15 | 1 |
| | Tynemouth | 23.1 | +42 | W | 6 | cq | 56 | 49 | 6 | 2 | - | - | 6 | 6 | - | 18 | - | 1 |
| | Acklington | 20.9 | +34 | WSW | 6 | c | 53 | 49 | 9 | 8 | 6 | 3 | 7 | 5 | 3 | 18 | - | 0 |
| 11 | St. Abb's Head | 17.9 | +24 | W | 5 | c-bc | 51 | 45 | 8 | 1 | - | 2 | 5 | 3 | 4 | 25 | - | 1 |
| | Leuchars ... | 17.2 | +30 | WSW | 6 | b | 51 | 44 | 8 | 4 | 6 | 1 | 1 | 1 | 1 | 40 | - | 0 |
| | Montrose ... | 16.8 | +28 | WSW | 6 | bc | 50 | 39 | 9 | 5 | 4 | 1 | 4 | 3 | 3 | 30 | - | 0 |
| 12 | Abbotsinch | 20.5 | +18 | W | 4 | c/d | 50 | 47 | 6 | 5 | - | - | 6 | 4 | 6 | 8 | 25 | 2 |
| | Prestwick ... | 22.1 | +26 | W'S | 4 | $d_0d_0$ | 47 | 46 | 5 | 5 | 3 | - | 8 | 4 | 5 | 8 | 15 | 1 |
| | West Freugh | 23.4 | +18 | W | 5 | c | 52 | 49 | 8 | 5 | 7 | - | 8 | 4 | 6 | 12 | 15 | 1 |
| | Eskdalemuir | 21.3 | +26 | W | 7 | c | 51 | 45 | 8 | 8 | - | - | 6 | 8 | - | 14 | - | 1 |
| | Jurby, I. of Man | 25.1 | +22 | SW | 5 | c | 49 | 47 | 8 | 5 | 7 | - | 7 | 1 | 6 | 16 | 25 | 1 |
| 13A | Machrihanish | 22.4 | +16 | WSW | 2 | $d_0d_0$ | 48 | 46 | 5 | 5 | - | - | 8 | 5 | 8 | 1 | 8 | 1 |
| | Tiree ... | 19.7 | +20 | WSW | 4 | c | 49 | 43 | 7 | 5 | - | - | 8 | 5 | 8 | 20 | 57 | 1 |
| | Oban ... | 20.9 | +22 | SW | 3 | c | 47 | 46 | 7 | 5 | - | - | 8 | 2 | 6 | 5 | 15 | 1 |
| 13B | Stornoway ... | 13.9 | +20 | WSW | 5 | c/pr | 44 | 39 | 8 | 8 | 3 | - | 6 | 4 | 4 | 12 | 40 | 1 |
| | Cape Wrath | 11.2 | +38 | W | 5 | pr | 43 | 38 | 8 | 8 | 7 | - | 7 | 4 | - | 15 | - | 2 |
| 15 | Dalwhinnie | 17.0 | +10 | WSW | 6 | b-bc | 44 | 33 | 7 | 7 | - | - | 3 | 3 | - | 24 | - | 0 |
| | Aberdeen ... | 14.8 | +22 | W | 3 | $z_0$ | 50 | 36 | 6 | 4 | 4 | - | 3 | 3 | 1 | 25 | - | 1 |
| | Fraserburgh | 14.0 | +16 | W | 4 | c | 47 | 38 | 8 | 5 | 7 | - | 7 | 3 | 5 | 15 | 25 | 1 |
| | Alness ... | 13.7 | +10 | WSW | 5 | bc | 47 | 40 | 8 | 8 | 3 | 3 | 4 | 3 | 3 | 25 | - | 1 |
| | Wick ... | 11.4 | +18 | W | 5 | b | 43 | 36 | 9 | 4 | - | 1 | 1 | 1 | 1 | 40 | - | 0 |
| 16 | Hatston ... | 09.9 | +30 | W'S | 7 | b-bc/pr | 43 | 36 | 7 | 3 | - | 5 | 3 | 3 | 2 | 20 | - | 1 |
| | Sumburgh ... | 05.6 | +20 | W'S | 6 | pr | 44 | 39 | 7 | 3 | - | - | 7 | 7 | - | 15 | - | 1 |
| | Sullom Voe | 04.2 | +26 | SSW | 8 | bc | 42 | 34 | 7 | 8 | 6 | - | 4 | 2 | 3 | 15 | 40 | 1 |
| 17 | Blacksod Point† | 25.1 | +10 | SW'W | 4 | c | 51 | 49 | 6 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| 18 | Malin Head † | 21.1 | +20 | W | 5 | dr | 50 | 49 | 7 | 5 | - | - | 8 | 8 | - | 8 | - | 1 |
| | Aldergrove | 24.8 | +14 | SW | 5 | $z_0$ | 52 | 50 | 7 | 5 | 2 | - | 8 | 4 | 7 | 8 | 15 | 1 |
| | Cas. Archdale | 25.9 | +20 | W'S | 4 | $d_0d_0$ | 52 | 49 | 6 | 5 | - | - | 8 | 4 | 8 | 6 | 15 | 1 |
| 19 | Birr Castle ... † | 28.1 | +12 | WSW | 1 | c | 53 | 51 | 7 | 8 | 7 | - | 8 | 5 | - | 15 | - | 1 |
| | Collinstown † | 27.3 | +12 | W'S | 5 | c/d | 54 | 49 | 8 | 5 | 3 | - | 7 | 6 | - | 13 | - | 1 |
| 20 | Foynes ... † | 29.2 | +8 | W'S | 3 | c | 54 | 49 | 7 | 5 | - | - | 7 | 7 | - | 17 | - | 1 |
| | Valentia ... † | 30.8 | +2 | SW'S | 4 | c | 53 | 51 | 6 | 5 | 7 | - | 7 | 5 | - | 9 | - | 1 |
| | Roches Point † | 31.4 | +8 | WSW | 3 | c | 51 | 50 | 8 | 5 | 3 | - | 6 | 4 | - | 8 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather. 06h.-12h. (34) | Weather. 12h.-18h. (35) | Max. Temp. 09h.-21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.-21h. mm. (38) |
|---|---|---|---|---|---|
| Kew ... | $cm_0c$ | $cc_0z_0$ | 57 | 0.7 | - |
| Croydon ... | c | $cc_0z_0$ | 58 | 3.1 | - |
| Boscombe Down | c | c | 55 | 0.2 | Tr |
| Thorney Island | $cm_0$ | $cm_0$ | ~~55~~ | * | - |
| Friston ... | | | | | |
| Lympne ... | $cm_0c$ | | 58 | 3.9 | - |
| Manston ... | cbcc | bccbc | 56 | 6.1 | - |
| North Weald | $bcm_0bcc$ | c | 57 | * | - |
| Felixstowe ... | $cz_0$ | $ebcm_0$ | 58 | 5.1 | - |
| Gorleston ... | cbccq | cqz | 59 | 4.4 | - |
| Mildenhall | bcc | cbcc | 60 | 6.1 | - |
| Bircham Newton | bbcc | bcc | 59 | 3.9 | - |
| Cranwell ... | bccbc | c | 59 | 3.8 | - |
| Cranfield ... | bcc | cbcc | 56 | * | - |
| Honiley ... | c | c | 58 | 2.1 | - |
| Little Rissington | $bcbcm_0cm_0c$ | c | 52 | * | - |
| Shobden ... | $cd_0d_0m_0c$ | c | 55 | * | Tr |
| Bristol ... | $cd_0d_0m_0id_0$ | $cid_0m_0$ | 54 | 0.5 | Tr |
| Chivenor ... | $cd_0d_0m_0c$ | $cm_0c$ | 53 | 0.0 | - |
| Yeovilton | c | $id_0id_0c$ | 56 | * | Tr |
| Portland Bill | c | co | 48 | * | - |
| Exeter ... | c | c | 57 | 1.6 | - |
| Plymouth ... | $cid_0m_0$ | $cd_0d_0Fm_0$ | 51 | 0.0 | Tr |
| St. Eval ... | $od_0d_0FF$ | off | 50 | 0.0 | 4 |
| The Lizard | ddFf | off | 50 | 0.0 | Tr |
| Scilly, St. Marys | cdfe | offec | 50 | 0.0 | Tr |
| Fairwood ... | $om_0cfid_0$ | $cm_0of$ | 50 | * | Tr |
| Pembroke ... | omqqf | of | 49 | 1.3 | - |
| Aberporth ... | $bcm_0cbc$ | c | 55 | 3.6 | - |
| Penrhos ... | cbcb | c | 56 | 3.8 | - |
| Holyhead, Valley | cbc | c | 53 | * | - |
| Hawarden ... | bccbc | bq | 58 | 8.7 | - |
| Manchester | $bcm_0c$ | $cid_0$ | 58 | * | Tr |
| Squires Gate | $bbcm_0$ | $cm_0$ | 51 | * | Tr |
| Silloth ... | $cd_0ir_0m_0id_0c$ | $bcid_0m_0cm_0bc$ | 51 | * | Tr |
| Ashbourne ... | cejpc | $ccid_0m_0cd_0d_0m_0$ | 54 | * | Tr |
| Snaith ... | $cir_0z_0$ | $cid_0cm_0$ | 55 | 0.0 | Tr |
| Spurn Head | $cm_0$ | $cqm_0$ | 54 | 0.8 | - |
| Leeming | cbcc | $cir_0$ | 57 | 0.7 | Tr |
| Tynemouth | bccq | $cqm_0$ | 57 | * | - |
| Acklington | $bcir_0c$ | c | 58 | * | Tr |
| St. Abb's Head | bcc | bcq | 55 | * | - |
| Leuchars ... | bcbbc | bcb | 56 | 2.5 | - |
| Montrose ... | bby | bcyb c | 58 | 8.1 | - |
| Abbotsinch | $cr_0r_0m_0$ | $bcm_0$ | 53 | 1.0 | 2 |
| Prestwick ... | $cr_0r_0m_0$ | $d_0d_0r_0r_0$ | 52 | * | 9 |
| West Freugh | $cd_0d_0m_0dm_0$ | $cddm_0cbcc$ | 55 | * | 1 |
| Eskdalemuir | $pKK cr_0r_0m_0$ | $cm_0pr_0c$ | 53 | 0.6 | 2 |
| Jurby, I. of Man | $cir_0id_0c$ | cbcc | 54 | * | Tr |
| Machrihanish | ddrd | cidcdd | 51 | * | 3 |
| Tiree ... | bbc | bcc | 52 | 4.9 | 0.2 |
| Oban ... | $cpr_0c$ | $cpr_0m_0c$ | 51 | * | * |
| Stornoway ... | $bcpr_0bc$ | $bcpr_0cpr_0$ | 48 | 4.4 | 1 |
| Cape Wrath | $cpr_0$ | $cpr_0$ | 44 | * | 2 |
| Dalwhinnie | cbc | bccprbc | 48 | 4.6 | 0.1 |
| Aberdeen ... | bcby | $bbcy z_0$ | 55 | 8.9 | - |
| Fraserburgh | $bcpr_0w$ | $bcyr_0bc$ | 50 | 7.9 | Tr |
| Alness ... | $bccpr_0$ | bcb | 52 | 5.7 | Tr |
| Wick ... | $bccpr_0$ | $bccpr_0bc$ | 49 | 6.1 | 0.4 |
| Hatston ... | pbcp | pr | 47 | * | 2 |
| Sumburgh ... | $cpr_0bc$ | $pr_0bcpr_0$ | 47 | 3.0 | 1 |
| Sullom Voe | $bcpr_0$ | $cpr_0bc$ | 44 | * | 1 |
| Blacksod Point† | d | d | 52 | * | Tr |
| Malin Head † | bc | d | 52 | 0.8 | 1 |
| Aldergrove | $cm_0d_0d_0cm_0$ | $cm_0$ | 53 | 0.2 | 1 |
| Cas. Archdale | $cid_0$ | $cir_0d_0d_0m_0$ | 53 | * | 0.4 |
| Birr Castle ... † | d | d | 55 | 0.3 | Tr |
| Collinstown † | d | d | 55 | 0.1 | 0.1 |
| Foynes ... † | c | c | 56 | 0.0 | - |
| Valentia ... † | c | c | 53 | 0.0 | Tr |
| Roches Point † | c | c | 54 | * | 0.1 |

* Information not usually received.

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.

‡ See footnote p. 4.

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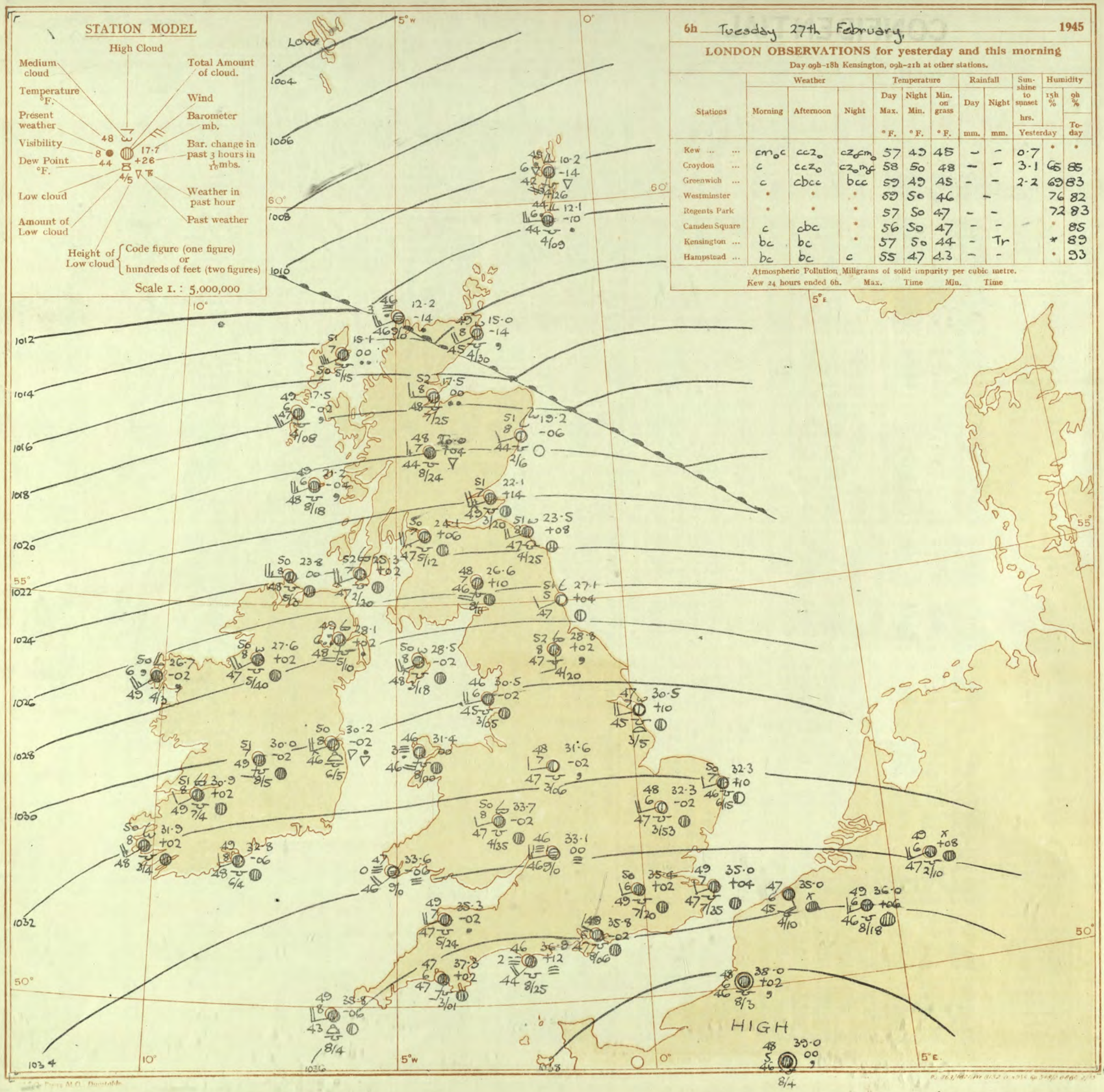
Meteorological Office, Air Ministry, Kingsway, London, W.C.2.


STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in 1/10 mbs.
Dew Point °F.
Low cloud
Weather in past hour
Past weather
Amount of Low cloud
Height of Low cloud
Code figure (one figure) or hundreds of feet (two figures)
Scale 1. : 5,000,000
6h Tuesday 27th February, 1945
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–21h at other stations.
Stations
Weather
Morning
Afternoon
Night
Temperature
Day Max. °F.
Night Min. °F.
Min. on grass °F.
Rainfall
Day mm.
Night mm.
Sunshine to sunset hrs.
Humidity
15h %
9h %
Yesterday
To-day
Kew ... cm0c cc20 cz8cm0 57 49 45 – – 0·7 * *
Croydon ... c cc20 cz0mg 58 50 48 – – 3·1 65 85
Greenwich ... c cbcc bcc 59 49 45 – – 2·2 69 83
Westminster * * * 59 50 46 – 76 82
Regents Park * * * 57 50 47 – – 72 83
Camden Square c cbc * 56 50 47 – – * 85
Kensington ... bc bc * 57 50 44 – Tr * 89
Hampstead ... bc bc c 55 47 43 – – * 93
Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max. Time Min. Time
HIGH
Mb

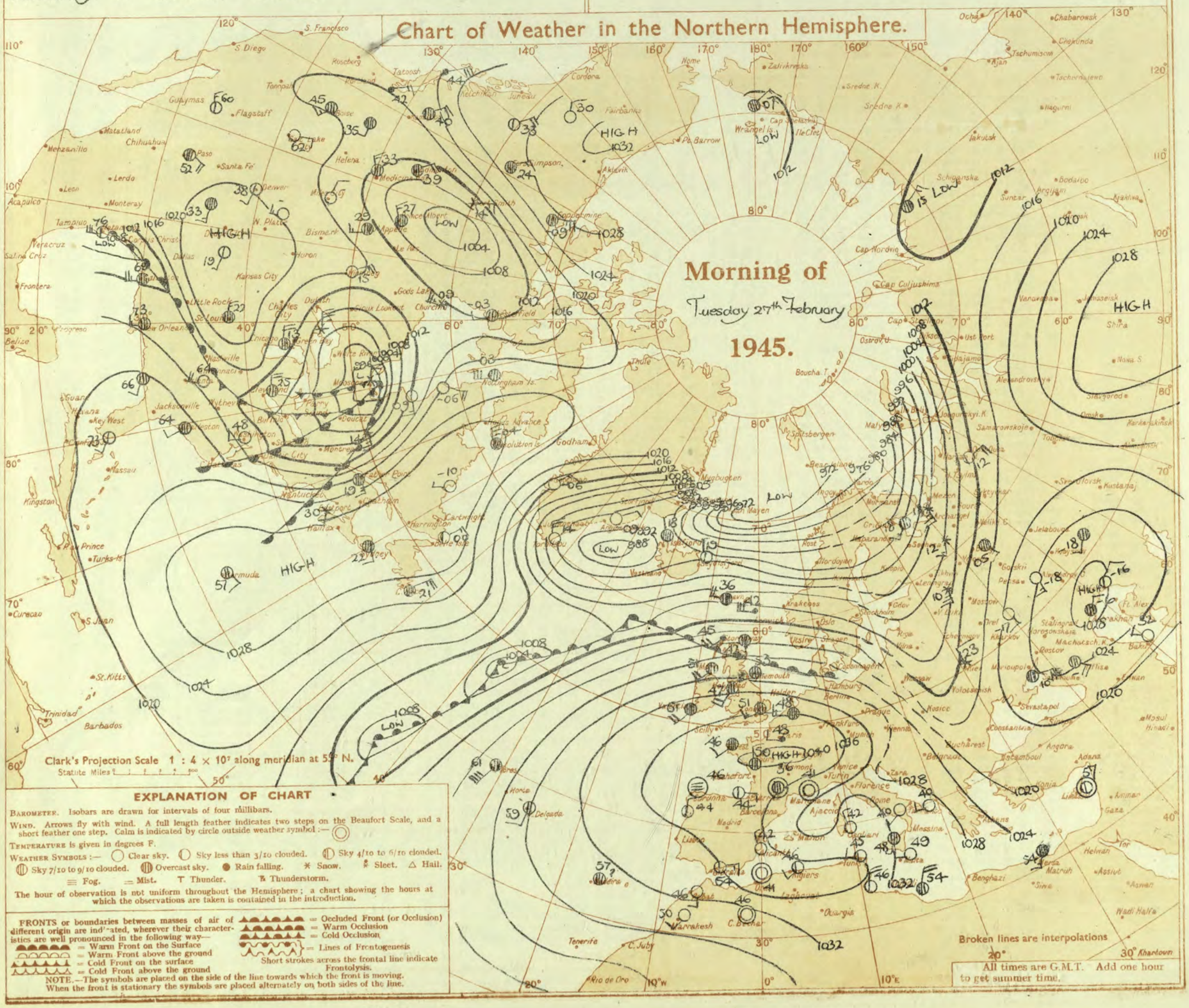
## GENERAL INFERENCE

A mild west to southwest flow will persist over the British Isles, with mainly cloudy weather, though there will be some sunny periods in the East. There will be occasional drizzle in West and North Scotland, with much hill fog. There will be local hill fog in West and South England and in Wales; winds may reach gale force occasionally in Northwest Scotland.

## FURTHER OUTLOOK

Similar.

# 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.

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.

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.

Tuesday 27th February 1945

No. 3043

## OBSERVATIONS at 00hr. G.M.T. 27th February

| 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 | | * | * | * | * | 50 | * | * | * | * | * | * | * | * | * | |
| | Croydon | 217 | 35·1 | +4 | W'S | 3 | z | 51 | 47 | 6 | 5 | - | - | 6 | 6 | - | 25 | - |
| | Boscombe Down | 417 | 34·6 | +4 | WSW | 3 | c | 48 | 48 | 7 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Thorney Island | 10 | 35·4 | +10 | W | 2 | z | 48 | 46 | 6 | 5 | - | - | 7 | 7 | - | 35 | - |
| | Friston | — | | | | | | | | | | | | | | | | |
| | Lympne | 341 | 35·3 | +8 | SW | 2 | z | 47 | 46 | 6 | 5 | - | - | 8 | 8 | - | 16 | - |
| | Manston | 140 | 34·3 | +6 | WSW | 3 | c | 52 | 47 | 7 | 5 | - | - | 7 | 7 | - | 23 | - |
| 2 | North Weald | 244 | 33·4 | +12 | SSW | 3 | z | 50 | 46 | 5 | 5 | 7 | - | 7 | 5 | 7 | 25 | - |
| | Felixstowe | 10 | 32·7 | +10 | SW | 4 | z | 45 | 44 | 6 | - | - | 2 | 5 | 5 | - | 200 | - |
| | Gorleston | 5 | 30·9 | +14 | WSW | 2 | c.bc | 50 | 47 | 7 | - | 3 | - | 5 | 5 | - | 80 | - |
| | Mildenhall | 15 | 31·9 | +8 | W'S | 4 | c | 52 | 49 | 7 | 5 | 7 | - | 9 | 5 | 8 | 40 | - |
| | Bircham Newton | 221 | 20·7 | +10 | WSW | 4 | c.bc | 51 | 48 | 7 | - | 5 | - | 5 | 5 | - | - | - |
| | Cranwell | 203 | 30·5 | +10 | W'S | 4 | bc | 53 | 49 | 7 | 5 | 3 | - | 4 | 3 | 4 | 20 | - |
| 3 | Cranfield | 340 | 32·6 | +8 | WSW | 4 | c.bc | 49 | 47 | 6 | 8 | - | - | 5 | 4 | 5 | 15 | 57 |
| | Honiley | 427 | 33·0 | +14 | SSW | 3 | c | 50 | 46 | 7 | 5 | - | - | 8 | 8 | - | 30 | - |
| 4 | Little Rissington | 731 | 32·6 | +2 | WSW | 3 | cF+ | 46 | 46 | 1 | 5 | - | - | 8 | 8 | - | - | - |
| | Shobden | 318 | 33·1 | +8 | SSW | 1 | c | 50 | 47 | 8 | 5 | 3 | - | 7 | 3 | 7 | 30 | 57 |
| 5 | Bristol | 209 | 35·2 | +8 | WSW | 3 | m | 49 | 49 | 4 | 5 | - | - | 8 | 8 | - | 3 | - |
| | Chivenor | 20 | 35·6 | +6 | W'S | 3 | z | 49 | 48 | 6 | 5 | - | - | 8 | 3 | 8 | - | 2 |
| | Yeovilton | 50 | 35·0 | +8 | W | 1 | c | 51 | 49 | 7 | 5 | - | - | 7 | 3 | 4 | 12 | 15 |
| | Portland Bill | 32 | 36·1 | +10 | S | 4 | o | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 45 | - |
| | Exeter | 100 | 36·1 | +6 | SSE | 1 | c | 50 | 48 | 8 | 5 | - | - | 8 | 3 | 8 | 15 | 25 |
| | Plymouth | 86 | 37·2 | +22 | WSW | 1 | z | 48 | 48 | 5 | 5 | - | - | 8 | 8 | - | 3 | - |
| | St. Eval | 345 | 37·1 | +10 | WSW | 3 | c/F | 48 | 48 | 6 | 5 | - | - | 8 | 6 | 8 | 5 | 15 |
| | The Lizard | 240 | 27·0 | +8 | W'N | 4 | c | 48 | 48 | 6 | 5 | - | - | 7 | 7 | - | 15 | - |
| | Scilly, St. Marys | 163 | 26·2 | +6 | WSW | 3 | c | 49 | 48 | 8 | 5 | - | - | 7 | 7 | - | 15 | - |
| 6 | Fairwood | 268 | 34·3 | +6 | W | 4 | cF | 47 | 47 | 1 | 5 | - | - | 8 | 8 | - | - | - |
| | Pembroke | 142 | 33·6 | +8 | SW | 4 | F | 47 | 47 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Aberporth | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos | 63 | 31·6 | +6 | SSW | 3 | z | 47 | 46 | 6 | 5 | - | - | 7 | 3 | 7 | 10 | 40 |
| | Holyhead, Valley | 32 | 31·1 | +8 | SW | 6 | c | 47 | 46 | 7 | 5 | 3 | - | 6 | 3 | 6 | 30 | - |
| | Hawarden | 15 | 31·1 | +12 | WSW | 3 | c | 52 | 49 | 7 | 5 | - | - | 7 | 7 | - | 25 | - |
| 8 | Manchester | 230 | 30·2 | +6 | SSW | 4 | c | 51 | 47 | 7 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Squires Gate | 30 | 29·8 | +10 | W'S | 5 | z | 49 | 46 | 6 | 5 | - | - | 8 | 8 | - | 22 | - |
| | Silloth | 25 | 26·2 | +8 | SW'W | 5 | c | 48 | 46 | 7 | 5 | - | - | 7 | 4 | 7 | 15 | 25 |
| 9 | Ashbourne | 590 | 31·9 | +10 | SW | 3 | c | 50 | 48 | 8 | 5 | 3 | - | 8 | 6 | 8 | 12 | - |
| | Snaith | 30 | 29·9 | +8 | WSW | 3 | z | 54 | 48 | 6 | 5 | 7 | - | 8 | 5 | 3 | 22 | - |
| 10 | Spurn Head | 29 | 29·1 | +12 | W'S | 6 | cq | 49 | 47 | 7 | 7 | - | - | 7 | 7 | - | 26 | - |
| | Leeming | 105 | 28·1 | +10 | WSW | 3 | id. | 53 | 49 | 7 | 6 | - | - | 8 | 8 | - | 15 | - |
| | Tynemouth | 108 | 25·6 | +16 | WSW | 4 | z | 53 | 49 | 6 | 2 | - | - | 5 | 5 | - | 16 | - |
| | Acklington | 138 | 24·1 | +16 | SW'W | 6 | c | 52 | 49 | 8 | 5 | - | - | 7 | 7 | - | 10 | - |
| 11 | St. Abb's Head | 280 | 21·4 | +18 | W | 4 | c | 53 | 49 | 8 | 5 | 3 | - | 6 | 4 | 4 | 20 | - |
| | Leuchars | 31 | 20·3 | +8 | WSW | 4 | c | 51 | 49 | 8 | 5 | 3 | 3 | 6 | 4 | 5 | 40 | - |
| | Montrose | 22 | 20·6 | +14 | SW | 3 | c.bc | 47 | 37 | 9 | 5 | - | - | 5 | 5 | - | 40 | - |
| 12 | Abbotsinch | 19 | 23·3 | +18 | WSW | 5 | cq | 53 | 50 | 7 | 5 | - | - | 8 | 6 | 8 | 10 | 15 |
| | Prestwick | 30 | 24·9 | +16 | WSW | 5 | z | 50 | 46 | 6 | 5 | - | - | 8 | 6 | 8 | 15 | 15 |
| | West Freugh | 53 | 26·3 | +18 | WSW | 3 | bc | 50 | 48 | 7 | 5 | 3 | - | 4 | 4 | 2 | 15 | - |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 27·8 | +10 | SW | 6 | b | 49 | 47 | 8 | 5 | 4 | - | 1 | 1 | 1 | 20 | - |
| 13A | Machrihanish | 35 | 24·7 | +16 | SW'W | 5 | c | 50 | 48 | 7 | 6 | 7 | - | 6 | 3 | 4 | 8 | 25 |
| | Tiree | 44 | 20·9 | +2 | SW | 5 | id. | 49 | 49 | 5 | 5 | - | - | 8 | 8 | - | 20 | - |
| | Oban | 74 | 23·0 | +14 | SW | 4 | df | 47 | 47 | 3 | 5 | - | - | 8 | 8 | - | 2 | - |
| 13B | Stornoway | 12 | 16·5 | +4 | SW | 4 | id. | 45 | 44 | 6 | 5 | - | - | 8 | 4 | 8 | 16 | 25 |
| | Cape Wrath | 367 | 14·6 | +10 | SW | 5 | ir. | 43 | 43 | 8 | 5 | 2 | - | 8 | 5 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen | 79 | | | | | | | | | | | | | | | | |
| | Fraserburgh | 76 | 19·2 | +22 | WSW | 3 | c | 46 | 39 | 8 | 5 | 7 | - | 7 | 5 | 6 | 25 | - |
| | Alness | 63 | 18·0 | +8 | SW | 3 | c | 47 | 43 | 8 | 5 | 3 | - | 8 | 4 | 9 | 30 | 72 |
| | Wick | 114 | 16·3 | +14 | S | 3 | q | 42 | 37 | 8 | - | 3 | - | 6 | 6 | - | - | - |
| 16 | Hatston | 45 | 14·2 | +16 | W'S | 6 | z | 45 | 40 | 6 | 5 | 6 | - | 6 | 4 | 5 | 30 | 40 |
| | Sumburgh | 15 | 12·0 | +30 | W | 6 | c.bc | 42 | 39 | 7 | 1 | 6 | - | 6 | 1 | 5 | 20 | - |
| | Sullom Voe | 12 | 10·2 | +24 | W'S | 6 | pr. | 42 | 33 | 7 | 5 | - | - | 6 | 6 | - | 16 | - |
| 17 | Blacksod Point † | 18 | 26·6 | +4 | SW | 4 | f+ | 50 | 49 | 3 | - | - | - | 9 | 9 | - | 0 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 27·4 | +12 | SSW | 4 | z | 49 | 47 | 7 | 5 | 7 | - | 7 | 6 | 7 | 11 | - |
| | Cas. Archdale | 240 | 27·1 | +2 | SW | 4 | c | 51 | 49 | 7 | 5 | - | - | 7 | 3 | 7 | 10 | 40 |
| 19 | Birr Castle … † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 29·5 | +4 | WSW | 4 | c | 53 | 49 | 8 | 5 | - | - | 8 | 8 | - | 15 | - |
| 20 | Foynes † | 3 | 30·6 | +6 | W'N | 2 | c | 53 | 49 | 8 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Valentia † | 30 | 32·0 | +4 | SW'S | 4 | z | 51 | 50 | 6 | 5 | - | - | 8 | 8 | - | 4 | - |
| | Roches Point † | 22 | 32·3 | +8 | SW | 2 | F | 50 | 49 | 2 | - | - | - | 9 | 9 | - | 0 | - |

## OBSERVATIONS at 06hr. G.M.T. 27th February

| 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) | 9 h. State of Ground ‡ 0–9 (33) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 34·6 | +2 | WSW | 2 | z | 50 | 48 | 6 | 5 | - | - | 7 | 7 | - | 21 | - | 1 |
| Croydon | 35·4 | +2 | WSW | 2 | z | 50 | 49 | 6 | 5 | - | - | 8 | 7 | - | 20 | - | 1 |
| Boscombe Down | 35·3 | 0 | WSW | 2 | z | 49 | 48 | 6 | 5 | - | - | 7 | 7 | - | 20 | - | 1 |
| Thorney Island | 35·8 | -2 | WNW | 2 | z | 48 | 47 | 5 | 5 | - | - | 8 | 8 | - | 6 | - | 0 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 35·7 | +4 | SWW | 1 | z | 47 | 46 | 6 | 5 | - | - | 8 | 5 | 8 | 9 | 15 | 1 |
| Manston | 35·0 | +4 | SWW | 2 | c | 49 | 47 | 7 | 5 | - | - | 7 | 7 | - | 35 | - | 1 |
| North Weald | 35·1 | +6 | SW | 3 | z | 49 | 47 | 5 | 5 | - | - | 7 | 3 | 7 | 25 | 57 | 1 |
| Felixstowe | 33·8 | +8 | SWW | 3 | z | 48 | 45 | 6 | 5 | - | - | 8 | 8 | - | 25 | - | 0 |
| Gorleston | 32·3 | +10 | WSW | 2 | c | 50 | 46 | 7 | 5 | - | - | 6 | 6 | - | 15 | - | 0 |
| Mildenhall | 32·3 | -2 | WSW | 4 | z | 48 | 47 | 6 | 5 | - | - | 3 | 3 | - | 53 | - | 0 |
| Bircham Newton | 32·4 | +6 | WSW | 2 | z | 48 | 45 | 6 | - | 7 | - | 5 | 5 | - | - | - | 0 |
| Cranwell | 31·1 | +2 | WS | 3 | z | 47 | 46 | 6 | - | 4 | - | 3 | 3 | - | - | - | 1 |
| Cranfield | 33·6 | +4 | WSW | 4 | ebc | 48 | 46 | 6 | 5 | - | - | 5 | 5 | - | 6 | - | 1 |
| Honiley | 33·4 | +2 | WSW | 3 | z | 47 | 47 | 5 | 5 | - | - | 8 | 8 | - | 2 | - | 1 |
| Little Rissington | 33·1 | 0 | WSW | 3 | F– | 46 | 46 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Shobden | 33·7 | -2 | WSW | 1 | c | 50 | 47 | 8 | 5 | 7 | - | 8 | 4 | 8 | 35 | 57 | 1 |
| Bristol | 35·5 | -2 | - | 0 | dodo | 48 | 48 | 4 | 5 | - | - | 8 | 3 | 8 | 4 | 8 | 1 |
| Chivenor | 35·3 | -2 | WSW | 4 | c | 49 | 47 | 7 | 5 | - | - | 6 | 5 | 6 | 24 | 40 | 1 |
| Yeovilton | 35·3 | +2 | WSW | 3 | ebc | 51 | 49 | 7 | 5 | - | - | 5 | 2 | 5 | 15 | 25 | 0 |
| Portland Bill | 36·9 | +12 | SW | 4 | cF | 46 | 44 | 2 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Exeter | 36·1 | -2 | SW | 2 | ebc | 50 | 46 | 8 | 5 | - | - | 5 | 5 | - | 35 | - | 1 |
| Plymouth | 37·3 | +2 | SSW | 1 | z | 47 | 47 | 6 | 5 | - | - | 8 | 3 | 8 | 1 | 25 | 1 |
| St. Eval | 36·9 | +2 | SW | 3 | bc | 45 | 44 | 7 | - | 7 | - | 4 | 4 | - | - | - | 1 |
| The Lizard | 36·7 | -4 | WSW | 4 | c | 45 | 44 | 7 | 5 | - | - | 7 | 7 | - | 15 | - | 0 |
| Scilly, St. Marys | 35·8 | -6 | WSW | 4 | c | 49 | 43 | 8 | 8 | - | - | 8 | 8 | - | 15 | - | 1 |
| Fairwood | 35·0 | 0 | WS | 3 | cF | 46 | 46 | 1 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| Pembroke | 33·6 | -6 | SW | 4 | F | 47 | 46 | 0 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Aberporth | 33·4 | -2 | SW | 4 | cjf | 48 | 48 | 6 | 5 | - | - | 8 | 2 | 8 | 15 | - | 1 |
| Penrhos | 31·8 | -2 | SW | 4 | cF | 47 | 47 | 1 | 5 | - | - | 8 | 8 | - | - | - | 0 |
| Holyhead, Valley | 31·4 | 0 | SSW | 4 | rf | 46 | 46 | 3 | 5 | - | - | 8 | 8 | - | - | - | 1 |
| Hawarden | 30·0 | -2 | WSW | 4 | ebc | 51 | 47 | 8 | 5 | 3 | - | 5 | 5 | - | 25 | - | 0 |
| Manchester | 30·9 | 0 | SSW | 3 | c | 48 | 47 | 7 | 5 | - | - | 6 | 6 | - | 25 | - | 1 |
| Squires Gate | 30·5 | -2 | WSW | 4 | z | 46 | 45 | 6 | 5 | - | - | 8 | 3 | 8 | 5 | 57 | 1 |
| Silloth | 27·8 | +6 | SWW | 3 | z | 47 | 45 | 6 | 6 | - | - | 8 | 5 | 8 | 6 | 15 | |
| Ashbourne | 31·6 | -2 | WSW | 2 | bc | 48 | 47 | 7 | 5 | - | - | 4 | 3 | 3 | 6 | 40 | 1 |
| Snaith | 30·5 | 0 | WSW | 3 | ebc | 51 | 45 | 7 | 5 | - | - | 5 | 5 | - | 25 | - | 0 |
| Spurn Head | 30·5 | +10 | SWW | 4 | bbc | 47 | 45 | 7 | 2 | 3 | - | 3 | 3 | 3 | 25 | 57 | 0 |
| Leeming | 28·8 | +2 | S | 2 | c | 52 | 47 | 8 | 6 | 7 | - | 7 | 4 | 5 | 20 | - | 1 |
| Tynemouth | 27·1 | +4 | SW | 2 | z | 51 | 47 | 5 | - | 4 | - | 3 | 3 | - | - | - | 0 |
| Acklington | 25·3 | -2 | WSW | 4 | ebc | 50 | 47 | 8 | 5 | - | - | 5 | 4 | 3 | 14 | 57 | 0 |
| St. Abb's Head | 23·5 | +8 | SW | 4 | ebc | 51 | 47 | 8 | 4 | 3 | - | 5 | 4 | 3 | 25 | - | 0 |
| Leuchars | 22·1 | +14 | SW | 5 | ebc | 51 | 49 | 7 | 5 | - | - | 5 | 3 | 4 | 20 | 40 | 8 |
| Montrose | 20·9 | +2 | SW | 5 | bbc | 53 | 45 | 9 | 5 | - | - | 3 | 3 | - | 35 | - | 0 |
| Abbotsinch | 24·1 | +6 | SW | 4 | c | 50 | 47 | 7 | 5 | - | - | 8 | 5 | 8 | 12 | 15 | 1 |
| Prestwick | 25·9 | +2 | SW | 5 | c | 51 | 47 | 7 | 5 | - | - | 8 | 3 | 8 | 19 | - | 1 |
| West Freugh | 26·8 | -2 | WSW | 4 | c | 49 | 47 | 7 | 5 | - | - | 7 | 7 | - | 40 | - | 1 |
| Eskdalemuir | 26·6 | +10 | SSW | 4 | c | 48 | 46 | 7 | 5 | - | - | 8 | 8 | - | 11 | - | 1 |
| Jurby, I. of Man | 28·5 | -2 | SW | 5 | c | 50 | 48 | 8 | 5 | 3 | - | 7 | 3 | 5 | 18 | 40 | |
| Machrihanish | 25·3 | +2 | SWW | 5 | c | 52 | 47 | 7 | 5 | 7 | - | 6 | 2 | 4 | 20 | 40 | 0 |
| Tiree | 21·2 | -4 | SWW | 5 | z | 49 | 48 | 6 | 5 | - | - | 8 | 8 | - | 18 | - | 1 |
| Oban | 23·6 | +6 | SW | 4 | df | 47 | 47 | 1 | - | - | - | 9 | 9 | - | 0 | - | 1 |
| Stornoway | 15·1 | 0 | SW | 7 | c/r | 51 | 50 | 7 | 5 | - | - | 8 | 5 | 8 | 15 | 25 | 1 |
| Cape Wrath | 12·2 | -14 | SW | 5 | rf | 46 | 46 | 3 | - | - | - | 9 | 9 | - | 0 | - | 2 |
| Dalwhinnie | 20·0 | +4 | WSW | 3 | c | 48 | 44 | 7 | 5 | - | - | 8 | 8 | - | 24 | - | 1 |
| Aberdeen | 19·2 | -6 | SW | 2 | b-bc | 51 | 44 | 8 | 5 | 4 | 9 | 3 | 2 | 2 | 40 | - | 1 |
| Fraserburgh | 18·0 | -2 | SSW | 3 | bc | 47 | 43 | 8 | 5 | 7 | 1 | 4 | 3 | 4 | 25 | - | 0 |
| Alness | 17·5 | 0 | W | 3 | c/r | 52 | 48 | 8 | 5 | - | - | 7 | 7 | - | 25 | - | 1 |
| Wick | 15·0 | -14 | SW | 4 | ebc | 49 | 45 | 8 | 5 | 3 | - | 5 | 4 | 3 | 30 | - | 1 |
| Hatston | 13·7 | -8 | WSW | 6 | dodo | 48 | 47 | 5 | 5 | - | - | 8 | 4 | 8 | 10 | 15 | 1 |
| Sumburgh | 12·1 | -10 | WSW | 5 | ir | 44 | 44 | 6 | 5 | 2 | - | 8 | 4 | 8 | 9 | - | 1 |
| Sullom Voe | 10·2 | -14 | SSW | 5 | pr | 45 | 42 | 6 | 5 | 2 | - | 8 | 4 | 8 | 26 | - | 1 |
| Blacksod Point † | 26·7 | -2 | SW | 5 | ido | 50 | 48 | 6 | 6 | 2 | - | 8 | 4 | - | 8 | - | 1 |
| Malin Head † | 25·8 | 0 | W | 5 | ebc | 50 | 48 | 8 | 5 | - | - | 5 | 5 | - | 8 | - | 2 |
| Aldergrove | 28·1 | +2 | SSW | 4 | rr | 49 | 48 | 6 | 5 | 7 | - | 7 | 5 | 7 | 10 | - | 1 |
| Cas. Archdale | 27·6 | +2 | SW | 5 | c | 50 | 47 | 8 | 5 | 3 | - | 7 | 5 | 7 | 40 | - | 1 |
| Birr Castle … † | 30·0 | -2 | SSW | 2 | c | 51 | 49 | 7 | 5 | - | - | 8 | 8 | - | 25 | - | 1 |
| Collinstown † | 30·2 | -2 | SWW | 4 | c/pr | 50 | 46 | 8 | 8 | - | - | 6 | 6 | - | 28 | - | 1 |
| Foynes † | 30·9 | +2 | SW | 2 | c | 51 | 49 | 8 | 5 | 7 | - | 8 | 7 | - | 15 | - | 1 |
| Valentia † | 31·9 | +2 | SWS | 4 | c | 50 | 48 | 8 | 5 | 5 | - | 6 | 3 | - | 12 | - | 1 |
| Roches Point † | 32·8 | -6 | WSW | 2 | c | 49 | 48 | 8 | 5 | - | - | 6 | 6 | - | 15 | - | 1 |

## OBSERVATIONS during NIGHT

| Stations | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|
| Kew | cz | cmo | 49 | 45 | - |
| Croydon | czocmo | cmo | 50 | 48 | - |
| Boscombe Down | c | ccmo | 48 | 45 | - |
| Thorney Island | cmo | cmoomo | 46 | - | - |
| Friston | | | | | |
| Lympne | cmo | cmo | 46 | 43 | - |
| Manston | c | bcc | 48 | 46 | - |
| North Weald | cbc | cmo | 48 | 45 | Tr |
| Felixstowe | bbcmow | cmow | 44 | 39 | - |
| Gorleston | bcc | bcc | 49 | 45 | - |
| Mildenhall | bc | c | 47 | 43 | - |
| Bircham Newton | bc | bcbcmo | 45 | 42 | - |
| Cranwell | cbc | bcmobmo | 45 | 40 | - |
| Cranfield | ccb | cmo | 47 | 35 | - |
| Honiley | c | cmo | 46 | - | - |
| Little Rissington | c | oF | 45 | 45 | - |
| Shobden | cmoc | c | 48 | 45 | - |
| Bristol | cmofc | idofdom | 48 | 47 | 2 |
| Chivenor | idomocm | cmoidomoc | 47 | 30 | - |
| Yeovilton | cc | cidoc | 49 | - | - |
| Portland Bill | offo | off | 45 | * | - |
| Exeter | c | c | 48 | 44 | - |
| Plymouth | cdofpm | omocmow | 47 | 45 | Tr |
| St. Eval | offff | cmocdw | 43 | 38 | Tr |
| The Lizard | idc | cmmc | 46 | * | 0·5 |
| Scilly, St. Marys | c | c | 47 | * | T |
| Fairwood | oD | ofdoF | 40 | - | 0·2 |
| Pembroke | oF | oofe | 45 | * | Tr |
| Aberporth | * | c | 47 | 47 | - |
| Penrhos | ccmo | oFwcmow | 46 | 46 | - |
| Holyhead, Valley | c | comoirF | 44 | 45 | 0·1 |
| Hawarden | bcc | c | 50 | 47 | - |
| Manchester | c | cidoc | 47 | 44 | Tr |
| Squires Gate | cmocircm | cmo | 45 | 45 | Tr |
| Silloth | cidmocmc | ccmo | | | |
| Ashbourne | cidoc | ccidoc | 47 | 44 | Tr |
| Snaith | cmo | cmcbc | 41 | 39 | - |
| Spurn Head | cq | bc | 44 | * | - |
| Leeming | ccir | cidomc | 50 | 47 | - |
| Tynemouth | cqmo | bcmo | 49 | 44 | - |
| Acklington | ciroc | ciroc | 48 | 47 | - |
| St. Abb's Head | bcc | bcc | 49 | * | - |
| Leuchars | bbcc | cbccbc | 40 | 43 | - |
| Montrose | bbcc | cbcb | 46 | 43 | - |
| Abbotsinch | cidodc | c | 49 | 47 | 0·1 |
| Prestwick | oiobmo | c | 48 | 47 | Tr |
| West Freugh | cbcc | c | 48 | 45 | Tr |
| Eskdalemuir | cpromoc | cmo | 44 | 46 | 0·3 |
| Jurby, I. of Man | cbcb | bbcc | | | |
| Machrihanish | idzc | c | 47 | 48 | - |
| Tiree | ccirocidodom | cidocmo | 46 | 46 | 0·4 |
| Oban | cddmododod | fododorof | 46 | * | * |
| Stornoway | cprocido | cidodcirc | 44 | 42 | * |
| Cape Wrath | cprocir | rFrF | 43 | * | 2 |
| Dalwhinnie | * | ocpro | 43 | 43 | 1 |
| Aberdeen | b | bw | | 32 | |
| Fraserburgh | cirobcc | c | 44 | < | Tr |
| Alness | bcc | ciroc | 46 | 42 | Tr |
| Wick | bbcc | cidoc | 40 | 37 | 0·4 |
| Hatston | psrbbcc | ccd | 41 | * | 3 |
| Sumburgh | bcproc | bccir | 43 | 32 | 2 |
| Sullom Voe | bccpro | bccpro | 36 | 36 | 7 |
| Blacksod Point † | f | d | 49 | * | 0·1 |
| Malin Head † | | c | 49 | * | - |
| Aldergrove | cmoc | cmo | 48 | 43 | 0·2 |
| Cas. Archdale | cdodocm | | 49 | 47 | 0·1 |
| Birr Castle … † | * | c | 50 | 49 | - |
| Collinstown † | c | pr | 50 | 48 | Tr |
| Foynes † | c | c | 50 | 47 | 0·1 |
| Valentia † | c | c | 49 | 47 | 0·1 |
| Roches Point † | F. | c | 49 | * | Tr |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0700.

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.
‡ Second figure in col. (33) gives depth of snow in inches.

Page 1.

BRITISH SECTION

**CONFIDENTIAL**

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

Wednesday 28th February 1945

No. 30414.

## OBSERVATIONS at 12h. G.M.T. 27th February

| 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 | 36·2 | 0 | W | 3 | c | 55 | 46 | 7 | 8 | 3 | - | 7 | 5 | 6 | 25 | 40 |
| | Croydon | 36·9 | +4 | WNW | 3 | $z_0$ | 56 | 47 | 6 | 7 | - | - | 7 | 4 | 6 | 10 | 40 |
| | Boscombe Down | 36·4 | +2 | WSW | 4 | c-bc | 55 | 51 | 7 | 5 | 3 | - | 5 | 3 | 5 | 10 | - |
| | Thorney Island | 37·3 | +4 | W | 3 | $z_0$ | 52 | 48 | 5 | 2 | 3 | - | 5 | 2 | 5 | 10 | - |
| | Friston | | | | | | | | | | | | | | | | |
| | Lympne | 36·7 | +2 | SW | 3 | $z_0$ | 56 | 49 | 6 | 1 | 3 | - | 5 | 3 | 5 | 25 | - |
| | Manston | 35·9 | +2 | WSW | 3 | c-bc | 58 | 58 | 7 | 7 | 3 | 1 | 5 | 2 | 4 | 25 | 57 |
| 2 | North Weald | 35·9 | 0 | W | 4 | $z_0$ | 56 | 56 | 6 | 7 | - | - | 5 | 4 | 5 | 20 | 57 |
| | Felixstowe | 34·8 | +2 | WSW | 4 | $z_0$ | 54 | 47 | 6 | - | 3 | - | 5 | 5 | - | 120 | - |
| | Gorleston | 33·2 | +9 | W | 3 | $z_0$ | 56 | 48 | 6 | 5 | · | - | 7 | 7 | - | 16 | · |
| | Mildenhall | 34·3 | +6 | WSW | 4 | c | 56 | 47 | 8 | 7 | - | - | 7 | 3 | 6 | 30 | 72 |
| | Bircham Newton | 33·3 | +2 | WSW | 4 | $z_0$ | 63 | 49 | 6 | 5 | - | - | 7 | 3 | 7 | 20 | 40 |
| | Cranwell | 30·0 | +10 | SW'W | 4 | $z_0$ | 55 | 49 | 5 | 5 | - | - | 7 | 3 | 7 | 20 | 40 |
| 3 | Cranfield | 34·6 | +4 | W | 4 | bc | 56 | 46 | 7 | 1 | 3 | - | 4 | 3 | 4 | 20 | - |
| | Honiley | 34·4 | +4 | W | 4 | c-bc | 55 | 45 | 7 | 7 | 4 | - | 5 | 3 | 4 | 20 | 40 |
| 4 | Little Rissington | 35·6 | +6 | WSW | 4 | c | 51 | 45 | 8 | 5 | 3 | - | 7 | 4 | 5 | 8 | 25 |
| | Shobden | 35·8 | +8 | WSW | 4 | c-bc | 55 | 46 | 8 | 7 | 7 | - | 5 | 3 | 5 | 16 | 25 |
| 5 | Bristol | 37·1 | +10 | WSW | 3 | b-bc | 55 | 45 | 8 | 2 | 4 | - | 3 | 3 | 2 | 17 | - |
| | Chivenor | 37·4 | +6 | SW'W | 4 | c | 53 | 47 | 8 | 8 | 3 | - | 6 | 4 | 5 | 15 | 25 |
| | Yeovilton | 37·2 | +6 | W | 3 | bc | 57 | 45 | 8 | 2 | 3 | - | 4 | 1 | 4 | 25 | 57 |
| | Portland Bill | 37·6 | +6 | SW | 4 | c | 47 | 45 | 7 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter | 37·6 | 0 | SW | 3 | bc | 56 | 36 | 8 | 5 | - | - | 4 | 3 | 3 | 20 | 40 |
| | Plymouth | 37·9 | 0 | WS | 2 | c-bc | 53 | 42 | 8 | 8 | - | - | 5 | 3 | 4 | 30 | 40 |
| | St. Eval | 38·1 | +8 | WSW | 4 | c | 50 | 41 | 8 | 5 | 7 | - | 7 | 4 | 4 | 18 | 40 |
| | The Lizard | 38·1 | +14 | SW | 4 | c | 51 | 45 | 8 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Scilly, St. Marys | 37·8 | +8 | SW | 3 | c | 50 | 42 | 9 | 5 | - | - | 8 | 8 | - | 39 | - |
| 6 | Fairwood | 37·3 | +12 | SSW | 4 | c/f | 47 | 47 | 6 | 5 | - | - | 8 | 6 | - | 3 | 25 |
| | Pembroke | 36·0 | +24 | SW | 4 | F | 47 | 47 | 1 | - | - | - | 9 | 9 | - | 0 | - |
| | Aberporth | 35·3 | +8 | SW'W | 4 | $id_0$ | 49 | 48 | 6 | 5 | - | - | 7 | 5 | 4 | 35 | 40 |
| 7 | Penrhos | 33·8 | +10 | SW | 5 | df | 48 | 48 | 2 | 5 | - | - | 8 | 8 | - | 0 | - |
| | Holyhead, Valley | 33·3 | +14 | SW | 5 | cf+ | 47 | 47 | 3 | 5 | - | - | 8 | 8 | - | - | - |
| | Hawarden | 33·1 | +12 | W | 5 | c | 54 | 48 | 8 | 5 | 7 | - | 6 | 4 | 6 | 25 | - |
| 8 | Manchester | 32·6 | +6 | SW'W | 4 | c-bc | 54 | 47 | 7 | 5 | - | - | 5 | 5 | - | 25 | - |
| | Squires Gate | 32·1 | +10 | WS | 5 | $z_0$ | 48 | 46 | 6 | 8 | 2 | - | 8 | 4 | 6 | 20 | 40 |
| | Silloth | 29·7 | +12 | WSW | 4 | c | 48 | 46 | 7 | 5 | - | - | 8 | 5 | 8 | 4 | 25 |
| 9 | Ashbourne | 33·4 | +8 | WSW | 4 | bc | 54 | 46 | 8 | 8 | 3 | - | 4 | 2 | 3 | 8 | 15 |
| | Snaith | 32·4 | +14 | W'S | 3 | $z_0$ | 56 | 47 | 6 | 5 | 3 | - | 7 | 5 | 3 | 30 | - |
| 10 | Spurn Head | 31·9 | +8 | WSW | 4 | $z_0$ | 52 | 46 | 6 | 7 | 3 | - | 5 | 4 | 3 | 15 | 72 |
| | Leeming | 30·8 | +14 | WSW | 5 | c-bc | 53 | 47 | 7 | 5 | 4 | - | 5 | 3 | 5 | 15 | 25 |
| | Tynemouth | 28·6 | +14 | W | 5 | $z_0$ | 58 | 50 | 6 | 2 | 4 | - | 4 | 3 | 2 | 20 | - |
| | Acklington | 27·3 | +10 | SW'W | 5 | b-bc | 56 | 48 | 8 | 1 | 4 | - | 3 | 2 | 3 | 15 | · |
| 11 | St. Abb's Head | 24·0 | +2 | W | 4 | b-bc | 55 | 47 | 9 | 4 | - | - | 3 | 3 | - | 30 | - |
| | Leuchars | 24·4 | +10 | WSW | 6 | bc | 56 | 50 | 7 | 8 | 4 | - | 4 | 4 | 1 | 40 | - |
| | Montrose | 22·7 | +8 | SW | 5 | b-bc | 59 | 45 | 8 | 1 | 4 | - | 3 | 3 | 1 | 30 | - |
| 12 | Abbotsinch | 24·7 | +14 | SSW | 2 | c/r | 51 | 49 | 8 | 5 | - | - | 8 | 4 | 8 | 16 | 25 |
| | Prestwick | 27·9 | +12 | WSW | 5 | c | 50 | 46 | 7 | 5 | - | - | 7 | 4 | 7 | 18 | 40 |
| | West Freugh | 29·0 | +14 | WSW | 4 | c | 51 | 49 | 7 | 5 | - | - | 7 | 2 | 5 | 12 | 40 |
| | Eskdalemuir | 27·8 | +8 | WSW | 4 | c | 51 | 46 | 7 | 5 | 7 | - | 8 | 6 | 8 | 19 | - |
| | Jurby, I. of Man | 30·5 | +10 | SW | 6 | c | 51 | 47 | 8 | 5 | - | - | 7 | 1 | 7 | 12 | 40 |
| 13A | Machrihanish | 27·5 | +12 | SW | 5 | c-bc | 52 | 48 | 8 | 7 | 7 | 6 | 5 | 3 | 4 | 20 | 40 |
| | Tiree | 23·7 | +12 | SW | 5 | c/d | 51 | 49 | 6 | 6 | 7 | - | 8 | 6 | 8 | 5 | - |
| | Oban | 25·3 | +4 | SW | 3 | df | 47 | 47 | 4 | 5 | - | - | 8 | 3 | 8 | 2 | - |
| 13B | Stornoway | 16·5 | +8 | WSW | 7 | ;$d_0$ | 52 | 50 | 6 | 5 | - | - | 8 | 5 | 8 | 7 | 45 |
| | Cape Wrath | 14·2 | +14 | SW | 5 | c | 46 | 46 | 7 | 5 | 2 | - | 8 | 5 | - | 8 | - |
| 15 | Dalwhinnie | 22·0 | +6 | SW | 4 | pr | 49 | 45 | 7 | 5 | 1 | - | 5 | 5 | 3 | 24 | 72 |
| | Aberdeen | 20·9 | +4 | WSW | 3 | b-bc | 57 | 51 | 8 | 1 | 4 | 7 | 3 | 1 | 3 | - | 7 |
| | Fraserburgh | 19·0 | +8 | WSW | 5 | b-bc | 57 | 44 | 8 | 7 | - | 9 | 3 | 2 | 2 | 30 | 57 |
| | Alness | 19·5 | +8 | WSW | 5 | bc/pr | 54 | 48 | 8 | 8 | 6 | 3 | 4 | 3 | 4 | 20 | 40 |
| | Wick | 17·2 | +4 | SW | 6 | c | 58 | 47 | 9 | 5 | 3 | - | 7 | 1 | 6 | 20 | - |
| 16 | Hatston | 14·5 | +10 | WSW | 8 | c/r | 52 | 48 | 6 | 5 | 2 | - | 8 | 4 | 4 | 12 | 25 |
| | Sumburgh | 10·2 | -14 | WSW | 7 | $d_0d_0$ | 47 | 47 | 4 | 5 | 2 | - | 8 | 6 | 8 | 6 | - |
| | Sullom Voe | 10·3 | +2 | SW | 3 | $r_0r_0$ | 45 | 45 | 6 | 6 | 2 | - | 8 | 6 | 8 | 8 | 57 |
| 17 | Blacksod Point† | 29·1 | +10 | SW'S | 4 | bc | 53 | 49 | 7 | 8 | 5 | - | 4 | 3 | - | 15 | - |
| 18 | Malin Head † | 26·4 | +10 | WNW | 5 | c-bc | 51 | 47 | 8 | 5 | - | - | 5 | 5 | - | 8 | - |
| | Aldergrove | 29·6 | +4 | SW'S | 4 | c/r | 54 | 49 | 8 | 8 | 3 | - | 6 | 3 | 4 | 10 | 15 |
| | Cas. Archdale | 30·2 | +20 | WSW | 4 | c | 53 | 46 | 8 | 5 | 3 | - | 7 | 3 | 5 | 10 | 40 |
| 19 | Birr Castle … † | 31·8 | +6 | SSW | 2 | $d_0d_0$ | 51 | 46 | 7 | 6 | 2 | - | 8 | 5 | - | 8 | - |
| | Collinstown † | 32·0 | +10 | WSW | 4 | c-bc | 54 | 46 | 9 | 7 | - | - | 5 | 5 | - | 48 | - |
| 20 | Foynes … † | 33·2 | +6 | SW | 3 | c | 51 | 49 | 8 | 8 | 7 | - | 7 | 5 | - | 19 | - |
| | Valentia … † | 34·1 | +10 | SW | 3 | c | 52 | 44 | 8 | 8 | 7 | - | 6 | 4 | - | 23 | - |
| | Roches Point † | 34·9 | +6 | SW'S | 3 | f+ | 50 | 49 | 3 | - | - | - | 9 | 9 | - | 0 | - |

## OBSERVATIONS at 18h. G.M.T. 27th February (State of Ground: 21 h)

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew | 35·9 | +4 | NW'W | 1 | $z_0$ | 54 | 42 | 5 | 5 | - | - | 5 | 4 | 5 | 21 | 40 | 1 |
| Croydon | 36·2 | -2 | W | 2 | bc | 53 | 42 | 6 | 4 | - | - | 4 | 4 | - | 10 | - | 1 |
| Boscombe Down | 36·2 | +2 | W'S | 2 | c | 50 | 44 | 8 | 7 | - | - | 6 | 3 | 6 | 20 | 40 | 0 |
| Thorney Island | 36·8 | +2 | W | 4 | $z_0$ | 48 | 44 | 6 | 5 | - | - | 5 | 5 | - | 35 | - | 0 |
| Friston | | | | | | | | | | | | | | | | | |
| Lympne | 36·8 | +8 | SW'W | 2 | $z_0$ | 44 | 44 | 5 | 5 | - | - | 5 | 4 | 4 | 40 | 40 | 1 |
| Manston | 35·9 | +6 | SW | 3 | bc | 51 | 47 | 7 | 4 | - | - | 4 | 4 | - | 50 | - | 1 |
| North Weald | 36·0 | +6 | W | 3 | bc | 50 | 41 | 7 | 5 | - | 1 | 4 | 3 | 2 | 50 | - | 1 |
| Felixstowe | 35·1 | +6 | W | 3 | b | 52 | 44 | 6 | 5 | - | - | 2 | 2 | - | 60 | - | 0 |
| Gorleston | 34·0 | +18 | W | 2 | $z_0$ | 55 | 43 | 6 | 5 | - | - | 3 | 3 | - | 23 | - | 0 |
| Mildenhall | 34·2 | +6 | WSW | 4 | $z_0$ | 53 | 45 | 6 | - | 3 | - | 3 | 3 | - | - | - | 0 |
| Bircham Newton | 33·5 | +10 | WSW | 2 | $z_0$ | 52 | 46 | 6 | - | 7 | 2 | 3 | 3 | - | - | - | 0 |
| Cranwell | 33·4 | +8 | WSW | 3 | bc | 51 | 46 | 8 | 4 | 7 | 1 | 4 | 1 | 4 | 45 | - | 0 |
| Cranfield | 34·8 | +6 | W | 3 | bc | 54 | 43 | 8 | 4 | - | 1 | 4 | 4 | 2 | 40 | - | 1 |
| Honiley | 34·7 | +8 | SW | 3 | bc | 51 | 43 | 8 | 2 | 3 | - | 4 | 4 | 2 | 30 | - | 1 |
| Little Rissington | 35·4 | +6 | WSW | 3 | c | 49 | 43 | 8 | 5 | - | - | 6 | 6 | - | 50 | - | 1 |
| Shobden | 35·0 | 0 | WNW | 2 | bc | 48 | 44 | 8 | 4 | - | 8 | 4 | 3 | 3 | 17 | 25 | 1 |
| Bristol | 36·4 | -2 | W | 3 | c | 48 | 44 | 8 | 5 | - | - | 6 | 1 | 6 | 15 | 57 | 1 |
| Chivenor | 36·7 | -2 | SW | 3 | c | 48 | 41 | 8 | 5 | 7 | - | 6 | 5 | 3 | 30 | - | 1 |
| Yeovilton | 36·7 | +2 | NWN | 1 | c | 51 | 43 | 8 | 8 | - | - | 7 | 7 | - | 20 | - | 0 |
| Portland Bill | 37·0 | -4 | SW | 4 | c | 46 | 44 | 7 | 5 | - | - | 8 | 8 | - | 50 | - | 1 |
| Exeter | 37·0 | +2 | SSE | 1 | c | 51 | 42 | 8 | 5 | - | - | 7 | 4 | 7 | 20 | 40 | 0 |
| Plymouth | 37·5 | +2 | WSW | 3 | c | 48 | 44 | 7 | 5 | - | - | 7 | 7 | - | 35 | - | 1 |
| St. Eval | 37·2 | 0 | WSW | 3 | c | 47 | 38 | 8 | 5 | 7 | - | 6 | 4 | 5 | 30 | 40 | 0 |
| The Lizard | 36·6 | -4 | SW | 3 | c | 48 | 44 | 8 | 5 | - | - | 7 | 7 | - | 22 | - | 1 |
| Scilly, St. Marys | 37·0 | -2 | SW | 3 | c | 48 | 46 | 8 | 5 | - | - | 7 | 7 | - | 30 | - | 1 |
| Fairwood | 36·9 | +2 | WSW | 3 | bc | 46 | 41 | 7 | 5 | 4 | 2 | 4 | 3 | 2 | 20 | - | 1 |
| Pembroke | 35·4 | -2 | SW'S | 4 | bc | 46 | 44 | 7 | 2 | 9 | 1 | 4 | 3 | 3 | 25 | - | 1 |
| Aberporth | 35·2 | +2 | SW'W | 4 | c-bc | 47 | 44 | 8 | 5 | - | 2 | 5 | 3 | 4 | 7 | 25 | 1 |
| Penrhos | 33·9 | +2 | SW | 4 | f | 46 | 46 | 2 | 5 | - | - | 8 | 8 | - | 0 | - | 0 |
| Holyhead, Valley | 33·1 | +2 | SW | 5 | $z_0$ | 45 | 45 | 5 | 5 | - | - | 7 | 7 | - | 4 | - | 1 |
| Hawarden | 33·2 | +2 | W'S | 4 | bc | 49 | 45 | 8 | 8 | 3 | 1 | 4 | 3 | 1 | 20 | - | 0 |
| Manchester | 32·7 | +4 | SW'W | 4 | bc | 48 | 42 | 7 | 4 | 3 | 1 | 4 | 2 | 3 | 30 | - | 1 |
| Squires Gate | 32·5 | +4 | WSW | 3 | b-bc | 46 | 45 | 6 | 5 | 4 | 2 | 3 | 2 | 1 | 49 | - | 0 |
| Silloth | 30·2 | +6 | SW'W | 4 | bc | 46 | 44 | 7 | 8 | 4 | - | 4 | 3 | 4 | 23 | 57 | 1 |
| Ashbourne | 34·1 | +6 | WSW | 3 | c-bc | 49 | 44 | 7 | 5 | 4 | - | 5 | 3 | 4 | 20 | - | 0 |
| Snaith | 32·6 | +6 | WSW | 2 | $z_0$ | 52 | 46 | 5 | - | 4 | - | 3 | 3 | 1 | 120 | - | 0 |
| Spurn Head | 32·1 | +6 | W'S | 3 | $z_0$ | 50 | 46 | 5 | 7 | - | - | 7 | 7 | - | 15 | - | 0 |
| Leeming | 31·1 | +8 | WSW | 3 | c-bc | 51 | 46 | 7 | 8 | 3 | - | 5 | 3 | 4 | 20 | 25 | 0 |
| Tynemouth | 29·3 | +6 | WSW | 4 | $z_0$ | 53 | 51 | 6 | 2 | 3 | - | 4 | 3 | 3 | 20 | - | 0 |
| Acklington | 28·2 | +10 | WSW | 4 | c-bc | 51 | 47 | 7 | 5 | 3 | 1 | 5 | 3 | 4 | 28 | - | 0 |
| St. Abb's Head | 26·0 | +12 | W | 4 | b-bc | 52 | 46 | 9 | 4 | 4 | 9 | 3 | 2 | 3 | 30 | - | 0 |
| Leuchars | 24·8 | +8 | WSW | 4 | b-bc | 51 | 45 | 8 | 8 | 4 | 9 | 3 | 2 | 1 | 25 | - | 0 |
| Montrose | 24·1 | +14 | SW | 5 | c-bc | 53 | 43 | 8 | 4 | 4 | 9 | 5 | 2 | 2 | 15 | - | 0 |
| Abbotsinch | 27·1 | +8 | W | 4 | bc | 50 | 43 | 8 | 5 | 3 | - | 4 | 4 | 2 | 20 | - | 1 |
| Prestwick | 28·5 | +6 | SW'W | 4 | b-bc | 49 | 42 | 8 | 5 | - | 1 | 3 | 2 | 3 | 20 | 40 | 1 |
| West Freugh | 29·4 | +4 | WSW | 4 | pr | 50 | 47 | 8 | 8 | - | - | 7 | 4 | 7 | 25 | 40 | 1 |
| Eskdalemuir | 29·4 | +16 | WSW | 3 | bc | 50 | 41 | 8 | 7 | - | - | 4 | 4 | - | 21 | - | 1 |
| Jurby, I. of Man | 30·9 | +2 | SW | 4 | bc | 49 | 46 | 8 | 5 | 3 | 1 | 4 | 1 | 3 | 19 | 40 | 1 |
| Machrihanish | 28·8 | +8 | SW'W | 4 | bc | 50 | 43 | 8 | 5 | 4 | - | 4 | 3 | 4 | 35 | - | 0 |
| Tiree | 25·3 | +6 | SW | 6 | c | 48 | 47 | 7 | 5 | - | - | 6 | 1 | 6 | 15 | 57 | 1 |
| Oban | 27·2 | +6 | SW | 4 | c | 46 | 45 | 7 | 9 | - | - | 7 | 3 | 7 | 6 | 25 | 1 |
| Stornoway | 18·7 | +6 | SW | 7 | c | 50 | 49 | 7 | 5 | - | 8 | 7 | 4 | 5 | 12 | 25 | 1 |
| Cape Wrath | 15·9 | +8 | SW | 5 | cjf | 46 | 46 | 7 | 5 | 2 | - | 8 | 5 | - | 8 | - | 2 |
| Dalwhinnie | 24·0 | +8 | SW | 5 | c | 45 | 41 | 7 | 5 | - | - | 7 | 7 | - | 22 | - | 1 |
| Aberdeen | 21·9 | +16 | WSW | 3 | c-bc | 55 | 42 | 8 | 4 | - | 6 | 5 | 1 | 5 | 25 | - | 0 |
| Fraserburgh | 20·1 | +12 | WSW | 5 | c | 53 | 45 | 9 | 1 | 4 | 9 | 6 | 2 | 3 | 20 | - | 0 |
| Alness | 20·6 | +12 | W | 5 | pr | 51 | 47 | 9 | 8 | 6 | 8 | 7 | 4 | 2 | 25 | - | 1 |
| Wick | 18·3 | +18 | SW | 7 | c-bc | 52 | 45 | 9 | 5 | 4 | 9 | 5 | 4 | 3 | 20 | - | 0 |
| Hatston | 15·8 | +10 | WSW | 8 | $ir_0$ | 51 | 48 | 6 | 5 | 2 | - | 8 | 4 | 5 | 12 | 25 | 1 |
| Sumburgh | 11·9 | +10 | WSW | 7 | $d_0d_0$ | 46 | 46 | 4 | 5 | 2 | - | 8 | 5 | 8 | 4 | 15 | 1 |
| Sullom Voe | 10·8 | +6 | WSW | 4 | $d_0d_0$ | 45 | 45 | 5 | 5 | - | - | 8 | 4 | 8 | 1 | 5 | 1 |
| Blacksod Point† | 29·3 | 0 | SSW | 4 | c | 50 | 45 | 7 | 6 | - | - | 7 | 7 | - | 8 | - | 1 |
| Malin Head † | 27·3 | +8 | W'N | 5 | bc | 50 | 43 | 8 | 5 | - | 2 | 4 | 3 | - | 15 | - | 1 |
| Aldergrove | 30·5 | +8 | SW'W | 4 | PR | 50 | 46 | 8 | 8 | 7 | - | 8 | 4 | 6 | 10 | 25 | 1 |
| Cas. Archdale | 30·7 | +6 | SW'W | 4 | $ir_0$ | 50 | 43 | 8 | 5 | - | - | 7 | 4 | 7 | 18 | 25 | 1 |
| Birr Castle … † | 31·9 | +2 | SSW | 1 | c | 50 | 43 | 8 | 5 | 1 | - | 8 | 5 | - | 15 | - | 1 |
| Collinstown † | 32·3 | +6 | W'S | 4 | pr | 50 | 45 | 8 | 8 | - | 3 | 7 | 6 | - | 21 | - | 1 |
| Foynes … † | 33·0 | +4 | SW'W | 1 | c | 50 | 43 | 9 | 5 | - | 5 | 6 | 5 | - | 32 | - | 1 |
| Valentia … † | 33·7 | +6 | SW'S | 4 | c-bc | 49 | 44 | 8 | 8 | 5 | 3 | 5 | 4 | - | 32 | - | 1 |
| Roches Point † | 34·5 | 0 | SSW | 2 | c | 48 | 46 | 8 | 5 | 7 | 1 | 6 | 4 | - | 15 | - | 1 |

## OBSERVATIONS during DAY

| Stations | Weather 06h.–12h. (34) | Weather 12h.–18h. (35) | Max. Temp. 09h.–21h. °F. (36) | Sunshine Hrs. (37) | Rain 09h.–21h. mm. (38) |
|---|---|---|---|---|---|
| Kew | $cm_0c$ | $cybcz_0$ | 58 | 2·2 | - |
| Croydon | $cm_0cz_0$ | $jcz_0bcz_0$ | 60 | 1·8 | - |
| Boscombe Down | c | cbcbcyc | 57 | 5·3 | - |
| Thorney Island | $ofcm_0$ | $bcz_0cm_0$ | 58 | * | - |
| Friston | | | | | |
| Lympne | $cm_0$ | $bcz_0cm_0$ | 61 | 4·0 | - |
| Manston | $cm_0bcz_0$ | bcc | 60 | 4·2 | - |
| North Weald | $cm_0c$ | cbc | 58 | * | - |
| Felixstowe | $cm_0cz_0$ | $bcz_0cbc$ | 57 | 3·9 | - |
| Gorleston | $cz_0$ | $bcz_0$ | 60 | 3·0 | - |
| Mildenhall | $bcm_0cm_0$ | bc | 59 | 3·4 | - |
| Bircham Newton | $cm_0$ | $bcz_0$ | 58 | 1·6 | - |
| Cranwell | $bcm_0cm_0$ | bc | 59 | 3·5 | - |
| Cranfield | $cm_0bcb$ | b* | 56 | * | - |
| Honiley | $cm_0c$ | cbc | 55 | 5·4 | - |
| Little Rissington | $cm_0$d.i rme | c | 54 | * | - |
| Shobden | cc | cbc | 56 | * | - |
| Bristol | $cd_0r_0mbc$ | bcc | 57 | 5·7 | - |
| Chivenor | c | cbcc | 55 | 3·2 | - |
| Yeovilton | bc | c | 58 | * | - |
| Portland Bill | offc | c | 47 | 3·8 | - |
| Exeter | bc | c | 58 | 1·7 | - |
| Plymouth | $cm_0c$ | c | 56 | | - |
| St. Eval | $bcwir_0c$ | c | 51 | 0·6 | Tr |
| The Lizard | c | c | 52 | 0·3 | Tr |
| Scilly, St. Marys | c | c | 51 | 0·2 | - |
| Fairwood | $ofid_0$ | cbc | 51 | * | Tr |
| Pembroke | oFe | cbc | 48 | 1·1 | - |
| Aberporth | jfc | cbcc | 53 | 1·8 | 0·1 |
| Penrhos | cFoFodf | cmoF | 49 | 0·0 | - |
| Holyhead, Valley | om | ofom | 48 | * | - |
| Hawarden | c | cbcb | 55 | 4·1 | - |
| Manchester | $cm_0z_0$ | cbc | 58 | | - |
| Squires Gate | $cm_0$ | $cbm_0$ | 50 | * | - |
| Silloth | $cm_0id_0c$ | cbc | 48 | * | 0·3 |
| Ashbourne | $ccir_0$ | $ccir_0cbcc$ | 54 | | Tr |
| Snaith | $bcm_0cz_0$ | $z_0pr_0bcm_0$ | 59 | 2·1 | Tr |
| Spurn Head | $bcm_0cz_0$ | $cm_0$ | 55 | 1·6 | - |
| Leeming | bcc | $cpr_0bcm_0$ | 58 | 4·5 | Tr |
| Tynemouth | $bcm_0$ | $bcm_0$ | 59 | | - |
| Acklington | bcbbc | bcbc | 57 | * | - |
| St. Abb's Head | b | cbcc | 57 | * | - |
| Leuchars | bcbbc | cbcb | 57 | 8·4 | - |
| Montrose | bbcby | bcycbc | 59 | 7·4 | - |
| Abbotsinch | $ir_0m_0c$ | cbc | 55 | 2·7 | Tr |
| Prestwick | $cir_0cm_0$ | cbc | 53 | * | Tr |
| West Freugh | $ccr_0c$ | $cr_0cbccpr_0$ | 57 | | 0·3 |
| Eskdalemuir | $cirpr_0$ | $cpr_0vbc$ | 53 | 0·7 | 0·1 |
| Jurby, I. of Man | c | cbc | 52 | * | Tr |
| Machrihanish | irc | cbc | 55 | * | - |
| Tiree | $cm_0$ | $cid_0c$ | 52 | 1·0 | 0·1 |
| Oban | $od_0d_0Fm_0m$ | $ccd_0d_0cpr_0c$ | 48 | * | * |
| Stornoway | $c\ id_0m_0$ | $cd_0d_0m_0c$ | 53 | 1·7 | 0·2 |
| Cape Wrath | rFrFc | rFcjc | 47 | * | 0·3 |
| Dalwhinnie | cpro | $opr_0c$ | 50 | 1·2 | 4 |
| Aberdeen | bwbbyb | bybcyc | 60 | 7·6 | - |
| Fraserburgh | cbcb | byycw | 59 | 6·8 | - |
| Alness | bx | $bcpr_0c$ | 57 | 5·5 | Tr |
| Wick | bcc | circbs | 58 | 3·2 | Tr |
| Hatston | ddprcir | rrir | 53 | * | 3 |
| Sumburgh | $cr_0r_0d_0d_0m$ | $cd_0d_0m_0$ | 48 | 0·0 | 3 |
| Sullom Voe | $orrr_0r_0m_0$ | $cd_0d_0m_0$ | 48 | * | 8 |
| Blacksod Point† | bc | c | 54 | * | Tr |
| Malin Head † | c | bc | 54 | 2·6 | - |
| Aldergrove | $ir_0c$ | $cpr_0$ | 56 | 2·2 | 2 |
| Cas. Archdale | $cir_0c$ | $cpr_0c$ | 54 | * | Tr |
| Birr Castle … † | d | d | 54 | 0·2 | 0·2 |
| Collinstown † | c | pr | 57 | 3·3 | 0·2 |
| Foynes … † | d | pr | 55 | 1·9 | 1 |
| Valentia … † | c | c | 54 | 3·8 | 0·6 |
| Roches Point † | f | pr | 53 | * | Tr |

† Birr Castle reports at 1300. Maximum temperature and rainfall read at 1800.

* Information not usually received.

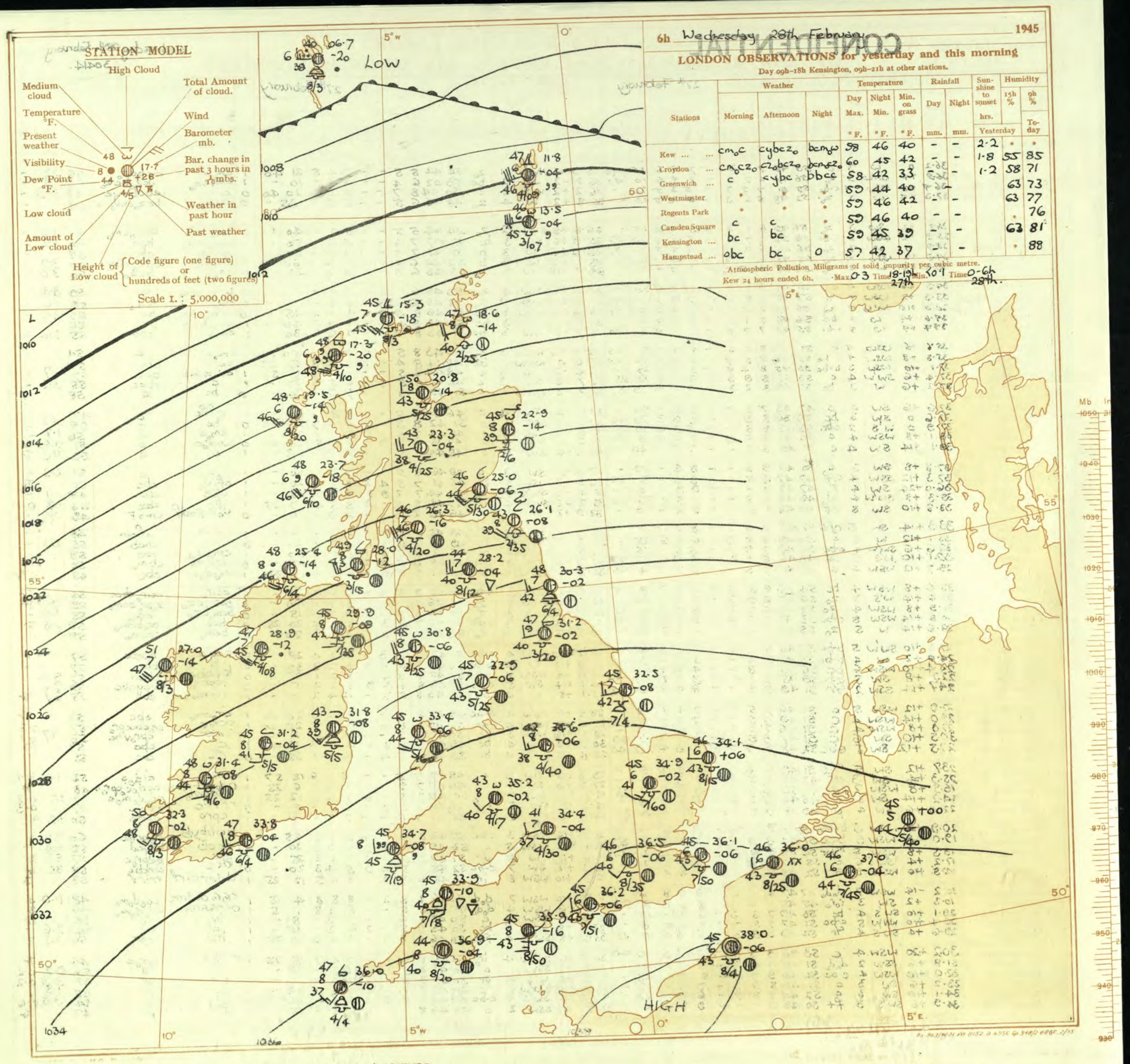
CODE FOR CLOUD AMOUNT (Cols. 12, 13, 14, 28, 29, 30).

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.

‡ See footnote p. 4.

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


STATION MODEL
High Cloud
Medium cloud
Total Amount of cloud.
Temperature °F.
Wind
Present weather
Barometer mb.
Visibility
Bar. change in past 3 hours in 1/10 mbs.
Dew Point °F.
Weather in past hour
Low cloud
Past weather
Amount of Low cloud
Height of Low cloud
Code figure (one figure) or hundreds of feet (two figures)
Scale 1. : 5,000,000
LOW
HIGH
6h Wednesday 28th February 1945
LONDON OBSERVATIONS for yesterday and this morning
Day 09h–18h Kensington, 09h–21h at other stations.
Stations
Weather
Morning
Afternoon
Night
Temperature
Day Max. °F.
Night Min. °F.
Min. on grass °F.
Rainfall
Day mm.
Night mm.
Sunshine to sunset hrs. Yesterday
Humidity
15h %
9h %
To-day
Kew ... cm₀c cybcz₀ bcmgw 58 46 40 - - 2·2 • •
Croydon ... cm₀cz₀ cz₀bcz₀ bcmsz₀ 60 45 42 - - 1·8 55 85
Greenwich ... c cybc bbcc 58 42 33 - - 1·2 58 71
Westminster • • • 59 44 40 - 63 73
Regents Park • • • 59 46 42 - - 63 77
Camden Square c c • 59 46 40 - - • 76
Kensington ... bc bc • 59 45 39 - - 63 81
Hampstead ... obc bc 0 57 42 37 - - • 88
Atmospheric Pollution Miligrams of solid impurity per cubic metre.
Kew 24 hours ended 6h. Max 0·3 Time 18-19h 27th Min 0·1 Time 0-6h 28th.
Mb
In

## GENERAL INFERENCE

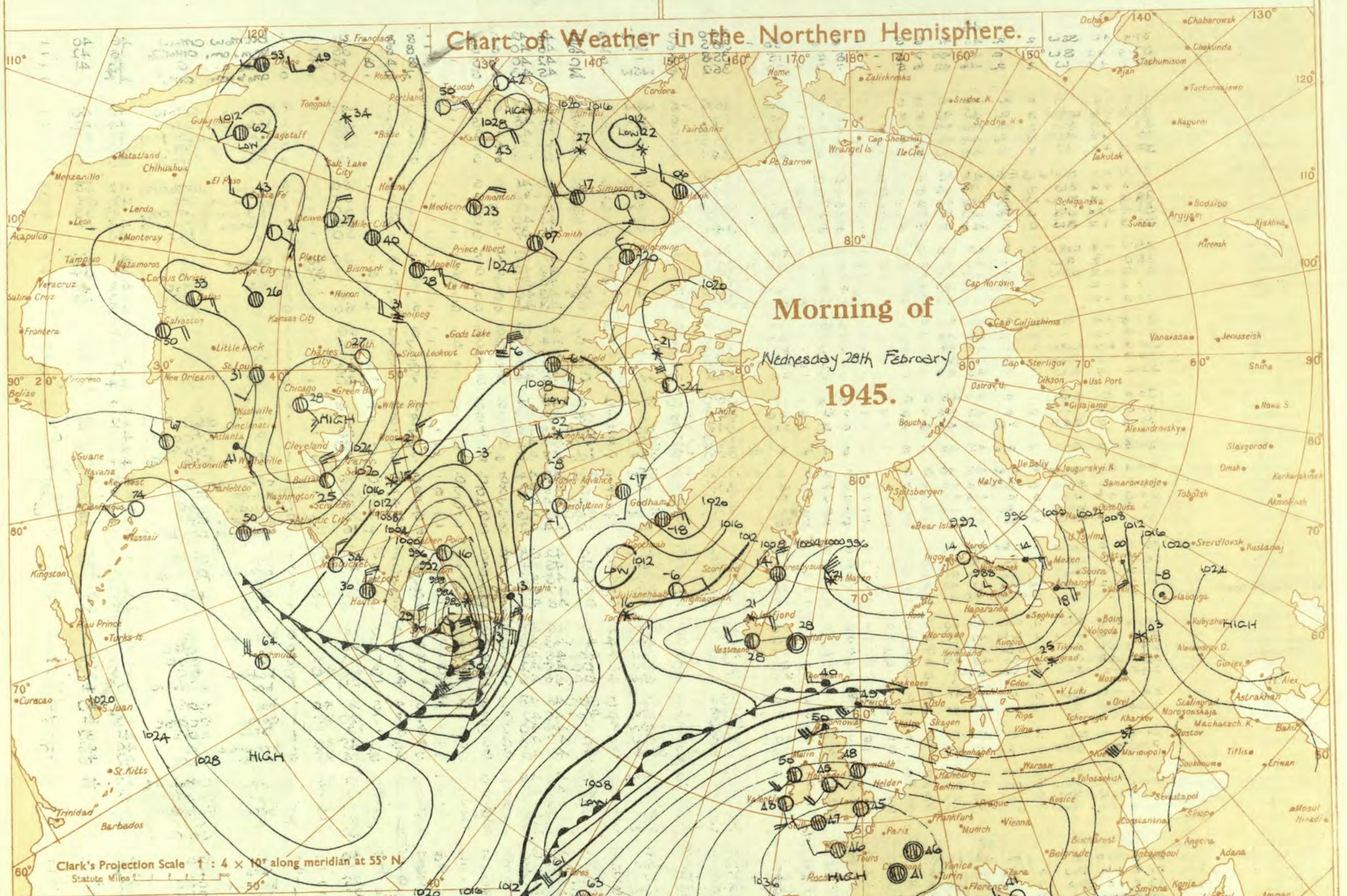
A ~~similar~~ west to southwest flow will persist over the British Isles, with strong to gale winds in the North. Weather will be mainly cloudy but with some sunny periods, chiefly in the East. There will be hill fog and local drizzle in northwestern districts, and some hill fog tonight in western districts.

## FURTHER OUTLOOK

Little change.

Gale warning in operation in districts 13B, 15 and 16. Times of issue 2300h. G.M.T. 27th Feb. 1945.

# 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.

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.

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 28th Feb. 1945

No. 3044

## OBSERVATIONS at 00hr. G.M.T. 28th February

| 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 | | * | * | * | * | 48 | * | * | * | * | * | * | * | * | * | |
| | Croydon ... | 217 | 37·4 | +2 | SSW | 2 | 2 | 45 | 41 | 6 | 5 | - | - | 6 | 6 | - | 50 | - |
| | Boscombe Down | 417 | 37·9 | +2 | SW | 1 | c | 45 | 40 | 7 | 5 | - | - | 8 | 8 | - | 15 | - |
| | Thorney Island | 10 | 37·7 | +4 | W | 2 | 2 | 46 | 43 | 6 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Friston ... | – | | | | | | | | | | | | | | | | |
| | Lympne ... | 341 | 37·8 | +4 | – | 0 | 2 | 43 | 40 | 5 | 5 | - | - | 7 | 7 | - | 35 | - |
| | Manston ... | 140 | 37·3 | +6 | WSW | 3 | 2 | 45 | 43 | 6 | 5 | - | - | 6 | 6 | - | 65 | - |
| 2 | North Weald | 244 | 37·1 | +4 | SW | 3 | m | 43 | 40 | 4 | - | 3 | - | 4 | 4 | - | 120 | - |
| | Felixstowe ... | 10 | 36·0 | +2 | WSW | 3 | 2 | 44 | 42 | 6 | 5 | 4 | - | 1 | 1 | 3 | 20 | - |
| | Gorleston ... | 5 | 34·9 | +2 | W | 2 | 2 | 48 | 43 | 6 | 5 | - | - | 5 | 5 | - | 20 | - |
| | Mildenhall | 15 | 35·5 | +2 | SW'ly | 3 | c/bc | 46 | 43 | 7 | - | 3 | - | 5 | 5 | - | - | - |
| | Bircham Newton | 221 | 35·2 | +6 | SW | 2 | 2 | 44 | 43 | 6 | - | 5 | 8 | 7 | 5 | 6 | - | - |
| | Cranwell ... | 203 | 34·8 | +2 | SW'ly | 3 | 2 | 45 | 44 | 5 | - | 3 | 2 | 4 | 3 | 3 | - | - |
| 3 | Cranfield ... | 340 | 36·2 | +2 | W'S | 3 | 2 | 43 | 41 | 6 | - | 3 | - | 4 | 4 | - | 80 | - |
| | Honiley ... | 427 | 35·5 | +2 | SW | 3 | c | 46 | 44 | 8 | 5 | - | - | 6 | 6 | - | 45 | - |
| 4 | Little Rissington | 731 | 36·7 | +4 | WSW | 2 | c | 45 | 40 | 7 | 5 | - | - | 7 | 7 | - | 25 | - |
| | Shobden ... | 318 | 36·3 | -2 | SW | 2 | c | 47 | 41 | 8 | 5 | 3 | - | 8 | 3 | 8 | 40 | 72 |
| 5 | Bristol ... | 209 | 37·2 | +2 | WSW | 2 | 2 | 45 | 40 | 6 | - | 3 | - | 8 | 8 | - | - | - |
| | Chivenor ... | 20 | 37·2 | -2 | – | 0 | c | 46 | 39 | 5 | 5 | - | - | 8 | 8 | - | 40 | - |
| | Yeovilton | 50 | 37·3 | -2 | – | 0 | c | 45 | 46 | 7 | 5 | - | - | 8 | 3 | 8 | 20 | 25 |
| | Portland Bill | 32 | 37·8 | +4 | S | 4 | c | 46 | 44 | 8 | 5 | - | - | 8 | 8 | - | 50 | - |
| | Exeter ... | 100 | 37·8 | +2 | – | 0 | c | 46 | 42 | 7 | 5 | - | - | 7 | 7 | - | 40 | - |
| | Plymouth ... | 86 | 38·2 | +2 | WSW | 2 | c | 46 | 42 | 8 | 8 | - | - | 7 | 7 | - | 25 | - |
| | St. Eval ... | 345 | 37·7 | -2 | SSW | 2 | c | 45 | 38 | 8 | 5 | 7 | - | 5 | 3 | 5 | 20 | 40 |
| | The Lizard | 240 | 37·2 | -4 | S'W | 3 | c | 45 | 40 | 7 | 5 | - | - | 7 | 7 | - | 20 | - |
| | Scilly, St. Marys | 163 | 37·4 | 0 | SW'ly | 2 | c | 47 | 46 | 8 | 8 | 7 | - | 8 | 4 | - | 15 | - |
| 6 | Fairwood ... | 268 | 37·5 | -2 | – | 0 | c | 43 | 42 | 7 | 5 | 7 | - | 7 | 3 | 5 | 20 | - |
| | Pembroke ... | 142 | 34·8 | 0 | SE'S | 2 | c/bc | 45 | 45 | 8 | 8 | - | - | 5 | 5 | - | 20 | - |
| | Aberporth ... | 425 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 7 | Penrhos ... | 63 | 34·8 | +2 | SW | 4 | ir. | 45 | 45 | 7 | 5 | - | 7 | 8 | 3 | 4 | 5 | 25 |
| | Holyhead, Valley | 32 | 34·5 | +2 | SW'S | 5 | c.bc | 45 | 45 | 8 | 5 | - | - | 5 | 2 | 5 | 5 | 40 |
| | Hawarden | 15 | 34·5 | 0 | ENE | 2 | c/pr | 48 | 45 | 7 | 8 | - | - | 7 | 4 | 7 | 15 | 40 |
| 8 | Manchester | 230 | 34·3 | +6 | W'S | 3 | c | 48 | 45 | 7 | 4 | - | - | 7 | 7 | - | 18 | - |
| | Squires Gate | 30 | 33·8 | +6 | WSW | 3 | 2 | 45 | 44 | 6 | 5 | 5 | - | 8 | 5 | 8 | 8 | - |
| | Silloth ... | 25 | 31·0 | +2 | SSW | 4 | c | 45 | 42 | 7 | 5 | 3 | - | 6 | 2 | 6 | 20 | - |
| 9 | Ashbourne ... | 590 | 35·3 | -2 | WSW | 3 | c.bc | 45 | 44 | 7 | 5 | - | - | 5 | 5 | - | 45 | - |
| | Snaith ... | 30 | 34·0 | -2 | WSW | 3 | 2 | 48 | 44 | 6 | 5 | - | - | 5 | 5 | - | 40 | - |
| 10 | Spurn Head | 29 | 33·3 | +10 | SW | 3 | 2 | 44 | 41 | 8 | 7 | - | - | 5 | 5 | - | 40 | - |
| | Leeming | 105 | 32·3 | +2 | W'S | 4 | pr. | 47 | 43 | 8 | 5 | 4 | - | 6 | 3 | 4 | 18 | 25 |
| | Tynemouth | 108 | 31·0 | 0 | SW | 2 | c.bc/pr | 48 | 41 | 7 | 8 | - | - | 5 | 8 | - | 15 | - |
| | Acklington | 138 | 30·2 | +6 | SW | 3 | c.bc | 45 | 43 | 7 | 5 | 3 | 1 | 5 | 3 | 4 | 16 | - |
| 11 | St. Abb's Head | 280 | 27·4 | +6 | WSW | 3 | b.bc | 47 | 38 | 8 | 4 | 4 | - | 3 | 1 | 3 | 20 | - |
| | Leuchars ... | 31 | 26·8 | +6 | SW | 4 | b.bc | 48 | 44 | 8 | 5 | 4 | 1 | 3 | 3 | 2 | 50 | - |
| | Montrose ... | 22 | 26·3 | +8 | SW | 5 | bc | 48 | 40 | 8 | 5 | 3 | 3 | 4 | 4 | 4 | 30 | - |
| 12 | Abbotsinch | 19 | 28·3 | +2 | SW | 2 | bc | 47 | 41 | 8 | 5 | - | - | 4 | 4 | - | 25 | - |
| | Prestwick ... | 30 | 29·7 | -2 | SW | 4 | bc | 47 | 41 | 8 | 5 | 4 | 8 | 4 | 1 | 3 | 20 | 50 |
| | West Freugh | 53 | 30·5 | -2 | SW | 4 | c | 47 | 41 | 8 | 5 | 3 | 2 | 6 | 2 | 5 | 18 | 25 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Jurby, I. of Man | 84 | 31·8 | -2 | SW | 5 | c | 46 | 41 | 8 | 5 | 3 | 6 | 7 | 1 | 3 | 30 | - |
| 13A | Machrihanish | 35 | 28·3 | -2 | SW'S | 4 | c.bc | 47 | 42 | 8 | 7 | 3 | - | 5 | 5 | - | 70 | - |
| | Tiree ... | 44 | 28·8 | 0 | SW | 4 | bc | 47 | 43 | 8 | 5 | - | - | 4 | 4 | - | 30 | - |
| | Oban ... | 74 | 27·6 | 0 | WSW | 4 | pr. | 46 | 44 | 6 | 8 | - | - | 8 | 3 | 8 | 10 | 15 |
| 13B | Stornoway ... | 12 | 25·3 | +6 | SW | 6 | ir. | 50 | 46 | 8 | 5 | 3 | - | 6 | 4 | 5 | 15 | 40 |
| | Cape Wrath | 367 | 26·3 | +6 | SW | 5 | c.bc | 45 | 44 | 8 | 5 | 3 | - | 5 | 4 | - | 15 | - |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aberdeen ... | 79 | | | | | | 50 | | | | | | | | | | |
| | Fraserburgh | 76 | 22·3 | +10 | S | | c | 46 | 42 | 8 | - | 7 | - | 6 | 6 | - | - | - |
| | Alness ... | 63 | 22·2 | +6 | SW | 4 | ir. | 50 | 44 | 8 | 5 | 7 | - | 7 | 4 | 7 | 25 | - |
| | Wick ... | 114 | 18·4 | -2 | SW | 7 | c | 45 | 42 | 8 | 5 | 7 | - | 6 | 3 | 6 | 35 | - |
| 16 | Hatston ... | 45 | 16·5 | +4 | WSW | 3 | bc | 45 | 42 | 7 | 5 | 3 | 6 | 4 | 2 | 3 | 25 | - |
| | Sumburgh ... | 15 | 13·0 | +6 | WSW | 7 | id. | 47 | 46 | 6 | 5 | 1 | - | 8 | 5 | 8 | 7 | - |
| | Sullom Voe | 12 | 10·7 | +4 | SW | 7 | d.d. | 45 | 41 | 5 | 5 | 2 | - | 8 | 4 | 8 | 8 | 15 |
| 17 | Blacksod Point † | 18 | 29·3 | -2 | SW'S | 5 | c | 50 | 46 | 8 | 5 | 3 | - | 7 | 7 | - | 15 | - |
| 18 | Malin Head † | 84 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Aldergrove | 294 | 30·2 | -4 | SSW | 4 | c/pr | 46 | 43 | 8 | 8 | 7 | - | 6 | 3 | 4 | 10 | 40 |
| | Cas. Archdale | 240 | 30·7 | -2 | SSW | 4 | ir. | 47 | 45 | 7 | 5 | - | - | 7 | 4 | 7 | 12 | 40 |
| 19 | Birr Castle ... † | 173 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Collinstown † | 220 | 33·1 | -2 | SW'S | 2 | c | 45 | 38 | 8 | 5 | - | 3 | 7 | 4 | - | 40 | - |
| 20 | Foynes ... † | 3 | 32·8 | -2 | S'E | 4 | c | 47 | 40 | 8 | 5 | - | - | 7 | 7 | - | 55 | - |
| | Valentia ... † | 30 | 33·4 | -6 | S'E | 4 | c | 48 | 46 | 8 | 5 | 3 | - | 7 | 7 | - | 40 | - |
| | Roches Point † | 22 | 35·0 | 0 | SW'ly | 2 | c.bc | 47 | 43 | 8 | 5 | 3 | - | 6 | 4 | - | 15 | - |

† Minimum temperature and rainfall read at 0700. Birr Castle reports at 0790.

## OBSERVATIONS at 06hr. G.M.T. 28th February

| 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) | Weather 18h.–00h. (39) | Weather 00h.–06h. (40) | Temperature 21h.–09h. Min. °F. (41) | Temperature 21h.–09h. Min. on Grass °F. (42) | Rain mm. (43) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kew ... | 36·0 | 0 | SW'N | 2 | N | 46 | 42 | 6 | 5 | - | - | 8 | 8 | - | 21 | - | 1 | bccmow | cmow | 46 | 40 | – |
| Croydon ... | 36·5 | -6 | SW | 2 | N | 46 | 40 | 6 | 5 | - | - | 8 | 8 | - | 35 | - | 1 | bcm.cm. | cmoc2o | 45 | 42 | – |
| Boscombe Down | 35·8 | -6 | – | 0 | c | 42 | 40 | 7 | 5 | - | - | 8 | 4 | 8 | 14 | 25 | 0 | cidb.c | c | 42 | 41 | – |
| Thorney Island | 36·2 | -6 | WSW | 1 | N | 45 | 43 | 6 | 5 | - | - | 7 | 7 | - | 51 | - | 0 | cmo'bcm. | cmo | 44 | | – |
| Lympne ... | 36·6 | -6 | WSW | 1 | N | 43 | 43 | 6 | 5 | - | - | 7 | 7 | - | 40 | - | 1 | cmow | cmow | 43 | 40 | – |
| Manston ... | 36·1 | -6 | SW | 2 | N | 45 | 43 | 6 | 5 | - | - | 7 | 7 | - | 50 | - | 1 | bcbbcm. | cmo | 44 | 42 | – |
| North Weald | 35·8 | -6 | SSW | 3 | m | 44 | 42 | 4 | 5 | - | - | 7 | 7 | - | 40 | - | 1 | bcm.mbcm | bcmcfcm | 42 | 35 | * |
| Felixstowe ... | 35·5 | -2 | SW | 2 | N | 44 | 42 | 6 | 5 | - | - | 7 | 7 | - | 45 | - | 0 | bbcmow | cmo | 43 | 37 | – |
| Gorleston ... | 34·1 | +6 | W | 2 | N | 46 | 43 | 6 | 5 | - | - | 8 | 8 | - | 15 | - | 0 | ezb. | bcc2o | 45 | 41 | – |
| Mildenhall | 34·9 | -2 | SW'S | 3 | N | 45 | 41 | 6 | 5 | - | - | 7 | 7 | - | 60 | - | 0 | bcm. | cbmocmo | 42 | 38 | – |
| Bircham Newton | 34·3 | -2 | WSW | 2 | 2 | 44 | 42 | 6 | 5 | - | - | 6 | 6 | - | 50 | - | 1 | bc2bm.cm | cmo | 42 | 35 | Tr |
| Cranwell ... | 33·6 | -2 | SW | 3 | N | 45 | 41 | 5 | 5 | 3 | - | 7 | 5 | 7 | 40 | - | 1 | bchcm. | bcmocmo | 43 | 39 | 0·2 |
| Cranfield ... | 35·2 | -2 | W | 1 | 2 | 43 | 40 | 6 | 5 | - | - | 8 | 8 | - | 30 | - | 0 | bcbcm. | bcmocmo | 43 | 29 | – |
| Honiley ... | 34·6 | -6 | WSW | 3 | c | 41 | 37 | 7 | 5 | - | - | 7 | 6 | 1 | 50 | - | 0 | c | bcc | 40 | | – |
| Little Rissington | 34·4 | -4 | WSW | 2 | c | 41 | 37 | 7 | 5 | - | - | 7 | 4 | 7 | 30 | 40 | 1 | ccbbc | c | 41 | 38 | – |
| Shobden ... | 35·2 | -2 | SW | 2 | c | 42 | 40 | 8 | 5 | 3 | - | 8 | 4 | 8 | 17 | 57 | 0 | c | c | 41 | 34 | – |
| Bristol ... | 35·9 | -4 | – | 0 | c | 43 | 39 | 7 | - | 7 | - | 6 | 6 | - | - | - | 1 | cc2. | cmoc | 42 | 38 | – |
| Chivenor ... | 35·9 | -10 | S | 1 | c/pr | 45 | 40 | 8 | 8 | - | - | 7 | 7 | - | 18 | - | 1 | c | cpr6c | 43 | 42 | 1 |
| Yeovilton | 36·3 | -4 | – | 0 | c | 43 | 43 | 6 | 5 | 3 | - | 6 | 5 | 4 | 60 | - | 0 | c | c | 42 | | – |
| Portland Bill | 35·9 | -16 | S | 3 | c | 45 | 43 | 8 | 5 | - | - | 8 | 8 | - | 50 | - | 1 | c | c | 45 | | – |
| Exeter ... | 36·4 | -6 | – | 0 | c | 44 | 37 | 8 | 5 | 3 | - | 7 | 4 | 2 | 50 | - | 1 | c | c | 41 | 35 | Tr |
| Plymouth ... | 36·8 | -4 | – | 0 | c | 44 | 40 | 8 | 5 | - | - | 8 | 8 | - | 20 | - | 1 | cc | c | 43 | 41 | Tr |
| St. Eval ... | 36·4 | -6 | – | 0 | c.bc | 42 | 39 | 8 | 5 | 7 | 2 | 5 | 3 | 4 | 35 | - | 0 | c | | 41 | 37 | Tr |
| The Lizard | 36·2 | -10 | W | 3 | c | 46 | 44 | 7 | 5 | - | - | 7 | 7 | - | 20 | - | 0 | c | c | 44 | * | – |
| Scilly, St. Marys | 36·0 | -10 | SW'N | 3 | c | 47 | 37 | 8 | 8 | 7 | - | 7 | 4 | 4 | 15 | - | 1 | c | c | 43 | * | – |
| Fairwood ... | 35·8 | -6 | S | 2 | df | 43 | 43 | 5 | 5 | - | - | 8 | 8 | - | 5 | - | 1 | c | cdodof | 42 | 38 | 2 |
| Pembroke ... | 34·7 | -8 | W'S | 2 | dodo | 45 | 45 | 8 | 8 | - | - | 7 | 7 | - | 18 | - | 1 | a | ofcdd. | 43 | | 0·3 |
| Aberporth ... | 34·9 | -2 | SSW | 2 | c/r | 44 | 42 | 8 | 5 | 3 | - | 7 | 7 | 1 | 30 | - | 1 | * | crbc | 42 | 41 | Tr |
| Penrhos ... | 33·8 | -6 | SSW | 4 | ido | 45 | 45 | 6 | 5 | - | - | 7 | 5 | 7 | 3 | 40 | 1 | ofcm. | cirocmo | 44 | 42 | Tr |
| Holyhead, Valley | 33·4 | -6 | SSW | 4 | c.bc | 45 | 44 | 8 | 5 | 3 | - | 5 | 5 | 3 | 60 | - | 1 | ofirododm | c | 43 | 42 | Tr |
| Hawarden | 33·7 | -2 | W | 4 | c | 46 | 42 | 8 | 5 | 7 | 6 | 8 | 4 | 4 | 30 | - | 0 | cporc | c | 45 | 40 | 0·3 |
| Manchester | 33·3 | -6 | SW | 3 | pr | 44 | 41 | 7 | 4 | 3 | - | 7 | 4 | 7 | 18 | - | 1 | bccpr. | cpro | 44 | 38 | 0·3 |
| Squires Gate | 32·9 | -6 | SWN | 4 | c.bc | 45 | 43 | 7 | 5 | - | - | 5 | 5 | - | 25 | - | 0 | cmo bm. | cmo | 44 | 41 | – |
| Silloth ... | 29·9 | -6 | SW | 4 | ir6 | 44 | 42 | 8 | 5 | - | - | 6 | 4 | 4 | 16 | 25 | 1 | bcirom. | cbcproc | 44 | | 1 |
| Ashbourne ... | 34·6 | -6 | WSW | 3 | c | 42 | 38 | 8 | 5 | - | - | 7 | 4 | 7 | 40 | 57 | 0 | bcc | cbcc | 41 | 37 | – |
| Snaith ... | 32·7 | -6 | WSW | 3 | 2 | 45 | 41 | 6 | 5 | - | 2 | 6 | 3 | 6 | 40 | - | 0 | bcm.cm. | procmo | 42 | 37 | Tr |
| Spurn Head | 32·5 | -8 | WSW | 3 | c | 45 | 42 | 7 | 7 | - | - | 7 | 7 | - | 15 | - | 0 | cmo | c | 43 | * | – |
| Leeming | 31·2 | -2 | W'S | 1 | c | 47 | 40 | 8 | 5 | 7 | - | 8 | 3 | 4 | 20 | 40 | 1 | cpr. | bcc | 45 | 41 | Tr |
| Tynemouth | 30·3 | -2 | WSW | 3 | c | 48 | 42 | 7 | 8 | - | - | 6 | 6 | - | 15 | - | 1 | bcpr | c | 45 | 40 | 1 |
| Acklington | 28·7 | -2 | SWN | 4 | c | 46 | 42 | 8 | 5 | 7 | - | 7 | 5 | 7 | 14 | - | 0 | bcprobc | c | 44 | 41 | Tr |
| St. Abb's Head | 26·1 | -8 | SW | 4 | bc | 43 | 39 | 8 | 4 | 4 | 9 | 4 | 2 | 3 | 35 | - | 0 | b | cbc | 42 | * | – |
| Leuchars ... | 25·0 | -6 | SW | 4 | c.bc | 46 | 44 | 7 | 5 | 4 | - | 5 | 5 | 1 | 30 | - | 0 | b | cbc | 44 | 39 | – |
| Montrose ... | 24·2 | -10 | SW | 3 | bc | 45 | 42 | 8 | 5 | 4 | 8 | 4 | 2 | 3 | 25 | 40 | 0 | bcbbc | bc | 43 | 40 | – |
| Abbotsinch | 26·3 | -16 | SW | 4 | bc | 46 | 46 | 7 | 5 | - | - | 4 | 4 | - | 20 | - | 1 | bc | cidobc | 45 | 41 | 0·6 |
| Prestwick ... | 28·1 | -10 | SW | 5 | c.bc | 46 | 43 | 7 | 5 | 4 | - | 5 | 4 | 5 | 20 | 40 | 1 | bcc | cprbc | 45 | 42 | Tr |
| West Freugh | 29·5 | -6 | WSW | 4 | c/pr | 46 | 42 | 8 | 5 | - | - | 7 | 3 | 7 | 20 | 40 | 1 | cprbc | ccprbc | 45 | 41 | Tr |
| Eskdalemuir | 28·2 | -4 | WSW | 5 | c | 44 | 40 | 7 | 5 | - | - | 8 | 8 | - | 12 | - | 1 | bcc | cpro | 41 | 37 | Tr |
| Jurby, I. of Man | 30·8 | -6 | SW | 4 | c | 45 | 43 | 8 | 5 | 3 | - | 6 | 3 | 3 | 25 | 40 | 1 | bccprbc | c | 44 | 43 | Tr |
| Machrihanish | 28·0 | -12 | SW'S | 5 | c | 49 | 43 | 8 | 6 | 7 | - | 7 | 3 | 5 | 15 | 25 | 0 | obcc | irc | 47 | 43 | – |
| Tiree ... | 23·7 | -18 | SW | 6 | ido | 48 | 46 | 6 | 5 | - | - | 8 | 6 | 8 | 10 | 25 | 1 | cpr. | cmoidom | 47 | 45 | Tr |
| Oban ... | 25·7 | -14 | SW | 3 | c/r6 | 46 | 45 | 6 | 5 | - | - | 8 | 2 | 8 | 10 | 25 | 1 | cpr. | cidodrom | 45 | * | |
| Stornoway ... | 17·3 | -20 | SSW | 6 | dd | 48 | 48 | 6 | 5 | 7 | - | 8 | 4 | 6 | 10 | 15 | 0 | bccid. | cidodom | 46 | 41 | – |
| Cape Wrath | 15·3 | -16 | SW | 5 | ir6 | 45 | 45 | 7 | 5 | 2 | - | 8 | 5 | - | 8 | - | 2 | c | cir | 45 | * | 1 |
| Dalwhinnie | 23·3 | -4 | WSW | 5 | bc | 43 | 38 | 7 | 5 | - | - | 4 | 4 | - | 25 | - | | * | coirbc | | | |
| Aberdeen ... | 22·9 | -14 | S | 3 | c | 45 | 39 | 8 | 5 | 3 | 8 | 7 | 2 | 7 | 40 | - | 0 | b | bc | 44 | 36 | – |
| Fraserburgh | 22·1 | -8 | SSW | 3 | c.bc | 43 | 39 | 8 | - | 7 | 8 | 5 | 1 | 5 | - | - | 0 | bco | c | 42 | | – |
| Alness ... | 20·8 | -14 | W | 2 | c.bc | 50 | 43 | 8 | 5 | - | - | 5 | 5 | - | 25 | - | 1 | bcprocir. | cbcc | 48 | 42 | Tr |
| Wick ... | 18·6 | -14 | WSW | 5 | b.bc | 47 | 40 | 8 | 4 | 3 | - | 3 | 2 | 3 | 25 | - | 1 | bccp | cbc | 45 | 42 | – |
| Hatston ... | 16·5 | -8 | WSW | 8 | 2 | 48 | 43 | 7 | 8 | 3 | - | 4 | 3 | 3 | 20 | - | 1 | irdcy | bccepbc | 46 | * | – |
| Sumburgh ... | 13·5 | -4 | W'S | 7 | 2 | 46 | 45 | 6 | 5 | 3 | - | 5 | 3 | 1 | 7 | 25 | 1 | ir.idcmidocmo | | 45 | 42 | 0·3 |
| Sullom Voe | 11·8 | -4 | SW'S | 7 | c/d | 47 | 46 | 6 | 5 | 2 | - | 7 | 4 | 7 | 9 | 15 | 1 | cddm. | crrdodomc | 45 | 44 | 8 |
| Blacksod Point † | 27·0 | -14 | SW | 6 | c | 51 | 47 | 7 | 6 | - | - | 8 | 8 | - | 8 | - | 1 | c | c | 45 | | Tr |
| Malin Head † | 25·4 | -14 | SW | 5 | ir6 | 48 | 46 | 8 | 5 | - | - | 6 | 6 | - | 15 | - | 1 | | r | 47 | * | 0·3 |
| Aldergrove | 29·9 | -8 | S | 3 | c | 45 | 42 | 8 | 5 | - | - | 7 | 7 | - | 35 | - | 1 | cpr | c | 44 | 41 | 2 |
| Cas. Archdale | 28·9 | -12 | SSW | 5 | c | 47 | 45 | 7 | 5 | - | - | 7 | 4 | 6 | 8 | 25 | 1 | air. | cirocmoc | 46 | 43 | 0·3 |
| Birr Castle ... † | 31·2 | -4 | SSW | 1 | c | 46 | 40 | 8 | 5 | 1 | - | 7 | 5 | - | 26 | - | 1 | * | c | 44 | 40 | – |
| Collinstown † | 31·8 | -8 | SW'S | 3 | c.bc | 43 | 39 | 8 | 8 | - | 3 | 5 | 5 | - | 26 | - | 1 | c | bc | 43 | 40 | Tr |
| Foynes ... † | 31·4 | -8 | S | 1 | c | 48 | 44 | 8 | 5 | 3 | - | 6 | 4 | - | 40 | - | 1 | c | c | 43 | 39 | Tr |
| Valentia ... † | 32·3 | -2 | SSW | 3 | c | 50 | 48 | 8 | 5 | - | - | 8 | 8 | - | 7 | - | 1 | c | c | 47 | 42 | Tr |
| Roches Point † | 33·8 | -4 | WSW | 3 | c | 47 | 46 | 8 | 5 | - | - | 6 | 6 | - | 15 | - | 1 | c | c | 46 | * | 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.
‡ Second figure in col. (33) gives depth of snow in inches.