

THE DAILY WEATHER REPORT

BRITISH SECTION

1st October to 31st December

1939



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

INTRODUCTION

The Daily Weather Report has been issued in three sections since April 1, 1919. The section of which this forms the Introduction is known as the "British Section."

NOTES REGARDING THE BRITISH SECTION.

Description of each issue:—The British section is issued daily by 12.30 p.m. (except that Sunday's issue is printed on Monday) and contains—

(a) On pp. 1 and 4 two tables of observations taken generally at 13h. and 18h. G.M.T. of "yesterday," and at 1h. and 7h. G.M.T. of "to-day" from about 45 stations in the British Isles, which regularly report to the Meteorological Office, and of the weather in the intervening intervals. These observations are telegraphed in a figure and letter code. The stations are arranged according to Forecast Districts as described at the foot of p. 2 of the report, and also 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 at the foot of pp. 1 and 4, where the column numbers are shown in connexion with each of the separate classes of observation.

(b) Observations made at nine London Stations during the 24 hours ending 7h. or 9h.

(c) Table of atmospheric pollution for "yesterday" for South Kensington and Kew Observatory.

(d) Observations for "yesterday evening" and "this morning" from five capital cities on the Continent of Europe.

(e) On p. 2, a table of weather reports from British health resorts for the previous day, arranged under forecast districts.

(f) A weather chart (scale 1 : 10,000,000) for the British Isles and the neighbouring parts of the Continent and of the Atlantic. An explanation of the chart is printed below it.

(g) A "general inference" drawn up by the forecaster from all the weather charts available. This inference sets out the meteorological changes in progress and the deductions to be drawn from them.

(h) Weather forecasts for the 24 hours commencing 12 noon of the day of issue for 20 districts into which the British Isles are divided.

(i) A "further outlook," i.e., an indication of the changes to be expected after the expiry of the term of the forecasts, if the meteorological conditions are such as to warrant the issue of such an extension.

(j) On p. 3, a weather chart for the greater part of the Northern Hemisphere, including the whole of Europe, part of N. Africa, the Northern part of the N. Atlantic, N. America and usually a part of Russia in Asia.

The observations presented on this chart are not synchronous, but as from 1st January, 1938, a change was made which gives approximately synchronous observations over a larger area than formerly.

Till the end of December, 1937, the chart could be divided into the following three sectors as regards hour of observation.

| Sector. | Hour of Observation. |
|--------------------------------------|---------------------------------|
| U.S.S.R. (approx. 170° E. to 30° E.) | 7h. local time. |
| 30° E. to 40° W. | 6h. or 7h. G.M.T. (Azores 8h.). |
| 40° W. to 170° W. | oh. or 1h. G.M.T. |

From January 1st, 1938, these have been reduced to the two sectors:—

| Sector. | Hour of Observation. |
|---------------------------------------|----------------------|
| U.S.S.R. (approx. 170° E. to 30° E.). | rh. local time. |
| 30° E. to 170° W. | oh. or 1h. G.M.T. |

The improvement in the charts effected by this change is most marked over mid-Atlantic. Previously a difference of six hours had existed between observations from ships on opposite sides of the lines of longitude 40° W.

The gain in one respect has meant a sacrifice in another. The network of land stations in Europe and Africa making observations at 1h. is not so close as that of stations observing at 7h. This is particularly notable in Scandinavia, the Balkans and North Africa.

In the case of Iceland entries of weather, temperature and wind do not now appear on the chart, but pressure values at 1h. G.M.T. are available and are used in drawing the isobars.

Wind:—The force of the wind is indicated in each issue of the Report by figures on the Beaufort Scale. The equivalents between numbers of the Beaufort Scale and the indications of an anemometer when exposed at a height of 30 to 40 feet above the ground are set out at the foot of p. 2 of each issue. Stations where such anemometers are installed determine their Beaufort numbers from their anemometers. At stations where anemometers are not in use, the force of the wind is estimated by means of the specification set out below. All wind directions are "true" or geographical, as distinguished from "magnetic."

Gale Warnings:—A note regarding the meaning of gale warnings and the method of indicating in the Report to what districts warnings may have been issued is also shown below.

THE INTERNATIONAL AND UPPER AIR SECTIONS.

The other two sections of the Daily Weather Report are Royal quarto in size.

The International Section contains 4 pp. per day and is issued daily by 3.30 p.m., but the issues for Saturday and Sunday are made on Monday. The "International Section" contains information received from the Continent of Europe, the Mediterranean Basin, Iceland and the Azores, and from ships on the Atlantic, arranged as follows:—

- (a) Two weather maps (Scale 1 : 20,000,000) for Europe, the Mediterranean and Eastern Atlantic for 18h. yesterday and 7h. to-day.
- (b) Two inset maps (Scale 1 : 20,000,000) for Northwest Europe for 13h. yesterday and 1h. to-day.
- (c) Table of meteorological observations taken at about 80 stations, mostly on the Continent of Europe (not for the British Isles).
- (d) Table of meteorological observations received by Wireless Telegraphy from Ships on the Northern Atlantic.

This section is very useful to one who wishes to trace the passage of various weather systems, since the 4 charts for each 24 hours enable the reader to follow the course of events in detail. From 1st March, 1933, the positions of well-defined warm, cold and occluded fronts have been indicated on the weather maps.

Upper Air Section:—The third section, called the "Upper Air Section" consists of 2 pp. Royal quarto per day and the issue for "yesterday" is published immediately prior to the issue of the British Section for "to-day." It contains maps, diagrams and tables showing upper air currents, pressures and temperatures over the British Isles and the Continent of Europe.

THE BEAUFORT SCALE OF WIND FORCE

| Beaufort Number. | Admiral Beaufort's General Description of Wind. | Specification for use on Land, based on observations made at British Land Stations. | Limits of Mean Velocities Statute Miles per Hour as recorded by well exposed anemometers about 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 | 55-63 |
| 11 | Storm | Very rarely experienced; accompanied by widespread damage | 64-75 |
| 12 | Hurricane | | Above 75 |

GALE WARNINGS

The Meteorological Office issues warnings to ports and fishing stations of gales on or near the coasts of the British Isles. When one of these notices has been received at a station a black canvas cone is hoisted. The Signals remain hoisted after the receipt of a warning telegram until danger of a gale is 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.

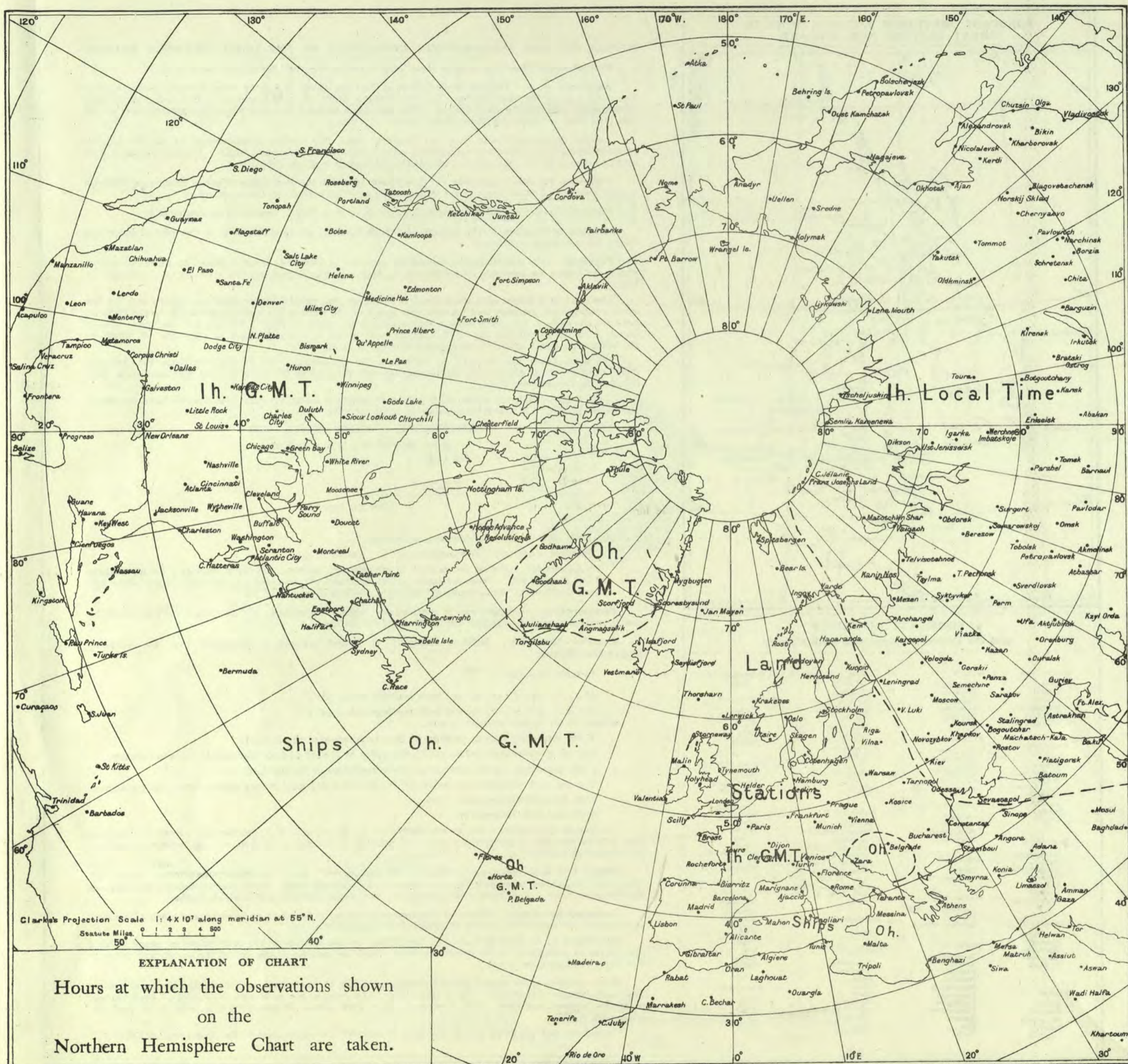
For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

The districts to which warnings are sent are shown in the Report by the following symbols written on page 2 against the forecast districts to which they apply:—

▲ North Cone hoisted :

▼ South Cone hoisted :

The time or times of issue of the gale warning telegrams is shown below the "further outlook" on page 2 of the Report.



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. | 6. Wales, S. Glamorgan. Brecknock. Cardiff. Pembroke. Cardigan. Radnor. | 12. Scotland, S.W., and Isle of Man. Isle of Man. Dumfries. Kirkcudbright. Wigtown. Ayr. Lanark. Renfrew. Dumbarton. Stirling. | 16. Orkneys and Shetlands. |
| 2. England, E. Essex. Middlesex. Hertford. Bedford. Huntingdon. Cambridge. Suffolk. Norfolk. Lincoln. | 7. Wales, N. Montgomery. Merioneth. Flint. Denbigh. Carnarvon. Anglesey. | 13A. Scotland, W. Argyll. Bute. | 17. Ireland, N.W. Galway. Roscommon. Mayo. Sligo. Leitrim. |
| 3. Midlands, E. Buckingham. Oxford. Northampton. Warwick. Leicester. Rutland. Nottingham. | 8. England, N.W. Cheshire. Lancashire. Westmorland. Cumberland. | 13B. Scotland, N.W. Hebrides. Western parts of Inverness. Ross and Cromarty. Sutherland. (Boundary line runs from Rannoch Station through Fort Augustus, Beaulieu and Lairg to Melvich.) | 18. Ireland, N.E. Meath. West Meath. Longford. Cavan. Fermanagh. Monaghan. Louth. Armagh. Down. Antrim. Londonderry. Tyrone. Donegal. |
| 4. Midlands, W. Gloucester. Hereford. Worcester. Shropshire. Stafford. | 9. Midlands, N. Derby. Yorkshire, W. | 14. Mid Scotland. Perth. | 19. Ireland, S.E. Waterford. Wexford. Kilkenny. Carlow. Wicklow. Offaly. Leix. Kildare. Dublin. |
| 5. England, S.W. Dorset. Somerset. Monmouth. Devon. Cornwall. | 10. England, N.E. Yorkshire, N. & E. Durham. Northumberland. | 15. Scotland, N.E. Kincardine. Aberdeen. Banff. Elgin. Nairn. Caitness. Eastern parts of Inverness. Ross. Sutherland. | 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.

Stations.—*Kew.*—Temperature readings at Kew are taken in a large louvered 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.

Valentia.—The observations at 1h. G.M.T. are taken at the Post Office Wireless Station on Valentia Island, those at all other hours at the Observatory near Cahirciveen on the mainland.

Point of Ayre.—The first observations are made at 0030 G.M.T. instead of at 0100 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 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1,015 mb; if, however, the isobars are ½ inch apart the corresponding speed is 24 m.p.h.

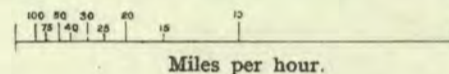
The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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 SCALE FOR

8 mb isobars on 1 : 4 × 10⁷ Charts.

or 2 mb „ „ 1 : 10⁷



This scale applies under the following conditions:—

Pressure, 1,015 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 formulae:—

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

$$x = f - .444 (t - t') \text{ for wet bulb readings above } 32^\circ \text{ F.}$$

$$x = f - .400 (t - t') \text{ for wet bulb readings below } 32^\circ \text{ F.}$$

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 entries in columns 7 and 21 are limited to 10, 25, 35, etc., to 85, 92 and 97. Entry 10 indicates that relative humidity is between 0 and 19; 25, between 20 and 29;and so on; 92, between 90 and 94; 97 between 95 and 100.

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).

The entries in the British Section of the Report for the stations in the main tables on pages 1 and 4 are compared with those in the returns received from the stations at the end of the month and errors in the Report so found are noted.

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," (2nd Edition, 1930), to be purchased from H.M. Stationery Office, York House, Kingsway, W.C.2, price 3s. 2d. post free. (Reprinted 1938.)

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

Abnormally wet in the South and East, Dry in most other districts.

A belt of high pressure from Iceland to Scotland maintained fair weather over most of the British Isles for the first few days of the month. After the 3rd depressions moved towards Ireland and remained almost stationary there. Squally showery weather was experienced particularly in Scotland until the 13th. On the 14th a very vigorous centre developed over the mouth of the Thames. Much rain fell in Southeast England. A ridge of high pressure then commenced to build up across the British Isles and moved northwards but during this process abnormal rainfall with heavy thunderstorms occurred on the 17th 18th in a narrow belt extending from Cheshire to Berkshire. The heaviest falls were in Southern Midlands and were succeeded by severe flooding. On the 18th a depression moved northeast across France and maintained unsettled weather in Southern England. On the 23rd a deep trough associated with a depression over Greenland moved across the British Isles to Scandinavia. Weather became unsettled with wintry showers and local thunderstorms which were intensified on the 28th and 29th by the westward movement of depressions from Germany across North France.

Temperature remained normal until the 18th but fell for a period towards the end of the month. Sharp ground frosts were recorded in many places. Between the 15th and 20th minimum

temperatures in Ireland were well below normal. Valentia Screen temperature fell to 34°F on the 17th as against a normal minimum of 48°F.

Rainfall exceeded the normal in Eastern and Southern England including the Southern Midlands. Croydon, Lympne, Shoeburyness and Tynemouth gave their highest totals ever recorded for October. Elsewhere rainfall was below normal and at Birr only 30% of the normal. Aldergrove reported the driest October on record.

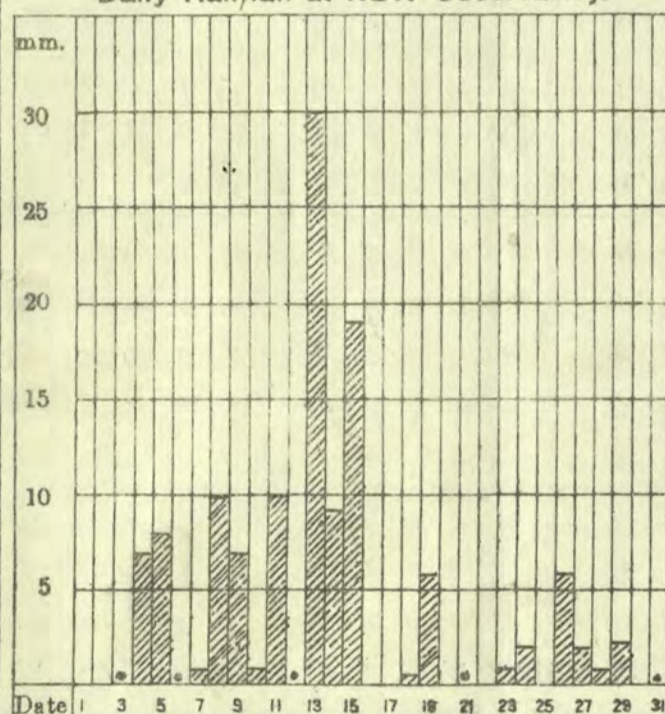
Correspondingly sunshine values were below normal in the South and East and above normal elsewhere. The sunshine at Stornoway was only 1 hour less than the highest October record.

Gales were recorded on Southwest coasts on the 4th and 5th and at Gorleston on the 27/28th. Gales persisted in Northeast Scotland from the 4th until the 11th. Wick reported a continuous gale of 65 hours from the 4th.

Thunderstorms occurred in Southeast England on the 4th and 5th and in the Midlands on the 16th and 17th. Thunderstorms or thundery showers of rain or hail were frequent over most of the country from the 25th to the 31st.

There were no periods of widespread fog.

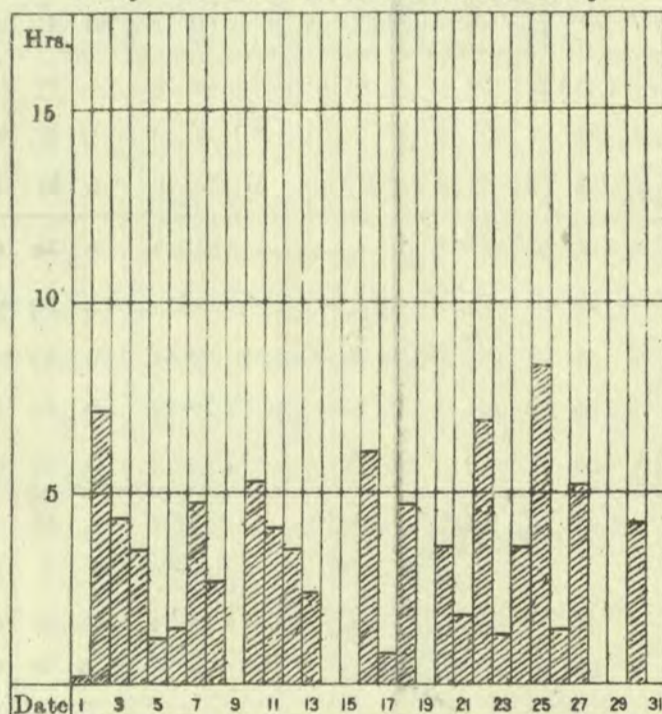
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

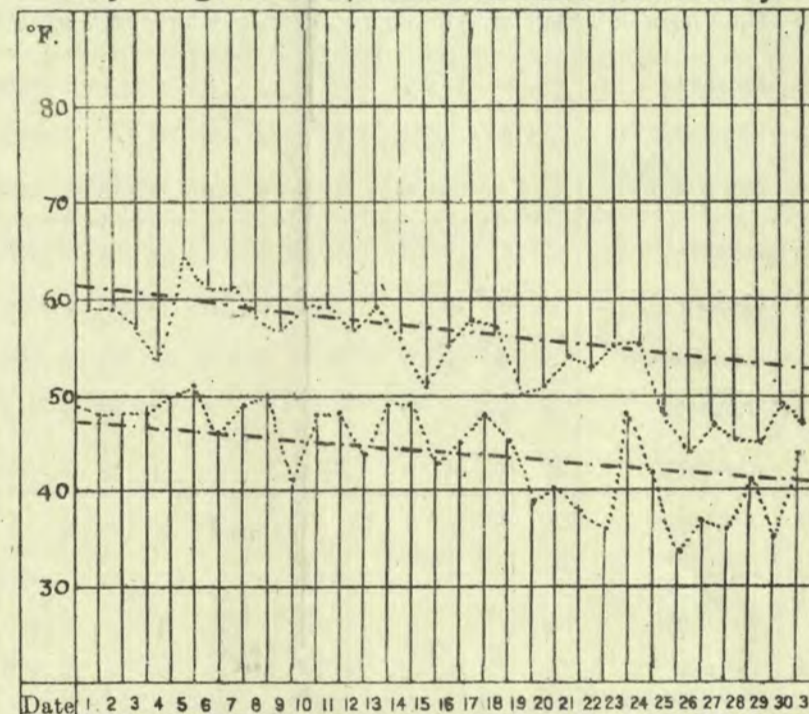
RAINFALL. Total for Month. 125 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 90 hrs.

Daily Range of Temperature at KEW Observatory.



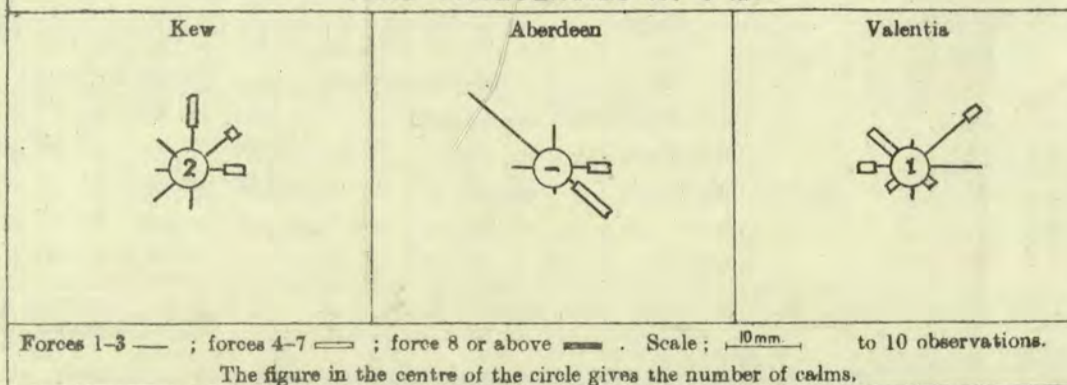
TEMPERATURE. The peaked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

| STATIONS. | PRESSURE | | TEMPERATURE | |
|-----------|------------|-------------------------|-------------|-------------------------|
| | Mean | Difference from average | Mean | Difference from average |
| Kew | mb. 1012.0 | mb. -2.0 | °F. 47.7 | °F. -3.9 |
| Aberdeen | 1016.5 | +5.5 | 46.3 | -1.5 |
| Valentia | 1012.4 | -0.2 | 50.1 | -2.6 |

*Pressure—The mean is for the 24 hours. It is derived from values at 7 h. and 18 h. daily corrected.
Temperature—mean of Max. and Min.

WIND FREQUENCIES AT 7 hr.



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

| | miles. |
|--------------|--------|
| Kew ... | 6.794 |
| Aberdeen ... | 7.261 |
| Lerwick ... | 12.660 |
| Valentia ... | 8.427 |

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY.

| DISTRICT. | STATIONS. | ↑ TEMPERATURE. | | | | | | | | | | | | LOW CLOUD. | | | | | | FOG, MIST and GOOD VISIBILITY. | | | | | |
|--|---|---|----------------------|-----------------------|----------------------|------------------|---|---|---|---|------------------|-----------------------|----------------------|---|----------------------|--------------------------|---|---|---|---|---|---|---|--|--|
| | | Number of daily readings within fixed limits. | | | | | | Extremes—Warmest and Coldest. | | | | | | Number of observations within fixed limits. | | | | | | Number of observations within fixed limits. | | | | | |
| | | | | | | | | Days. | | | | Nights. | | | | | | | | 7 h. | | | 13 h. | | |
| | | Maximum. | | | | Average Maximum. | Minimum. | | | | Average Minimum. | Highest Max. Date. | Lowest Max. Date. | Highest Min. Date. | Lowest Min. Date. | Number of Ground Frosts. | Below 1,000 ft. 1,000-5,000 ft. 5,000-8,000 ft. | Below 1,000 ft. 1,000-5,000 ft. 5,000-8,000 ft. | Below 1,000 ft. 1,000-5,000 ft. 5,000-8,000 ft. | Below 1,000 ft. 1,000-5,000 ft. 5,000-8,000 ft. | Dense fog. Thick fog. Fog. Mist. Good Visibility. | Dense fog. Thick fog. Fog. Mist. Good Visibility. | | | |
| 33°-41° 42°-50° 51°-59° 60°-68° | 23° or below 24°-32° 33°-41° 42°-50° 51°-59° | Highest Max. Date. | Lowest Max. Date. | Highest Min. Date. | Lowest Min. Date. | | Below 1,000 ft. 1,000-5,000 ft. 5,000-8,000 ft. | Below 1,000 ft. 1,000-5,000 ft. 5,000-8,000 ft. | Below 1,000 ft. 1,000-5,000 ft. 5,000-8,000 ft. | Dense fog. Thick fog. Fog. Mist. Good Visibility. | | | | | | | | | | | | | Dense fog. Thick fog. Fog. Mist. Good Visibility. | | |
| 1 | London (Kew Obsy). Croydon Calshot** (Southampton) Lympe | 0 8 20 3 | 57.5 | 0 0 10 20 1 | 45.7 | 64 5 44 26 | 51 6 34 26 | 6 | 4 25 0 | 1 30 0 | 3 28 0 | 0 4 2 2 4 | 0 0 0 1 12 | | | | | | | | | | | | |
| | | 0 8 19 4 | 57.0 | 0 2 11 18 0 | 45.1 | 66 5 44 26 | 49 3 30 26 | 5 | 7 20 0 | 3 28 0 | 2 26 0 | 0 1 3 6 4 | 0 0 3 2 7 | | | | | | | | | | | | |
| | | 0 6 16 9 | 58.1 | 0 0 11 16 4 | 47.3 | 67 11 46 26 | 53 6 35 26 | 0 | 6 17 3 | 2 26 3 | 5 23 0 | 0 0 1 3 10 | 0 0 0 0 21 | | | | | | | | | | | | |
| | | 1 7 21 2 | 56.5 | 0 1 8 22 0 | 45.4 | 63 5 39 27 | 50 1.5 30 26 | 2 | 12 16 0 | 6 24 0 | 2 24 2 | 0 0 4 0 9 | 0 0 1 1 17 | | | | | | | | | | | | |
| 2 | Shoeburyness... | 0 8 17 6 | 58.4 | 0 1 9 17 4 | 45.1 | 63 6 46 16 | 53 1 32 26 | 4 | 5 24 1 | 3 26 0 | 4 23 2 | 0 0 1 2 16 | 0 0 1 0 24 | | | | | | | | | | | | |
| | Gorleston ... | 0 7 21 2 | 57.1 | 0 0 3 22 6 | 46.5 | 61 6 47 26 | 54 6 35 26 | 0 | 0 29 0 | 1 29 0 | 3 26 0 | 0 0 2 0 13 | 0 0 0 1 17 | | | | | | | | | | | | |
| | Cranwell ... | 0 9 20 2 | 56.1 | 0 1 19 11 0 | 43.0 | 62 5 42 26 | 48 14 32 26 | 3 | 10 16 3 | 8 21 1 | 6 16 1 | 0 3 1 3 8 | 0 0 0 1 16 | | | | | | | | | | | | |
| 3 | Birmingham ... (Edgbaston) | 0 11 17 3 | 54.5 | 0 0 17 14 0 | 44.2 | 63 5 42 29 | 49 6 33 28 | 9 | 12 10 0 | 9 21 0 | 6 18 0 | 2 0 5 9 1 | 1 0 1 3 6 | | | | | | | | | | | | |
| 4 | Ross-on-Wye ... | 0 8 17 6 | 56.7 | 0 3 18 9 1 | 44.2 | 63 5 43 29 | 52 6 26 21 | 8 | 4 22 0 | 2 27 0 | 3 27 0 | 0 2 2 3 11 | 0 0 0 2 15 | | | | | | | | | | | | |
| 5 | The Lizard ... | 0 0 25 6 | * | 0 0 4 21 6 | * | 62 12 51 27.28 | 55 5 36 28 | * | 5 29 0 | 0 31 0 | 0 31 0 | 0 0 0 0 29 | 0 0 0 0 28 | | | | | | | | | | | | |
| 7 | Holyhead ... | 0 6 23 2 | 55.5 | 0 0 2 23 6 | 49.5 | 62 5 48 30 | 53 11 40 21 | 0 | 1 30 0 | 1 29 1 | 1 27 2 | 0 0 0 0 29 | 0 0 0 0 29 | | | | | | | | | | | | |
| 8 | Chester ... (Sealand) | 0 8 19 4 | 56.5 | 0 6 16 8 1 | 43.8 | 65 5 44 28 | 51 6 30 20 | 7 | 4 18 0 | 1 30 0 | 2 25 2 | 0 4 3 4 0 | 0 0 0 1 11 | | | | | | | | | | | | |
| 10 | Tynemouth ... | 0 7 24 0 | 54.6 | 0 0 4 23 4 | 45.3 | 57 6 46 25 | 53 6 35 25 | 0 | 1 30 0 | 0 31 0 | 0 31 0 | 0 0 2 0 14 | 0 0 1 0 23 | | | | | | | | | | | | |
| 11 | Leuchars ... | 0 8 23 0 | 53.8 | 0 2 13 12 4 | 41.4 | 58 6 46 26 | 53 7 31 17 | 14 | 6 24 1 | 4 26 1 | 6 23 1 | 0 0 0 0 25 | 0 0 0 0 26 | | | | | | | | | | | | |
| 12 | Renfrew ... | 0 8 22 1 | 53.6 | 0 11 10 10 0 | 41.9 | 60 7 46 26 | 50 11 26 3 | 12 | 4 25 1 | 2 27 0 | 4 26 1 | 0 2 7 2 17 | 0 0 3 1 19 | | | | | | | | | | | | |
| | Eskdalemuir ... | 0 13 18 0 | 51.1 | 2 5 12 12 0 | 39.6 | 57 6 43 27 | 47 11 22 26 | 12 | 12 17 1 | 7 24 0 | 5 26 0 | 0 1 0 1 23 | 0 0 0 0 24 | | | | | | | | | | | | |
| 13 | Stornoway | 0 9 22 0 | 51.7 | 0 0 13 14 4 | 42.7 | 59 6 42 26 | 54 7 36 26 | * | 1 30 0 | 0 30 1 | 0 29 1 | 0 0 0 0 30 | 0 0 0 0 31 | | | | | | | | | | | | |
| 15 | Aberdeen ... | 0 10 21 0 | 53.0 | 0 2 15 12 2 | 42.6 | 57 21 43 25 | 53 7 31 18 | 7 | 5 25 1 | 2 26 0 | 5 24 0 | 0 0 2 0 19 | 0 0 0 0 24 | | | | | | | | | | | | |
| 18 | Aldergrove ... | 0 6 24 1 | * | 0 7 8 16 0 | * | 60 11 49 21.26 | 49 6.11 12 27 29 | 11 | 6 23 2 | 2 28 0 | 1 29 0 | 0 0 0 0 22 | 0 0 0 0 26 | | | | | | | | | | | | |
| 19 | Dublin ... (Phoenix Park) Birr Castle ... | 56.5 | | 41.9 | | 62 5 47 29 | 53 22 23 29 | 16 | * * * | * * * | * * * | * * * * * | * * * * * | | | | | | | | | | | | |
| | | 0 6 21 4 | 55.8 | 1 7 9 13 1 | 43.7 | 62 5 47 29 | 53 22 23 29 | 16 | 1 23 0 | 1 29 0 | 5 21 0 | 0 0 0 0 27 | 0 0 0 0 31 | | | | | | | | | | | | |
| 20 | Valentia ... (Cahiriveen) | 0 5 22 4 | 56.5 | 0 1 10 11 9 | 48.8 | 62 5 46 29 | 52 11.13 21.24 25 | 5 | 1 25 1 | 0 30 0 | 3 27 1 | 0 0 0 0 30 | 0 0 0 0 31 | | | | | | | | | | | | |

[illegible]

† The readings and averages used, are, except in the case of Phoenix Park, the maximum for the period 7 h.-18 h., and the minimum for the period 18 h.-7 h. The readings and averages for Phoenix Park are for daily periods ending 21 h. Averages are for periods of at least 10 years (See M.O. 364).

* Winds of 0-5 km./hr. are included in the number of observations. *5 One observation missing*
 METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON, W.C.2.
 N. K. JOHNSON D.Sc., A.B.C.S., Director.

SUNSHINE, RAINFALL, AND HUMIDITY OCTOBER 1939.

Page 3.

| DISTRICT. | STATIONS. | SUNSHINE. | | | | | | | | | | | | RAINFALL. | | | | | | | | | | | | Days with Thunder. | Days with Snow or Sleet. | | | | | | | | | | | | | | | | | | | | |
|-----------|--|-------------------------------|--------------------|--------------------|------------------|------------------|---------------------------|---------------------------|------------------------------|-------------------------|--------------------------|--|------------------------------|---------------------------|-------------------------------|-------------------------|------------------------------|--------------------------|-------------------|--------------------------|--|------------------|--------------------------|-----------------------|----------------------|--------------------------|-----------------------------|--------------------------|---------------------------|------------------------------|--------------------------|------------------------------|---------------------|------------------------------|------------------|------------------|-----|-------|---------------------------|--------------------------|-------------------|--------------------------|-----------------------|----------|-------|---------|-------|
| | | Number of Days with Duration. | | | | | Maximum Duration. | Total for past 12 months. | Difference from average. | Total for Month. | Difference from average. | Highest and Lowest Totals on record for Month. | | | † Number of days with amount. | Maximum fall in 24 hrs. | Total for past 12 months. | Difference from Average. | Total for Month.† | Difference from Average. | Highest and Lowest Totals on record for Month. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Nil. | 0.1—3h. | 3.1—6h. | 6.1—9h. | Above 9h. | | | | | | Hours. | Date. | Total for past 12 months. | | | | | | | Difference from average. | Total for Month. | Difference from average. | First year of record. | Highest. | | | Year. | Lowest. | Year. | 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. | mm. | Date. | Total for past 12 months. | Difference from Average. | Total for Month.† | Difference from Average. | First year of record. | Highest. | Year. | Lowest. | Year. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew Obsy). Croydon Calshot** (Southampton) Lympne | 7 5 8 6 | 9 12 9 12 | 11 11 8 9 | 4 3 5 4 | 0 0 1 0 | 8.3 7.5 10.2 8.0 | 25 16 2 22 | 1556 1520 1713 1786 | +87 -5 -33 +21 | 90 84 101 88 | -6 -20 -18 -31 | 1880 1922 1881 1921 | 153 184 178 184 | 1921 1921 1921 1921 | 50 75 62 76 | 1894 1934 1915 1934 | 12 8 14 5 | 5 8 1 6 | 4 7 6 7 | 8 5 5 5 | 1 1 3 4 | 1 2 2 4 | 30 33 32 40 | 13 13 13 27 | 705 851 757 911 | +99 +172 +111 +187 | 125 154 176 276 | +56 +78 +82 +177 | 1856 1921 1871 1920 | 156 148 281 206 | 1865 1923 1903 1932 | 11 17 15 7 | 1921 1921 1931 1921 | 1 0 2 4 | 0 0 0 1 | | | | | | | | | | | |
| 2 | Shoeburyness Gorleston Cranwell | 6 - 7 | 10 - 11 | 12 - 8 | 3 - 5 | 0 - 0 | 8.7 - 8.9 | 16 - 4 | 1671 - 1429 | -45 - -109 | 86 - 91 | -37 - -23 | 1919 1908 1921 | 191 183 160 | 1920 1920 1931 | 77 71 75 | 1934 1932 1937 | 11 9 15 | 3 6 4 | 8 5 5 | 5 7 6 | 3 4 1 | 1 0 0 | 25 18 17 | 11 10-16 9 | 642 724 680 | +139 +102 +90 | 173 158 89 | +113 +84 +16 | 1920 1871 1917 | 163 219 114 | 1932 1892 1924 | 12 7 14 | 1931 1920 1931 | 2 1 0 | 0 1 2 | | | | | | | | | | | |
| 3 | Birmingham (Edgbaston) | 8 | 8 | 13 | 2 | 0 | 7.2 | 3 | 1276 | -28 | 83 | -8 | 1887 | 149 | 1921 | 27 | 1894 | 12 | 6 | 9 | 3 | 0 | 1 | 26 | 17 | 821 | +147 | 85 | +14 | 1893 | 166 | 1903 | 12 | 1922 | 1 | 0 | | | | | | | | | | | |
| 4 | Ross-on-Wye | 5 | 12 | 7 | 5 | 2 | 9.3 | 20 | 1477 | -8 | 108 | +9 | 1915 | 156 | 1919 | 37 | 1915 | 15 | 4 | 9 | 2 | 1 | 0 | 17 | 8 | 735 | +18 | 60 | -24 | 1859 | 216 | 1907 | 14 | 1904 | 0 | 0 | | | | | | | | | | | |
| 5 | Falmouth (Observatory) | 3 | 10 | 6 | 9 | 3 | 9.8 | 2 | 1762 | +52 | 144 | +31 | 1881 | 159 | 1919 | 81 | 1886 | 15 | 6 | 4 | 4 | 1 | 1 | 34 | 8 | 1111 | +4 | 107 | -19 | 1871 | 274 | 1924 | 18 | 1931 | 0 | 0 | | | | | | | | | | | |
| 7 | Holyhead | 2 | 13 | 9 | 5 | 2 | 10.0 | 2 | 1669 | +119 | 113 | +16 | 1914 | 128 | 1922 | 61 | 1916 | 10 | 5 | 11 | 4 | 1 | 0 | 18 | 11 | 954 | +67 | 89 | -12 | 1871 | 265 | 1872 | 37 | 1879 | 2 | 0 | | | | | | | | | | | |
| 8 | Chester (Sealand) | 4 | 13 | 8 | 5 | 0 | 8.1 | 4 | 1459 | +83 | 95 | +4 | 1928 | 127 | 1931 | 72 | 1925 | 14 | 6 | 7 | 3 | 0 | 1 | 37 | 17 | 796 | +135 | 85 | +8 | 1922 | 121 | 1932 | 11 | 1922 | 1 | 0 | | | | | | | | | | | |
| 10 | Tynemouth | - | - | - | - | - | - | - | - | - | - | - | 1935 | - | - | - | - | 9 | 7 | 7 | 6 | 1 | 1 | 20 | 9 | 727 | +106 | 144 | +68 | 1915 | 106 | 1919 | 31 | 1922 | 4 | 1 | | | | | | | | | | | |
| 11 | Leuchars | 7 | 6 | 11 | 7 | 0 | 8.1 | 3 | 1407 | -63 | 110 | +4 | 1922 | 139 | 1926 | 73 | 1935 | 11 | 5 | 12 | 1 | 1 | 1 | 30 | 9 | 717 | +64 | 89 | +23 | 1922 | 158 | 1932 | 25 | 1931 | 0 | 0 | | | | | | | | | | | |
| 12 | Renfrew | 5 | 13 | 8 | 5 | 0 | 9.0 | 2 | 1242 | +49 | 92 | +14 | 1921 | 102 | 1923 | 47 | 1935 | 19 | 4 | 6 | 0 | 1 | 1 | 31 | 9 | 997 | +58 | 63 | -24 | 1921 | 211 | 1935 | 51 | 1922 | 0 | 0 | | | | | | | | | | | |
| | Eskdalemuir | 6 | 7 | 13 | 4 | 1 | 9.9 | 2 | 1190 | -11 | 109 | +26 | 1910 | 119 | 1931 | 51 | 1935 | 11 | 7 | 8 | 4 | 1 | 0 | 24 | 9 | 1571 | +142 | 84 | -53 | 1910 | 300 | 1928 | 46 | 1914 | 1 | 2 | | | | | | | | | | | |
| 13a | Stornoway | 3 | 8 | 10 | 8 | 2 | 9.9 | 4 | 1309 | +94 | 134 | +57 | 1881 | 135 | 1898 | 34 | 1921 | 12 | 8 | 6 | 4 | 1 | 0 | 24 | 9 | 1111 | +155 | 83 | -49 | 1870 | 259 | 1874 | 47 | 1915 | 0 | 0 | | | | | | | | | | | |
| 15 | Aberdeen | 4 | 8 | 13 | 6 | 0 | 8.8 | 3 | 1291 | +38 | 109 | +15 | 1881 | 139 | 1923 | 47 | 1886 | 9 | 7 | 8 | 7 | 0 | 0 | 8 | 13 | 751 | +3 | 79 | +3 | 1871 | 169 | 1932 | 18 | 1899 | 0 | 1 | | | | | | | | | | | |
| 18 | Aldergrove | 0 | 18 | 2 | 10 | 1 | 10.2 | 2 | 1341 | * | 117 | * | 1927 | 114 | 1929 | 60 | 1934 | 11 | 8 | 10 | 2 | 0 | 0 | 11 | 5 | 911 | +73 | 51 | -25 | 1926 | 146 | 1938 | 59 | 1933 | 0 | 0 | | | | | | | | | | | |
| 19 | Dublin (Phoenix Park) | | | | | | | | | | | | 1881 | 160 | 1891 | 59 | 1916 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Birr Castle | 2 | 11 | 11 | 6 | 1 | 9.4 | 3 | 1348 | +42 | 118 | +28 | 1881 | 138 | 1899 | 45 | 1916 | 16 | 7 | 8 | 0 | 0 | 0 | 3 | 8 | 796 | -31 | 22 | -52 | 1862 | 185 | 1870 | 16 | 1869 | 0 | 0 | | | | | | | | | | | |
| 20 | Valentia (Cahiriveen) | 3 | 9 | 10 | 8 | 1 | 9.4 | 3 | 1553 | +185 | 140 | +50 | 1880 | 166 | 1880 | 50 | 1916 | 10 | 6 | 10 | 2 | 2 | 1 | 33 | 4 | 1281 | -133 | 106 | -36 | 1866 | 272 | 1916 | 51 | 1905 | 0 | 0 | | | | | | | | | | | |

MINIMUM SURFACE HUMIDITY. No. OF DAYS (MDT. TO MDT.) WITH MINIMA BETWEEN FIXED LIMITS.

| STATIONS. | 95 to 100 % | 90 to 94 % | 80 to 89 % | 70 to 79 % | 60 to 69 % | 50 to 59 % | 40 to 49 % | 30 to 39 % | 20 to 29 % | 0 to 19 % |
|------------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| London (Kew) | 0 | 0 | 2 | 8 | 12 | 6 | 3 | 0 | 0 | 0 |
| Ross-on-Wye | 0 | 1 | 4 | 7 | 9 | 9 | 1 | 0 | 0 | 0 |
| Falmouth (Obsy.) | 0 | 1 | 7 | 10 | 11 | 2 | 0 | 0 | 0 | 0 |
| Renfrew | 0 | 0 | 2 | 8 | 12 | 5 | 4 | 0 | 0 | 0 |
| Eskdalemuir | 0 | 1 | 1 | 4 | 11 | 13 | 1 | 0 | 0 | 0 |
| Aberdeen | 0 | 0 | 2 | 3 | 16 | 8 | 2 | 0 | 0 | 0 |
| Valentia | 0 | 0 | 1 | 6 | 7 | 14 | 3 | 0 | 0 | 0 |

STATE OF GROUND AT 18 h. No. OF DAYS EACH TYPE WAS RECORDED.

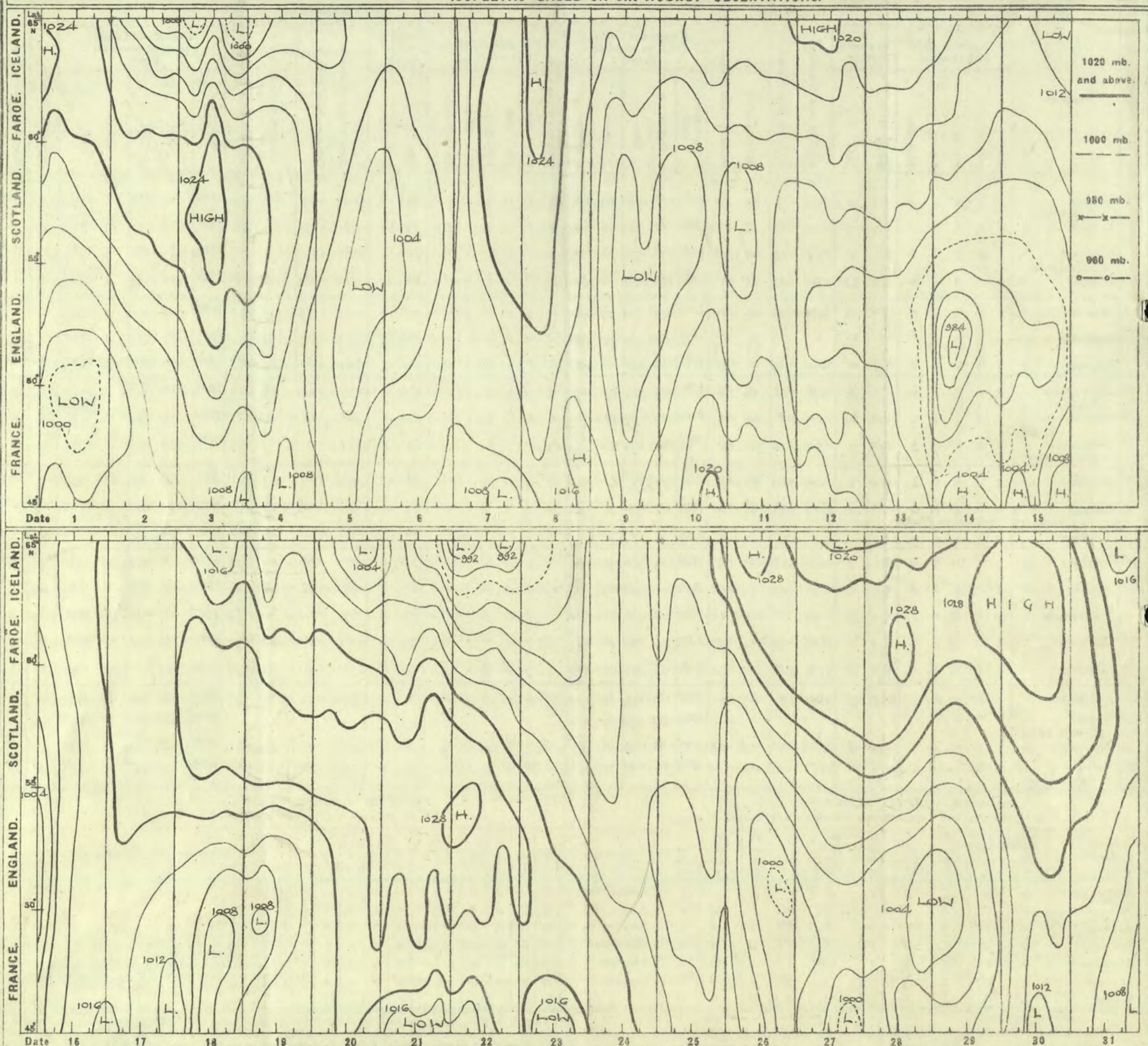
| STATIONS. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | CODE for State of Ground. |
|--------------|----|----|---|---|---|---|---|---|---|---|---|
| London (Kew) | 5 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 Dry. |
| Ross-on-Wye | 4 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 Wet. |
| Renfrew | 12 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 Flooded. |
| Eskdalemuir | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 Frozen hard and dry. |
| Aberdeen | 9 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 Partly covered with snow or hail. |
| Valentia | 10 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 Covered with ice or glazed frost. |
| | | | | | | | | | | | 6 Covered with thawing snow. |
| | | | | | | | | | | | 7 Covered with snow, less than 6 ins., but ground not frozen. |
| | | | | | | | | | | | 8 Covered with snow, less than 6 ins., and ground frozen. |
| | | | | | | | | | | | 9 Covered with snow, greater than 6 ins. deep. |

** The extremes of rainfall and sunshine from Calshot are supplemented by those from Southampton.

† 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 OCTOBER, 1939.

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h., 7h., 13h., and 19h. 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. 63° N., Long. 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.

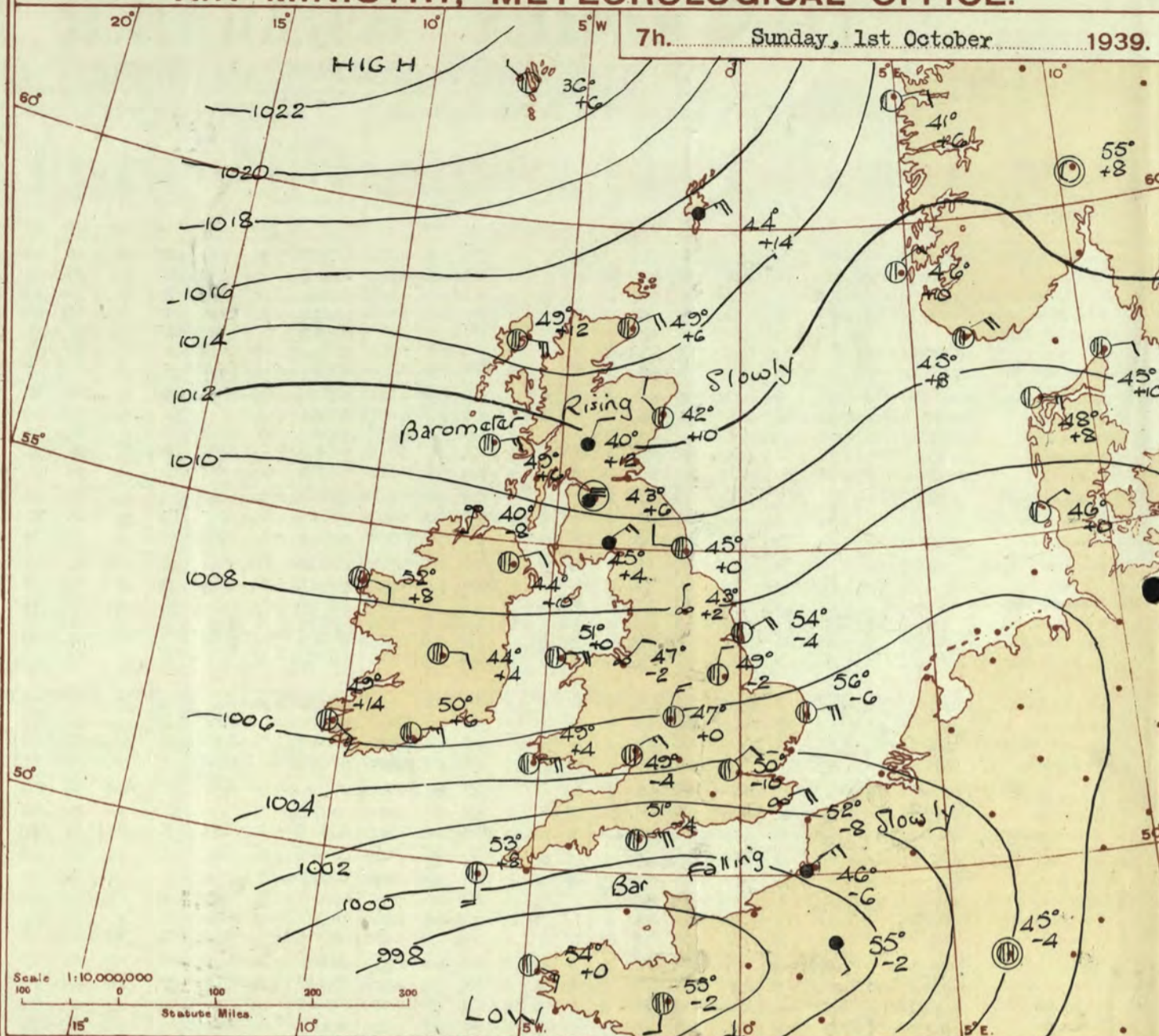
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday, 1st October, 1939.
No. 28437.

| OBSERVATIONS at 13h. G.M.T. 30th September | | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 30th September | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------------------|--------------------------------------|------------------------------|-------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|--------------------------------|-----------------------|---|------|--|-------------------------------|-------|------|------------------------|----------------------|---------------------|----------------------------|--------|-------|--------------------------------|-----------------------|---|------------------------------------|---------------------|----------|---------|----------|----------|----------|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | | State of Ground. 0-9 (29) | Sea. 0-9 (30) | WEATHER. | | | | | | | | | | | | | | | | | | | | |
| | | | | Dir. | Force. 0-12 (4) | | | | | Form. | Amount. Low 0-10 (11) | Total 0-10 (12) | Height of Base. (feet) (14) | | | | | Dir. | Force. 0-12 (18) | | | | | Form. | Amount. Low 0-10 (25) | Total 0-10 (26) | Height of Base. (feet) (28) | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1008.4 | -18 | ENE | 4 | c | 61 | 45 | 7 | - | - | 7-8 | 7-8 | 4000 | 1006.9 | -4 | ENE | 4 | z. | 53 | 55 | 6 | 5 | 7 | 6 | 4-6 | 7-8 | 2300 | 0 | * | bz.bcy | bz.y | bccz. | cz. | | | | | | | | | | | | | | | | |
| | Croydon ... | 1009.1 | -20 | E'S | 3 | bc | 53 | 65 | 8 | 1 | - | 4-6 | 4-6 | 4000 | 1007.0 | -10 | ENE | 4 | z. | 53 | 75 | 6 | 5 | 7 | 2 | 1 | 3 | 4000 | 0 | * | bm.bc | bcc | cm.bew | cm. | | | | | | | | | | | | | | | | |
| | S. Farnborough | 1008.0 | -20 | NE'E | 4 | z. | 61 | 55 | 6 | 4 | - | 4-6 | 4-6 | 4000 | 1006.1 | -6 | ENE | 3 | c | 54 | 65 | 6 | 5 | 7 | 6 | 3 | 3 | 5700 | 0 | * | Fbbcy | bccyz. | cm. | cm. | | | | | | | | | | | | | | | | |
| | Boscombe Down | 1007.3 | -22 | SEE | 3 | z. | 61 | 55 | 7 | 7 | - | 4-6 | 4-6 | 4000 | 1005.5 | +2 | ENE | 4 | z. | 54 | 65 | 6 | 5 | 7 | 2 | 0 | 4-6 | - | 0 | * | bm.bcy | bm.ycy | bm.cm. | cm. | | | | | | | | | | | | | | | | |
| | Calshot (Soton.) | 1007.3 | -22 | SEE | 3 | z. | 61 | 55 | 7 | 7 | - | 4-6 | 4-6 | 4000 | 1005.3 | 0 | ENE | 4 | z. | 56 | 75 | 6 | 5 | 7 | 2 | 0 | 4-6 | - | 0 | * | bm.bcy | bm.ycy | bm.cm. | cm. | | | | | | | | | | | | | | | | |
| | Lympne ... | 1009.4 | -14 | E | 5 | bc | 57 | 55 | 8 | 1 | - | 2-3 | 2-3 | 4000 | 1007.6 | -10 | ENE | 3 | c | 51 | 75 | 7 | 5 | 7 | 6 | 7 | 7-8 | 4000 | 0 | * | bm.bcy | bcc | bccz. | cz.m. | | | | | | | | | | | | | | | | |
| 2 | Manston ... | 1009.3 | -14 | E | 4 | bc | 58 | 65 | 7 | 5 | - | 4-6 | 4-6 | 4000 | 1006.7 | -10 | ENE | 4 | c | 54 | 75 | 7 | 5 | 7 | 7 | 4-6 | 7-8 | 4000 | 0 | * | bc | bcc | cc | cz. | | | | | | | | | | | | | | | | |
| | Shoeburyness ... | 1009.7 | -12 | E | 4 | bc | 60 | 65 | 8 | 2 | - | 4-6 | 4-6 | 2500 | 1007.6 | -10 | ENE | 4 | c | 55 | 75 | 8 | 4 | 7 | 7 | 4-6 | 10 | 2500 | 0 | * | cbc | bcc | c | c | | | | | | | | | | | | | | | | |
| | Felixstowe ... | 1010.3 | -10 | ESE | 4 | c | 62 | 55 | 8 | 1 | 3 | 1 | 4-6 | 4-6 | 4000 | 1008.1 | -10 | E | 4 | c | 56 | 65 | 8 | 1 | 7 | 7-8 | 7-8 | 2500 | 0 | 3 | cbey | bcc | c | c | | | | | | | | | | | | | | | | |
| | Gorleston ... | 1010.9 | -8 | ENE | 3 | c | 58 | 65 | 7 | 5 | - | 3+ | 3+ | 2500 | 1008.8 | -8 | NEE | 3 | c | 57 | 65 | 7 | 5 | 7 | 3 | 3+ | 3+ | 2500 | 0 | 2 | cy | bcc | cyc | cq | | | | | | | | | | | | | | | | |
| | Mildenhall ... | 1010.1 | -14 | E'N | 3 | c | 53 | 65 | 8 | 5 | - | 10 | 10 | 5700 | 1008.5 | -2 | ENE | 3 | c | 51 | 75 | 8 | 5 | 7 | 8 | 7-8 | 7-8 | 4000 | 0 | * | c | c | c | c | | | | | | | | | | | | | | | | |
| | Cranwell ... | 1010.8 | -14 | EN | 3 | c | 56 | 65 | 8 | 3 | - | 3+ | 3+ | 4000 | 1009.5 | -6 | ENE | 2 | c | 51 | 75 | 8 | 5 | 7 | 7 | 3+ | 3+ | 4000 | 0 | * | cbcc | c | c | c | | | | | | | | | | | | | | | | |
| 3 | Birmingham | 1009.6 | -14 | E | 3 | c | 53 | 65 | 8 | 7 | - | 3+ | 3+ | 2500 | 1008.0 | -6 | NE | 3 | z. | 53 | 75 | 6 | 5 | 7 | 1 | 7-8 | 3 | 4000 | 0 | * | c | c | c | c | | | | | | | | | | | | | | | | |
| | Upper Heyford | 1007.9 | -12 | EN | 3 | c | 58 | 65 | 7 | 7 | - | 1 | 7-8 | 7-8 | 2500 | 1008.0 | -8 | E | 2 | c | 53 | 75 | 7 | 5 | 4 | 5 | 4-6 | 7-8 | 2500 | 0 | * | cm.c | beyc | bcc | bcc | | | | | | | | | | | | | | | |
| 4 | Ross-on-Wye ... | 1008.2 | -24 | E | 3 | c | 60 | 65 | 8 | 7 | - | 7-8 | 7-8 | 4000 | 1006.8 | -6 | EN | 2 | c | 53 | 75 | 7 | 5 | 7 | 2 | 2-3 | 7-8 | 2500 | 0 | * | cm.cbc | bcc | bcc | c | | | | | | | | | | | | | | | | |
| | Hartland Point | 1005.3 | -14 | NE | 3 | c | 57 | 65 | 7 | 5 | - | 8 | 4-6 | 7-8 | 2500 | 1004.0 | 0 | NE | 3 | c | 57 | 75 | 7 | 5 | 6 | 4-6 | 7-8 | 2500 | 0 | 2 | bcc | c | c | c | | | | | | | | | | | | | | | | |
| 5 | Bristol ... | 1007.3 | -20 | E'S | 3 | bc | 61 | 55 | 7 | 4 | - | 1 | 4-6 | 4-6 | 4000 | 1005.5 | -4 | ENE | 3 | z. | 54 | 65 | 6 | 5 | 7 | 8 | 2-3 | 4-6 | 4000 | 0 | * | bm.bcy | bccyz. | cm.w | cm. | | | | | | | | | | | | | | | |
| | Portland Bill ... | 1007.0 | -20 | ENE | 4 | c | 58 | 85 | 8 | 5 | - | 7-8 | 7-8 | 4000 | 1003.8 | -6 | E | 5 | c | 58 | 85 | 7 | 5 | 7 | 3 | 7-8 | 10 | 2500 | 0 | 4 | c | c | c | c | | | | | | | | | | | | | | | | |
| | Plymouth ... | 1005.2 | -18 | E | 4 | z. | 59 | 65 | 6 | 8 | - | 6 | 2-3 | 7-8 | 2500 | 1003.4 | -8 | E'S | 3 | c | 57 | 65 | 8 | 5 | 7 | 0 | 3+ | - | 0 | 1 | bcz.c | bcz.c | c | c | | | | | | | | | | | | | | | | |
| | The Lizard ... | 1004.0 | -20 | E'S | 6 | c | 59 | 75 | 8 | 6 | - | 7-8 | 7-8 | 2500 | 1002.1 | -10 | E'S | 7 | c | 56 | 75 | 7 | 8 | 2 | 7 | 3+ | 2500 | 0 | 4 | bcc | c | c | c | | | | | | | | | | | | | | | | | |
| | Scilly (St. Mary's) | 1003.0 | -14 | ESE | 5 | c | 61 | 85 | 7 | 5 | 7 | 2 | 4-6 | 7-8 | 2500 | 1002.6 | -2 | E | 4 | c | 56 | 85 | 7 | 5 | 7 | 4-6 | 3+ | 2500 | 0 | 3 | c | c | c | c | | | | | | | | | | | | | | | | |
| | Guernsey ... | 1007.1 | -20 | SE'E | 6 | bcq | 58 | 65 | 6 | 7 | - | 0 | 4-6 | - | 1005.6 | -10 | E | 3 | c | 56 | 75 | 6 | 8 | 7 | 1 | 4-6 | 3 | 2500 | 0 | 2 | bcqz. | bcc | c | bcc | | | | | | | | | | | | | | | | |
| 6 | Pembroke ... | 1009.1 | -12 | - | 0 | c | 58 | 65 | 7 | 5 | - | 3+ | 3+ | 2500 | 1007.3 | -6 | ENE | 4 | c | 56 | 75 | 7 | 5 | 7 | 3 | 3+ | 3+ | 2500 | 0 | 2 | bcc | c | cm.c | c | | | | | | | | | | | | | | | | |
| | Holyhead ... | 1010.1 | -16 | ESE | 2 | c | 58 | 55 | 7 | 5 | - | 10 | 10 | 4000 | 1008.8 | -2 | ENE | 3 | z. | 53 | 75 | 5 | 5 | 7 | 3 | 3+ | 3+ | 2500 | 0 | * | m.wz.c | cycz. | cm.zm. | cm.z.w | | | | | | | | | | | | | | | | |
| 7 | Chester (Sealand) | 1010.1 | -16 | ESE | 2 | c | 58 | 55 | 7 | 5 | - | 10 | 10 | 4000 | 1009.3 | -6 | ENE | 3 | z. | 53 | 65 | 5 | 5 | 7 | 3 | 3+ | 3+ | 4000 | 0 | * | cz.fzy | cz.bccz. | cz.bccz. | cz.bccz. | | | | | | | | | | | | | | | | |
| | Manchester ... | 1010.3 | -10 | E | 3 | z. | 56 | 55 | 6 | 5 | - | 10 | 10 | 4000 | 1009.3 | -6 | ENE | 3 | z. | 53 | 65 | 5 | 5 | 7 | 3 | 3+ | 3+ | 4000 | 0 | * | cz.fzy | cz.bccz. | cz.bccz. | cz.bccz. | | | | | | | | | | | | | | | | |
| 10 | Spurn Head ... | 1011.8 | -8 | NE'E | 2 | c | 57 | 45 | 7 | 5 | - | 10 | 10 | 2500 | 1010.1 | -6 | ENE | 2 | bc | 51 | 65 | 7 | 5 | 7 | 2 | 0 | 2-3 | - | 0 | 2 | c | cbc | bcc | c | | | | | | | | | | | | | | | | |
| | Catterick ... | 1011.5 | -12 | - | 0 | z. | 56 | 55 | 6 | 5 | - | 3 | 3 | 5700 | 1010.1 | -8 | - | 0 | c | 50 | 75 | 7 | 5 | 3 | 3 | 3 | 3 | 4000 | 0 | * | m | cz.yc | bcc | c | | | | | | | | | | | | | | | | |
| 11 | Tynemouth ... | 1012.3 | -10 | NE | 2 | bc | 51 | 75 | 6 | 2 | - | 4-6 | 4-6 | 2500 | 1010.8 | -4 | NE | 2 | bc | 51 | 85 | 6 | 2 | 3 | 3 | 4-6 | 4-6 | 2500 | 0 | 1 | cb | bc | bcc | cbcc | | | | | | | | | | | | | | | | |
| | St. Abbs Head | 1012.4 | -6 | - | 0 | bc | 53 | 65 | 7 | 2 | 3 | 1 | 4-6 | 2500 | 1010.8 | -4 | NE | 2 | c | 51 | 65 | 7 | 4 | 7 | 4 | 4-6 | 3+ | 2500 | 0 | 1 | m.bcy | c | irc | irc | | | | | | | | | | | | | | | | |
| 12 | Leuchars ... | 1011.6 | -8 | - | 0 | c | 57 | 55 | 8 | 2 | 3 | 1 | 7-8 | 4000 | 1010.7 | -2 | ENE | 1 | c | 50 | 75 | 7 | 5 | 7 | 1 | 0 | 3+ | - | 0 | * | bcw/bcy | beyc | Pr.Rrc | cpr.r. | | | | | | | | | | | | | | | | |
| | Renfrew (Abbots I.) | 1011.6 | -18 | NNW | 1 | cf | 55 | 75 | 5 | 3 | - | 0 | 3 | - | 1010.6 | -2 | E'N | 2 | z. | 52 | 65 | 5 | 5 | 3 | 3 | 3 | 3 | 4000 | 0 | * | cf/bcc | cf/bcc | cm.fw | cpr.f. | | | | | | | | | | | | | | | | |
| 13 | Eska Dalemuir ... | 1010.3 | -10 | SSE | 2 | bc | 54 | 55 | 6 | 7 | 3 | 2-3 | 4-6 | 2500 | 1010.1 | -4 | NW | 1 | c | 48 | 75 | 6 | 5 | 3 | 3 | 4-6 | 7-8 | 2500 | 0 | * | cx/bcc | bcyc | c | c | | | | | | | | | | | | | | | | |
| | Point of Ayre ... | 1010.3 | -8 | S'E | 3 | c | 58 | 65 | 8 | 8 | 7 | 7-8 | 3+ | 4000 | 1009.5 | -6 | ESE | 2 | c | 53 | 65 | 8 | 8 | 1 | 4-6 | 10 | 2500 | 0 | 2 | c | c | c | c | | | | | | | | | | | | | | | | | |
| 13A | Tiree ... | 1011.2 | -4 | NNE | 1 | c | 54 | 65 | 8 | 5 | 3 | 2-3 | 7-8 | 4000 | 1010.3 | -4 | NNE | 1 | c | 51 | 75 | 8 | 5 | 3 | 3 | 4-6 | 7-8 | 4000 | 0 | 1 | c | c | c | c | | | | | | | | | | | | | | | | |
| | Stornoway ... | 1013.8 | -12 | NE | 3 | c | 55 | 65 | 7 | 8 | 7 | 7-8 | 3+ | 4000 | 1011.7 | -4 | NE | 1 | pr | 51 | 85 | 7 | 5 | 2 | 4 | 4-6 | 10 | 2500 | 1 | 1 | cz | cpr. | crrtl | cpr.PR | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie ... | 1012.2 | -16 | NE | 3 | c | 51 | 65 | 8 | 5 | 2 | 4-6 | 10 | 4000 | 1011.2 | -10 | - | 0 | c | 45 | 85 | 8 | 4 | 7 | 4 | 4-6 | 10 | 4000 | 0 | * | c | c | c | c | | | | | | | | | | | | | | | | |
| | Aberdeen ... | 1011.8 | -2 | N'E | 1 | c | 52 | 85 | 7 | 9 | 7 | 3+ | 10 | 1500 | 1011.7 | 0 | NNW | 1 | o/d | 47 | 92 | 7 | 5 | 7 | 10 | 10 | 2500 | 1 | 1 | cz-c | cod.d.c | ccz. | cbcw | | | | | | | | | | | | | | | | | |
| 16 | Wick ... | 1012.4 | 0 | N | 3 | cpr | 50 | 65 | 8 | 5 | 7 | 8 | 7-8 | 3+ | 1500 | 1011.3 | 0 | NE | 3 | c | 45 | 75 | 8 | 5 | 7 | 7-8 | 10 | 1500 | 1 | 1 | cpr. | pr.c | ebc | bccpr | | | | | | | | | | | | | | | | |
| | Lerwick ... | 1012.4 | 0 | N | 3 | cpr | 50 | 65 | 8 | 5 | 7 | 8 | 7-8 | 3+ | 1500 | 1012.0 | +4 | N'W | 4 | c | 47 | 75 | 8 | 8 | 7 | 4-6 | 7-8 | 1500 | 0 | 1 | c | c | bcc | bccpr | | | | | | | | | | | | | | | | |
| 17 | Blacksod Point... | 1008.6 | -12 | E | 2 | bc | 59 | 65 | 7 | 2 | - | 4 | 2-3 | 4-6 | 800 | 1006.9 | -2 | ENE | 3 | c | 56 | 65 | 7 | 5 | 7 | 3 | 0 | 7-8 | - | 0 | 3 | bc | bc | c | c | | | | | | | | | | | | | | | |
| | Malin Head ... | 1011.2 | -8 | E | 1 | z. | 54 | 65 | 6 | 8 | - | 0 | 2-3 | - | 1010.1 | -4 | E | 2 | z. | 53 | 75 | 6 | 5 | 7 | 4 | 4-6 | 7-8 | 4000 | 0 | 1 | cbcz.bc | bccz.c | z | cz.zc | | | | | | | | | | | | | | | | |
| 18 | Aldergrove ... | 1010.2 | -14 | ENE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st October, 1939.

- 1 S.E. England
- 2 E. England ...
- 3 E. Midlands ...
- 4 W. Midlands ...
- 5 S.W. England
- 6 South Wales ...
- 7 North Wales ...
- 8 N.W. England
- 9 N. Midlands ...
- 10 N.E. England
- 11 S.E. Scotland
- 12 S.W. Scotland & Isle of Man
- 13 { A.W. Scotld.
B.N.W. Scot-
land.
- 14 Mid Scotland
- 15 N.E. Scotland
- 16 Orkneys and Shetlands
- 17 N.W. Ireland
- 18 N.E. Ireland
- 19 S.E. Ireland
- 20 S.W. Ireland

Wind east to northeast, moderate or fresh locally. Cloudy with occasional rain to-day. Brighter periods to-morrow. Rather cold.

Wind east to northeast, moderate or fresh. Bright intervals, but showers. Snow showers on the hill tops. Cold with frost at night.

As 1 - 12.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

There is an anticyclone over Iceland and a belt of low pressure extending from Northern France westwards. Winds will be between east and northeast. A belt of rain and low cloud over Northern England, Northern Ireland and South Scotland will slowly disperse and another belt over the Channel and Northern France will move northwards and affect Southern England.

FURTHER OUTLOOK.

Rather cold east winds, but mainly dry, except perhaps in the South.

Forecasts issued at 0930 G.M.T.

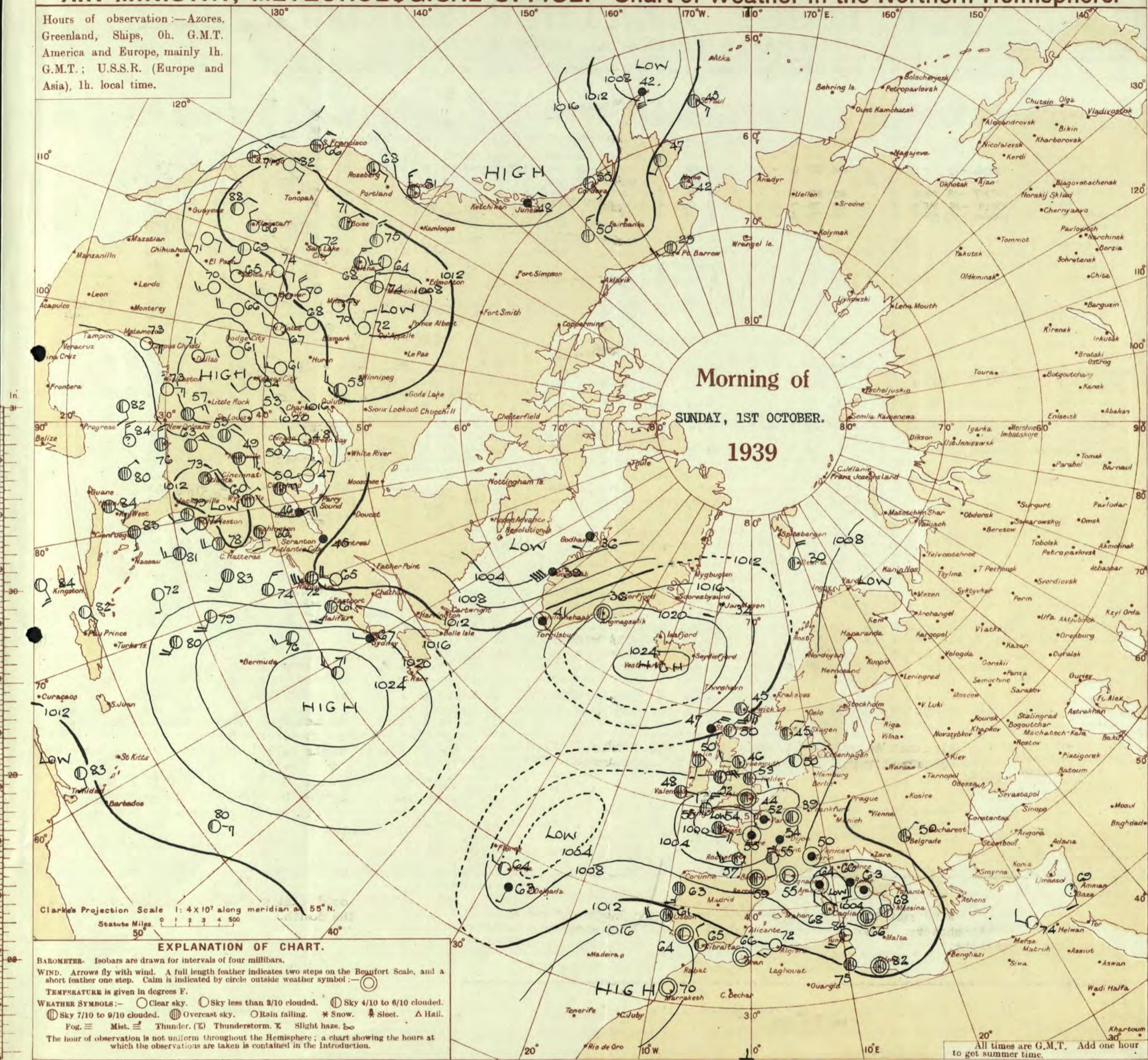
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

4111/100 W. 2-12. D. 4676 up 1945. 3/38

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Sunday, 1st October, 1939.
 No. 28437.

| OBSERVATIONS at 1 hr. G.M.T. 1st October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 1st October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | |
|--|---------------------|------------------------------|------------------|--------------------|--------|--------|----------|-----------|----------|------------|--------|---------|------------------------|--|-----|------------------|--------------------|--------|--------|----------|-----------|----------|------------|--------|---------|------------------------|-----|----------------|------|--------------|---------------------|-----------------------|-------------------|----------------|------------------|---|-----|----------------|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | | | Barom. at M.S.L. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | | | Sea. | TEMPERATURE. | | | | | RAINFALL. | | | SUN-SHINE Hrs. | | | | | | | | | | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | | | | 0-9 | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) | 18 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1002.4 | -6 | NNE | 3 | z | 51 | 75 | 6 | 5 | 2 | - | 4-6 | 10 | 1500 | 0 | * | 62 | 49 | 44 | - | - | - | 7.3 | | | | | | | | | | |
| | Croydon | 217 | 1005.6 | -12 | - | 0 | c | 44 | 97 | 6 | - | - | 7 | 0 | 10 | 1003.2 | -10 | NE | 2 | c | 50 | 85 | 6 | 5 | 2 | - | 2-3 | 10 | 2500 | 0 | * | 61 | 42 | 36 | - | - | - | 7.8 | | | | | | | | | | |
| | S. Farnborough | 226 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1002.3 | -2 | NNE | 3 | z | 50 | 85 | 6 | 5 | 2 | - | 4-6 | 10 | 5700 | 0 | * | 63 | 41 | 32 | - | - | - | 7.0 | | | | | | | | | | |
| | Boscombe Down | 417 | 1003.7 | -18 | NE/E | 3 | z | 47 | 85 | 6 | - | - | 7 | 0 | 9 | 1001.3 | 0 | NE | 3 | z | 47 | 85 | 6 | 5 | 7 | - | 7-8 | 9+ | 4000 | 0 | * | 61 | 45 | 43 | - | - | - | 7.2 | | | | | | | | | | |
| | Calshot (Stmntn.) | 8 | 1002.7 | -14 | NE/N | 4 | c | 52 | 75 | 7 | - | 1 | - | 0 | 9+ | 1001.3 | 0 | NE | 3 | z | 51 | 85 | 6 | 5 | - | 10 | 10 | 4000 | 0 | 2 | 60 | 50 | 50 | - | - | - | 7.4 | | | | | | | | | | | |
| | Lympe | 346 | 1002.7 | -14 | NE/N | 4 | c | 52 | 75 | 7 | - | 1 | - | 0 | 9+ | 1002.0 | -8 | EN | 4 | z | 52 | 75 | 6 | 5 | 2 | - | 7-8 | 10 | 1500 | 0 | * | 58 | 50 | 47 | - | - | - | 8.0 | | | | | | | | | | |
| | Manston | 154 | 1004.4 | -22 | E/NE | 4 | c | 52 | 75 | 6 | - | 1 | - | 0 | 10 | 1001.8 | -6 | E/NE | 4 | z | 55 | 75 | 6 | 5 | 1 | - | 4-6 | 10 | 2500 | 0 | * | 59 | 53 | 49 | - | - | - | 8.7 | | | | | | | | | | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1020.5 | -10 | NE/E | 5 | c | 55 | 85 | 7 | 2 | 2 | - | 4-6 | 10 | 2500 | 0 | * | 61 | 53 | 48 | - | - | - | 8.1 | | | | | | | | | | |
| | Felixstowe | 15 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1002.9 | -8 | E/NE | 5 | c | 56 | 75 | 8 | 1 | - | 7 | 4-6 | 10 | 2500 | 0 | 4 | 62 | 56 | 52 | - | - | - | 4.8 | | | | | | | | | | |
| | Gorleston | 5 | 1007.6 | -6 | E | 4 | c | 56 | 65 | 7 | 5 | - | - | 7-8 | 7-8 | 1005.1 | -6 | E/NE | 5 | c | 56 | 75 | 7 | 5 | 2 | - | 2-3 | 10 | 2500 | 0 | 3 | 58 | 50 | 49 | - | - | - | * | | | | | | | | | | |
| | Mildenhall | 19 | 1005.9 | -18 | NE | 3 | c | 50 | 75 | 7 | 5 | - | - | 9+ | 9+ | 1004.2 | -6 | NE/N | 2 | c | 48 | 97 | 7 | 3 | 1 | - | 2-3 | 10 | 4000 | 1 | * | 60 | 47 | 38 | - | - | - | 0.1 | | | | | | | | | | |
| | Cranwell | 240 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1006.3 | -2 | NE | 2 | c | 49 | 75 | 8 | 5 | - | - | 9+ | 9+ | 2500 | 0 | * | 59 | 47 | 46 | - | - | - | 0.5 | | | | | | | | | | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1006.0 | 0 | NNE | 3 | c | 47 | 75 | 6 | 5 | - | - | 10 | 10 | 2500 | 0 | * | 57 | 46 | 43 | - | - | - | 1.2 | | | | | | | | | | |
| | Upper Heyford | 408 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1004.7 | -2 | NE | 3 | c | 49 | 75 | 8 | 5 | 7 | - | 9 | 9+ | 2500 | 0 | * | 61 | 46 | 37 | - | - | - | * | | | | | | | | | | |
| | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1005.0 | -4 | NE | 3 | c | 49 | 75 | 7 | 5 | 3 | 3 | 4-6 | 9+ | 2500 | 0 | * | 60 | 47 | 43 | - | - | - | 4.3 | | | | | | | | | | |
| 5 | Hartland Point | 209 | 1002.1 | -10 | NE | 4 | c | 50 | 75 | 8 | 7 | - | - | 7-8 | 7-8 | 1000.6 | -4 | NE | 6 | c | 52 | 85 | 8 | 5 | 1 | - | 4-6 | 9 | 4000 | 0 | 3 | 58 | 50 | 48 | - | - | - | 4.6 | | | | | | | | | | |
| | Bristol | 209 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1004.1 | +2 | NE | 3 | c | 45 | 85 | 8 | - | 7 | 8 | 0 | 9 | - | 0 | * | 62 | 42 | 29 | - | - | - | 6.9 | | | | | | | | | | |
| | Portland Bill | 32 | 1002.5 | -8 | E/NE | 5 | c | 52 | 85 | 8 | 5 | 7 | - | 4-6 | 10 | 1000.7 | -4 | E/NE | 5 | c | 51 | 85 | 7 | 5 | - | - | 10 | 10 | 2500 | 0 | 4 | 58 | 50 | * | - | - | - | * | | | | | | | | | | |
| | Plymouth | 82 | 1001.5 | -10 | E/NE | 2 | c | 53 | 75 | 7 | - | 2 | - | 10 | 10 | 1000.8 | -2 | E/NE | 3 | z | 52 | 75 | 6 | - | 2 | - | 10 | 10 | 5700 | 0 | 1 | 60 | 51 | 49 | - | - | - | 7.6 | | | | | | | | | | |
| | The Lizard | 240 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1001.1 | -8 | E/NE | 4 | 0 | 52 | 85 | 6 | 5 | - | - | 10 | 10 | 1500 | 0 | 2 | 60 | 50 | * | - | - | - | 6.4 | | | | | | | | | | |
| | Scilly (St. Mary's) | 163 | 1000.4 | -10 | NE/E | 5 | c | 55 | 92 | 7 | 8 | - | - | 9+ | 9+ | 1000.8 | +8 | SSE | 4 | c | 53 | 92 | 6 | 8 | 6 | - | 4-6 | 9+ | 2500 | 0 | 3 | 61 | 53 | * | - | - | - | 2.9 | | | | | | | | | | |
| | Guernsey | 175 | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Pembroke | 142 | 1004.4 | 0 | EN | 4 | c | 50 | 85 | 7 | 5 | 7 | - | 2-3 | 9 | 1004.9 | +4 | EN | 5 | c | 49 | 75 | 8 | 5 | 7 | - | 4-6 | 7-8 | 2500 | 0 | 2 | 59 | 47 | * | - | - | - | 5.9 | | | | | | | | | | |
| | Holyhead | 26 | 1006.9 | -8 | E/NE | 5 | c | 52 | 75 | 7 | 5 | - | - | 10 | 10 | 1007.0 | 0 | E/NE | 4 | c | 51 | 75 | 7 | 5 | - | - | 9+ | 9+ | 2500 | 0 | 2 | 61 | 50 | 48 | - | - | - | 4.0 | | | | | | | | | | |
| | Chester (Sealand) | 16 | 1008.2 | -6 | NE | 1 | m | 47 | 85 | 4 | 5 | - | - | 9+ | 9+ | 1007.4 | -2 | NE | 2 | z | 47 | 75 | 5 | 5 | 2 | - | 9+ | 10 | 5700 | 0 | * | 58 | 45 | 43 | - | - | - | 0.8 | | | | | | | | | | |
| | Manchester | 70 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1007.4 | -2 | NE/E | 2 | z | 48 | 75 | 3 | 3 | 3 | - | 9 | 9+ | 2500 | 0 | * | 59 | 39 | 31 | - | - | - | 0.8 | | | | | | | | | | |
| 10 | Spurn Head | 29 | 1008.3 | -10 | E | 2 | c | 53 | 55 | 6 | 5 | - | - | 10 | 10 | 1006.6 | -4 | NE/E | 4 | c | 54 | 63 | 7 | 5 | 8 | 5 | 4-6 | 9 | 4000 | 0 | 2 | 57 | 50 | * | - | - | - | 2.7 | | | | | | | | | | |
| | Catterick | 175 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1008.8 | +2 | N | 1 | z | 43 | 32 | 6 | 5 | - | - | 9+ | 9+ | 4000 | 0 | * | 56 | 37 | 32 | - | - | - | 0.5 | | | | | | | | | | |
| | Tynemouth | 108 | 1010.2 | -2 | W | 2 | c | 46 | 92 | 6 | 8 | - | - | 7-8 | 7-8 | 1009.0 | 0 | W | 2 | c | 45 | 97 | 5 | 8 | - | - | 7-8 | 7-8 | 1500 | 0 | 1 | 53 | 42 | 35 | - | - | - | | | | | | | | | | | |
| 11 | St. Abbs Head | 280 | 1010.2 | -6 | NE | 3 | c/r | 51 | 75 | 8 | 8 | 2 | - | 7-8 | 10 | 1010.5 | +4 | NE | 3 | c | 51 | 75 | 9 | 8 | 3 | - | 7-8 | 9+ | 1500 | 0 | 2 | 54 | 49 | * | - | - | 0.3 | * | | | | | | | | | | |
| | Leuchars | 36 | 1010.9 | 0 | - | 0 | c | 46 | 97 | 8 | 8 | 7 | - | 9 | 10 | 1011.5 | +6 | NNE | 2 | r/r | 46 | 92 | 8 | 5 | - | - | 10 | 10 | 1500 | 1 | * | 57 | 45 | 38 | - | - | - | 1.5 | | | | | | | | | | |
| 12 | Renfrew (Abbots I.) | 19 | 1011.1 | +4 | * | 0 | f | 42 | 97 | 3 | 5 | 3 | - | 7-8 | 9+ | 1011.8 | +6 | - | 0 | r/r | 43 | 97 | 3 | 5 | - | - | 10 | 10 | 1500 | 1 | * | 56 | 39 | 36 | - | - | - | 0.8 | | | | | | | | | | |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1009.9 | +4 | NE | 3 | r/r | 45 | 97 | 8 | 5 | - | - | 10 | 10 | 450 | 1 | * | 55 | 36 | 30 | - | - | - | 5.3 | | | | | | | | | | |
| | Point of Ayre | 30 | 1009.0 | +2 | ESE | 2 | c | 53 | 65 | 7 | 8 | 3 | - | 4-6 | 9+ | 1008.5 | +2 | E/N | 4 | c | 51 | 85 | 7 | 5 | 3 | 4 | 4-6 | 9+ | 1500 | 0 | 3 | 59 | 49 | * | - | - | 0.2 | 0.2 | | | | | | | | | | |
| 13A | Tiree | 22 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1010.4 | +6 | E/NE | 3 | c | 49 | 85 | 7 | 5 | - | - | 9+ | 9+ | 2500 | 0 | 3 | 54 | 46 | 38 | - | - | - | 0.4 | | | | | | | | | | |
| 13B | Stornoway | 80 | 1012.4 | +4 | NE | 5 | r/r | 47 | 92 | 6 | 8 | 2 | - | 9 | 10 | 1014.6 | +12 | E/NE | 5 | c/r | 49 | 75 | 8 | 5 | - | - | 7-8 | 9 | 1500 | 1 | 2 | 55 | 47 | * | - | - | 8 | 0.3 | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1013.7 | +12 | NNE | 2 | r/r | 40 | 97 | 5 | 8 | - | - | 10 | 10 | 1500 | 1 | * | 51 | 39 | 36 | - | - | - | 0.2 | | | | | | | | | | |
| | Aberdeen | 79 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1012.6 | +10 | NW | 2 | c | 42 | 85 | 8 | 1 | 3 | - | 1 | 7-8 | 2500 | 0 | 1 | 53 | 40 | 37 | 0.5 | - | - | 0.3 | | | | | | | | | | |
| | Wick | 81 | 1012.4 | +2 | NE | 4 | bc | 50 | 65 | 8 | 8 | 7 | - | 4-6 | 4-6 | 1013.2 | +6 | NE | 4 | c | 49 | 65 | 8 | 8 | 7 | 9 | 4-6 | 7-8 | 1500 | 1 | 2 | 50 | 48 | * | 0.1 | - | - | | | | | | | | | | | |
| 16 | Lerwick | 156 | 1013.2 | +2 | ESE | 6 | c | 45 | 85 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1015.3 | +14 | NE | 5 | pr | 44 | 85 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1500 | 1 | * | 50 | 44 | * | 0.2 | - | - | 2.2 | | | | | | | | | | |
| 17 | Blacksod Point | 18 | 1007.7 | 0 | EN | 3 | c | 53 | 75 | 7 | 7 | - | - | 9 | 9 | 1008.8 | +8 | E | 2 | c | 52 | 85 | 7 | - | 7 | - | 0 | 9+ | - | 0 | 3 | 60 | 50 | * | - | - | - | * | | | | | | | | | | |
| 18 | Malin Head | 84 | 1010.0 | -2 | S | 1 | z | 50 | 83 | 6 | 8 | - | - | 7-8 | 7-8 | 1009.9 | -8 | S | 1 | z | 40 | 85 | 7 | 8 | - | - | 9 | 9 | 4000 | 0 | 1 | 55 | 46 | * | - | - | - | 6.9 | | | | | | | | | | |
| | Aldergrove | 268 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1009.4 | +10 | NE/E | 2 | c | 44 | 85 | 7 | 5 | | | | | | | | | | | | | | | | | | | | | | | | |

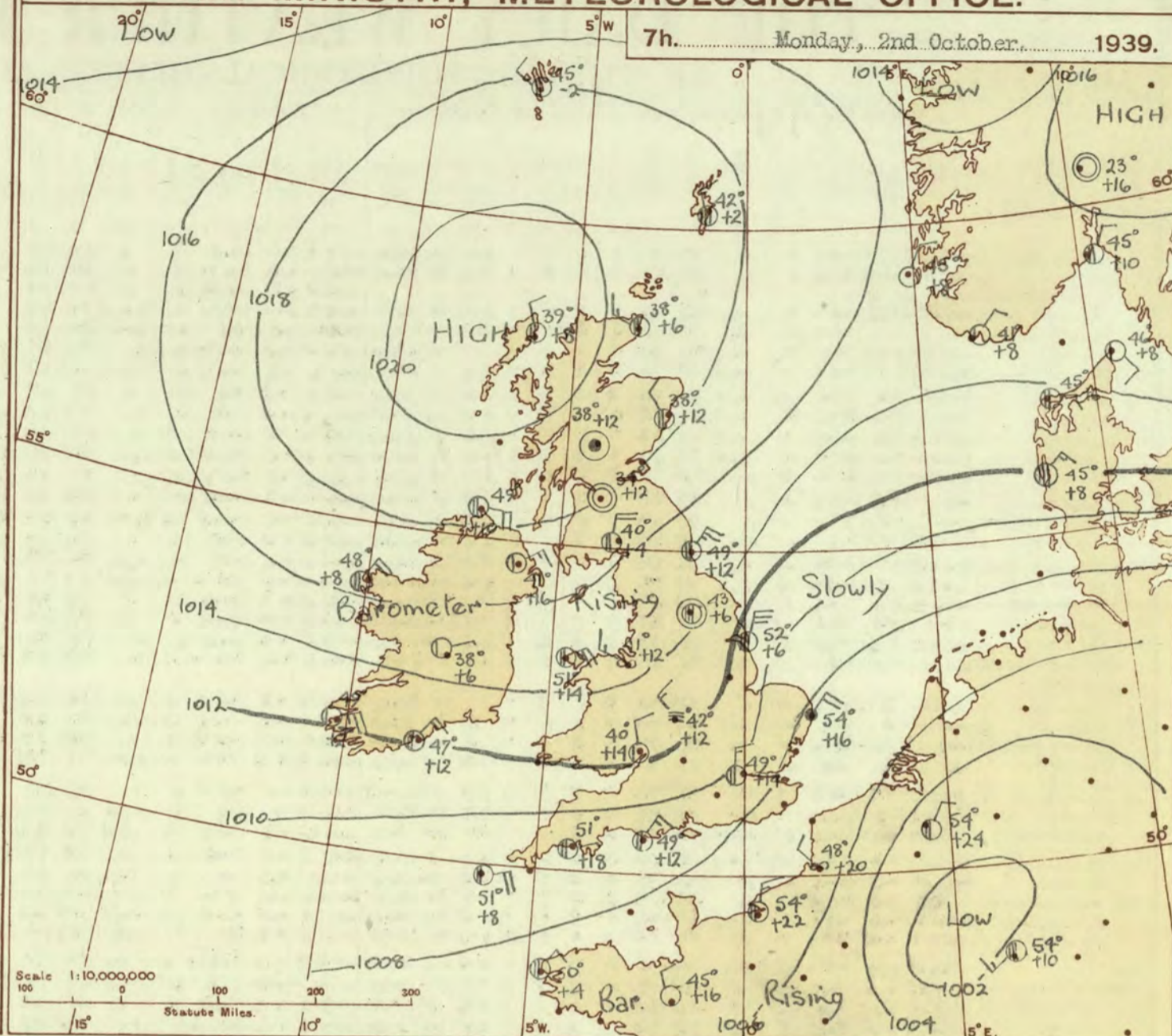
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday, 2nd October, 1939.
No. 28438.

| OBSERVATIONS at 13h. G.M.T. 1st October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 1st October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | |
|---|--------------------------------------|-------------------------------|------------------------------|-------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|--|--------------------------------------|-----|---|-------------------------------|--------|------|------------------------|----------------------|---------------------|----------------------------|--------|-------|--|--------------------------------------|-----------------------------|----------|------------------------------|-------------------------------|----------------------------------|-----------------------------|----|----|----|----|--|--|--|--|--|--|
| District. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | State of Ground. (30) | WEATHER. | | | | | | | | | | | | | | |
| | | | | Dir. | Force. 0-12 (4) | | | | | Form. | Amount. Low Total 0-10 0-10 (12) (13) | Height of Base. (feet) (14) | | | | | Dir. | Force. 0-12 (18) | | | | | Form. | Amount. Low Total 0-10 0-10 (26) (27) | Height of Base. (feet) (28) | | | 7h.—13h. 1st..... (37) | 13h.—18h. 1st..... (38) | 18h. 1st. to 2nd..... (39) | 1h.—7h. 2nd..... (40) | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1002.0 | 0 | NE'E | 5 | C | 59 | 55 | 7 | 3 | 7 | - | 4-6 | 8+ | 2500 | 1002.5 | +6 | NE | 3 | N | 56 | 55 | 6 | 2 | - | 1 | 7-8 | 7-8 | 2500 | 0 | * | cy | cy | bc | bc | | | | | | |
| | Croydon ... | 1001.8 | -2 | E NE | 4 | C | 57 | 67 | 7 | 1 | 5 | 7 | 4-6 | 10 | 2500 | 1002.3 | +6 | NE | 3 | N | 55 | 65 | 4 | 7 | 4 | 4-6 | 7-8 | 2500 | 0 | * | cy | cy | bc | bc | | | | | | | |
| | S. Farnborough | 1002.4 | +2 | NE'E | 4 | C | 56 | 65 | 7 | 5 | 1 | - | 2-3 | 10 | 2500 | 1002.5 | +6 | NE | 2 | N | 55 | 65 | 7 | 5 | 7 | 8 | 7-8 | 3+ | 2500 | 0 | * | cy | cy | bc | bc | | | | | | |
| | Boscombe Down | 1001.5 | +2 | NE'E | 5 | C | 53 | 65 | 6 | 5 | 1 | - | 3 | 10 | 2500 | 1002.1 | +6 | N | 3 | N | 56 | 65 | 7 | 1 | 7 | 2 | 1 | 4-6 | 2500 | 0 | 2 | cy | cy | bc | bc | | | | | | |
| | Calshot (Soton.) | 1000.9 | -2 | NE | 5 | C | 53 | 65 | 6 | 2 | - | - | 10 | 10 | 2500 | 1000.9 | +2 | NE | 3 | N | 53 | 65 | 6 | 2 | 7 | - | 4-6 | 10 | 2500 | 0 | 3 | cy | cy | bc | bc | | | | | | |
| | Lymington | 1000.8 | -2 | NE | 4 | C | 53 | 65 | 6 | 3 | 2 | - | 4-6 | 10 | 2500 | 1000.3 | +2 | NE | 3 | N | 56 | 65 | 6 | 2 | 1 | - | 4-6 | 10 | 1500 | 0 | * | cy | cy | bc | bc | | | | | | |
| | Manston | 1000.8 | -2 | NE | 4 | C | 53 | 65 | 6 | 3 | 2 | - | 4-6 | 10 | 2500 | 1000.3 | +2 | NE | 3 | N | 56 | 65 | 6 | 2 | 1 | - | 4-6 | 10 | 1500 | 0 | * | cy | cy | bc | bc | | | | | | |
| 2 | Shoeburyness ... | 1002.1 | -2 | NE | 5 | C | 58 | 75 | 8 | 5 | 7 | - | 4-6 | 10 | 2500 | 1002.3 | +2 | NE | 5 | N | 55 | 65 | 8 | 2 | 7 | - | 4-6 | 10 | 2500 | 0 | 3 | cy | cy | bc | bc | | | | | | |
| | Felixstowe | 1001.9 | -2 | E NE | 5 | C | 57 | 65 | 8 | 1 | 7 | - | 4-6 | 3+ | 2500 | 1001.4 | +6 | NE | 4 | N | 57 | 65 | 8 | 7 | 7 | - | 4-6 | 3+ | 2500 | 0 | 3 | cy | cy | bc | bc | | | | | | |
| | Gorleston | 1004.3 | -4 | NE | 5 | C | 59 | 65 | 7 | 2 | 1 | - | 4-6 | 10 | 2500 | 1003.6 | -2 | NE | 5 | N | 57 | 65 | 7 | 2 | 2 | - | 4-6 | 10 | 2500 | 0 | 3 | cy | cy | bc | bc | | | | | | |
| | Mildenhall | 1003.5 | -6 | E NE | 4 | C | 59 | 65 | 7 | 8 | 3 | 7 | 4-6 | 10 | 4000 | 1003.4 | +6 | NE | 3 | N | 54 | 65 | 8 | 7 | 2 | 8 | 3 | 3+ | 1500 | 1 | * | cy | cy | bc | bc | | | | | | |
| | Cranwell | 1005.9 | -6 | NE | 5 | C | 56 | 75 | 8 | 7 | - | - | 7-8 | 9 | 2500 | 1006.6 | +6 | NE | 4 | N | 51 | 85 | 8 | 5 | 4 | 1 | 4-6 | 3 | 2500 | 0 | * | cy | cy | bc | bc | | | | | | |
| 3 | Birmingham | 1005.7 | -2 | NE | 4 | C | 55 | 55 | 7 | 5 | 7 | 7 | 2-3 | 10 | 2500 | 1006.1 | +8 | NE | 3 | N | 53 | 75 | 6 | 5 | - | 2 | 7-8 | 3 | 2500 | 0 | * | cy | cy | bc | bc | | | | | | |
| | Upper Heyford | 1004.1 | -2 | E NE | 4 | C | 57 | 65 | 7 | 8 | 7 | 6 | 7-8 | 9 | 2500 | 1004.2 | +6 | NE | 4 | N | 52 | 85 | 8 | 7 | 6 | 7-8 | 10 | 2500 | 1 | * | cy | cy | bc | bc | | | | | | | |
| 4 | Ross-on-Wye ... | 1004.4 | -6 | NE | 4 | C | 57 | 65 | 6 | 8 | - | 2 | 4-6 | 9 | 2500 | 1005.6 | +10 | NE | 3 | N | 53 | 75 | 7 | 5 | - | 1 | 7-8 | 7-8 | 2500 | 0 | * | cy | cy | bc | bc | | | | | | |
| 5 | Hartland Point | 1003.2 | +2 | NE | 4 | C | 56 | 75 | 8 | 1 | - | 8 | 2-3 | 7-8 | 4000 | 1004.0 | +6 | NE | 4 | N | 56 | 75 | 7 | 8 | 4 | - | 7-8 | 3 | 2500 | 0 | 3 | cy | cy | bc | bc | | | | | | |
| | Bristol ... | 1003.8 | -2 | NE | 4 | C | 57 | 65 | 6 | 8 | 1 | - | 4-6 | 3+ | 2500 | 1004.1 | +6 | NE | 4 | N | 53 | 75 | 6 | 5 | 3 | - | 4-6 | 7-8 | 4000 | 0 | * | cy | cy | bc | bc | | | | | | |
| | Portland Bill | 1002.2 | +10 | NE | 3 | C | 58 | 65 | 7 | 1 | 7 | - | 7-8 | 7-8 | 4000 | 1002.4 | +8 | NE | 3 | N | 56 | 85 | 8 | 5 | 4 | - | 4-6 | 7-8 | 4000 | 0 | 3 | cy | cy | bc | bc | | | | | | |
| | Plymouth | 1001.1 | +6 | NE | 4 | C | 57 | 65 | 7 | 5 | - | - | 7-8 | 7-8 | 4000 | 1003.9 | +14 | NE | 2 | N | 56 | 65 | 7 | 1 | - | 4 | 2-3 | 2-3 | 4000 | 0 | 1 | cy | cy | bc | bc | | | | | | |
| | The Lizard | 1002.4 | +10 | NE | 3 | C | 59 | 75 | 8 | 6 | - | - | 4-6 | 4-6 | 2500 | 1003.4 | +14 | NE | 2 | N | 56 | 75 | 7 | 8 | - | - | 2-3 | 2-3 | 2500 | 0 | 2 | cy | cy | bc | bc | | | | | | |
| | Scilly (St. Mary's) | 1003.3 | +3 | NE | 5 | C | 58 | 85 | 7 | 8 | 6 | - | 4-6 | 3 | 2500 | 1004.6 | +10 | NE | 4 | N | 55 | 85 | 7 | 1 | - | - | 2-3 | 2-3 | 2500 | 0 | 3 | cy | cy | bc | bc | | | | | | |
| | Guernsey | 1005.7 | -2 | NE | 4 | C | 55 | 55 | 7 | 5 | 7 | 7 | 2-3 | 10 | 2500 | 1006.1 | +8 | NE | 3 | N | 53 | 75 | 6 | 5 | - | 2 | 7-8 | 3 | 2500 | 0 | * | cy | cy | bc | bc | | | | | | |
| 6 | Pembroke | 1005.5 | 0 | NE | 4 | C | 56 | 55 | 8 | 2 | 3 | - | 1 | 9 | 2500 | 1006.6 | +2 | NE | 4 | N | 54 | 75 | 6 | 5 | - | - | 3+ | 3+ | 2500 | 0 | 2 | cy | cy | bc | bc | | | | | | |
| 7 | Holyhead | 1007.7 | 0 | NE | 4 | C | 54 | 75 | 7 | 8 | 3 | - | 9 | 3+ | 2500 | 1008.1 | +8 | NE | 6 | N | 55 | 85 | 7 | 8 | - | - | 4-6 | 4-6 | 2500 | 0 | 3 | cy | cy | bc | bc | | | | | | |
| | Chester (Sealand) | 1007.4 | -2 | NE | 2 | C | 56 | 75 | 5 | 5 | - | - | 10 | 10 | 4000 | 1008.1 | +10 | NE | 3 | N | 54 | 65 | 6 | 5 | - | - | 3 | 3 | 2500 | 0 | * | cy | cy | bc | bc | | | | | | |
| 8 | Manchester | 1007.2 | -2 | NE | 4 | C | 57 | 55 | 6 | 7 | 3 | - | 7-8 | 3+ | 4000 | 1008.5 | +14 | NE | 3 | N | 51 | 75 | 6 | 5 | 3 | - | 3 | 3 | 2500 | 1 | * | cy | cy | bc | bc | | | | | | |
| 10 | Spurn Head | 1006.3 | -2 | NE | 5 | C | 56 | 76 | 7 | 5 | 3 | 6 | 2-3 | 3+ | 4000 | 1006.4 | +4 | NE | 4 | N | 54 | 65 | 7 | 3 | 4 | 1 | 2-3 | 3 | 1500 | 0 | 3 | cy | cy | bc | bc | | | | | | |
| | Catterick | 1008.3 | -2 | NE | 1 | C | 52 | 52 | 5 | 8 | 7 | - | 7-8 | 3+ | 1500 | 1008.3 | +4 | NE | 1 | N | 47 | 33 | 7 | 6 | 3 | 3 | 4-6 | 7-8 | 1500 | 1 | * | cy | cy | bc | bc | | | | | | |
| | Tynemouth | 1009.9 | +6 | NE | 5 | C | 53 | 85 | 8 | 8 | - | - | 3+ | 3+ | 1500 | 1010.2 | +8 | NE | 5 | N | 52 | 85 | 7 | 8 | - | - | 3+ | 3+ | 1500 | 1 | 3 | cy | cy | bc | bc | | | | | | |
| 11 | St. Abbs Head | 1012.0 | +8 | NE | 4 | C | 52 | 65 | 3 | 5 | 8 | 4-6 | 3 | 1500 | 1012.5 | +6 | NE | 4 | N | 49 | 75 | 8 | 8 | 5 | - | 7-8 | 3 | 1500 | 0 | 3 | cy | cy | bc | bc | | | | | | | |
| | Leuchars | 1013.3 | +6 | NE | 2 | C | 52 | 75 | 9 | 8 | 7 | - | 7-8 | 3+ | 1500 | 1014.1 | +6 | NE | 2 | N | 46 | 85 | 3 | 8 | 4 | - | 2-3 | 4-6 | 2500 | 1 | * | cy | cy | bc | bc | | | | | | |
| 12 | Renfrew (Abbots L.) | 1012.8 | +2 | NE | 3 | C | 53 | 65 | 3 | 8 | 7 | - | 7-8 | 3+ | 1500 | 1014.0 | +10 | NE | 3 | N | 49 | 75 | 8 | 5 | 3 | - | 4-6 | 7-8 | 2500 | 1 | * | cy | cy | bc | bc | | | | | | |
| | Eskdalemuir | 1010.8 | +6 | NE | 3 | C | 45 | 75 | 8 | 5 | 1 | - | 7-8 | 10 | 1500 | 1011.9 | +8 | NE | 4 | N | 45 | 85 | 8 | 5 | 7 | - | 4-6 | 4-6 | 1500 | 1 | * | cy | cy | bc | bc | | | | | | |
| | Point of Ayre | 1009.5 | +4 | NE | 3 | C | 56 | 85 | 8 | 8 | 3 | 9 | 4-6 | 3+ | 1500 | 1010.4 | +8 | NE | 3 | N | 53 | 75 | 8 | 8 | 1 | - | 4-6 | 3+ | 2500 | 1 | 3 | cy | cy | bc | bc | | | | | | |
| 13A | Tiree | 1013.4 | +10 | NE | 3 | C | 53 | 75 | 8 | 7 | 4 | - | 4-6 | 4-6 | 4000 | 1014.3 | +6 | NE | 4 | N | 51 | 75 | 8 | 5 | 4 | - | 2-3 | 4-6 | 4000 | 0 | 3 | cy | cy | bc | bc | | | | | | |
| 13B | Stornoway | 1016.6 | +10 | NE | 5 | C | 52 | 75 | 8 | 7 | 4 | - | 7-8 | 3 | 2500 | 1018.1 | +10 | NE | 6 | N | 47 | 75 | 8 | 3 | - | - | 3 | 3 | 4000 | 1 | 3 | cy | cy | bc | bc | | | | | | |
| 15 | Dalwhinnie | 1015.0 | +2 | NE | 4 | C | 45 | 85 | 7 | 4 | 1 | - | 4-6 | 10 | 2500 | 1016.5 | +18 | NE | 4 | N | 41 | 85 | 7 | 5 | 6 | - | 4-6 | 3+ | 2500 | 0 | * | cy | cy | bc | bc | | | | | | |
| | Aberdeen | 1014.0 | +6 | NE | 3 | C | 50 | 75 | 8 | 9 | - | - | 3+ | 3+ | 2500 | 1015.6 | +16 | NE | 1 | N | 44 | 92 | 6 | 6 | - | - | 10 | 10 | 1500 | 1 | 3 | cy | cy | bc | bc | | | | | | |
| | Wick | 1016.9 | +10 | NE | 7 | C | 48 | 85 | 8 | 8 | 7 | - | 4-6 | 3 | 1500 | 1016.7 | +4 | NE | 5 | N | 47 | 75 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1500 | 1 | 2 | cy | cy | bc | bc | | | | | | |
| 16 | Lerwick | 1016.2 | 0 | NE | 5 | C | 48 | 65 | 8 | 8 | 7 | - | 4-6 | 4-6 | 1500 | 1017.0 | +10 | NE | 5 | N | 45 | 75 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1500 | 0 | * | cy | cy | bc | bc | | | | | | |
| 17 | Blacksod Point | 1010.1 | +4 | NE | 3 | C | 57 | 55 | 7 | - | 6 | - | 0 | 4-6 | - | 1011.4 | +8 | NE | 4 | N | 56 | 75 | 7 | - | 7 | - | 0 | 3+ | - | 0 | 4 | cy | cy | bc | bc | | | | | | |
| 18 | Malin Head | 1012.3 | +8 | E | 5 | C | 52 | 75 | 8 | 2 | 8 | - | 4-6 | 7-8 | 4000 | 1013.5 | +10 | E | 5 | N | 52 | 75 | 8 | 6 | 3 | - | 2-3 | 7-8 | 5700 | 0 | 3 | cy | cy | bc | bc | | | | | | |
| | Aldergrove | 1010.4 | +4 | NE | 4 | C | 54 | 75 | 7 | 2 | - | - | 3 | 3 | 2500 | 1011.7 | +10 | NE | 2 | N | 50 | 85 | 7 | 8 | 3 | - | 7-8 | 7-8 | 2500 | 1 | * | cy | cy | bc | bc | | | | | | |
| 19 | Birr Castle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd October, 1939. | <p>BAROMETER. Isobars are drawn for intervals of two millibars. WIND, WEATHER SYMBOLS. For explanation see opposite page. SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High. BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.</p> <p>GENERAL INFERENCE.</p> <p>An anticyclone is centred to west of Scotland and a depression off Northwest Spain is moving east-northeast. A depression north of Iceland is moving east. Weather will be fair at first in the North but rain will occur locally later. There will be showers in the East and Southeast.</p> <p>FURTHER OUTLOOK.</p> <p>Bright intervals, showers; rather cold; rain in the extreme Southeast.</p> |
|--|--|---|
| 1 S.E. England | Moderate northeast wind, fresh locally on coasts; bright intervals, showers, hail locally; rather cold. | |
| 2 E. England ... | | |
| 3 E. Midlands ... | | |
| 4 W. Midlands ... | Moderate northeast wind, backing north, bright periods, perhaps local showers; rather cold, ground frost at night. | |
| 5 S.W. England | | |
| 6 South Wales ... | | |
| 7 North Wales ... | | |
| 8 N.W. England | | |
| 9 N. Midlands ... | Light to moderate northeast wind, backing north; bright intervals, showers; rather cold. | |
| 10 N.E. England | | |
| 11 S.E. Scotland | | |
| 12 S.W. Scotland & Isle of Man. | Light to moderate northeast wind, backing north; fair; rather cold. | |
| 13 { A.W.Scotld. B.N.W.Scot- land. | Light northwest wind, backing southwest and freshening; fair at first, rain later; rather cold. | |
| 14 Mid Scotland | | |
| 15 N. E. Scotland | | |
| 16 Orkneys and Shetlands | | |
| 17 N. W. Ireland | Light to moderate northeast to north wind; fair; rather cold, ground frost locally at night. | |
| 18 N. E. Ireland | | |
| 19 S. E. Ireland | | |
| 20 S. W. Ireland | | |

Forecasts issued at 0930 G.M.T.

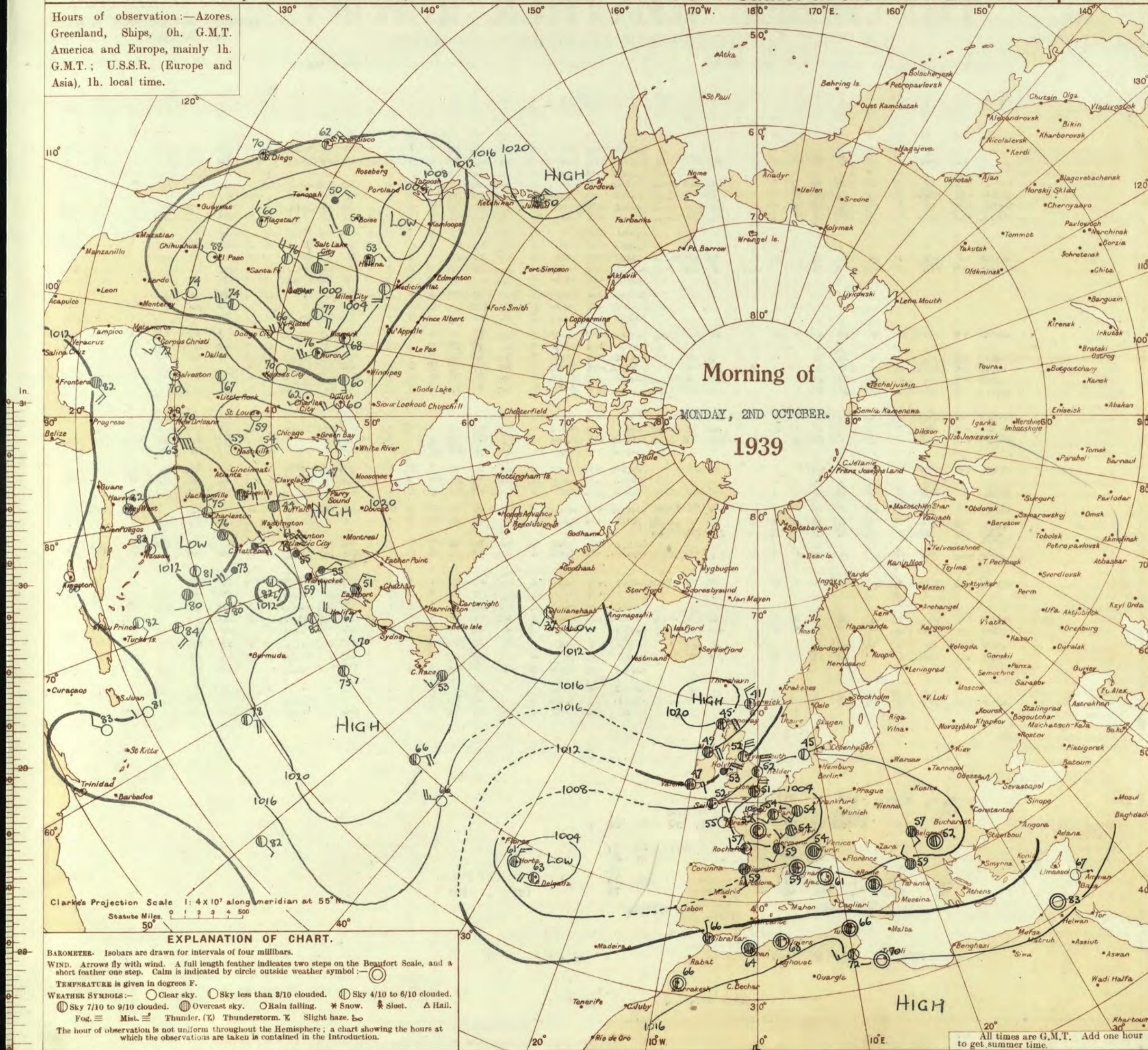
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

471/3705. H. 8103. D. 4226. 4p. 945. 3/38

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday, 2nd October, 1939.
No. 28438.

| OBSERVATIONS at 1 hr. G.M.T. 2nd October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 2nd October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | |
|--|---------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|------------|--------|---------|-----------------------|--|--------------------|--------|--------|----------|-----------|----------|------------|--------|---------|-----------------------|-----------------------|------------------|--------------|----------------|---------------------|-----------------------|-------------------|----------------|------------------|-----------------|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | Barom. at M.S.L. (29) | State of ground. | TEMPERATURE. | | | | | RAINFALL. | | Sun- shine Hrs. | | | | | | | | | | | | | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet) | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet) | | | | | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. | | | | | | | | | | | | | | |
| | | | | | | | | | | | Low. | Med. | High. | | | | | | | | | Low. | Med. | High. | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) | 18 | * | * | * | * | * | * | * | * | * | * | * | 1008.8 | +2.0 | Z | 3 | c | 50 | 75 | 7 | 5 | 3 | - | 7-8 | 9 | 4000 | 0 | 53 | 48 | 43 | - | - | 0.2 | | | | | | | | | | | | | |
| | Croydon | 217 | * | 110 | NNE | 4 | c | 51 | 80 | 7 | 5 | - | 9 | 1008.2 | +1.4 | Z | 3 | bc | 49 | 85 | 7 | 5 | 4 | - | 4-6 | 4-6 | 2500 | 1 | 58 | 48 | 45 | - | - | 0.3 | | | | | | | | | | | | | |
| | S. Farnborough | 226 | * | * | * | * | * | * | * | * | * | * | * | 1008.9 | +1.4 | Z | 2 | c | 46 | 85 | 5 | 3 | - | - | 7-8 | - | - | 0 | 59 | 44 | 37 | - | - | 0.1 | | | | | | | | | | | | | |
| | Boscombe Down | 417 | 1007.2 | +1.4 | Z | 3 | bc | 45 | 92 | 7 | 5 | - | 4-6 | 1009.6 | +1.2 | Z | 3 | bc | 43 | 88 | 7 | 5 | - | - | 2-3 | 2-3 | 4000 | 0 | 56 | 42 | 40 | - | - | 0.0 | | | | | | | | | | | | | |
| | Calshot (Stmnt.) | 8 | 1005.4 | +1.2 | NNW | 4 | b | 50 | 85 | 7 | 1 | - | - | 1008.5 | +1.8 | Z | 3 | bc | 47 | 85 | 7 | - | 3 | - | - | - | - | 0 | 53 | 49 | 45 | - | - | 0.0 | | | | | | | | | | | | | |
| | Lympe | 346 | 1003.4 | +1.0 | Z | 4 | b | 51 | 85 | 7 | 1 | - | - | 1008.5 | +2.0 | Z | 3 | pr | 50 | 85 | 7 | 5 | - | - | 7-8 | 7-8 | 2500 | 0 | 53 | 49 | 45 | - | - | 0.0 | | | | | | | | | | | | | |
| | Manston | 154 | 1003.0 | +1.0 | NE | 5 | bc | 55 | 65 | 6 | 6 | 8 | 1 | 1005.9 | +1.6 | Z | 4 | pr | 52 | 92 | 7 | 5 | - | - | 9 | 9 | 1500 | 1 | 53 | 51 | 49 | 0.6 | 2 | 0.0 | | | | | | | | | | | | | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | * | 1007.1 | +1.4 | Z | 3 | bc | 51 | 92 | 8 | 5 | - | - | 4-6 | 4-6 | 5700 | 0 | 58 | 49 | 42 | - | - | 0.0 | | | | | | | | | | | | | |
| | Felixstowe | 15 | * | * | * | * | * | * | * | * | * | * | * | 1006.1 | +1.4 | Z | 4 | bc | 50 | 85 | 7 | 5 | - | - | 9 | 9 | 1500 | 1 | 58 | 49 | 46 | - | - | 0.0 | | | | | | | | | | | | | |
| | Gorleston | 5 | 1004.9 | +6 | NE | 6 | bc | 52 | 85 | 6 | 6 | - | 10 | 1008.3 | +1.3 | Z | 4 | pr | 54 | 85 | 7 | 5 | - | - | 9 | 9 | 2500 | 1 | 59 | 52 | 50 | - | - | 0.1 | | | | | | | | | | | | | |
| | Mildenhall | 19 | 1006.2 | +6 | NE | 4 | bc | 49 | 85 | 7 | - | 6 | - | 1008.3 | +1.4 | Z | 3 | bc | 49 | 85 | 7 | 8 | 3 | - | 1 | 4-6 | 4-6 | 4000 | 1 | 60 | 47 | 43 | 0.1 | - | 0.3 | | | | | | | | | | | | |
| | Cranwell | 240 | * | * | * | * | * | * | * | * | * | * | * | 1005.9 | +1.2 | NNW | 3 | bc | 41 | 92 | 7 | 5 | 3 | - | - | 2-3 | 2-3 | 2500 | 0 | 57 | 43 | 37 | - | - | 0.1 | | | | | | | | | | | | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | * | 1012.5 | +1.2 | NNW | 3 | m | 42 | 85 | 4 | - | 4 | - | 0 | 1 | - | 0 | 56 | 41 | 35 | 0.2 | - | 0.7 | | | | | | | | | | | | | |
| | Upper Heyford | 408 | * | * | * | * | * | * | * | * | * | * | * | 1010.8 | +1.8 | NNW | 3 | bc | 40 | 92 | 6 | - | - | - | 0 | 1 | - | 0 | 58 | 39 | 32 | - | - | 1.7 | | | | | | | | | | | | | |
| 4 | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | * | * | 1012.1 | +1.4 | NNW | 2 | bc | 40 | 92 | 7 | 5 | - | - | - | - | 2500 | 0 | 58 | 39 | 32 | - | - | 1.7 | | | | | | | | | | | | | |
| 5 | Hartland Point | 299 | 1007.6 | +8 | NNE | 4 | c | 53 | 75 | 8 | 4 | - | 9 | 1010.0 | +1.2 | NNW | 5 | bc | 50 | 75 | 8 | 7 | - | - | 4-6 | 4-6 | 2500 | 0 | 58 | 59 | 48 | - | - | 4.9 | | | | | | | | | | | | | |
| | Bristol | 209 | * | * | * | * | * | * | * | * | * | * | * | 1011.4 | +1.4 | NNW | 3 | b | 42 | 85 | 6 | 4 | - | - | 0 | 1 | - | 0 | 59 | 42 | 32 | - | - | 1.9 | | | | | | | | | | | | | |
| | Portland Bill | 32 | 1007.1 | +18 | NE | 3 | b | 50 | 85 | 8 | - | - | - | 1008.9 | +1.2 | NNW | 3 | b | 42 | 85 | 8 | 1 | - | - | 4-6 | 4-6 | 4000 | 0 | 59 | 46 | * | - | - | 1.9 | | | | | | | | | | | | | |
| | Plymouth | 82 | 1007.3 | +8 | NE | 3 | c | 53 | 75 | 7 | - | 3 | - | 1009.3 | +1.8 | NNW | 1 | bc | 51 | 75 | 8 | 5 | - | - | 4-6 | 4-6 | 7200 | 0 | 60 | 47 | * | - | - | 5.4 | | | | | | | | | | | | | |
| | The Lizard | 240 | 1007.6 | +8 | NE | 4 | bc | 49 | 85 | 8 | 2 | - | 2-3 | 1008.9 | +1.6 | NNW | 4 | bc | 51 | 75 | 8 | 6 | - | - | 4-6 | 4-6 | 2500 | 0 | 58 | 50 | * | - | - | 7.3 | | | | | | | | | | | | | |
| | Scilly (St. Mary's) | 163 | 1007.7 | +8 | NE | 2 | bc | 52 | 92 | 7 | 1 | - | 2-3 | 1009.3 | +8 | NNW | 4 | bc | 51 | 92 | 8 | 3 | 4 | - | 1 | 4-6 | 2500 | 0 | 58 | 50 | * | - | - | 7.3 | | | | | | | | | | | | | |
| | Guernsey | 175 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | |
| 6 | Pembroke | 142 | 1009.3 | +12 | ENE | 4 | c | 50 | 97 | 7 | 5 | - | 9 | 1014.2 | +1.4 | NNW | 5 | bc | 51 | 75 | 9 | 8 | - | - | 4-6 | 4-6 | 2500 | 1 | 57 | 49 | * | - | - | 1 | | | | | | | | | | | | | |
| 7 | Holyhead | 26 | 1011.6 | +10 | NE | 5 | bc | 53 | 75 | 7 | 6 | 2 | - | 1014.0 | +1.2 | NNW | 3 | bc | 41 | 92 | 6 | - | 3 | - | - | 0 | 1 | - | 0 | 53 | 40 | 36 | 0.6 | - | 0.5 | | | | | | | | | | | | |
| | Chester (Sealand) | 16 | 1011.8 | +12 | NNW | 1 | bc | 47 | 85 | 5 | 5 | 3 | - | 1013.4 | +1.2 | NNW | 1 | bc | 38 | 92 | 6 | - | - | - | 0 | 0 | - | 0 | 57 | 38 | 29 | - | - | 0.6 | | | | | | | | | | | | | |
| 8 | Manchester | 70 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | |
| 10 | Spurn Head | 29 | 1008.1 | +4 | NNE | 6 | bc | 52 | 65 | 7 | - | 8 | - | 1009.8 | +6 | NNW | 6 | bc | 52 | 75 | 7 | 8 | 6 | - | 4-6 | 7-8 | 2500 | 1 | 59 | 51 | * | 0.1 | - | 2.3 | | | | | | | | | | | | | |
| | Catterick | 175 | * | * | * | * | * | * | * | * | * | * | * | 1013.5 | +6 | NNW | 2 | bc | 43 | 92 | 8 | 3 | - | - | 4-6 | 4-6 | 2500 | 1 | 53 | 41 | 37 | - | - | 0.6 | | | | | | | | | | | | | |
| | Tynemouth | 108 | 1012.3 | +2 | NNE | 6 | bc | 52 | 75 | 7 | 2 | - | 4-6 | 1014.3 | +1.2 | NNW | 5 | bc | 49 | 85 | 8 | 2 | - | - | 4-6 | 4-6 | 2500 | 1 | 54 | 49 | 43 | - | - | 2 | | | | | | | | | | | | | |
| 11 | St. Abbs Head | 280 | 1014.5 | +8 | NNE | 5 | bc | 48 | 65 | 8 | 2 | - | 4-6 | 1016.0 | +1.2 | NNW | 5 | bc | 49 | 65 | 9 | 3 | 6 | - | 4-6 | 4-6 | 1500 | 0 | 52 | 46 | * | - | - | 0.2 | | | | | | | | | | | | | |
| | Leuchars | 36 | 1006.6 | +6 | NNW | 2 | b | 40 | 85 | 9 | 6 | - | - | 1018.3 | +1.4 | NNW | 1 | b | 40 | 85 | 9 | 3 | 8 | - | 1 | 1 | 4000 | 1 | 55 | 38 | 30 | - | - | 1.2 | | | | | | | | | | | | | |
| 12 | Reufrew (Abbotsl.) | 19 | 1016.8 | +6 | NE | 2 | bc | 42 | 85 | 8 | 4 | - | 2-3 | 1016.1 | +4 | NNW | 4 | bc | 40 | 85 | 8 | 5 | - | - | 2-3 | 2-3 | 1500 | 1 | 51 | 39 | 36 | - | - | 0.1 | | | | | | | | | | | | | |
| | Eskdalemuir | 794 | 1013.6 | +10 | ENE | 5 | c | 51 | 85 | 8 | 6 | - | 2-3 | 1015.8 | +1.2 | NNW | 5 | bc | 48 | 85 | 8 | 8 | - | - | 2-3 | 2-3 | 2500 | 0 | 56 | 48 | * | - | - | 3.7 | | | | | | | | | | | | | |
| | Point of Ayre | 30 | 1013.6 | +10 | ENE | 5 | c | 51 | 85 | 8 | 6 | - | 2-3 | 1015.8 | +1.2 | NNW | 5 | bc | 48 | 85 | 8 | 8 | - | - | 2-3 | 2-3 | 2500 | 0 | 56 | 48 | * | - | - | 3.7 | | | | | | | | | | | | | |
| 13A | Tiree | 22 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | |
| 13B | Stornoway | 80 | 1020.8 | +6 | ENE | 4 | c/pr | 45 | 75 | 7 | 8 | - | 7-8 | 1021.7 | +8 | NNW | 2 | bc | 39 | 85 | 8 | 5 | - | - | 2-3 | 4-6 | 4000 | 1 | 52 | 39 | * | 2 | 3 | 4.4 | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | 1018.6 | +1.2 | NNW | 2 | bc | 38 | 85 | 7 | 5 | 6 | - | 4-6 | 9 | 1500 | 1 | 47 | 35 | 30 | 0.3 | 0.3 | 1.4 | | | | | | | | | | | | | |
| | Aberdeen | 79 | * | * | * | * | * | * | * | * | * | * | * | 1019.4 | +6 | NNW | 3 | bc | 38 | 92 | 8 | 8 | - | - | 2-3 | 2-3 | 4000 | 1 | 52 | 33 | 33 | 0.3 | 0.3 | 3.3 | | | | | | | | | | | | | |
| | Wick | 81 | 1018.6 | +2 | NNW | 4 | c | 45 | 85 | 8 | 7 | - | 4-6 | 1019.4 | +6 | NNW | 3 | bc | 38 | 92 | 8 | 8 | 7 | - | 2-3 | 4-6 | 2500 | 1 | 50 | 37 | * | 0.6 | 0.4 | * | | | | | | | | | | | | | |
| 16 | Lerwick | 156 | 1018.3 | 6 | NNW | 4 | bc | 41 | 76 | 8 | 8 | - | 4-6 | 1018.1 | +2 | NNW | 3 | c | 42 | 75 | 8 | 5 | 4 | - | 4-6 | 7-8 | 1500 | 0 | 49 | 40 | * | - | - | 7.3 | | | | | | | | | | | | | |
| 17 | Blacksod Point | 18 | 1014.6 | +10 | E | 2 | bc | 51 | 85 | 7 | - | 3 | - | 1016.1 | +8 | NE | 4 | bc | 48 | 85 | 8 | 1 | - | - | 4-6 | 4-6 | 1500 | 0 | 59 | 47 | * | - | - | * | | | | | | | | | | | | | |
| 18 | Malin Head | 84 | 1015.5 | +12 | ENE | 4 | c | 49 | 75 | 8 | 8 | - | 7-8 | 1018.3 | +10 | E | 4 | bc | 49 | 65 | 8 | 5 | - | - | 2 | 3-4 | 5700 | 0 | 54 | 43 | * | 0.6 | 3 | 1.2 | | | | | | | | | | | | | |
| | Aldergrove | 268 | * | * | * | * | * | * | * | * | * | * | * | 1017.4 | +6 | NE | 3 | b | 41 | 85 | 8 | 5 | - | - | - | - | 2500 | 1 | 54 | 40 | 33 | 0.1 | - | 2.8 | | | | | | | | | | | | | |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | * | 1014.2 | +6 | ENE | 1 | b | 38 | 97 | 8 | - | 4 | - | 0 | 1 | - | 0 | 57 | 37 | 28 | - | - | 1.2 | | | | | | | | | | | | | |
| 20 | Valentia Obay.† | 30 | 1012.0 | +6 | ENE | 3 | bc | 47 | 75 | 7 | 5 | - | 4-6 | 1012.1 | +2 | ENE | 5 | b | 49 | 75 | 8 | 7 | - | 1 | 1 | 1 | 2500 | 0 | 60 | 47 | 43 | - | - | 6.5 | | | | | | | | | | | | | |
| | Roches Point | 22 | * | * | * | * | * | * | * | * | * | * | * | 1012.2 | +1.2 | NE | 3 | bc | 47 | 92 | 9 | 5 | - | - | 4-6 | 4-6 | 4000 | 0 | 58 | 45 | * | - | - | * | | | | | | | | | | | | | |

LONDON OBSERVATIONS

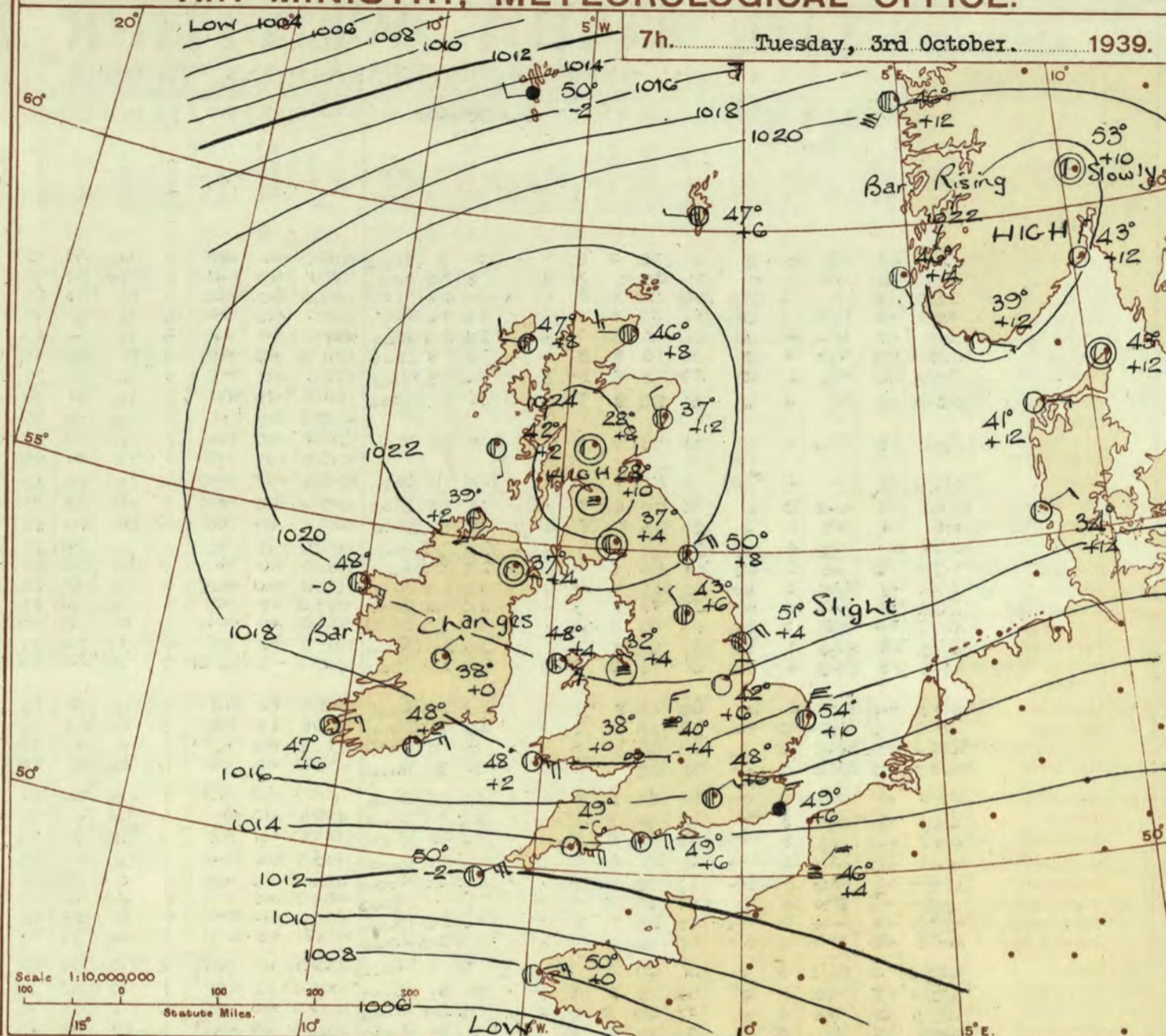
Day 7h-18h, Kew & Croydon.
9h-18h, Kensington.
9h-21h, other stations except for rainfall which is 9h-18h.

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Tuesday, 3rd October, 1939.
No. 28439.

| OBSERVATIONS at 13h. G.M.T. 2nd October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 2nd October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | |
|---|--------------------------------------|-------------------------------|-----------------------|-------|--------|----------|--------------|-------------|--------------------|--------|---------|-----------------------------|-----|---|-------------------------------|-----------------------|--------|------|----------|--------------|-------------|--------------------|--------|---------|-----------------------------|-----|------|---------------------|------|----------|--------------------|---------------------|------------------------|-------------------|----|--|--|--|--|--|--|--|--|--|--|
| District. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | | | Barom. at M.S.L. mb. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | | | State of Ground. | Sea. | WEATHER. | | | | | | | | | | | | | | | |
| | | | | Dir. | Force. | | | | | Form. | Amount. | Height of Base (feet) | Low | Med. | | | | Dir. | Force. | | | | Form. | Amount. | Height of Base (feet) | Low | Med. | | | | 7h.-13h. 2nd... | 13h.-18h. 2nd... | 18h. 2nd to 1h. 3rd | 1h.-7h. 3rd... | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1001.5 | +4 | N/E | 3 | c | 57 | 55 | 8 | - | - | 9 | 9 | 4000 | 1012.3 | +6 | NNE | 3 | bc | 54 | 65 | 7 | 5 | - | 2-3 | 2-3 | 2500 | 0 | * | bbecy | cbcybc | bc | bc | | | | | | | | | | | | |
| | Croydon ... | 1010.1 | +6 | N/E | 3 | c | 57 | 55 | 6 | 2 | 4 | - | 7-8 | 7-8 | 4000 | 1012.1 | +4 | NNE | 3 | bc | 53 | 75 | 5 | 2 | 4 | - | 1 | 2-3 | 4000 | 0 | * | cbcybc | cbcybc | bc | bc | | | | | | | | | | |
| | S. Farnborough | 1010.7 | +6 | N | 3 | bc | 56 | 55 | 8 | - | - | - | 4-6 | 4-6 | 4000 | 1012.3 | +12 | NNE | 3 | b | 53 | 65 | 7 | 4 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Boscombe Down | 1011.3 | +2 | NNE | 4 | bc | 50 | 55 | 8 | 1 | - | - | 4-6 | 4-6 | 4000 | 1012.5 | +10 | NNE | 3 | b | 50 | 75 | 7 | 5 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Calshot (Soton.) | 1010.5 | +6 | N/E | 4 | bc | 60 | 55 | 8 | 1 | 4 | - | 2-3 | 2-3 | 4000 | 1011.6 | +4 | N | 3 | b | 54 | 65 | 7 | 1 | 3 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Lymington | 1009.7 | +18 | N/E | 4 | c | 55 | 75 | 8 | 8 | - | - | 7-8 | 7-8 | 2500 | 1011.5 | +6 | N/E | 3 | b | 50 | 85 | 8 | 2 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Manston | 1009.0 | +10 | N/E | 4 | c | 59 | 75 | 8 | 9 | 3 | - | 4-6 | 7-8 | 1500 | 1011.1 | +10 | N/E | 4 | bc | 53 | 75 | 8 | 8 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 2 | Shoeburyness ... | 1010.0 | +6 | N | 4 | c | 57 | 55 | 8 | 8 | - | - | 9 | 9 | 1500 | 1011.8 | +16 | NW | 3 | bc | 51 | 92 | 8 | 4 | 4 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Felixstowe ... | 1010.0 | +6 | N | 4 | c | 57 | 55 | 8 | 8 | - | - | 9 | 9 | 1500 | 1011.8 | +16 | NW | 3 | bc | 51 | 92 | 8 | 4 | 4 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Gorleston ... | 1009.6 | +8 | NW | 4 | c | 55 | 75 | 7 | 8 | - | - | 7-8 | 7-8 | 2500 | 1010.9 | +10 | N | 3 | bc | 51 | 85 | 8 | 4 | 4 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Mildenhall ... | 1009.6 | +8 | NW | 4 | c | 55 | 75 | 7 | 8 | - | - | 7-8 | 7-8 | 2500 | 1011.4 | +10 | NNE | 7 | bc | 52 | 97 | 6 | 6 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Cranwell ... | 1012.6 | +6 | N | 4 | c/pr | 50 | 97 | 8 | 8 | 3 | - | 4-6 | 7-8 | 2500 | 1013.1 | +22 | NE | 4 | pr | 51 | 85 | 7 | 8 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | | | | | | | | | | | | | | | 1015.3 | +20 | NNE | 3 | c/p | 48 | 85 | 7 | 8 | 6 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 3 | Birmingham | 1013.2 | +4 | NNE | 3 | c | 53 | 65 | 8 | 8 | - | - | 7-8 | 7-8 | 2500 | 1015.6 | +12 | NNE | 3 | m | 48 | 75 | 4 | 5 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Upper Heyford | 1012.1 | +4 | NNE | 3 | c | 55 | 65 | 8 | 8 | 4 | 7 | 9 | 9 | 2500 | 1014.1 | +14 | NNE | 4 | pr | 49 | 85 | 7 | 5 | 4 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | |
| 4 | Ross-on-Wye ... | 1012.8 | 0 | NNE | 4 | bc | 56 | 56 | 6 | 1 | - | - | 2-3 | 2-3 | 4000 | 1015.0 | +12 | NE | 3 | bc | 50 | 75 | 6 | 5 | - | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | |
| 5 | Hartland Point | 1012.3 | +6 | NNE | 3 | bc | 54 | 65 | 8 | 1 | - | - | 2-3 | 2-3 | 4000 | 1012.5 | +6 | NE | 4 | bc | 55 | 65 | 7 | 1 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Bristol ... | 1012.4 | +2 | NNE | 4 | bc | 55 | 55 | 7 | 7 | - | - | 4-6 | 4-6 | 2500 | 1013.4 | +10 | NNE | 3 | bc | 49 | 75 | 6 | 5 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Portland Bill ... | 1010.6 | +4 | NNE | 3 | bc | 57 | 85 | 8 | 5 | - | - | 4-6 | 4-6 | 4000 | 1012.5 | +8 | NE | 3 | bc | 54 | 85 | 8 | 5 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Plymouth ... | 1011.7 | +4 | NNE | 3 | bc | 58 | 45 | 8 | 7 | - | - | 2-3 | 2-3 | 2500 | 1012.0 | +6 | NEN | 2 | b | 55 | 55 | 6 | - | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | The Lizard | 1011.5 | +4 | NNE | 4 | bc | 57 | 65 | 8 | 2 | - | - | 2-3 | 2-3 | 2500 | 1011.5 | +6 | NE | 4 | bc | 54 | 65 | 8 | 8 | 6 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Scilly (St. Mary's) | 1011.5 | +6 | NNE | 4 | bc | 61 | 75 | 8 | 8 | - | - | 2-3 | 2-3 | 2500 | 1010.8 | -2 | NEN | 5 | bc | 54 | 85 | 8 | 8 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Guernsey ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Pembroke ... | 1013.9 | +10 | NNE | 4 | bc | 56 | 55 | 8 | 2 | - | - | 2-3 | 2-3 | 4000 | 1013.9 | +12 | NE | 4 | bc | 51 | 75 | 7 | 2 | 4 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 7 | Holyhead ... | 1015.8 | 0 | NNE | 3 | bc | 54 | 65 | 9 | 2 | - | - | 4-6 | 4-6 | 2500 | 1016.8 | +12 | NE | 5 | bc | 54 | 65 | 8 | 8 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Chester (Sealand) | 1015.2 | 0 | NNE | 3 | bc | 53 | 55 | 6 | 8 | - | - | 9 | 9 | 4000 | 1017.2 | +12 | N | 2 | bc | 67 | 85 | 5 | 3 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 8 | Manchester ... | 1014.9 | +6 | NNE | 5 | pr | 53 | 65 | 7 | 8 | 3 | - | 9 | 9 | 4000 | 1016.8 | +18 | NE | 3 | bc | 51 | 55 | 6 | 5 | 3 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 10 | Spurn Head ... | 1012.4 | +6 | NNE | 5 | bc | 54 | 65 | 7 | 8 | 4 | - | 4-6 | 7-8 | 2500 | 1015.2 | +18 | NNE | 5 | bc | 50 | 75 | 7 | 6 | 4 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Catterick ... | 1016.1 | +8 | NNE | 3 | c | 51 | 65 | 8 | 2 | - | - | 7-8 | 7-8 | 2500 | 1018.3 | +16 | NE | 3 | bc | 47 | 75 | 8 | 2 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Tynemouth ... | 1017.6 | +10 | NNE | 5 | bc/pr | 52 | 65 | 8 | 8 | 1 | - | 4-6 | 4-6 | 2500 | 1018.8 | +16 | NE | 5 | bc | 51 | 75 | 8 | 2 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 11 | St. Abbs Head | 1018.4 | +16 | NNE | 4 | bc | 48 | 75 | 9 | 8 | 6 | - | 4-6 | 4-6 | 1500 | 1019.3 | +10 | NNE | 3 | bc | 49 | 75 | 9 | 8 | 6 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Leuchars ... | 1019.7 | +2 | NNE | 3 | bc | 54 | 65 | 9 | 8 | - | - | 4-6 | 4-6 | 4000 | 1020.8 | +10 | NNE | 1 | c | 48 | 85 | 9 | 7 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 12 | Renfrew (Abbots L.) | 1019.9 | +2 | NNE | 3 | bc | 54 | 65 | 9 | 1 | - | - | 1 | 1 | 4000 | 1020.7 | +10 | N | 0 | bc | 48 | 65 | 7 | 5 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Eskdalemuir ... | 1018.2 | +4 | NNE | 5 | bc/pr | 49 | 65 | 8 | 8 | - | - | 4-6 | 4-6 | 1500 | 1020.0 | +12 | NNE | 4 | b | 43 | 85 | 8 | 5 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Point of Ayre ... | 1017.6 | +2 | NNE | 5 | c | 55 | 65 | 8 | 1 | - | - | 2-3 | 2-3 | 4000 | 1018.8 | +8 | NEN | 4 | bc | 53 | 75 | 8 | 4 | 4 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 13A | Tiree ... | 1020.6 | 0 | NNE | 3 | b | 51 | 65 | 9 | 1 | - | - | 5 | Tr | 1 | 4000 | 1020.9 | +4 | NEN | 2 | b | 48 | 65 | 9 | 1 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 13B | Stornoway ... | 1022.4 | +2 | NE | 1 | c | 50 | 75 | 9 | 8 | - | - | 9 | 9 | 1500 | 1022.4 | +2 | N | 1 | c | 45 | 85 | 9 | 5 | 7 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 15 | Dalwhinnie ... | 1021.5 | 0 | NE | 3 | c | 47 | 65 | 8 | 5 | 6 | - | 7-8 | 9 | 4000 | 1022.5 | +10 | - | 0 | c | 43 | 75 | 8 | 5 | 6 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Aberdeen ... | 1019.7 | +4 | N | 3 | c | 50 | 65 | 8 | 8 | - | - | 9 | 9 | 4000 | 1020.9 | +10 | NNW | 2 | pr | 46 | 85 | 8 | 8 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Wick ... | 1020.2 | +4 | NNW | 3 | c | 49 | 75 | 8 | 5 | 7 | 1 | 4-6 | 9 | 1500 | 1021.0 | +6 | NW | 3 | c | 47 | 75 | 8 | 5 | 7 | 8 | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 16 | Lerwick ... | 1018.4 | -2 | NW | 3 | bc/pr | 50 | 65 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1500 | 1018.4 | +2 | NW | 2 | c | 45 | 85 | 8 | 8 | 7 | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 17 | Blacksod Point... | 1018.2 | 0 | NNE | 3 | bc | 55 | 65 | 9 | 2 | - | - | 4-6 | 4-6 | 2500 | 1018.9 | +8 | NNE | 4 | b | 53 | 65 | 9 | 2 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 18 | Malin Head ... | 1020.3 | +2 | NE | 4 | bc | 51 | 65 | 8 | 1 | - | - | 2-3 | 2-3 | 5700 | 1021.0 | +4 | E | 3 | bc | 51 | 65 | 8 | 1 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Aldergrove ... | 1018.7 | +2 | NNE | 4 | b | 52 | 55 | 9 | 1 | - | - | 1 | 1 | 4000 | 1019.5 | +6 | NNE | 2 | b | 48 | 75 | 8 | 7 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 19 | Birr Castle ... | 1016.4 | +4 | NE | 3 | c | 54 | 65 | 8 | 8 | - | - | 4-6 | 7-8 | 1500 | 1017.2 | +8 | NE | 3 | bc | 51 | 65 | 8 | - | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| 20 | Valentia Obsy. † | 1014.4 | +4 | NE | 3 | bc | 59 | 56 | 9 | 2 | 3 | - | 2-3 | 4-6 | 4000 | 1015.3 | +10 | ES | 3 | b | 53 | 65 | 9 | 7 | - | - | - | - | - | - | bc | bc | bc | bc | | | | | | | | | | | |
| | Roches Point ... | 1015.1 | +8 | NE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday, 3rd October, 1939.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd October, 1939.

| | |
|--|---|
| 1 S.E. England | Moderate northeast wind, fresh to strong locally on coasts; bright intervals, showers, local hail and thunder; rather cold. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | Moderate to light northeast wind; bright intervals, local showers; rather cold, ground frost at night. |
| 5 S.W. England | Moderate northeast wind, fresh locally on coasts; mainly fair; rather cold. |
| 6 South Wales ... | |
| 7 North Wales ... | Moderate to light east wind; fair, local morning fog; rather cold, ground frost at night. |
| 8 N.W. England | |
| 9 N. Midlands ... | Light to moderate east wind; bright intervals, local showers; rather cold, ground frost locally at night. |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A.W.Scotld. B.N.W.Scot- land. | |
| 14 Mid Scotland | Light variable or southeast wind; fair, local morning fog; rather cold, ground frost at night. |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | Fresh southwest wind; cloudy, local showers; average temperature. |
| 17 N. W. Ireland | As 7 - 8. |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred over Scotland is moving slowly eastwards and a depression over North Spain is moving slowly east-northeast. Weather will be fair in the North and West but there will be showers in the East and Southeast with hail locally.

FURTHER OUTLOOK.

Mainly fair.

Forecasts issued at 0930 G.M.T.

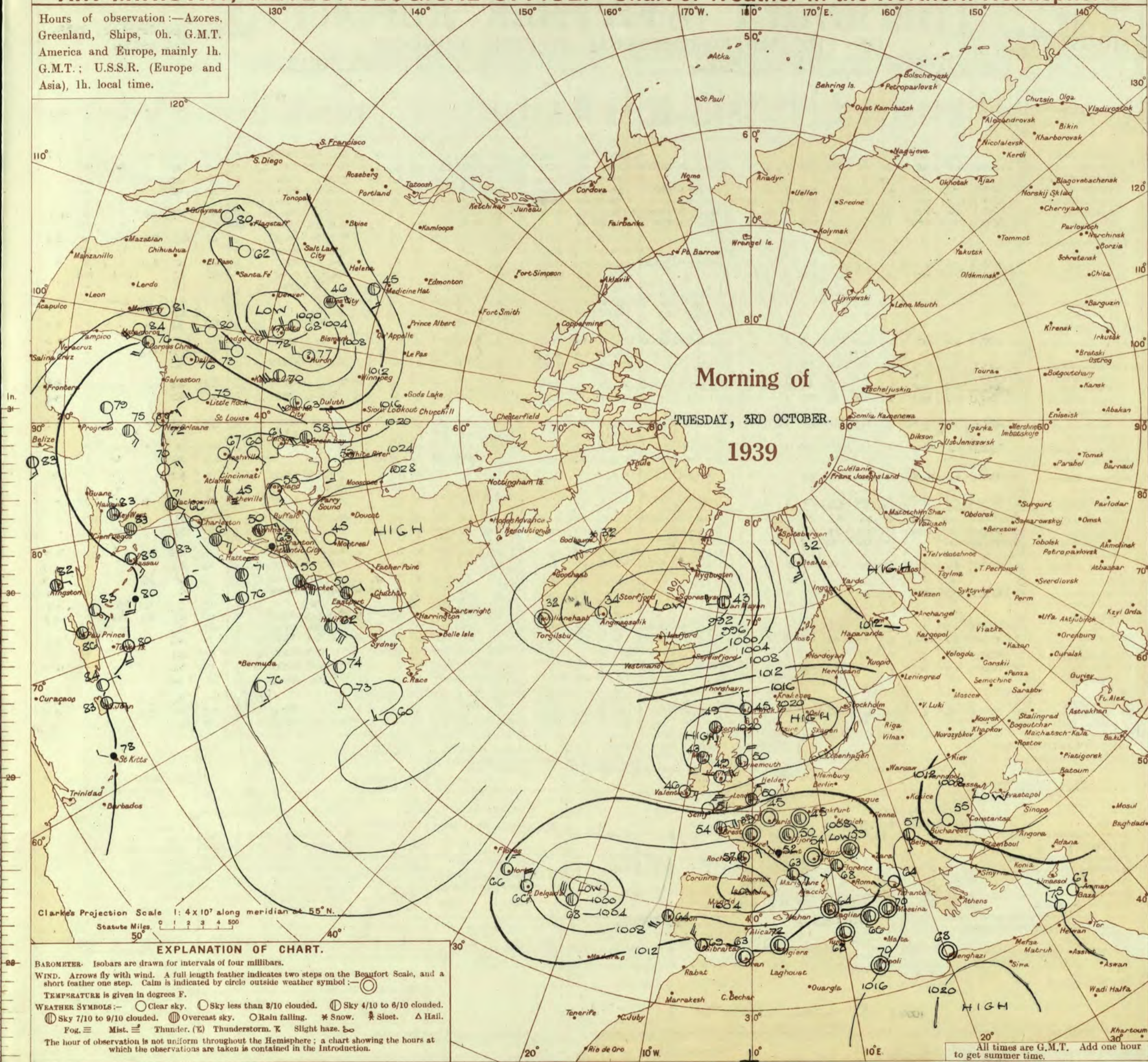
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

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AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 3rd October, 1939.
No. 28439.

| OBSERVATIONS at 1 hr. G.M.T. 3rd October..... | | | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 3rd October..... | | | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | |
|---|-------------------------|---------------------------------|-------------------------------|------------------------------|---------------|-----------------------|----------|---------------------|--------------------|---------------------------|-------------|--------------|--------------|-----------------------|-------------------------|---|-------------------------------|--------------------------------------|----------------|----------|----------------------|---------------------|----------------------------|-----------------------|--------------|--------------|--------------|-----------------------|------------------------------------|---------------------|------------------------|-------------------------------------|--------------------------------------|--|---------------------------------|------------------------------|---------------------------------------|--------------------------------|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | | State of Ground. 0-9 (29) | Sea. 0-9 (30) | TEMPERATURE. | | | | RAINFALL. | | SUN- SHINE 2nd. Hrs. (36) | | |
| | | | | | Direc. (3) | Force. 0-12 (4) | | | | | Low. (9) | Med. (10) | High (11) | Total 0-10 (12) | Amount. 0-10 (13) | | | Height of Base. (feet) (14) | Direc. (17) | | | | | Force 0-12 (18) | Low. (23) | Med. (24) | High (25) | Total 0-10 (26) | | | Amount 0-10 (27) | Height of Base (feet) (28) | Max. Day 7h-18h °F. (31) | Min. Night 18h-7h °F. (32) | Min. on Grass °F. (33) | Day 7h-18h mm. (34) | | Night 18h-7h mm. (35) | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) ... | 18 | * | * | * | * | * | * | * | * | * | * | * | 1015.6 | +4 | NE | 4 | c | 48 | 65 | 7 | 5 | 3 | 5 | 46 | 7.8 | 2500 | 0 | * | 59 | 48 | 45 | - | - | 7.2 | | | | |
| | Croydon ... | 217 | 1014.4 | +4 | NE | 3 | c | 50 | 85 | 6 | S | - | 9 | 9 | 2500 | 1015.4 | +6 | NEE | 4 | c | 48 | 75 | 6 | 5 | 3 | 46 | 7.8 | 1500 | 0 | * | 58 | 47 | - | Tr | - | | | | |
| | S. Farnborough ... | 226 | * | * | * | * | * | * | * | * | * | * | * | 1015.4 | +4 | NEEN | 3 | c | 45 | 65 | 8 | 5 | 3 | - | 7.8 | 9 | 4000 | 0 | * | 60 | 45 | - | - | 0.1 | | | | | |
| | Boscombe Down ... | 417 | 1015.5 | +10 | N'E | 3 | z. | 43 | 85 | 7 | 5 | 7 | - | 2.3 | 4.6 | 4000 | 1015.3 | +2 | NEN | 4 | bc | 44 | 75 | 7 | 5 | - | 2.3 | 2.3 | 5700 | 0 | * | 56 | 41 | - | - | - | | | |
| | Calshot (Stmntn.) ... | 8 | 1012.7 | -2 | NW | 3 | b | 48 | 85 | 8 | - | 3 | - | 0 | Tr | - | 1014.0 | +4 | NNE | 5 | c | 50 | 75 | 8 | 5 | 3 | 2.3 | 7 | 7200 | 0 | 2 | 59 | 47 | 44 | - | 5 | 4.2 | | |
| | Lympe ... | 346 | 1013.7 | +6 | NNE | 3 | c | 48 | 92 | 8 | 3 | 6 | 3 | 4.6 | 7.8 | 4000 | 1014.6 | +6 | NEEN | 3 | pr | 49 | 92 | 6 | 9 | - | 9 | 3 | 1500 | 1 | 4 | 59 | 47 | 44 | - | 5 | 4.2 | | |
| | Manston ... | 154 | 1013.3 | +10 | ENE | 3 | ir. | 53 | 85 | 7 | 9 | 4 | 3 | 4.6 | 9 | 2500 | 1014.3 | +6 | NEE | 5 | pr | 52 | 85 | 7 | 8 | 3 | 4.6 | 7.8 | 1500 | 1 | 4 | 59 | 47 | 44 | - | 5 | 4.2 | | |
| 2 | Shoeburyness ... | 11 | * | * | * | * | * | * | * | * | * | * | * | 1015.2 | +8 | N | 4 | pr | 48 | 92 | 8 | 8 | 3 | - | 7.8 | 9 | 2500 | 1 | 3 | 61 | 47 | 40 | 0.6 | 4 | 3.1 | | | | |
| | Felixstowe ... | 15 | * | * | * | * | * | * | * | * | * | * | * | 1015.2 | +8 | NE | 4 | pr | 49 | 75 | 8 | 9 | 6 | - | 7.8 | 7.8 | 1500 | 1 | 3 | 58 | 50 | 49 | Tr | 11 | - | | | | |
| | Gorleston ... | 5 | 1015.3 | +6 | NNE | 6 | bc | 51 | 85 | 7 | 1 | - | - | 2.3 | 2.3 | 2500 | 1016.4 | +10 | NNE | 6 | bc | 54 | 65 | 7 | 8 | - | 4.6 | 4.6 | 2500 | 1 | 4 | 55 | 50 | 49 | 6 | 3 | * | | |
| | Mildenhall ... | 19 | 1016.2 | +10 | NE | 2 | b | 41 | 85 | 7 | - | - | - | 0 | 0 | - | 1017.4 | +8 | NNE | 2 | bc | 40 | 85 | 7 | 5 | - | 4.6 | 4.6 | 5700 | 1 | * | 48 | 37 | - | 0.2 | 0.1 | - | | |
| | Cranwell ... | 240 | * | * | * | * | * | * | * | * | * | * | * | 1019.1 | +6 | NNE | 2 | b | 42 | 85 | 7 | 5 | 4 | - | Tr | Tr | 2500 | 0 | * | 40 | - | - | - | - | - | | | | |
| 3 | Birmingham ... | 535 | * | * | * | * | * | * | * | * | * | * | * | 1019.1 | +4 | N | 3 | m | 40 | 85 | 4 | - | - | - | 0 | 0 | - | 0 | * | 54 | 39 | 32 | 0.4 | - | 5.6 | | | | |
| | Upper Heyford ... | 408 | * | * | * | * | * | * | * | * | * | * | * | 1017.7 | +4 | NNE | 3 | b | 41 | 85 | 7 | - | 3 | - | 0 | Tr | - | 0 | * | 57 | 40 | - | - | - | * | | | | |
| 4 | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | * | * | 1018.1 | 0 | E | 1 | z. | 38 | 92 | 6 | - | - | - | 0 | 0 | - | 0 | * | 57 | 38 | 31 | - | - | 8.8 | | | | |
| 5 | Hartland Point ... | 299 | 1013.9 | +4 | NE | 5 | bc | 51 | 75 | 8 | 1 | - | - | 2.3 | 2.3 | 2500 | 1014.2 | +4 | NE | 6 | bc | 49 | 85 | 8 | 5 | 4 | - | 1 | 2.3 | 2500 | 0 | 3 | 56 | 48 | 46 | - | - | 9.3 | |
| | Bristol ... | 209 | * | * | * | * | * | * | * | * | * | * | * | 1016.9 | +2 | NNE | 1 | z. | 37 | 97 | 6 | - | 4 | - | 0 | Tr | - | 0 | * | 57 | 37 | 24 | - | - | 9.7 | | | | |
| | Portland Bill ... | 32 | 1013.2 | +2 | ENE | 4 | b | 49 | 85 | 8 | - | - | - | 0 | 0 | - | 1013.6 | +6 | ENE | 4 | bc | 49 | 85 | 8 | 5 | - | 4.6 | 4.6 | 4000 | 0 | 4 | 57 | 49 | * | - | - | * | | |
| | Plymouth ... | 82 | 1013.7 | +2 | ENE | 3 | z. | 49 | 75 | 6 | 8 | 6 | - | 7.8 | 7.8 | 2500 | 1012.2 | 0 | ENE | 6 | bc | 51 | 75 | 8 | 8 | 6 | - | 4.6 | 4.6 | 2500 | 0 | 4 | 58 | 48 | * | - | - | 8.8 | |
| | The Lizard ... | 240 | 1012.2 | +6 | ENE | 6 | c | 52 | 85 | 8 | 6 | - | - | 0 | 0 | - | 1011.5 | -2 | NEE | 5 | bc | 50 | 92 | 8 | 4 | - | 3 | 4.6 | 4.6 | 2500 | 0 | 3 | 60 | 49 | * | - | - | 9.4 | |
| | Scilly (St.Mary's) ... | 163 | 1012.0 | +2 | NEE | 5 | b | 51 | 85 | 7 | - | - | - | 0 | 0 | - | | | | | | | | | | | | | | | | | | | | | | | |
| | Guernsey ... | 175 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Pembroke ... | 142 | 1016.6 | +12 | EN | 5 | b | 47 | 85 | 7 | 1 | - | - | 1 | 1 | 4000 | 1016.8 | +2 | E | 5 | b | 45 | 85 | 8 | 1 | - | Tr | Tr | 4000 | 0 | 2 | 57 | 44 | * | - | - | 9.3 | | |
| 7 | Holyhead ... | 26 | | | | | | | | | | | | 1019.8 | +4 | E | 3 | bc | 48 | 85 | 8 | 2 | - | - | 4.6 | 4.6 | 2500 | 0 | 1 | | | | | | | | | | |
| | Chester(Sealand) ... | 16 | 1020.0 | +6 | NW | 1 | m | 39 | 85 | 4 | - | - | - | 0 | 0 | - | 1020.5 | +4 | - | 0 | 42 | 97 | 4 | - | - | 0 | 0 | - | 0 | * | 55 | * | * | 0.1 | - | - | | | |
| 8 | Manchester ... | 70 | * | * | * | * | * | * | * | * | * | * | * | 1020.6 | +6 | NE | 2 | b | 38 | 92 | 4 | - | 4 | - | 0 | Tr | - | 1 | * | 56 | 36 | - | Tr | - | - | | | | |
| 10 | Spurn Head ... | 29 | 1018.1 | +8 | ENE | 4 | bc | 50 | 65 | 7 | 8 | 4 | - | 2.3 | 4.6 | 2500 | 1018.9 | +4 | NEE | 4 | bc | 51 | 55 | 8 | 4 | 4 | - | 2.3 | 4.6 | 2500 | 0 | 4 | 55 | 49 | * | 7 | - | 1.3 | |
| | Catterick ... | 175 | * | * | * | * | * | * | * | * | * | * | * | 1021.3 | +6 | NW | 1 | pr | 43 | 97 | 6 | 3 | 3 | - | 7.8 | 7.8 | 2500 | 1 | * | * | * | * | 1 | - | | | | | |
| | Tynemouth ... | 108 | 1020.2 | +8 | NE | 4 | bc | 50 | 75 | 8 | 2 | - | - | 4.6 | 4.6 | 2500 | 1021.2 | +8 | NE | 4 | bc | 50 | 75 | 7 | 2 | - | 4.6 | 4.6 | 2500 | 1 | 2 | 52 | 45 | 41 | 1 | 0.1 | * | | |
| 11 | St. Abbs Head ... | 280 | 1021.5 | +4 | NNE | 3 | pr | 47 | 75 | 8 | 8 | 6 | - | 4.6 | 7.8 | 1500 | 1021.9 | +6 | NNE | 3 | c | 48 | 75 | 9 | 8 | 6 | - | 4.6 | 7.8 | 1500 | 0 | 2 | 50 | 41 | * | Tr | - | * | |
| | Leuchars ... | 36 | 1022.7 | +10 | WSW | 2 | bc | 38 | 92 | 8 | - | 3 | - | 0 | 4.6 | - | 1023.1 | +4 | N | 2 | bc | 37 | 92 | 9 | 5 | 3 | - | 2.3 | 4.6 | 4000 | 1 | * | 56 | 37 | - | Tr | - | | |
| 12 | Renfrew (Abbots I.) ... | 49 | 1023.4 | +14 | - | 0 | bc | 35 | 97 | 3 | - | - | * | 0 | 2.3 | - | 1024.3 | +10 | - | 0 | 28 | 97 | 2 | - | - | 0 | 0 | - | 0 | * | 55 | * | * | - | - | | | | |
| | Eskdalemuir ... | 794 | * | * | * | * | * | * | * | * | * | * | * | 1022.9 | +4 | - | 0 | bc | 37 | 97 | 8 | 5 | - | 1 | 4.6 | 4.6 | 1500 | 1 | * | * | 34 | 26 | 0.4 | - | - | 9.9 | | | |
| | Point of Ayre ... | 30 | 1020.9 | +6 | E | 4 | b | 50 | 85 | 8 | 2 | - | - | Tr | Tr | 4000 | 1021.4 | +2 | E | 4 | bc | 45 | 85 | 8 | 1 | - | 2.3 | 2.3 | 4000 | 0 | 3 | 56 | 48 | * | - | - | 8.2 | | |
| 13A | Tiree ... | 22 | * | * | * | * | * | * | * | * | * | * | * | 1022.0 | +2 | SSE | 1 | bc | 42 | 92 | 8 | 2 | 4 | 1 | 2.3 | 4.6 | 2500 | 0 | 1 | 52 | 38 | 26 | - | - | 10.9 | | | | |
| 13B | Stornoway ... | 80 | 1020.8 | 0 | SSE | 1 | c | 49 | 65 | 8 | 5 | 7 | - | 9 | 10 | 4000 | 1023.1 | +8 | W | 2 | c | 47 | 75 | 9 | 5 | 7 | - | 7.8 | 9 | 4000 | 1 | 1 | 52 | 41 | * | - | - | 2.4 | |
| 15 | Dalwhinnie ... | 1176 | * | * | * | * | * | * | * | * | * | * | * | 1023.3 | +8 | - | 0 | c | 28 | 92 | 8 | - | - | 1 | 0 | Tr | - | 0 | * | 49 | 27 | 22 | Tr | - | - | 1.7 | | | |
| | Aberdeen ... | 79 | * | * | * | * | * | * | * | * | * | * | * | 1023.5 | +12 | NW | 2 | bc | 37 | 92 | 7 | 5 | - | 5 | 2.3 | 2.3 | 4000 | 1 | 1 | 52 | 36 | 33 | 0.1 | - | - | 5.8 | | | |
| | Wick ... | 81 | 1022.1 | +2 | N | 2 | c | 43 | 85 | 7 | 5 | 7 | - | 4.6 | 9 | 1500 | 1022.3 | +8 | W | 3 | c | 46 | 75 | 9 | 5 | 7 | - | 7.8 | 9 | 2500 | 1 | 1 | 49 | 36 | * | 0.1 | - | | |
| 16 | Lerwick ... | 156 | 1019.9 | +2 | NNW | 3 | bc | 45 | 85 | 8 | 5 | 3 | - | 4.6 | 4.6 | 1500 | 1020.6 | +6 | W | 1 | c | 47 | 85 | 8 | 8 | 7 | - | 4.6 | 7.8 | 1500 | 1 | * | 51 | 44 | * | 1 | 6.7 | | |
| 17 | Blacksod Point ... | 18 | 1020.3 | +6 | E | 3 | b | 48 | 75 | 8 | - | - | - | 0 | 0 | - | 1019.8 | 0 | E | 3 | bc | 48 | 75 | 8 | 4 | - | 1 | 2.3 | 4000 | 0 | 2 | 57 | 44 | * | - | - | * | | |
| 18 | Malin Head ... | 84 | 1022.1 | +4 | S | 2 | c | 43 | 85 | 8 | 2 | - | 1 | 4.6 | 7.8 | 5700 | 1022.2 | +2 | S | 3 | bc | 39 | 85 | 8 | 4 | - | 1 | 2.3 | 4.6 | 5700 | 0 | 2 | 51 | 36 | * | - | - | 10.2 | |
| | Aldergrove ... | 268 | * | * | * | * | * | * | * | * | * | * | * | 1022.2 | +4 | - | 0 | b | 37 | 92 | 8 | 1 | - | 1 | Tr | Tr | 4000 | 1 | * | 54 | 34 | - | - | - | - | | | | |
| 19 | Birr Castle ... | 173 | * | * | * | * | * | * | * | * | * | * | * | 1019.1 | 0 | NE | 1 | b | 38 | 97 | 8 | - | 4 | - | 0 | 1 | - | 0 | * | 57 | 36 | 24 | - | - | 8.8 | | | | |
| 20 | Valentia Obse. † | 30 | 1017.1 | +4 | E | 3 | b | 46 | 75 | 9 | - | - | - | 0 | 0 | - | 1016.8 | +6 | ENE | 3 | b | 47 | 75 | 8 | 1 | - | Tr | Tr | 4000 | 0 | 2 | 55 | 45 | 39 | - | - | 5.8 | | |
| | Roches Point | 22 | * | * | * | * | * | * | * | * | * | * | * | 1016.7 | +2 | EN | 3 | bc | 48 | 85 | 8 | 2 | - | - | 4.6 | 4.6 | 2500 | 0 | 3 | 58 | 46 | * | 0.4 | - | - | * | | | |

| LONDON OBSERVATIONS. | | | | | | | | | | | | | Height above M.S.L. in feet. | Weather. | | | Temperature. | | | Rainfall. | | Sun- shine to Sunset. hrs. | Humidity. | | Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. | EXPLANATION of FIGURES, LETTERS, etc. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h. | | | | | | | | | | | | | | Morning. | Afternoon. | Night. | Day Max. | Night Min. | Min. on Grass °F. | Day. | Night. | | Yesterday. | To-day. | | 24 hrs. ended 7h. G.M.T. 3rd | COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar. | | | | COLUMNS 4, 18. THE BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground. | | | | | | COLUMNS 8, 22—Code for surface visibility. Objects not visible at | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | °F. | °F. | mm. | mm. | 15h. G.M.T. % | 9h. G.M.T. % | Max. | Time. | Min. | Time. | 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 31m. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 24 hrs. ended 9h. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | </ |

TERMS OF SUBSCRIPTION. { Single Copies, 1d. each: by post 1½d.
 { 2/6 per month; 6/6 per quarter; 25/- per year.

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

N. K. JOHNSON, D.Sc., A.R.C.S., Director.

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

BRITISH SECTION

Wednesday, 4th October, 1939.

No. 28440.

| OBSERVATIONS at 13h. G.M.B.T. October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.B.T. October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|--|--|---|--|--|---|--------------------|--|--|--|--|---|---------------------------------------|---|---|-------|---|----------------------|--|--|---|--|---|--|------------------------------------|----------------------|---|------------------------|--|---|--|--|----|---|--|--|----|---|---|----|--|--|--|-----|---|-----|--|----|---|---|--|----|---|----|---|----|---|--|----|---|----|---|---|
| District. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | State of Ground. 0-9 (29) | Sea. Wind (30) | WEATHER. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Direc. | Force. 0-12 (4) | | | | | Form. | Amount. Low Total 0-10 0-10 (10) (11) (12) (13) | Height Base (feet) (14) | Direc. | | | Force. 0-12 (18) | Form. | | | | | Amount. Low Total 0-10 0-10 (24) (25) (26) (27) | Height Base (feet) (28) | 7h.-13h. 3rd (37) | 13h.-18h. 3rd (38) | | | 18h.-7h. 3rd (39) | 1h.-7h. 3rd (40) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) 1016.4 -4 ENE 5 Ir. 54 65 7 2 5 - 9+ 9+ 220 1016.9 +6 ENE 4 20 53 75 5 5 - 4.6 4.6 1500 0 bcbz.cpr.cpr.bcz bc.prcz.cz cbcbz | Croydon ... 1016.3 +6 EN 3 pr 51 52 6 3 6 - 7.8 9 2500 1016.0 +2 EN 3 20 52 85 6 2 6 - 2.3 2.3 2500 1 czbz.ph bcn.prs bcbbcmo bmbc | S. Farnborough 1015.7 ENE 3 pr 55 55 6 8 - 9+ 9+ 2500 1015.0 0 EN 3 20 52 75 6 4 - 4.6 4.6 2500 0 obbcyc cpr.bz bcnmo bmbc | Boscombe 1015.3 -4 ENE 4 C 55 65 7 5 7 - 7.8 9 2500 1014.8 +6 ENE 3 20 50 85 6 4 - Tr Tr 2500 0 bbc cbc bcnmo cmobc | Calshot (Solent) 1014.8 -2 NEE 4 C 58 75 8 8 3 - 7.8 9+ 2500 1013.8 +2 NE 4 20 55 75 6 3 1 0 1 - bcir.c bc.bmo | Lymington 1016.3 +6 ENE 4 C 53 75 6 8 - 9+ 9+ 2500 1016.2 +2 EN 4 C 52 75 7 8 - 9 9 2500 0 cprn.z czobco bczz.bbb bccc | Manston 1016.7 +6 E 3 34 85 6 8 - 9+ 9+ 1500 1016.6 +6 EN 4 20 53 75 6 8 - 4.6 4.6 4000 0 przcmo bcz ozobco bcc | 2 | Shoeburyness 1016.9 0 NE 4 C 52 92 8 5 - 10 10 1500 1016.8 0 ENE 5 bc 54 85 8 2 - 4.6 4.6 2500 1 cprc bccpbc bcp bcc | Felixstowe ... 1016.2 +6 NNE 4 pr 57 65 7 8 - 7.8 7.8 2500 1016.8 +2 EN 4 C 55 75 7 8 - 7.8 7.8 2500 1 4 bccpro cbcc cbc bccbc | Gorleston 1017.7 * NE'E 4 C * * 8 2 3 * 4.6 7.8 4000 1018.1 +4 EN 3 bc 51 85 7 8 3 - 4.6 4.6 4000 1 bccbc bccpbc bcw bcb,c | Mildenhall 1019.6 -2 EN 4 bc 57 55 8 1 - 2.3 2.3 4000 1019.3 -2 ENE 2 20 49 97 6 7 6 - 4.6 4.6 1500 0 b.cbc bcprbc bcwmb bmb | Cranwell 1019.6 -2 EN 4 bc 57 55 8 1 - 2.3 2.3 4000 1019.3 -2 ENE 2 20 49 97 6 7 6 - 4.6 4.6 1500 0 mbbc bcc cb b | 3 | Birmingham 1018.6 -6 ENE 4 C 54 45 8 7 6 - 4.6 7.8 2500 1017.7 0 NE 4 C 51 65 6 5 - 7.8 7.8 2500 0 bcc bccpbc bmbcm bmo | Upper Heyford 1017.4 -6 ENE 5 C 56 55 8 7 - 7.8 7.8 4000 1016.8 -2 NE 3 b 49 85 7 5 - 1 1 4000 0 bcc bccpbc bmbcm bmo | 4 | Ross-on-Wye 1016.3 -8 ENE 4 bc 55 55 8 1 - 4.6 4.6 4000 1016.1 -8 ENE 4 C 52 65 9 5 - 7.8 7.8 2500 0 bzbbyc bcycbc bcb bw | 5 | Hartland Point 1018.1 -14 ENE 6 bc 54 65 8 1 4 - 1 2.3 2500 1011.8 -4 NE 6 bc 56 65 8 5 - 4.6 4.6 2500 0 3 bc bccbc bc bcc | Bristol ... 1015.3 -14 NE 4 bc 56 55 8 7 4 - 4.6 4.6 4000 1014.8 +2 ENE 3 C 51 75 7 5 4 - 4.6 7.8 4000 0 prbcy bcy cbc | Portland Bill 1012.6 -2 NE 6 C 56 75 8 2 - 10 10 4000 1011.8 -10 E 6 C 57 85 8 5 - 10 10 2500 1 5 bcc e c cm cm | Plymouth 1013.2 -2 ENE 5 C 56 75 8 5 3 - 4.6 7.8 2500 1011.6 0 * * C 56 65 7 9 - 7.8 * 1500 0 2 bbc bccpbc cm cm | The Lizard 1014.5 -8 ENE 6 C 57 75 8 8 6 - 7.8 9+ 2500 1009.9 -8 ENE 7 C 56 75 7 9 8 - 7.8 7.8 2500 0 4 C cprc cbc bccpbc | Scilly (St. Mary) 1011.1 -10 ENE 6 bc 57 85 8 8 6 - 4.6 4.6 2500 1009.5 -6 ENE 5 C 56 85 7 8 6 - 4.6 9+ 1500 0 3 bccbc bcc cbc c | Guernsey | 6 | Pembroke 1016.1 -6 E 4 b 55 65 8 1 - 1 1 4000 1015.0 -12 EN 5 bc 53 65 8 5 - 2.3 2.3 2500 0 2 b bcc bc bccq | 7 | Holyhead 1019.2 -10 ENE 5 C 56 65 7 2 - 7.8 7.8 2500 1017.9 -2 E 4 bc 53 65 7 8 - 4.6 4.6 2500 0 bcypc cbc bcb b | 8 | Chester (Seale) 1019.7 -12 NE'E 3 20 56 45 6 2 - 4.6 4.6 4000 1019.2 +2 ENE 2 20 48 65 6 5 3 - 4.6 4.6 5700 bmbcm bccpbc bmbcm bmbcm | Manchester 1020.2 -6 E 4 20 56 55 6 8 3 - 4.6 4.6 4000 1019.4 -2 EN 4 20 51 55 6 5 - 2.3 2.3 4000 bmbcm bccpbc bmbcm bmbcm | 10 | Spurn Head 1020.4 +2 ENE 4 bc 57 55 8 4 4 - 2.3 4.6 4000 1019.8 +2 EN 5 pr 52 85 7 8 - 7.8 7.8 800 1 4 prbc bccpbc prgc cqr | Catterick 1021.5 -4 SE 2 bc 54 65 7 3 - 4.6 4.6 2500 1021.7 +4 SE 1 bc 47 75 8 4 4 1 1 2.3 4000 1 prambc bcyc bc bcc | Tynemouth 1022.7 0 E 3 pr 50 85 8 2 - 4.6 4.6 2500 1022.5 0 E 3 bc 52 65 8 2 - 4.6 4.6 2500 1 2 bcpo bc bc bcc | 11 | St. Abbs Head 1023.7 +4 NNE 2 C 51 65 9 8 6 - 4.6 7.8 2500 1023.3 0 SE 3 pr 50 75 9 4 6 9 4.6 9 2500 0 2 C bccpbc bcc bccw bccw | Leuchars 1023.7 -2 ENE 2 bc 55 65 9 8 - 2.3 2.3 4000 1023.1 0 E 2 C 50 75 9 8 - 9 9 4000 1 bccpbc bcc bccw bccw | 12 | Beafre (Abbe) 1023.3 -14 ENE 2 bcf 50 65 7 5 - 4.6 4.6 4000 1022.0 -2 E 2 C 49 75 7 5 - 4.6 7.8 4000 0 bccpbc bccpbc bccpbc bccpbc | Esksdalemuir 1022.3 -4 ENE 3 C 50 65 8 8 - 9 9 2500 1021.9 0 ENE 2 C 46 85 8 5 - 9 9 1500 1 bcwbc cprc cbc bcc | Point of Aynoh 1021.5 -4 ES 3 bc 53 65 8 2 - 2.3 2.3 4000 1019.9 -10 SE 5 C 55 75 8 4 - 7.8 9+ 2500 0 3 bc bcc bcc bcc | 13A | Tiree ... 1021.9 -2 SE 3 bc 54 65 8 1 4 5 2.3 4.6 4000 1020.9 -4 ESE 2 bc 47 75 8 7 4 5 2.3 2.3 4000 0 2 cbc bc bc bc | 13B | Stornoway 1022.5 -6 S 4 C 52 65 9 5 7 - 7.8 9 4000 1021.9 -2 S 3 bc 51 75 8 5 - 5 4.6 4.6 4000 0 2 C cbc bcb b | 15 | Dalwhinnie 1023.4 -10 S 3 bc 51 45 8 4 - 8 1 2.3 4000 1023.6 -2 S 3 bc 41 75 8 4 - 2 1 4.6 4000 0 b. bc bcc | Aberdeen 1023.8 -2 SE'E 2 bc 55 55 8 8 - 8 4.6 4.6 4000 1023.5 0 SE 1 bc 49 75 6 1 - 2 1 2.3 4000 1 1 bczobc bcbz bzbz bczc | Wick ... 1022.9 -4 S 3 bc 54 65 9 3 3 8 2.3 4.6 2500 1022.5 -2 SE 3 bc 51 75 8 5 1 8 2.3 4.6 2500 1 1 cbc bc bcb bcc | 16 | Lerwick ... 1022.0 +4 SW 4 C 51 75 9 3 7 - 7.8 9+ 1500 1022.6 +4 WSW 4 C 50 75 8 5 7 - 4.6 7.8 1500 0 cpr c bcb bcb | 17 | Blacksod Point 1019.6 -8 SE 3 bc 57 55 9 1 - 4.6 4.6 2500 1017.1 -10 SE 3 bc 55 45 9 4 - 2.3 2.3 4000 0 3 bc bc bc bc | 18 | Malin Head 1021.3 -4 E 4 bc 53 65 8 2 - 4 4.6 4.6 5700 1020.5 -6 E 3 bc 50 65 8 8 - 4.6 4.6 5700 0 2 bccbc bc bccbc cbc | Aldergrove 1021.6 -6 ENE 3 C 51 65 9 7 - 7.8 7.8 4000 1020.3 -4 EN 2 b 47 75 8 5 - Tr Tr 4000 1 bbed cbc bccbc cbc | 19 | Birr Castle 1018.5 -6 ESE 4 bc 57 55 8 2 - 4.6 4.6 1500 1017.0 -6 ENE 3 C 52 75 8 5 - 7.8 7.8 1500 0 bccy bcc cb bccx | 20 | Valentia Obs 1016.0 -10 E 4 bc 57 45 8 7 - 2.3 2.3 4000 1014.3 -8 E 4 b 52 55 9 1 - Tr Tr 4000 0 2 bby by bcc bcc | Roches Point 1016.5 -8 E 6 bc 57 65 9 2 - 4.6 4.6 2500 1014.6 -10 EN 4 b 52 65 8 1 - 1 1 4000 0 3 bc beb bcc ccir |

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

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, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s/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, slight rain.
rr, continuous rain.
<, less than (for cloud height). /gate.
☉ 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.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

- 0 No low clouds.
- 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.

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.
Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.
An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.
"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.
"9+" signifies an overcast sky with a few small openings.

† Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

- 0 No medium clouds.
- 1 Typical As (thin).
- 2 Typical As (thick) (sun or moon invisible), or Nimbostratus (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.

Cloud form abbreviations:—

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

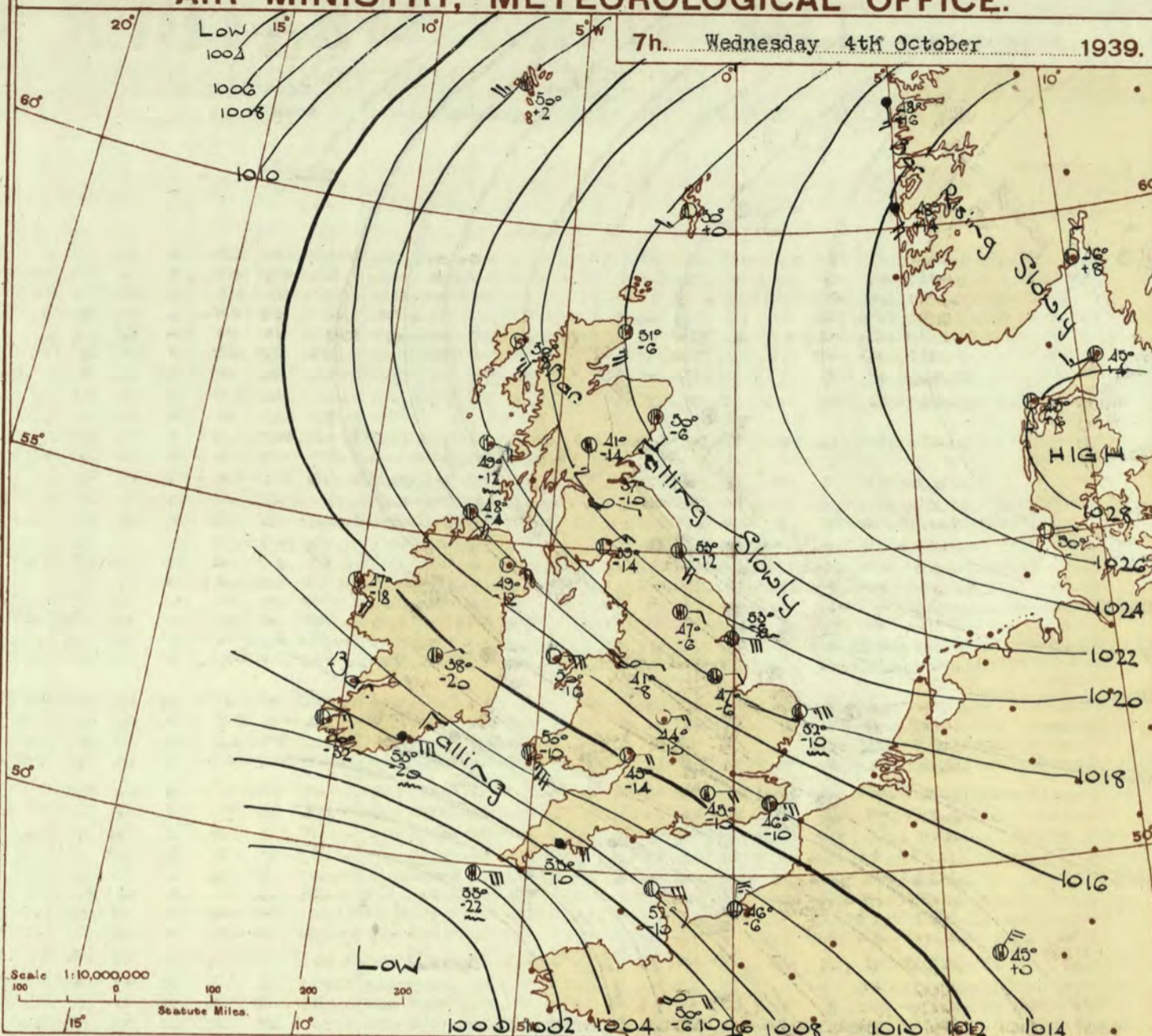
COLUMN 29.—STATE OF GROUND.

- 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., but ground frozen.
- 9 .. " covered with snow greater than 6 ins. deep.
- .. Fresh snow has fallen in the mountains.

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 4th October 1939.



Mb
1050
1040
1030
1020
1010
1000
990
980
970
960
950
940
930

| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th October, 1939. |
|--|---|
| 1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ... | Fresh east wind, strong to gale on coasts, veering southeast or south and decreasing later; occasional rain at first, bright intervals and showers later; local thunder; rather cold, becoming warmer. |
| 7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. | Fresh east wind, strong to gale on coasts, veering southeast and decreasing later; mainly fine at first, occasional rain later with perhaps local thunder; rather cold, becoming milder except near the east coast. |
| 13 { A.W.Scotld. B.N.W.Scotland. 14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands | Freshening south to southeast wind; fair at first; local showers later, average temperature. |
| 17 N.W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland | Fresh east wind, strong to gale on coasts, veering southeast and decreasing later; occasional rain at first, bright intervals and showers later; local thunder, becoming warmer. |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred over Denmark is moving slowly southeast. A deepening depression southwest of the Scilly Isles and an associated trough of low pressure over Central France are moving slowly north. Weather will be fair at first in the North but rain will occur later in South and Midlands. There will be rain at first followed by showers and bright intervals.

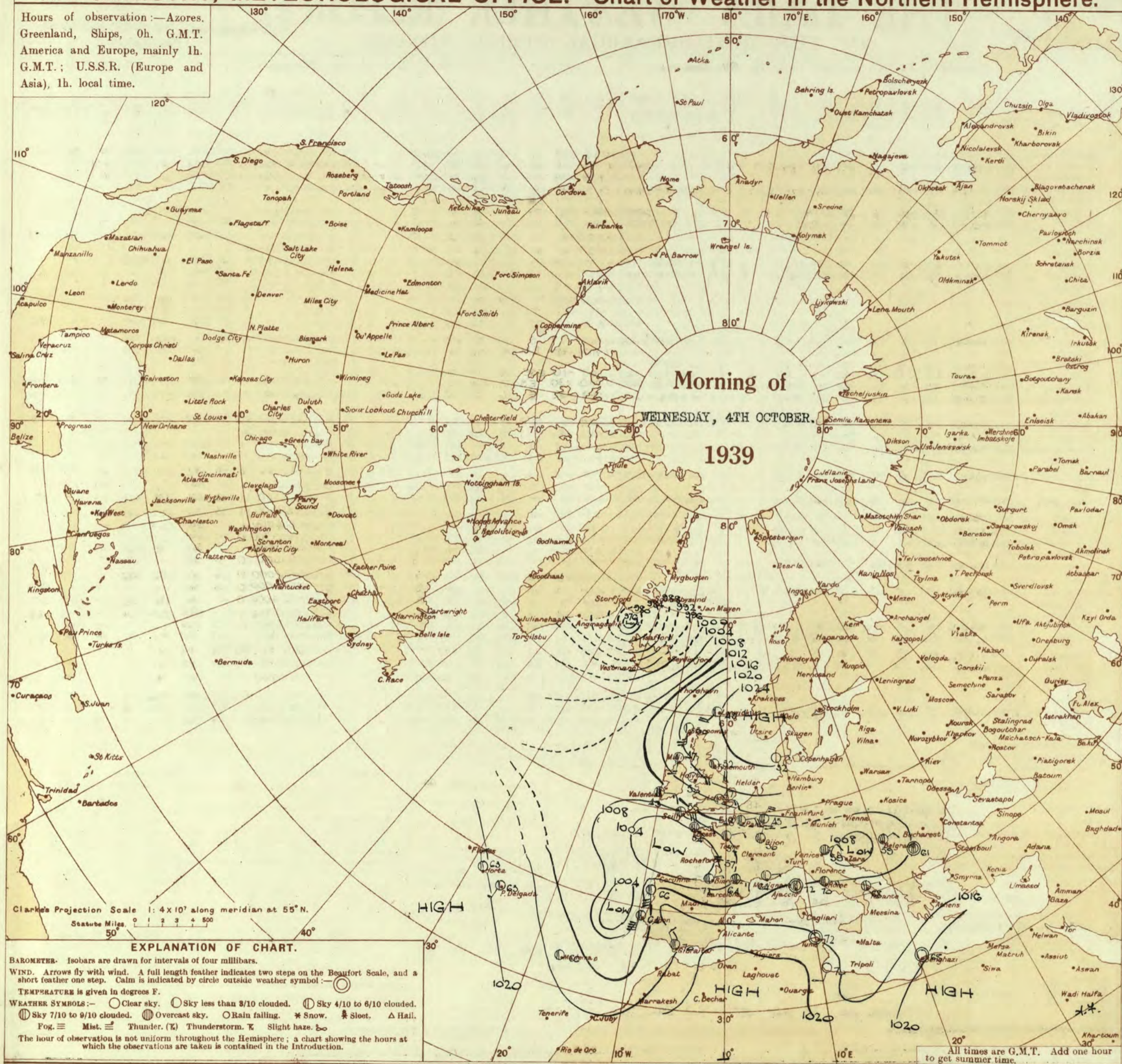
FURTHER OUTLOOK.

Bright intervals and showers.

Forecasts issued at 1015 G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S. Director.
H.M.S.O. Press, Cornwall House, S.E.1. G 47/2700 H. 2105. D. 4426. G. 3-3 5/39

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday, 4th October, 1939.

No. 28440.

| OBSERVATIONS at 1 hr. G.M.T. 4th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 4th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | Barom. at M.S.L. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | State of ground. | Sea. | TEMPERATURE. | | RAINFALL. | | SUN-SHINE Hrs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | Direc. | | | Force. | Form. | | | | | Amount. | Height of Base (feet). | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | | | Mfn. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | (3) | | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29) | (30) | (31) | (32) | (33) | (34) | (35) | (36) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) | 18 | * | * | * | * | * | * | * | * | * | * | 1013.5 | -18 | E | 4 | z | 49 | 65 | 6 | 5 | - | - | 2-3 | 2-3 | 2500 | 0 | 57 | 48 | 44 | Tr | Tr | 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

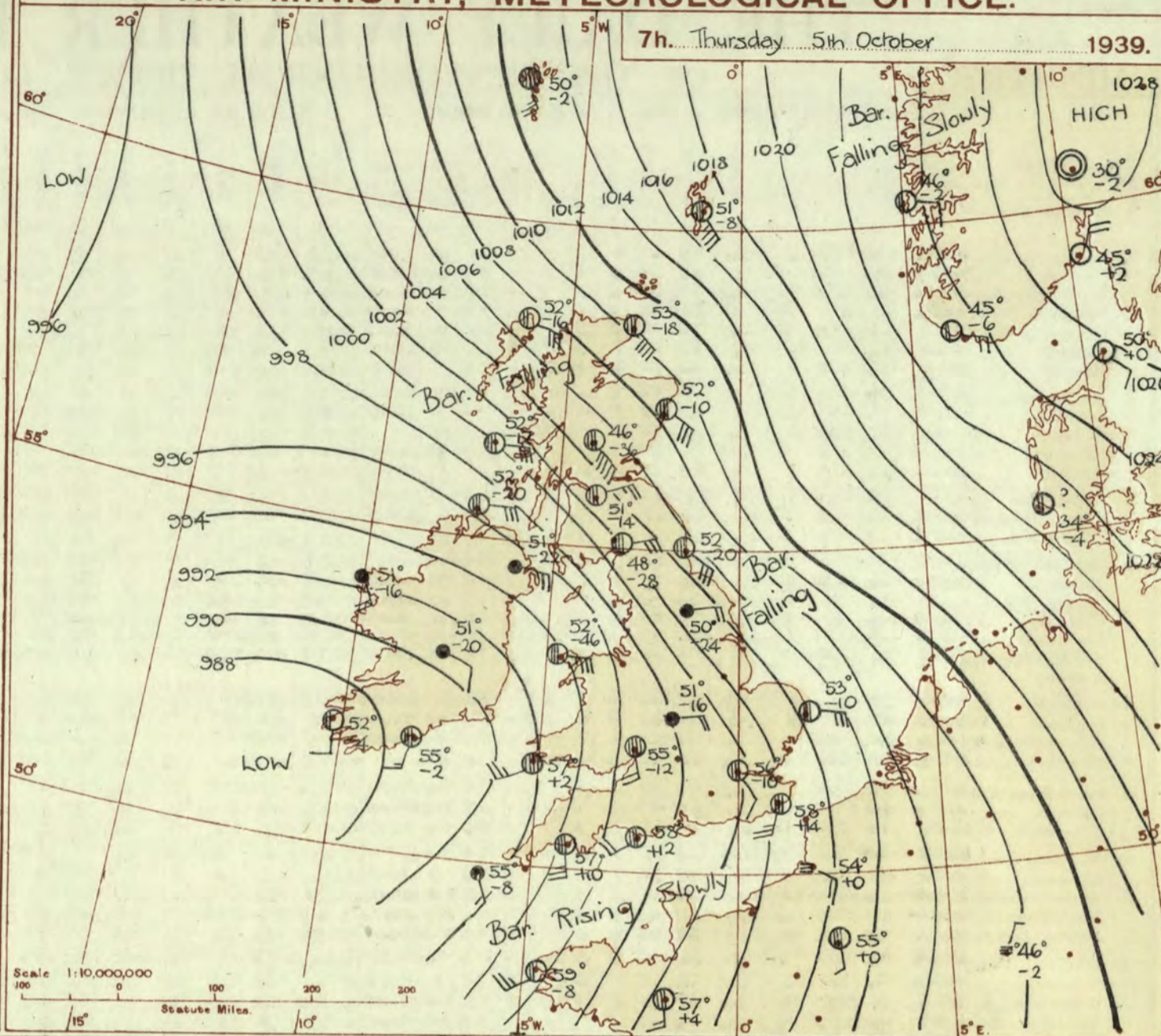
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 5th October 1939.
No. 28441.

| OBSERVATIONS at 13h. G.M.T. 4th October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 4th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | |
|---|--------------------------------------|--------------------------------------|------------------------------|--------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|---|------------------------|---|---|-------------------------------|--------|--------|------------------------|----------------------|---------------------|----------------------------|--------|-------|---|---|---|----------|-------------------------|--------------------------|-------------------------------|------------------------|---------|----------|---------|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | Height of Base. (feet) (14) | Barom. at M.S.L. mb. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | Height of Base. (feet) (28) | State of Ground. 0-9 (29) | WEATHER. | | | | | | | | | | | | | | |
| | | | | Direc. | Force. 0-12 (4) | | | | | Form. | Amount. Low 0-10 (10) Med. 10-19 (11) High 20-100 (12) | Total 0-100 (13) | | | | | Direc. | Force. 0-12 (17) | | | | | Form. | Amount. Low 0-10 (23) Med. 10-19 (24) High 20-100 (25) | Total 0-100 (26) | Height of Base. (feet) (27) | | 7h.—13h. ... (37) | 13h.—18h. ... (38) | 18h.—4th to 1st... (39) | 1h.—7h. ... (40) | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1009.8 | -2.0 | E'S | 5 | 20 | 53 | 65 | 6 | 8 | - | 10 | 2500 | 1006.0 | -2.0 | E | 4 | 2 | 53 | 65 | 6 | 8 | - | 7-8 | 10 | 1500 | 0 | * | czo/czo | czo | crro/cr | ro/croc | | | | | | | | | |
| | Croydon ... | 1009.9 | -2.2 | E'N | 4 | 20 | 52 | 75 | 6 | 8 | 7 | - | 7-8 | 94 | 2500 | 1006.8 | -1.4 | E'S | 3 | 51 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 1500 | 0 | * | bccz. | czo | RR/Lrr | do/cro | | | | | | | |
| | S. Farnborough | 1008.6 | -2.6 | E'N | 4 | 20 | 53 | 65 | 6 | 7 | 3 | - | 7-8 | 94 | 4000 | 1005.9 | -1.6 | E | 4 | 51 | 75 | 6 | 5 | 2 | - | 10 | 10 | 1500 | 1 | * | bccz. | czo | cro/cro | cro/T | | | | | | | |
| | Boscombe Down | 1007.2 | -2.2 | E | 4 | 20 | 52 | 65 | 8 | 5 | 7 | - | 7-8 | 9 | 4000 | 1004.0 | -1.6 | E | 3 | 49 | 85 | 6 | 5 | 2 | - | 10 | 10 | 800 | 1 | * | bcc | Cirrus | ortmomo | ortro/c | | | | | | | |
| | Calshot (Soton.) | 1007.1 | -2.2 | E'N | 6 | 20 | 52 | 75 | 6 | 5 | 7 | - | 10 | 10 | 1500 | 1003.6 | -1.8 | E'N | 5 | 52 | 92 | 6 | 5 | 2 | - | 10 | 10 | 800 | 1 | 4 | cm. | m. cum | R. lrr | rr/cro | | | | | | | |
| | Lympe ... | 1011.0 | -2.2 | E | 5 | 20 | 52 | 75 | 7 | 1 | 3 | 4 | 2-3 | 7-8 | 2500 | 1007.7 | -1.8 | E'S | 5 | 52 | 75 | 6 | 5 | 2 | - | 2-3 | 10 | 2500 | 0 | * | bc | bc/czo | orr pr R | cro/cro | | | | | | | |
| | Manston ... | 1011.0 | -2.2 | E'S | 4 | 20 | 52 | 75 | 6 | 5 | 3 | 1 | 7-8 | 9 | 1500 | 1008.0 | -1.0 | ESE | 5 | 52 | 75 | 6 | 5 | 2 | - | 7-8 | 10 | 1500 | 0 | * | bccz. | bc/czo | irr | irr | | | | | | | |
| 2 | Shoeburyness ... | 1011.8 | -1.6 | E | 6 | 20 | 52 | 85 | 8 | 5 | - | - | 10 | 10 | 1500 | 1008.1 | -2.0 | E'S | 5 | 55 | 85 | 6 | 5 | 7 | - | 7-8 | 10 | 1500 | 0 | * | c | cm | cm | RR cm | | | | | | | |
| | Felixstowe ... | 1012.4 | -2.6 | E | 6 | 20 | 52 | 75 | 7 | 4 | - | - | 94 | 94 | 2500 | 1008.3 | -1.4 | ESE | 5 | 55 | 85 | 6 | 5 | 3 | - | 1 | 4-6 | 2500 | 0 | 4 | c | cm | cm | cm | | | | | | | |
| | Gorleston ... | 1014.6 | -1.8 | E'N | 7 | 20 | 52 | 75 | 7 | 1 | - | - | 0 | 2-3 | - | 1010.8 | -1.4 | E | 6 | 54 | 85 | 7 | 1 | - | - | 2-3 | 2-3 | 2500 | 0 | 5 | bccy | bccy | cm | cm | | | | | | | |
| | Mildenhall ... | 1012.4 | -3.0 | E'S | 5 | 20 | 52 | 65 | 7 | 7 | - | - | 4-6 | 4-6 | 2500 | 1008.3 | -1.4 | E'S | 4 | 50 | 75 | 6 | 5 | 2 | - | 2-3 | 2-3 | 5700 | 0 | * | bcc | bcc | cm | cm | | | | | | | |
| | Cranwell ... | 1013.1 | -2.8 | E'S | 5 | 20 | 54 | 65 | 8 | 1 | - | - | 1 | 1 | 4000 | 1009.3 | -1.8 | E'S | 5 | 49 | 75 | 6 | 5 | 2 | - | 2-3 | 4-6 | 4000 | 0 | * | b | bcc | cm | cm | | | | | | | |
| 3 | Birmingham ... | 1010.1 | -2.4 | E'NE | 5 | 20 | 51 | 55 | 6 | 5 | 7 | - | 2-3 | 9 | 1500 | 1006.6 | -1.4 | E | 4 | 50 | 65 | 6 | 5 | 7 | - | 7-8 | 10 | 1500 | 0 | * | bcc | c | cm | cm | | | | | | | |
| | Upper Heyford | 1010.5 | -2.2 | E'S | 5 | 20 | 53 | 65 | 7 | 1 | 7 | 9 | 2-3 | 9 | 2500 | 1003.6 | -2.2 | E | 4 | 49 | 85 | 6 | 5 | 2 | - | 4-6 | 10 | 1500 | 0 | * | bcc | cm | cm | cm | | | | | | | |
| 4 | Ross-on-Wye ... | 1007.8 | -2.4 | E'N | 5 | 20 | 53 | 55 | 7 | 1 | 7 | - | Tr | 94 | 2500 | 1004.7 | -1.6 | E'N | 5 | 50 | 75 | 6 | 5 | 2 | - | 10 | 10 | 1500 | 0 | * | bcc | cm | cm | cm | | | | | | | |
| 5 | Hartland Point | 1000.3 | -3.0 | E'NE | 8 | 20 | 48 | 85 | 7 | 6 | 2 | - | 4-6 | 94 | 1500 | 998.0 | -1.2 | E'NE | 7 | 50 | 85 | 7 | 6 | 2 | - | 4-6 | 10 | 1500 | 0 | 4 | cir | cir | cm | cm | | | | | | | |
| | Bristol ... | 1007.0 | -2.6 | E'N | 5 | 20 | 53 | 65 | 7 | 5 | 7 | - | 4-6 | 94 | 4000 | 1003.1 | -2.2 | E'S | 4 | 50 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 1500 | 0 | * | bcc | cm | cm | cm | | | | | | | |
| | Portland Bill ... | 1004.1 | -2.0 | E | 7 | 20 | 54 | 52 | 7 | 5 | - | - | 10 | 10 | 1500 | 1000.9 | -2.0 | ESE | 7 | 56 | 85 | 7 | 5 | 2 | - | 10 | 10 | 1500 | 1 | 5 | co | cm | cm | cm | | | | | | | |
| | Plymouth ... | 1002.3 | -1.6 | E | 4 | 20 | 55 | 85 | 6 | 5 | 2 | - | 10 | 10 | 800 | 999.3 | -1.4 | E | 4 | 56 | 85 | 7 | 5 | 2 | - | 10 | 10 | 1500 | 1 | 3 | co | cm | cm | cm | | | | | | | |
| | The Lizard ... | 999.6 | -2.4 | E'S | 7 | 20 | 55 | 92 | 6 | 5 | 2 | - | 9 | 10 | 1500 | 998.3 | -2.0 | E'S | 6 | 56 | 85 | 7 | 5 | 2 | - | 10 | 10 | 1500 | 1 | 3 | co | cm | cm | cm | | | | | | | |
| | Scilly (St. Mary's) | 997.8 | -2.2 | ESE | 6 | 20 | 55 | 92 | 6 | 5 | - | - | 10 | 10 | 1500 | 995.4 | -1.0 | ESE | 5 | 55 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 1500 | 1 | 4 | cir | cir | cm | cm | | | | | | | |
| | Guernsey ... | 1003.0 | -2.4 | E | 8 | 20 | 53 | 65 | 6 | 5 | 2 | - | 7-8 | 94 | 2500 | 999.2 | -2.4 | ESE | 8 | 52 | 65 | 5 | 8 | 2 | - | 7-8 | 94 | 1500 | 1 | 4 | cir | cir | cm | cm | | | | | | | |
| 6 | Pembroke ... | 1007.1 | -3.8 | E | 8 | 20 | 54 | 65 | 8 | 8 | 3 | - | 2-3 | 2-3 | 4000 | 1003.1 | -1.8 | E | 7 | 53 | 65 | 7 | 6 | - | - | 94 | 10 | 1500 | 0 | 4 | bcc | bcc | cm | cm | | | | | | | |
| 7 | Holyhead ... | 1007.1 | -3.8 | E | 8 | 20 | 54 | 65 | 8 | 8 | 3 | - | 2-3 | 2-3 | 4000 | 1003.1 | -1.8 | E | 7 | 53 | 65 | 7 | 6 | - | - | 94 | 10 | 1500 | 0 | 4 | bcc | bcc | cm | cm | | | | | | | |
| | Chester (Sealand) | 1010.6 | -3.2 | ESE | 6 | 20 | 56 | 45 | 6 | 1 | - | - | Tr | Tr | 2500 | 1007.2 | -1.8 | E | 4 | 50 | 65 | 6 | 5 | 3 | - | 7-8 | 94 | 2500 | 0 | * | bcc | bcc | cm | cm | | | | | | | |
| 8 | Manchester ... | 1011.9 | -3.0 | E'S | 6 | 20 | 56 | 45 | 6 | - | - | - | 0 | 0 | - | 1007.6 | -1.8 | E | 5 | 51 | 65 | 5 | 5 | 3 | - | 2-3 | 7-8 | 2500 | 0 | * | bcc | bcc | cm | cm | | | | | | | |
| 10 | Spurn Head ... | 1014.2 | -2.0 | ESE | 7 | 20 | 53 | 55 | 7 | 5 | - | - | 4-6 | 4-6 | 4000 | 1009.8 | -1.0 | ESE | 7 | 53 | 55 | 7 | 8 | 8 | - | 4-6 | 7-8 | 2500 | 0 | 5 | cir | cir | cm | cm | | | | | | | |
| | Catterick ... | 1015.6 | -2.2 | ESE | 5 | 20 | 53 | 45 | 9 | 5 | - | - | 7-8 | 7-8 | 4000 | 1012.2 | -1.8 | E'N | 2 | 47 | 65 | 8 | - | 4 | - | 0 | 1 | - | 1 | * | cir | cir | cm | cm | | | | | | | |
| | Tynemouth ... | 1017.7 | -1.4 | SE | 6 | 20 | 54 | 65 | 8 | 2 | - | - | 4-6 | 4-6 | 2500 | 1014.3 | -1.6 | SE | 6 | 52 | 65 | 7 | 2 | - | - | 4-6 | 4-6 | 2500 | 1 | 3 | cir | cir | cm | cm | | | | | | | |
| 11 | St. Abbs Head | 1016.9 | -2.4 | SE | 7 | 20 | 52 | 65 | 8 | 7 | 6 | - | 4-6 | 4-6 | 1500 | 1012.9 | -1.4 | SE | 8 | 51 | 65 | 8 | 8 | 6 | - | 7-8 | 9 | 1500 | 0 | 5 | bcc | cir | cm | cm | | | | | | | |
| | Leuchars ... | 1018.2 | -1.8 | ESE | 4 | 20 | 51 | 85 | 7 | 8 | 7 | - | 7-8 | 9 | 2500 | 1013.1 | -1.6 | SE | 5 | 52 | 65 | 8 | 4 | - | - | 94 | 94 | 2500 | 1 | * | bcc | cir | cm | cm | | | | | | | |
| 12 | Rentfrew (Abbots L.) | 1014.6 | -3.0 | SE'E | 5 | 20 | 56 | 55 | 7 | 8 | - | - | 7-8 | 7-8 | 4000 | 1011.0 | -2.4 | E'S | 4 | 50 | 65 | 7 | 4 | - | - | Tr | Tr | 4000 | 0 | * | bcc | cir | cm | cm | | | | | | | |
| | Eskdalemuir ... | 1015.0 | -2.4 | SE | 6 | 20 | 57 | 45 | 8 | 8 | - | - | 4-6 | 4-6 | 2500 | 1012.3 | -1.6 | ESE | 5 | 52 | 65 | 8 | 5 | - | - | 1 | 2-3 | 2500 | 1 | * | bcc | cir | cm | cm | | | | | | | |
| | Point of Ayre ... | 1011.7 | -3.8 | SE | 6 | 20 | 58 | 65 | 8 | 5 | - | - | 4-6 | 4-6 | 2500 | 1007.2 | -1.8 | SE | 7 | 53 | 75 | 8 | 4 | - | - | 1 | 2-3 | 2500 | 0 | 4 | bcc | cir | cm | cm | | | | | | | |
| 13A | Tiree ... | 1012.4 | -2.4 | ESE | 5 | 20 | 55 | 65 | 8 | 2 | 6 | - | 2-3 | 4-6 | 4000 | 1008.0 | -1.8 | E'S | 6 | 52 | 65 | 7 | 5 | - | - | 2-3 | 2-3 | 4000 | 0 | 5 | bcc | cir | cm | cm | | | | | | | |
| 13B | Stornoway ... | 1017.8 | -1.2 | SE | 5 | 20 | 55 | 65 | 9 | 5 | - | 3 | Tr | 1 | 4000 | 1013.1 | -2.4 | SE | 5 | 54 | 65 | 8 | 5 | 7 | - | 2-3 | 4-6 | 4000 | 0 | 3 | bcc | cir | cm | cm | | | | | | | |
| 15 | Dalwhinnie ... | 1017.3 | -2.6 | SE | 1 | 20 | 49 | 75 | 7 | 4 | 2 | 1 | 4-6 | 4-6 | 2500 | 1015.0 | -2.4 | E | 5 | 45 | 65 | 8 | 5 | 6 | - | 7-8 | 9 | 4000 | 0 | * | cir | cir | cm | cm | | | | | | | |
| | Aberdeen ... | 1019.8 | -1.8 | SE'E | 4 | 20 | 56 | 55 | 7 | 8 | - | - | 2-3 | 2-3 | 4000 | 1017.0 | -1.8 | SE'E | 4 | 52 | 65 | 6 | 6 | - | - | 94 | 94 | 1500 | 0 | 3 | cir | cir | cm | cm | | | | | | | |
| | Wick ... | 1020.0 | -8 | SE | 5 | 20 | 54 | 65 | 8 | 5 | 4 | - | 2-3 | 4-6 | 2500 | 1016.9 | -1.6 | SE | 7 | 53 | 65 | 7 | 5 | 2 | - | 7-8 | 10 | 800 | 1 | 3 | bcc | cir | cm | cm | | | | | | | |
| 16 | Lerwick ... | 1021.8 | -8 | S'E | 5 | 20 | 52 | 75 | 8 | 8 | 7 | - | 4-6 | 9 | 1500 | 1021.2 | -2 | SE | 4 | 51 | 65 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1500 | 0 | * | bcc | cir | cm | cm | | | | | | | |
| 17 | Blacksod Point... | 1010.7 | -2.0 | E | 5 | 20 | 55 | 55 | 8 | 9 | - | 4 | 4-6 | 7-8 | 5700 | 1001.3 | -2.0 | SE | 5 | 52 | 65 | 7 | 6 | - | - | 10 | 10 | 450 | 0 | 4 | bcc | cir | cm | cm | | | | | | | |
| 18 | Malin Head ... | 1010.7 | -2.0 | E | 5 | 20 | 55 | 55 | 8 | 9 | - | 4 | 4-6 | 7-8 | 5700 | 1001.3 | -2.0 | SE | 5 | 52 | 65 | 7 | 6 | - | - | 10 | 10 | 450 | 0 | 4 | bcc | cir | cm | cm | | | | | | | |
| | Aldergrove ... | 1010.4 | -2.8 | ESE | 5 | 20 | 55 | 55 | 7 | 2 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 5th October 1939.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th October, 1939.

- 1 S.E. England
- 2 E. England ...
- 3 E. Midlands ...
- 4 W. Midlands ...
- 5 S.W. England
- 6 South Wales ...
- 7 North Wales ...
- 8 N.W. England
- 9 N. Midlands ...
- 10 N.E. England

Moderate south wind veering southwest and freshening, strong locally on coast. Bright intervals and showers, perhaps local thunder; average temperature.

- 11 S.E. Scotland
- 12 S.W. Scotland & Isle of Man.
- 13 { A.W.Scotld.
B.N.W.Scot-
land.
- 14 Mid Scotland
- 15 N. E. Scotland
- 16 Orkneys and Shetlands

Fresh to strong east to south wind, gale locally on coasts, veering south and decreasing. Rain at first; bright intervals and showers later, perhaps local thunder; average temperature.

- 17 N. W. Ireland
- 18 N. E. Ireland
- 19 S. E. Ireland
- 20 S. W. Ireland

As 1 - 10.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression off Southwest Ireland is moving slowly north-north-west. There will be rain at first in the North followed by bright intervals and showers. In the South and Midlands there will be bright intervals and thundery showers.

FURTHER OUTLOOK.

Mainly fair in the South, showers in the North

Forecasts issued at 1000 G.M.T.

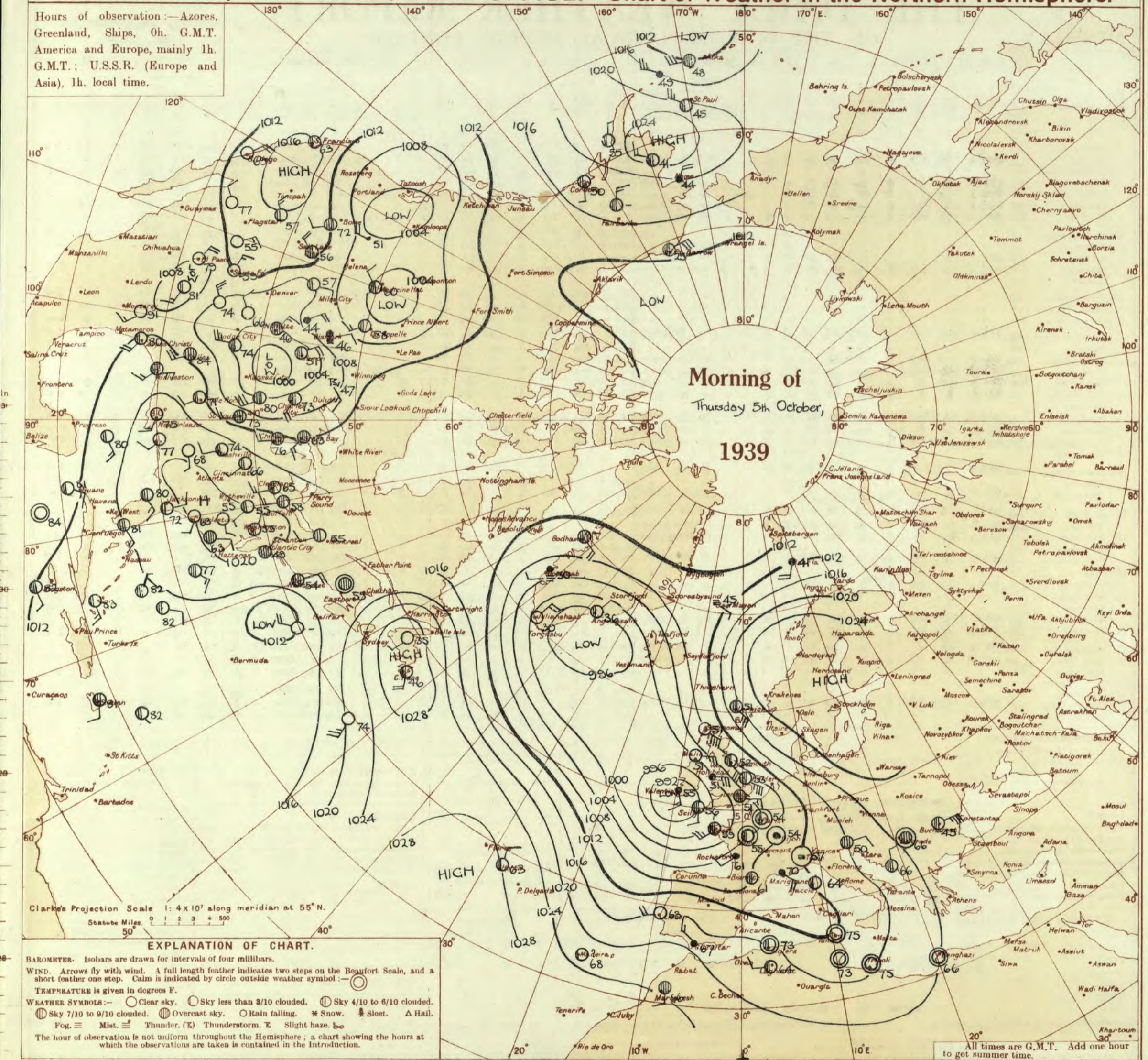
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H.M.S.O. Press, Cornwall House, S.E.1

2 474/3785 46 R/28. D. 4428 G. 3-2 5/38

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 5th October 1939

No. 28441.

[illegible]

: Maximum and Minimum Temperatures are for the 24 hours ending 8 h.

‡ Sea disturbance reported from Dungeness.

TERMS OF SUBSCRIPTION. { single Copies, 1d. each: by post 1½d.
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METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON W.C.2

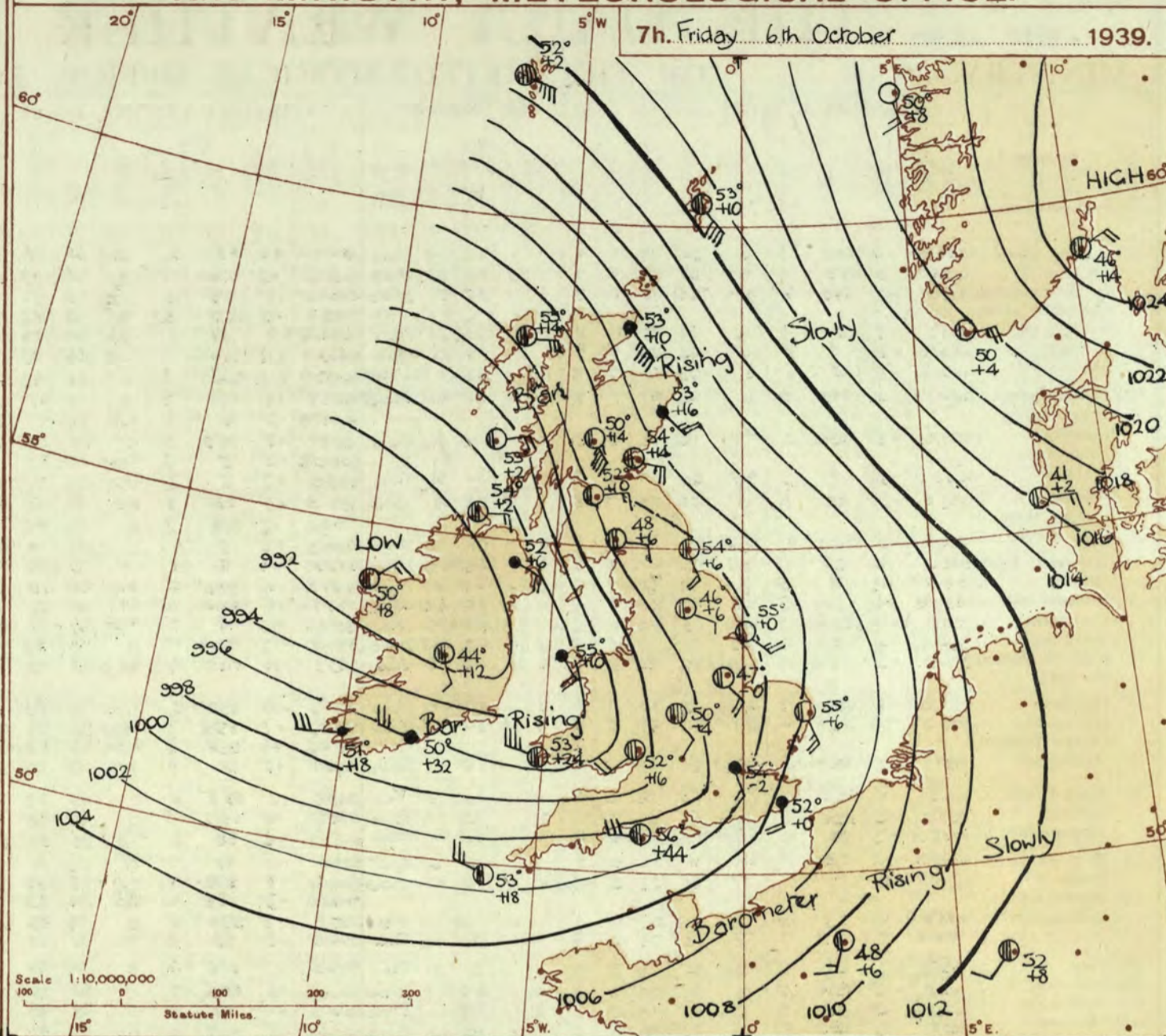
N. K. JOHNSON, D.Sc., A.R.C.S., Director.

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Friday 6th October 1939
No. 28442

| OBSERVATIONS at 13h. G.M.T. 5th October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 5th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | |
|---|--------------------------------------|--------------------------------------|------------------------------|--------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|--|---|-----|---|-------------------------------|--------|--------|------------------------|----------------------|---------------------|----------------------------|--------|-------|--|---|---------------------------------------|------------------------------------|----------------|---|-------------------------|--------------------------|---------------------------------|-------------------------|-------|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | Barom. at M.S.L. mb. (29) | State of ground. 0-9 (30) | WEATHER. | | | | | | | | | | | | | | | | |
| | | | | Dirce. | Force. 0-12 (4) | | | | | Form. | Amount. Low Total 0-10 0-10 (12) (13) | Height of Base. (feet) (14) | | | | | Dirce. | Force. 0-12 (18) | | | | | Form. | Amount. Low Total 0-10 0-10 (25) (27) | Height of Base. (feet) (28) | | | | | 7h.-13h. 5th (37) | 13h.-18h. 5th (38) | 18h. 5th to 1h. 6th. (39) | 1h.-7h. 6th. (40) | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 999.6 | -4 | SSE | 3 | c | 64 | 75 | 7 | 8 | - | 4-6 | 7-8 | 2500 | 1001.0 | +6 | SE | 2 | 2 | 55 | 92 | 6 | 8 | - | 1 | 2-3 | 2500 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | | |
| | Croydon ... | 1000.3 | 0 | SE | 3 | c | 65 | 75 | 8 | 7 | 3 | 4-6 | 9 | 2500 | 1001.5 | +6 | SSW | 2 | 2 | 54 | 97 | 6 | 8 | 4 | - | 2-3 | 4-6 | 2500 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | S. Farnborough | 998.9 | -6 | SSE | 4 | pr | 63 | 75 | 7 | 8 | 3 | - | 7-8 | 9 | 2500 | 1000.0 | +6 | SE | 2 | 54 | 92 | 6 | 4 | - | 1 | 1 | 2-3 | 2500 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Boscombe Down | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Calshot (Soton.) | 999.2 | +2 | SSW | 3 | ir | 55 | 92 | 7 | 8 | 1 | - | 7-8 | 10 | 1500 | 1000.2 | +2 | SE | 4 | 58 | 95 | 7 | 5 | - | 1 | 1 | 2-3 | 2500 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Lympne ... | 1002.3 | -2 | S | 3 | c | 60 | 85 | 7 | 8 | 3 | - | 7-8 | 9 | 1500 | 1003.4 | +12 | SSW | 1 | 53 | 97 | 8 | - | 3 | 2 | 0 | 4-6 | - | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Manston ... | 1001.4 | -2 | S | 4 | c | 63 | 75 | 7 | 8 | 3 | - | 4-6 | 9 | 2500 | 1002.5 | +10 | SSW | 3 | 54 | 92 | 7 | 8 | 9 | - | 2-3 | 9 | 2500 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| 2 | Shoeburyness ... | 1001.3 | 0 | SSE | 3 | c | 60 | 97 | 7 | 5 | - | 9 | 9 | 2500 | 1002.2 | +8 | SSW | 2 | 54 | 97 | 6 | 5 | 7 | - | 7-8 | 7-8 | 4000 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | | |
| | Felixstowe ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Gorleston ... | 1003.0 | +2 | SE/E | 5 | o/r | 50 | 92 | 6 | 5 | - | 10 | 10 | 1500 | 1002.7 | +2 | SE/E | 5 | 58 | 92 | 6 | 5 | - | 9 | 9 | 2500 | 1 | 4 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | | |
| | Mildenhall ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Cranwell ... | 1000.0 | -2 | SE | 3 | c/r | 60 | 85 | 6 | 8 | - | 9 | 9 | 800 | 999.6 | +2 | S | 2 | 56 | 92 | 7 | 9 | 2 | 7 | 7-8 | 10 | 800 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | | |
| 3 | Birmingham | 997.4 | -2 | SE | 3 | c | 63 | 65 | 7 | 8 | - | 8 | 7-8 | 9 | 1500 | 998.0 | +2 | SE | 3 | 55 | 85 | 6 | 5 | 7 | 1 | 4-6 | 1500 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | | |
| | Upper Heyford | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Ross-on-Wye ... | 996.4 | 0 | SE/S | 4 | c/p | 61 | 75 | 6 | 9 | 1 | - | 9 | 10 | 1500 | 997.3 | +4 | S | 3 | 55 | 75 | 8 | 8 | - | 1 | 1 | 2500 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | | |
| 5 | Hartland Point | 993.6 | +4 | SW | 1 | bc | 59 | 65 | 8 | 8 | 4 | - | 4-6 | 4-6 | 2500 | 992.2 | -14 | S | 4 | 53 | 85 | 8 | 8 | 4 | - | 4-6 | 9 | 2500 | 0 | 3 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Bristol ... | 997.1 | +2 | S | 3 | pr | 56 | 85 | 7 | 6 | 2 | - | 4-6 | 9 | 1500 | 997.6 | +4 | SE | 4 | 54 | 75 | 8 | 8 | 4 | - | 2-3 | 4-6 | 2500 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Portland Bill ... | 997.9 | +4 | SW | 5 | bc | 55 | 85 | 8 | 1 | - | - | 4-6 | 4-6 | 4000 | 997.7 | -4 | SSW | 5 | 57 | 92 | 7 | 5 | - | 10 | 10 | 1500 | 1 | 5 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | | |
| | Plymouth ... | 995.5 | +4 | SSW | 6 | bc | 53 | 75 | 7 | 2 | - | - | 4-6 | 4-6 | 2500 | 993.3 | -16 | S | 7 | 57 | 75 | 6 | 5 | - | 10 | 10 | 1500 | 1 | 4 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | | |
| | The Lizard | 994.4 | -4 | S | 6 | bc | 57 | 75 | 8 | 6 | - | - | 4-6 | 4-6 | 2500 | 991.3 | -12 | SSW | 7 | 55 | 92 | 7 | 8 | 2 | - | 7-8 | 9 | 2500 | 1 | 4 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Scilly (St. Mary's) | 991.6 | -2 | SSW | 5 | c/p | 56 | 85 | 8 | 7 | 4 | 3 | 4-6 | 7-8 | 1500 | 993.2 | -14 | SSW | 4 | 55 | 92 | 8 | 9 | 6 | 3 | 4-6 | 4-6 | 1500 | 1 | 3 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Guernsey ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Pembroke ... | 992.0 | -4 | SSW | 7 | bc | 58 | 75 | 7 | 2 | 4 | - | 4-6 | 4-6 | 1500 | 991.2 | -10 | SSE | 6 | 55 | 85 | 7 | 8 | - | 9 | 9 | 800 | 1 | 3 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | | |
| 7 | Holyhead | 993.0 | +10 | SE/S | 4 | c | 61 | 85 | 8 | 8 | 4 | 4 | 2-3 | 7-8 | 1500 | 994.6 | +4 | SE | 2 | 55 | 85 | 6 | 8 | 3 | - | 4-6 | 7-8 | 2500 | * | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Chester (Sealand) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Manchester ... | 997.1 | -2 | SE/S | 3 | z | 61 | 75 | 6 | 8 | 3 | - | 7-8 | 9 | 2500 | 996.9 | +2 | SE | 3 | 56 | 85 | 5 | 8 | 7 | - | 7-8 | 9 | 2500 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| 10 | Spurn Head | 1000.1 | -8 | SE/E | 6 | o/r | 55 | 92 | 5 | 5 | - | - | 10 | 10 | 800 | 999.5 | -2 | SE/E | 6 | 56 | 92 | 4 | 5 | 2 | 8 | 4-6 | 10 | 1500 | 1 | 4 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Catterick | 999.9 | -6 | SE/E | 3 | pr | 52 | 97 | 6 | 2 | - | - | 10 | 10 | 800 | 998.3 | -6 | SE/E | 3 | 56 | 85 | 6 | 5 | - | - | 10 | 10 | 1500 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Tynemouth | 1002.0 | -12 | SE | 6 | c/p | 53 | 92 | 6 | 9 | - | - | 9 | 9 | 1500 | 1000.7 | -4 | SE | 6 | 56 | 97 | 6 | 5 | - | - | 10 | 10 | 1500 | 1 | 4 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| 11 | St. Abbs Head | 1001.9 | -10 | SE | 9 | ir | 51 | 92 | 6 | 9 | - | - | 10 | 10 | 800 | 999.8 | -10 | SE | 7 | 52 | 97 | 6 | 6 | 2 | - | 9 | 10 | 450 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Leuchars | 1003.5 | -22 | SE | 9 | ir | 51 | 92 | 5 | 5 | - | - | 10 | 10 | 1500 | 1001.1 | -8 | SE | 7 | 52 | 97 | 6 | 6 | 2 | - | 9 | 10 | 450 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| 12 | Renfrew (Abbots L.) | 999.4 | -10 | SE | 5 | pr | 50 | 92 | 6 | 6 | - | - | 10 | 10 | 450 | 998.5 | -2 | SE | 4 | 52 | 85 | 6 | 5 | 3 | 1 | 7-8 | 9 | 800 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Eskdalemuir | 999.4 | -8 | SE/S | 7 | pr | 50 | 92 | 6 | 8 | 1 | - | 9 | 10 | 800 | 994.6 | -2 | SE | 5 | 57 | 97 | 6 | 8 | 7 | - | 4-6 | 9 | 1500 | 1 | 4 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Point of Ayre | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13A | Tiree ... | 995.8 | -12 | E | 6 | c | 54 | 75 | 8 | 5 | - | - | 9 | 9 | 1500 | 994.6 | +2 | ESE | 4 | 55 | 85 | 7 | 5 | - | 9 | 9 | 1500 | 0 | 5 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | | |
| 13B | Stornoway | 1001.9 | -10 | SSW | 6 | c | 55 | 65 | 7 | 5 | 4 | - | 4-6 | 7-8 | 4000 | 1000.1 | -4 | ESE | 7 | 54 | 75 | 7 | 5 | 2 | - | 9 | 10 | 4000 | 1 | 4 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| 15 | Dalwhinnie | 1003.4 | -6 | SE | 5 | ir | 49 | 75 | 6 | 8 | 2 | - | 7-8 | 10 | 2500 | 1001.2 | -4 | SE | 6 | 48 | 85 | 5 | 6 | - | - | 10 | 10 | 1500 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Aberdeen | 1007.1 | -10 | SE/E | 5 | c | 52 | 75 | 6 | 6 | - | - | 10 | 10 | 1500 | 1004.6 | -6 | SE/E | 6 | 50 | 92 | 5 | 6 | - | - | 10 | 10 | 800 | 1 | 4 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Wick ... | 1007.1 | -20 | SSE | 9 | c/p | 53 | 75 | 7 | 8 | 7 | - | 4-6 | 7-8 | 1500 | 1005.2 | -6 | SE | 9 | 50 | 75 | 7 | 5 | 2 | - | 7-8 | 10 | 1500 | 1 | 5 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| 16 | Lerwick... | 10.4.1 | -10 | SE | 8 | c | 52 | 65 | 7 | 5 | 7 | - | 4-6 | 7-8 | 1500 | 1012.7 | -2 | SE | 8 | 51 | 75 | 8 | 5 | 7 | - | 7-8 | 9 | 1500 | 0 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| 17 | Blacksod Point... | 990.3 | -10 | E/S | 2 | ir | 54 | 92 | 7 | 6 | - | - | 10 | 10 | 220 | 989.7 | 0 | - | 0 | 55 | 92 | 8 | 5 | - | - | 10 | 10 | 450 | 1 | 1 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| 18 | Malin Head | 992.8 | -18 | E | 5 | c | 55 | 85 | 7 | 6 | - | - | 9 | 9 | 1500 | 992.0 | -2 | SE | 4 | 56 | 75 | 8 | 5 | 8 | 4 | 2-3 | 7-8 | 5700 | 0 | 3 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Aldergrove | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Birr Castle | 989.0 | -2 | SSE | 2 | c | 62 | 75 | 8 | 8 | 3 | - | 4-6 | 7-8 | 1500 | 989.3 | 0 | SSE | 2 | 56 | 85 | 8 | 3 | 8 | - | 2-3 | 4-6 | 800 | 1 | * | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| 20 | Valentia Obsy. † | 987.4 | -4 | S | 3 | bc | 61 | 75 | 8 | 8 | - | - | 4-6 | 4-6 | 2500 | 989.0 | +16 | NW/N | 6 | 55 | 85 | 7 | 6 | - | - | 10 | 10 | 800 | 1 | 4 | cmprc | cmprc | cmprc | cmprc | | | | | | | | | | |
| | Roches Point ... | 988.4 | -2 | SE | 3 | ir | 58 | 92 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1500 | 988.1 | +2 | SE | 3 | 55 | 92 | 8 | 3 | 7 | - | 4-6 | 7-8 | 1500 | | | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 6th October 1939.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th October, 1939.

| | |
|-------------------------------------|--|
| 1 S.E. England | Moderate southwest wind, fresh on coasts. Bright intervals; thundery showers; average temperature. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Moderate to fresh southwest wind, backing southeast. Bright intervals and showers to-day, rain to-morrow; average temperature. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | Moderate to fresh southwest to south wind; showers; bright intervals; local thundery showers; average temperature. |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | Fresh to strong southeast wind, decreasing. Occasional rain. Bright intervals later; average temperature. |
| 13 { A.W.Scotld. B.N.W.Scotland. | |
| 14 Mid Scotland | |
| 15 N.E. Scotland | Fresh to strong southeast wind, gale locally on coasts at first. Occasional rain; average temperature. |
| 16 Orkneys and Shetlands | |
| 17 N.W. Ireland | |
| 18 N.E. Ireland | AS 1 - 4. |
| 19 S.E. Ireland | |
| 20 S.W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression centred over North Ireland is moving slowly north and there are indications of a depression on Mid-Atlantic moving east. There will be occasional rain in the North and showers in the South to-morrow. There may be more continuous rain in the Southwest.

FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 1100 G.M.T.

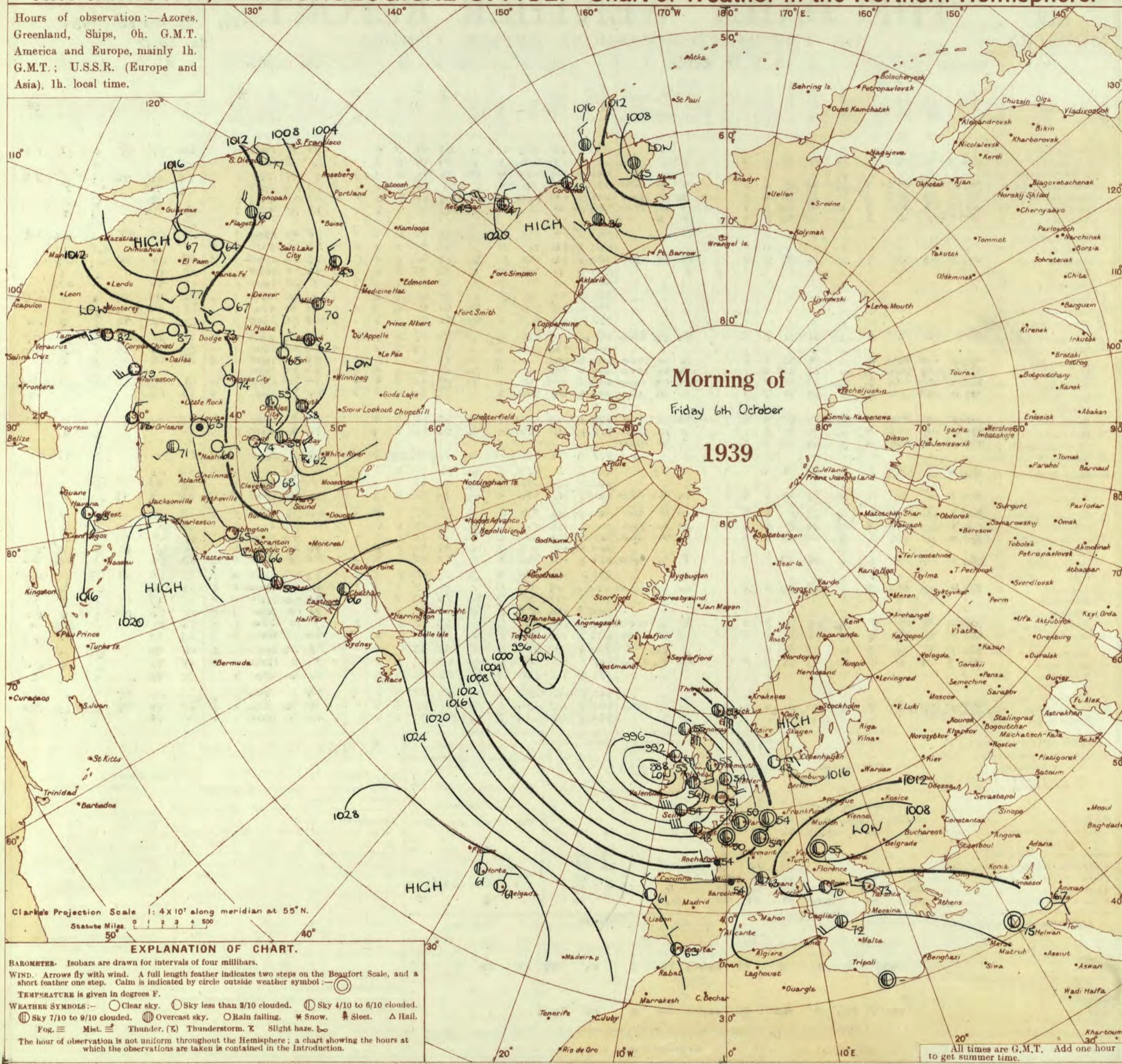
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

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AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

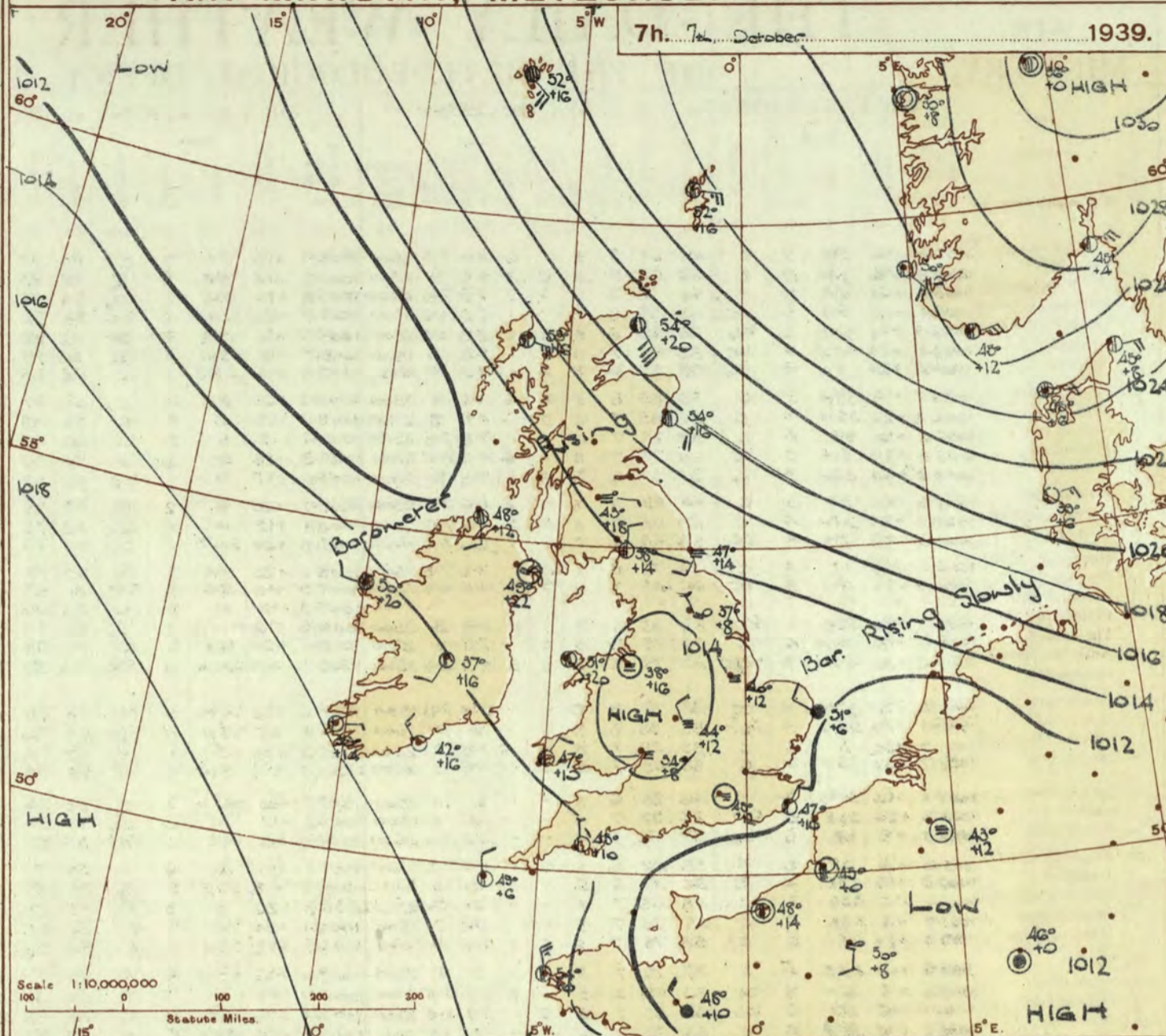
OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Friday 6th October 1939.
 No. 28442

| OBSERVATIONS at 1 hr. G.M.T. 6th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 6th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------|------------------------------|----------------------|--------------------|-------|--------|----------|-----------|----------|-------------|--------|------|---------|--|-----|-----------------------|--------------------|-------|------|----------|-----------|----------|-------------|--------|-------|---|---------|------------------------|------------------|------|--------------|---------------------|-----------------------|-------------------|----------------|------------------|-------------------|-----|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | | State of Ground. | Sea. | TEMPERATURE. | | | | | RAINFALL. | SUNSHINE 5th Hrs. | | | | | | | | | | | | |
| | | | | | Dir. | Force. | | | | | Form. | | Amount. | Height of Base (feet). | | | | | Dir. | Force. | | | | | Form. | | Amount. | Height of Base (feet). | | | | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. | | | | | | | | | | | | | |
| | | | | | | | | | | | Low. | Med. | High. | | | | | | | Low. | | | | Med. | High. | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) ... | 18 | 1002.1 | -2 | SE | 3 | b | 51 | 92 | 7 | - | - | - | 1 | 1 | 1000.6 | +2 | SE | 2 | c | 54 | 92 | 7 | 5 | - | - | 9 | 9 | 1500 | 1 | * | 64 | 51 | 45 | 6 | 2 | 1.3 | | | | | | | | | | | | |
| | Croydon ... | 217 | 1002.1 | -2 | SE | 3 | b | 51 | 92 | 7 | - | - | - | 1 | 1 | 1001.2 | -2 | SE | 3 | pr | 54 | 97 | 6 | 9 | - | - | 10 | 10 | 2500 | 1 | * | 66 | 51 | 45 | 4 | | | | | | | | | | | | | | |
| | S. Farnborough ... | 226 | 1002.1 | -2 | SE | 3 | b | 51 | 92 | 7 | - | - | - | 1 | 1 | 1000.4 | +14 | SW | 4 | pr | 53 | 92 | 8 | 6 | 7 | - | 9 | 9 | 1500 | 1 | * | 64 | 51 | 46 | 3 | 3 | 2.8 | | | | | | | | | | | | |
| | Boscombe Down ... | 417 | 997.1 | -14 | SE | 5 | c/pr | 53 | 92 | 6 | 5 | - | - | 9 | 9 | 999.3 | +40 | SW | 3 | c | 51 | 85 | 8 | 5 | 4 | 3 | 2-3 | 7-8 | 2500 | 1 | * | 60 | 50 | | 1 | 7 | | | | | | | | | | | | | |
| | Calshot (St. Mary's) ... | 8 | 998.5 | -14 | SE | 5 | pr | 57 | 85 | 8 | 8 | - | - | 9 | 9 | 1001.3 | +42 | SW | 4 | c | 54 | 85 | 8 | 3 | 7 | 2 | 2-3 | 9 | 1500 | 1 | * | 48 | | | 6 | 1 | | | | | | | | | | | | | |
| | Lymington ... | 346 | 1004.8 | +2 | SW | 4 | bc | 53 | 85 | 7 | 2 | - | 8 | 1 | 2-3 | 1004.5 | 0 | S | 4 | dr | 52 | 97 | 5 | 6 | - | - | 10 | 10 | 450 | 1 | * | 63 | 50 | | 2 | 3 | | | | | | | | | | | | | |
| | Manston ... | 154 | 1004.2 | +2 | S | 3 | b | 53 | 85 | 6 | - | - | - | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Shoeburyness ... | 11 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1003.3 | -2 | SSE | 5 | c | 54 | 97 | 8 | 5 | - | - | 9 | 9 | 2500 | 1 | * | 63 | 51 | 44 | 4 | 0.6 | 0.8 | | | | | | | | | | | | |
| | Felixstowe ... | 15 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1003.2 | +6 | S | 5 | bc | 54 | 85 | 7 | 4 | 6 | 4 | 2-3 | 4-6 | 1500 | 1 | 3 | 58 | 54 | 52 | 0.3 | 1 | | | | | | | | | | | | | |
| | Gorleston ... | 5 | 1003.9 | +4 | SSE | 4 | c | 56 | 92 | 6 | 8 | - | - | 7-8 | 7-8 | 1004.5 | +6 | SE | 5 | bc | 55 | 85 | 7 | 8 | 5 | - | 2-3 | 4-6 | 2500 | 1 | 3 | 58 | 54 | 52 | 0.1 | 0.5 | * | | | | | | | | | | | | |
| | Mildenhall ... | 19 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1001.8 | 0 | SE | 4 | c | 52 | 92 | 7 | 5 | - | 5 | 4-6 | 7-8 | 4000 | 1 | * | 62 | 49 | | 2 | 1 | | | | | | | | | | | | | |
| | Cranwell ... | 240 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1001.0 | 0 | SE | 4 | c | 47 | 97 | 5 | 4 | 1 | 1 | 2-3 | 4-6 | 4000 | 1 | * | 62 | 45 | | 2 | 1 | 0.2 | | | | | | | | | | | | |
| 3 | Birmingham ... | 535 | * | * | * | * | * | * | * | * | * | * | * | * | * | 998.5 | +4 | SE | 2 | c | 50 | 97 | 6 | 6 | - | - | 10 | 10 | 450 | 1 | * | 63 | 49 | 44 | 8 | 2 | 2.5 | | | | | | | | | | | | |
| | Upper Heyford ... | 408 | * | * | * | * | * | * | * | * | * | * | * | * | * | 998.5 | +4 | SE | 3 | c/pr | 51 | 97 | 6 | 6 | 7 | - | 7-8 | 9 | 800 | 1 | * | 64 | 50 | | 3 | 3 | * | | | | | | | | | | | | |
| 4 | Ross-on-Wye ... | 223 | * | * | * | * | * | * | * | * | * | * | * | * | * | 997.9 | +16 | SW | 4 | c/pr | 52 | 85 | 8 | 8 | - | 2 | 7-8 | 7-8 | 2500 | 1 | * | 63 | 52 | 48 | 1 | 3 | 5.6 | | | | | | | | | | | | |
| 5 | Hartland Point ... | 299 | 991.6 | +6 | S | 4 | bc | 51 | 92 | 8 | 2 | 4 | - | 4-6 | 4-6 | 2500 | 997.6 | +12 | WNW | 6 | c | 54 | 75 | 8 | 4 | - | 7-8 | 7-8 | 2500 | 1 | 4 | 60 | 51 | 48 | Tr | 1 | 6.7 | | | | | | | | | | | | |
| | Bristol ... | 209 | 995.5 | -14 | SSW | 6 | c | 56 | 92 | 7 | 5 | - | - | 10 | 10 | 1500 | 999.0 | +36 | SW | 4 | c | 52 | 85 | 8 | 5 | - | 4-6 | 7-8 | 1500 | 1 | * | 63 | 51 | 44 | 3 | 3 | 5.0 | | | | | | | | | | | | |
| | Portland Bill ... | 32 | 994.4 | +14 | SW | 6 | c | 55 | 85 | 6 | 9 | - | - | 9 | 9 | 1500 | 1000.6 | +44 | W | 6 | c | 56 | 92 | 7 | 5 | 7 | - | 4-6 | 7-8 | 4000 | 1 | 5 | 55 | 53 | | 3 | 2 | * | | | | | | | | | | | |
| | Plymouth ... | 82 | 995.8 | +34 | WN | 8 | c/pr | 53 | 97 | 7 | 8 | - | - | 7-8 | 7-8 | 1500 | 1001.0 | +28 | W | 4 | bc | 55 | 85 | 8 | 2 | - | 4-6 | 7-8 | 1500 | 0 | 3 | 59 | 50 | | 3 | 1 | 7.2 | | | | | | | | | | | | |
| | The Lizard ... | 240 | 995.8 | +34 | WN | 8 | c | 54 | 92 | 7 | 8 | - | - | 9 | 9 | 1500 | 1002.0 | +24 | W | 6 | bc | 54 | 85 | 8 | 8 | 7 | 3 | 4-6 | 9 | 1500 | 1 | 4 | 59 | 52 | | 1 | 2 | 7.5 | | | | | | | | | | | |
| | Scilly (St. Mary's) ... | 163 | 995.0 | +34 | WN | 8 | c | 54 | 92 | 7 | 8 | - | - | 9 | 9 | 1500 | 1000.6 | +18 | WN | 5 | c | 53 | 85 | 8 | 8 | 7 | 3 | 4-6 | 9 | 1500 | 1 | 4 | 59 | 52 | | 1 | 2 | 7.5 | | | | | | | | | | | |
| | Guernsey ... | 175 | 990.5 | -2 | SW | 5 | c/pr | 55 | 85 | 8 | 8 | 2 | - | 4-6 | 7-8 | 1500 | 995.1 | +24 | WN | 7 | c/pr | 53 | 75 | 7 | 8 | - | 9 | 9 | 1500 | 1 | 4 | 59 | 51 | | 1 | 3 | 6.1 | | | | | | | | | | | | |
| 6 | Pembroke ... | 142 | 991.5 | -14 | ESE | 5 | c | 56 | 75 | 8 | 2 | - | - | 10 | 10 | 1500 | 992.6 | +10 | SE | 4 | bc | 55 | 85 | 8 | 6 | - | 9 | 9 | 800 | 1 | 2 | * | | | 2 | 1 | | | | | | | | | | | | | |
| 7 | Holyhead ... | 26 | 995.3 | -12 | ESE | 4 | b | 52 | 80 | 7 | 5 | - | - | Tr | Tr | 4000 | 997.4 | +4 | ESE | 4 | bc | 52 | 85 | 6 | 5 | 3 | - | 7-8 | 9 | 2500 | 1 | * | 64 | 50 | | 2 | Tr | | | | | | | | | | | | |
| 8 | Chester (Sealand) ... | 16 | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Manchester ... | 70 | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spurn Head ... | 29 | 1001.4 | +2 | SE | 4 | bc | 54 | 92 | 6 | - | 3 | - | 0 | 2-3 | 1001.5 | 0 | SE | 5 | bc | 55 | 85 | 6 | - | 4 | 1 | 0 | 4-6 | - | 1 | 4 | 56 | 53 | | 0.2 | 1 | 0.0 | | | | | | | | | | | | |
| | Catterick ... | 175 | 1000.9 | 0 | S | 4 | bc | 55 | 92 | 6 | 8 | 3 | - | 4-6 | 4-6 | 1500 | 1001.1 | +6 | ESE | 1 | bc | 46 | 97 | 6 | 1 | 3 | - | 1 | 2-3 | 2500 | 1 | * | 56 | 42 | | 3 | 2 | | | | | | | | | | | | |
| | Tynemouth ... | 108 | 1000.9 | 0 | S | 4 | bc | 55 | 92 | 6 | 8 | 3 | - | 4-6 | 4-6 | 1500 | 1001.7 | +6 | SSE | 4 | bc | 54 | 92 | 6 | 2 | - | 4-6 | 4-6 | 2500 | 1 | 3 | 55 | 53 | 49 | 0.2 | 1 | * | | | | | | | | | | | | |
| 11 | St. Abbs Head ... | 280 | 1000.3 | +6 | SE | 7 | c/pr | 53 | 97 | 5 | 3 | - | - | 10 | 10 | 800 | 1000.9 | +12 | SE | 6 | c | 53 | 97 | 5 | 8 | 6 | - | 4-6 | 7-8 | 800 | 1 | 4 | 52 | 50 | | 4 | 9 | * | | | | | | | | | | | |
| | Leuchars ... | 36 | 1000.5 | -2 | ESE | 7 | c/pr | 54 | 97 | 6 | 6 | - | - | 10 | 10 | 800 | 1002.1 | +14 | ESE | 5 | bc | 54 | 97 | 6 | 5 | - | 9 | 1 | 4-6 | 450 | 1 | * | 53 | 52 | | 1 | 2 | | | | | | | | | | | | |
| 12 | Renfrew (Abbots) ... | 19 | 998.0 | 0 | E | 2 | bc | 54 | 92 | 5 | 5 | - | - | 9 | 9 | 1500 | 999.4 | +10 | E | 3 | bc | 52 | 75 | 7 | 5 | 4 | - | 1 | 4-6 | 1500 | 1 | * | 54 | 48 | | 1 | 0.4 | | | | | | | | | | | | |
| | Esksdalemuir ... | 794 | 994.2 | -4 | SSE | 6 | b | 55 | 85 | 7 | 5 | - | - | Tr | Tr | 4000 | 1000.2 | +6 | E | 2 | c | 48 | 85 | 7 | 5 | - | 9 | 9 | 1500 | 1 | * | 53 | 46 | 43 | 5 | 5 | 0.0 | | | | | | | | | | | | |
| | Point of Ayre ... | 30 | 994.2 | -4 | SSE | 6 | b | 55 | 85 | 7 | 5 | - | - | Tr | Tr | 4000 | 999.9 | +12 | SSE | 7 | c | 55 | 85 | 7 | 8 | 2 | - | 7-8 | 9 | 1500 | 1 | 4 | 58 | 54 | | 5 | 0.5 | 0.2 | | | | | | | | | | | |
| 13A | Tiree ... | 22 | * | * | * | * | * | * | * | * | * | * | * | * | * | 995.7 | +2 | EN | 4 | bc | 53 | 85 | 8 | 5 | 4 | - | 2-3 | 2-3 | 4000 | 0 | 3 | 55 | 52 | 47 | Tr | 1 | 0.0 | | | | | | | | | | | | |
| 13B | Stornoway ... | 80 | 990.0 | -10 | ESE | 8 | c | 55 | 85 | 7 | 5 | 1 | - | 4-6 | 10 | 4000 | 1000.6 | +14 | E | 6 | c | 55 | 85 | 7 | 5 | 7 | - | 4-6 | 9 | 4000 | 1 | 3 | 56 | 53 | | 0.3 | Tr | 1.1 | | | | | | | | | | | |
| 15 | Dalwhinnie ... | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | 957.9 | +14 | SE | 9 | bc | 50 | 75 | 7 | 8 | 6 | - | 4-6 | 4-6 | 2500 | 0 | * | 50 | 47 | 45 | 3 | 8 | 1.1 | | | | | | | | | | | | |
| | Aberdeen ... | 79 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1004.8 | +16 | SE | 5 | bc | 53 | 92 | 6 | 6 | - | - | 10 | 10 | 800 | 1 | 4 | 53 | 50 | 48 | 1 | 6 | 0.0 | | | | | | | | | | | | |
| | Wick ... | 81 | 1004.7 | -8 | SE | 9 | c/pr | 53 | 92 | 7 | 5 | 2 | - | 9 | 10 | 1500 | 1005.3 | +10 | SE | 9 | ir | 53 | 92 | 6 | 5 | 2 | - | 9 | 10 | 1500 | 1 | 5 | 54 | 51 | | - | 0.6 | * | | | | | | | | | | | |
| 16 | Lerwick ... | 156 | 1012.5 | -6 | SE | 8 | c | 53 | 75 | 7 | 5 | 7 | - | 7-8 | 9 | 1500 | 1013.3 | +10 | SE | 8 | c | 53 | 65 | 7 | 8 | - | 4-6 | 7-8 | 800 | 0 | * | 53 | 51 | | - | - | 4.3 | | | | | | | | | | | | |
| 17 | Blacksod Point ... | 18 | 990.0 | 0 | SE | 4 | bc | 51 | 85 | 8 | - | 3 | - | 0 | 4-6 | - | 990.8 | +8 | NE | 3 | c | 50 | 92 | 8 | 4 | - | 7-8 | 7-8 | 800 | 0 | 3 | 56 | 49 | | 0.5 | - | | | | | | | | | | | | | |
| 18 | Malin Head ... | 84 | 993.5 | -4 | E | 4 | bc | 55 | 85 | 8 | 7 | - | - | 4-6 | 4-6 | 5700 | 992.7 | +2 | E | 3 | c/pr | 54 | 85 | 6 | 9 | - | 9 | 9 | 1500 | 0 | 4 | 57 | 51 | | 0.5 | 4 | 0.0 | | | | | | | | | | | | |
| | Aldergrove ... | 268 | * | * | * | * | * | * | * | * | * | * | * | * | * | 992.3 | +6 | ESE | 4 | bc | 52 | 92 | 6 | 6 | - | - | 10 | 10 | 450 | 1 | * | 59 | 49 | | 7 | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. 7th October 1939.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th October, 1939. |
|-------------------|--|
| 1 S.E. England | Wind north to northeast, light, freshening, especially on coast; |
| 2 E. England ... | mainly cloudy; local rain or showers, chiefly near East Coast, with |
| 3 E. Midlands ... | perhaps local thunder; average temperature. |
| 4 W. Midlands ... | Light to moderate northeast wind; cloud increasing, perhaps local |
| 5 S.W. England | showers; local morning mist or fog; average temperature. |
| 6 South Wales ... | Wind northwest, veering north to northeast, light or moderate; |
| 7 North Wales ... | bright periods; local showers; average temperature. |
| 8 N.W. England | As 3 - 4. |
| 9 N. Midlands ... | |
| 10 N.E. England | Wind southeast to east, fresh or strong, moderating somewhat later; |
| 11 S.E. Scotland | cloudy; local showers; average temperature. |
| 12 S.W. Scotland | |
| & Isle of Man. | Wind southeast, light or moderate; mainly fair; average temperature. |
| 13 { A.W.Scotld. | |
| B.N.W.Scot- | |
| land. | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | As 10 - 11. |
| 16 Orkneys and | |
| Shetlands | |
| 17 N. W. Ireland | Light variable wind; mainly fair; local showers near coast; |
| 18 N. E. Ireland | local morning fog; average temperature. |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone over Northern Norway is spreading southwest and tending to form a ridge of relatively high pressure over our Northwestern Districts, while a complex shallow depression covers France and the Netherlands. There will be local showers chiefly in the East.

FURTHER OUTLOOK.

Wind mainly east or northeast. Mainly fair in west, cloudy with local showers in east.

Forecasts issued at 1000 G.M.T.

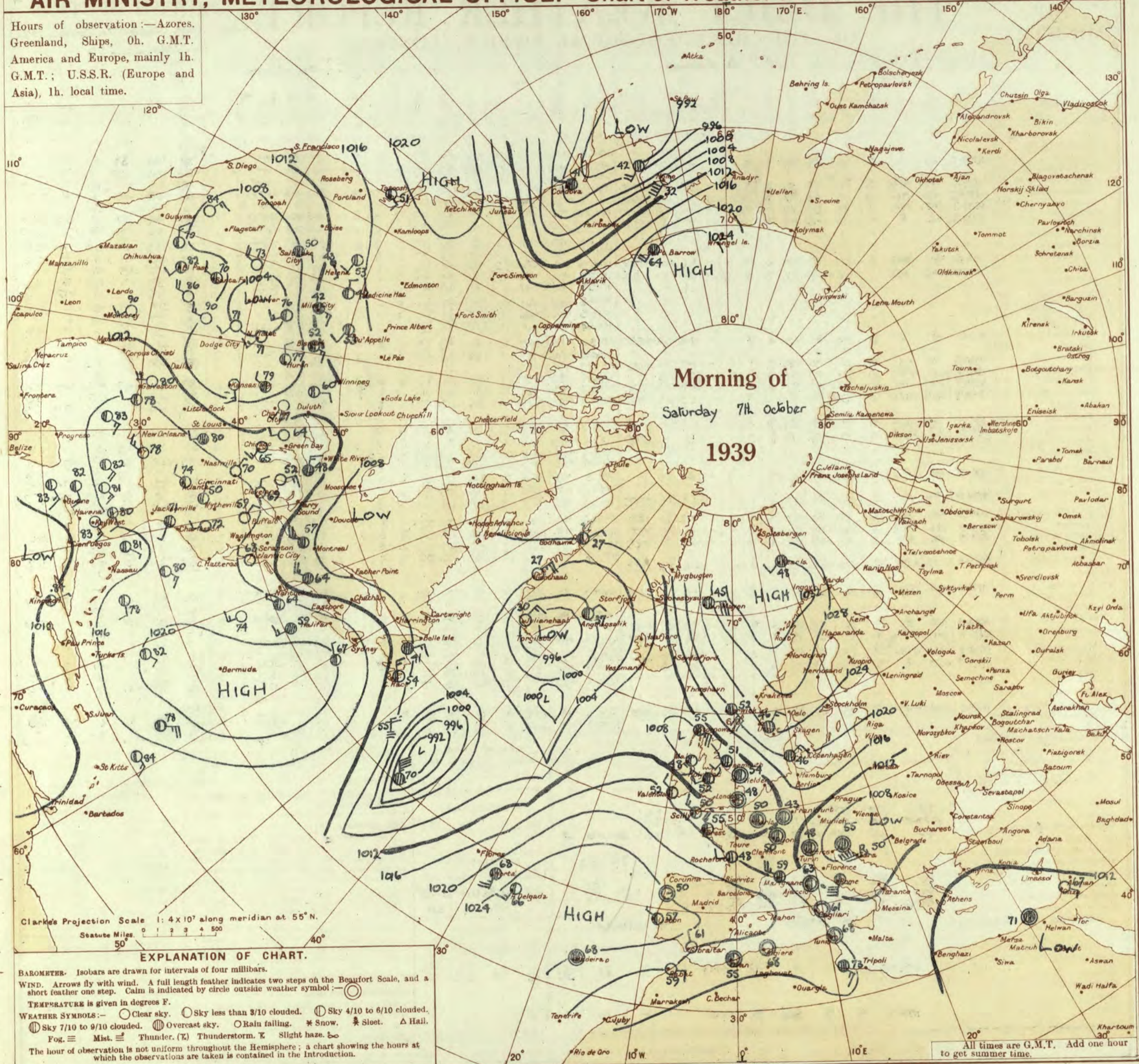
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House.

5/38

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



| LOCAL OBSERVATIONS. | | | | | | | | | | EXPLANATION OF FIGURES, LETTERS, etc. | | | | | | | | | |
|--|---------|--|--|--------------|--|--|-----------|--|---------------------------|---|-----------|--|----------------|--|--|--|--|--|--|
| Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h. | | | | | | | | | | Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. | | | | | | | | | |
| Height above M.S.L. in feet. | Weather | | | Temperature. | | | Rainfall. | | Sunshine, to Sunset, hrs. | | Humidity. | | Visibility 9h. | | | | | | |

N. K. JOHNSON, D.Sc., A.R.C.S., Director.

THE DAILY WEATHER REPORT

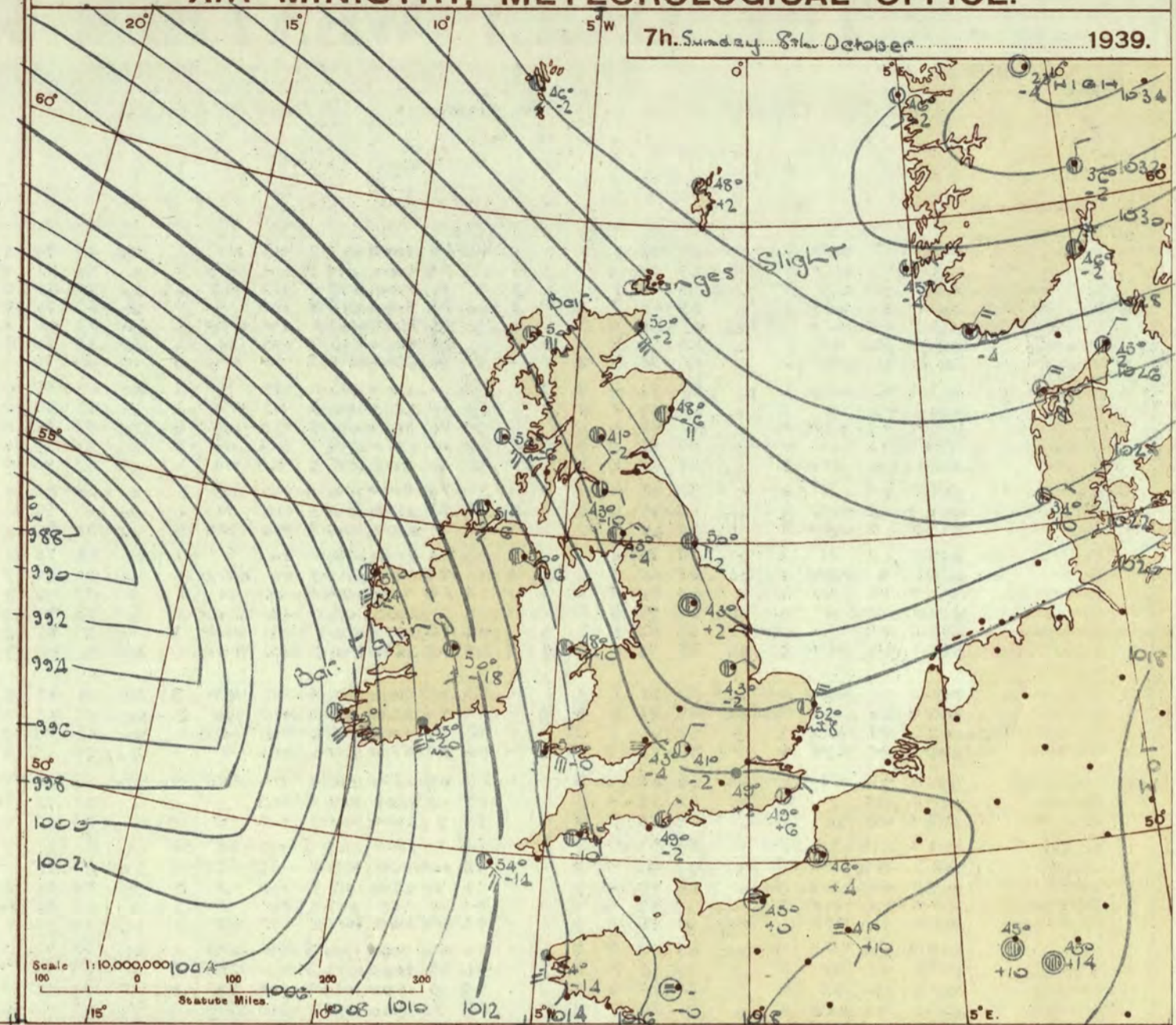
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday, 8th October, 1939.
No. 28,444.

| OBSERVATIONS at 13h. G.M.T. 7 th October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 7 th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|---|--------------------------------------|-------------------------------|-----------------------|-------|--------|----------|--------------|-------------|--------------------|--------|---------|------------------------------|-------|---|-----------------------|---------|------------------------------|----------|--------------|-------------|--------------------|---------------------|------|--|---|-------------------------------|-----------------------|--|---|----------|--------------|-------------|--------------------|----------|----|----|--|
| District. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | | Barom. at M.S.L. mb. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | | Barom. at M.S.L. mb. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. 0-9 | WEATHER. | | | |
| | | | | Dir. | Force. | | | | | Form. | Amount. | Height of Base. (feet) | Form. | | | Amount. | Height of Base. (feet) | | | | | State of ground. | Sea. | 7h.—13h. 7 th —7 th | 13h.—18h. 7 th —7 th | | | 18h.—7h. 8 th —8 th | 1h.—7h. 8 th —8 th | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1013.6 | -2 | NE | 2 | 20 | 61 | 65 | 6 | 8 | 3 | 1 | 4-6 | 7-8 | 1000 | 1015.5 | +18 | NE | 2 | 20 | 54 | 86 | 5 | 5 | 6 | 7-8 | 9 | 4000 | 1 | * | bc | bc | bc | bc | bc | bc | |
| | Croydon ... | 1013.5 | -2 | NW | 1 | 10 | 59 | 75 | 4 | 2 | 3 | 1 | 2-3 | 7-8 | 1000 | 1014.9 | +14 | NE | 2 | 20 | 53 | 92 | 4 | 4 | 6 | 7-8 | 7-8 | 4000 | 1 | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 8th October 1939.



Mb
1050
1040
1030
1020
1010
1000
990
980
970
960
950
940
930

| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th October, 1939 |
|--|---|
| 1 S.E. England | Fresh east to southeast wind, strong on coasts; bright intervals and local showers at first, rain later; rather cold. |
| 2 E. England ... | |
| 3 E. Midlands | |
| 4 W. Midlands ... | Freshening southeast wind, strong locally later; fair at first, rain later; rather cold. |
| 5 S.W. England | Wind southeast, strong to gale, veering south to southwest and decreasing rain at first, showers later; rather cold, becoming mild. |
| 6 South Wales ... | |
| 7 North Wales ... | Freshening southeast wind, becoming strong to gale on coasts, veering south and decreasing; fair at first, rain later; rather cold. |
| 8 N.W. England | |
| 9 N. Midlands | Freshening southeast winds, strong to gale on coasts; cloudy, showers, hail and thunder locally; rather cold. |
| 10 N.E. England | |
| 11 S.E. Scotland | Wind southeast, strong to gale; fair at first, rain later; rather cold. |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A.W. Scotld. B.N.W. Scot- land. | |
| 14 Mid Scotland | As Districts 10 & 11. |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | As Districts 5 & 6. |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A large anticyclone is centred over Scandinavia and a deep depression and an associated trough to west of Ireland are moving eastnortheast. There will be southeast gales at exposed places. Rain will spread northeastwards across the country from southwest districts.

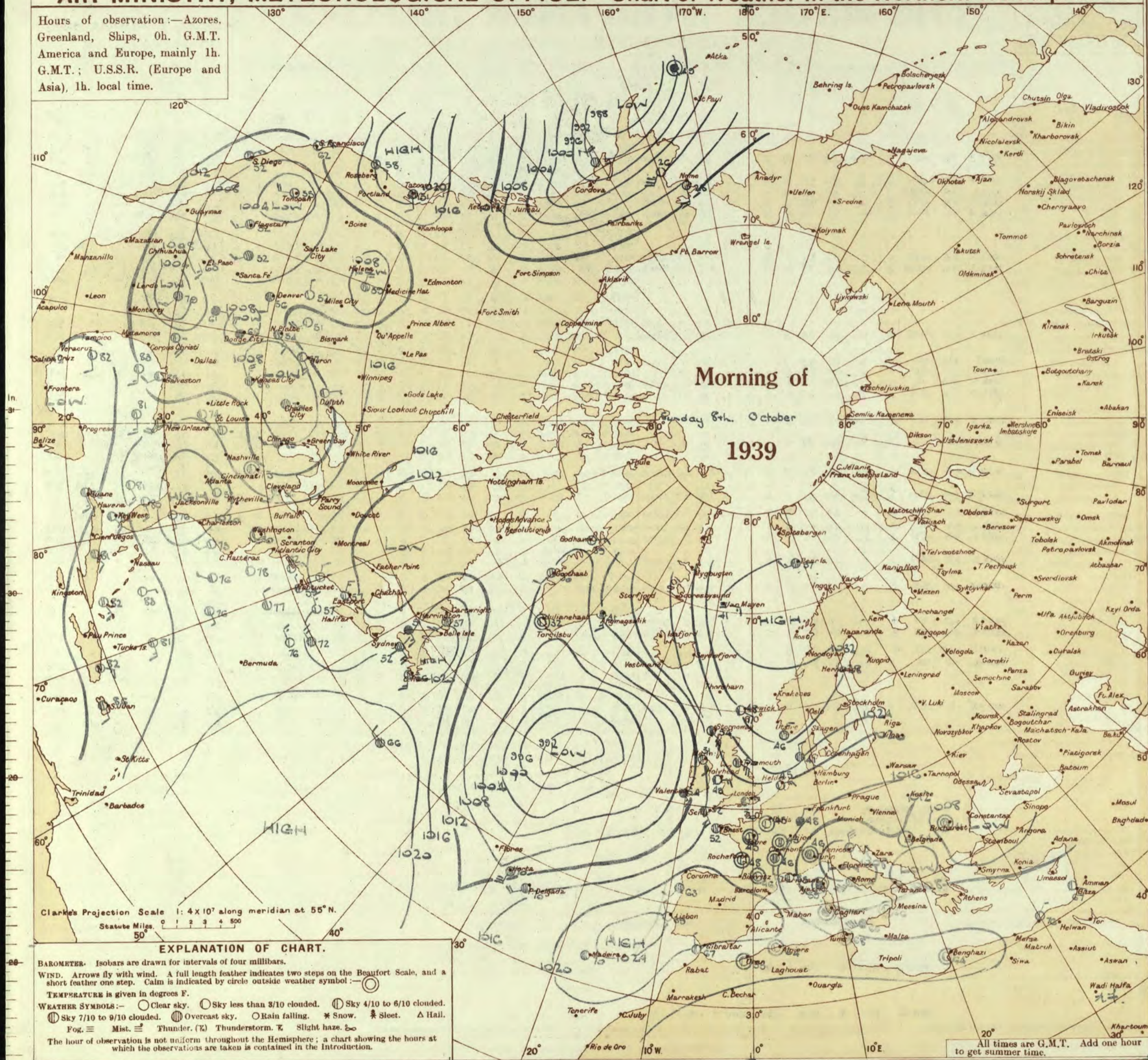
FURTHER OUTLOOK.

Unsettled.

Forecasts issued at 1030 G.M.T.
N. K. JOHNSON, D.Sc., A.R.C.S., Director.
H.M.S.O. Press, Cornwall House, S.E.1.

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Sunday, 8th October, 1939.
 No 28,444.

| OBSERVATIONS at 1 hr. G.M.T. 8 th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 8 th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------------|------------------------------|----------------------|------------------------|------------|------------|--------------|---------------|--------------|-----------------|---------------|-----------|--------------|--|--------------------|-------------------------|------------|-----|---------------|----------------|---------------|------------------|----------------|---|--------------|-----------------------------|-----------------------|----------------|----------------------|----|--------------------------|----------------------------|------------------------|---------------------|-----------------------|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. (3) | | Weather. (5) | Temp. °F. (6) | Humid. % (7) | Visibility. (8) | Cloud. (9-14) | | | | Barom. M.S.L. (15) | Change in 3 hours. (16) | Wind. (17) | | Weather. (19) | Temp. °F. (20) | Humid. % (21) | Visibility. (22) | Cloud. (23-28) | | | | State of ground. (29) | Sea. (30) | TEMPERATURE. (31-33) | | | RAINFALL. (34-35) | | SUN-SHINE Hrs. (36) | | | | | | | | | | | | | | | |
| | | | | | Direc. (3) | Force. (4) | | | | | Form. (10) | | Amount. (11) | Height of Base. (feet) (14) | | | | | | | | | Form. (24) | | Amount. (25) | Height of Base. (feet) (28) | | | | | Max. Day 7h-18h °F. (31) | Min. Night 18h-7h °F. (32) | Min. on Grass °F. (33) | Day 7h-18h mm. (34) | Night 18h-7h mm. (35) | | | | | | | | | | | | | | |
| | | | | | | | | | | | Low. (9) | Med. (10) | High (11) | Low. (23) | | | | | | | | Med. (24) | High (25) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) ... 18 | 1017.3 | +6 | NE | 3 | off | 50 | 97 | 4 | 5 | - | - | 10 | 10 | 1500 | 1017.4 | 0 | NE | 2 | 10 | 50 | 92 | 5 | 5 | - | 10 | 10 | 1500 | 1 | * | 71 | 49 | 41 | 1 | Tr | 4.8 | | | | | | | | | | | | | |
| | Croydon ... 217 | 1017.0 | +2 | ENE | 2 | dod. | 52 | 97 | 5 | 5 | - | - | 10 | 10 | 1500 | 1017.0 | +2 | ENE | 2 | dod. | 52 | 97 | 5 | 5 | - | 10 | 10 | 1500 | 1 | * | 61 | 48 | 46 | 1 | 1 | 2.9 | | | | | | | | | | | | | |
| | S. Farnborough ... 226 | 1018.0 | +2 | NE | 3 | * | 46 | 97 | 6 | 5 | - | - | 2.3 | 2.3 | 2500 | 1017.1 | +2 | NE | 2 | c/d | 48 | 97 | 2 | 4 | 7 | - | 9 | 9 | 1500 | 1 | * | 63 | 47 | 43 | 3 | 0.5 | 6.1 | | | | | | | | | | | | |
| | Boscombe Down ... 417 | 1017.1 | +4 | NNW | 2 | 20 | 49 | 97 | 5 | - | - | - | 0 | 0 | - | 1016.9 | -2 | NE | 1 | 20 | 47 | 97 | 6 | 5 | - | 10 | 10 | 1500 | 1 | * | 61 | 42 | 39 | 0.1 | Tr | 5.1 | | | | | | | | | | | | | |
| | Calshot (Stmntn.) ... 8 | 1016.4 | +4 | NW | 3 | 20 | 49 | 97 | 5 | 5 | - | - | 10 | 10 | 450 | 1016.9 | +6 | ENE | 2 | 20 | 49 | 92 | 6 | 6 | - | 9 | 2.3 | 4.6 | 2500 | 1 | 1 | 53 | 45 | 43 | - | - | 5.4 | | | | | | | | | | | | |
| | Lympe ... 346 | 1016.4 | +6 | ENE | 2 | 4/r | 51 | 92 | 5 | 5 | - | - | 10 | 10 | 800 | 1016.1 | +6 | ENE | 2 | 20 | 49 | 92 | 6 | 6 | - | 9 | 9 | 1500 | 1 | 2 | 61 | 46 | 47 | 0.1 | - | 4.9 | | | | | | | | | | | | | |
| | Manston ... 154 | 1016.4 | +6 | ENE | 2 | 4/r | 51 | 92 | 5 | 5 | - | - | 10 | 10 | 800 | 1017.1 | +6 | ENE | 2 | 20 | 51 | 95 | 6 | 5 | 7 | - | 4.6 | 7.8 | 1500 | 1 | * | 59 | 54 | 3.9 | Tr | 7 | 1.7 | | | | | | | | | | | | |
| 2 | Shoeburyness ... 11 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1017.0 | +4 | E | 4 | C | 53 | 85 | 8 | 9 | 7 | - | 7.8 | 9 | 800 | 1 | * | 58 | 50 | 45 | 0.3 | 6 | 0.0 | | | | | | | | | | | | | |
| | Felixstowe ... 15 | 1017.8 | +6 | NNE | 5 | C | 52 | 85 | 7 | 8 | - | - | 7.8 | 7.8 | 2500 | 1016.9 | +2 | E'S | 4 | C | 53 | 75 | 7 | 8 | - | 9 | 9 | 2500 | 1 | 3 | 58 | 51 | 49 | 1 | 14 | 0.1 | | | | | | | | | | | | | |
| | Gorleston ... 5 | 1018.3 | +6 | NE | 3 | 20 | 46 | 97 | 6 | 5 | - | - | 2.3 | 2.3 | 4000 | 1018.8 | +8 | NE | 5 | bc | 52 | 75 | 7 | 8 | - | 4.6 | 4.6 | 2500 | 1 | 4 | 56 | 50 | 49 | 4 | Tr | 0.1 | | | | | | | | | | | | | |
| | Mildenhall ... 19 | 1018.3 | +6 | NE | 3 | 20 | 46 | 97 | 6 | 5 | - | - | 2.3 | 2.3 | 4000 | 1018.6 | +2 | NE | 2 | bc | 41 | 97 | 6 | 8 | - | Tr | Tr | 2500 | 1 | * | 56 | 41 | 33 | 0.3 | Tr | 0.1 | | | | | | | | | | | | | |
| | Cranwell ... 240 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1019.5 | -2 | ENE | 1 | bc | 43 | 85 | 8 | 5 | 4 | - | 4.6 | 4.6 | 4000 | 0 | * | 56 | 41 | 37 | Tr | - | 0.4 | | | | | | | | | | | | | |
| 3 | Birmingham ... 535 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1018.7 | -2 | NE | 2 | m/f | 41 | 97 | 4 | - | - | 0 | 1 | - | 1 | * | 60 | 41 | 32 | * | Tr | 4.4 | | | | | | | | | | | | | | |
| | Upper Heyford ... 408 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1018.5 | -2 | NE | 1 | 20 | 44 | 92 | 6 | 5 | - | 7.8 | 7.8 | 1500 | 0 | * | * | 43 | 37 | - | - | - | * | | | | | | | | | | | | | |
| 4 | Ross-on-Wye ... 223 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1017.8 | -4 | E'N | 2 | m | 43 | 97 | 4 | 5 | 3 | - | 1 | 7.8 | 450 | 1 | * | 62 | 41 | 34 | - | - | 9.1 | | | | | | | | | | | | | |
| 5 | Hartland Point ... 299 | 1016.7 | -2 | ENE | 3 | bc | 51 | 92 | 8 | 5 | - | - | 2.3 | 2.3 | 2500 | 1013.8 | -10 | ESE | 4 | C | 46 | 97 | 6 | 5 | 7 | - | 1 | 9 | 450 | 0 | 2 | 55 | 46 | 41 | - | - | 8.9 | | | | | | | | | | | | |
| | Bristol ... 209 | 1016.7 | +16 | NE | 3 | b | 52 | 85 | 7 | - | - | - | 0 | 0 | - | 1017.7 | -4 | S'W | 7 | 20 | 45 | 97 | 5 | 5 | - | 10 | 10 | 1500 | 1 | * | 60 | 42 | 31 | - | - | 8.7 | | | | | | | | | | | | | |
| | Portland Bill ... 32 | 1017.1 | 0 | NE | 1 | 20 | 44 | 97 | 6 | - | - | - | 0 | 0 | - | 1016.1 | -6 | NE | 3 | C | 51 | 85 | 7 | 5 | - | 10 | 10 | 2500 | 1 | 2 | 61 | 47 | * | 0.2 | - | * | | | | | | | | | | | | | |
| | Plymouth ... 82 | 1016.6 | +4 | E | 1 | bc | 50 | 92 | 8 | 8 | - | - | 2.3 | 2.3 | 2500 | 1014.8 | -10 | ESE | 3 | 4/r | 51 | 92 | 6 | 2 | 7 | 8 | 4.6 | 9 | 2500 | 1 | 1 | 61 | 44 | 41 | 9 | Tr | 9.3 | | | | | | | | | | | | |
| | The Lizard ... 240 | 1016.6 | +4 | E | 1 | bc | 50 | 92 | 8 | 8 | - | - | 2.3 | 2.3 | 2500 | 1013.5 | -10 | SE | 4 | C | 53 | 85 | 8 | 5 | - | 10 | 10 | 1500 | 0 | 2 | 61 | 48 | * | - | - | 6.3 | | | | | | | | | | | | | |
| | Scilly (St. Mary's) ... 163 | 1015.0 | -16 | SE | 4 | C | 52 | 85 | 8 | 5 | - | - | 9 | 9 | 2500 | 1011.0 | -14 | SE | 5 | C | 54 | 92 | 8 | 8 | 2 | - | 4.6 | 10 | 1500 | 1 | 3 | 59 | 48 | * | - | - | 9.6 | | | | | | | | | | | | |
| | Guernsey ... 175 | 1016.5 | -4 | E | 3 | bc | 48 | 92 | 8 | - | 1 | - | 0 | 2.3 | - | 1013.8 | -10 | SE | 6 | Cq | 51 | 92 | 7 | 8 | 2 | - | 7.8 | 10 | 1500 | 1 | 3 | 57 | 46 | * | - | - | 9.4 | | | | | | | | | | | | |
| 6 | Pembroke ... 142 | 1019.8 | +2 | - | 0 | m | 42 | 97 | 4 | - | - | - | 0 | 0 | - | 1015.8 | -10 | ESE | 3 | C | 48 | 75 | 7 | 5 | 4 | - | 4.6 | 7.8 | 4000 | 1 | 2 | 57 | 46 | 41 | Tr | - | 6.1 | | | | | | | | | | | | |
| 7 | Holyhead ... 26 | 1019.8 | +2 | - | 0 | m | 42 | 97 | 4 | - | - | - | 0 | 0 | - | 1018.6 | -6 | SE | 1 | F | 35 | 97 | 1 | - | 7 | 9 | 0 | 2.3 | - | 1 | 59 | 35 | 34 | - | - | * | | | | | | | | | | | | | |
| 8 | Chester (Sealand) ... 16 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1019.5 | -2 | ENE | 2 | 20 | 43 | 85 | 5 | - | 4 | - | 0 | Tr | - | 1 | * | 59 | 43 | 31 | - | - | 1.9 | | | | | | | | | | | | | |
| 10 | Spurn Head ... 29 | 1019.9 | +4 | E'N | 4 | bc | 51 | 75 | 7 | 5 | 4 | - | 2.3 | 2.3 | 2500 | 1020.3 | -2 | E'S | 4 | C | 52 | 65 | 7 | 8 | 4 | - | 4.6 | 7.8 | 2500 | 1 | 3 | 56 | 48 | * | 4 | 0.2 | 3.5 | | | | | | | | | | | | |
| | Catterick ... 175 | 1022.2 | +4 | ESE | 5 | 4/r | 50 | 85 | 8 | 2 | - | - | 7.8 | 7.8 | 2500 | 1021.4 | +2 | - | 0 | bc | 48 | 92 | 7 | 5 | - | - | 4.6 | 4.6 | 4000 | 1 | * | 55 | 41 | 33 | 1 | 0.4 | 3.4 | | | | | | | | | | | | |
| | Tynemouth ... 108 | 1022.2 | +4 | ESE | 5 | 4/r | 50 | 85 | 8 | 2 | - | - | 7.8 | 7.8 | 2500 | 1021.7 | -2 | ESE | 4 | C | 50 | 75 | 8 | 8 | - | - | 7.8 | 7.8 | 2500 | 1 | 2 | 55 | 49 | 45 | 5 | 2 | * | | | | | | | | | | | | |
| 11 | St. Abbs Head ... 280 | 1022.7 | +2 | SE | 6 | C | 49 | 75 | 8 | 8 | 6 | - | 4.6 | 7.8 | 2500 | 1021.5 | -4 | SE | 4 | C | 49 | 65 | 8 | 8 | 6 | - | 4.6 | 7.8 | 2500 | 0 | 3 | 49 | 47 | * | 3 | Tr | * | | | | | | | | | | | | |
| | Leuchars ... 36 | 1023.2 | +6 | SE | 4 | pr | 50 | 75 | 8 | 8 | - | - | 7.8 | 7.8 | 2500 | 1022.0 | -6 | ESE | 4 | bc | 48 | 75 | 8 | 8 | - | - | 4.6 | 4.6 | 2500 | 1 | * | 56 | 47 | 40 | 3 | 1 | 0.0 | | | | | | | | | | | | |
| 12 | Renfrew (Abbots I.) ... 19 | 1021.6 | +8 | E'S | 3 | 20 | 49 | 85 | 6 | 5 | - | - | 9 | 9 | 2500 | 1020.4 | -10 | E | 2 | C | 43 | 92 | 7 | 5 | - | - | 7.8 | 7.8 | 4000 | 0 | * | 60 | 41 | 23 | - | - | 2.4 | | | | | | | | | | | | |
| | Eskdalemuir ... 794 | 1019.2 | +8 | SE | 5 | C | 53 | 85 | 8 | 5 | - | - | 9 | 9 | 1500 | 1020.9 | -4 | ENE | 3 | C | 43 | 85 | 8 | 5 | - | - | 9 | 9 | 1500 | 1 | * | 52 | 38 | 35 | Tr | - | 1.2 | | | | | | | | | | | | |
| | Point of Ayre ... 30 | 1019.2 | +8 | SE | 5 | C | 53 | 85 | 8 | 5 | - | - | 9 | 9 | 1500 | 1017.6 | -12 | SE | 6 | bc | 51 | 85 | 8 | 8 | 4 | 4 | Tr | 2.3 | 1500 | 0 | 4 | 61 | 51 | * | - | - | 6.0 | | | | | | | | | | | | |
| 13A | Tiree ... 22 | 1020.7 | +10 | SE | 5 | C | 54 | 75 | 7 | 5 | 7 | - | 4.6 | 7.8 | 2500 | 1016.7 | -6 | ESE | 5 | bc | 50 | 75 | 8 | 5 | 4 | - | 2.3 | 2.3 | 4000 | 0 | 4 | 59 | 45 | 46 | - | - | 5.0 | | | | | | | | | | | | |
| 13B | Stornoway ... 80 | 1020.7 | +10 | SE | 5 | C | 54 | 75 | 7 | 5 | 7 | - | 4.6 | 7.8 | 2500 | 1020.6 | +4 | E | 6 | bc | 50 | 75 | 8 | 5 | 4 | - | 4.6 | 4.6 | 4000 | 0 | 3 | 57 | 50 | * | - | - | 1.7 | | | | | | | | | | | | |
| 15 | Dalwhinnie ... 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1028.9 | -6 | E'N | 4 | 4/r | 48 | 65 | 7 | 8 | - | - | 9 | 9 | 1500 | 1 | 3 | 56 | 48 | 43 | Tr | 1 | 1.0 | | | | | | | | | | | | | |
| | Aberdeen ... 79 | 1024.8 | +12 | SE | 6 | 4/r | 50 | 85 | 7 | 8 | 7 | - | 7.8 | 9 | 800 | 1024.2 | -2 | SE | 6 | pr | 50 | 75 | 8 | 8 | 7 | - | 4.6 | 7.8 | 1500 | 1 | 3 | 55 | 48 | * | - | - | * | | | | | | | | | | | | |
| | Wick ... 81 | 1028.4 | +4 | SE | 4 | bc | 48 | 75 | 8 | 5 | - | - | 4.6 | 4.6 | 1500 | 1028.6 | -2 | SE | 3 | bc | 48 | 65 | 8 | 5 | 3 | - | 4.6 | 4.6 | 1500 | 0 | * | 54 | 45 | * | - | - | 6.8 | | | | | | | | | | | | |
| 16 | Lerwick ... 156 | 1011.2 | -14 | E'S | 4 | bc | 51 | 75 | 8 | - | 4 | - | 0 | 2.3 | - | 1007.4 | -24 | SE | 6 | Cq | 51 | 85 | 8 | 9 | - | - | 7.8 | 7.8 | 1500 | 0 | 4 | 60 | 47 | * | 1 | - | * | | | | | | | | | | | | |
| | Blacksod Point ... 18 | 1016.6 | -2 | SE | 2 | bc | 51 | 92 | 7 | 5 | - | - | 4.6 | 4.6 | 2500 | 1014.4 | -6 | SE | 5 | C | 51 | 75 | 7 | 8 | - | 4 | 4.6 | 7.8 | 4000 | 0 | 3 | 57 | 47 | * | 0.2 | - | 0.8 | | | | | | | | | | | | |
| | Malin Head ... 84 | 1016.6 | -2 | SE | 2 | bc | 51 | 92 | 7 | 5 | - | - | 4.6 | 4.6 | 2500 | 1015.9 | -6 | ESE | 4 | C | 50 | 85 | 7 | 5 | - | 2 | 7.8 | | | | | | | | | | | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 9th October, 1939.

No. 28,445.

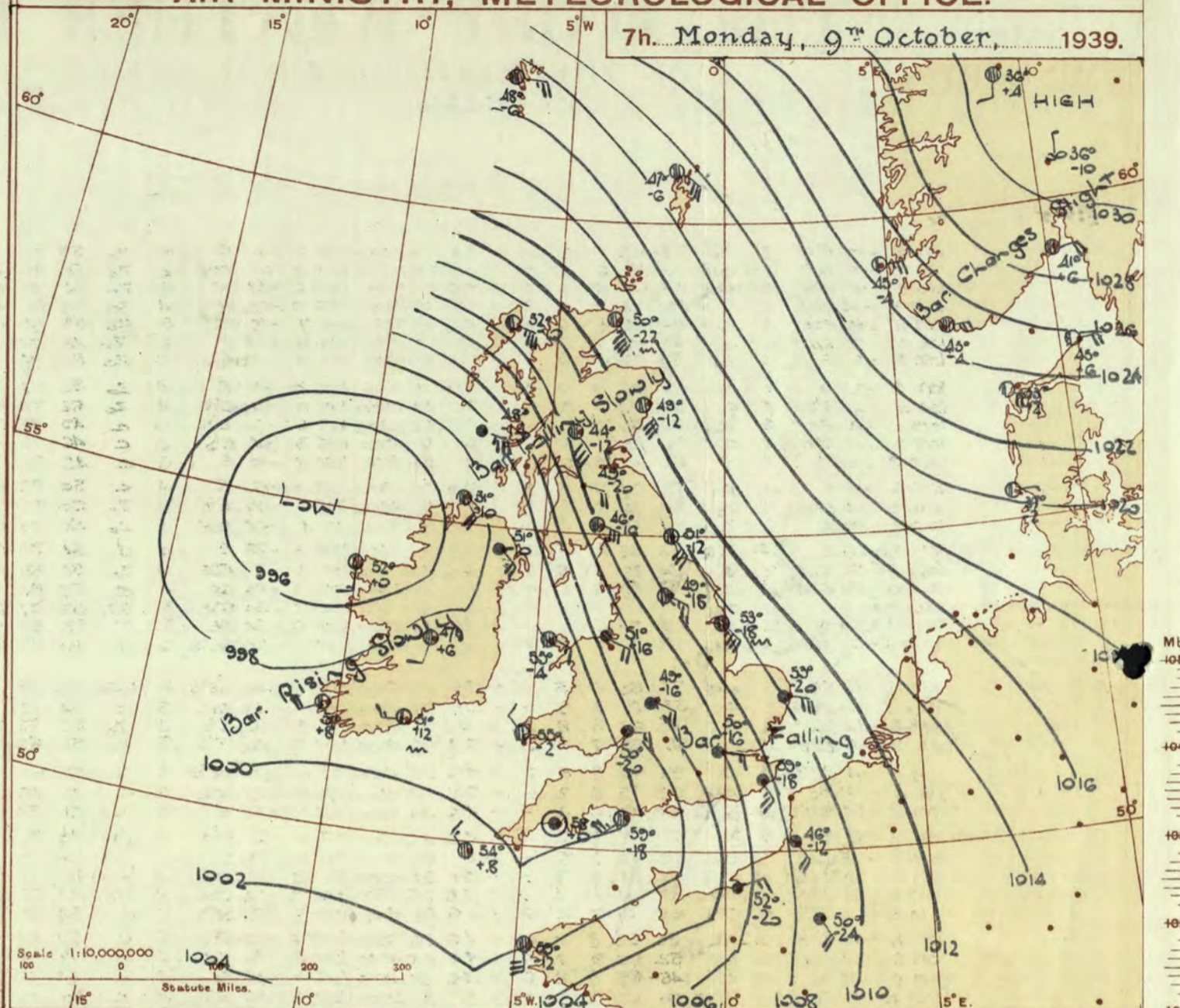
OBSERVATIONS at 13h. G.M.T. 8th October.OBSERVATIONS at 18h. G.M.T. 8th October.

PAST 24 HOURS.

| District. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. (5) | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. (19) | Temp. °F. (20) | |
|-----------|--------------------------------------|-------------------------------|------------------------------|-------|--|-----------------|---------------------|--------------------|---------------------------|--------|--|--|--|--|--------------------------------|-------------------------------|-------|--|------------------|----------------------|--|
|-----------|--------------------------------------|-------------------------------|------------------------------|-------|--|-----------------|---------------------|--------------------|---------------------------|--------|--|--|--|--|--------------------------------|-------------------------------|-------|--|------------------|----------------------|--|

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday, 9th October, 1939.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M. 9th October, 1939.

| | |
|--|---|
| 1 S.E. England | Wind southeast, fresh to strong, gale locally on coast, at first, veering southwest, moderate tomorrow; dull; rainy today; brighter periods, showers tomorrow; average temperature. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | Wind southwest, moderate, increasing fresh and strong locally on the coast; showery; variable sky; average temperature. |
| 5 S.W. England | |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | Wind southeast, strong, gale at times on the coast; dull; rainy; local coast fog in east; average temperature. |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man | Southeast to east gale; cloudy; occasional rain or showers; rather cold. |
| 13 { A.W. Scotld. B.N.W. Scot- land. | |
| 14 Mid Scotland | |
| 15 N.E. Scotland | Wind variable, moderate, finally west to northwest; cloudy; occasional rain or showers; average temperature. |
| 16 Orkneys and Shetlands | |
| 17 N.W. Ireland | |
| 18 N.E. Ireland | |
| 19 S.E. Ireland | As 8 - 12. |
| 20 S.W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A depression is almost stationary over Northwest Ireland whilst an associated trough extending across Wales to Normandy and Central France will extend eastwards. Southeasterly winds, strong to gale will continue for some hours in the North and East. There will be practically continuous rain over most of England and Southern Scotland but brighter showery conditions in the extreme southwest will extend slowly to Southern England.

FURTHER OUTLOOK.

Unsettled generally.

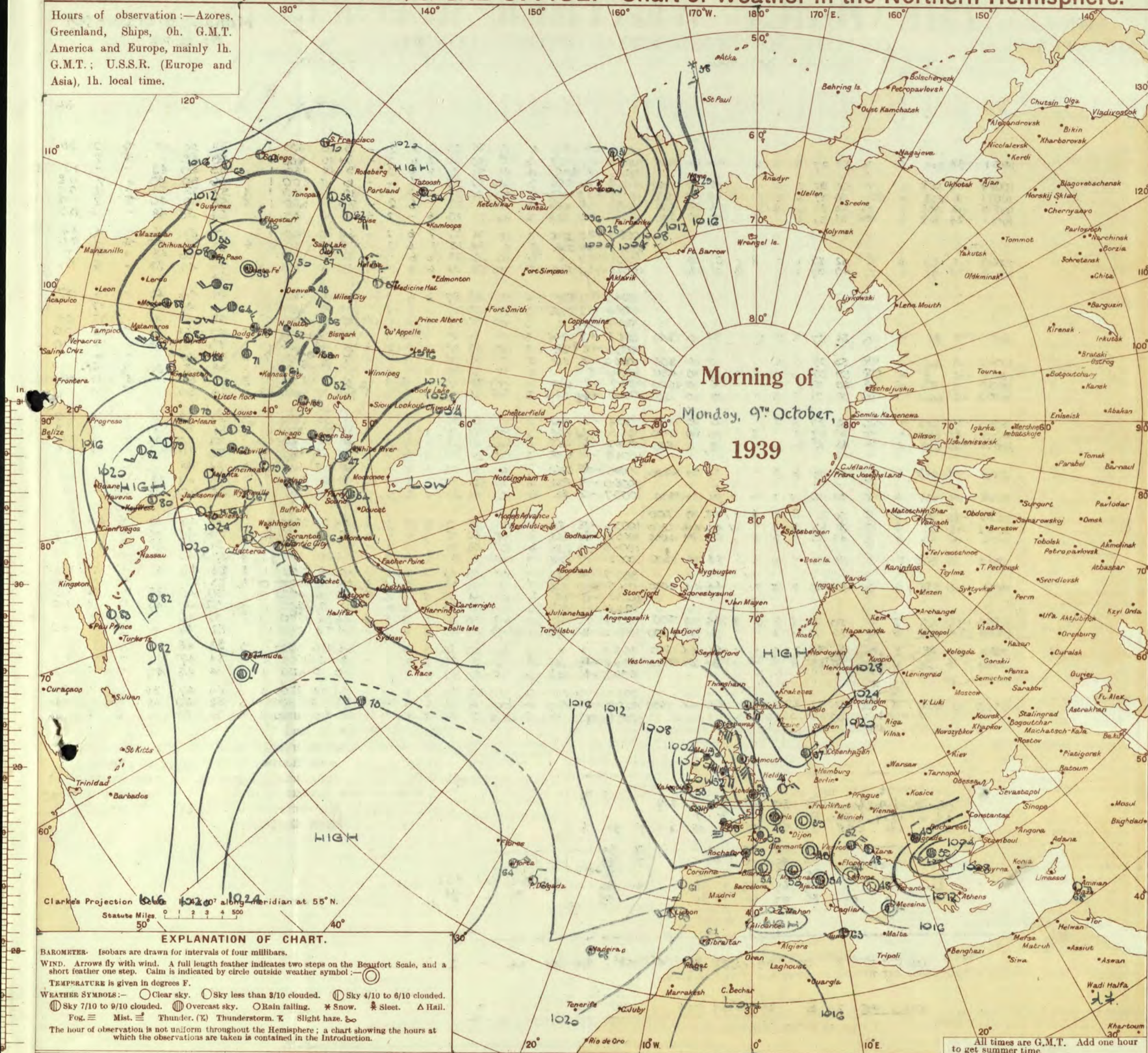
Forecasts issued at
H.M.S.O. Press, Cornwall 0950 G.M.T.

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday, 9th October, 1939.
No 28,445

| OBSERVATIONS at 1 hr. G.M.T. 9 th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 9 th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | |
|--|--------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|---------|------------------------|--|--------|-----------------------|--------------------|-------|---------|----------|-----------|----------|-------------|------------------------|------|------|------|----------------|------------------|---------------|--------------|------|-----|------------|------|-------------------|---------------------|-----------------------|-------------------|----------------|------------------|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | | State of ground. | Sea. 0-9 (30) | TEMPERATURE. | | | RAINFALL. | | SUN- SHINE 8 Hrs. | | | | | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base. (feet) | Direc. | Force. | | | Form. | Amount. | | | | | Height of Base. (feet) | Low. | Med. | High | Low | | | Total 0-10 | High | Low | Total 0-10 | High | | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) | 18 | 1010.1 | -38 | ESE | 3 | z. | 53 | 97 | 5 | 2 | - | 4-6 | 10 | 1500 | 1005.0 | -18 | ES | 4 | rr | 50 | 97 | 5 | 6 | 2 | - | 9 | 10 | 1500 | 1 | * | 58 | | | | | | | | | |

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 10th October 1939
No. 28,446

| OBSERVATIONS at 13h. G.M.T. 9th. October | | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 9th. October | | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | |
|--|--------------------------------------|-------------------------------|-----------------------|--------|----------------|----------|--------------|-------------|--------------------|--------|------|------|-----|---------------|--|-------------------------------|-----------------------|-------|------|----------|--------------|-------------|--------------------|--------|-----|---------------|-----------------|------------------|---------------------------------|----------------------------|-------------|---------------------|-----------------|--------|--------|-----|
| District. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | | | Height of Base. (feet) | Barom. at M.S.L. mb. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | | | Height of Base. (feet) | State of Ground. 0-9 | Sea. 0-9 | WEATHER. | | | | |
| | | | | Direc. | Force. 0-12 | | | | | Form. | Med. | High | Low | Total 0-10 | | | | Form. | Med. | | | | | High | Low | Total 0-10 | 7h.—13h. 9h. | 13h.—18h. 9h. | | | | 18h. 9h. to 10h. | 1h.—7h. 10h. | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | (1) | (2) | (3) |
| 1 | London (Kew)... | 1002.8 | -2.0 | ESE | 3 | bc | 54 | 57 | 5 | 2 | - | 7-8 | 10 | 800 | 1003.4 | +2.4 | SWW | 2 | z | 54 | 92 | 5 | 5 | 2 | - | 9 | 10 | 1500 | 1 | * | errg m | errg m | errg m | errg m | | |
| | Croydon ... | 1002.4 | -1.4 | ESE | 3 | bc | 53 | 57 | 6 | 2 | - | 7-8 | 10 | 800 | 1003.3 | +1.4 | WSW | 3 | z | 55 | 97 | 5 | 5 | 7 | - | 4-6 | 9+ | 5700 | 2 | * | errg m | errg m | errg m | errg m | | |
| | S. Farnborough | 1002.2 | -1.4 | SE/E | 3 | bc | 53 | 57 | 5 | 2 | - | 4-6 | 10 | 450 | 1003.8 | +2.4 | WSW | 3 | z | 54 | 97 | 6 | 6 | 7 | - | 4-6 | 7-8 | 1500 | 1 | * | errg m | errg m | errg m | errg m | | |
| | Boscombe Down | 1002.0 | 0 | W/W | 3 | bc | 53 | 57 | 5 | 2 | - | 4-6 | 10 | 800 | 1004.5 | +2.6 | W | 3 | bc | 52 | 85 | 7 | 5 | 7 | - | 2-3 | 4-6 | 2500 | 1 | * | errg m | errg m | errg m | errg m | | |
| | Calshot (Soton.) | 1002.8 | +2 | W | 2 | bc | 53 | 57 | 7 | 2 | - | 9 | 10 | 1500 | | | | | | | | | | | | | | | | | | | | | | |
| | Lympe | 1004.3 | -1.8 | SE | 4 | bc | 53 | 57 | 3 | 6 | - | - | 10 | 10 | 1500 | 1003.7 | +2 | SWW | 3 | rr | 57 | 97 | 5 | 6 | 2 | - | 9+ | 10 | 220 | 1 | * | errg m | errg m | errg m | errg m | |
| | Manston | 1004.8 | -1.4 | SE/E | 6 | bc | 53 | 57 | 5 | 6 | - | - | 10 | 10 | 450 | 1003.1 | -8 | ESE | 4 | rr | 53 | 97 | 6 | 6 | - | - | 10 | 10 | 800 | 1 | * | errg m | errg m | errg m | errg m | |
| 2 | Shoeburyness ... | 1004.8 | -2.4 | SE/S | 6 | rr | 52 | 57 | 6 | 2 | - | 9+ | 10 | 800 | 1003.1 | -2 | SE/E | 2 | RR | 53 | 97 | 6 | 6 | 2 | - | 10 | 10 | 800 | 1 | * | errg m | errg m | errg m | errg m | | |
| | Felixstowe ... | 1008.6 | -2.0 | ESE | 7 | rr | 53 | 57 | 6 | 2 | - | 10 | 10 | 1500 | 1004.8 | -8 | E/S | 7 | rr | 53 | 85 | 6 | 6 | - | - | 10 | 10 | 800 | 1 | 5 | errg m | errg m | errg m | errg m | | |
| | Gorleston | 1003.7 | -2.2 | SE | 5 | rr | 51 | 57 | 6 | 2 | - | 9+ | 10 | 800 | 1002.1 | -6 | SE/E | 5 | rr | 51 | 97 | 6 | 6 | 2 | - | 9 | 10 | 800 | 1 | * | errg m | errg m | errg m | errg m | | |
| | Mildenhall | 1002.6 | -1.2 | E/S | 3 | rr | 49 | 57 | 5 | 5 | 2 | - | 9 | 10 | 800 | 1002.4 | -2 | E/S | 2 | rr | 49 | 97 | 5 | 5 | - | - | 10 | 10 | 450 | 0 | * | errg m | errg m | errg m | errg m | |
| | Cranwell | 1002.6 | -1.2 | E/S | 3 | rr | 49 | 57 | 5 | 5 | 2 | - | 9 | 10 | 800 | 1002.4 | -2 | E/S | 2 | rr | 49 | 97 | 5 | 5 | - | - | 10 | 10 | 450 | 0 | * | errg m | errg m | errg m | errg m | |
| 3 | Birmingham | 1002.0 | -1.0 | E | 3 | rr | 48 | 52 | 6 | 2 | - | 10 | 10 | 450 | 1003.5 | +1.2 | WSW | 2 | m | 49 | 92 | 4 | 6 | 7 | - | 7-8 | 10 | 800 | 1 | * | errg m | errg m | errg m | errg m | | |
| | Upper Heyford | 1002.5 | -2.0 | ES | 2 | rr | 50 | 57 | 4 | 2 | - | 10 | 10 | 450 | 1003.3 | +1.6 | W | 3 | c/pr | 50 | 97 | 6 | 5 | 4 | - | 7-8 | 9+ | 1500 | 1 | * | errg m | errg m | errg m | errg m | | |
| 4 | Ross-on-Wye ... | 1001.2 | 0 | NW | 2 | rr | 51 | 57 | 6 | 2 | - | 10 | 10 | 800 | 1003.9 | +1.6 | SW | 2 | c | 51 | 97 | 8 | 8 | - | 8 | 1 | 7-8 | 2500 | 1 | * | errg m | errg m | errg m | errg m | | |
| 5 | Hartland Point | 1002.0 | +1.8 | WNW | 4 | c | 53 | 55 | 6 | 2 | 7 | - | 6 | 7-8 | 1500 | 1005.2 | +1.2 | WNW | 4 | bc | 54 | 75 | 8 | 8 | - | 4-6 | 4-6 | 2500 | 1 | 3 | errg m | errg m | errg m | errg m | | |
| | Bristol ... | 1001.1 | +1.2 | WNW | 2 | c | 53 | 52 | 6 | 2 | - | 9 | 10 | 800 | 1004.4 | +2.0 | W | 4 | bc | 52 | 85 | 7 | 8 | 7 | 8 | 2-3 | 4-6 | 2500 | 1 | * | errg m | errg m | errg m | errg m | | |
| | Portland Bill | 1001.4 | +6 | NW | 4 | rr | 53 | 52 | 7 | 3 | - | 10 | 10 | 1500 | 1005.3 | +2.4 | NW | 4 | bc | 56 | 85 | 8 | 5 | - | 8 | 4-6 | 4-6 | 2500 | 1 | 4 | errg m | errg m | errg m | errg m | | |
| | Plymouth | 1003.4 | +2.2 | WNW | 3 | c | 57 | 73 | 7 | 2 | 1 | - | 2-3 | 10 | 1500 | 1007.1 | +2.4 | W | 4 | b | 55 | 75 | 8 | 2 | 8 | 1 | 1 | 2500 | 1 | 3 | errg m | errg m | errg m | errg m | | |
| | The Lizard | 1004.8 | +1.4 | WN | 3 | bc | 57 | 75 | 8 | 6 | 6 | - | 4-6 | 4-6 | 2500 | 1008.7 | +2.0 | W | 6 | c | 54 | 92 | 8 | 8 | 6 | - | 7-8 | 7-8 | 2500 | 0 | 2 | errg m | errg m | errg m | errg m | |
| | Scilly (St. Mary's) | 1004.8 | +1.4 | W | 3 | bc | 58 | 75 | 8 | 2 | 6 | 3 | 2-3 | 4-6 | 2500 | 1007.0 | +8 | WSW | 5 | bc | 55 | 85 | 8 | 8 | 6 | - | 2-3 | 4-6 | 2500 | 1 | 3 | errg m | errg m | errg m | errg m | |
| | Guernsey | 1004.8 | +1.4 | W | 3 | bc | 58 | 75 | 8 | 2 | 6 | 3 | 2-3 | 4-6 | 2500 | 1007.0 | +8 | WSW | 5 | bc | 55 | 85 | 8 | 8 | 6 | - | 2-3 | 4-6 | 2500 | 1 | 3 | errg m | errg m | errg m | errg m | |
| 6 | Pembroke ... | 1002.3 | +8 | WNW | 4 | cq | 55 | 55 | 8 | 2 | 7 | 8 | 2-3 | 7-8 | 1000 | 1004.7 | +1.0 | W | 6 | cq | 55 | 75 | 8 | 8 | - | - | 7-8 | 7-8 | 1500 | 1 | 3 | cq | cq | bcq | bcq | |
| 7 | Holyhead | 1002.0 | +2 | S | 4 | c/r | 55 | 55 | 8 | 2 | - | 7-8 | 9+ | 2500 | 1001.2 | +8 | SWW | 3 | bc | 55 | 75 | 8 | 8 | 3 | - | 2-3 | 4-6 | 2500 | 1 | 2 | cq | cq | bcq | bcq | | |
| | (Chester (Sealand)) | 1002.6 | -6 | SE/E | 1 | rr | 50 | 57 | 5 | 6 | 2 | - | 9+ | 10 | 800 | 1002.7 | +2 | SE | 2 | c/r | 50 | 97 | 5 | 8 | 3 | - | 4-6 | 9+ | 1500 | 1 | * | cq | cq | bcq | bcq | |
| 8 | Manchester | 1002.9 | -1.0 | SE/E | 3 | rr | 50 | 52 | 5 | 6 | 2 | - | 9 | 10 | 800 | 1002.8 | +2 | SE/E | 1 | rr | 50 | 97 | 4 | 5 | 2 | - | 9+ | 10 | 1500 | 1 | * | cq | cq | bcq | bcq | |
| 10 | Spurn Head | 1005.0 | -1.4 | SE/E | 7 | rr | 54 | 55 | 5 | 5 | - | 10 | 10 | 800 | 1002.9 | -8 | SE | 7 | RR | 51 | 92 | 4 | 5 | - | - | 10 | 10 | 450 | 2 | 5 | cq | cq | bcq | bcq | | |
| | Catterick | 1005.2 | -1.6 | SE/S | 4 | rr | 51 | 57 | 6 | 5 | - | 10 | 10 | 800 | 1004.6 | -4 | SE | 2 | rr | 48 | 97 | 5 | 6 | - | - | 10 | 10 | 450 | 1 | * | cq | cq | bcq | bcq | | |
| | Tynemouth | 1007.3 | -1.0 | SE | 6 | rr | 52 | 55 | 7 | 6 | - | 10 | 10 | 1500 | 1006.1 | -4 | SE | 6 | rr | 50 | 97 | 6 | 6 | - | - | 10 | 10 | 1500 | 1 | 4 | cq | cq | bcq | bcq | | |
| 11 | St. Abbs Head | 1006.5 | -1.2 | SE | 8 | cq | 50 | 75 | 8 | 9 | 2 | - | 7-8 | 10 | 1500 | 1005.7 | 0 | SE | 8 | rr | 49 | 85 | 7 | 9 | 2 | - | 7-8 | 10 | 1500 | 1 | 5 | cq | cq | bcq | bcq | |
| | Leuchars | 1007.9 | -1.2 | SE | 8 | cq | 50 | 75 | 7 | 5 | 2 | - | 4-6 | 10 | 2500 | 1007.2 | -2.6 | SE | 7 | rr | 49 | 85 | 6 | 6 | - | - | 10 | 10 | 800 | 1 | * | cq | cq | bcq | bcq | |
| 12 | Renfrew (Abbots L.) | 1004.7 | -6 | ESE | 4 | rr | 49 | 55 | 5 | 6 | - | 10 | 10 | 800 | 1003.8 | -4 | E | 4 | rr | 48 | 97 | 5 | 5 | - | - | 10 | 10 | 800 | 1 | * | cq | cq | bcq | bcq | | |
| | Eskdalemuir | 1005.1 | -6 | ES | 5 | rr | 49 | 52 | 6 | 6 | - | 10 | 10 | 450 | 1003.8 | -4 | ESE | 5 | rr | 47 | 92 | 6 | 6 | - | - | 10 | 10 | 800 | 1 | * | cq | cq | bcq | bcq | | |
| | Point of Ayre | 1000.9 | -4 | SSE | 7 | rr | 52 | 52 | 6 | 2 | - | 7-8 | 10 | 800 | 1001.0 | +2 | S/E | 4 | rr | 52 | 97 | 7 | 8 | 2 | - | 7-8 | 9+ | 800 | 1 | 3 | cq | cq | bcq | bcq | | |
| 13a | Tiree ... | 999.2 | -2 | ESE | 7 | rr | 50 | 55 | 6 | 2 | - | 10 | 10 | 1500 | 999.3 | 0 | ESE | 6 | rr | 50 | 85 | 6 | 6 | - | - | 9 | 9 | 1500 | 1 | 5 | cq | cq | bcq | bcq | | |
| 13b | Stornoway | 1000.5 | 0 | ESE | 7 | rr | 51 | 75 | 7 | 5 | 2 | - | 7-8 | 10 | 2500 | 1005.8 | -4 | ESE | 7 | rr | 50 | 85 | 7 | 5 | 2 | - | 7-8 | 10 | 2500 | 1 | 4 | cq | cq | bcq | bcq | |
| 15 | Dalwhinnie | 1008.9 | -1.4 | SE | 7 | rr | 45 | 75 | 7 | 6 | 2 | - | 4-6 | 10 | 2500 | | -2 | SE | 7 | RR | 43 | 92 | 6 | 6 | 2 | - | 4-6 | 10 | 2500 | 1 | * | cq | cq | bcq | bcq | |
| | Aberdeen | 1010.7 | -1.4 | SE | 6 | c | 51 | 65 | 6 | 6 | - | 9+ | 9+ | 1500 | 1009.9 | +2 | SE | 6 | c | 51 | 65 | 6 | 2 | 7 | - | 4-6 | 10 | 1500 | 1 | 4 | cq | cq | bcq | bcq | | |
| | Wick ... | 1011.2 | -4 | SE | 9 | cq | 51 | 75 | 7 | 5 | 7 | - | 7-8 | 9+ | 1500 | 1010.0 | -2 | SE | 9 | c/pr | 51 | 85 | 7 | 5 | 2 | - | 7-8 | 10 | 1500 | 1 | 5 | cq | cq | bcq | bcq | |
| 16 | Lerwick... | 1015.0 | -8 | SE | 7 | c/pr | 49 | 75 | 8 | 7 | - | 7-8 | 7-8 | 800 | 1017.5 | +4 | SE | 8 | c/pr | 49 | 85 | 7 | 8 | 7 | - | 7-8 | 9+ | 800 | 1 | * | cq | cq | bcq | bcq | | |
| 17 | Blacksod Point... | 996.0 | +4 | SW | 3 | bc | 54 | 75 | 8 | 3 | - | 4-6 | 4-6 | 1500 | 996.2 | 0 | SW | 3 | c | 51 | 75 | 7 | 9 | - | - | 9 | 9 | 800 | 1 | 3 | cq | cq | bcq | bcq | | |
| 18 | Malin Head | 997.4 | +6 | S | 4 | c | 55 | 75 | 8 | 9 | - | 4-6 | 7-8 | 4000 | 998.1 | +2 | SSW | 4 | c | 51 | 75 | 7 | 8 | 5 | 2 | 4-6 | 7-8 | 5700 | 0 | 3 | c | c | bcq | bcq | | |
| | Aldergrove | 998.0 | +6 | SWW | 2 | c | 55 | 75 | 8 | 6 | 1 | - | 2-3 | 9+ | 1500 | 999.5 | +2 | SSW | 1 | bc | 51 | 75 | 8 | 8 | - | - | 4-6 | 4-6 | 2500 | 1 | * | cq | cq | bcq | bcq | |
| 19 | Birr Castle | 1000.1 | +2 | SW | 2 | c | 64 | 65 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1500 | 1000.6 | +6 | SSE | 2 | c/pr | 48 | 85 | 8 | 3 | 7 | - | 2-3 | 7-8 | 1500 | 1 | 4 | c | c | bcq | bcq | |
| 20 | Valentia Obsy. † | 1000.5 | +6 | WSW | 4 | pr | 52 | 75 | 8 | 9 | 3 | - | 7-8 | 7-8 | 2500 | 1000.3 | 0 | SWW | 2 | bc/pr | 51 | 75 | 8 | 3 | 4 | - | 4-6 | 4-6 | 2500 | 1 | 4 | c | c | bcq | bcq | |
| | Roches Point | 1001.9 | +6 | WS | 4 | c/pr | 55 | 75 | 8 | 3 | 4 | - | 4-6 | 4-6 | 2500 | 1002.5 | +2 | W | 4 | c/pr | 51 | 75 | 8 | 9 | - | 3 | 7-8 | 7-8 | 1500 | 1 | 4 | c | c | bcq | bcq | |

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

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, 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. i, 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). /gate.
⊕ 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.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

- 0 No low clouds.
- 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.

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.

An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

§ Sea disturbance reported from Dungeness.

COLUMNS 10; 24.—FORM OF MEDIUM CLOUD.

CLOUD.

- 0 No medium clouds.
- 1 Typical As (thin).
- 2 Typical As (thick) (sun or moon invisible), or Nimbostratus (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.

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

CLOUD.

- 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 cirrus.

(Cc may occur with any of the types 1 to 8).

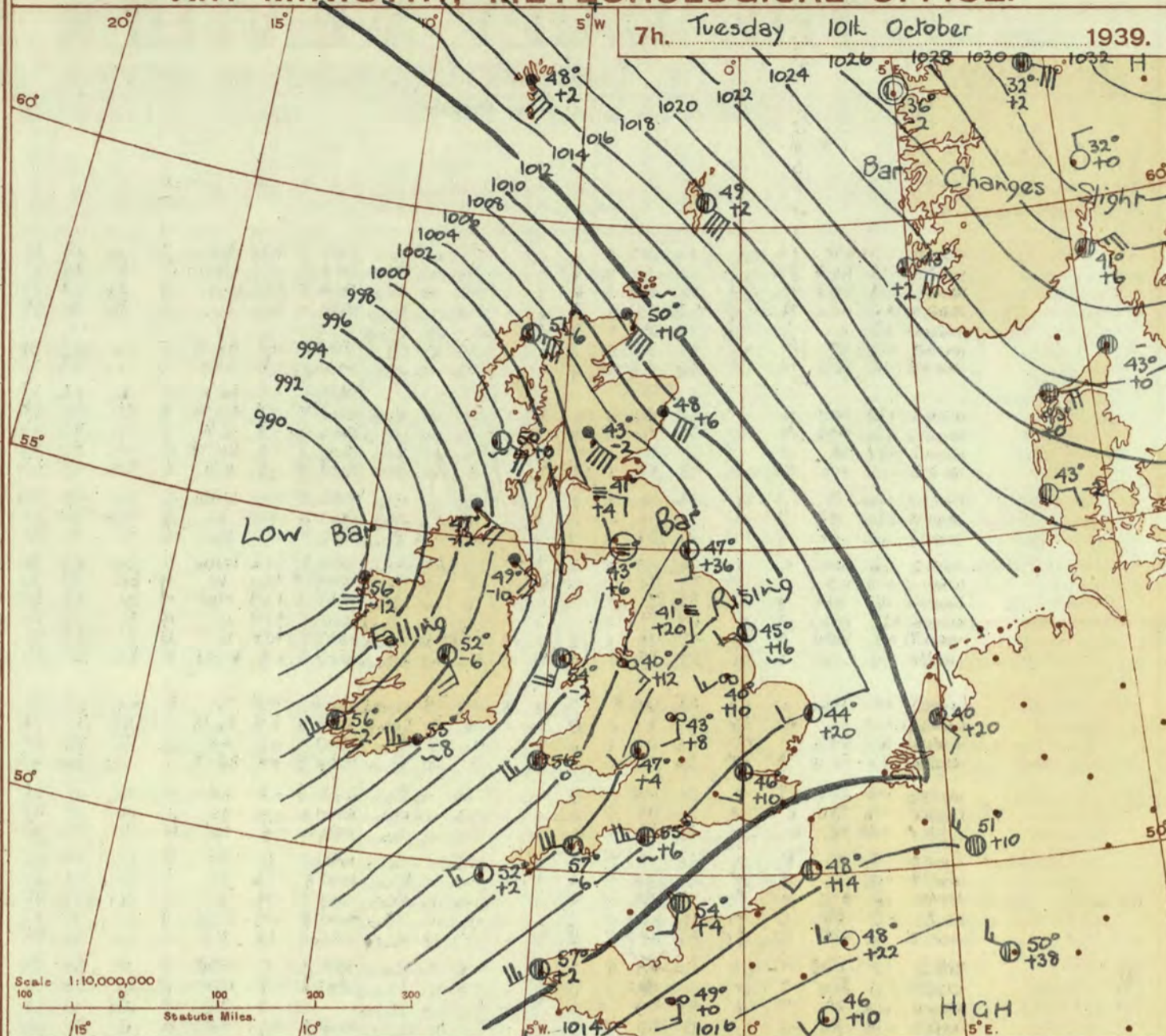
COLUMN 29 —STATE OF GROUND.

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

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 10th October 1939.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th. October, 1939. |
|--|---|
| 1 S.E. England | Wind south to southwest, moderate or fresh; bright periods; occasional showers; rather mild. |
| 2 E. England ... | |
| 3 E. Midlands ... | Wind south to southwest, fresh to strong locally on the coast; occasional rain or showers; bright intervals; rather mild. |
| 4 W. Midlands ... | |
| 5 S.W. England | Wind southeast to south, moderate to fresh locally; mainly cloudy; occasional rain or showers; rather mild. |
| 6 South Wales ... | |
| 7 North Wales ... | Wind southeast, strong to gale; cloudy; occasional rain, prolonged and heavy in places; average temperature. |
| 8 N.W. England | |
| 9 N. Midlands ... | As 3 - 6. |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A.W.Scotld. B.N.W.Scot- land. | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N.W. Ireland | |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Pressure is high over Scandinavia whilst a deep depression just off Northwest Ireland will move slowly east. Weather will be generally unsettled with occasional rain or showers in most districts but with some bright periods. In North and East Scotland rainfall will be heavy with a southeasterly gale.

FURTHER OUTLOOK.

Unsettled; rather mild

Forecasts issued at 0930 G.M.T.

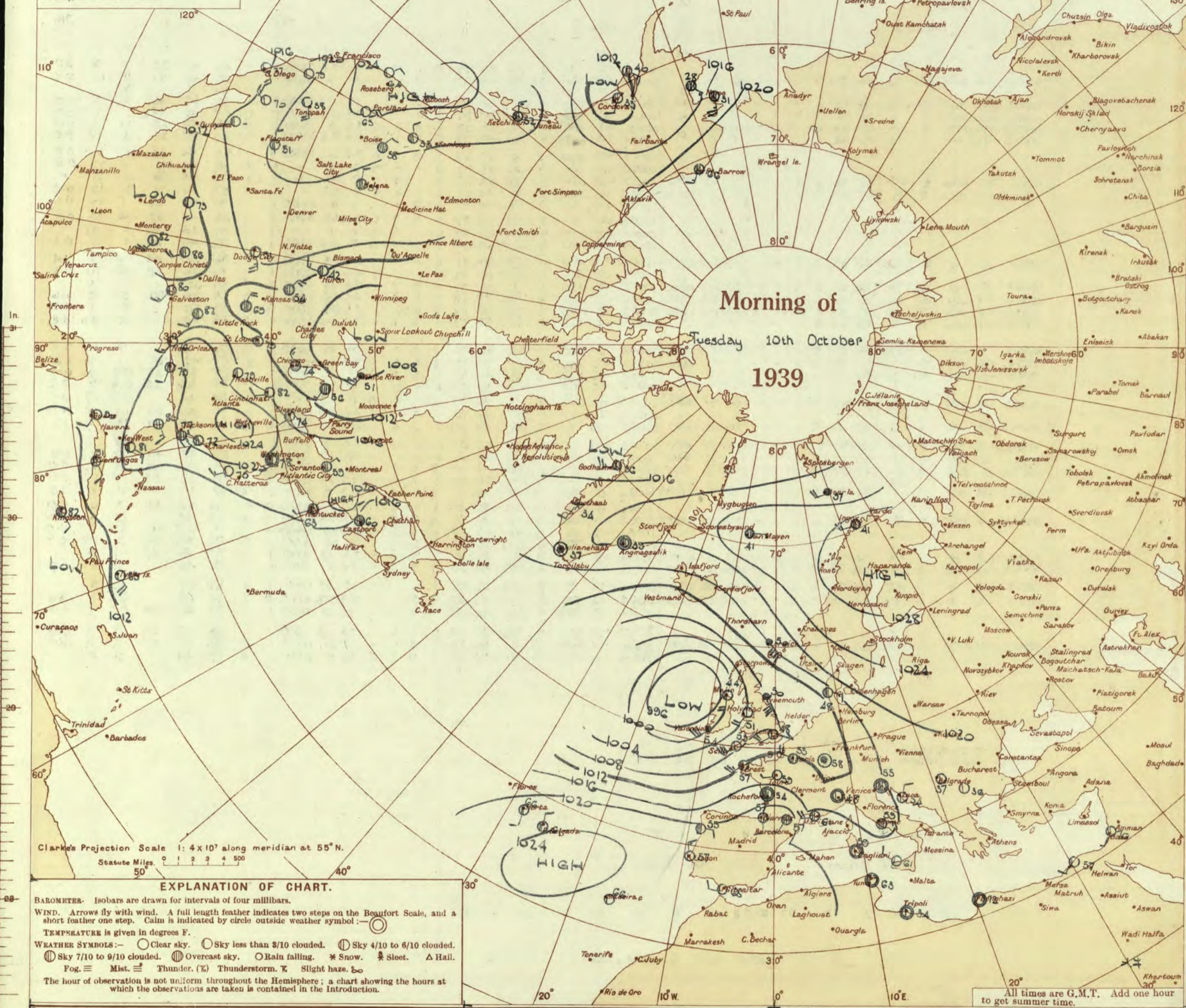
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

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AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Tuesday 10th October 1939.
 No. 28,446

| OBSERVATIONS at 1 hr. G.M.T. 10th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 10th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|------------|--------|---------|------------------------|---|-----------------------|--------------------|-------|-----|----------|-----------|----------|------------|--------|---------|------------------------|-----|------------------|----------------|--------------|---------------------|-----------------------|-------------------|----------------|------------------|-----|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | | State of ground. | Sea. | TEMPERATURE. | | RAINFALL. | | SUNSHINE Hrs. | | | | | | | | | | | | | | | | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | | | | | | | | | | Form. | Amount. | Height of Base (feet). | | | | | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) | 18 | 1005.3 | -2 | SW | 4 | z. | 48 | 85 | 6 | - | - | 0 | 0 | 1010.6 | +10 | S | 2 | z. | 43 | 92 | 5 | 5 | 7 | 4 | 4-6 | 7-8 | 2500 | 1 | * | 57 | 41 | 32 | 7 | Tr | 0.0 | | | | | | | | | | | | | |
| | Croydon | 217 | 1005.3 | -2 | SW | 4 | z. | 48 | 85 | 6 | - | - | 0 | 0 | 1010.8 | +10 | SW | 3 | z. | 46 | 97 | 7 | 8 | - | - | 4-6 | 9 | 4000 | 1 | * | 58 | 44 | 41 | 11 | 0.1 | 0.0 | | | | | | | | | | | | | |
| | S. Farnborough | 226 | 1005.1 | +10 | SW | 2 | z. | 44 | 92 | 6 | - | - | 0 | 0 | 1010.1 | +8 | SW | 2 | bf | 40 | 97 | 7 | 5 | - | - | 1 | 1 | 2500 | 1 | * | 59 | 42 | 36 | 5 | Tr | 0.0 | | | | | | | | | | | | | |
| | Boscombe Down | 417 | 1005.4 | +10 | SW | 2 | z. | 48 | 92 | 7 | - | - | 0 | 0 | 1010.3 | +10 | WS | 2 | bc | 50 | 92 | 8 | 5 | - | - | 0 | 4-6 | 800 | 1 | 1 | 60 | 47 | 44 | 1 | 1 | 0.0 | | | | | | | | | | | | | |
| | Calshot (St. Hmtn.) | 8 | 1005.5 | +24 | WN | 3 | z. | 46 | 92 | 6 | - | - | 0 | 0 | 1011.3 | +8 | WS | 2 | bc | 45 | 92 | 8 | 6 | 6 | 6 | 4-6 | 9 | 2500 | 1 | 2 | 58 | 43 | 35 | 21 | 1 | 0.0 | | | | | | | | | | | | | |
| | Lympe | 346 | 1005.5 | +22 | WS | 3 | z. | 48 | 92 | 6 | - | - | 0 | 0 | 1011.6 | +18 | SW | 2 | c | 43 | 92 | 7 | 8 | 7 | 5 | 4-6 | 7-8 | 2500 | 1 | * | 53 | 40 | 34 | 3 | 12 | 0.0 | | | | | | | | | | | | | |
| 2 | Manston | 154 | 1008.5 | +22 | WS | 3 | z. | 48 | 92 | 6 | - | - | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | * | * | 1011.1 | +12 | SSW | 2 | c | 47 | 87 | 6 | 8 | - | - | 6 | 2-3 | 9 | 2500 | 1 | * | 53 | 44 | 31 | 2 | 0.3 | 0.0 | | | | | | | | | | | | |
| | Felixstowe | 15 | 1006.3 | +12 | WSW | 2 | c/r | 51 | 92 | 6 | 6 | - | 10 | 10 | 1009.9 | +14 | WS | 3 | z. | 45 | 92 | 5 | - | - | 6 | 0 | 7-8 | - | 1 | 2 | 55 | 44 | 41 | 1 | 17 | 0.0 | | | | | | | | | | | | | |
| | Gorleston | 5 | 1007.3 | +22 | SW | 2 | b | 47 | 97 | 7 | 5 | - | 1 | 1 | 1009.9 | +20 | SW | 2 | bc | 44 | 92 | 6 | - | 4 | - | 0 | 4-6 | - | 1 | 3 | 55 | 44 | 43 | 13 | 5 | * | | | | | | | | | | | | | |
| | Mildenhall | 19 | 1007.3 | +22 | SW | 2 | b | 47 | 97 | 7 | 5 | - | 1 | 1 | 1009.7 | +10 | SSW | 2 | z. | 43 | 97 | 6 | - | 3 | 4 | 0 | 2-3 | - | 1 | * | 53 | 41 | 31 | 3 | 15 | 0.0 | | | | | | | | | | | | | |
| 3 | Cranwell | 240 | * | * | * | * | * | * | * | * | * | * | * | * | 1008.8 | +10 | SW | 3 | z. | 40 | 97 | 6 | 5 | 4 | - | Tr | Tr | 5700 | 1 | * | 51 | 39 | 32 | 1 | 16 | 0.0 | | | | | | | | | | | | | |
| | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | * | * | 1008.3 | +8 | S | 2 | z. | 43 | 97 | 5 | 5 | 7 | 6 | 2-3 | 4-6 | 4000 | 1 | * | 49 | 41 | 37 | 0.2 | 13 | 0.0 | | | | | | | | | | | | | |
| 4 | Upper Heyford | 408 | * | * | * | * | * | * | * | * | * | * | * | * | 1010.1 | +10 | 0 | 0 | z. | 39 | 97 | 6 | - | 3 | 5 | 0 | 1 | - | 1 | * | 51 | 38 | 29 | - | 22 | * | | | | | | | | | | | | | |
| | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | * | * | * | 1008.5 | +4 | SW | 2 | bc | 47 | 97 | 7 | 7 | - | 6 | Tr | 4-6 | 2500 | 1 | * | 52 | 41 | 34 | 1 | 9 | 0.1 | | | | | | | | | | | | | |
| 5 | Hartland Point | 299 | 1006.1 | 0 | W | 5 | bc | 53 | 85 | 8 | 5 | 4 | - | 2-3 | 4-6 | 1006.3 | +4 | SW | 4 | pr | 50 | 83 | 8 | 3 | 4 | - | 4-6 | 7-8 | 2500 | 1 | 3 | 56 | 50 | 48 | 0.5 | 3 | 2.4 | | | | | | | | | | | | |
| | Bristol | 209 | 1008.8 | +8 | W | 4 | bc | 54 | 85 | 8 | 5 | - | 2-3 | 2-3 | 1009.4 | +10 | SSW | 3 | bc | 46 | 85 | 8 | 7 | 7 | 7 | 6 | 4-6 | 2500 | 1 | * | 56 | 46 | 40 | Tr | 10 | 0.4 | | | | | | | | | | | | | |
| | Portland Bill | 32 | 1008.6 | -2 | WSW | 4 | bc | 55 | 85 | 8 | 5 | - | 2-3 | 2-3 | 1009.4 | +6 | WSW | 5 | c | 55 | 92 | 8 | 5 | 7 | - | 7-8 | 10 | 2500 | 1 | 4 | 59 | 53 | * | - | 3 | * | | | | | | | | | | | | | |
| | Plymouth | 82 | 1008.6 | -2 | WSW | 4 | bc | 55 | 85 | 8 | 5 | - | 2-3 | 2-3 | 1008.1 | -6 | WSW | 6 | bc | 57 | 85 | 7 | 8 | 3 | - | 4-6 | 4-6 | 2500 | 1 | 3 | 58 | 54 | 50 | 0.1 | 4 | 2.6 | | | | | | | | | | | | | |
| | The Lizard | 240 | 1009.0 | +20 | WSW | 5 | bc | 53 | 85 | 8 | 8 | - | 1 | 2-3 | 2-3 | 1009.0 | 0 | WSW | 5 | bc | 55 | 92 | 8 | 6 | - | 4-6 | 4-6 | 2500 | 0 | 3 | 55 | 50 | * | Tr | 1 | 4.2 | | | | | | | | | | | | | |
| | Scilly (St. Mary's) | 163 | 1007.7 | -4 | WSW | 6 | b | 53 | 85 | 8 | - | - | 0 | 0 | 1007.3 | +2 | SW | 3 | bc | 52 | 92 | 8 | 8 | 6 | - | 2-3 | 4-6 | 1500 | 1 | 3 | 58 | 49 | * | 2 | 0.2 | 5.8 | | | | | | | | | | | | | |
| 6 | Guernsey | 175 | 1005.3 | -2 | WSW | 6 | bc | 54 | 75 | 8 | 4 | - | 2-3 | 2-3 | 1004.6 | 0 | SW | 5 | cq | 56 | 75 | 7 | 5 | - | - | 5+ | 5+ | 2500 | 1 | 3 | 56 | 52 | * | Tr | - | 2.2 | | | | | | | | | | | | | |
| | Pembroke | 142 | 1003.4 | +4 | SW | 4 | b/pr | 51 | 85 | 8 | 2 | - | 1 | 1 | 1003.2 | -2 | SW | 5 | c | 54 | 75 | 8 | 8 | 4 | - | 7-8 | 9 | 2500 | 1 | 2 | 53 | 45 | 44 | 1 | Tr | 1.2 | | | | | | | | | | | | | |
| 7 | Holyhead | 26 | 1004.9 | +6 | SE | 2 | z. | 43 | 92 | 6 | - | 3 | - | 0 | Tr | 1006.6 | +12 | SE | 3 | z. | 40 | 97 | 6 | 5 | 3 | 2 | 1 | 2500 | 1 | * | 51 | 39 | 35 | 0.2 | 9 | 0.0 | | | | | | | | | | | | | |
| | Chester (Sealand) | 16 | 1004.9 | +6 | SE | 2 | z. | 43 | 92 | 6 | - | 3 | - | 0 | Tr | 1007.0 | +10 | SEE | 1 | z. | 39 | 97 | 8 | - | 3 | - | 0 | 2-3 | - | 1 | 51 | 36 | 29 | 0.4 | 8 | 0.0 | | | | | | | | | | | | | |
| 8 | Manchester | 70 | * | * | * | * | * | * | * | * | * | * | * | * | 1008.3 | +16 | SW | 2 | bc | 45 | 97 | 6 | - | 4 | 8 | 0 | 2-3 | - | 1 | 2 | 54 | 44 | * | 15 | 17 | 0.0 | | | | | | | | | | | | | |
| | Spurn Head | 29 | 1005.3 | +20 | SSW | 2 | c | 50 | 97 | 6 | 5 | - | 9+ | 9+ | 1006.8 | +20 | S | 1 | bcf | 41 | 97 | 3 | 5 | - | - | 4-6 | 4-6 | 450 | 1 | * | 40 | 33 | 10 | 8 | 0.0 | | | | | | | | | | | | | | |
| 10 | Catterick | 175 | 1005.3 | -8 | SE | 6 | ir | 50 | 97 | 6 | 6 | - | 10 | 10 | 1006.7 | +36 | 3 | 2 | bc | 47 | 97 | 5 | 2 | 4 | - | 4-6 | 4-6 | 2500 | 1 | 3 | 52 | 47 | 43 | 13 | 7 | 13 | | | | | | | | | | | | | |
| | Tynemouth | 108 | 1005.3 | -8 | SE | 6 | ir | 50 | 97 | 6 | 6 | - | 10 | 10 | 1006.7 | +36 | 3 | 2 | bc | 47 | 97 | 5 | 2 | 4 | - | 4-6 | 4-6 | 2500 | 1 | 3 | 52 | 47 | 43 | 13 | 7 | 13 | | | | | | | | | | | | | |
| 11 | St. Abbs Head | 280 | 1005.0 | -2 | SE | 8 | rr | 48 | 92 | 7 | 9 | - | 10 | 10 | 1002.2 | -28 | SE | 9 | rr | 49 | 97 | 6 | 6 | 2 | - | 7-8 | 10 | 800 | 1 | 6 | 51 | 46 | * | 24 | 2 | * | | | | | | | | | | | | | |
| | Leuchars | 36 | 1006.2 | -10 | SE | 8 | r/r | 50 | 85 | 5 | 6 | - | 10 | 10 | 1005.3 | -6 | SE | 9 | rr | 47 | 97 | 6 | 6 | - | - | 10 | 10 | 800 | 1 | * | 62 | 47 | 45 | 23 | 7 | 0.0 | | | | | | | | | | | | | |
| 12 | Reufrew (Abbots I.) | 19 | 1003.6 | 0 | ESE | 3 | rr | 45 | 97 | 5 | 5 | - | 10 | 10 | 1004.2 | +4 | E'S | 2 | bf | 41 | 97 | 3 | 5 | 5 | - | 1 | 1 | 2500 | 1 | * | 40 | 33 | 11 | 20 | 0.0 | | | | | | | | | | | | | | |
| | Eskdalemuir | 794 | 1002.6 | +14 | SW | 3 | b | 44 | 82 | 8 | 4 | - | Tr | Tr | 1004.7 | +6 | 0 | 0 | fg | 43 | 97 | 4 | 5 | - | - | 7-8 | 7-8 | 1150 | 1 | * | 49 | 42 | 37 | 7 | 17 | 0.0 | | | | | | | | | | | | | |
| 13A | Point of Ayre | 30 | 1002.6 | +14 | SW | 3 | b | 44 | 82 | 8 | 4 | - | Tr | Tr | 1003.3 | 0 | SSW | 3 | c | 50 | 92 | 8 | 8 | 4 | 5 | 2-3 | 9 | 2500 | 1 | 2 | 52 | 40 | * | 1 | 10 | 0.0 | | | | | | | | | | | | | |
| | Tiree | 22 | 1004.3 | -4 | ESE | 8 | RR | 50 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 999.4 | 0 | ESE | 5 | bc | 50 | 85 | 8 | 2 | 6 | - | 2-3 | 2-3 | 2500 | 0 | 4 | 52 | 49 | 44 | 3 | 6 | 0.0 | | | | | | | | | | | | |
| 13B | Stornoway | 80 | 1004.3 | -4 | ESE | 8 | RR | 50 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 1003.9 | -6 | ESE | 7 | c | 51 | 75 | 8 | 5 | 7 | - | 4-6 | 7-8 | 4000 | 1 | 4 | 53 | 49 | * | 19 | 5 | 0.0 | | | | | | | | | | | | |
| | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | 1005.6 | -2 | SE | 9 | RR | 43 | 85 | 6 | 6 | 2 | - | 4-6 | 10 | 2500 | 1 | * | 42 | 40 | 35 | 5 | 0.0 | | | | | | | | | | | | | | |
| 15 | Aberdeen | 79 | 1009.9 | -4 | SE | 9 | PR | 51 | 92 | 6 | 9 | 6 | - | 7-8 | 9 | 1009.3 | +6 | SEE | 6 | r/r | 48 | 75 | 6 | 6 | - | 10 | 10 | 800 | 1 | 4 | 51 | 48 | 44 | 2 | 0.2 | 0.1 | | | | | | | | | | | | | |
| | Wick | 81 | 1009.9 | -4 | SE | 9 | PR | 51 | 92 | 6 | 9 | 6 | - | 7-8 | 9 | 1010.6 | +10 | SE | 9 | PR | 50 | 92 | 6 | 9 | 6 | - | 7-8 | 10 | 800 | 1 | 5 | 57 | 50 | 48 | 1 | Tr | * | | | | | | | | | | | | |
| 16 | Lerwick | 156 | 1017.3 | -10 | SE | 8 | pr | 50 | 85 | 7 | 8 | 7 | - | 4-6 | 9 | 1017.3 | +2 | SE | 8 | pr | 49 | 85 | 7 | 8 | 7 | - | 4-6 | 9 | 800 | 1 | * | 51 | 46 | * | 2 | 1 | 2.7 | | | | | | | | | | | | |
| | Blacksod Point | 18 | 992.5 | -20 | 8 | 7 | RR | 52 | 92 | 6 | 6 | - | 10 | 10 | 990.2 | -12 | 8 | 7 | PR | 56 | 85 | 7 | 6 | - | - | 10 | 10 | 1150 | 1 | 4 | 57 | 47 | * | 16 | 3 | * | | | | | | | | | | | | | |
| 17 | Malin Head | 84 | 998.9 | +2 | 3 | 4 | bc | 44 | 75 | 7 | 5 | - | 2-3 | 2-3 | 996.8 | -12 | SE | 3 | r/r | 47 | 85 | 7 | 8 | - | - | 7-8 | | | | | | | | | | | | | | | | | | | | | | | |

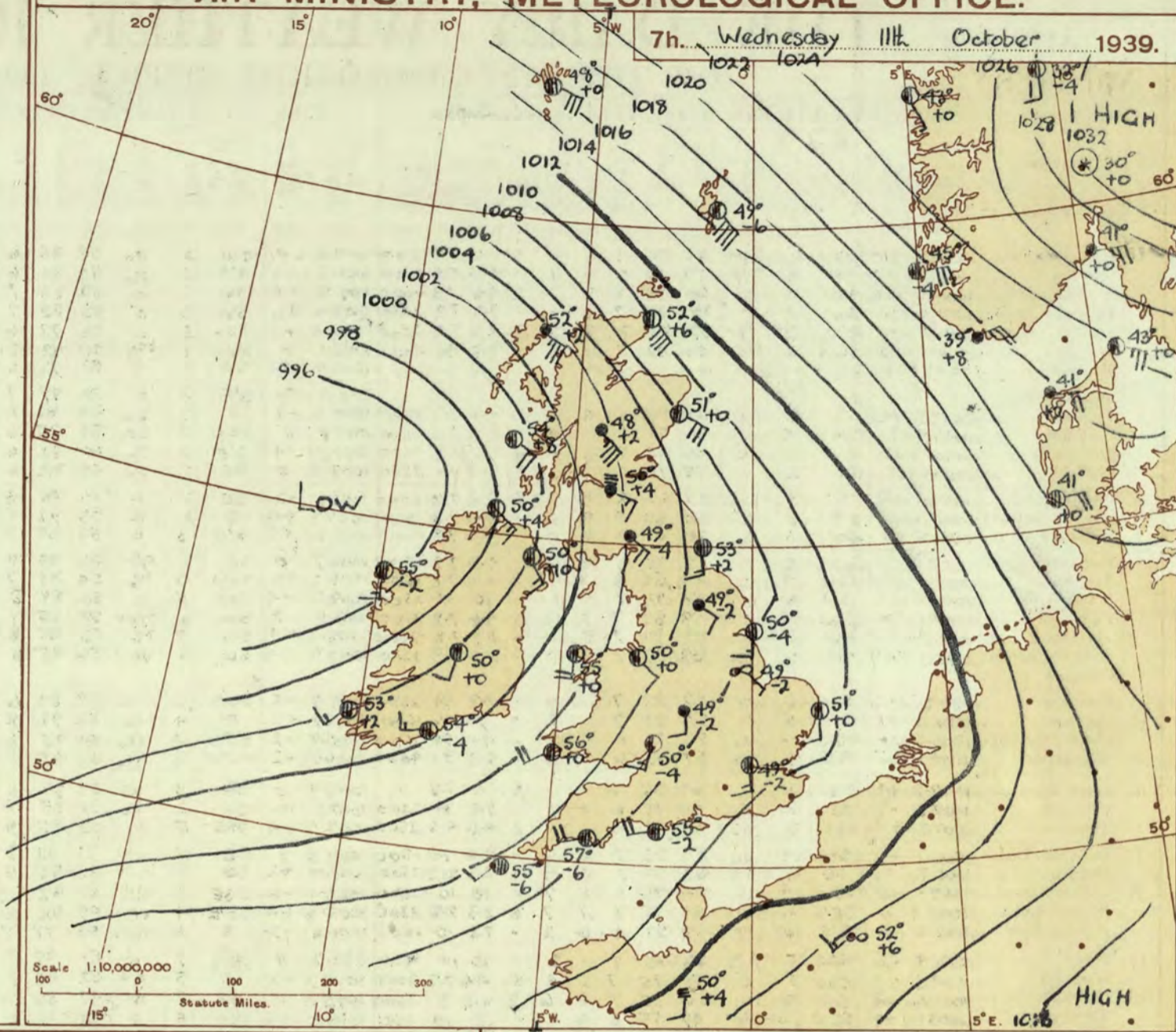
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

| COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER. | COLUMNS 9, 23.—FORM OF LOW CLOUD. | COLUMNS 10, 24.—FORM OF MEDIUM CLOUD. | COLUMNS 11, 25.—FORM OF CIRRUS CLOUD. |
|--|---|--|---|
| <p>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, 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.</p> | <p>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.</p> | <p>0 No low clouds. 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.</p> | <p>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 cirrus. (Cc may occur with any of the types 1 to 8).</p> |
| <p>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.</p> | <p>COLUMNS 12, 13, 26, 27. Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud. An entry "4-6" means that the cloud amount may be 4, 5 or 6: similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings. ☉ Sea disturbance reported from Dungeness.</p> | <p>Cloud form abbreviations:— Cirrus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Altostratus,—As: Stratocumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb.</p> | |
| | | <p>COLUMN 29—STATE OF GROUND. 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.</p> | <p>7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen. 8 .. " covered with snow, less than 6 ins., but ground frozen. 9 .. " covered with snow greater than 6 ins. deep. - .. Fresh snow has fallen in the mountains.</p> |

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 11th October 1939



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 11th Oct. |
|--|---|
| 1 S.E. England | Wind southwest light, backing south, increasing fresh, perhaps strong later; bright periods and showers today, rainy tomorrow; mild. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Wind backing south to southeast, increasing, strong to gale on coast tonight; showers early, becoming dull and rainy late today; local coast fog later; mild. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | Wind southeast, moderate, becoming more variable tomorrow; bright periods and showers today; a prolonged period of rain tomorrow; mild. |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A. W. Scotland. B. N. W. Scotland. | Wind southeast to south, strong to gale at times, easing temporarily; cloudy; occasional rain; rather mild. |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | As 8 - 11. |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | As 5 - 7. |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A stationary depression just off northwest Ireland will become less deep and a new disturbance move in over the country from the west-southwest.

Weather will be generally mild and unsettled. Showers will occur in many districts at first, followed by general rain spreading from southwest. The southeast gale will continue in North Scotland and a southerly gale is expected to develop round the southwest coasts.

FURTHER OUTLOOK.

Very unsettled and mild.

N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

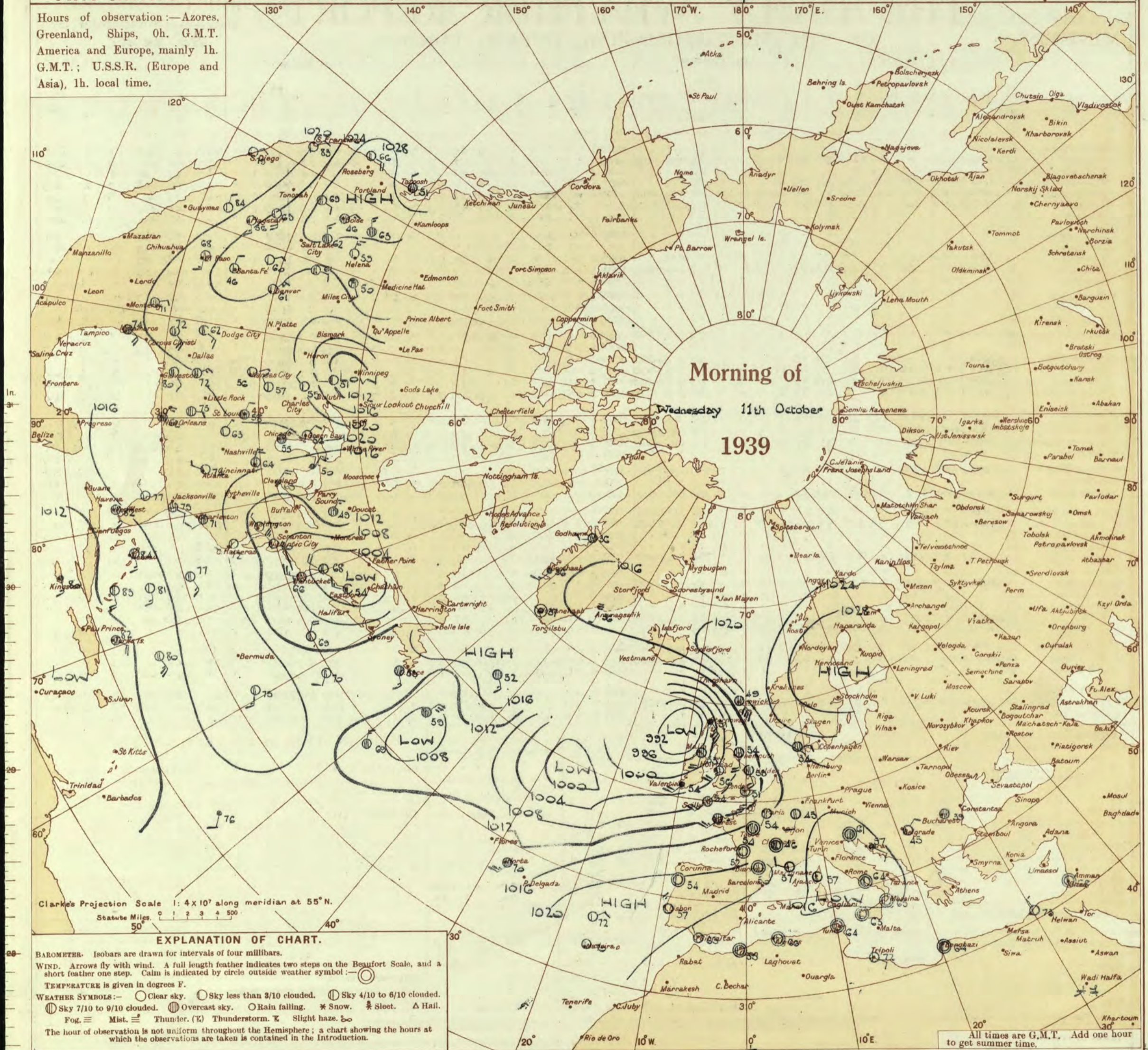
Forecasts issued at 1030 G.M.T.

H. M. S. O. Press, Cornwall House S. E. 1

6 471/3768 No. 8109. D 4626 6p. 948. 9/33

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

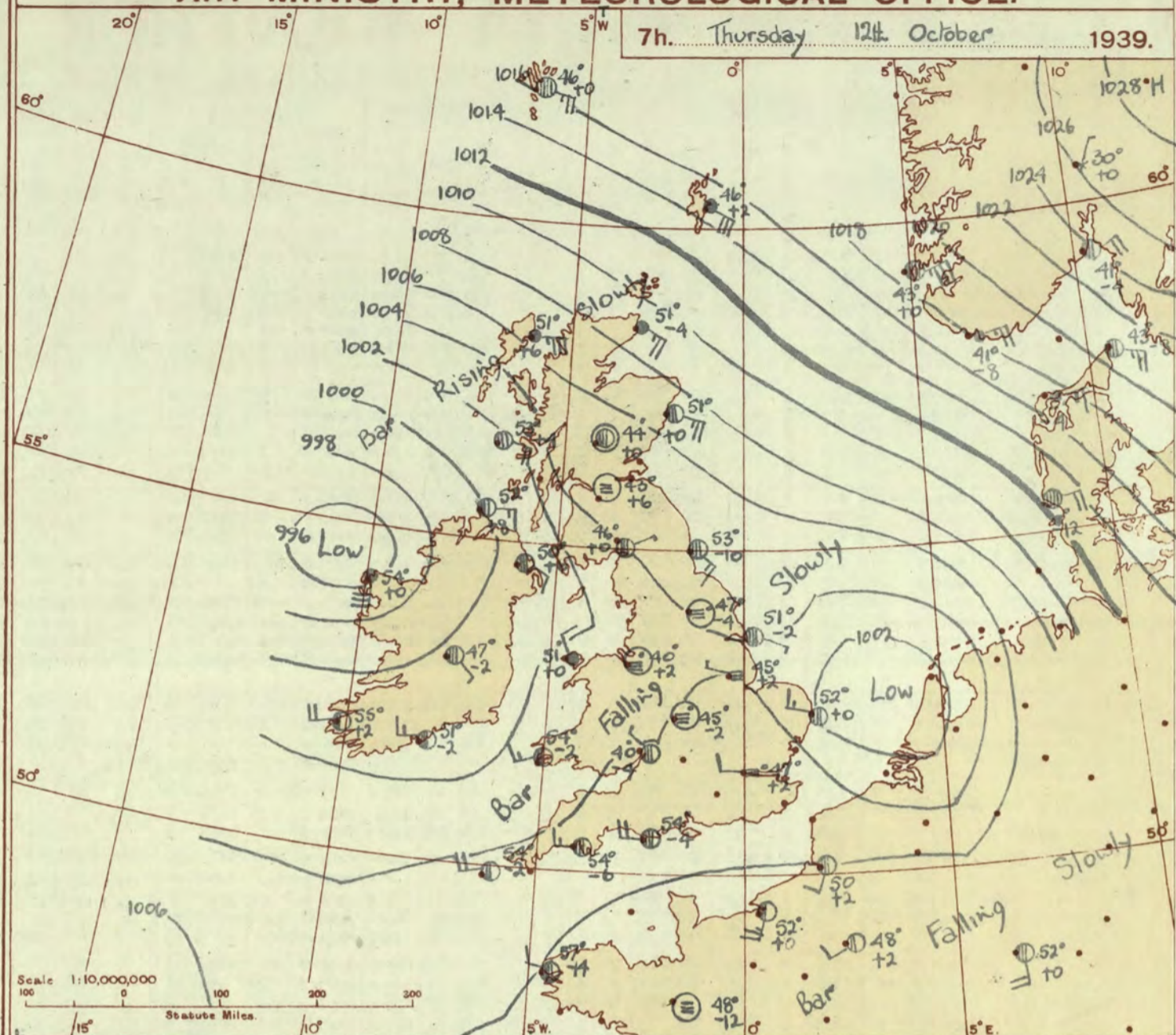
OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Thursday 12th October, 1939
 No. 28,443

| OBSERVATIONS at 13h. G.M.T. 11th October. | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 11th October. | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | |
|---|--------------------------------------|--------------------------------------|------------------------------|-------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|------|--|--------------------------------------|---|---------------------------------------|-------------------------------|-------|------|------------------------|----------------------|---------------------|----------------------------|--------|-------|------|--|--------------------------------------|------------------------------------|----------|--------------------------|---------------------------|------------------------|-------------------------|-----------|----------|--|--|--|--|--|--|--|--|
| District. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | | State of ground. 0-9 (30) | WEATHER. | | | | | | | | | | | | | | |
| | | | | Dir. | Force. 0-12 (4) | | | | | Form. | | Amount. Low 0-10 Total 0-10 (12) (13) | Height of Base. (feet) (14) | | | | | Dir. | Force. 0-12 (18) | | | | | Form. | | Amount. Low 0-10 Total 0-10 (25) (26) | Height of Base. (feet) (28) | | | 7h.—13h. 11h. (37) | 13h.—18h. 11h. (38) | 18h.—to 1h. (39) | 1h.—7h. 12h. (40) | | | | | | | | | | |
| | | | | | | | | | | Low. | Med. | High. | | | | | | | | | | | | Low. | Med. | High. | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1008.4 | -10 | SW | 2 | c/pr | 56 | 85 | 7 | 9 | 7 | - | 7-8 | 9 | 2500 | 1005.9 | -12 | ESE | 1 | 20 | 54 | 92 | 5 | 8 | 2 | - | 9 | 94 | 2500 | 1 | * | bcm, pre | bcp, pre | cir, rc | cir, rc | | | | | | | | |
| | Croydon ... | 1009.3 | -6 | SW | 2 | c/pr | 55 | 85 | 7 | 8 | - | - | 4-6 | 9 | 2500 | 1006.3 | -22 | SE'S | 2 | c/pr | 54 | 92 | 6 | 9 | 4 | 3 | 7-8 | 94 | 4000 | 1 | * | bcm, cpr | cpr, pre | cir, rc | cir, rc | | | | | | | | |
| | S. Farnborough | 1007.7 | -14 | S | 3 | bc | 61 | 65 | 8 | 3 | 3 | 3 | 2-3 | 4-6 | 2500 | 1004.7 | -14 | E'N | 1 | 20 | 57 | 55 | 6 | 4 | 7 | - | 7-8 | 94 | 2500 | 1 | * | bcp, cpr | cpr, pre | cir, rc | cir, rc | | | | | | | | |
| | Boscombe Down | 1007.1 | -10 | SW | 4 | pr | 56 | 85 | 7 | 8 | - | - | 7-8 | 7-8 | 4000 | 1004.2 | -10 | E | 1 | 20 | 54 | 92 | 7 | 4 | 3 | - | 7-8 | 9 | 2500 | 1 | * | bcp | cpr, pre | cir, rc | cir, rc | | | | | | | | |
| | Calshot (Soton.) | 1007.9 | -14 | SSW | 4 | pr | 60 | 85 | 7 | 9 | 9 | - | 9 | 94 | 1500 | 1004.0 | -22 | - | 0 | RR | 52 | 97 | 6 | - | 2 | - | 10 | 10 | 450 | 1 | 2 | pr, cpr | cpr, pre | cir, rc | cir, rc | | | | | | | | |
| | Lympne ... | 1010.6 | -6 | SSW | 3 | c | 59 | 75 | 8 | 3 | 6 | 3 | 4-6 | 7-8 | 4000 | 1008.0 | -18 | SW | 3 | RR | 54 | 92 | 7 | 6 | 2 | - | 7-8 | 94 | 1500 | 1 | 4 | bcp, cpr | cpr, pre | cir, rc | cir, rc | | | | | | | | |
| | Manston ... | 1009.6 | -10 | SW | 3 | c/pr | 58 | 75 | 8 | 3 | 3 | 3 | 1 | 9 | 1500 | 1007.4 | -14 | SE | 2 | 20 | 55 | 85 | 6 | 9 | 7 | - | 2-3 | 94 | 1500 | 1 | 3 | bcp, cpr | cpr, pre | cir, rc | cir, rc | | | | | | | | |
| 2 | Shoeburyness ... | 1009.1 | -12 | SW | 3 | bc | 61 | 85 | 8 | 2 | 9 | - | 2-3 | 4-6 | 2500 | 1007.5 | -14 | SW'W | 2 | 10 | 55 | 97 | 6 | 4 | 3 | - | 7-8 | 94 | 1500 | 1 | * | cm, pbc | bcp, pre | FF, l, or | rr, m, o | | | | | | | | |
| | Felixstowe ... | 1008.6 | -6 | S | 3 | c | 61 | 75 | 7 | 3 | 5 | 4 | 4-6 | 7-8 | 2500 | 1006.9 | -6 | S | 3 | bc/pr | 54 | 85 | 7 | 5 | 3 | - | 2-3 | 4-6 | 4000 | 1 | 2 | cbcc | cpr, pre | bcm, m, r | rr, m, o | | | | | | | | |
| | Gorleston ... | 1008.7 | -6 | S | 2 | c | 60 | 65 | 7 | 3 | - | - | 7-8 | 7-8 | 2500 | 1007.5 | -6 | SSE | 2 | c | 56 | 75 | 6 | 5 | - | - | 9 | 9 | 2500 | 0 | 2 | bcc | cpr, pre | bcm, m, r | rr, m, o | | | | | | | | |
| | Mildenhall ... | 1007.6 | -10 | SW | 2 | bc | 63 | 75 | 7 | 2 | - | - | 4-6 | 4-6 | 4000 | 1006.4 | -2 | SE'S | 2 | bc | 52 | 85 | 7 | 2 | 6 | - | Tr | 44 | 4000 | 1 | * | b, cm | bcc, pre | bcc, m, r | rr, m, o | | | | | | | | |
| | Cranwell ... | 1007.2 | -6 | SSE | 3 | c | 54 | 85 | 7 | 5 | - | - | 7-8 | 7-8 | 1500 | 1005.9 | -2 | E | 2 | pr | 52 | 92 | 5 | 9 | 6 | - | 7-8 | 9 | 1500 | 1 | * | rr, cm, bcc | bcc, pre | rr, m, o | rr, m, o | | | | | | | | |
| 3 | Birmingham | 1006.3 | -10 | SSE | 2 | c | 57 | 65 | 8 | 8 | - | - | 7-8 | 7-8 | 2500 | 1005.1 | -2 | SE | 2 | c | 54 | 75 | 5 | 7 | - | - | 4-6 | 7-8 | 2500 | 1 | * | rbcc | cpr, pre | bcm, m, r | rr, m, o | | | | | | | | |
| | Upper Heyford | 1007.9 | -12 | S | 3 | c | 58 | 75 | 8 | 8 | 6 | - | 7-8 | 7-8 | 1500 | 1006.1 | -4 | SSE | 2 | c | 52 | 85 | 7 | 5 | 3 | - | 7-8 | 9 | 1500 | 1 | * | rbcc, bcc | bcc, pre | bcm, m, r | rr, m, o | | | | | | | | |
| 4 | Ross-on-Wye ... | 1005.7 | -14 | SW | 3 | bc | 61 | 65 | 8 | 2 | 5 | - | 1 | 4-6 | 4000 | 1015.1 | 0 | S | 2 | c | 51 | 92 | 8 | 8 | - | - | 9 | 9 | 1500 | 1 | * | bcc, bc | bcc, pre | bcm, m, r | rr, m, o | | | | | | | | |
| 5 | Hartland Point | 1005.1 | -12 | SW | 4 | c | 56 | 92 | 8 | 8 | 6 | - | 4-6 | 7-8 | 2500 | 1004.9 | +2 | NW | 2 | bc | 54 | 85 | 5 | 2 | 4 | - | 2-3 | 2-3 | 2500 | 0 | 3 | cp | cpr, pre | bcm, m, r | rr, m, o | | | | | | | | |
| | Bristol ... | 1006.2 | -14 | S | 3 | pr | 60 | 65 | 8 | 2 | 3 | - | 7-8 | 7-8 | 2500 | 1004.8 | -4 | - | 0 | c/pr | 52 | 92 | 5 | 9 | 7 | - | 7-8 | 94 | 1500 | 1 | * | bcc | cpr, pre | bcm, m, r | rr, m, o | | | | | | | | |
| | Portland Bill ... | 1007.3 | -12 | SSW | 3 | c | 58 | 85 | 8 | 2 | 4 | - | 7-8 | 7-8 | 4000 | 1003.6 | -16 | ESE | 2 | RR | 55 | 92 | 7 | 5 | - | - | 10 | 10 | 800 | 1 | 3 | c | cpr, pre | bcm, m, r | rr, m, o | | | | | | | | |
| | Plymouth ... | 1008.6 | -16 | SSW | 4 | c | 57 | 85 | 8 | 8 | 7 | - | 9 | 10 | 1500 | 1005.5 | +6 | WNW | 2 | 20 | 55 | 92 | 8 | 2 | - | - | 2-3 | 2-3 | 1500 | 0 | 3 | c | cpr, pre | bcm, m, r | rr, m, o | | | | | | | | |
| | The Lizard ... | 1005.6 | -12 | W'S | 3 | c/r | 56 | 97 | 8 | 8 | 6 | - | 7-8 | 94 | 1500 | 1005.9 | +4 | W | 3 | c | 55 | 92 | 8 | 8 | 6 | - | 4-6 | 7-8 | 2500 | 1 | 2 | cpr, rc | cpr, pre | bcm, m, r | rr, m, o | | | | | | | | |
| | Scilly (St. Mary's) | 1006.0 | -2 | WSW | 2 | c/pr | 55 | 85 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1500 | 1005.9 | +4 | WSW | 4 | bc | 55 | 92 | 8 | 8 | 6 | - | 2-3 | 4-6 | 1500 | 1 | 2 | cpr, rc | cpr, pre | bcm, m, r | rr, m, o | | | | | | | | |
| | Guernsey ... | 1006.0 | -2 | WSW | 2 | c/pr | 55 | 85 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1500 | 1005.9 | +4 | WSW | 4 | bc | 55 | 92 | 8 | 8 | 6 | - | 2-3 | 4-6 | 1500 | 1 | 2 | cpr, rc | cpr, pre | bcm, m, r | rr, m, o | | | | | | | | |
| 6 | Pembroke ... | 1004.5 | -4 | WSW | 4 | bc | 58 | 75 | 8 | 8 | 2 | - | 4-6 | 4-6 | 2500 | 1004.0 | -6 | WS | 4 | bc | 55 | 85 | 8 | 2 | 4 | - | 2-3 | 2-3 | 2500 | 1 | 3 | pr, bc | bc | bc | cpr, bc | | | | | | | | |
| 7 | Holyhead ... | 1003.4 | 0 | SSE | 4 | c/pr | 56 | 85 | 8 | 8 | - | - | 9 | 9 | 1500 | 1003.0 | +2 | S'E | 3 | bc | 55 | 85 | 8 | 3 | - | - | 4-6 | 4-6 | 2500 | 1 | 2 | bcp, pr | pr, bc | bc | cpr, bc | | | | | | | | |
| | Chester (Sealand) | 1004.9 | -8 | SSE | 3 | bc | 61 | 65 | 7 | 8 | 6 | - | 4-6 | 4-6 | 4000 | 1004.6 | -2 | - | 0 | bc/pr | 50 | 92 | 8 | 8 | 3 | - | 4-6 | 4-6 | 1500 | 1 | * | bcm, o | bcp, pre | bcm, m, r | rr, m, o | | | | | | | | |
| 8 | Manchester ... | 1004.7 | -2 | SE | 1 | bc | 53 | 85 | 8 | 8 | 7 | - | 7-8 | 7-8 | 1500 | 1004.7 | -2 | SE | 1 | bc | 53 | 85 | 8 | 3 | - | - | 2-3 | 4-6 | 2500 | 1 | * | bcc | bcp, pre | bcm, m, r | rr, m, o | | | | | | | | |
| 10 | Spurn Head ... | 1007.3 | -4 | S'E | 2 | c | 53 | 97 | 5 | 5 | - | - | 10 | 10 | 1500 | 1006.3 | -4 | ESE | 2 | bc | 52 | 97 | 5 | - | 4 | - | 0 | 4-6 | - | 0 | 1 | om | om | bcw | cpr, pr | | | | | | | | |
| | Catterick ... | 1006.5 | -4 | SE | 2 | 20 | 52 | 97 | 4 | 5 | - | - | 10 | 10 | 800 | 1005.7 | +2 | SW'S | 2 | 10 | 49 | 92 | 5 | 6 | 2 | - | 7-8 | 10 | 800 | 1 | * | id, m, r | rr, m, o | rr, m, o | rr, m, o | | | | | | | | |
| | Tynemouth ... | 1007.0 | -2 | SSE | 3 | c | 54 | 92 | 6 | 8 | - | - | 7-8 | 7-8 | 2500 | 1006.4 | +0 | SSE | 3 | 52 | 92 | 6 | 8 | - | - | - | 94 | 94 | 1500 | 1 | 3 | om | om | bcw | cpr, pr | | | | | | | | |
| 11 | St. Abbs Head | 1005.8 | +4 | SE | 8 | 10 | 51 | 97 | 7 | 3 | 2 | - | 7-8 | 10 | 800 | 1006.4 | +6 | SE | 5 | c/r | 52 | 97 | 7 | 9 | 2 | - | 9 | 10 | 800 | 1 | 5 | rr, c | rr, c | bcw | cpr, pr | | | | | | | | |
| | Leuchars ... | 1004.6 | +4 | ESE | 3 | c/pr | 56 | 85 | 6 | 8 | - | - | 94 | 94 | 1500 | 1004.6 | +2 | E'N | 2 | 20 | 50 | 92 | 5 | 5 | 3 | - | 4-6 | 9 | 2500 | 1 | * | crr, pr | cm, pr | cm, pr | cm, pr | | | | | | | | |
| 12 | Renfrew (Abbots L.) | 1004.6 | +4 | ESE | 3 | c/pr | 56 | 85 | 6 | 8 | - | - | 94 | 94 | 1500 | 1004.6 | +2 | E'N | 2 | 20 | 50 | 92 | 5 | 5 | 3 | - | 4-6 | 9 | 2500 | 1 | * | crr, pr | cm, pr | cm, pr | cm, pr | | | | | | | | |
| | Eskdalemuir ... | 1004.5 | -2 | SE'S | 3 | 10 | 54 | 85 | 7 | 9 | - | - | 94 | 94 | 800 | 1004.9 | +2 | NE'N | 2 | c | 48 | 85 | 7 | 5 | - | - | 4-6 | 94 | 1500 | 1 | * | crr, pr | cm, pr | cm, pr | cm, pr | | | | | | | | |
| | Point of Ayre ... | 1003.5 | 0 | SW | 4 | c/r | 54 | 92 | 8 | 7 | - | - | 7-8 | 94 | 1500 | 1003.4 | 0 | SW'S | 3 | c | 48 | 92 | 8 | 7 | 6 | - | 4-6 | 94 | 1500 | 1 | 2 | crr, pr | cm, pr | cm, pr | cm, pr | | | | | | | | |
| 13A | Tiree ... | 1000.4 | +2 | ESE | 4 | bc | 55 | 85 | 7 | 8 | 6 | - | 4-6 | 4-6 | 1500 | 1000.9 | +2 | ESE | 4 | c | 54 | 85 | 7 | 8 | - | - | 7-8 | 7-8 | 1500 | 0 | 3 | c | cir | c | cir | | | | | | | | |
| 13B | Stornoway ... | 1004.5 | +4 | ESE | 6 | pr | 53 | 65 | 8 | 5 | 7 | - | 4-6 | 94 | 4000 | 1004.9 | +2 | E | 7 | c | 53 | 75 | 7 | 8 | 7 | - | 7-8 | 94 | 2500 | 1 | 4 | cpr, pr | cpr | cir | cir, rr | | | | | | | | |
| 15 | Dalwhinnie ... | 1005.6 | +6 | SE | 6 | RR | 48 | 92 | 6 | 6 | 2 | - | 7-8 | 10 | 2500 | 1006.0 | +4 | SE | 4 | ir | 49 | 92 | 6 | 6 | - | - | 10 | 10 | 1500 | 1 | * | crr | crr | cir | cir | | | | | | | | |
| | Aberdeen ... | 1009.1 | -6 | ESE | 5 | c/r | 52 | 75 | 6 | 6 | 2 | - | 94 | 10 | 1500 | 1009.2 | +4 | ESE | 5 | 10 | 51 | 85 | 6 | 6 | 2 | - | 94 | 10 | 800 | 1 | 4 | cir, 20 | cir, 20 | cir, 20 | cir, 20 | | | | | | | | |
| | Wick ... | 1010.3 | 0 | SE | 7 | c/r | 52 | 85 | 7 | 8 | 7 | - | 4-6 | 94 | 1500 | 1010.1 | +2 | ESE | 6 | c/pr | 51 | 92 | 7 | 8 | 2 | - | 4-6 | 10 | 800 | 1 | 4 | cpr, 20 | cpr, 20 | cpr, 20 | cpr, 20 | | | | | | | | |
| 16 | Lerwick ... | 1017.4 | +2 | SE | 7 | c | 48 | 75 | 8 | 8 | 7 | - | 7-8 | 9 | 800 | 1016.8 | 0 | SE | 7 | c/pr | 47 | 85 | 7 | 8 | 7 | - | 7-8 | 10 | 800 | 1 | * | cpr, 20 | cpr, 20 | cpr, 20 | cpr, 20 | | | | | | | | |
| 17 | Blacksod Point... | 995.6 | -2 | S | 4 | pr | 55 | 97 | 7 | 6 | - | - | 10 | 10 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 12th October 1939.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th October, 1939.

| | |
|-------------------------------------|--|
| 1 S.E. England | Wind variable to westerly, light; fair early; then a further period of rain, clearing by morning with local fog; rather mild. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Wind between west and south, light to moderate; bright periods; showers in most places, heavy locally; morning fog in places; average temperature. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | Wind southeast, moderate; cloudy; occasional rain; rather mild. |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | As 2 - 9. |
| 13 { A.W.Scotld. B.N.W.Scotland. | Wind southeast, strong locally at times on the coast; cloudy; occasional rain; average temperature. |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | As 2 - 9. |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A deep depression is stationary over N.W. Ireland and a secondary over the southern North Sea will move northeast and be followed by further secondaries to the west of Brittany. There will be occasional rain in North and East Scotland and later today a further period of rain in Southeast England. In all other districts there will be bright periods with showers, heavy locally. Conditions will be rather mild.

FURTHER OUTLOOK.

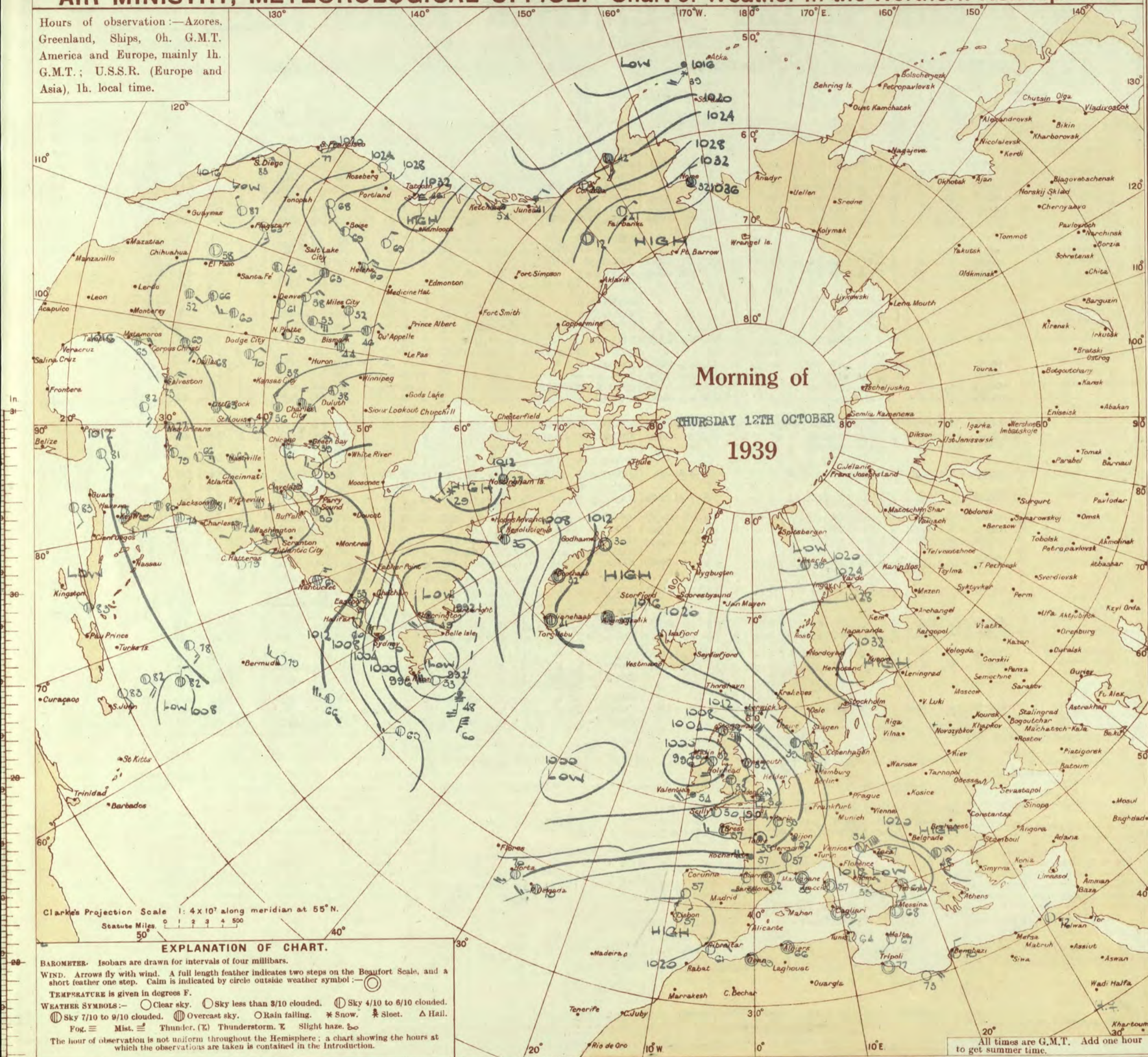
Unsettled generally.

Forecasts issued at 1100 G.M.T.
H.M.S.O. Press, Cornwall House, S.E.1.

N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 12th October, 1939
No. 28,448

| OBSERVATIONS at 1 hr. G.M.T. 12th October..... | | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 12th October..... | | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|---|---------------------|------------------------------|------------------------------|-----------------------|------------|-----------------|---------------|--------------|---------------------|--------------|-----------|---------------------------|-----------------------------|-------------|---|---------------------------------------|------------------|---------------|----------------|--|----------------------|------------|--------------|-----------------------------|---|---|---------------------------|---------------|------------------------|---------------------|-----------------------|-----------|-----------|--------------------|-----------|----------|-----------|-----------|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. M.S.L. mb. (1) | Change in 3 hours (2) | Wind. | | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours (16) | Wind. | | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | | State of Ground. 0-9 (29) | Sea. 0-9 (30) | TEMPERATURE. | | | RAINFALL. | | SUNSHINE Hrs. (36) | | | | | |
| | | | | | Direc. (3) | Force. 0-12 (4) | | | | Weather. (5) | Form. (9) | Amount. (10) | Height of Base. (feet) (11) | Direc. (17) | | | Force. 0-12 (18) | Weather. (19) | | | | Form. (23) | Amount. (24) | Height of Base. (feet) (25) | Max. Day 7h-15h °F. (31) | Min. Night 18h-7h °F. (32) | | | Min. on Grass °F. (33) | Day 7h-15h mm. (34) | Night 18h-7h mm. (35) | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. (12) | Med. (13) | | High (14) | Low (12) | Med. (13) | High (14) | |
| 1 | London (Kew) | 18 | * | * | * | * | * | * | * | * | * | * | 1004.6 | +4 | SW | 2 | F | 49 | 52 | 1 | - | - | 10 | 10 | 1500 | 1 | * | 59 | 48 | 41 | 3 | 5 | 4.1 | | | | | | |
| | Croydon | 217 | 1004.6 | +6 | W | 2 | of | 50 | 37 | 2 | - | - | 10 | 10 | 1150 | 1004.7 | +2 | W | 2 | F | 47 | 57 | 1 | - | - | 10 | 10 | 800 | 1 | * | 61 | 47 | 46 | 3 | 7 | 4.4 | | | |
| | S. Farnborough | 226 | * | * | * | * | * | * | * | * | * | * | 1004.7 | 0 | - | 0 | F | 44 | 57 | 1 | - | - | 10 | 10 | 1500 | 1 | * | 62 | 43 | 39 | 1 | 3 | 3.8 | | | | | | |
| | Boscombe Down | 417 | 1005.7 | +4 | WN | 2 | z | 45 | 97 | 6 | - | - | 0 | 0 | - | 1004.5 | -4 | ESE | 2 | F | 43 | 57 | 3 | - | - | 7.8 | 3 | 1500 | 1 | * | 60 | 41 | 37 | 1 | 1 | 3.2 | | | |
| | Calshot (Stmntn.) | 8 | 1005.3 | +10 | W | 3 | b | 51 | 97 | 7 | 5 | - | 1 | 1 | 2500 | 1004.3 | -2 | - | 0 | 47 | 57 | 3 | - | - | 5 | 3 | 1300 | 1 | 1 | 67 | 43 | 41 | 2 | 3 | 2.2 | | | | |
| | Lympe | 346 | 1003.1 | -16 | NW | 3 | bc | 49 | 37 | 6 | 5 | - | 2-3 | 2-3 | 1500 | 1005.1 | +14 | W | 2 | z | 48 | 52 | 3 | - | - | 4-6 | 4-6 | 450 | 1 | 2 | 53 | 47 | 44 | 5 | 11 | 1.8 | | | |
| | Manston | 154 | 1001.4 | -30 | SE | 4 | ro | 54 | 97 | 5 | 6 | 2 | 4-6 | 10 | 1500 | 1003.6 | +16 | WN | 4 | c | 50 | 32 | 3 | - | - | 10 | 10 | 800 | 1 | * | 61 | 45 | 48 | 2 | 18 | 2. | | | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | 1004.1 | +10 | WN | 2 | 0 | 51 | 57 | 6 | 5 | - | 10 | 10 | 800 | 1 | * | 63 | 48 | 47 | 0-6 | 25 | 5. | | | | | | |
| | Felixstowe | 15 | * | * | * | * | * | * | * | * | * | * | 1002.2 | +14 | NW | 4 | m | 49 | 37 | 4 | 5 | - | 10 | 10 | 1150 | 1 | 3 | 61 | 49 | 47 | 0-6 | 24 | 4.2 | | | | | | |
| | Gorleston | 5 | 1004.3 | * | E | 3 | pr | 53 | 92 | 6 | 6 | - | 8 | 10 | 1500 | 1001.8 | 0 | NW | 3 | c | 52 | 32 | 6 | 5 | - | 3+ | 3+ | 2500 | 1 | 2 | 61 | 51 | 49 | - | 16 | * | | | |
| | Mildenhall | 19 | 1003.8 | -10 | NE | 2 | pr | 50 | 92 | 7 | 5 | - | 7-8 | 7-8 | 4000 | 1003.0 | +2 | - | 0 | 46 | 57 | 1 | - | - | 10 | 10 | 1150 | 1 | * | 63 | 42 | 36 | - | 1 | 6.3 | | | | |
| | Cranwell | 240 | * | * | * | * | * | * | * | * | * | * | 1003.9 | +2 | NW | 1 | F | 45 | 37 | 2 | - | - | 10 | 10 | 1150 | 1 | 0 | 59 | 39 | 35 | 0- | 1 | 3.9 | | | | | | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | 1004.4 | -2 | - | 0 | m | 45 | 57 | 4 | 5 | 3 | - | 23 | 7.8 | 4000 | 1 | * | 59 | 43 | 29 | 0.4 | 0.1 | 5.3 | | | | | |
| | Upper Heyford | 408 | * | * | * | * | * | * | * | * | * | * | 1004.8 | +2 | - | 0 | cf | 39 | 57 | 3 | 5 | 3 | - | 46 | 7.8 | 4000 | 1 | * | 61 | 38 | 29 | 0.3 | 1 | * | | | | | |
| 4 | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | * | 1004.3 | -4 | NW | 1 | pr | 40 | 37 | 4 | 6 | - | 3 | 9 | 9+ | 1500 | 1 | * | 62 | 37 | 35 | 2 | 0.5 | 5.5 | | | | | |
| 5 | Hartland Point | 299 | 1004.2 | -12 | W | 3 | c | 55 | 85 | 8 | 8 | - | 7-8 | 7-8 | 2500 | 1003.0 | -2 | W | 3 | c | 54 | 32 | 8 | 5 | - | 7-8 | 7-8 | 2500 | 1 | 3 | 57 | 31 | 4.3 | 0.4 | 3 | 3-6 | | | |
| | Bristol | 209 | * | * | * | * | * | * | * | * | * | * | 1004.3 | 0 | SW | 2 | z | 44 | 57 | 6 | 5 | 7 | - | 4-6 | 7-8 | 2500 | 1 | * | 62 | 40 | 31 | 3 | - | 4.3 | | | | | |
| | Portland Bill | 32 | 1005.7 | +2 | W | 3 | bc | 54 | 85 | 8 | 4 | - | 4-6 | 4-6 | 4000 | 1004.1 | -4 | W | 4 | z | 54 | 32 | 8 | 5 | - | 10 | 10 | 800 | 1 | 3 | 58 | 53 | 6 | 10 | * | | | | |
| | Plymouth | 82 | 1006.0 | -6 | WS | 1 | pr | 48 | 97 | 6 | 8 | - | 7-8 | 7-8 | 1300 | 1004.3 | -6 | W | 3 | pr | 54 | 35 | 6 | 3 | 4 | 3 | 7-8 | 2500 | 1 | 2 | 60 | 48 | 44 | 1 | - | 1.3 | | | |
| | The Lizard | 240 | 1006.2 | -6 | WN | 5 | bc | 55 | 92 | 8 | 8 | - | 4-6 | 4-6 | 2500 | 1005.2 | -4 | WSW | 3 | bc | 54 | 33 | 8 | 6 | - | 4-6 | 4-6 | 2500 | 1 | 3 | 58 | 52 | * | 1 | - | 2.5 | | | |
| | Scilly (St. Mary's) | 163 | 1005.6 | -6 | SW | 5 | bc | 55 | 92 | 7 | 8 | - | 4-6 | 4-6 | 1500 | 1004.4 | -2 | WS | 3 | bc | 54 | 32 | 8 | 8 | 4 | 2-3 | 4-6 | 1500 | 1 | 3 | 60 | 53 | * | 1 | 0-6 | 3-8 | | | |
| | Guernsey | 175 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | |
| 6 | Pembroke | 142 | 1003.3 | -2 | WSW | 4 | bc | 53 | 85 | 7 | 8 | - | 4-6 | 4-6 | 2500 | 1002.5 | -2 | WSW | 3 | bc | 54 | 35 | 8 | 8 | 4 | - | 2-3 | 4-6 | 2500 | 1 | 3 | 58 | 52 | * | 1 | 0.3 | 6-9 | | |
| 7 | Holyhead | 26 | 1002.3 | -6 | SEE | 3 | pr | 53 | 37 | 7 | 9 | - | 3+ | 3+ | 1500 | 1002.6 | 0 | NW | 2 | ir | 51 | 35 | 8 | 6 | - | 3+ | 3+ | 800 | 1 | 2 | 59 | 30 | 48 | 2 | 16 | 1.5 | | | |
| | Chester (Sealand) | 16 | 1004.4 | 0 | SE | 1 | bc | 42 | 32 | 1 | - | - | 0 | 0 | - | 1003.3 | +2 | - | 0 | m | 40 | 37 | 4 | 8 | 3 | 2-3 | 7-8 | 5700 | 1 | * | 61 | 40 | 36 | 2 | 1 | 3-0 | | | |
| 8 | Manchester | 70 | * | * | * | * | * | * | * | * | * | * | 1003.4 | -2 | NE | 1 | bc | 44 | 37 | 2 | - | 3 | 4 | 0 | 2-3 | - | - | - | 1 | * | 60 | 40 | 35 | 1 | 0.6 | 1.9 | | | |
| 10 | Spurn Head | 29 | 1004.7 | -6 | E3 | 1 | bc | 50 | 37 | 6 | - | 3 | 0 | 4-6 | - | 1004.3 | -2 | SEE | 1 | pr | 51 | 32 | 7 | 5 | 4 | - | 4-6 | 7-8 | 1500 | 1 | 1 | 54 | 50 | * | - | 2 | 0.1 | | |
| | Catterick | 175 | * | * | * | * | * | * | * | * | * | * | 1003.9 | -4 | - | 0 | - | 47 | 37 | 4 | 5 | - | - | 3+ | 3+ | 800 | 1 | * | 54 | 46 | 29 | 3 | 12 | 0.0 | | | | | |
| | Tynemouth | 108 | 1006.0 | -4 | SSE | 2 | c | 52 | 32 | 6 | 2 | - | 7-8 | 7-8 | 2500 | 1004.3 | -10 | SE | 3 | pr | 53 | 37 | 6 | 8 | - | 3+ | 3+ | 2500 | 1 | 2 | 54 | 50 | 43 | 0.3 | 4 | * | | | |
| 11 | St. Abbs Head | 280 | 1005.7 | -10 | SE | 4 | c | 51 | 97 | 7 | 8 | 6 | 4-6 | 7-8 | 1500 | 1004.9 | -4 | SE | 3 | ir | 50 | 32 | 8 | 8 | 2 | - | 4-6 | 10 | 1500 | 1 | 3 | 52 | 48 | * | 5 | 4 | * | | |
| | Leuchars | 36 | 1006.1 | -2 | ESE | 5 | ir | 52 | 92 | 5 | 6 | - | 10 | 10 | 800 | 1005.1 | -2 | ESE | 4 | c | 52 | 32 | 7 | 5 | 7 | - | 9 | 3+ | 800 | 1 | * | 53 | 50 | 46 | 14 | 3 | 0.0 | | |
| 12 | Renfrew (Abbots I.) | 19 | 1004.3 | -4 | E | 2 | z | 49 | 97 | 5 | 5 | - | 4-6 | 4-6 | 4000 | 1004.9 | +6 | E3 | 1 | cf | 43 | 37 | 3 | 5 | - | 9+ | 3+ | 4000 | 1 | * | 56 | 35 | 34 | 4 | - | 0.0 | | | |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | 1004.2 | 0 | ENE | 1 | c | 46 | 37 | 6 | 5 | - | - | 10 | 10 | 4000 | 1 | * | 54 | 43 | 37 | 7 | 1 | 0.0 | | | | | |
| | Point of Ayre | 30 | 1003.4 | 0 | S | 3 | bc | 53 | 32 | 8 | 8 | - | 4-6 | 4-6 | 2500 | 1002.3 | -2 | SSE | 4 | bc | 52 | 32 | 6 | 8 | 4 | 6 | 2-3 | 4-6 | 2500 | 1 | 2 | 57 | 51 | * | 4 | 2 | 0.8 | | |
| 13A | Tiree | 22 | * | * | * | * | * | * | * | * | * | * | 1002.0 | +4 | E3 | 4 | c | 53 | 35 | 7 | 5 | 7 | - | 4-6 | 7-8 | 2500 | 0 | 3 | 56 | 51 | 48 | - | 0.2 | 1.4 | | | | | |
| 13B | Stornoway | 80 | 1005.7 | 0 | E | 6 | pr | 52 | 85 | 7 | 8 | 7 | 7-8 | 9+ | 2500 | 1006.8 | +6 | E | 7 | ir | 51 | 37 | 7 | 5 | 2 | - | 4-6 | 10 | 1500 | 1 | 4 | 54 | 50 | * | 0.3 | 2 | 0.0 | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | 1006.0 | 0 | - | 0 | c | 44 | 32 | 7 | 5 | 4 | 1 | 7-8 | 3+ | 2500 | 1 | * | 45 | 43 | 41 | 13 | 5 | 0.0 | | | | | |
| | Aberdeen | 79 | * | * | * | * | * | * | * | * | * | * | 1007.3 | 0 | ESE | 5 | c | 51 | 32 | 6 | 6 | 2 | - | 3+ | 10 | 800 | 1 | 4 | 52 | 50 | 47 | 2 | 2 | 0.0 | | | | | |
| | Wick | 81 | 1010.4 | +2 | ESE | 7 | c | 51 | 92 | 7 | 5 | 7 | 7-8 | 10 | 800 | 1005.1 | -4 | ESE | 5 | pr | 51 | 37 | 7 | 8 | 2 | - | 7-8 | 10 | 800 | 1 | 3 | 53 | 49 | * | 1 | 0.3 | | | |
| 16 | Lerwick | 156 | 1015.3 | -4 | SEE | 6 | pr | 47 | 85 | 7 | 8 | 2 | 7-8 | 10 | 800 | 1015.3 | +2 | ESE | 6 | pr | 46 | 35 | 7 | 6 | 2 | - | 7-8 | 10 | 800 | 1 | * | 50 | 45 | * | 4 | 2 | 0.0 | | |
| 17 | Blacksod Point | 18 | 995.4 | 0 | S | 2 | bc | 54 | 85 | 8 | 3 | - | 2-3 | 2-3 | 1500 | 995.9 | 0 | S | 3 | ir | 54 | 32 | 7 | 6 | - | 10 | 10 | 220 | 1 | 3 | 59 | 53 | * | 8 | 9 | * | | | |
| 18 | Malin Head | 84 | 999.7 | 0 | S | 4 | c | 52 | 85 | 7 | 8 | - | 7-8 | 7-8 | 4000 | 1000.4 | +8 | E | 3 | c | 52 | 32 | 8 | 8 | 8 | - | 4-6 | 7-8 | 2500 | 0 | 2 | 59 | 49 | * | - | 0.5 | 4.7 | | |
| | Aldergrove | 268 | * | * | * | * | * | * | * | * | * | * | 1001.5 | +6 | ESE | 2 | c | 50 | 37 | 7 | 5 | 2 | - | 9 | 9+ | 4000 | 1 | * | 60 | 49 | 48 | 1 | 35 | 2.3 | | | | | |
| 19 | Birr Castle | 173 | * | * | * | * | * | * | * | * | * | * | 1000.8 | -2 | SE | 1 | c | 47 | 37 | 8 | 5 | - | - | 7-8 | 7-8 | 2500 | 1 | * | 61 | 46 | 37 | 0.4 | 0.1 | 6.2 | | | | | |
| 20 | Valentia Obsy. † | 30 | 1001.3 | -4 | WSW | 4 | PR | 54 | 32 | 6 | 8 | - | 9 | 9 | 1500 | 1001.0 | +2 | WS | 4 | bc | 55 | 35 | 8 | 8 | - | 4-6 | 4-6 | 1500 | 1 | 3 | 60 | 51 | 46 | 2 | 2 | 2.3 | | | |
| | Roches Point | 22 | * | * | * | * | * | * | * | * | * | * | 1001.1 | -2 | V | 3 | c | 51 | 32 | 8 | 5 | - | - | 7-8 | 7-8 | 1500 | 1 | 3 | 58 | 50 | * | 3 | 2 | * | | | | | |
| LONDON OBSERVATIONS. | | | Height above M.S.L. in feet. | Weather | | | Temperature. | | | Rainfall. | | Sunshine, to Sunset, hrs. | Humidity. | | Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. | EXPLANATION OF FIGURES, LETTERS, etc. | | | | | | | | | | | | | | | | | | | | | | | |
| Day 7h-15h, Kew & Croydon. | | | | Morning. | Afternoon. | Night. | Day Max. | Night Min. | Min. on Grass °F. | Day. | Night. | | Yesterday. | To-day. | | 24 hrs. ended 7h. G.M.T. 12h. | | | | COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar. | | | | | | COLUMNS 8, 22 —Code for surface visibility. 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 31m. | | | | | | | | | | | | | |
| 9h-15h, Kensington. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9h-21h, other stations except for rainfall which is 9h-15h. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kew... | 18 | berm.R | berm.R | berm.R | berm.R | 59 | 48 | 41 | 3 | 7 | 4.1 | * | * | 4 | COLUMNS 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground. | | | | | | | | | | | | | | | | | | | | | | | | |
| CROYDON | 217 | berm.R | berm.R | berm.R | berm.R | 61 | 47 | 46 | 5 | 11 | 4.4 | * | * | * | | | | | | | | | | | COLUMNS 30 —Code for State of Sea. 0 Calm. 5 Very rough. 1 Smooth. 6 High. 2 Slight. 7 Very high. 3 Moderate. 8 Precipitous. 4 Rough. 9 Confused. | | | | | | | | | | | | | | |
| GREENWICH (Royal Observatory)... | 149 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

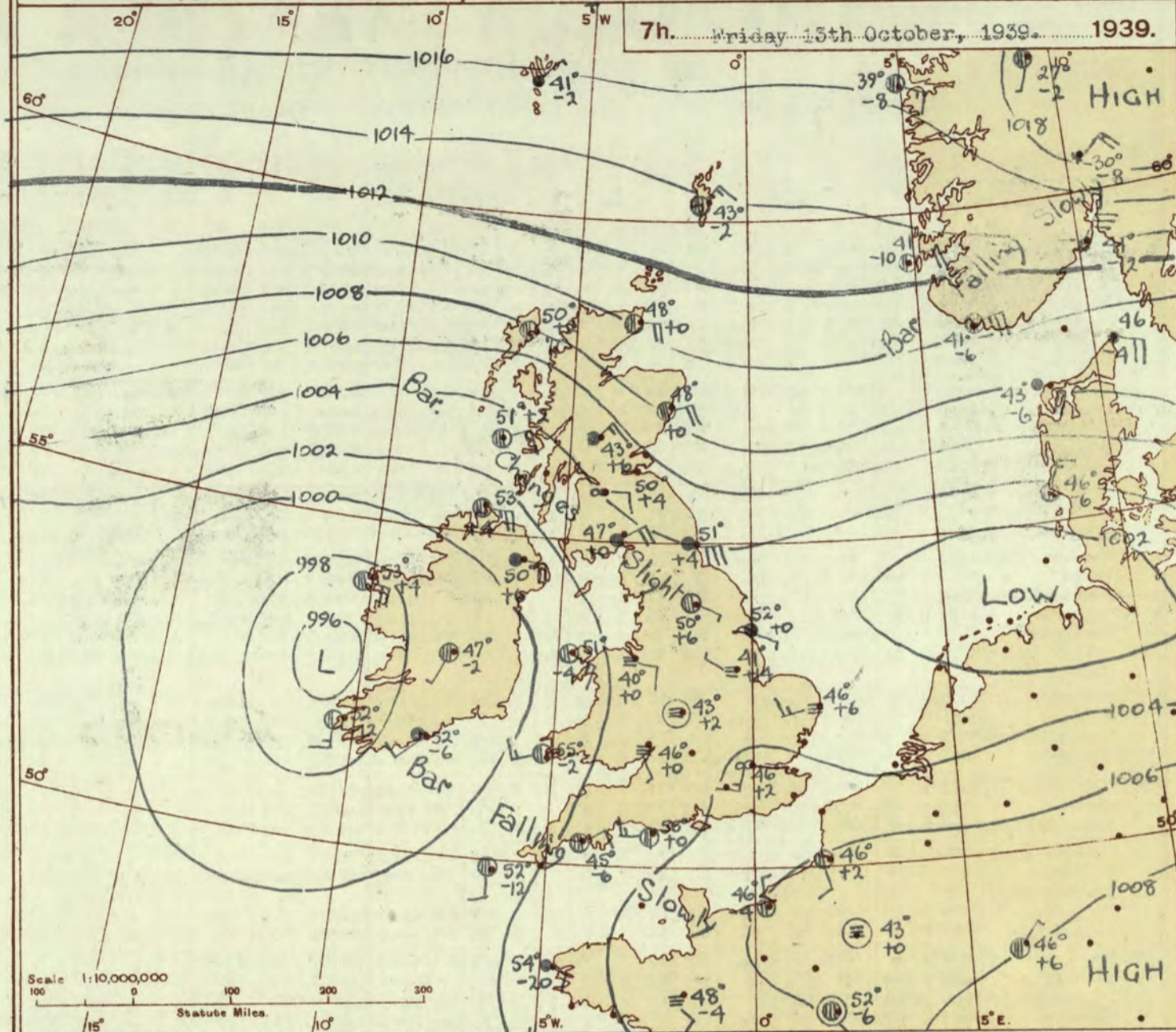
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Friday, 13th October, 1939.
 No. 28,449

| OBSERVATIONS at 13h. G.M.T. 12th October. | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 12th October. | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th October, 1939. |
|--|--|
| 1 S.E. England | Wind variable, light, becoming dull, rainy; fairer tomorrow but much morning fog or mist; average temperature. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | Wind southeasterly, light; considerable bright periods; some showers especially near the coasts; morning fog; average temperature. |
| 5 S.W. England | |
| 6 South Wales ... | |
| 7 North Wales ... | Wind variable, light, becoming easterly, moderate; fair at first, becoming cloudy with occasional rain; average temperature. |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | Wind east to northeast, moderate or fresh; cloudy or dull; occasional rain in most areas; rather cold. |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A.W.Scotld. B.N.W.Scot- land. | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | Wind variable, light to moderate; bright periods; some showers; rather mild. |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

Depressions are centred over West Ireland and the southern North Sea. A deepening development west of Brittany will move east-northeast. Occasional rain will spread slowly into the Midlands from Scotland and Northeast England and there is a decided probability of rain spreading from France into Southeast England today. Morning fog will occur extensively in the southern half of England.

FURTHER OUTLOOK.

Unsettled.

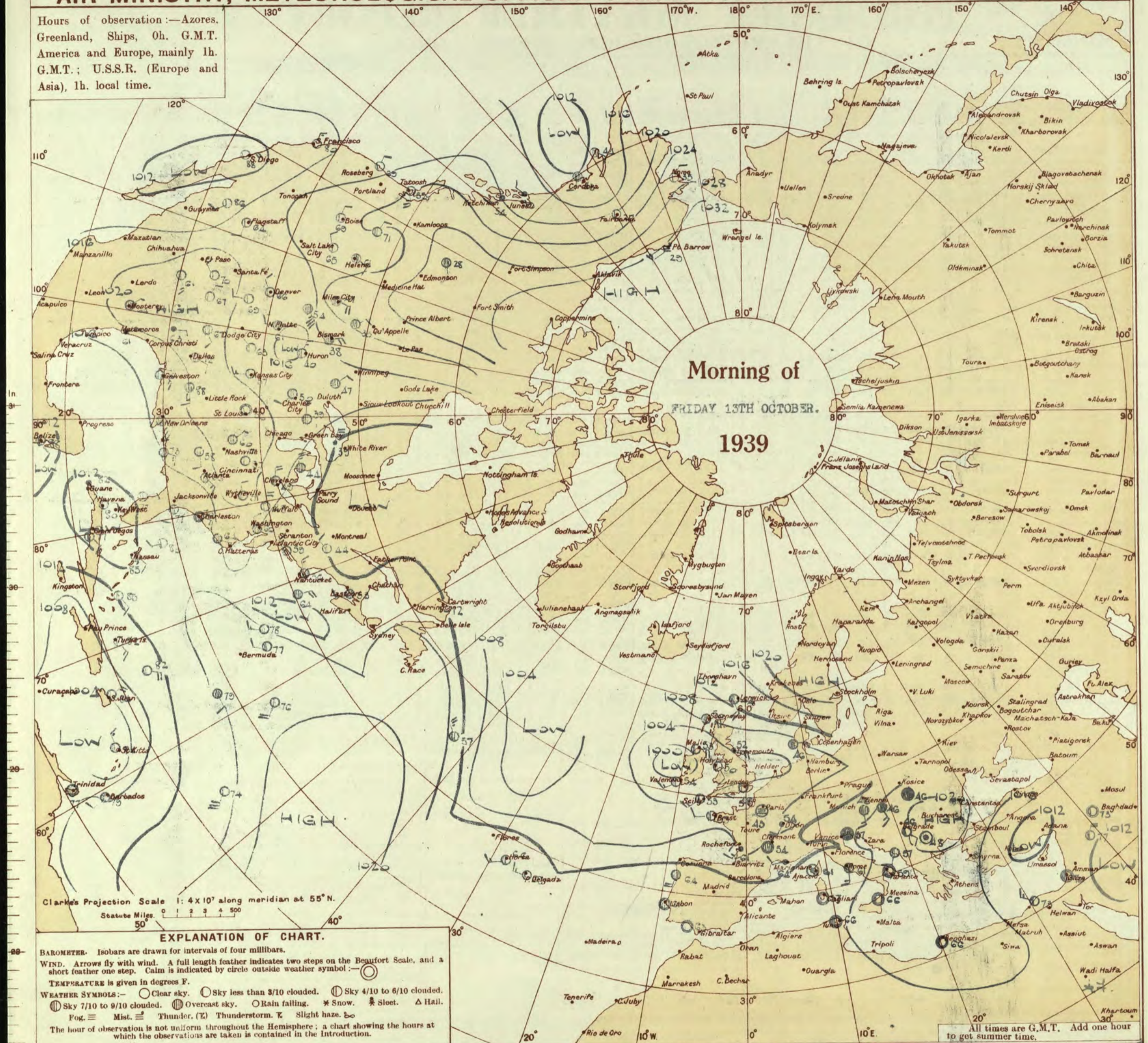
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

Forecasts issued at 0930 G.M.T.
H.M.S.O. Press, Cornwall House, S.E.1.

412/1700 R. 019. 0 45/16. 445. 4/38

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

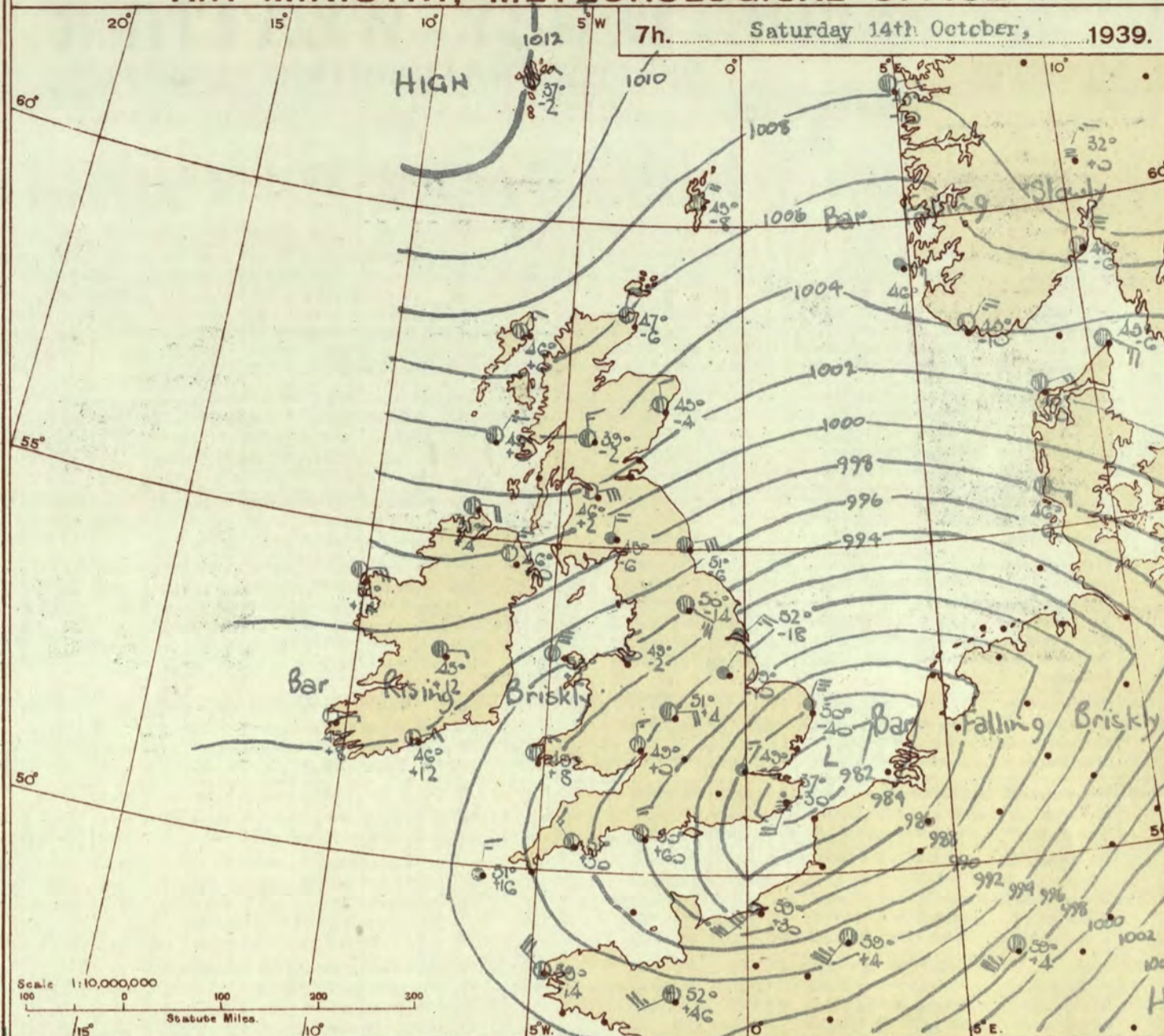
| OBSERVATIONS at 1 hr. G.M.T. 13th October. | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 13th October. | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|----------------|--------|---------|------------------------|--|-----------------------|--------------------|-------|---|----------|-----------|----------|----------------|--------|---------|------------------------|-----|------------------|----------------|--------------|---------------------|-----------------------|-------------------|----------------|------------------|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. 0-9 | Cloud. | | | | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. 0-9 | Cloud. | | | | State of Ground. | Sea. | TEMPERATURE. | | RAINFALL. | | SUNSHINE Hrs. | | | | | | | | | | | | | | | | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | | | | | | | | | | Form. | Amount. | Height of Base (feet). | | | | | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) ... | 18 | 1004.5 | -2 | SW | 2 | 20 | 48 | 92 | 6 | 5 | 2-3 | 2-3 | 4000 | 1003.8 | +4 | SW | 3 | cf | 45 | 97 | 3 | 5 | - | - | 7-8 | 2500 | 1 | 57 | 44 | 34 | Tr | 0.1 | 3.7 | | | | | | | | | | | | | | | |
| | Croydon ... | 217 | 1004.5 | -2 | SW | 2 | 20 | 48 | 92 | 6 | 5 | 2-3 | 2-3 | 4000 | 1004.2 | +2 | SW | 3 | z | 46 | 97 | 6 | 5 | - | - | 7-8 | 2500 | 1 | 58 | 43 | 35 | - | 0.2 | 5.7 | | | | | | | | | | | | | | | |
| | S. Farnborough ... | 226 | 1004.5 | -2 | SW | 2 | 20 | 48 | 97 | 6 | 5 | - | - | 7-8 | 1003.6 | +2 | SE | 1 | z | 46 | 97 | 6 | 5 | 3 | 8 | 4-6 | 5700 | 1 | 60 | 41 | 36 | Tr | Tr | 5.2 | | | | | | | | | | | | | | | |
| | Boscombe Down ... | 417 | 1004.5 | -2 | SW | 2 | 20 | 48 | 97 | 6 | 5 | - | - | 7-8 | 1003.4 | +2 | SW | 2 | bcf | 43 | 97 | 2 | 5 | 4 | 1 | 2-3 | 2500 | 1 | 60 | 41 | 37 | Tr | Tr | 6.7 | | | | | | | | | | | | | | | |
| | Calshot (Stmntn.) ... | 8 | 1004.7 | +2 | W'S | 2 | 20 | 52 | 92 | 5 | 5 | - | - | 4-6 | 1003.6 | 0 | NW | 2 | m | 49 | 97 | 4 | 8 | 7 | 1 | 4-6 | 7-8 | 2500 | 1 | 61 | 44 | 43 | Tr | Tr | 5.5 | | | | | | | | | | | | | | |
| | Lympe ... | 346 | 1005.3 | -2 | NW | 2 | 20 | 46 | 97 | 6 | 5 | - | - | 1 | 1004.9 | +2 | NNW | 1 | bcf | 44 | 97 | 2 | 7 | - | 0 | 2-3 | - | 1 | 52 | 53 | 42 | 34 | 0.1 | 0.1 | 4.8 | | | | | | | | | | | | | | |
| | Manston ... | 154 | 1003.6 | -6 | W | 2 | 20 | 46 | 97 | 5 | - | - | 0 | 0 | 1003.6 | +2 | WSW | 3 | C | 47 | 97 | 7 | 2 | 3 | 8 | Tr | 7-8 | 1500 | 1 | 60 | 42 | 42 | Tr | 0.3 | 4.9 | | | | | | | | | | | | | | |
| 2 | Shoeburyness ... | 11 | 1002.5 | -2 | SW | 3 | C | 48 | 92 | 5 | 5 | - | - | 10 | 1004.6 | +4 | WSW | 2 | m | 46 | 97 | 4 | 5 | 3 | - | 2-3 | 4-6 | 4000 | 1 | 61 | 45 | 33 | - | - | 5.3 | | | | | | | | | | | | | | |
| | Felixstowe ... | 15 | 1002.5 | -2 | SW | 3 | C | 48 | 92 | 5 | 5 | - | - | 10 | 1003.3 | +6 | NW | 3 | bcf | 43 | 97 | 2 | - | - | - | 0 | 0 | - | 1 | 2 | 60 | 43 | 41 | - | - | 4.3 | | | | | | | | | | | | | |
| | Gorleston ... | 5 | 1002.5 | -2 | SW | 3 | C | 48 | 92 | 5 | 5 | - | - | 10 | 1003.1 | +6 | WSW | 3 | bcf | 43 | 97 | 2 | - | - | - | 0 | 0 | - | 1 | 2 | 56 | 46 | 45 | - | - | 4.3 | | | | | | | | | | | | | |
| | Mildenhall ... | 19 | 1003.4 | 0 | SW | 2 | F | 42 | 97 | 1 | - | - | - | 10 | 1003.3 | +6 | SW | 1 | F | 42 | 97 | 1 | - | - | - | 10 | 10 | 1150 | 1 | 53 | 39 | 35 | 0.1 | Tr | 1.1 | | | | | | | | | | | | | | |
| | Cranwell ... | 240 | 1003.4 | 0 | SW | 2 | F | 42 | 97 | 1 | - | - | - | 10 | 1003.3 | +6 | SW | 1 | F | 42 | 97 | 1 | - | - | - | 10 | 10 | 1150 | 1 | 53 | 39 | 35 | 0.1 | Tr | 1.1 | | | | | | | | | | | | | | |
| 3 | Birmingham ... | 535 | 1003.4 | 0 | SW | 2 | F | 42 | 97 | 1 | - | - | - | 10 | 1003.3 | +6 | SW | 1 | F | 42 | 97 | 1 | - | - | - | 10 | 10 | 1150 | 1 | 53 | 39 | 35 | 0.1 | Tr | 1.1 | | | | | | | | | | | | | | |
| 4 | Upper Heyford ... | 408 | 1003.4 | 0 | SW | 2 | F | 42 | 97 | 1 | - | - | - | 10 | 1003.3 | +6 | SW | 1 | F | 42 | 97 | 1 | - | - | - | 10 | 10 | 1150 | 1 | 53 | 39 | 35 | 0.1 | Tr | 1.1 | | | | | | | | | | | | | | |
| 4 | Ross-on-Wye ... | 223 | 1003.4 | 0 | SW | 2 | F | 42 | 97 | 1 | - | - | - | 10 | 1003.3 | +6 | SW | 1 | F | 42 | 97 | 1 | - | - | - | 10 | 10 | 1150 | 1 | 53 | 39 | 35 | 0.1 | Tr | 1.1 | | | | | | | | | | | | | | |
| 5 | Hartland Point ... | 299 | 1002.4 | -2 | W | 4 | C | 55 | 92 | 8 | 8 | - | - | 7-8 | 1001.5 | -4 | SSE | 3 | pr | 51 | 97 | 8 | 8 | - | 1 | 4-6 | 7-8 | 2500 | 1 | 57 | 50 | 48 | 4 | 3 | 4.3 | | | | | | | | | | | | | | |
| | Bristol ... | 209 | 1002.4 | -2 | W | 4 | C | 55 | 92 | 8 | 8 | - | - | 7-8 | 1003.0 | 0 | SE | 2 | bc | 43 | 97 | 7 | 8 | 3 | - | 2-3 | 2-3 | 4000 | 1 | 57 | 50 | 48 | 4 | 3 | 4.3 | | | | | | | | | | | | | | |
| | Portland Bill ... | 32 | 1004.3 | +2 | W | 3 | C | 55 | 92 | 8 | 8 | - | - | 7-8 | 1003.0 | 0 | SE | 2 | bc | 43 | 97 | 7 | 8 | 3 | - | 2-3 | 2-3 | 4000 | 1 | 57 | 50 | 48 | 4 | 3 | 4.3 | | | | | | | | | | | | | | |
| | Plymouth ... | 82 | 1004.5 | -4 | E | 1 | Z | 47 | 97 | 6 | 2 | - | - | 1 | 1003.3 | 0 | W | 3 | C | 55 | 92 | 8 | 8 | 4 | - | 4-6 | 7-8 | 2500 | 1 | 59 | 53 | * | 1 | - | * | | | | | | | | | | | | | | |
| | The Lizard ... | 240 | 1004.7 | -10 | WSW | 2 | bc | 54 | 85 | 8 | 8 | - | - | 4-6 | 1002.5 | -6 | ESE | 2 | cf | 45 | 97 | 5 | 1 | - | 5 | 1 | 3 | 1500 | 1 | 60 | 45 | 42 | - | 0.2 | 6.3 | | | | | | | | | | | | | | |
| | Scilly (St. Mary's) ... | 163 | 1004.0 | -10 | WSW | 3 | bc | 53 | 97 | 8 | 5 | - | - | 2-3 | 1001.9 | -20 | SW | 2 | C | 54 | 92 | 8 | 8 | 2 | - | 7-8 | 9+ | 2500 | 1 | 62 | 52 | * | 0.5 | - | 8.7 | | | | | | | | | | | | | | |
| | Guernsey ... | 175 | 1004.0 | -10 | WSW | 3 | bc | 53 | 97 | 8 | 5 | - | - | 2-3 | 1001.2 | -12 | S | 2 | C | 52 | 97 | 8 | 8 | 3 | - | 2-3 | 10 | 2500 | 1 | 61 | (52) | * | - | - | 8.2 | | | | | | | | | | | | | | |
| 6 | Pembroke ... | 142 | 1002.4 | -2 | W | 4 | C | 55 | 92 | 8 | 8 | - | - | 7-8 | 1000.9 | -2 | WSW | 3 | bc | 55 | 92 | 8 | 8 | 2 | - | 4-6 | 4-6 | 2500 | 1 | 58 | 53 | * | Tr | Tr | 5.5 | | | | | | | | | | | | | | |
| 7 | Holyhead ... | 26 | 1001.2 | -10 | SE | 2 | bc | 50 | 92 | 8 | 5 | - | - | 2-3 | 1000.3 | -4 | SE | 2 | bc | 51 | 97 | 8 | 8 | - | - | 4-6 | 4-6 | 4000 | 1 | 59 | 47 | 44 | 1 | 3 | 5.0 | | | | | | | | | | | | | | |
| 8 | Chester (Sealand) ... | 16 | 1003.0 | -2 | SE | 1 | F | 41 | 92 | 1 | - | - | - | 0 | 1002.2 | 0 | SE | 2 | F | 40 | 97 | 1 | - | - | - | 10 | 10 | 1150 | 1 | 62 | 33 | 38 | 0.2 | 0.3 | 3.9 | | | | | | | | | | | | | | |
| 8 | Manchester ... | 70 | 1003.0 | -2 | SE | 1 | F | 41 | 92 | 1 | - | - | - | 0 | 1002.9 | +6 | ENE | 1 | bcf | 39 | 97 | 2 | - | 3 | - | 0 | 2-3 | - | 1 | 61 | 33 | 31 | Tr | - | 7.0 | | | | | | | | | | | | | | |
| 10 | Spurn Head ... | 29 | 1002.6 | 0 | NW | 1 | rr | 51 | 97 | 5 | 5 | - | - | 10 | 1002.6 | 0 | SEE | 1 | rr | 52 | 92 | 6 | 5 | - | - | 9+ | 9+ | 450 | 2 | 55 | 45 | * | 12 | Tr | 0.4 | | | | | | | | | | | | | | |
| | Catterick ... | 175 | 1002.6 | 0 | NW | 1 | rr | 51 | 97 | 5 | 5 | - | - | 10 | 1002.3 | +6 | ESE | 1 | rr | 50 | 97 | 6 | 5 | - | - | 9+ | 9+ | 800 | 1 | 57 | 48 | 43 | 6 | 6 | 1.0 | | | | | | | | | | | | | | |
| | Tynemouth ... | 108 | 1004.7 | -2 | E | 4 | rr | 52 | 92 | 6 | 6 | - | - | 10 | 1004.6 | +4 | E | 6 | rr | 51 | 92 | 6 | 6 | - | - | 10 | 10 | 800 | 1 | 54 | 50 | 43 | 24 | 25 | * | | | | | | | | | | | | | | |
| 11 | St. Abbs Head ... | 280 | 1005.6 | 0 | ESE | 5 | rr | 49 | 97 | 7 | 9 | 6 | - | 7-8 | 1005.8 | +4 | ESE | 5 | C | 49 | 92 | 7 | 3 | 2 | - | 7-8 | 10 | 1500 | 1 | 52 | 47 | * | 3 | 3 | * | | | | | | | | | | | | | | |
| | Leuchars ... | 36 | 1006.6 | +2 | E | 4 | rr | 50 | 92 | 5 | 5 | - | - | 10 | 1006.5 | +6 | E | 3 | rr | 49 | 92 | 7 | 5 | - | - | 10 | 10 | 800 | 1 | 55 | 48 | 47 | 5 | 0.4 | 0.5 | | | | | | | | | | | | | | |
| 12 | Renfrew (Abbots I.) ... | 19 | 1005.3 | -2 | EW | 2 | Z | 49 | 97 | 6 | 5 | - | - | 9+ | 1005.2 | +4 | E | 2 | Z | 50 | 92 | 6 | 5 | - | - | 9+ | 9+ | 1500 | 1 | 55 | 49 | 43 | Tr | - | 2.5 | | | | | | | | | | | | | | |
| | Esksdalemuir ... | 794 | 1002.6 | 0 | SE | 4 | bc | 53 | 92 | 7 | 5 | - | - | 2-3 | 1003.9 | 0 | NEE | 4 | rr | 47 | 92 | 6 | 6 | - | - | 10 | 10 | 450 | 1 | 55 | 44 | * | 3 | - | 5.7 | | | | | | | | | | | | | | |
| | Point of Ayre ... | 30 | 1002.6 | 0 | SE | 4 | bc | 53 | 92 | 7 | 5 | - | - | 2-3 | 1003.9 | 0 | NEE | 4 | rr | 47 | 92 | 6 | 6 | - | - | 10 | 10 | 450 | 1 | 55 | 44 | * | 3 | - | 5.7 | | | | | | | | | | | | | | |
| 13A | Tiree ... | 22 | 1008.3 | 0 | E | 5 | C | 50 | 85 | 7 | 5 | 2 | - | 4-6 | 1003.7 | +2 | ENE | 3 | C | 51 | 85 | 8 | 5 | - | - | 9 | 9 | 2500 | 0 | 57 | 49 | 45 | - | - | 6.8 | | | | | | | | | | | | | | |
| 13B | Stornoway ... | 80 | 1008.3 | 0 | E | 5 | C | 50 | 85 | 7 | 5 | 2 | - | 4-6 | 1008.8 | +2 | ESE | 5 | C | 50 | 75 | 8 | 5 | 7 | - | 4-6 | 9+ | 2500 | 1 | 54 | 49 | * | Tr | 0.6 | 2.8 | | | | | | | | | | | | | | |
| 15 | Dalwhinnie ... | 1176 | 1008.3 | 0 | E | 5 | C | 50 | 85 | 7 | 5 | 2 | - | 4-6 | 1008.8 | +2 | ENE | 5 | C | 50 | 75 | 8 | 5 | 7 | - | 4-6 | 9+ | 2500 | 1 | 54 | 49 | * | Tr | 0.6 | 2.8 | | | | | | | | | | | | | | |
| | Aberdeen ... | 79 | 1008.3 | 0 | E | 5 | C | 50 | 85 | 7 | 5 | 2 | - | 4-6 | 1008.8 | +2 | ENE | 5 | C | 50 | 75 | 8 | 5 | 7 | - | 4-6 | 9+ | 2500 | 1 | 54 | 49 | * | Tr | 0.6 | 2.8 | | | | | | | | | | | | | | |
| | Wick ... | 81 | 1010.8 | -4 | ESE | 5 | bc | 50 | 85 | 7 | 5 | 7 | - | 4-6 | 1008.9 | 0 | EN | 4 | C | 48 | 75 | 7 | 7 | - | - | 9+ | 9+ | 1500 | 1 | 50 | 47 | 43 | 3 | 1 | 0.0 | | | | | | | | | | | | | | |
| 16 | Lerwick ... | 156 | 1014.8 | -10 | SSE | 4 | C | 44 | 85 | 7 | 8 | 7 | - | 7-8 | 1010.5 | 0 | E | 4 | C | 48 | 75 | 8 | 5 | 7 | - | 2-3 | 7-8 | 2500 | 1 | 51 | 48 | * | 0.5 | 2 | * | | | | | | | | | | | | | | |
| | Blackod Point ... | 18 | 996.9 | -4 | SE | 3 | r | 53 | 92 | 7 | 6 | - | - | 10 | 1013.7 | -2 | NE | 3 | cf | 43 | 85 | 8 | 8 | 3 | - | 7-8 | 9 | 800 | 1 | 50 | 42 | * | 8 | 1 | 3.1 | | | | | | | | | | | | | | |
| 17 | Malin Head ... | 18 | 1001.0 | 0 | E | 4 | bc | 53 | 85 | 7 | 8 | - | - | 4-6 | 1001.6 | +4 | E | 4 | C | 53 | 85 | 7 | 8 | - | - | 9+ | 9+ | 4000 | 0 | 59 | 51 | * | 8 | - | * | | | | | | | | | | | | | | |
| 18 | Aldergrove ... | 268 | 1001.0 | 0 | E | 4 | bc | 53 | 85 | 7 | 8 | - | - | 4-6 | 1001.6 | +4 | E</ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 13h. G.M.T. | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. | | | | | | | | | | | | | | PAST 24 HOURS. | | | |
|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th October, 1939.

| | |
|-------------------------------------|---|
| 1 S.E. England | Wind northwest to north, fresh, decreasing moderate to light; becoming fair; some morning fog; average temperature. |
| 2 E. England | Wind northeast to north, strong to gale on coast, moderating later; some rain at first, becoming fair apart from local showers; average temperature, then colder. |
| 3 E. Midlands | |
| 4 W. Midlands | |
| 5 S.W. England | Wind between northeast and north, mainly moderate; bright periods, some local showers, chiefly near the coast; becoming colder. |
| 6 South Wales | |
| 7 North Wales | |
| 8 N.W. England | |
| 9 N. Midlands | |
| 10 N.E. England | Wind northeast, strong, perhaps gale on coast; mainly cloudy; some showers or occasional local rain; rather cold. |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | As 3 - 9 |
| 13 { A.W.Scotld. B.N.W.Scotland. | |
| 14 Mid Scotland | |
| 15 N.E. Scotland | Wind northeast to north, fresh at times; variable sky; showers; rather cold. |
| 16 Orkneys and Shetlands | |
| 17 N.W. Ireland | As 3 - 9. |
| 18 N.E. Ireland | |
| 19 S.E. Ireland | |
| 20 S.W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND, WEATHER SYMBOLS. For explanation see opposite page.

SEA DISTURBANCE. Rough. High.

BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An intense depression centred off the mouth of the Thames will move northeast and begin to fill up. There will be some further rain at first in East Anglia and there is a probability of some occasional rain in East Scotland and Northeast England later. Elsewhere there will be bright periods with a few showers. A northeast gale is expected today on parts of the East Coast.

FURTHER OUTLOOK.

Colder; some showers especially in the Eastern districts.

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

Forecasts issued at 1100 G.M.T.

H.M.S.O. Press, Cornwall House, S.E.1.

4/38

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

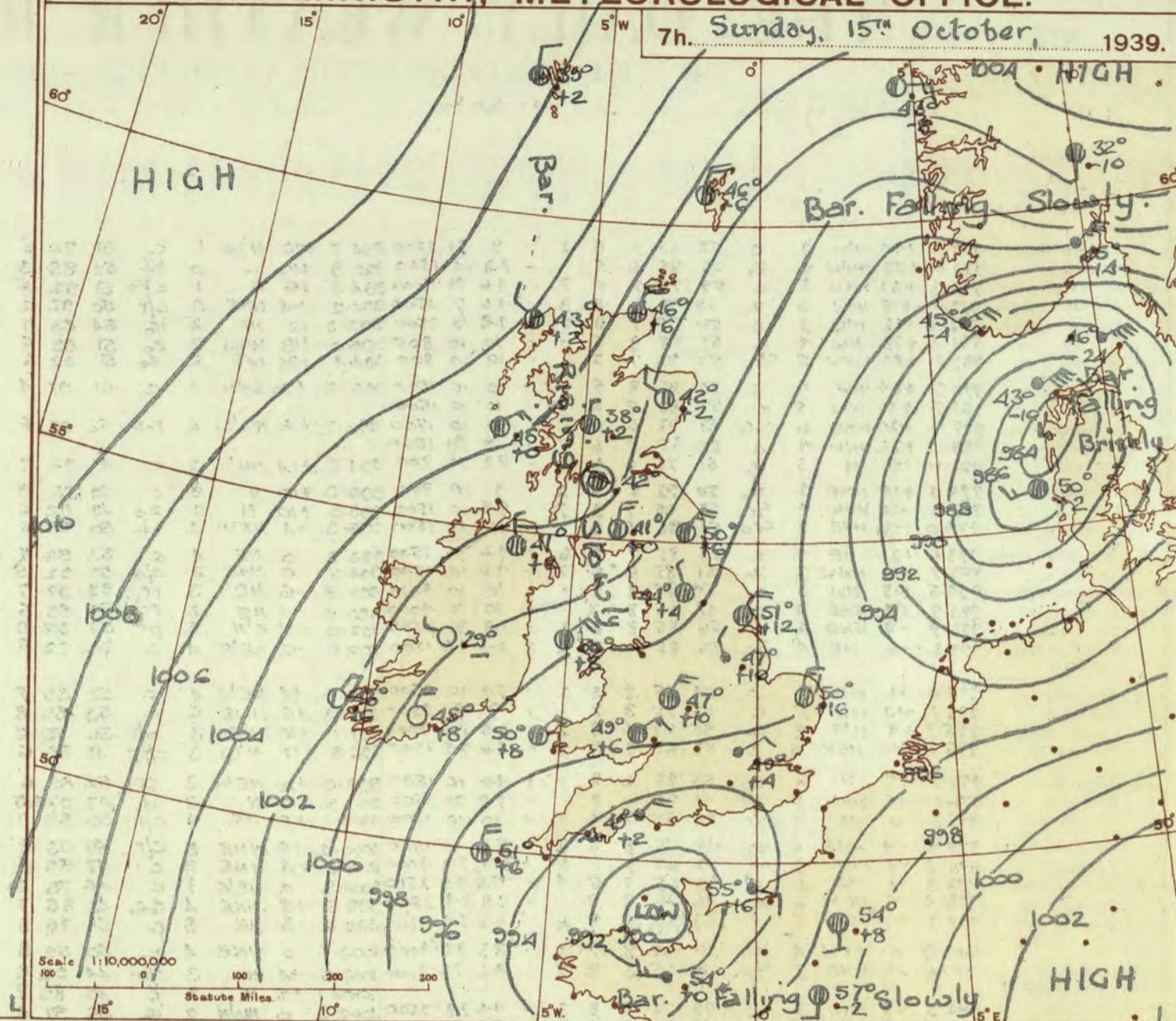
| OBSERVATIONS at 1 hr. G.M.T. 14th October. | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 14th October. | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Sunday, 15th October, 1939
No. 28,451.

| OBSERVATIONS at 13h. G.M.T. 14 th October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 14 th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | |
|--|--------------------------------------|--------------------------------------|------------------------------|-------|-----------------------|----------|---------------------|----------------------|---------------------------|--------|--|--------------------------------------|------|--|---------------------------------------|-------------------------------|-------|------|------------------------|----------------------|-----------------------|----------------------------|--------|-------|--|--------------------------------------|------------------------------------|----------------|--------------------------------------|---------------------------------------|---|---|----|----|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 8 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. °F. (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. mb. (15) | Change in 8 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. °F. (21) | Visibility. 0-9 (22) | Cloud. | | | | | Sea. | WEATHER. | | | | | | | | | | | | | |
| | | | | Dir. | Force. 0-12 (4) | | | | | Form. | Amount. Low 0-10 Total 0-10 (12) (13) | Height of Base. (feet) (14) | | | | | | Dir. | Force. 0-12 (18) | | | | | Form. | Amount. Low 0-10 Total 0-10 (26) (27) | Height of Base. (feet) (28) | State of ground. 0-9 (29) | | 7h.—13h. 14 th (37) | 13h.—18h. 14 th (38) | 18h.—14 th 15 th (39) | 14 th —7h. 15 th (40) | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 992.1 | +40 | NW | 3 | C | 55 | 65 | 7 | 2 | 9 | 9 | 2500 | 992.7 | +10 | NW | 1 | C | 51 | 92 | 6 | 8 | 2 | 4 | 10 | 1000 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Croydon ... | 992.0 | +38 | NW | 3 | C | 53 | 85 | 6 | 5 | 7 | 7 | 1500 | 992.9 | +10 | N | 0 | C | 52 | 85 | 3 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| | S. Farnborough | 992.3 | +32 | NW | 3 | C | 54 | 75 | 7 | 5 | 7 | 7 | 1500 | 992.4 | +16 | N | 1 | C | 51 | 92 | 3 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Boscombe Down | 992.9 | +18 | NW | 3 | C | 53 | 75 | 6 | 8 | 3 | 7 | 1500 | 992.2 | +4 | NNE | 3 | C | 50 | 92 | 2 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Calshot (Soton.) | 992.6 | +22 | NW | 3 | C | 53 | 75 | 7 | 8 | 7 | 7 | 1500 | 992.3 | +2 | NE | 3 | C | 51 | 92 | 2 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Lympe | 991.3 | +78 | NW | 4 | C | 51 | 85 | 8 | 5 | 7 | 7 | 1500 | 992.0 | +18 | NW | 3 | C | 51 | 92 | 2 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Manston | 989.7 | +84 | NW | 5 | C | 52 | 92 | 7 | 5 | 7 | 7 | 1500 | 992.4 | +24 | NW | 2 | C | 51 | 92 | 2 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| 2 | Shoeburyness ... | 990.8 | +64 | NW | 4 | C | 53 | 85 | 8 | 5 | 7 | 7 | 1500 | 992.3 | +20 | NW | 1 | C | 51 | 97 | 4 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Felixstowe | 987.7 | +46 | NW | 5 | C | 52 | 85 | 7 | 5 | 7 | 7 | 1500 | 992.7 | +40 | NW | 4 | C | 52 | 92 | 6 | 6 | 7 | 10 | 10 | 2500 | 1 | 3 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Gorleston | 987.1 | +20 | NW | 6 | C | 51 | 85 | 6 | 6 | 7 | 7 | 1500 | 992.7 | +40 | NW | 4 | C | 52 | 92 | 6 | 6 | 7 | 10 | 10 | 2500 | 1 | 3 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Mildenhall | 987.7 | +26 | NW | 4 | C | 54 | 85 | 7 | 6 | 7 | 7 | 1500 | 992.7 | +40 | NW | 4 | C | 52 | 92 | 6 | 6 | 7 | 10 | 10 | 2500 | 1 | 3 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Cranwell | 992.6 | +18 | N | 3 | C | 51 | 92 | 6 | 6 | 2 | 7 | 800 | 992.5 | +14 | NW | 2 | C | 49 | 92 | 7 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| 3 | Birmingham | 994.5 | +14 | NNE | 2 | C | 50 | 92 | 5 | 6 | 2 | 7 | 800 | 996.3 | +10 | N | 2 | C | 49 | 92 | 5 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Upper Heyford | 993.3 | +20 | NW | 2 | C | 53 | 85 | 7 | 3 | 7 | 7 | 1500 | 996.3 | +10 | N | 2 | C | 49 | 92 | 5 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| 4 | Ross-on-Wye ... | 994.0 | +12 | NNE | 3 | C | 51 | 85 | 6 | 6 | 7 | 7 | 1500 | 996.3 | +14 | NE | 2 | C | 49 | 92 | 5 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| 5 | Hartland Point | 993.6 | +2 | NE | 4 | C | 53 | 85 | 7 | 8 | 6 | 7 | 1500 | 993.2 | 0 | NE | 4 | C | 53 | 85 | 7 | 8 | 6 | 7 | 10 | 1500 | 1 | 3 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Bristol ... | 993.9 | +14 | NW | 2 | C | 51 | 85 | 6 | 5 | 7 | 7 | 1500 | 994.5 | 0 | NNE | 2 | C | 53 | 85 | 7 | 8 | 6 | 7 | 10 | 1500 | 1 | 3 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Portland Bill | 994.5 | +18 | NW | 3 | C | 54 | 85 | 8 | 5 | 7 | 7 | 1500 | 994.5 | 0 | NNE | 2 | C | 53 | 85 | 7 | 8 | 6 | 7 | 10 | 1500 | 1 | 3 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Plymouth | 993.9 | +4 | ENE | 2 | C | 57 | 65 | 8 | 8 | 7 | 7 | 1500 | 993.0 | -4 | NE | 2 | C | 53 | 85 | 6 | 7 | 8 | 10 | 10 | 2500 | 1 | 2 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | The Lizard | 993.9 | -8 | ENE | 2 | C | 56 | 85 | 8 | 8 | 2 | 7 | 1500 | 992.0 | -4 | EN | 2 | C | 52 | 92 | 8 | 8 | 2 | 10 | 10 | 1500 | 1 | 1 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Scilly (St. Mary's) | 993.5 | -6 | NE | 4 | C | 56 | 85 | 7 | 8 | 6 | 3 | 2-3 | 4-6 | 1500 | 992.6 | -12 | NE | 4 | C | 54 | 92 | 8 | 8 | 6 | 10 | 1500 | 1 | 2 | cm, cm | cm | cm | cm | | | | | | | | | |
| | Guernsey | 993.5 | -6 | NE | 4 | C | 56 | 85 | 7 | 8 | 6 | 3 | 2-3 | 4-6 | 1500 | 992.6 | -12 | NE | 4 | C | 54 | 92 | 8 | 8 | 6 | 10 | 1500 | 1 | 2 | cm, cm | cm | cm | cm | | | | | | | | | |
| 6 | Pembroke | 995.0 | +6 | NE | 4 | C | 54 | 85 | 8 | 5 | 2 | 7 | 1500 | 995.5 | +4 | NE | 4 | C | 52 | 85 | 7 | 5 | 2 | 7 | 10 | 2500 | 1 | 2 | cm, cm | cm | cm | cm | | | | | | | | | | |
| 7 | Holyhead | 996.7 | +10 | NE | 5 | C | 55 | 75 | 8 | 8 | 3 | 7 | 1500 | 997.3 | +6 | NNE | 6 | C | 53 | 85 | 8 | 8 | 3 | 7 | 10 | 1500 | 1 | 3 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Chester (Sealand) | 995.7 | +8 | N | 4 | C | 55 | 65 | 6 | 8 | 3 | 7 | 1500 | 997.1 | +10 | N | 3 | C | 50 | 75 | 6 | 5 | 7 | 10 | 10 | 1500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| 8 | Manchester | 995.2 | +10 | NE | 4 | C | 53 | 65 | 7 | 8 | 3 | 7 | 1500 | 996.8 | +12 | NW | 3 | C | 49 | 85 | 6 | 8 | 3 | 7 | 10 | 1500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| 10 | Spurn Head | 990.9 | +8 | N | 6 | C | 53 | 85 | 6 | 8 | 7 | 1 | 4-6 | 10 | 1500 | 993.9 | +20 | NE | 3 | C | 52 | 85 | 6 | 5 | 2 | 7 | 10 | 2500 | 1 | 3 | cm, cm | cm | cm | cm | | | | | | | | |
| | Catterick | 996.1 | +6 | NNE | 5 | C | 49 | 85 | 6 | 8 | 7 | 7 | 1500 | 997.5 | +10 | N | 3 | C | 47 | 97 | 5 | 5 | 7 | 10 | 10 | 1500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Tynemouth | 997.3 | 0 | NE | 6 | C | 50 | 75 | 7 | 6 | 7 | 7 | 1500 | 1008.1 | +8 | NE | 6 | C | 50 | 85 | 7 | 6 | 7 | 10 | 10 | 1500 | 1 | 4 | cm, cm | cm | cm | cm | | | | | | | | | | |
| 11 | St. Abbs Head | 999.5 | -4 | NNE | 6 | C | 48 | 75 | 8 | 8 | 2 | 7 | 1500 | 1000.2 | +6 | NNE | 6 | C | 49 | 75 | 8 | 8 | 2 | 7 | 10 | 1500 | 1 | 4 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Leuchars | 1001.5 | -8 | ENE | 3 | C | 52 | 65 | 9 | 1 | 3 | 7 | 1500 | 1001.5 | +4 | NNE | 6 | C | 47 | 85 | 8 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| 12 | Renfrew (Abbots L.) | 1002.5 | -2 | NE | 2 | C | 49 | 65 | 9 | 5 | 4 | 7 | 1500 | 1001.9 | 0 | NE | 1 | C | 46 | 75 | 8 | 5 | 7 | 10 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Eskdalemuir | 998.4 | -4 | NE | 6 | C | 46 | 75 | 8 | 9 | 7 | 7 | 1500 | 998.5 | +8 | NNE | 4 | C | 43 | 85 | 7 | 6 | 7 | 10 | 10 | 1500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Point of Ayre | 999.3 | +10 | ENE | 5 | C | 53 | 85 | 8 | 8 | 6 | 7 | 1500 | 998.6 | +8 | NE | 5 | C | 43 | 75 | 6 | 6 | 7 | 10 | 10 | 2500 | 0 | 4 | cm, cm | cm | cm | cm | | | | | | | | | | |
| 13a | Tiree | 1003.3 | 0 | NE | 4 | C | 51 | 65 | 8 | 7 | 3 | 7 | 1500 | 1003.1 | 0 | NNE | 4 | C | 50 | 55 | 8 | 5 | 7 | 10 | 10 | 2500 | 0 | 4 | cm, cm | cm | cm | cm | | | | | | | | | | |
| 13b | Stornoway | 1007.6 | -1 | NNE | 5 | C | 49 | 55 | 8 | 8 | 7 | 7 | 1500 | 1007.5 | -4 | N | 3 | C | 44 | 52 | 8 | 3 | 7 | 10 | 10 | 1500 | 1 | 2 | cm, cm | cm | cm | cm | | | | | | | | | | |
| 15 | Dalwhinnie | 1002.5 | -8 | NW | 3 | C | 49 | 75 | 8 | 8 | 3 | 7 | 1500 | 1004.1 | +2 | N | 3 | C | 40 | 85 | 7 | 5 | 7 | 10 | 10 | 1500 | 0 | 2 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Aberdeen | 1002.5 | -8 | NW | 3 | C | 49 | 75 | 8 | 8 | 3 | 7 | 1500 | 1002.3 | 0 | NW | 2 | C | 45 | 97 | 6 | 3 | 7 | 10 | 10 | 1500 | 1 | 3 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Wick | 1004.2 | -8 | NE | 5 | C | 48 | 75 | 8 | 3 | 6 | 7 | 1500 | 1003.7 | -2 | NNE | 2 | C | 45 | 75 | 8 | 8 | 7 | 10 | 10 | 1500 | 1 | 2 | cm, cm | cm | cm | cm | | | | | | | | | | |
| 16 | Lerwick | 1006.3 | -6 | NE | 4 | C | 48 | 75 | 8 | 8 | 7 | 7 | 1500 | 1006.3 | 0 | NE | 4 | C | 45 | 85 | 8 | 8 | 7 | 10 | 10 | 1500 | 1 | 2 | cm, cm | cm | cm | cm | | | | | | | | | | |
| 17 | Blacksod Point | 1000.9 | +6 | ENE | 3 | C | 54 | 75 | 8 | 2 | 7 | 7 | 1500 | 1002.1 | +10 | ENE | 3 | C | 52 | 75 | 8 | 3 | 7 | 10 | 10 | 1500 | 0 | 3 | cm, cm | cm | cm | cm | | | | | | | | | | |
| 18 | Malin Head | 1002.7 | 0 | NE | 4 | C | 51 | 75 | 8 | 7 | 8 | 7 | 1500 | 1002.7 | -2 | NE | 3 | C | 50 | 65 | 8 | 7 | 8 | 10 | 10 | 1500 | 0 | 2 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Aldergrove | 1000.6 | +2 | NE | 5 | C | 49 | 75 | 7 | 8 | 7 | 7 | 1500 | 1001.3 | +2 | NNE | 2 | C | 45 | 75 | 7 | 7 | 3 | 7 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| 19 | Birr Castle | 999.0 | +4 | NE | 3 | C | 54 | 65 | 8 | 2 | 7 | 7 | 1500 | 999.7 | +12 | NE | 2 | C | 51 | 75 | 8 | 5 | 4 | 7 | 10 | 2500 | 1 | * | cm, cm | cm | cm | cm | | | | | | | | | | |
| 20 | Valentia Obsy.† | 997.7 | +6 | EN | 4 | C | 55 | 75 | 8 | 2 | 7 | 7 | 1500 | 997.2 | +14 | NE | 1 | C | 52 | 75 | 9 | 5 | 7 | 10 | 10 | 2500 | 1 | 1 | cm, cm | cm | cm | cm | | | | | | | | | | |
| | Roches Point | 996.7 | 0 | EN | 4 | C | 55 | 75 | 8 | 8 | 4 | 7 | 1500 | 997.6 | +8 | ENE | 3 | C | 52 | 85 | 8 | 5 | 7 | 10 | 10 | 1500 | 1 | 3 | cm, | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday, 15th October, 1939.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M. 15th October, 1939.

| | |
|--|--|
| 1 S.E. England | Wind northeast, moderate to light, backing slowly later; cloudy or dull, with occasional rain today; brighter periods tomorrow, perhaps with local showers; becoming colder. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Wind north to northeast, moderate; fair apart from a few coastal and hill showers; rather cold. |
| 6 South Wales ... | |
| 7 North Wales ... | Wind northeast moderate, backing slowly; mainly cloudy today; brighter periods tomorrow; some showers; rather cold. |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | Wind northerly, light to moderate; bright periods; local showers; rather cold; ground frost at night. |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A.W. Scotld. B.N.W. Scot- land. | Wind northerly, light; mainly fair to fine apart from local coast showers; rather cold; frost locally at night. |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An intense depression over Denmark will move away northeast, but another system centred over the Channel Islands will only move slowly east and gradually fill up. Following some further rain at first in the southeastern half of the British Isles, brighter conditions, but with a few showers, will spread slowly from Scotland and Ireland. Conditions will be rather cold.

FURTHER OUTLOOK.

Bright periods; rather cold.

Forecasts issued at 0930 G.M.T.
H. M. S. O. Press, Cornwall House, S.E.1.

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

Q 41/37103 No. 2103. D. 4426 G. 343 5/38

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.

Morning of
Sunday, 15th October,
1939

Clarke's Projection Scale 1:4x10⁷ along meridian at 55°N.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:—○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. * Sleet. △ Hail.

Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. K Slight haze. ∞

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

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday, 15th October, 1939
No. 28,451.

| OBSERVATIONS at 1 hr. G.M.T. 15 th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 15 th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------------|------------------------------|----------------------|------------------------|------------|------------|----------|---------------|--------------|--------------------|----------|-----------|-----------------------------|---|-------------------------|--------|-----|----------|----------------|---------------|---------------------|-----------|-----------|-----------|-----------------------------|-------------------------|--------------|----------------|--------------------------|----------------------------|------------------------|---------------------|-----------------------|-----|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visiblity. 0-9 (8) | Cloud. | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visiblity. 0-9 (22) | Cloud. | | | Barom. at M.S.L. (29) | Change in 3 hours. (30) | TEMPERATURE. | | RAINFALL. | | SUNSHINE Hrs. (36) | | | | | | | | | | | | | | | | | | |
| | | | | | Direc. (3) | Force. (4) | | | | | Form. | | Height of Base. (feet) (14) | | | | | | | | | | Form. | | Height of Base. (feet) (28) | | | | Max. Day 7h-18h °F. (31) | Min. Night 18h-7h °F. (32) | Min. on Grass °F. (33) | Day 7h-18h mm. (34) | Night 18h-7h mm. (35) | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Low. (9) | Med. (10) | High (11) | | | | | | | | | Low. (23) | Med. (24) | High (25) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) ... 18 | 993.5 | -2 | NE | 2 | rr | 49 | 97 | 4 | - | 2 | - | 10 | 10 | 800 | 995.3 | +2 | NE | 3 | rr | 49 | 97 | 5 | 2 | - | 9 | 10 | 1500 | 1 | 56 | 49 | 46 | 5 | 4 | 0.0 | | | | | | | | | | | | | | |
| | Croydon ... 217 | 993.5 | -2 | NE | 2 | rr | 49 | 97 | 5 | - | 2 | - | 10 | 10 | 1500 | 995.2 | +4 | NE | 2 | rr | 49 | 97 | 5 | 5 | - | 9 | 10 | 800 | 1 | 54 | 47 | 47 | 9 | 6 | 0.0 | | | | | | | | | | | | | | |
| | S. Farnborough ... 226 | 993.5 | -2 | NE | 2 | rr | 49 | 97 | 5 | - | 2 | - | 10 | 10 | 1500 | 995.2 | +4 | NE | 2 | rr | 49 | 97 | 5 | 5 | - | 9 | 10 | 800 | 1 | 55 | 47 | 47 | 9 | 6 | 0.0 | | | | | | | | | | | | | | |
| | Boscombe Down ... 417 | 994.0 | +2 | NE | 2 | rr | 49 | 97 | 5 | - | 2 | - | 10 | 10 | 800 | 994.7 | +4 | NE | 3 | rr | 47 | 97 | 6 | 6 | 2 | - | 9 | 10 | 800 | 1 | 53 | 45 | 44 | 0.2 | 3 | 0.4 | | | | | | | | | | | | | |
| | Calshot (St. Mary's) ... 8 | 993.1 | -2 | NE | 2 | rr | 49 | 97 | 5 | - | 2 | - | 10 | 10 | 1500 | 993.4 | +2 | NE | 3 | rr | 49 | 97 | 6 | 6 | 2 | - | 9 | 10 | 800 | 1 | 57 | 45 | 44 | Tr | 6 | 1.7 | | | | | | | | | | | | | |
| | Lymington ... 346 | 993.7 | -10 | NE | 2 | rr | 49 | 97 | 5 | - | 2 | - | 10 | 10 | 1500 | 995.1 | +6 | ENE | 3 | rr | 50 | 97 | 7 | 5 | 7 | - | 7.8 | 10 | 4000 | 1 | 57 | 48 | 47 | 3 | 3 | 0.0 | | | | | | | | | | | | | |
| | Manston ... 154 | 992.5 | -10 | NE | 2 | rr | 49 | 97 | 5 | - | 2 | - | 10 | 10 | 1500 | 995.1 | +12 | ENE | 2 | rr | 52 | 97 | 7 | 6 | - | - | 10 | 10 | 1500 | 1 | 55 | 45 | 47 | 4 | 7 | 0.0 | | | | | | | | | | | | | |
| 2 | Shoeburyness ... 11 | 993.7 | -2 | NE | 2 | rr | 49 | 97 | 5 | - | 2 | - | 10 | 10 | 1500 | 995.3 | +8 | NE | 2 | rr | 50 | 97 | 7 | 5 | - | - | 10 | 10 | 4000 | 1 | 55 | 48 | 47 | 9 | 3 | 0.4 | | | | | | | | | | | | | |
| | Felixstowe ... 15 | 994.5 | -6 | NE | 3 | rr | 49 | 97 | 5 | - | 2 | - | 10 | 10 | 1500 | 995.2 | +10 | NE | 3 | rr | 49 | 97 | 6 | 7 | - | - | 10 | 10 | 1500 | 1 | 50 | 48 | 45 | 0.5 | 2 | 0.4 | | | | | | | | | | | | | |
| | Gorleston ... 5 | 994.3 | -2 | NE | 1 | rr | 47 | 97 | 5 | - | 2 | - | 10 | 10 | 5700 | 996.0 | +10 | NE | 2 | rr | 47 | 97 | 5 | 3 | - | - | 10 | 10 | 5700 | 1 | 52 | 45 | 42 | 1 | 2 | 0.2 | | | | | | | | | | | | | |
| | Mildenhall ... 19 | 994.3 | -2 | NE | 1 | rr | 47 | 97 | 5 | - | 2 | - | 10 | 10 | 5700 | 996.0 | +10 | NE | 2 | rr | 47 | 97 | 5 | 3 | - | - | 10 | 10 | 5700 | 1 | 52 | 47 | 46 | 7 | 6 | 0.0 | | | | | | | | | | | | | |
| | Cranwell ... 240 | 995.5 | +2 | NE | 2 | rr | 48 | 97 | 5 | - | 2 | - | 10 | 10 | 1500 | 997.2 | +10 | NE | 2 | rr | 47 | 97 | 5 | 6 | 2 | - | 7.8 | 10 | 800 | 1 | 51 | 46 | 43 | 1 | 1 | 0.0 | | | | | | | | | | | | | |
| 3 | Birmingham ... 535 | 995.3 | +2 | NE | 2 | rr | 46 | 97 | 5 | - | 2 | - | 10 | 10 | 800 | 997.4 | +10 | NE | 3 | rr | 47 | 97 | 6 | 5 | 2 | - | 9 | 10 | 800 | 1 | 53 | 45 | 43 | 1 | 0.1 | 0.0 | | | | | | | | | | | | | |
| | Upper Heyford ... 408 | 995.3 | +2 | NE | 2 | rr | 46 | 97 | 5 | - | 2 | - | 10 | 10 | 800 | 996.4 | +8 | NE | 3 | rr | 48 | 97 | 6 | 5 | 2 | - | 9 | 10 | 800 | 1 | 53 | 45 | 43 | 1 | 0.1 | 0.0 | | | | | | | | | | | | | |
| | Ross-on-Wye ... 223 | 995.3 | +2 | NE | 2 | rr | 46 | 97 | 5 | - | 2 | - | 10 | 10 | 800 | 996.3 | +6 | NE | 3 | rr | 49 | 97 | 6 | 5 | - | - | 10 | 10 | 1500 | 1 | 52 | 46 | 46 | 0.5 | 1 | 0.0 | | | | | | | | | | | | | |
| 5 | Hartland Point ... 299 | 993.7 | 0 | NE | 4 | c | 51 | 85 | 8 | 4 | - | - | 4.6 | 9 | 2500 | 995.0 | +10 | NE | 3 | c | 51 | 85 | 8 | 6 | - | 7.8 | 5 | 1500 | 1 | 55 | 49 | 47 | - | 2 | 0.2 | | | | | | | | | | | | | | |
| | Bristol ... 209 | 994.8 | 0 | NE | 3 | rr | 47 | 92 | 6 | 5 | - | - | 10 | 10 | 1500 | 995.7 | +10 | NE | 3 | rr | 47 | 92 | 5 | 3 | 2 | - | 9 | 10 | 450 | 1 | 52 | 46 | 45 | 1 | 1 | 0.0 | | | | | | | | | | | | | |
| | Portland Bill ... 32 | 991.8 | 0 | NE | 4 | rr | 47 | 92 | 6 | 5 | - | - | 10 | 10 | 1500 | 993.4 | +2 | NE | 4 | rr | 49 | 92 | 7 | 5 | - | - | 10 | 10 | 1500 | 1 | 56 | 48 | 45 | 0.6 | 0.5 | 0.0 | | | | | | | | | | | | | |
| | Plymouth ... 82 | 992.6 | 0 | NE | 4 | bc | 51 | 85 | 7 | 5 | - | - | 2.3 | 2.3 | 2500 | 994.3 | +6 | NE | 3 | rr | 49 | 83 | 6 | 5 | 3 | - | 4.6 | 9 | 4000 | 1 | 57 | 49 | 46 | 0.2 | 0.6 | 0.4 | | | | | | | | | | | | | |
| | The Lizard ... 240 | 993.0 | +10 | NE | 4 | c | 49 | 92 | 7 | 8 | 2 | - | 9 | 10 | 1500 | 995.8 | +20 | NE | 3 | rr | 46 | 97 | 7 | 8 | 4 | - | 4.6 | 4.6 | 2500 | 1 | 58 | 45 | 45 | 2 | 1 | 1.3 | | | | | | | | | | | | | |
| | Scilly (St. Mary's) ... 163 | 994.2 | +4 | NE | 5 | c | 52 | 97 | 6 | 8 | 7 | - | 7.8 | 10 | 1500 | 995.7 | +6 | NE | 4 | c | 51 | 92 | 8 | 6 | 3 | 4.6 | 7.8 | 2500 | 1 | 57 | 50 | 50 | 0.4 | 2 | 4.3 | | | | | | | | | | | | | | |
| | Guernsey ... 175 | 994.2 | +4 | NE | 5 | c | 52 | 97 | 6 | 8 | 7 | - | 7.8 | 10 | 1500 | 995.7 | +6 | NE | 4 | c | 51 | 92 | 8 | 6 | 3 | 4.6 | 7.8 | 2500 | 1 | 57 | 50 | 50 | 0.4 | 2 | 4.3 | | | | | | | | | | | | | | |
| 6 | Pembroke ... 142 | 996.1 | +8 | NE | 4 | bc | 48 | 85 | 7 | 8 | - | - | 4.6 | 4.6 | 2500 | 996.7 | +8 | NE | 3 | c | 50 | 85 | 8 | 8 | 1 | - | 7.8 | 10 | 2500 | 1 | 56 | 46 | 46 | 0.2 | - | 0.0 | | | | | | | | | | | | | |
| 7 | Holyhead ... 26 | 997.4 | -2 | NE | 5 | c | 51 | 85 | 7 | 8 | - | - | 10 | 10 | 2500 | 998.2 | +8 | NE | 4 | c | 50 | 97 | 8 | 5 | - | - | 9 | 9 | 2500 | 1 | 55 | 49 | 47 | 1 | 1 | 1.8 | | | | | | | | | | | | | |
| | Chester (Sealand) ... 16 | 997.0 | -2 | NE | 5 | c | 51 | 85 | 7 | 8 | - | - | 10 | 10 | 2500 | 998.2 | +10 | NE | 4 | c | 50 | 97 | 8 | 5 | - | - | 9 | 9 | 2500 | 1 | 56 | 47 | 45 | 0.3 | 2 | 1.1 | | | | | | | | | | | | | |
| | Manchester ... 70 | 996.7 | -2 | NE | 5 | c | 49 | 95 | 6 | 5 | - | - | 10 | 10 | 2500 | 998.2 | +10 | NE | 2 | bc | 45 | 85 | 7 | 5 | 3 | 4 | 2.3 | 4.6 | 2500 | 1 | 55 | 45 | 37 | 0.2 | Tr | 1.0 | | | | | | | | | | | | | |
| 10 | Spurn Head ... 29 | 994.7 | -6 | NE | 4 | rr | 51 | 92 | 6 | 3 | - | - | 10 | 10 | 1500 | 996.9 | +12 | NE | 4 | c | 51 | 85 | 7 | 6 | 2 | - | 4.6 | 10 | 800 | 2 | 54 | 49 | 47 | 2 | 6 | 0.3 | | | | | | | | | | | | | |
| | Catterick ... 175 | 997.8 | 0 | NE | 2 | c | 45 | 85 | 7 | 8 | 2 | - | 4.6 | 7.8 | 1500 | 999.0 | +4 | NE | 1 | c | 44 | 92 | 7 | 5 | - | - | 9 | 9 | 1500 | 1 | 51 | 43 | 40 | 3 | 2 | * | | | | | | | | | | | | | |
| | Tynemouth ... 108 | 998.4 | -4 | NE | 5 | c | 50 | 75 | 7 | 2 | - | - | 7.8 | 7.8 | 1500 | 999.0 | +6 | NE | 5 | c | 50 | 75 | 7 | 2 | - | - | 7.8 | 7.8 | 2500 | 1 | 51 | 47 | 44 | 4 | 2 | * | | | | | | | | | | | | | |
| 11 | St. Abbs Head ... 280 | 993.8 | -4 | NE | 4 | PR | 46 | 85 | 8 | 5 | - | - | 7.8 | 10 | 1500 | 1000.3 | +2 | NE | 4 | c | 43 | 85 | 8 | 8 | 3 | - | 7.8 | 9 | 4000 | 1 | 52 | 41 | 31 | - | Tr | 3.1 | | | | | | | | | | | | | |
| | Leuchars ... 36 | 1000.6 | -8 | NE | 0 | c | 44 | 85 | 8 | 5 | - | - | 7.8 | 7.8 | 4000 | 1001.3 | +4 | NE | 1 | c | 43 | 85 | 8 | 8 | 3 | - | 7.8 | 9 | 4000 | 1 | 52 | 40 | 34 | - | Tr | 5.2 | | | | | | | | | | | | | |
| 12 | Renfrew (Abbots L.) ... 19 | 1002.0 | -6 | NE | 0 | c | 43 | 85 | 7 | 5 | - | - | 9 | 9 | 4000 | 1002.5 | +4 | NE | 1 | c | 42 | 97 | 8 | 5 | 3 | - | 7.8 | 9 | 4000 | 1 | 52 | 40 | 34 | 3 | 0.1 | 4.1 | | | | | | | | | | | | | |
| | Eskdalemuir ... 794 | 993.3 | 0 | NE | 4 | bc | 49 | 85 | 8 | 8 | - | - | 2.3 | 2.3 | 2500 | 1000.4 | 0 | NE | 1 | bc | 41 | 85 | 8 | 8 | - | - | 2.3 | 4.6 | 1500 | 0 | 54 | 47 | 47 | - | - | 5.0 | | | | | | | | | | | | | |
| | Point of Ayre ... 30 | 993.3 | 0 | NE | 4 | bc | 49 | 85 | 8 | 8 | - | - | 2.3 | 2.3 | 2500 | 993.9 | +2 | ENE | 4 | bc | 48 | 85 | 8 | 8 | - | - | 4.6 | 4.6 | 1500 | 0 | 54 | 47 | 47 | - | - | 5.0 | | | | | | | | | | | | | |
| 13A | Tiree ... 22 | 995.9 | -8 | NE | 3 | c | 42 | 92 | 7 | 5 | - | - | 7.8 | 7.8 | 2500 | 1001.9 | 0 | NE | 3 | c | 48 | 75 | 8 | 8 | - | - | 7.8 | 7.8 | 1500 | 0 | 51 | 46 | 44 | - | - | 3.2 | | | | | | | | | | | | | |
| 13B | Stornoway ... 80 | 1005.9 | -8 | NE | 3 | c | 42 | 92 | 7 | 5 | - | - | 7.8 | 7.8 | 2500 | 1005.1 | +2 | NE | 2 | c | 43 | 92 | 8 | 5 | 7 | - | 9 | 9 | 2500 | 1 | 50 | 41 | 37 | 2 | Tr | 2.5 | | | | | | | | | | | | | |
| 15 | Dalwhinnie ... 1176 | 995.9 | -8 | NE | 3 | c | 42 | 92 | 7 | 5 | - | - | 7.8 | 7.8 | 2500 | 1005.1 | +2 | NE | 2 | c | 43 | 92 | 8 | 5 | 7 | - | 9 | 9 | 2500 | 1 | 50 | 41 | 37 | 2 | Tr | 2.5 | | | | | | | | | | | | | |
| | Aberdeen ... 79 | 995.9 | -8 | NE | 3 | c | 42 | 92 | 7 | 5 | - | - | 7.8 | 7.8 | 2500 | 1005.1 | +2 | NE | 2 | c | 43 | 92 | 8 | 5 | 7 | - | 9 | 9 | 2500 | 1 | 50 | 41 | 37 | 2 | Tr | 2.5 | | | | | | | | | | | | | |
| | Wick ... 81 | 1002.3 | -10 | NE | 4 | c | 48 | 85 | 7 | 8 | 7 | - | 7.8 | 10 | 1500 | 1002.5 | +6 | NE | 4 | c | 46 | 85 | 8 | 8 | 6 | - | 4.6 | 7.8 | 2500 | 1 | 49 | 45 | 45 | Tr | 0.1 | 5.5 | | | | | | | | | | | | | |
| | Lerwick ... 156 | 1030.8 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 16th October, 1939.

No. 28,452.

| OBSERVATIONS at 13h. G.M.T. 15th October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 15th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | |
|--|---|--|------------------------------------|----------------------------|----------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------------|---|---|--|----------------------------------|----------------------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------------|--|---|------------------------------|----------------------------|-------------|-----------------------|------------------------|----------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| DISTRICT. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | | | Height of Base. (feet) | Barom. at M.S.L. mb. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | | | Height of Base. (feet) | State of Ground. 0-9 | Sea. 0-9 | WEATHER. | | | | | | |
| | | | | Direc. | Force. 0-12 | | | | | Form. | Amount. | Low 0-10 | Total 0-10 | Form. | | | | Amount. | Low 0-10 | | | | | Total 0-10 | Form. | Amount. | Low 0-10 | Total 0-10 | | | | 7h.—13h. ...15h... | 13h.—18h. ...15h... | 18h.—15th ...15h... | 15th.—7h. ...15h... | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) | (20) | (21) | (22) | (23) | (24) | (25) | (26) | (27) | (28) | (29) | (30) | (37) | (38) | (39) | (40) | | | | | |
| 1 | London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton). Lympe ... Manston ... | 993.4 993.3 994.2 992.5 992.6 993.0 | +0 -6 -6 -6 -6 -2 | N N N N N N | 4 3 3 3 3 2 | bc bc bc bc bc bc | 50 51 49 51 51 54 | 92 97 85 92 97 92 | 8 3 6 6 6 5 | 6 - 6 6 6 6 | 2 - - 2 - 2 | - - - - - - | 7-8 10 9 10 10 7-8 | 10 10 10 800 220 450 | 1300 450 800 996.5 993.5 993.0 | +2.4 +2.2 +2.4 +2.3 +2.8 +4 | N N NW NW SW SE | 4 3 3 4 1 1 | bc RR RR bc bc c/p | 48 49 47 47 50 54 | 92 97 97 92 85 97 | 6 4 6 6 7 6 | 6 - 6 6 6 6 | 2 - - 2 - 1 | - - - - - - | 7-8 9 10 10 7-8 4-6 | 10 10 10 1500 1500 4000 | 800 450 450 1500 1500 4000 | 1 2 2 1 1 1 | 1 1 1 2 1 1 | * | * | * | * | bc bc bc bc bc bc | bc bc bc bc bc bc | bc bc bc bc bc bc | bc bc bc bc bc bc |
| 2 | Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ... | 994.1 994.4 997.0 996.3 995.2 | -2.0 -6 -4 -8 0 | N N N N N | 3 3 3 4 3 | bc bc bc bc bc | 55 54 54 51 50 | 97 85 92 92 92 | 6 6 6 6 6 | 6 - 6 - 5 | 2 - - 2 7 | - - - - - | 9 10 10 10 7-8 | 10 10 1500 2500 800 | 800 800 996.1 996.5 996.4 | +1.0 +1.6 +1.4 +1.0 +1.4 | NE NE NE NE N | 4 5 5 4 3 | bc bc bc bc bc | 54 53 52 49 47 | 97 92 92 97 97 | 6 6 6 6 6 | 6 - 6 - 2 | - - - - - | 9 10 10 10 7-8 | 10 10 1500 10 800 | 800 1500 1500 4000 800 | 1 1 1 1 1 | 1 4 1 1 1 | * | * | * | * | bc bc bc bc bc | bc bc bc bc bc | bc bc bc bc bc | bc bc bc bc bc | |
| 3 | Birmingham Upper Heyford | 998.3 996.4 | +4 0 | N N | 2 2 | bc bc | 48 48 | 92 97 | 5 6 | 6 - 2 | - - - | 9 10 | 450 450 | 1300 999.0 | +1.8 +1.8 | NNE NNE | 3 3 | bc RR | 47 47 | 92 92 | 5 6 | 6 - 2 | - - - | 9 10 | 800 450 | 800 450 | 1 1 | 1 1 | * | * | bc bc | bc bc | bc bc | bc bc | | | | |
| 4 | Ross-on-Wye ... | 997.1 | +4 | N | 4 | bc | 50 | 85 | 6 | 6 1 | - - | 9 10 | 1500 1500 | 1300 1300 | +1.4 +1.4 | NNE NNE | 3 3 | bc bc | 49 49 | 85 85 | 5 5 | 5 - - | - - - | 9 10 | 1500 1500 | 1500 1500 | 1 1 | 1 1 | * | * | bc bc | bc bc | bc bc | bc bc | | | | |
| 5 | Hartland Point Bristol ... Portland Bill Plymouth ... The Lizard Scilly (St. Mary's) Guernsey ... | 996.5 995.9 993.0 995.8 997.4 998.0 | +6 +6 +2 +6 +6 +1.4 | N N N N N N | 3 4 4 4 2 4 | bc bc bc bc bc bc | 52 50 50 56 56 56 | 85 92 92 75 85 85 | 7 5 5 7 7 8 | 6 5 2 5 5 6 | - - - 6 6 - | - - - - - - | 9 10 10 9 7-8 4-6 | 1500 800 2500 4000 2500 1500 | 1300 1300 999.4 1000.9 1000.7 1001.9 | +2.4 +3.0 +3.0 +4.6 +1.6 +3.0 | NE NNE NW N N NNW | 3 3 3 3 2 4 | bc bc bc bc bc bc | 51 49 51 53 51 52 | 85 85 85 85 92 92 | 7 8 8 6 6 8 | 8 - - | | | | | | | | | | | | | | | |

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

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, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s/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 exist-
ing weather from preceding con-
ditions thus:—bc/r, fair weather
after rain; —, has decreased;
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD

- 0 No low clouds.
- 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.

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.

Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.

An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.

"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.

"9+" signifies an overcast sky with a few small openings.

& Saa disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM,
CLOUD.

- 0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or
 Nimbostratus (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.

Cloud form abbreviations:—

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

COLUMN 29 —STATE OF GROUND.

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

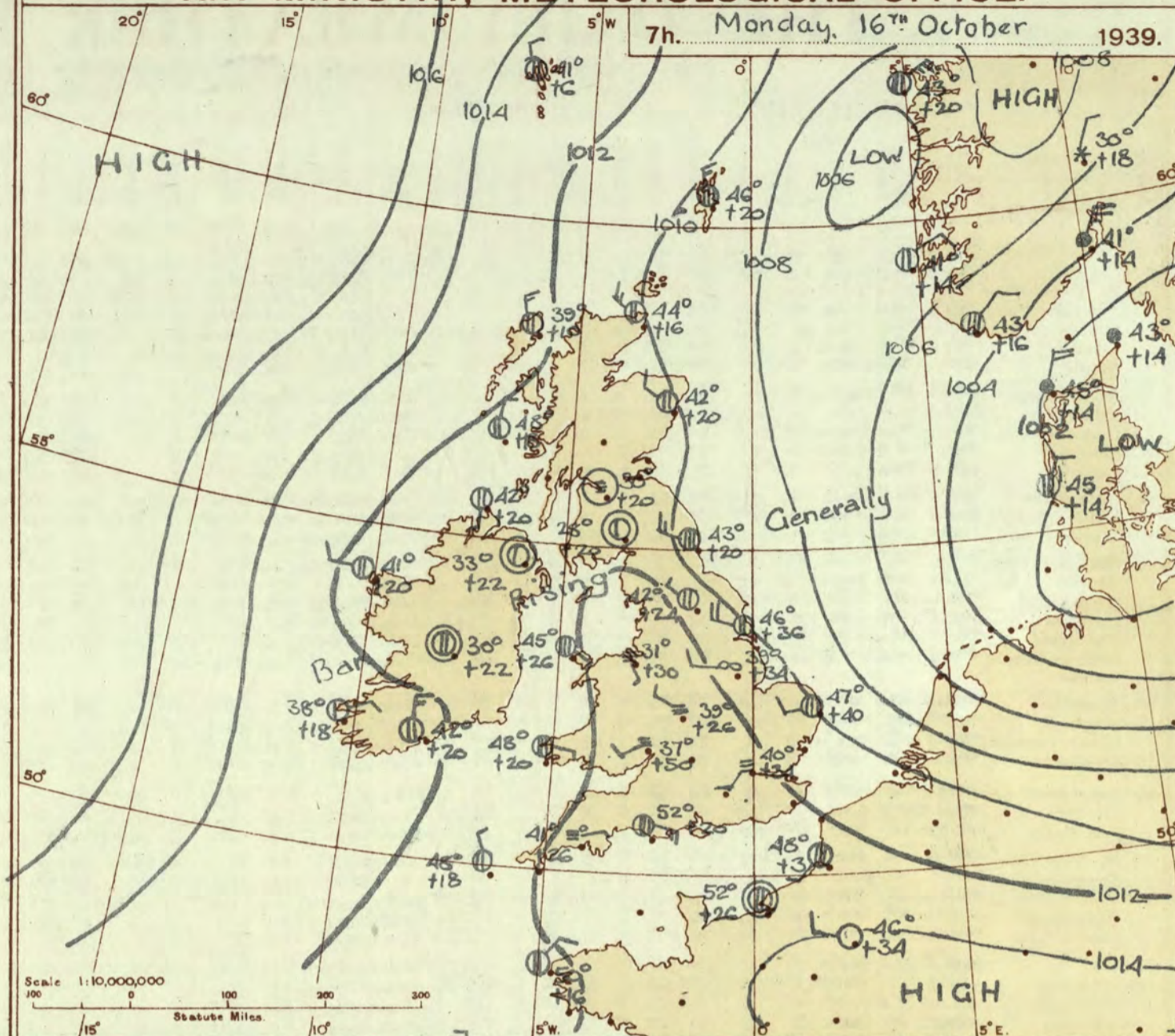
COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

- CLOUD.**
- 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 Ce predominating, and a little cirrus.
- (Ce may occur with any of the types 1 to 8).

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday, 16th October 1939.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th October, 1939.

| | |
|-------------------------------------|---|
| 1 S.E. England | Light variable wind; mainly fair; local showers in coastal areas; local fog night and morning; rather cold, frost at night. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Light variable wind, becoming southeast to east, moderate; mainly fair; local showers in coastal areas; local fog night and morning; rather cold, frost at night. |
| 6 South Wales ... | |
| 7 North Wales ... | As 1 - 4. |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A.W.Scotld. B.N.W.Scotland. | |
| 14 Mid Scotland | |
| 15 N.E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N.W. Ireland | |
| 18 N.E. Ireland | |
| 19 S.E. Ireland | |
| 20 S.W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A ridge of high pressure is developing over the British Isles. There will be bright intervals in all districts and local showers, chiefly in coastal areas. Fog will occur locally night and morning.

FURTHER OUTLOOK.

Perhaps rain in the South.

Forecasts issued at 0930 G.M.T.

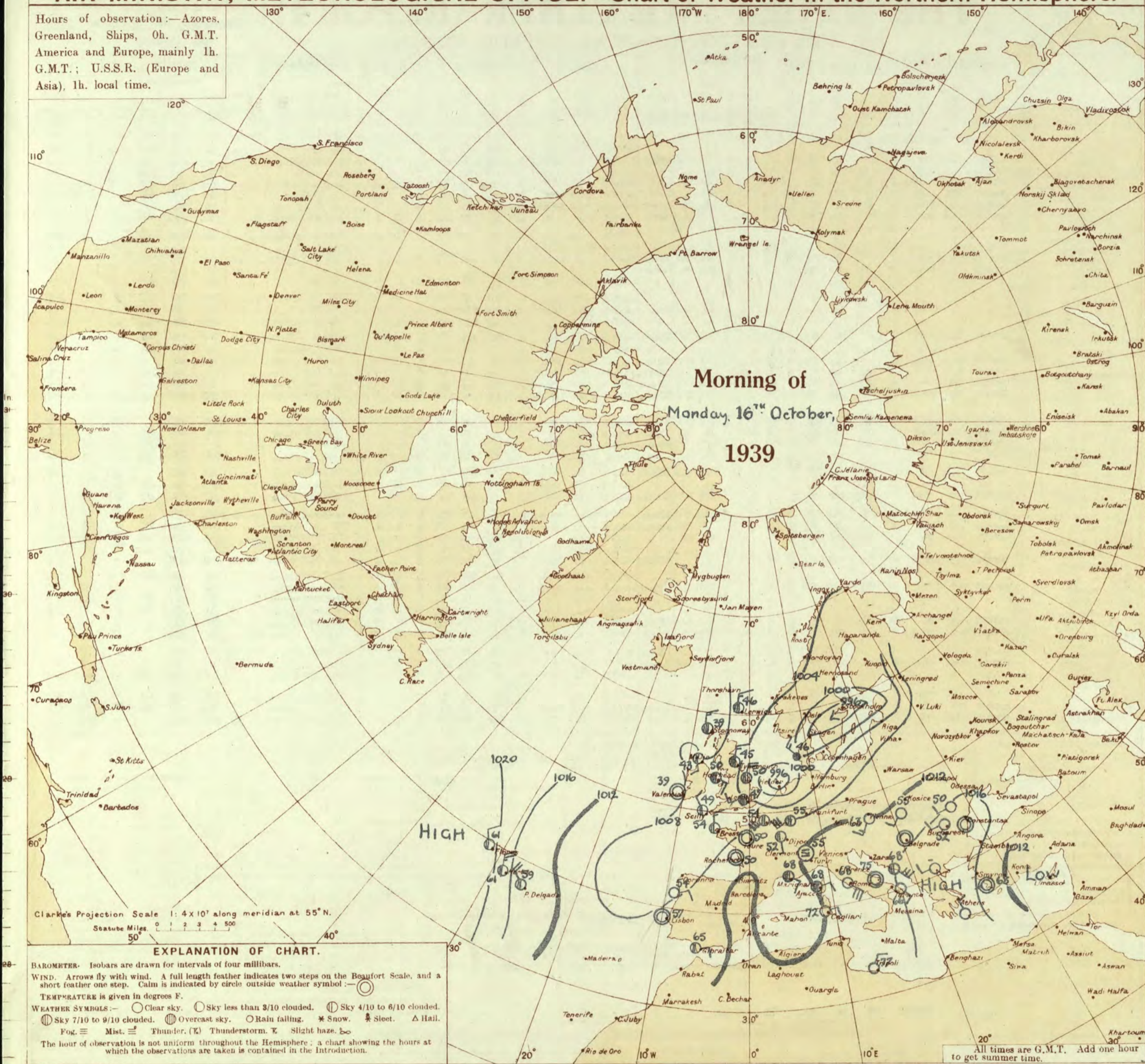
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H.M.S.O. Press Cornwall House, S.E.1

17/10/39 No. 108 D. and C. 3-5 5,38

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 17th October, 1939.
No. 28,453

[illegible]

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

b, blue sky (not more than a quarter covered with clouds).
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, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s/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). ↗gaic.
☉ Solar halo. ☾ Lunar halo. ☀Aurora.

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

A "solidus" divides actual exist-
ing weather from preceding con-
ditions thus:—bc/r, fair weather
after rain; —, has decreased;
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

- 0 No low clouds.
- 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.

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.

Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.

An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.

"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.

"9+" signifies an overcast sky with a few small openings.

† Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.
1 Typical As (thin).
2 Typical As (thick) (sun or moon invisible), or
Nimbostratus (Ns).
3 Single layer of Ac or high Sc.
4 Ac in isolated patches. Individually de-
creasing (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.

Cloud form abbreviations:—

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

COLUMN 29 —STATE OF GROUND

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

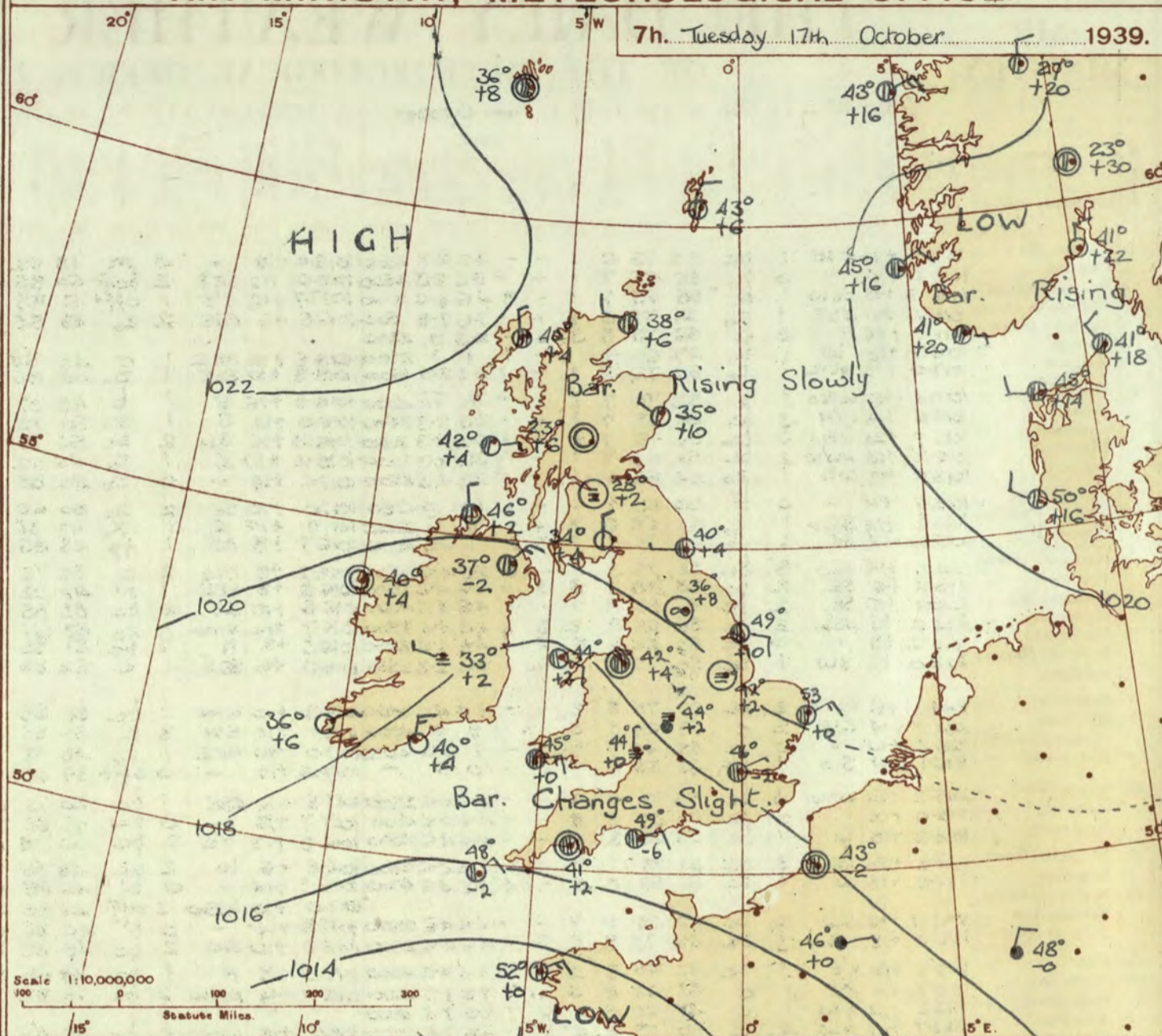
- 0 No cirriform cloud.
- 1 Fine Ci not increasing: sparse.
- 2 Fine Ci not increasing: abundant but not a continuous layer.
- 3 Anvil Ci (usually dense).
- 4 Fine Ci increasing: usually in tufts.
- 5 Ci or Cs increasing: still below 45° altitude: often in polar bands.
- 6 Ci or Cs increasing and reaching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

(Ce may occur with any of the types 1 to 8).

Note.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 17th October 1939.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th October, 1939. |
|--|---|
| 1 S.E. England | Wind east light or moderate. Cloudy, occasional local rain; average temperature. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | Wind east light or moderate. Mainly fair, but some local showers, perhaps with thunder. Average temperature. |
| 5 S.W. England | |
| 6 South Wales ... | |
| 7 North Wales ... | Wind light variable. Fair or fine apart from fog in many places at night. Average day temperature. Frost at night. |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A. W. Scotld. B.N.W.Scot- land. | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | As 4 - 6. |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A weak ridge of high pressure lies over Scotland and pressure is low over Portugal. Apart from local fog in the morning the weather will be fair in Northern Districts, but in the South there will be local rain with perhaps thunder in places in the West.

FURTHER OUTLOOK.

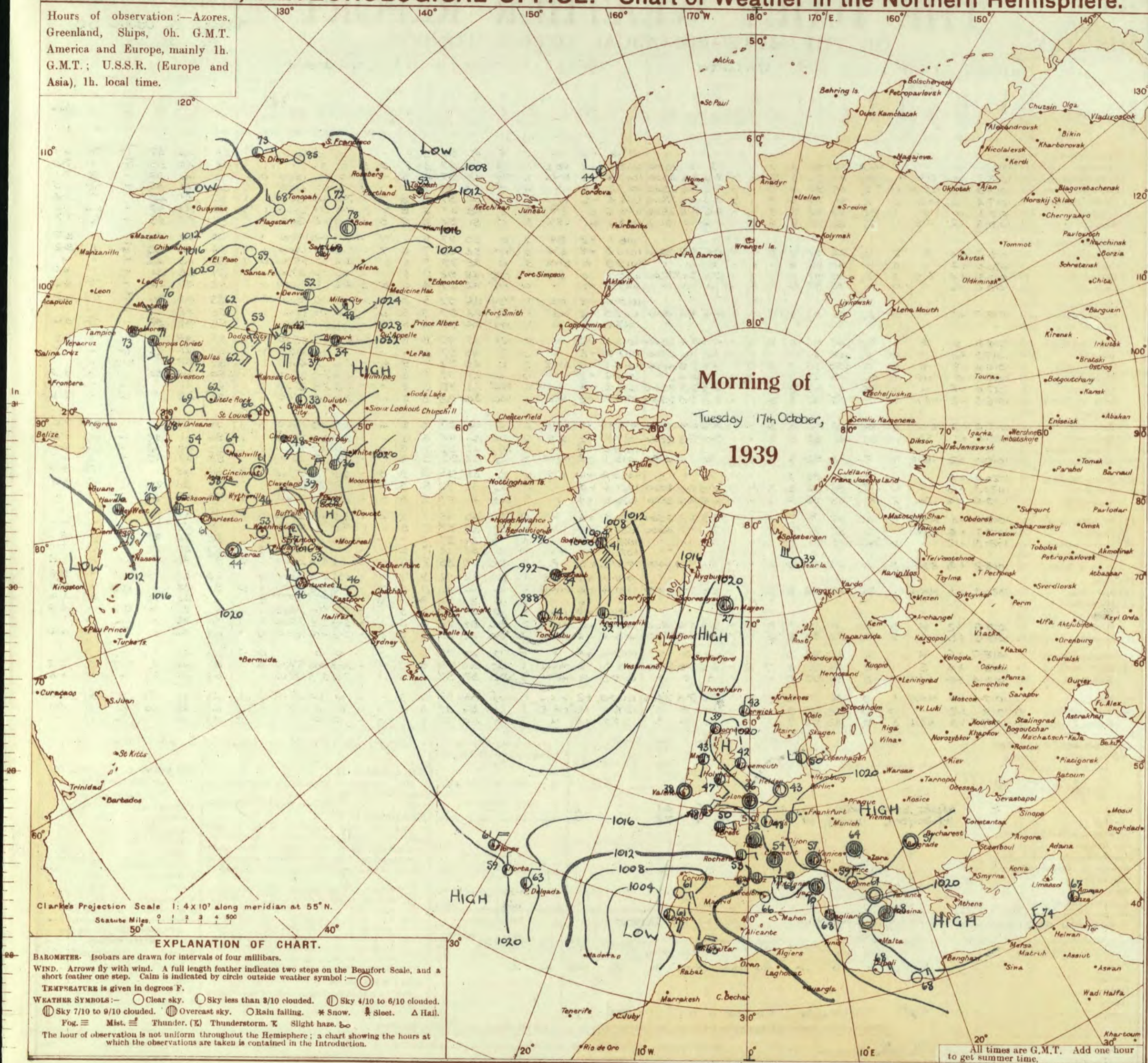
Little change.

Forecasts issued at
H.M.S.O. Press, Cornwall House, S.E.1

N. K. JOHNSON. D.Sc., A.R.C.S.,
Director.

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 17th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 17th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|---------|------------------------|---|-----------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|---------|------------------------|------|------------------|----------------|--------------|---------------------|-----------------------|-------------------|----------------|------------------|---------------|-----|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | State of Ground. | Sea. | TEMPERATURE. | | RAINFALL. | | SUNSHINE. | | | | | | | | | | | | | | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | | | | | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. | Sunshine Hrs. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) ... | 18 | 1018.7 | 0 | * | 0 | 4pr | 46 | 97 | 5 | * | * | * | * | 1017.8 | -4 | NE | 1 | f | 49 | 92 | 2 | * | * | 10 | 10 | 1500 | 1 | * | 55 | 45 | 37 | Tr | Tr | 6.1 | | | | | | | | | | | | |
| | Croydon ... | 217 | 1018.3 | 0 | E | 2 | 4pr | 46 | 97 | 5 | * | * | 2500 | 1018.0 | -2 | NE | 1 | f | 46 | 97 | 3 | * | * | 10 | 10 | 1500 | 1 | * | 58 | 40 | 39 | Tr | Tr | 7.5 | | | | | | | | | | | | | |
| | S. Farnborough ... | 226 | 1018.3 | 0 | E | 2 | 4pr | 46 | 97 | 5 | * | * | 2500 | 1017.4 | -2 | NE | 1 | f | 46 | 97 | 3 | * | * | 10 | 10 | 1500 | 1 | * | 58 | 40 | 39 | Tr | Tr | 7.1 | | | | | | | | | | | | | |
| | Boscombe Down ... | 417 | 1017.9 | +2 | NE | 1 | 4pr | 45 | 97 | 6 | * | * | 2500 | 1017.2 | -2 | NE | 1 | f | 42 | 97 | 2 | * | * | 10 | 10 | 1500 | 1 | * | 54 | 41 | 39 | Tr | Tr | 5.5 | | | | | | | | | | | | | |
| | Calshot (St. Mary's) ... | 8 | 1017.4 | -2 | NE | 1 | 4pr | 51 | 92 | 5 | * | * | 2500 | 1016.4 | -6 | NE | 1 | f | 50 | 97 | 5 | * | * | 10 | 10 | 1500 | 1 | * | 57 | 47 | 46 | Tr | Tr | 5.4 | | | | | | | | | | | | | |
| | Lymington ... | 346 | 1019.3 | 0 | E | 2 | 4pr | 49 | 92 | 7 | * | * | 2500 | 1018.6 | 0 | NE | 1 | f | 49 | 97 | 6 | * | * | 10 | 10 | 1500 | 1 | * | 59 | 43 | 37 | Tr | Tr | 7.0 | | | | | | | | | | | | | |
| | Manston ... | 154 | 1019.5 | +2 | NE | 1 | 4pr | 52 | 92 | 6 | * | * | 1500 | 1018.5 | 0 | SE | 1 | f | 51 | 92 | 6 | * | * | 10 | 10 | 1500 | 1 | * | 56 | 46 | 33 | Tr | Tr | 7.7 | | | | | | | | | | | | | |
| 2 | Shoeburyness ... | 11 | 1019.3 | +4 | E | 2 | 4pr | 46 | 92 | 6 | * | * | 2500 | 1018.1 | +2 | SE | 2 | c | 53 | 97 | 6 | 1 | 7 | 1 | 7-8 | 1500 | 1 | * | 59 | 40 | 33 | Tr | Tr | 8.7 | | | | | | | | | | | | | |
| | Felixstowe ... | 15 | 1019.3 | +4 | E | 2 | 4pr | 46 | 92 | 6 | * | * | 2500 | 1018.2 | -6 | SE | 2 | c | 54 | 85 | 7 | 6 | 7 | 1 | 7-8 | 1500 | 1 | 2 | 54 | 44 | 38 | Tr | Tr | 9.2 | | | | | | | | | | | | | |
| | Gorleston ... | 5 | 1020.0 | +4 | E | 2 | 4pr | 43 | 85 | 6 | * | * | 2500 | 1019.9 | 0 | SE | 2 | c | 53 | 75 | 7 | 5 | 1 | 1 | 7-8 | 2500 | 0 | 1 | 56 | 43 | 42 | Tr | Tr | 8.7 | | | | | | | | | | | | | |
| | Mildenhall ... | 19 | 1019.5 | +4 | E | 2 | 4pr | 39 | 97 | 6 | * | * | 17200 | 1019.1 | 0 | E | 1 | 10 | 46 | 92 | 5 | 5 | 1 | 1 | 10 | 10 | 10 | 1 | 57 | 38 | 31 | Tr | Tr | 8.7 | | | | | | | | | | | | | |
| | Cranwell ... | 240 | 1019.6 | +10 | E | 2 | 4pr | 35 | 97 | 4 | * | * | 2500 | 1019.7 | +2 | E | 2 | 10 | 42 | 97 | 4 | 5 | 5 | 9 | 4-6 | 9 | 4000 | 0 | * | 56 | 35 | 30 | Tr | Tr | 8.8 | | | | | | | | | | | | |
| 3 | Birmingham ... | 535 | 1018.7 | +2 | E | 2 | 4pr | 45 | 92 | 5 | * | * | 2500 | 1018.4 | +2 | NE | 1 | 7-10 | 44 | 92 | 3 | 9 | 1 | 1 | 10 | 10 | 800 | 1 | * | 55 | 43 | 36 | Tr | Tr | 9.2 | | | | | | | | | | | | |
| | Upper Heyford ... | 408 | 1018.7 | +2 | E | 2 | 4pr | 45 | 92 | 5 | * | * | 2500 | 1018.3 | -2 | NE | 1 | 7-10 | 44 | 92 | 3 | 9 | 1 | 1 | 10 | 10 | 800 | 1 | * | 59 | 42 | 32 | Tr | Tr | 9.2 | | | | | | | | | | | | |
| 4 | Ross-on-Wye ... | 223 | 1018.7 | +2 | E | 2 | 4pr | 45 | 92 | 5 | * | * | 2500 | 1017.6 | 0 | NE | 1 | 7-10 | 44 | 92 | 3 | 9 | 1 | 1 | 10 | 10 | 800 | 1 | * | 55 | 41 | 36 | Tr | Tr | 9.0 | | | | | | | | | | | | |
| 5 | Hartland Point ... | 299 | 1016.8 | 0 | E | 2 | 4pr | 47 | 85 | 8 | * | * | 2500 | 1016.5 | +2 | E | 2 | cl | 47 | 85 | 8 | 8 | 4 | 1 | 4-6 | 7-8 | 2500 | 1 | 2 | 55 | 45 | 41 | Tr | Tr | 8.2 | | | | | | | | | | | | |
| | Bristol ... | 209 | 1017.9 | +2 | E | 2 | 4pr | 46 | 97 | 3 | * | * | 2500 | 1017.5 | -2 | E | 2 | cl | 45 | 97 | 3 | 1 | 1 | 1 | 10 | 10 | 1500 | 1 | 2 | 57 | 41 | 35 | Tr | Tr | 5.4 | | | | | | | | | | | | |
| | Portland Bill ... | 32 | 1016.4 | -2 | E | 2 | 4pr | 50 | 92 | 7 | * | * | 4000 | 1016.1 | -6 | ENE | 2 | c | 49 | 97 | 7 | 5 | 4 | 1 | 4-6 | 9 | 4000 | 0 | 1 | 57 | 43 | 34 | Tr | Tr | 8.9 | | | | | | | | | | | | |
| | Plymouth ... | 82 | 1017.1 | 0 | NE | 1 | 4pr | 43 | 85 | 7 | * | * | 2500 | 1016.6 | +2 | E | 2 | c | 41 | 97 | 7 | 5 | 3 | 1 | 4-6 | 7-8 | 2500 | 0 | 1 | 60 | 40 | 34 | Tr | Tr | 9.9 | | | | | | | | | | | | |
| | The Lizard ... | 240 | 1017.0 | +4 | N | 2 | 4pr | 47 | 92 | 8 | * | * | 2500 | 1016.2 | -8 | N | 2 | bc | 46 | 85 | 8 | 8 | 1 | 1 | 2-3 | 2-3 | 2500 | 1 | 1 | 60 | 44 | 34 | Tr | Tr | 8.0 | | | | | | | | | | | | |
| | Scilly (St. Mary's) ... | 163 | 1016.5 | -2 | NE | 2 | 4pr | 48 | 92 | 8 | * | * | 2500 | 1015.7 | -2 | NE | 2 | bc | 48 | 92 | 8 | 2 | 1 | 1 | 2-3 | 2-3 | 1500 | 0 | 1 | 59 | 45 | 34 | Tr | Tr | 8.0 | | | | | | | | | | | | |
| | Guernsey ... | 175 | 1016.5 | -2 | NE | 2 | 4pr | 48 | 92 | 8 | * | * | 2500 | 1015.7 | -2 | NE | 2 | bc | 48 | 92 | 8 | 2 | 1 | 1 | 2-3 | 2-3 | 1500 | 0 | 1 | 59 | 45 | 34 | Tr | Tr | 8.0 | | | | | | | | | | | | |
| 6 | Pembroke ... | 142 | 1017.6 | +2 | ENE | 2 | 4pr | 45 | 97 | 8 | * | * | 1500 | 1017.1 | 0 | ENE | 3 | c | 45 | 97 | 8 | 8 | 6 | 1 | 4-6 | 7-8 | 1500 | 1 | 1 | 56 | 42 | 34 | Tr | Tr | 7.0 | | | | | | | | | | | | |
| 7 | Holyhead ... | 26 | 1017.4 | +2 | SE | 1 | 4pr | 47 | 85 | 8 | * | * | 2500 | 1017.7 | +2 | E | 2 | bc | 44 | 97 | 8 | 8 | 1 | 1 | 2-3 | 2-3 | 2500 | 1 | 1 | 54 | 41 | 32 | Tr | Tr | 6.0 | | | | | | | | | | | | |
| | Chester (Sealand) ... | 16 | 1017.4 | +2 | SE | 1 | 4pr | 47 | 85 | 8 | * | * | 2500 | 1017.0 | +2 | E | 2 | bc | 44 | 97 | 8 | 8 | 1 | 1 | 2-3 | 2-3 | 2500 | 1 | 1 | 54 | 41 | 32 | Tr | Tr | 6.0 | | | | | | | | | | | | |
| 8 | Manchester ... | 70 | 1019.0 | +2 | NE | 1 | 4pr | 38 | 92 | 1 | * | * | 2500 | 1019.1 | -2 | NNE | 3 | cl | 42 | 92 | 3 | 8 | 1 | 1 | 10 | 10 | 2500 | 1 | * | 58 | 37 | 29 | Tr | Tr | 3.5 | | | | | | | | | | | | |
| 10 | Spurn Head ... | 29 | 1020.0 | +6 | E | 2 | 4pr | 47 | 85 | 5 | * | * | 2500 | 1020.6 | +10 | E | 2 | c | 49 | 85 | 5 | 9 | 9 | 1 | 2-3 | 7-8 | 2500 | 1 | 0 | 56 | 45 | 34 | Tr | Tr | 7.7 | | | | | | | | | | | | |
| | Catterick ... | 175 | 1020.3 | +8 | E | 2 | 4pr | 38 | 92 | 5 | * | * | 4000 | 1021.4 | +8 | E | 2 | c | 36 | 92 | 5 | 9 | 9 | 1 | 9 | 9 | 4000 | 1 | * | 57 | 34 | 29 | Tr | Tr | 9.1 | | | | | | | | | | | | |
| | Tynemouth ... | 108 | 1019.6 | +6 | SW | 2 | 4pr | 42 | 88 | 6 | * | * | 2500 | 1020.8 | +4 | N | 1 | bc | 40 | 97 | 3 | 8 | 1 | 1 | 4-6 | 4-6 | 1500 | 1 | 1 | 53 | 39 | 32 | Tr | Tr | 7.7 | | | | | | | | | | | | |
| 11 | St. Abbs Head ... | 280 | 1019.5 | +4 | WNW | 1 | 4pr | 47 | 75 | 7 | * | * | 2500 | 1021.3 | +8 | E | 2 | bc | 46 | 85 | 7 | 2 | 4 | 1 | 2-3 | 4-6 | 2500 | 0 | 1 | 51 | 44 | 34 | Tr | Tr | 7.6 | | | | | | | | | | | | |
| | Leuchars ... | 36 | 1019.7 | +6 | WNW | 1 | 4pr | 35 | 92 | 7 | * | * | 4000 | 1021.4 | +10 | E | 2 | bc | 32 | 97 | 7 | 8 | 1 | 1 | Tr | Tr | 4000 | 1 | * | 51 | 31 | 21 | Tr | Tr | 7.6 | | | | | | | | | | | | |
| 12 | Renfrew (Abbots I.) ... | 19 | 1020.3 | +12 | E | 2 | 4pr | 29 | 97 | 2 | * | * | 2500 | 1021.2 | +2 | E | 2 | bc | 28 | 97 | 1 | 1 | 1 | 1 | 10 | 10 | 1500 | 1 | * | 54 | 28 | 27 | Tr | Tr | 5.4 | | | | | | | | | | | | |
| | Eskdalemuir ... | 794 | 1018.2 | +8 | ESE | 3 | 4pr | 47 | 85 | 8 | * | * | 4000 | 1021.1 | +4 | NW | 1 | bc | 34 | 92 | 7 | 5 | 1 | 1 | 1 | 1 | 1500 | 3 | 2 | 52 | 29 | 21 | Tr | Tr | 7.0 | | | | | | | | | | | | |
| | Point of Ayre ... | 30 | 1018.2 | +8 | ESE | 3 | 4pr | 47 | 85 | 8 | * | * | 4000 | 1018.8 | +2 | E | 3 | bc | 49 | 85 | 7 | 5 | 1 | 1 | 5 | 2-3 | 4-6 | 2500 | 0 | 2 | 57 | 40 | 34 | Tr | Tr | 5.5 | | | | | | | | | | | |
| 13A | Tiree ... | 22 | 1020.3 | +8 | WNW | 1 | 4pr | 39 | 92 | 8 | * | * | 4000 | 1021.4 | +4 | WNW | 1 | c | 40 | 85 | 9 | 5 | 7 | 1 | 2-3 | 7-8 | 4000 | 1 | 0 | 52 | 38 | 28 | Tr | Tr | 6.0 | | | | | | | | | | | | |
| 13B | Stornoway ... | 80 | 1020.3 | +8 | WNW | 1 | 4pr | 39 | 92 | 8 | * | * | 4000 | 1021.4 | +4 | WNW | 1 | c | 40 | 85 | 9 | 5 | 7 | 1 | 2-3 | 7-8 | 4000 | 1 | 0 | 52 | 38 | 28 | Tr | Tr | 6.0 | | | | | | | | | | | | |
| 15 | Dalwhinnie ... | 1176 | 1019.5 | +2 | W | 3 | 4pr | 41 | 92 | 7 | * | * | 1500 | 1021.3 | +10 | WNW | 1 | b | 23 | 92 | 3 | 6 | 1 | 1 | Tr | Tr | 2500 | 1 | 1 | 51 | 35 | 30 | Tr | Tr | 4.6 | | | | | | | | | | | | |
| | Aberdeen ... | 79 | 1019.5 | +2 | W | 3 | 4pr | 41 | 92 | 7 | * | * | 1500 | 1020.8 | +6 | WNW | 2 | bc | 38 | 92 | 8 | 5 | 1 | 1 | 2-3 | 2-3 | 2500 | 1 | 1 | 51 | 36 | 30 | Tr | Tr | 4.6 | | | | | | | | | | | | |
| | Wick ... | 81 | 1019.5 | +2 | W | 3 | 4pr | 41 | 92 | 7 | * | * | 1500 | 1021.1 | +6 | NNE | 2 | bc | 43 | 85 | 8 | 5 | 3 | 1 | 4-6 | 4-6 | 1500 | 0 | * | 49 | 42 | 34 | Tr | Tr | 0.0 | | | | | | | | | | | | |
| 16 | Lerwick ... | 156 | 1019.5 | +24 | N | 2 | 4pr | 43 | 85 | 8 | * | * | 1500 | 1021.1 | +6 | NNE | 2 | bc | 43 | 85 | 8 | 5 | 3 | 1 | 4-6 | 4-6 | 1500 | 0 | * | 49 | 42 | 34 | Tr | Tr | 0.0 | | | | | | | | | | | | |
| 17 | Blacksod Point ... | 18 | 1018.7 | +6 | W | 1 | 4pr | 42 | 97 | 8 | * | * | 2500 | 1019.4 | +4 | E | 2 | bc | 40 | 92 | 8 | 1 | 1 | 1 | 0 | 0 | 2500 | 0 | 1 | 55 | 39 | 34 | Tr | Tr | | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday, 18th October, 1939.
No. 28,454.

OBSERVATIONS at 13h. G.M.T. 17th October

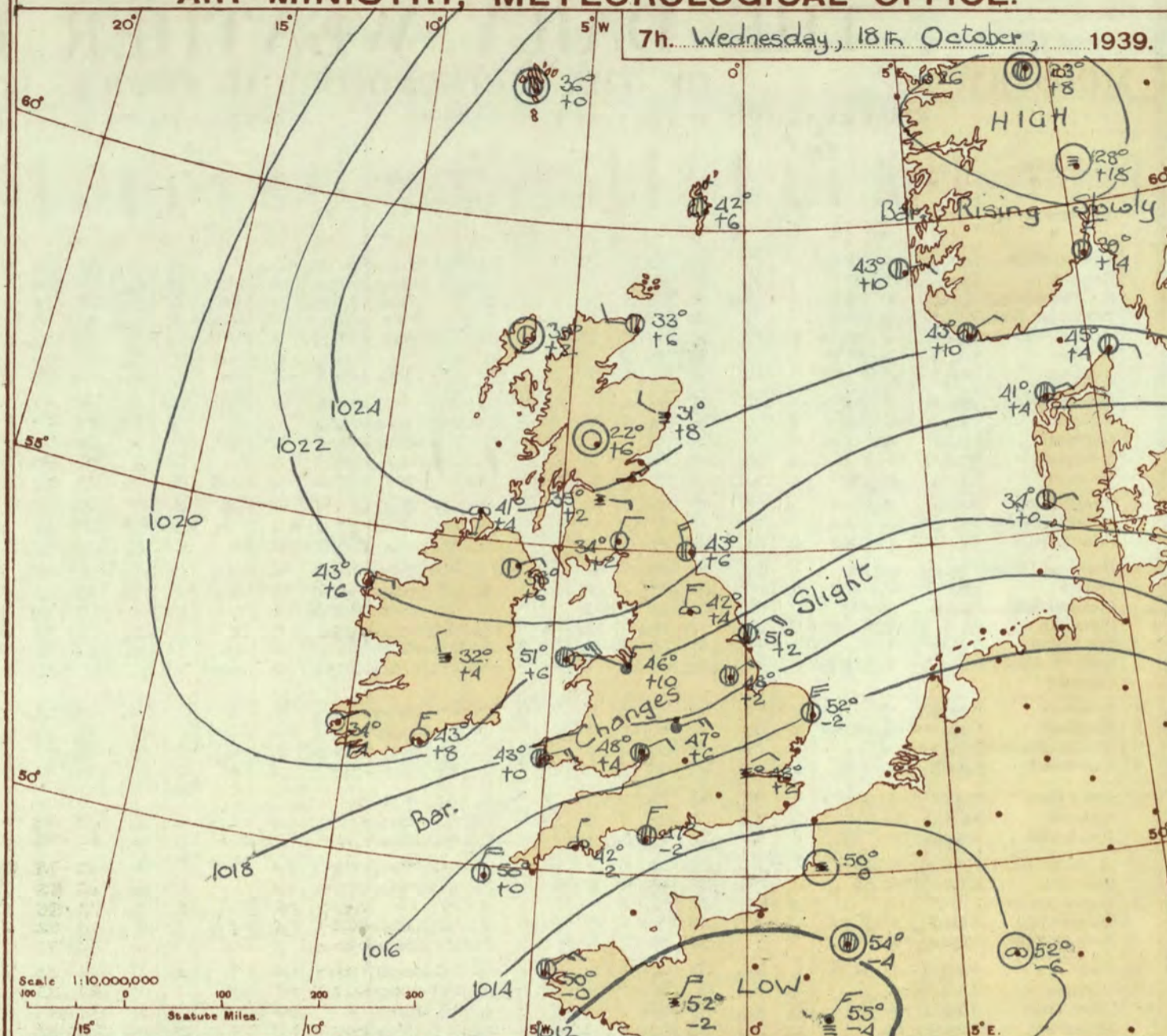
OBSERVATIONS at 18h. G.M.T. 17th October

PAST 24 HOURS.

| District. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | | Barom. at M.S.L. (29) | Change in 3 hours. (30) | Wind. | | Weather. | Temp. °F. (34) | Humid. % (35) | Visibility. 0-9 (36) | Cloud. | | | | | Barom. at M.S.L. (40) | Change in 3 hours. (41) | Wind. | | Weather. | Temp. °F. (44) | Humid. % (45) | Visibility. 0-9 (46) | Cloud. | | | | | Barom. at M.S.L. (49) | Change in 3 hours. (50) | Wind. | | Weather. | Temp. °F. (54) | Humid. % (55) | Visibility. 0-9 (56) | Cloud. | | | | | Barom. at M.S.L. (59) | Change in 3 hours. (60) | Wind. | | Weather. | Temp. °F. (64) | Humid. % (65) | Visibility. 0-9 (66) | Cloud. | | | | | Barom. at M.S.L. (69) | Change in 3 hours. (70) | Wind. | | Weather. | Temp. °F. (74) | Humid. % (75) | Visibility. 0-9 (76) | Cloud. | | | | | Barom. at M.S.L. (79) | Change in 3 hours. (80) | Wind. | | Weather. | Temp. °F. (84) | Humid. % (85) | Visibility. 0-9 (86) | Cloud. | | | | | Barom. at M.S.L. (89) | Change in 3 hours. (90) | Wind. | | Weather. | Temp. °F. (94) | Humid. % (95) | Visibility. 0-9 (96) | Cloud. | | | | | Barom. at M.S.L. (99) | Change in 3 hours. (100) | Wind. | | Weather. | Temp. °F. (104) | Humid. % (105) | Visibility. 0-9 (106) | Cloud. | | | | | Barom. at M.S.L. (109) | Change in 3 hours. (110) | Wind. | | Weather. | Temp. °F. (114) | Humid. % (115) | Visibility. 0-9 (116) | Cloud. | | | | | Barom. at M.S.L. (119) | Change in 3 hours. (120) | Wind. | | Weather. | Temp. °F. (124) | Humid. % (125) | Visibility. 0-9 (126) | Cloud. | | | | | Barom. at M.S.L. (129) | Change in 3 hours. (130) | Wind. | | Weather. | Temp. °F. (134) | Humid. % (135) | Visibility. 0-9 (136) | Cloud. | | | | | Barom. at M.S.L. (139) | Change in 3 hours. (140) | Wind. | | Weather. | Temp. °F. (144) | Humid. % (145) | Visibility. 0-9 (146) | Cloud. | | | | | Barom. at M.S.L. (149) | Change in 3 hours. (150) | Wind. | | Weather. | Temp. °F. (154) | Humid. % (155) | Visibility. 0-9 (156) | Cloud. | | | | | Barom. at M.S.L. (159) | Change in 3 hours. (160) | Wind. | | Weather. | Temp. °F. (164) | Humid. % (165) | Visibility. 0-9 (166) | Cloud. | | | | | Barom. at M.S.L. (169) | Change in 3 hours. (170) | Wind. | | Weather. | Temp. °F. (174) | Humid. % (175) | Visibility. 0-9 (176) | Cloud. | | | | | Barom. at M.S.L. (179) | Change in 3 hours. (180) | Wind. | | Weather. | Temp. °F. (184) | Humid. % (185) | Visibility. 0-9 (186) | Cloud. | | | | | Barom. at M.S.L. (189) | Change in 3 hours. (190) | Wind. | | Weather. | Temp. °F. (194) | Humid. % (195) | Visibility. 0-9 (196) | Cloud. | | | | | Barom. at M.S.L. (199) | Change in 3 hours. (200) | Wind. | | Weather. | Temp. °F. (204) | Humid. % (205) | Visibility. 0-9 (206) | Cloud. | | | | | Barom. at M.S.L. (209) | Change in 3 hours. (210) | Wind. | | Weather. | Temp. °F. (214) | Humid. % (215) | Visibility. 0-9 (216) | Cloud. | | | | | Barom. at M.S.L. (219) | Change in 3 hours. (220) | Wind. | | Weather. | Temp. °F. (224) | Humid. % (225) | Visibility. 0-9 (226) | Cloud. | | | | | Barom. at M.S.L. (229) | Change in 3 hours. (230) | Wind. | | Weather. | Temp. °F. (234) | Humid. % (235) | Visibility. 0-9 (236) | Cloud. | | | | | Barom. at M.S.L. (239) | Change in 3 hours. (240) | Wind. | | Weather. | Temp. °F. (244) | Humid. % (245) | Visibility. 0-9 (246) | Cloud. | | | | | Barom. at M.S.L. (249) | Change in 3 hours. (250) | Wind. | | Weather. | Temp. °F. (254) | Humid. % (255) | Visibility. 0-9 (256) | Cloud. | | | | | Barom. at M.S.L. (259) | Change in 3 hours. (260) | Wind. | | Weather. | Temp. °F. (264) | Humid. % (265) | Visibility. 0-9 (266) | Cloud. | | | | | Barom. at M.S.L. (269) | Change in 3 hours. (270) | Wind. | | Weather. | Temp. °F. (274) | Humid. % (275) | Visibility. 0-9 (276) | Cloud. | | | | | Barom. at M.S.L. (279) | Change in 3 hours. (280) | Wind. | | Weather. | Temp. °F. (284) | Humid. % (285) | Visibility. 0-9 (286) | Cloud. | | | | | Barom. at M.S.L. (289) | Change in 3 hours. (290) | Wind. | | Weather. | Temp. °F. (294) | Humid. % (295) | Visibility. 0-9 (296) | Cloud. | | | | | Barom. at M.S.L. (299) | Change in 3 hours. (300) | Wind. | | Weather. | Temp. °F. (304) | Humid. % (305) | Visibility. 0-9 (306) | Cloud. | | | | | Barom. at M.S.L. (309) | Change in 3 hours. (310) | Wind. | | Weather. | Temp. °F. (314) | Humid. % (315) | Visibility. 0-9 (316) | Cloud. | | | | | Barom. at M.S.L. (319) | Change in 3 hours. (320) | Wind. | | Weather. | Temp. °F. (324) | Humid. % (325) | Visibility. 0-9 (326) | Cloud. | | | | | Barom. at M.S.L. (329) | Change in 3 hours. (330) | Wind. | | Weather. | Temp. °F. (334) | Humid. % (335) | Visibility. 0-9 (336) | Cloud. | | | | | Barom. at M.S.L. (339) | Change in 3 hours. (340) | Wind. | | Weather. | Temp. °F. (344) | Humid. % (345) | Visibility. 0-9 (346) | Cloud. | | | | | Barom. at M.S.L. (349) | Change in 3 hours. (350) | Wind. | | Weather. | Temp. °F. (354) | Humid. % (355) | Visibility. 0-9 (356) | Cloud. | | | | | Barom. at M.S.L. (359) | Change in 3 hours. (360) | Wind. | | Weather. | Temp. °F. (364) | Humid. % (365) | Visibility. 0-9 (366) | Cloud. | | | | | Barom. at M.S.L. (369) | Change in 3 hours. (370) | Wind. | | Weather. | Temp. °F. (374) | Humid. % (375) | Visibility. 0-9 (376) | Cloud. | | | | | Barom. at M.S.L. (379) | Change in 3 hours. (380) | Wind. | | Weather. | Temp. °F. (384) | Humid. % (385) | Visibility. 0-9 (386) | Cloud. | | | | | Barom. at M.S.L. (389) | Change in 3 hours. (390) | Wind. | | Weather. | Temp. °F. (394) | Humid. % (395) | Visibility. 0-9 (396) | Cloud. | | | | | Barom. at M.S.L. (399) | Change in 3 hours. (400) | Wind. | | Weather. | Temp. °F. (404) | Humid. % (405) | Visibility. 0-9 (406) | Cloud. | | | | | Barom. at M.S.L. (409) | Change in 3 hours. (410) | Wind. | | Weather. | Temp. °F. (414) | Humid. % (415) | Visibility. 0-9 (416) | Cloud. | | | | | Barom. at M.S.L. (419) | Change in 3 hours. (420) | Wind. | | Weather. | Temp. °F. (424) | Humid. % (425) | Visibility. 0-9 (426) | Cloud. | | | | | Barom. at M.S.L. (429) | Change in 3 hours. (430) | Wind. | | Weather. | Temp. °F. (434) | Humid. % (435) | Visibility. 0-9 (436) | Cloud. | | | | | Barom. at M.S.L. (439) | Change in 3 hours. (440) | Wind. | | Weather. | Temp. °F. (444) | Humid. % (445) | Visibility. 0-9 (446) | Cloud. | | | | | Barom. at M.S.L. (449) | Change in 3 hours. (450) | Wind. | | Weather. | Temp. °F. (454) | Humid. % (455) | Visibility. 0-9 (456) | Cloud. | | | | | Barom. at M.S.L. (459) | Change in 3 hours. (460) | Wind. | | Weather. | Temp. °F. (464) | Humid. % (465) | Visibility. 0-9 (466) | Cloud. | | | | | Barom. at M.S.L. (469) | Change in 3 hours. (470) | Wind. | | Weather. | Temp. °F. (474) | Humid. % (475) | Visibility. 0-9 (476) | Cloud. | | | | | Barom. at M.S.L. (479) | Change in 3 hours. (480) | Wind. | | Weather. | Temp. °F. (484) | Humid. % (485) | Visibility. 0-9 (486) | Cloud. | | | | | Barom. at M.S.L. (489) | Change in 3 hours. (490) | Wind. | | Weather. | Temp. °F. (494) | Humid. % (495) | Visibility. 0-9 (496) | Cloud. | | | | | Barom. at M.S.L. (499) | Change in 3 hours. (500) | Wind. | | Weather. | Temp. °F. (504) | Humid. % (505) | Visibility. 0-9 (506) | Cloud. | | | | | Barom. at M.S.L. (509) | Change in 3 hours. (510) | Wind. | | Weather. | Temp. °F. (514) | Humid. % (515) | Visibility. 0-9 (516) | Cloud. | | | | | Barom. at M.S.L. (519) | Change in 3 hours. (520) | Wind. | | Weather. | Temp. °F. (524) | Hum |
|-----------|--------------------------------------|-------------------------------|------------------------------|-------|--|----------|---------------------|--------------------|---------------------------|--------|--|--|--|--|--------------------------------|-------------------------------|-------|--|----------|----------------------|---------------------|----------------------------|--------|--|--|--|--|--------------------------------|-------------------------------|-------|--|----------|----------------------|---------------------|----------------------------|--------|--|--|--|--|--------------------------------|-------------------------------|-------|--|----------|----------------------|---------------------|----------------------------|--------|--|--|--|--|--------------------------------|-------------------------------|-------|--|----------|----------------------|---------------------|----------------------------|--------|--|--|--|--|--------------------------------|-------------------------------|-------|--|----------|----------------------|---------------------|----------------------------|--------|--|--|--|--|--------------------------------|-------------------------------|-------|--|----------|----------------------|---------------------|----------------------------|--------|--|--|--|--|--------------------------------|-------------------------------|-------|--|----------|----------------------|---------------------|----------------------------|--------|--|--|--|--|--------------------------------|-------------------------------|-------|--|----------|----------------------|---------------------|----------------------------|--------|--|--|--|--|--------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-----------------------------|--------|--|--|--|--|---------------------------------|--------------------------------|-------|--|----------|-----------------------|----------------------|-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AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday, 18th October, 1939.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th October, 1939. |
|--|---|
| 1 S.E. England | Moderate northeast wind. Local showers, but bright periods to-day. |
| 2 E. England ... | Rain probable to-morrow. Average temperature. |
| 3 E. Midlands ... | Moderate northeast wind. Cloudy, Occasional rain; average temperature. |
| 4 W. Midlands ... | |
| 5 S.W. England | As 1 - 2. |
| 6 South Wales ... | |
| 7 North Wales ... | As 3 - 4. |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | Wind east to northeast, moderate or fresh locally. Fair with mist or fog at night. Average day temperature. Frost at night. |
| 13 { A.W. Scotld. B.N.W. Scot- land. | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone lies over the north of the British Isles and pressure is low over France and Spain. A feeble trough of low pressure across the West Midlands is slowly moving westwards. In Scotland, Ireland and the North of England the weather will be fair, but in most other places there will be some rain either from the trough over the Midlands or later from the spreading of rain to South-eastern England from France.

FURTHER OUTLOOK.

Mainly fair in the North; unsettled in the South.

Forecasts issued at 0930 G.M.T.

N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

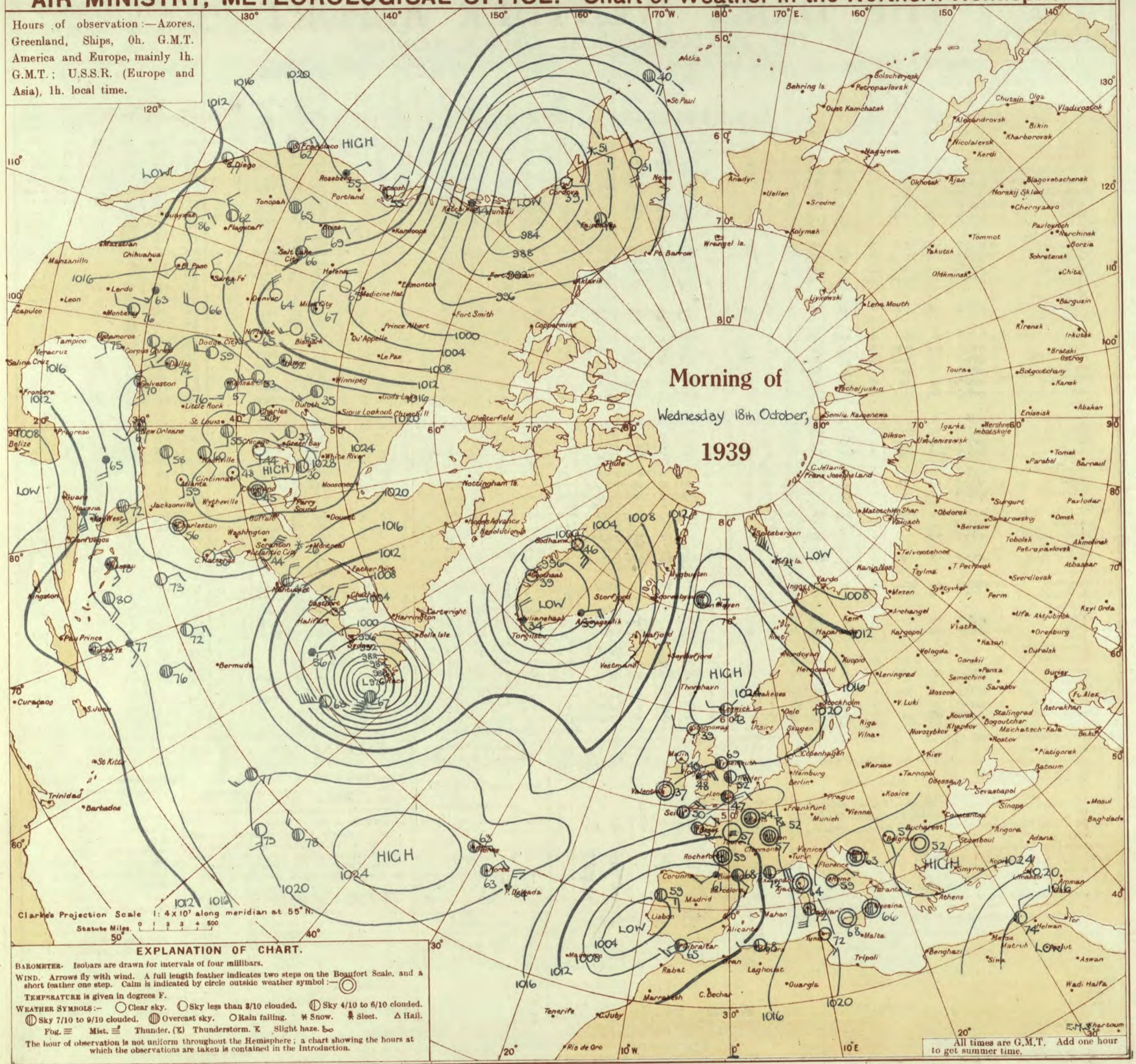
H.M.S.O. Press, Cornwall House, S.E.1.

Q 171/2713 46 R 105 D 1428 E. 343 3/35

RAW.

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday 18th October, 1935.
No. 28,454.

OBSERVATIONS at 1 hr. G.M.T. 18th October

OBSERVATIONS at 7 hr. G.M.T. 18th October

PAST 24 HOURS.

| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. (3) (4) | | Weather. (5) | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. (9) (10) (11) (12) | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. (17) (18) | | Weather. (19) | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. (23) (24) (25) (26) | | | | Height of Base (feet) (27) | State of Ground. 0-9 (28) | Sea. 0-9 (29) | TEMPERATURE. (31) (32) (33) | | | RAINFALL. (34) (35) | | SUNSHINE Hrs. (36) | | | | | | | | | | | | | | | | | |
|-----------|---------------------|------------------------------|----------------------|------------------------|---------------|---|--------------|---------------|--------------|---------------------|---------------------------|-----------|-----------|------------|-----------------------|-------------------------|-----------------|------------|---------------|----------------|---------------|----------------------|----------------------------|-----------|-----------|------------|----------------------------|---------------------------|---------------|-----------------------------|----|----|---------------------|----|--------------------|-----|------|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | Form. (10) (11) | | | | | | | | | | | | Form. (24) (25) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Low. (10) | Med. (11) | High (12) | Total (13) | | | Dir. (17) | Force (18) | | | | | Low. (24) | Med. (25) | High (26) | Total (27) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) | 18 | * | * | * | * | * | * | * | * | * | * | * | * | 1015.9 | 0 | NNE | 2 | z | 50 | 85 | 5 | 5 | - | - | 10 | 10 | 2500 | 1 | * | 58 | 48 | 37 | Tr | Tr | 0.9 | | | | | | | | | | | | | | | | |
| | Croydon | 217 | 1016.2 | +2 | ENE | 1 | m | 47 | 97 | 4 | 5 | * | * | 4.6 | 4.6 | 2500 | 1015.7 | +2 | NE | 2 | m | 48 | 97 | 4 | 5 | - | 9 | 4000 | 1 | * | 59 | 45 | 36 | - | - | 1.1 | | | | | | | | | | | | | | | | |
| | S. Farnborough | 226 | 1015.9 | +2 | * | 0 | cf | 47 | 97 | 3 | 5 | * | * | 9 | 9 | 1500 | 1015.2 | -2 | NEE | 3 | z | 50 | 97 | 5 | 5 | - | 10 | 10 | 800 | 1 | * | 57 | 45 | 42 | 0.5 | 0.4 | 0.0 | | | | | | | | | | | | | | | |
| | Boscombe Down | 417 | 1016.5 | +6 | NW | 3 | z | 47 | 97 | 5 | 5 | * | * | 10 | 10 | 1500 | 1016.0 | +2 | N | 2 | z | 47 | 97 | 5 | 5 | - | 10 | 10 | 450 | 1 | * | 52 | 45 | 45 | 8 | 0.2 | 0.0 | | | | | | | | | | | | | | | |
| | Calshot (Stmnt.) | 8 | 1015.4 | 0 | NW | 3 | bf | 50 | 97 | 3 | * | * | * | 0 | 0 | - | 1015.1 | +2 | NW | 2 | m | 50 | 97 | 4 | 5 | - | 10 | 10 | 1500 | 1 | 2 | 55 | 48 | 46 | 29 | 0.1 | 0.0 | | | | | | | | | | | | | | | |
| | Lympne | 346 | 1016.0 | -14 | NE | 2 | z | 51 | 92 | 6 | 5 | * | * | 7.8 | 7.8 | 1500 | 1015.1 | 0 | NE | 3 | z | 50 | 97 | 6 | 5 | - | 6 | 46 | 9 | 1500 | 1 | 2 | 57 | 48 | 46 | - | - | 4.1 | | | | | | | | | | | | | | |
| | Manston | 154 | 1015.9 | -6 | EN | 3 | z | 53 | 92 | 6 | 5 | * | * | 2.3 | 2.3 | 1500 | 1015.1 | 0 | ENE | 4 | z | 53 | 85 | 6 | 5 | - | 9 | 9 | 1500 | 1 | * | 59 | * | 48 | Tr | - | 6.2 | | | | | | | | | | | | | | | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | * | * | 1015.6 | 0 | NE | 3 | c | 49 | 97 | 7 | 7 | 1 | - | 9 | 10 | 2500 | 1 | * | 58 | 48 | 46 | - | - | 1.2 | | | | | | | | | | | | | | | | |
| | Felixstowe | 15 | 1016.0 | -6 | EN | 3 | z | 58 | 85 | 6 | 4 | * | * | 2.3 | 2.3 | 2500 | 1015.3 | -2 | NE | 3 | z | 53 | 75 | 6 | 2 | 5 | 7.8 | 9 | 2500 | 1 | 2 | 58 | 52 | 61 | - | - | 0.2 | | | | | | | | | | | | | | | |
| | Gorleston | 5 | 1017.5 | -4 | NE | 4 | bc | 53 | 85 | 7 | 1 | - | - | 2.3 | 2.3 | 2500 | 1016.6 | -2 | NNE | 5 | bc | 52 | 75 | 7 | 2 | 3 | 7.8 | 4.6 | 2500 | 0 | 3 | 55 | 52 | 50 | - | - | * | | | | | | | | | | | | | | | |
| | Mildenhall | 19 | 1017.4 | -6 | NE | 3 | c | 49 | 85 | 7 | 5 | 7 | - | Tr | 10 | 4000 | 1016.9 | +2 | NE | 2 | fc | 42 | 97 | 7 | 2 | 4 | Tr | 2.3 | 2500 | 1 | * | 57 | 41 | 31 | 3 | Tr | 1.3 | | | | | | | | | | | | | | | |
| | Cranwell | 240 | 1018.9 | -2 | NNE | 2 | z | 48 | 92 | 6 | 5 | * | * | 9 | 9 | 7200 | 1018.5 | +2 | NE | 3 | z | 48 | 92 | 7 | 5 | 4 | 4.6 | 9 | 800 | 1 | * | 49 | 47 | 45 | 10 | 0.1 | 0.0 | | | | | | | | | | | | | | | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | * | * | 1018.2 | +6 | NE | 3 | rr | 47 | 97 | 3 | 6 | - | - | 10 | 10 | 450 | 1 | * | 48 | 46 | 44 | 5 | 20 | 0.0 | | | | | | | | | | | | | | | | |
| | Upper Heyford | 408 | 1017.0 | +2 | NE | 1 | lt | 47 | 97 | 5 | 3 | 2 | + | 7.8 | 10 | 450 | 1017.1 | +2 | N | 2 | cl | 47 | 97 | 6 | 6 | 2 | - | 9 | 10 | 450 | 1 | * | 49 | 45 | 40 | 23 | 29 | * | | | | | | | | | | | | | | |
| 4 | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | * | * | * | 1017.1 | +4 | NE | 2 | c | 48 | 92 | 6 | 5 | - | - | 10 | 10 | 1500 | 1 | * | 49 | 46 | 42 | - | - | 0.0 | | | | | | | | | | | | | | | | |
| 5 | Hartland Point | 299 | 1016.7 | 0 | NE | 2 | bc | 50 | 85 | 7 | 2 | - | - | 2.3 | 2.3 | 1500 | 1015.9 | +2 | NE | 3 | bc | 47 | 92 | 7 | 5 | - | 2.3 | 2.3 | 2500 | 1 | 2 | 56 | 45 | 42 | - | - | 9.1 | | | | | | | | | | | | | | | |
| | Bristol | 209 | 1017.1 | +2 | NNE | 2 | z | 48 | 92 | 5 | 5 | * | * | 9 | 9 | 800 | 1016.6 | +2 | NNE | 1 | z | 47 | 92 | 5 | 5 | 2 | - | 9 | 10 | 1500 | 1 | * | 52 | 47 | 47 | - | - | 0.1 | | | | | | | | | | | | | | |
| | Portland Bill | 32 | 1015.0 | -4 | NNE | 2 | c | 50 | 92 | 7 | 5 | * | * | 7.8 | 7.8 | 2500 | 1014.6 | -2 | NNE | 3 | c | 47 | 92 | 7 | 5 | - | 7.8 | 7.8 | 2500 | 1 | 2 | 54 | 46 | * | 4 | - | * | | | | | | | | | | | | | | | |
| | Plymouth | 82 | 1016.6 | 0 | NW | 1 | z | 44 | 92 | 5 | - | - | - | 0 | 0 | - | 1015.6 | -2 | N | 1 | z | 42 | 92 | 5 | - | - | 1 | 0 | 1 | - | 0 | 1 | 61 | 41 | 34 | - | - | 4.2 | | | | | | | | | | | | | | |
| | The Lizard | 240 | 1016.9 | +6 | N | 4 | bc | 46 | 92 | 7 | 4 | - | - | 2.3 | 2.3 | 2500 | 1015.7 | -8 | N | 3 | bc | 46 | 85 | 7 | 4 | - | 2.3 | 2.3 | 2500 | 0 | 1 | 60 | 43 | * | - | - | 9.8 | | | | | | | | | | | | | | | |
| | Scilly (St. Mary's) | 163 | 1017.2 | +6 | NNE | 3 | bc | 50 | 85 | 8 | 1 | - | - | 2.3 | 2.3 | 4000 | 1015.9 | 0 | NNE | 4 | bc | 50 | 85 | 8 | 4 | 4 | 2.3 | 4.6 | 4000 | 0 | 2 | 58 | 49 | * | - | - | 10.1 | | | | | | | | | | | | | | | |
| | Guernsey | 175 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | | |
| 6 | Pembroke | 142 | 1018.1 | 0 | NE | 4 | bc | 44 | 92 | 6 | 5 | - | - | 2.3 | 2.3 | 1500 | 1017.1 | 0 | ENE | 3 | bc | 43 | 97 | 7 | 5 | - | 2.3 | 2.3 | 2500 | 1 | 1 | 55 | 41 | * | - | - | 6.9 | | | | | | | | | | | | | | | |
| 7 | Holyhead | 26 | 1019.4 | +6 | ENE | 5 | bc | 48 | 92 | 6 | - | 2 | - | 10 | 10 | 800 | 1019.8 | +6 | NE | 5 | c | 51 | 85 | 7 | 5 | - | 9 | 9 | 4000 | 1 | 2 | 52 | 47 | 45 | 1 | 2 | 3.4 | | | | | | | | | | | | | | | |
| | Chester (Sealand) | 16 | 1019.9 | +2 | NNE | 3 | bc | 46 | 92 | 4 | 6 | - | - | 10 | 10 | 800 | 1020.4 | +10 | NNE | 2 | bc | 46 | 92 | 4 | 6 | 2 | - | 7.8 | 10 | 800 | 1 | 2 | 50 | 46 | 44 | 9 | 29 | 0.0 | | | | | | | | | | | | | | |
| 8 | Manchester | 70 | 1019.8 | +2 | NE | 3 | bc | 47 | 85 | 4 | 5 | * | * | 13 | 13 | 1500 | 1020.0 | +6 | NE | 3 | c/r | 47 | 85 | 5 | 5 | - | 7.8 | 9 | 4000 | 1 | * | 52 | 46 | 43 | 0.3 | 11 | 0.0 | | | | | | | | | | | | | | | |
| 10 | Spurn Head | 29 | 1019.1 | -2 | EN | 3 | bc | 52 | 85 | 6 | 5 | - | - | 4.6 | 4.6 | 2500 | 1018.9 | +4 | NE | 4 | c | 51 | 75 | 7 | 5 | - | 9 | 9 | 2500 | 1 | 3 | 53 | 50 | * | - | - | 0.8 | | | | | | | | | | | | | | | |
| | Catterick | 175 | 1020.9 | +2 | N | 3 | z | 44 | 92 | 6 | 5 | * | * | 10 | 10 | 4000 | 1022.0 | +4 | N | 3 | z | 42 | 85 | 6 | 5 | 3 | - | 7.8 | 9 | 4000 | 1 | * | 50 | 41 | 36 | - | - | 1.2 | | | | | | | | | | | | | | |
| | Tynemouth | 108 | 1022.4 | +2 | E | 3 | bc | 49 | 75 | 8 | 2 | - | - | 2.3 | 2.3 | 2500 | 1022.4 | +6 | NNW | 3 | bc | 43 | 85 | 8 | 2 | - | 4.6 | 4.6 | 2500 | 1 | 1 | 53 | 43 | 37 | - | - | * | | | | | | | | | | | | | | | |
| 11 | St. Abbs Head | 280 | 1023.4 | +4 | NNE | 1 | bc | 47 | 75 | 8 | 2 | 4 | 1 | 2.3 | 4.6 | 2500 | 1023.0 | -4 | NNE | 2 | bc | 48 | 75 | 8 | 3 | 4 | - | 4.6 | 4.6 | 1500 | 0 | 1 | 53 | 44 | * | - | - | * | | | | | | | | | | | | | | |
| | Leuchars | 36 | 1023.8 | +2 | - | 0 | z | 35 | 97 | 6 | - | - | - | 0 | 0 | - | 1024.1 | +6 | W | 1 | z | 33 | 97 | 6 | 8 | - | Tr | Tr | 4000 | 1 | * | 55 | 32 | 21 | - | - | * | | | | | | | | | | | | | | | |
| 12 | Renfrew (Abbots L.) | 19 | 1023.5 | +4 | - | 0 | F | 32 | 97 | 1 | - | - | - | 10 | 10 | 450 | 1024.1 | +2 | E | 1 | F | 35 | 97 | 1 | - | - | 10 | 10 | 450 | 1 | * | 51 | 31 | 31 | - | - | 0.8 | | | | | | | | | | | | | | | |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1023.5 | +2 | NNE | 2 | b | 34 | 97 | 8 | 5 | - | 1 | 1 | 800 | 1 | * | 49 | 33 | 27 | - | - | 0.3 | | | | | | | | | | | | | | | |
| | Point of Ayre | 30 | 1021.7 | +8 | E | 3 | bc | 50 | 85 | 7 | 5 | - | - | 4.6 | 4.6 | 2500 | 1021.6 | 0 | EN | 5 | b | 47 | 92 | 7 | 8 | 4 | Tr | 1 | 4000 | 0 | 3 | 55 | 47 | * | - | - | 1.9 | | | | | | | | | | | | | | | |
| 13A | Tiree | 22 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | | | |
| 13B | Stornoway | 80 | 1023.9 | +6 | WNW | 2 | b | 39 | 92 | 7 | - | - | - | 0 | 0 | - | 1024.2 | +2 | - | 0 | b | 39 | 97 | 9 | 2 | 7 | - | Tr | 1 | 4000 | 0 | 0 | 51 | 38 | * | - | - | 2.4 | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | | | |
| | Aberdeen | 79 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1024.5 | +8 | NW | 1 | bf | 31 | 92 | 3 | 8 | - | Tr | Tr | 4000 | 0 | 1 | 53 | 31 | 27 | - | - | 7.7 | | | | | | | | | | | | | | | |
| | Lerwick | 81 | 1023.9 | +4 | W | 2 | b | 34 | 97 | 7 | 5 | - | - | 1 | 1 | 2500 | 1024.2 | +6 | W | 2 | bc | 33 | 97 | 8 | 5 | 7 | 1 | 2.3 | 4.6 | 2500 | 1 | 1 | 51 | 32 | * | - | - | * | | | | | | | | | | | | | | |
| 16 | Lerwick | 156 | 1023.9 | +6 | W | 1 | bc | 43 | 85 | 8 | 5 | 3 | - | 4.6 | 4.6 | 1500 | 1024.7 | +6 | NNE | 1 | c | 42 | 92 | 8 | 8 | 7 | - | 4.6 | 7.8 | 800 | 0 | * | 52 | 41 | * | - | - | 8.1 | | | | | | | | | | | | | | |
| 17 | Blacksod Point | 18 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1021.3 | +6 | E | 1 | b | 43 | 97 | 7 | - | - | 0 | 0 | - | 0 | 1 | 56 | 39 | * | - | - | * | | | | | | | | | | | | | | | |
| 18 | Malin Head | 84 | 1021.5 | +4 | S | 2 | z | 40 | 85 | 6 | - | - | - | 0 | 0 | - | 1022.8 | +4 | S | 1 | z | 41 | 85 | 6 | - | - | 0 | 2.3 | - | 0 | 1 | 53 | 38 | * | - | - | 7.8 | | | | | | | | | | | | | | | |
| | Aldergrove | 268 | 1022.2 | +6 | ENE | 3 | bc | 41 | 97 | 4 | 5 | + | + | 2.3 | 2.3 | 2500 | 1022.7 | +6 | NE | 1 | b | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

BRITISH SECTION

Thursday 19th October 1939
No 28455

| OBSERVATIONS at 13h. G.M.T. 18th October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 18th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | |
|--|--------------------------------------|--------------------------------------|------------------------------|--------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|--------------------------------|-----------------------|-----------------------|--|-------------------------------|-------|--------|------------------------|----------------------|---------------------|----------------------------|--------|-------|--------------------------------|-----------------------|------------------------------------|---------------------|----------------|-------------------------|--------------------------|-------------------------|------------------------|------|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | State of ground. 0-9 (29) | Sea. 0-9 (30) | WEATHER. | | | | | | | | | | | | | | |
| | | | | Direc. | Force. 0-12 (4) | | | | | Form. | Amount. Low 0-10 (12) | Med. 10-10 (13) | High 10-10 (14) | | | | Direc. | Force. 0-12 (18) | | | | | Form. | Amount. Low 0-10 (26) | Med. 10-10 (27) | High 10-10 (28) | | | 7h.-13h. 1st (37) | 13h.-18h. 1st (38) | 18h.-1st 1st (39) | 1h.-7h. 1st (40) | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1014.0 | -1.4 | NE | 4 | C | 56 | 65 | 7 | 8 | 1 | 7-8 | 7-8 | 1014.7 | +6 | NNE | 4 | C | 51 | 85 | 5 | 8 | - | - | - | - | 1 | * | cmoc | pcsm | cbcm | bcpr | | | | | | | | | | |
| | Croydon ... | 1014.0 | -1.4 | NEE | 4 | C | 55 | 75 | 6 | 2 | 6 | 7-8 | 7-8 | 1014.4 | +4 | NNE | 4 | C | 51 | 85 | 5 | 5 | 3 | - | - | - | 1 | * | cmcm | cbcm | bcpr | bcpr | | | | | | | | | | |
| | S. Farnborough | 1013.8 | -1.4 | NE | 4 | C | 55 | 65 | 6 | 2 | 6 | 7-8 | 7-8 | 1014.3 | +6 | NNE | 4 | C | 50 | 85 | 6 | 6 | 3 | - | - | - | 1 | * | cmab | cbcm | bcpr | bcpr | | | | | | | | | | |
| | Boscombe Down | 1013.3 | -1.4 | NE | 4 | C | 54 | 75 | 7 | 8 | - | 7-8 | 7-8 | 1015.0 | +6 | NNE | 4 | C | 49 | 85 | 7 | 5 | - | - | - | - | 1 | * | cmcm | cbcm | bcpr | bcpr | | | | | | | | | | |
| | Calshot (Soton.) | 1013.4 | -1.4 | NEN | 5 | C | 56 | 75 | 6 | 8 | 1 | 4-6 | 7-8 | 1013.6 | +4 | NNE | 4 | C | 52 | 85 | 7 | 7 | - | - | - | - | 2 | * | cbcm | cbcm | bcpr | bcpr | | | | | | | | | | |
| | Lymington | 1012.9 | -2.0 | NEN | 5 | C | 54 | 75 | 6 | 8 | 1 | 4-6 | 7-8 | 1011.9 | +6 | NNE | 5 | C | 53 | 75 | 6 | 8 | 5 | - | - | - | 1 | 8.4 | cmoz | cbcm | bcpr | bcpr | | | | | | | | | | |
| | Manston | 1012.6 | -2.4 | NE | 6 | C | 55 | 75 | 7 | 8 | 1 | 4-6 | 7-8 | 1011.7 | +6 | NNE | 6 | C | 54 | 75 | 7 | 8 | 1 | - | - | - | 1 | * | cmoz | cbcm | bcpr | bcpr | | | | | | | | | | |
| 2 | Shoeburyness ... | 1014.4 | -1.4 | NE | 5 | C | 56 | 85 | 8 | 7 | 1 | 8 | 4-6 | 7-8 | 1013.5 | -4 | N | 5 | C | 51 | 92 | 7 | 8 | 9 | - | - | 1 | * | cbc | cbc | bcpr | bcpr | | | | | | | | | | |
| | Felixstowe ... | 1014.0 | -1.0 | NE | 5 | C | 56 | 85 | 8 | 2 | - | 7-8 | 7-8 | 1013.0 | 0 | NNE | 4 | C | 53 | 75 | 6 | 2 | 4 | 8 | - | - | 1 | 3 | cmgb | bccr | bcpr | bcpr | | | | | | | | | | |
| | Gorleston ... | 1015.6 | -1.0 | NNE | 6 | C | 57 | 85 | 7 | 2 | - | 4-6 | 4-6 | 1014.7 | 0 | NNE | 6 | C | 53 | 75 | 7 | 2 | - | - | - | - | 0 | 3 | bccr | bccr | bcpr | bcpr | | | | | | | | | | |
| | Mildenhall ... | 1016.1 | -8 | NNE | 4 | C/pr | 52 | 85 | 8 | 2 | 7 | - | 2-3 | 9+ | 1016.2 | +4 | NNE | 3 | C/pr | 49 | 92 | 7 | 5 | 3 | - | - | 1 | * | bmccpr | bcpr | bcpr | bcpr | | | | | | | | | | |
| | Cranwell ... | 1018.6 | -6 | NE | 4 | C | 52 | 75 | 8 | 6 | - | 4-6 | 7-8 | 1018.8 | +6 | N | 3 | C | 45 | 85 | 7 | 4 | 6 | - | - | - | 1 | * | cmpr | cmpr | bcpr | bcpr | | | | | | | | | | |
| 3 | Birmingham | 1017.7 | -6 | NE | 4 | C | 50 | 75 | 6 | 5 | 7 | - | 7-8 | 9 | 1018.6 | +8 | NNE | 2 | Z | 48 | 65 | 5 | - | 4 | - | - | 1 | * | forc | cmpr | b | bcpr | | | | | | | | | | |
| | Upper Heyford | 1016.6 | -8 | NE | 4 | C | 53 | 75 | 8 | 3 | - | 4-6 | 9 | 1017.4 | +10 | NE | 4 | C | 47 | 85 | 7 | 5 | - | - | - | - | 1 | * | cmpr | cmpr | b | bcpr | | | | | | | | | | |
| 4 | Ross-on-Wye ... | 1016.2 | -12 | NEE | 4 | C | 52 | 75 | 7 | 8 | - | - | 9 | 9 | 1017.5 | +12 | NE | 4 | C | 49 | 75 | 7 | 5 | - | - | - | 1 | * | cmpr | cmpr | b | bcpr | | | | | | | | | | |
| 5 | Hartland Point | 1014.4 | -6 | NE | 4 | C | 52 | 85 | 7 | 8 | - | 7-8 | 7-8 | 1015.4 | +8 | NNE | 5 | bc | 53 | 75 | 7 | 2 | - | - | - | - | 0 | 3 | bcc | cbc | bc | bcpr | | | | | | | | | | |
| | Bristol ... | 1016.5 | -2 | NE | 4 | bc | 55 | 75 | 7 | 7 | 3 | - | 4-6 | 4-6 | 1017.0 | +10 | NE | 4 | Z | 50 | 75 | 6 | 5 | 3 | - | - | 1 | 3 | cmpr | bcc | bc | bcpr | | | | | | | | | | |
| | Portland Bill | 1012.9 | -10 | NNE | 3 | C | 54 | 85 | 7 | 5 | - | 9 | 9 | 1013.4 | +8 | NNE | 3 | C | 51 | 85 | 7 | 4 | 4 | - | - | - | 1 | 3 | c | bc | bc | bcpr | | | | | | | | | | |
| | Plymouth | 1013.8 | -14 | NEE | 3 | C | 54 | 75 | 6 | 8 | - | 3+ | 3+ | 1014.4 | +4 | NNE | 3 | Z | 51 | 75 | 6 | - | - | - | - | - | 0 | 2 | bc | bc | bc | bcpr | | | | | | | | | | |
| | The Lizard | 1014.1 | -10 | NE | 3 | bc | 55 | 65 | 8 | 8 | 6 | - | 4-6 | 4-6 | 1015.3 | +10 | NNE | 3 | bc | 49 | 97 | 7 | 6 | 6 | 9 | - | 0 | 1 | bc | bc | bc | bcpr | | | | | | | | | | |
| | Scilly (St. Mary's) | 1014.3 | -14 | NEN | 5 | bc | 55 | 85 | 7 | 2 | - | 2-3 | 2-3 | 1015.0 | +6 | NNE | 5 | C | 53 | 85 | 8 | 8 | 6 | - | - | - | 0 | 3 | bccr | bcc | bc | bcpr | | | | | | | | | | |
| 6 | Pembroke ... | 1017.1 | -6 | E/N | 5 | bcpr | 54 | 75 | 7 | 2 | - | - | - | 2500 | +6 | NNE | 4 | bc | 50 | 85 | 7 | 5 | - | - | - | - | 1 | 2 | bcc | bcc | bc | bcpr | | | | | | | | | | |
| 7 | Holyhead | 1015.8 | -10 | NEE | 5 | b | 53 | 75 | 8 | 1 | - | - | 1 | 1 | 1020.7 | +6 | NNE | 4 | bc | 52 | 75 | 7 | 2 | - | - | - | 1 | 3 | cbc | bcc | bc | bcpr | | | | | | | | | | |
| | Chester (Sealand) | 1019.9 | -10 | NE | 2 | Z | 52 | 75 | 6 | 8 | - | - | 4-6 | 4-6 | 1020.8 | +12 | NNE | 1 | m | 43 | 85 | 4 | 5 | 6 | - | - | 1 | * | cmpr | cmpr | bcpr | bcpr | | | | | | | | | | |
| 8 | Manchester | 1019.4 | -14 | E/N | 5 | Z | 53 | 65 | 6 | 1 | 4 | - | 4-6 | 4-6 | 1020.6 | +10 | NNE | 2 | m | 46 | 75 | 4 | 5 | - | - | - | 1 | * | cmpr | cmpr | bcpr | bcpr | | | | | | | | | | |
| 10 | Spurn Head | 1019.1 | -2 | NEE | 5 | bc | 54 | 65 | 7 | 2 | 6 | - | 4-6 | 4-6 | 1019.1 | 0 | NE | 4 | C | 49 | 75 | 7 | 8 | 4 | - | - | 0 | 3 | c | bc | bc | bcpr | | | | | | | | | | |
| | Catterick | 1021.4 | -6 | NE | 3 | Z | 50 | 75 | 6 | 8 | - | - | 4-6 | 4-6 | 1021.7 | +6 | NNE | 1 | C | 43 | 85 | 7 | 5 | 3 | - | - | 1 | * | bcpr | bcpr | bcpr | bcpr | | | | | | | | | | |
| | Tynemouth | 1022.5 | -2 | E | 3 | bc/pr | 50 | 75 | 8 | 2 | - | - | 4-6 | 4-6 | 1022.1 | 0 | NE | 4 | C/pr | 50 | 75 | 8 | 2 | - | - | - | - | 1 | 2 | bcpr | bcpr | bcpr | bcpr | | | | | | | | | |
| 11 | St. Abbs Head | 1023.1 | -4 | NNE | 2 | bc | 49 | 75 | 8 | 2 | 6 | - | 4-6 | 4-6 | 1024.2 | +2 | NNE | 3 | bc | 49 | 65 | 8 | 8 | 4 | - | - | 0 | 2 | cbc | bccr | bc | bcpr | | | | | | | | | | |
| | Leuchars | 1024.1 | -4 | NE | 2 | bc | 52 | 75 | 8 | 8 | - | - | 4-6 | 4-6 | 1024.9 | +6 | E | 2 | pr | 45 | 92 | 8 | 8 | - | - | - | 1 | * | bcpr | bcpr | bcpr | bcpr | | | | | | | | | | |
| 12 | Renfrew (Abbots L.) | 1024.5 | -4 | - | 0 | f | 49 | 92 | 2 | 8 | - | - | 0 | 0 | 1024.3 | +4 | ENE | 1 | Z | 46 | 85 | 6 | 5 | - | - | - | 1 | * | bcpr | bcpr | bcpr | bcpr | | | | | | | | | | |
| | Eskdalemuir | 1022.8 | -8 | NE/N | 3 | bc | 46 | 75 | 8 | 8 | - | - | 4-6 | 4-6 | 1023.6 | +6 | NNE | 3 | bcpr | 42 | 85 | 8 | 5 | - | - | - | 1 | * | bcpr | bcpr | bcpr | bcpr | | | | | | | | | | |
| | Point of Ayre | 1022.0 | -2 | E/N | 3 | b | 52 | 75 | 8 | 1 | - | - | Tr | Tr | 1022.2 | +4 | E/N | 4 | b | 51 | 75 | 8 | 8 | 7 | - | - | 0 | 3 | b | b | b | b | | | | | | | | | | |
| 13A | Tiree ... | 1024.8 | -2 | SE | 1 | b | 51 | 75 | 3 | 1 | - | - | 1 | 1 | 1025.1 | +6 | - | 0 | b | 45 | 85 | 9 | 1 | - | - | - | 0 | 0 | b | b | b | bc | | | | | | | | | | |
| 13B | Stornoway | 1024.8 | -2 | SE | 1 | b | 51 | 75 | 3 | 1 | - | - | 1 | 1 | 1025.1 | +6 | - | 0 | b | 45 | 85 | 9 | 1 | - | - | - | 0 | 0 | b | b | b | bc | | | | | | | | | | |
| 15 | Dalwhinnie | * | -2 | NE | 1 | bc | 45 | 65 | 8 | 4 | 6 | - | 1 | 2-3 | 1025.4 | +6 | S | 2 | C | 40 | 85 | 8 | 5 | - | - | - | 0 | * | bcc | bcc | bc | bcpr | | | | | | | | | | |
| | Aberdeen | 1024.7 | -2 | - | 0 | g/pr | 49 | 75 | 8 | 8 | - | - | 7-8 | 7-8 | 1025.4 | +6 | NE | 2 | bc | 47 | 75 | 7 | 8 | - | - | - | 0 | 1 | ffbcpr | bc | bcpr | bcpr | | | | | | | | | | |
| | Wick | 1025.1 | -2 | SE | 1 | bc | 52 | 75 | 8 | 7 | 6 | - | 2-3 | 2-3 | 1025.5 | +4 | ESE | 3 | bc | 48 | 75 | 8 | 8 | 6 | - | - | 1 | 1 | bc | bc | bc | bcpr | | | | | | | | | | |
| 16 | Lerwick | 1025.9 | +4 | W/N | 2 | pr | 48 | 92 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1026.2 | +2 | W | 2 | bc | 46 | 85 | 8 | 8 | 3 | - | - | 0 | * | bcpr | bcpr | bcpr | bcpr | | | | | | | | | | |
| 17 | Blacksod Point | 1022.2 | 0 | E/S | 1 | b | 54 | 65 | 7 | - | - | 0 | 0 | - | 1022.6 | +4 | SE | 1 | b | 49 | 85 | 7 | - | - | - | - | 0 | 1 | b | bc | b | b | | | | | | | | | | |
| 18 | Malin Head | 1023.4 | +6 | E | 1 | Z | 51 | 75 | 6 | 1 | - | 2 | 1 | 2-3 | 1024.2 | +10 | E | 1 | bc | 48 | 75 | 8 | 7 | - | - | - | 0 | 1 | czbc | bcpr | bcpr | bcpr | | | | | | | | | | |
| | Aldergrove | 1022.7 | -6 | E/N | 3 | bc | 52 | 55 | 8 | 1 | - | - | 2-3 | 2-3 | 1023.7 | +10 | NE | 2 | b | 44 | 75 | 7 | 5 | - | - | - | 1 | * | bcpr | bcpr | bcpr | bcpr | | | | | | | | | | |
| 19 | Birr Castle | 1020.9 | -6 | NW | 1 | bc | 48 | 37 | 7 | 5 | - | - | 2-3 | 2-3 | 1020.5 | +6 | NNE | 1 | b | 48 | 75 | 7 | - | - | - | - | 0 | * | offbc | bcpr | bcpr | bcpr | | | | | | | | | | |
| 20 | Valentia Obsy.† | 1020.8 | -2 | NE | 2 | bc | 55 | 65 | 8 | 1 | - | - | Tr | Tr | 1021.6 | +10 | ESE | 3 | b | 50 | 85 | 8 | 7 | 3 | - | - | 1 | 2 | bxb | bcpr | bcpr | bcpr | | | | | | | | | | |
| | Roches Point | 1019.2 | -10 | E/N | 4 | bc | 54 | 75 | 8 | 5 | - | - | 4-6 | 4-6 | 1020.6 | +10 | ESE | 3 | b | 50 | 85 | 8 | 7 | 3 | - | - | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | |

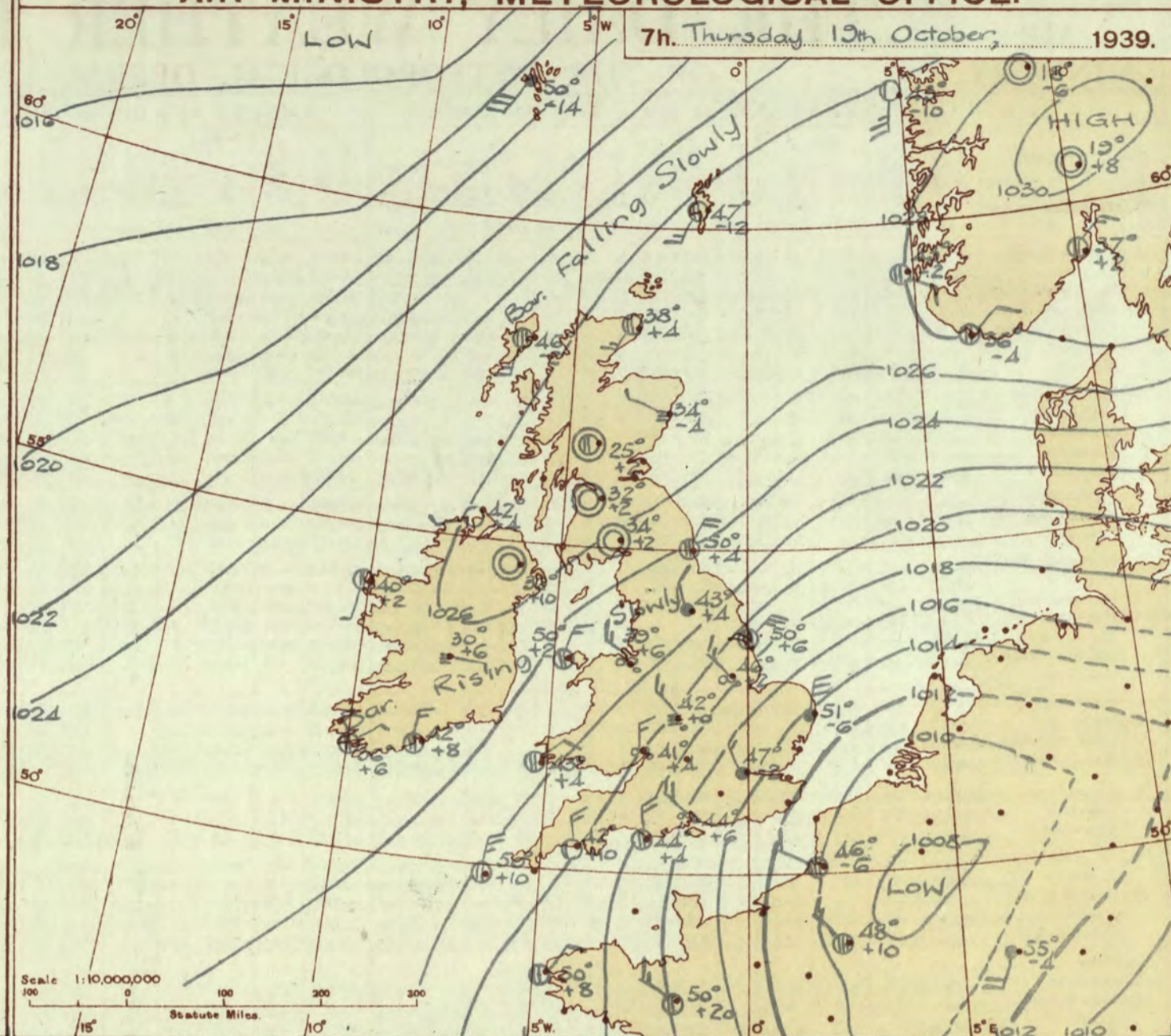
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

b, blue sky (not more than a quarter covered with cloud

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 19th October. 1939.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th October, 1939.

- 1 S.E. England
- 2 E. England ...
- 3 E. Midlands ...
- 4 W. Midlands ...
- 5 S.W. England
- 6 South Wales ...
- 7 North Wales ...
- 8 N.W. England
- 9 N. Midlands ...
- 10 N.E. England
- 11 S.E. Scotland
- 12 S.W. Scotland & Isle of Mtn.
- 13 { A.W. Scotld.
B.N.W. Scot-
land.
- 14 Mid Scotland
- 15 N. E. Scotland
- 16 Orkneys and Shetlands
- 17 N. W. Ireland
- 18 N. E. Ireland
- 19 S. E. Ireland
- 20 S. W. Ireland

Fresh or strong northeast to north winds gale force at times on East Coast. Cloudy, some rain; rather cold.

Moderate or fresh northeast or north winds. Mainly fair, but some local showers. Rather cold with ground frost at night.

Light or moderate variable wind. Fair or fine apart from local fog at night. Rather cold with frost at night.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone stretches from Scotland to the Southern Baltic and a depression over Northeastern France and Holland is slowly moving northeastwards. There will be rain in all southeastern districts with northeasterly gales on the coast. Elsewhere, apart from a few local showers, the weather will be fair.

FURTHER OUTLOOK.

Cold northeast winds over England.

Forecasts issued at 0930 G.M.T.

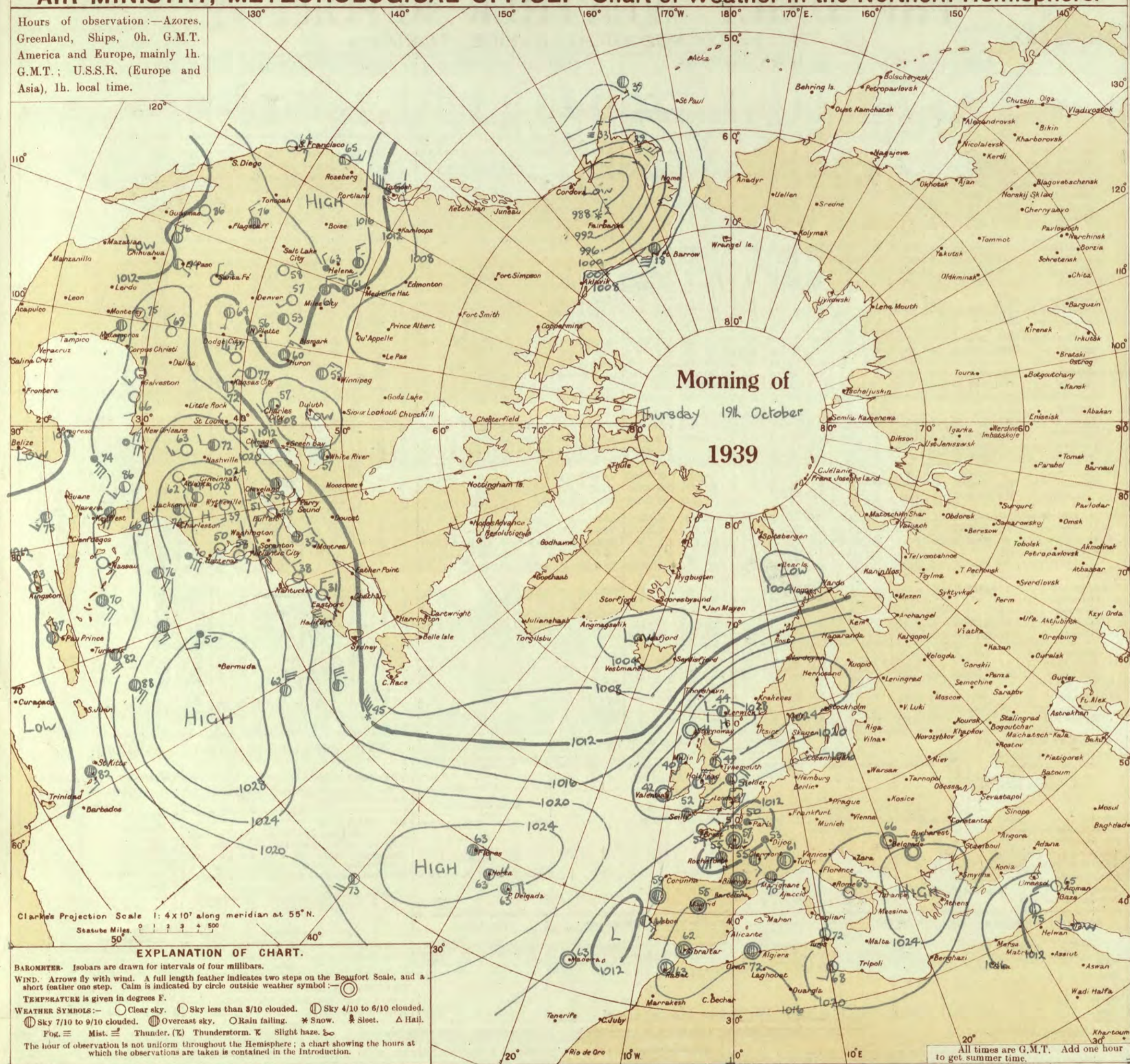
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H. M. S. O. Press, Cornwall House, S.E.1.

C. 47/3778 H. 4. 1105. D. 4428. G. 3-5 5/38

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 19th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 19th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|------------------------------|----------------------|------------------------|---------------|---|--------------|---------------|--------------|-----------------|---------------------------|-----------|-----------|---|-----------------------|-------------------------|-----------------|-----|---------------|----------------|---------------|------------------|----------------------------|-----------|-----------|------------|-----------------------|----------------|-----------------------------|----|----|---------------------|-----|--------------------|-----|-----|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. (3) (4) | | Weather. (5) | Temp. °F. (6) | Humid. % (7) | Visibility. (8) | Cloud. (9) (10) (11) (12) | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. (17) (18) | | Weather. (19) | Temp. °F. (20) | Humid. % (21) | Visibility. (22) | Cloud. (23) (24) (25) (26) | | | | State of Ground. (29) | Sea. (30) | TEMPERATURE. (31) (32) (33) | | | RAINFALL. (34) (35) | | SUNSHINE Hrs. (36) | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Form. (12) (13) (14) | | | | | | | | | | | | Form. (26) (27) (28) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Low. (9) | Med. (10) | High (11) | Total (12) | | | | | | | | | Low. (23) | Med. (24) | High (25) | Total (26) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) ... | 18 | * | * | * | * | * | * | * | * | * | * | * | * | 1015.4 | +2 | NNE | 3 | bc | 47 | 85 | 5 | 6 | 2 | 7-8 | 10 | 1500 | 1 | * | 57 | 45 | 41 | 0.3 | 0.3 | 4.7 | | | | | | | | | | | | | | | |
| | Croydon ... | 217 | 1015.3 | 0 | NE | 3 | 20 | 47 | 85 | 6 | 5 | - | - | 2-3 | 2-3 | 2500 | 1015.0 | -2 | NNW | 3 | bc | 47 | 97 | 6 | 2 | 9 | 10 | 1500 | 1 | * | 56 | 46 | 43 | 0.1 | 1 | 2.8 | | | | | | | | | | | | | | |
| | S. Farnborough ... | 226 | 1016.2 | 4 | NE | 3 | 20 | 44 | 85 | 6 | 5 | - | - | 0 | 4 | 4 | 1016.2 | +2 | NW | 3 | f/p | 44 | 92 | 3 | 6 | 3 | 7-8 | 9 | 4000 | 1 | * | 57 | 43 | 40 | 0.1 | - | 4.2 | | | | | | | | | | | | | |
| | Boscombe Down ... | 417 | 1017.6 | 4 | N | 4 | 20 | 41 | 92 | 6 | 5 | - | - | 0 | 0 | 0 | 1018.0 | +2 | NW | 3 | bc | 41 | 92 | 6 | 5 | 4 | 4-6 | 7-8 | 2500 | 1 | * | 54 | 38 | 37 | - | - | 3.9 | | | | | | | | | | | | | |
| | Calshot (Stmntn.) ... | 8 | 1015.7 | +2 | NW | 5 | 20 | 46 | 85 | 6 | 5 | - | - | 0 | 0 | 0 | 1016.5 | +6 | NW | 3 | bc | 44 | 92 | 6 | 5 | 9 | 9 | 10 | 450 | 1 | 2 | 57 | 43 | 42 | - | - | 1.5 | | | | | | | | | | | | | |
| | Lympne ... | 346 | 1013.3 | +10 | NE | 4 | 17 | 49 | 97 | 6 | 6 | 2 | - | 9 | 10 | 450 | 1012.0 | -6 | NW | 5 | bc | 48 | 92 | 6 | 6 | 2 | 9 | 10 | 450 | 1 | 2 | 55 | 48 | 47 | - | 8 | 2.1 | | | | | | | | | | | | | |
| | Manston ... | 154 | 1012.6 | +2 | NE | 5 | 16 | 52 | 92 | 6 | 5 | - | - | 10 | 10 | 800 | 1011.3 | -6 | NNE | 4 | bc | 50 | 92 | 6 | 6 | 2 | 9 | 10 | 800 | 1 | * | 57 | * | 49 | - | 11 | 2.8 | | | | | | | | | | | | | |
| 2 | Shoeburyness ... | 11 | * | * | * | * | * | * | * | * | * | * | * | * | 1013.8 | -4 | NW | 3 | bc | 48 | 97 | 6 | 6 | 2 | 7-8 | 10 | 800 | 1 | * | 58 | 47 | 48 | - | 8 | 4.6 | | | | | | | | | | | | | | | |
| | Felixstowe ... | 15 | 1014.0 | +2 | NE | 4 | 17 | 50 | 92 | 6 | 5 | 2 | - | 9 | 10 | 1300 | 1013.5 | -6 | NNE | 6 | bc | 51 | 85 | 6 | 6 | - | 10 | 10 | 2600 | 1 | 4 | 57 | 50 | 49 | - | 6 | 9.9 | | | | | | | | | | | | | |
| | Gorleston ... | 5 | 1014.6 | 0 | NE | 6 | 17 | 53 | 85 | 7 | 5 | - | - | 10 | 10 | 2500 | 1015.4 | -2 | NNE | 4 | bc | 49 | 92 | 6 | 6 | 2 | 9 | 10 | 1500 | 1 | * | 55 | 41 | 40 | 2 | 0.4 | 4.3 | | | | | | | | | | | | | |
| | Mildenhall ... | 19 | 1016.1 | -4 | NW | 4 | 17 | 45 | 92 | 8 | 5 | 4 | - | 1 | 1 | 4000 | 1015.0 | -2 | NNE | 3 | bc | 49 | 92 | 6 | 6 | 2 | 9 | 10 | 1500 | 1 | * | 54 | 40 | 37 | 3 | 0.4 | 1.9 | | | | | | | | | | | | | |
| | Cranwell ... | 240 | 1019.2 | +2 | NNW | 2 | 17 | 43 | 92 | 8 | 6 | - | - | 10 | 10 | 2500 | 1019.0 | +2 | NNW | 3 | bc | 46 | 92 | 6 | 5 | 3 | 4-6 | 7-8 | 1500 | 1 | * | 54 | 40 | 37 | 3 | 0.4 | 1.9 | | | | | | | | | | | | | |
| 3 | Birmingham ... | 535 | * | * | * | * | * | * | * | * | * | * | * | * | 1020.1 | 0 | NNW | 3 | bc | 42 | 92 | 4 | 6 | 7 | 4-6 | 9 | 1500 | 1 | * | 52 | 39 | 34 | 4 | - | 0.8 | | | | | | | | | | | | | | | |
| | Upper Heyford ... | 408 | 1016.5 | +2 | NNE | 3 | 20 | 30 | 97 | 6 | 5 | - | - | 0 | 0 | 0 | 1018.3 | +2 | NNW | 4 | bc | 43 | 92 | 5 | 5 | 3 | 9 | 9 | 800 | 1 | * | 54 | 38 | 37 | Tr | - | 0.8 | | | | | | | | | | | | | |
| 4 | Ross-on-Wye ... | 223 | * | * | * | * | * | * | * | * | * | * | * | * | 1020.0 | +4 | N | 3 | bc | 41 | 92 | 6 | 5 | 8 | 1 | 2-3 | 2500 | 1 | * | 53 | 37 | 30 | 0.3 | Tr | 1.0 | | | | | | | | | | | | | | | |
| 5 | Hartland Point ... | 299 | 1019.4 | +12 | NE | 4 | bc | 48 | 75 | 8 | 2 | - | - | 2-3 | 2-3 | 2500 | 1020.8 | +6 | NE | 4 | bc | 47 | 89 | 8 | 1 | - | 2-3 | 2-3 | 4000 | 0 | 3 | 53 | 46 | 43 | - | - | 6.8 | | | | | | | | | | | | | |
| | Bristol ... | 209 | 1010.3 | +6 | N | 4 | bc | 41 | 85 | 8 | 5 | 4 | - | 0 | 4 | 4 | 1019.9 | +2 | NNW | 2 | bc | 42 | 92 | 6 | 5 | 7 | 4-6 | 9 | 1500 | 1 | 3 | 56 | 37 | * | Tr | - | 3.2 | | | | | | | | | | | | | |
| | Portland Bill ... | 32 | 1016.0 | +6 | NE | 4 | - | 47 | 85 | 8 | 5 | - | - | 0 | 0 | 0 | 1008.1 | +4 | N | 4 | bc | 44 | 92 | 7 | 5 | - | 2-3 | 2-3 | 2500 | 1 | 3 | 52 | 44 | * | Tr | - | 3.2 | | | | | | | | | | | | | |
| | Plymouth ... | 82 | 1018.5 | +10 | NNE | 4 | bc | 47 | 75 | 6 | 5 | - | - | 0 | 0 | 0 | 1020.6 | +10 | N | 3 | bc | 42 | 85 | 8 | 2 | - | 1 | 1 | 2500 | 0 | 2 | 55 | 42 | 37 | - | - | 6.3 | | | | | | | | | | | | | |
| | The Lizard ... | 240 | 1019.5 | +24 | NNE | 4 | - | 44 | 85 | 7 | 5 | - | - | 0 | 0 | 0 | 1022.0 | +12 | NNE | 3 | bc | 44 | 85 | 8 | 8 | - | 4-6 | 4-6 | 2500 | 0 | 1 | 56 | 42 | * | - | - | 8.6 | | | | | | | | | | | | | |
| | Scilly (St. Mary's) ... | 163 | 1019.9 | +22 | NE | 4 | c/p | 62 | 92 | 6 | 8 | 6 | - | 4-6 | 9 | 1500 | 1021.8 | +10 | NNE | 5 | bc | 50 | 85 | 8 | 8 | - | 4-6 | 4-6 | 2500 | 0 | 3 | 55 | 49 | * | - | - | 7.2 | | | | | | | | | | | | | |
| | Guernsey ... | 175 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | |
| 6 | Pembroke ... | 142 | 1021.5 | +16 | NE | 3 | bc | 44 | 85 | 7 | 5 | - | - | 2-3 | 2-3 | 2500 | 1022.6 | +4 | NE | 2 | bc | 43 | 92 | 8 | 2 | 7 | 2-3 | 2-3 | 2500 | 1 | 1 | 55 | 42 | * | - | - | 7.0 | | | | | | | | | | | | | |
| 7 | Holyhead ... | 26 | 1022.3 | +6 | NE | 3 | bc | 49 | 85 | 8 | 2 | - | - | 2-3 | 2-3 | 2500 | 1023.2 | +2 | NE | 3 | bc | 50 | 75 | 8 | 8 | - | 4-6 | 4-6 | 2500 | 1 | 2 | 54 | 47 | 43 | - | - | 7.4 | | | | | | | | | | | | | |
| | Chester (Sealand) ... | 16 | 1022.4 | +2 | NNW | 2 | bc | 39 | 92 | 6 | 5 | - | - | 2-3 | 2-3 | 2500 | 1022.9 | +6 | NNW | 3 | bc | 30 | 92 | 6 | 5 | - | 4-6 | 4-6 | 4000 | 1 | * | 54 | 37 | 32 | 0.2 | - | 1.9 | | | | | | | | | | | | | |
| 8 | Manchester ... | 70 | 1021.8 | +2 | N | 2 | bc | 40 | 92 | 5 | 5 | - | - | 2-3 | 2-3 | 2500 | 1022.2 | +6 | NNE | 3 | bc | 39 | 92 | 5 | 8 | - | 7-8 | 7-8 | 2500 | 1 | * | 54 | 34 | 26 | - | - | 4.0 | | | | | | | | | | | | | |
| 10 | Spurn Head ... | 29 | 1018.5 | 0 | NE | 4 | c | 51 | 75 | 6 | 5 | - | - | 7-8 | 7-8 | 2500 | 1018.5 | +6 | NE | 5 | c | 50 | 65 | 6 | 6 | 9 | 2-3 | 9 | 2500 | 0 | 4 | 56 | 48 | * | - | - | 4.8 | | | | | | | | | | | | | |
| | Catterick ... | 175 | 1022.6 | +4 | NW | 2 | bc | 43 | 92 | 8 | 5 | - | - | 4-6 | 4-6 | 2500 | 1022.9 | +4 | NW | 2 | pr | 43 | 92 | 7 | 8 | 3 | 4-6 | 4-6 | 1500 | 1 | * | 52 | 41 | 35 | Tr | 0.4 | 4.8 | | | | | | | | | | | | | |
| | Tynemouth ... | 108 | 1018.0 | +4 | NE | 4 | bc | 49 | 75 | 7 | 2 | - | - | 4-6 | 4-6 | 2500 | 1023.4 | +4 | NE | 4 | bc | 50 | 75 | 7 | 8 | - | 4-6 | 4-6 | 2500 | 1 | 2 | 51 | 47 | 42 | 1 | 2 | * | | | | | | | | | | | | | |
| 11 | St. Abbs Head ... | 280 | 1025.2 | +8 | NE | 3 | bc | 48 | 75 | 8 | 3 | 4 | - | 4-6 | 4-6 | 1500 | 1025.1 | +4 | NNE | 3 | bc | 47 | 75 | 8 | 7 | 6 | 4-6 | 4-6 | 2500 | 0 | 2 | 50 | 45 | * | 3 | 1 | * | | | | | | | | | | | | | |
| | Leuchars ... | 36 | 1026.6 | +6 | NNW | 1 | bc | 41 | 92 | 7 | 8 | - | - | 4-6 | 4-6 | 2500 | 1026.3 | -2 | NNW | 1 | bc | 36 | 92 | 7 | 8 | - | 1 | 1 | 4000 | 1 | * | 53 | 35 | 26 | 1 | 2 | 5.2 | | | | | | | | | | | | | |
| 12 | Renfrew (Abbots) ... | 19 | 1026.7 | +6 | WSW | 2 | bc | 36 | 92 | 4 | - | - | - | 0 | 0 | 0 | 1026.9 | +2 | - | 0 | 3/f | 32 | 97 | 6 | 5 | - | Tr | Tr | 4000 | 1 | * | 49 | 27 | 27 | Tr | - | 1.4 | | | | | | | | | | | | | |
| | Eskdalemuir ... | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | |
| | Point of Ayre ... | 30 | 1024.3 | +6 | ENE | 4 | bc | 48 | 85 | 8 | 5 | - | - | Tr | Tr | 2500 | 1024.4 | 0 | E/N | 4 | bc | 47 | 85 | 8 | 4 | - | 1 | 1 | 2500 | 0 | 3 | 53 | 46 | * | - | - | 9.0 | | | | | | | | | | | | | |
| 13A | Tiree ... | 22 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | | |
| 13B | Stornoway ... | 80 | 1025.7 | +4 | - | 0 | bc | 41 | 92 | 7 | - | - | - | 0 | 0 | 0 | 1025.2 | -2 | SSW | 3 | c | 46 | 92 | 7 | 5 | 7 | 4-6 | 9 | 4000 | 0 | 2 | 52 | 39 | * | - | - | 9.0 | | | | | | | | | | | | | |
| 15 | Dalwhinnie ... | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | | |
| | Aberdeen ... | 79 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | | | | | |
| | Wick ... | 81 | 1027.0 | +6 | SSW | 3 | c | 46 | 85 | 7 | 5 | 7 | 2 | 7-8 | 7-8 | 800 | 1026.4 | +2 | SSW | 3 | bc | 38 | 97 | 8 | 5 | 8 | 2-3 | 4-6 | 1500 | 1 | 1 | 53 | 36 | * | - | - | 6.0 | | | | | | | | | | | | | |
| 16 | Lerwick ... | 156 | 1028.4 | +10 | W | 1 | bc | 44 | 92 | 8 | 5 | - | - | 2-3 | 2-3 | 1500 | 1026.4 | -12 | SSW | 3 | bc | 47 | 85 | 8 | 5 | 7 | 4-6 | 4-6 | 1500 | 0 | * | 51 | 43 | * | Tr | - | 5.1 | | | | | | | | | | | | | |
| 17 | Blackrod Point ... | 18 | 1024.7 | +2 | W/S | 1 | bc | 44 | 97 | 7 | - | - | - | 0 | 0 | 0 | 1025.6 | +4 | W/S | 1 | bc | 42 | 85 | 7 | - | - | 0 | 0 | 0 | 0 | 3 | 52 | 29 | * | - | - | * | | | | | | | | | | | | | |
| 18 | Malin Head ... | 84 | 1025.9 | +10 | SSW | 1 | bc | 40 | 85 | 7 | 8 | - | - | 2-3 | 2-3 | 4000 | 1026.1 | +2 | SSW | 1 | bc | 40 | 85 | 8 | 5 | - | 4-6 | 4-6 | 5700 | 0 | 2 | 52 | 37 | * | - | - | | | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON

BRITISH SECTION
Friday, 20th October, 1939.
No. 28, 456.

No. 28,456

[illegible]

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

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, 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, ngly, 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
K, 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 exist-
ing weather from preceding con-
ditions thus: —bc/r, fair weather
after rain; —, has decreased;
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

- 0 No low clouds.
- 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.

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.

Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.

An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.

"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.

"9+" signifies an overcast sky with a few small openings.

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

- 0 No medium clouds.
- 1 Typical As (thin).
- 2 Typical As (thick) (sun or moon invisible), or
Nimbostratus (Ns).
- 3 Single layer of Ac or high Sc.
- 4 Ac in isolated patches. Individually de-
creasing (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.

Cloud form abbreviations:—

Cirrus, -Ci : Cirrocumulus, -Ce : Cirrostratus, -Ci :
Stratocumulus, -Sc : Stratus, -St : Nimbostratus, -Ns :

COLUMN 29 —STATE OF GROUND.

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

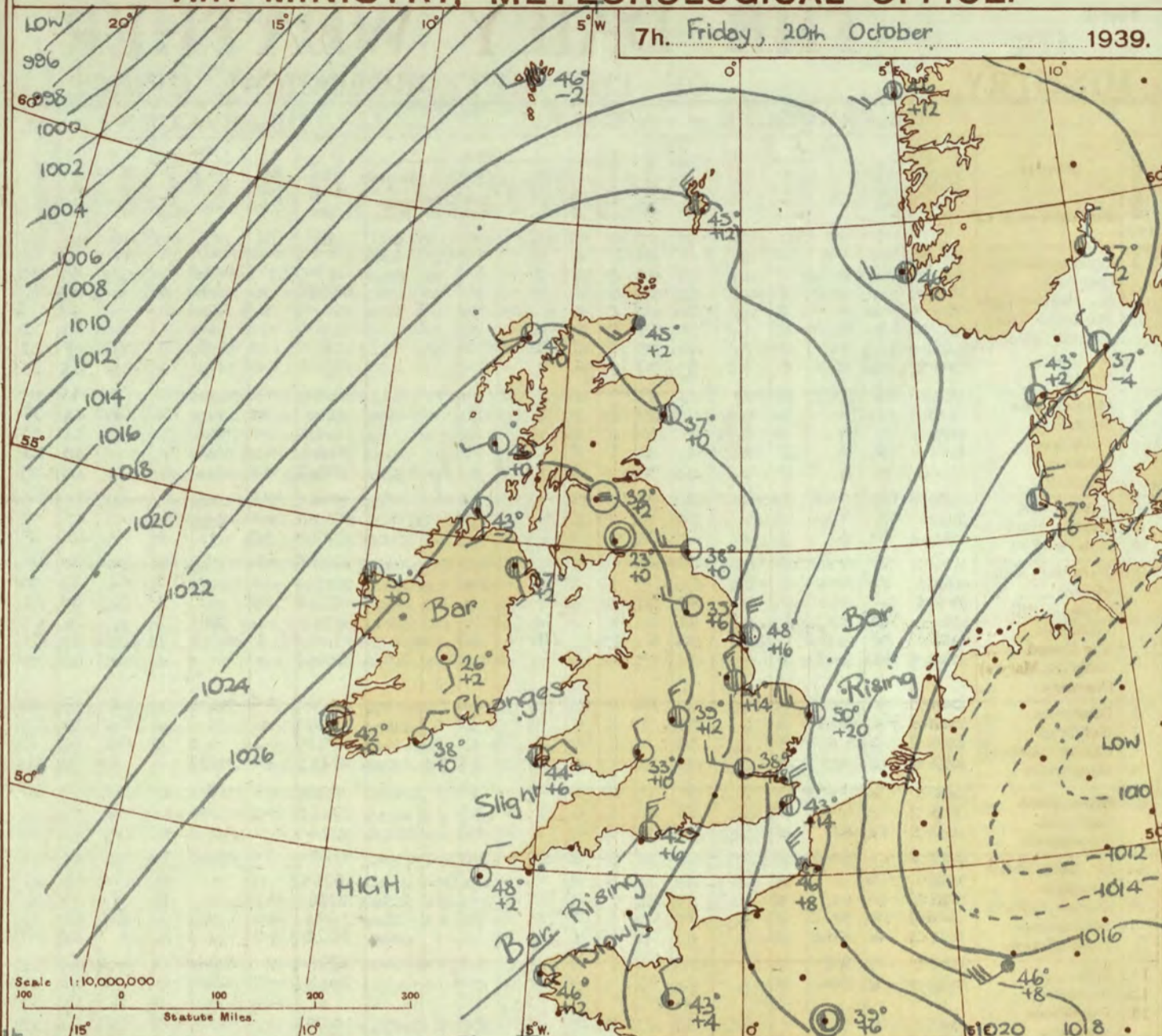
COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

- 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 Ce predominating, and a little cirrus.
- (Ce may occur with any of the types 1 to 8).

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday, 20th October 1939.

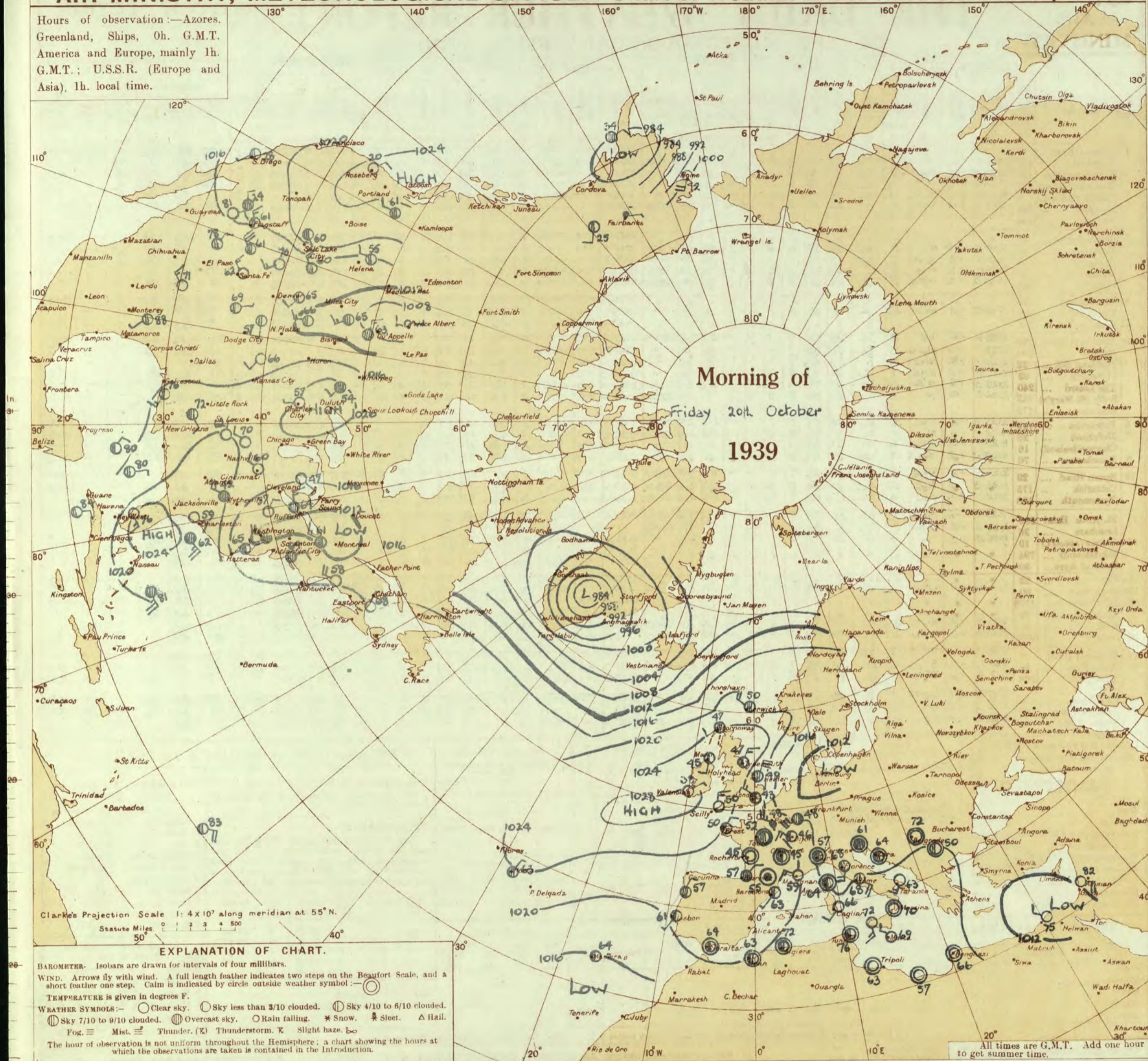


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| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th October, 1939. | BAROMETER. Isobars are drawn for intervals of two millibars. WIND, WEATHER SYMBOLS. For explanation see opposite page. SEA DISTURBANCE. Rough. High. BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature. |
|--|---|---|
| 1 S.E. England | Wind north moderate. Mainly fair, but some coastal showers. | GENERAL INFERENCE. |
| 2 E. England ... | Average temperature. | |
| 3 E. Midlands ... | Wind light variable. Fair or fine, but fog in many places at night. Average day temperature; frost at night. | An anticyclone covers the British Isles and depressions over Northwest Germany and near Iceland are moving northeastwards. Apart from a few scattered showers on the coast of Southeast England and some rain later in the extreme north of Scotland the weather will be fair, but fog will form in many places at night. |
| 4 W. Midlands ... | | |
| 5 S.W. England | Wind south to southwest, freshening to-morrow. Mainly fair to-day, some rain or drizzle to-morrow. Average temperature. | FURTHER OUTLOOK. |
| 6 South Wales ... | | |
| 7 North Wales ... | As 3 - 12. | Forecasts issued at 930 G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S. Director. |
| 8 N.W. England | | |
| 9 N. Midlands ... | As 3 - 12. | H.M.S.O. Press, Cornwall House, S.E.1 |
| 10 N.E. England | | |
| 11 S.E. Scotland | As 3 - 12. | S. 1102790 H. 4.09. D. 4.04. E. 3.12. S. 3.12. |
| 12 S.W. Scotland & Isle of Man. | | |
| 13 { A.W. Scotld. B.N.W. Scot- land. | As 3 - 12. | S. 1102790 H. 4.09. D. 4.04. E. 3.12. S. 3.12. |
| 14 Mid Scotland | | |
| 15 N. E. Scotland | As 3 - 12. | S. 1102790 H. 4.09. D. 4.04. E. 3.12. S. 3.12. |
| 16 Orkneys and Shetlands | | |
| 17 N. W. Ireland | As 3 - 12. | S. 1102790 H. 4.09. D. 4.04. E. 3.12. S. 3.12. |
| 18 N. E. Ireland | | |
| 19 S. E. Ireland | As 3 - 12. | S. 1102790 H. 4.09. D. 4.04. E. 3.12. S. 3.12. |
| 20 S. W. Ireland | | |

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Friday 20th October, 1935.
No. 28456.

| OBSERVATIONS at 1 hr. G.M.T. 20th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 20th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|------------|--------|---------|------------------------|---|----------------------|--------------------|--------|--------|----------|-----------|----------|------------|--------|---------|------------------------|---|------------------|----------------|--------------|---------------------|-----------------------|-------------------|----------------|------------------|-------------|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | | State of Ground. | Sea. | TEMPERATURE. | | | RAINFALL. | | | Sun- shine. | | | | | | | | | | | | | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | | | | | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. or Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) ... 18 | 1021.1 | +0.3 | NW | 3 | 13 | 75 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1021.4 | +0.3 | NW | 3 | 13 | 75 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 49 | 37 | 33 | 14 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | Croydon ... 217 | 1022.3 | +0.4 | NW | 2 | 40 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1022.4 | +0.4 | NW | 2 | 40 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 50 | 37 | 34 | 14 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | S. Farnborough ... 226 | 1022.1 | +0.2 | NW | 2 | 39 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1022.3 | +0.2 | NW | 2 | 39 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 50 | 37 | 34 | 14 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | Boscombe Down ... 417 | 1022.9 | +0.1 | NW | 2 | 41 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1023.0 | +0.1 | NW | 2 | 41 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 50 | 37 | 34 | 14 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | Calshot (St. Mary's) ... 8 | 1015.5 | +0.1 | NW | 2 | 44 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1015.6 | +0.1 | NW | 2 | 44 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 49 | 37 | 34 | 14 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | Lymington ... 346 | 1015.5 | +0.1 | NW | 2 | 44 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1015.6 | +0.1 | NW | 2 | 44 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 49 | 37 | 34 | 14 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | Manston ... 154 | 1015.5 | +0.1 | NW | 2 | 44 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1015.6 | +0.1 | NW | 2 | 44 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 49 | 37 | 34 | 14 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| 2 | Shoeburyness ... 11 | 1015.3 | +0.3 | NW | 5 | 48 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1015.6 | +0.3 | NW | 5 | 48 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 49 | 37 | 34 | 14 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | Felixstowe ... 15 | 1016.5 | +0.8 | NNW | 6 | 45 | 92 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1016.7 | +0.8 | NNW | 6 | 45 | 92 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 52 | 43 | 46 | 23 | 0.6 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | Gorleston ... 5 | 1010.9 | +0.2 | NW | 4 | 43 | 92 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1011.1 | +0.2 | NW | 4 | 43 | 92 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 50 | 41 | 37 | 3 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | Mildenhall ... 19 | 1010.9 | +0.2 | NW | 4 | 43 | 92 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1011.1 | +0.2 | NW | 4 | 43 | 92 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 50 | 41 | 37 | 3 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | Cranwell ... 240 | 1012.2 | +0.2 | NNW | 3 | 42 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1012.4 | +0.2 | NNW | 3 | 42 | 85 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 51 | 40 | 37 | 1 | 1 | 0.1 | 0.0 | | | | | | | | | | | | | |
| 3 | Birmingham ... 535 | 1023.2 | +0.1 | NW | 2 | 38 | 82 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1023.3 | +0.1 | NW | 2 | 38 | 82 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 52 | 37 | 32 | 1 | 1 | 5.2 | 5.2 | | | | | | | | | | | | | |
| | Upper Heyford ... 408 | 1023.2 | +0.1 | NW | 2 | 38 | 82 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1023.3 | +0.1 | NW | 2 | 38 | 82 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 52 | 37 | 32 | 1 | 1 | 5.2 | 5.2 | | | | | | | | | | | | | |
| 4 | Ross-on-Wye ... 223 | 1023.2 | +0.1 | NW | 2 | 38 | 82 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1023.3 | +0.1 | NW | 2 | 38 | 82 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 52 | 37 | 32 | 1 | 1 | 5.2 | 5.2 | | | | | | | | | | | | | |
| 5 | Hartland Point ... 299 | 1025.5 | +0.6 | NE | 2 | 49 | 75 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1025.6 | +0.6 | NE | 2 | 49 | 75 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 53 | 47 | 42 | 1 | 1 | 7.9 | 7.9 | | | | | | | | | | | | | |
| | Bristol ... 209 | 1025.5 | +0.6 | NW | 2 | 37 | 82 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1025.6 | +0.6 | NW | 2 | 37 | 82 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 53 | 33 | 22 | 1 | 1 | 3.9 | 3.9 | | | | | | | | | | | | | |
| | Portland Bill ... 32 | 1024.4 | +0.8 | NNE | 3 | 45 | 85 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1024.5 | +0.8 | NNE | 3 | 45 | 85 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 54 | 41 | 37 | 1 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | Plymouth ... 82 | 1025.5 | +0.1 | ENE | 1 | 41 | 82 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1025.6 | +0.1 | ENE | 1 | 41 | 82 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 55 | 38 | 29 | 1 | 1 | 0.5 | 0.5 | | | | | | | | | | | | | |
| | The Lizard ... 240 | 1025.5 | +0.6 | NW | 3 | 47 | 75 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1025.6 | +0.6 | NW | 3 | 47 | 75 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 55 | 38 | 29 | 1 | 1 | 0.6 | 0.6 | | | | | | | | | | | | | |
| | Scilly (St. Mary's) ... 163 | 1026.1 | 0 | N | 3 | 50 | 85 | 8 | 5 | 1 | 1 | 1 | 1 | 1 | 1026.1 | 0 | N | 3 | 50 | 85 | 8 | 5 | 1 | 1 | 1 | 1 | 1 | 55 | 48 | 41 | 1 | 1 | 8.5 | 8.5 | | | | | | | | | | | | | | |
| | Guernsey ... 175 | 1026.1 | 0 | N | 3 | 50 | 85 | 8 | 5 | 1 | 1 | 1 | 1 | 1 | 1026.1 | 0 | N | 3 | 50 | 85 | 8 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 55 | 48 | 41 | 1 | 1 | 8.5 | 8.5 | | | | | | | | | | | | | |
| 6 | Pembroke ... 142 | 1025.8 | +0.4 | NNE | 3 | 46 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1025.9 | +0.4 | NNE | 3 | 46 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 55 | 42 | 35 | 1 | 1 | 6.8 | 6.8 | | | | | | | | | | | | | |
| 7 | Holyhead ... 26 | 1025.7 | +0.2 | NW | 2 | 32 | 92 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1025.9 | +0.2 | NW | 2 | 32 | 92 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 53 | 30 | 25 | 1 | 1 | 2.4 | 2.4 | | | | | | | | | | | | | |
| | Chester (Sealand) ... 16 | 1025.3 | +0.2 | NW | 2 | 32 | 92 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1025.5 | +0.2 | NW | 2 | 32 | 92 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 53 | 27 | 20 | 1 | 1 | 3.3 | 3.3 | | | | | | | | | | | | | |
| 8 | Manchester ... 70 | 1025.3 | +0.2 | NW | 2 | 32 | 92 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1025.5 | +0.2 | NW | 2 | 32 | 92 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 53 | 27 | 20 | 1 | 1 | 3.3 | 3.3 | | | | | | | | | | | | | |
| 10 | Spurn Head ... 29 | 1021.0 | +0.4 | NNE | 6 | 49 | 65 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1021.4 | +0.4 | NNE | 6 | 49 | 65 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 53 | 47 | 41 | 1 | 1 | 0.0 | 0.0 | | | | | | | | | | | | | |
| | Catterick ... 175 | 1025.3 | +0.4 | NW | 2 | 40 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1025.7 | +0.4 | NW | 2 | 40 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 51 | 33 | 28 | 0.6 | 1 | 4.4 | 4.4 | | | | | | | | | | | | | |
| | Tynemouth ... 108 | 1024.7 | +0.4 | NW | 3 | 41 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1025.1 | +0.4 | NW | 3 | 41 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 51 | 33 | 28 | 0.6 | 1 | 4.4 | 4.4 | | | | | | | | | | | | | |
| 11 | St. Abbs Head ... 280 | 1025.3 | -0.6 | NW | 1 | 45 | 65 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1025.3 | -0.6 | NW | 1 | 45 | 65 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 49 | 42 | 35 | 1 | 1 | 5.5 | 5.5 | | | | | | | | | | | | | |
| | Leuchars ... 36 | 1025.2 | -0.6 | W'S | 2 | 36 | 92 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1025.2 | -0.6 | W'S | 2 | 36 | 92 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 53 | 28 | 28 | 1 | 1 | 6.7 | 6.7 | | | | | | | | | | | | |
| 12 | Benbow (Abbots L.) ... 19 | 1026.4 | +0.2 | 1 | 0 | 30 | 97 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1026.4 | +0.2 | 1 | 0 | 30 | 97 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 50 | 23 | 17 | 1 | 1 | 7.5 | 7.5 | | | | | | | | | | | | | |
| | Eskdalemuir ... 794 | 1026.4 | +0.2 | 1 | 0 | 30 | 97 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1026.4 | +0.2 | 1 | 0 | 30 | 97 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 50 | 23 | 17 | 1 | 1 | 7.5 | 7.5 | | | | | | | | | | | | | |
| | Point of Ayre ... 30 | 1026.4 | +0.2 | 1 | 0 | 30 | 97 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1026.4 | +0.2 | 1 | 0 | 30 | 97 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 50 | 23 | 17 | 1 | 1 | 7.5 | 7.5 | | | | | | | | | | | | | |
| 13A | Tiree ... 22 | 1026.4 | -0.4 | W'S | 2 | 41 | 92 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1026.4 | -0.4 | W'S | 2 | 41 | 92 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 53 | 42 | 35 | 1 | 1 | 5.5 | 5.5 | | | | | | | | | | | | |
| 13B | Stornoway ... 80 | 1026.4 | -0.4 | W'S | 2 | 41 | 92 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1026.4 | -0.4 | W'S | 2 | 41 | 92 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 53 | 42 | 35 | 1 | 1 | 5.5 | 5.5 | | | | | | | | | | | | |
| 15 | Dalwhinnie ... 1176 | 1022.9 | -0.8 | NW | 3 | 47 | 85 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1022.9 | -0.8 | NW | 3 | 47 | 85 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 50 | 25 | 19 | 1 | 1 | 6.5 | 6.5 | | | | | | | | | | | | | |
| | Aberdeen ... 79 | 1022.9 | -0.8 | NW | 3 | 47 | 85 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1022.9 | -0.8 | NW | 3 | 47 | 85 | 7 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 50 | 25 | 19 | 1 | 1 | 6.5 | 6.5 | | | | | | | | | | | | | |
| | Wick ... 81 | 1020.3 | -0.6 | NW | 4 | 50 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1020.3 | -0.6 | NW | 4 | 50 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 49 | 41 | 35 | 0.2 | 1 | 5.1 | 5.1 | | | | | | | | | | | | | |
| 16 | Lerwick ... 156 | 1020.3 | -0.6 | NW | 4 | 50 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1020.3 | -0.6 | NW | 4 | 50 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 49 | 41 | 35 | 0.2 | 1 | 5.1 | 5.1 | | | | | | | | | | | | | |
| 17 | Blackrod Point ... 18 | 1026.0 | -0.2 | S | 3 | 50 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1026.0 | -0.2 | S | 3 | 50 | 85 | 8 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 55 | 48</ | | | | | | | | | | | | | | | | | | |

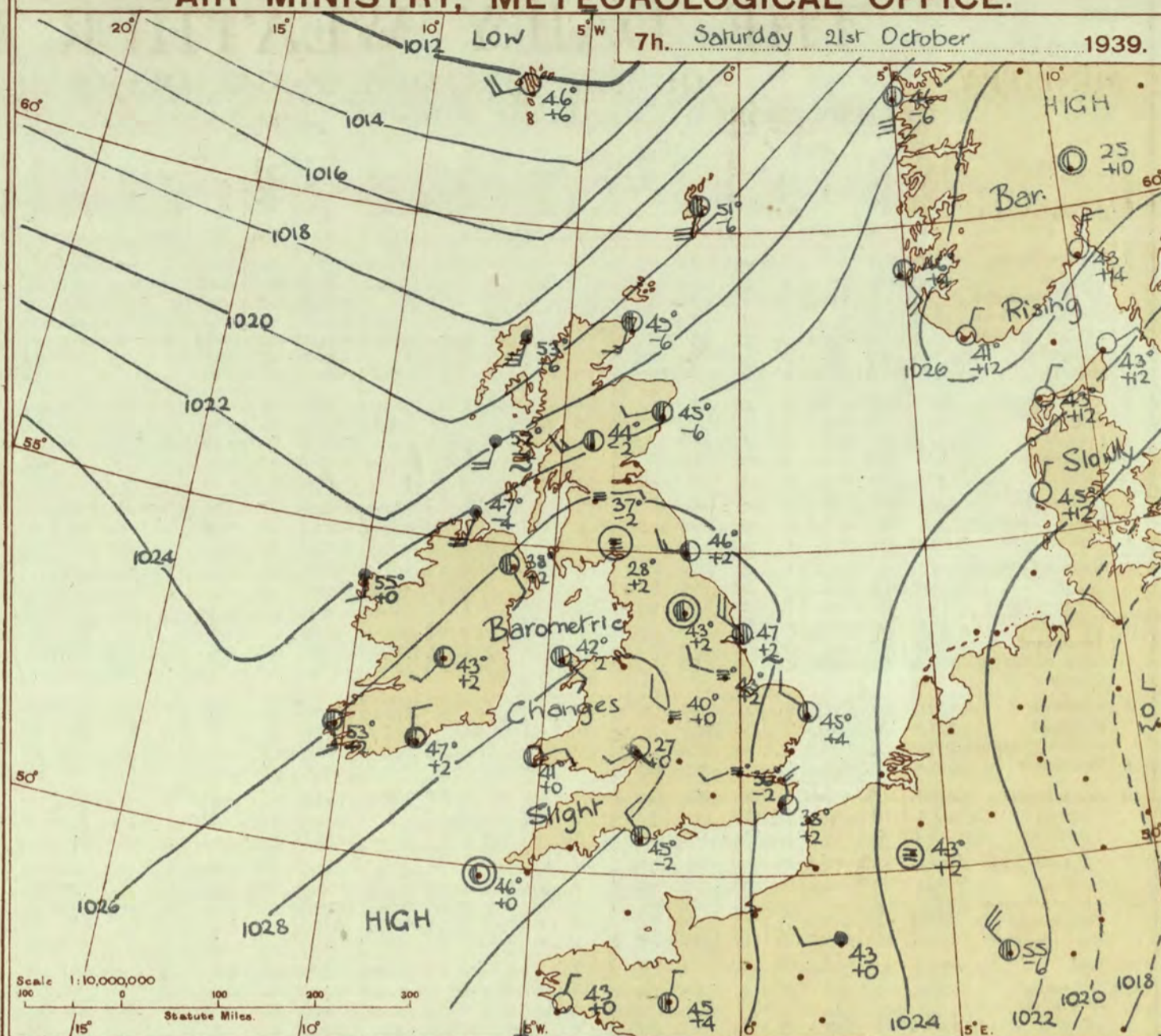
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

| COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER. | COLUMNS 9, 23.—FORM OF LOW CLOUD. | COLUMNS 10, 24.—FORM OF MEDIUM CLOUD. | COLUMNS 11, 25.—FORM OF CIRRUS CLOUD. |
|---|--|--|---------------------------------------|
| 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, 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. | 0 No low clouds. 1 Fair weather Cu. 2 Large Cu without anvil. 3 Cb. 4 Sc formed by the spreading out | |

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 21st October 1939.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st October, 1939.

- 1 S.E. England
- 2 E. England ...
- 3 E. Midlands ...
- 4 W. Midlands ...
- 5 S.W. England
- 6 South Wales ...
- 7 North Wales ...
- 8 N.W. England
- 9 N. Midlands ...
- 10 N.E. England

Wind light, variable; fair or fine with extensive fog at night dispersing rather slowly locally; average day temperature, frost at night.

- 11 S.E. Scotland
- 12 S.W. Scotland & Isle of Man.

Wind south, veering to southwest, fresh; occasional rain; average temperature.

- 13 { A.W.Scotld.
B.N.W.Scot-
land.

Wind southwest, moderate to fresh; some rain to day, bright periods tomorrow; average temperature.

- 14 Mid Scotland
- 15 N. E. Scotland
- 16 Orkneys and Shetlands

- 17 N. W. Ireland
- 18 N. E. Ireland
- 19 S. E. Ireland
- 20 S. W. Ireland

As 11 - 12.

As 0 - 10.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone covers England and Wales and the North Sea and a trough of low pressure lying along the western Seaboard is moving eastwards at its northern end, but is almost stationary south of Ireland. There will be rain in most of Scotland and west Ireland, but apart from morning fog, the weather will be fine in England and Wales.

FURTHER OUTLOOK.

Fair but foggy in England and Wales, unsettled in the North and West.

Forecasts issued at 1100 G.M.T.

N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

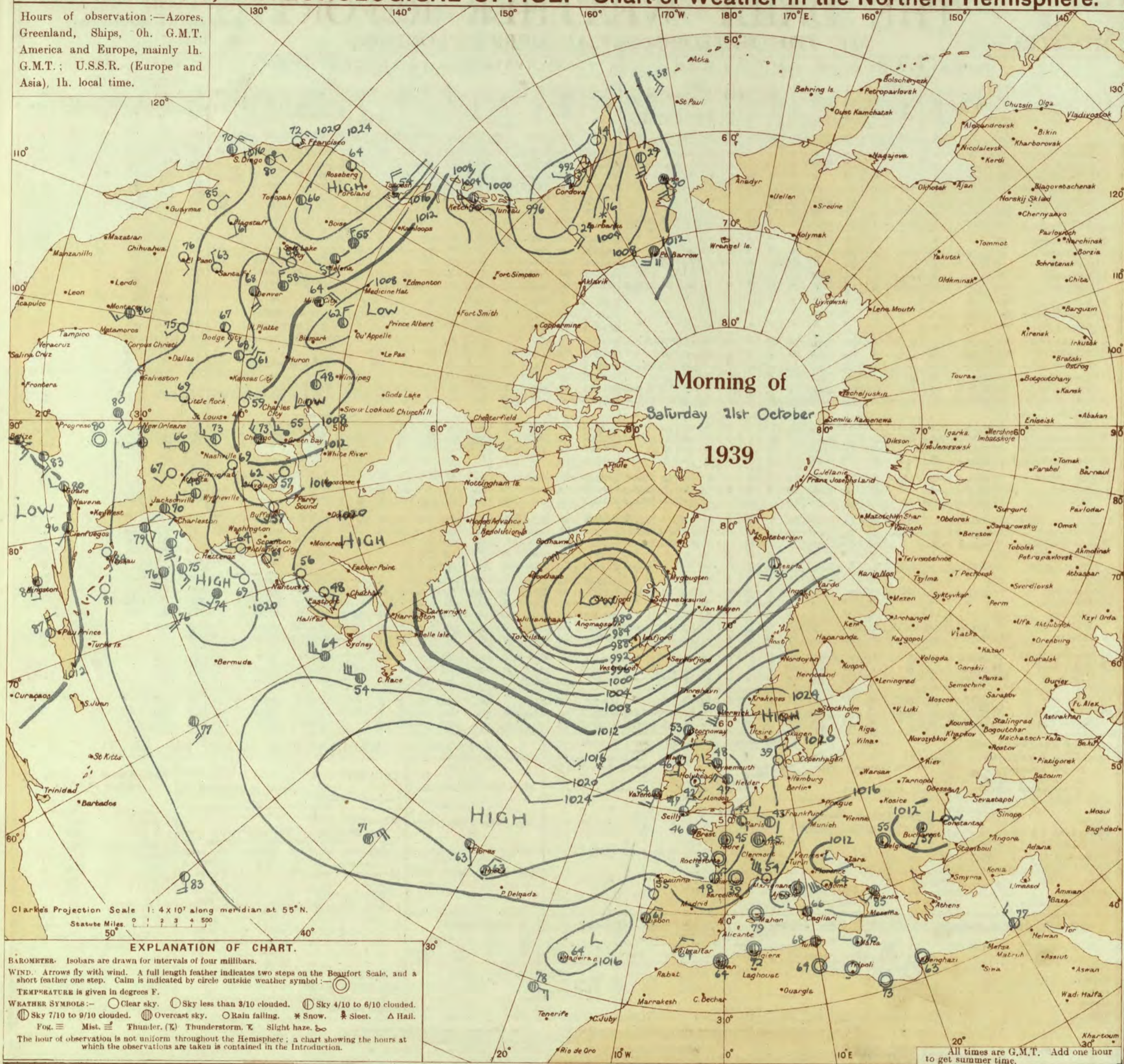
H.M.S.O. Press, Cornwall House, S.E.

1/17/39 No. 109, D. 100, G. 1-2

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AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday 21st October, 1939.
No. 28,457.

| OBSERVATIONS at 1 hr. G.M.T. 21st October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 21st October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | |
|---|---------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|---------|------|---|-----------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|---------|------|------------------------|------------------|----------------|--------------|---------------------|-----------------------|-------------------|----------------|------------------|-----|-----|-----|-----|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | State of ground. | Sea. | TEMPERATURE. | | | RAINFALL. | | SUNSHINE Hrs. | | | | | | | | | | | | | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | | Height of Base (feet). | | | Direc. | Force. | | | | | Form. | Amount. | | Height of Base (feet). | | | | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. | | | | | | | | | | | | | |
| | | | | | | | | | | | | Low. | Med. | High. | | | | | | | | | | Low. | Med. | High. | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) | 18 | * | * | * | * | * | * | * | * | * | * | * | * | 1027.1 | 0 | WSW | 1 | m | 41 | 32 | 4 | 5 | - | - | 9 | 9 | 4000 | 1 | * | 51 | 40 | 29 | Tr | - | 3.6 | | | | | | | | | | | |
| | Croydon | 217 | 1027.4 | -2 | WN | 1 | 11 | 41 | 35 | 4 | S | - | - | 10 | 10 | 4000 | 1026.9 | -2 | WS | 1 | b/f | 36 | 32 | 4 | - | 4 | 6 | 0 | 1 | - | 51 | 35 | 28 | Tr | - | 3.2 | | | | | | | | | | | |
| | S. Farnborough | 226 | * | * | * | * | * | * | * | * | * | * | * | * | 1027.4 | 0 | WSW | 2 | c/f | 35 | 37 | 4 | - | 3 | - | 0 | 9 | - | 1 | * | 52 | 34 | 27 | Tr | - | 4.1 | | | | | | | | | | | |
| | Boscombe Down | 417 | 1028.3 | -2 | NW | 1 | 20 | 37 | 35 | 6 | - | - | - | 0 | 0 | - | 1027.4 | +2 | WSW | 2 | 20 | 38 | 37 | 5 | - | 3 | - | 0 | 0 | - | 49 | 33 | 31 | Tr | - | 5.6 | | | | | | | | | | | |
| | Calshot (Stmntn.) | 8 | 1027.7 | -2 | NW | 3 | m | 39 | 32 | 4 | - | - | - | 0 | 0 | - | 1027.0 | -2 | NW | 3 | 39 | 32 | 5 | - | 3 | - | 0 | 1 | - | 2 | 53 | 38 | 36 | * | - | 5.9 | | | | | | | | | | | |
| | Lympne | 346 | 1026.3 | -2 | NNW | 2 | 20 | 38 | 36 | 6 | - | - | - | 0 | 2.3 | - | 1025.6 | +2 | NW | 3 | 38 | 32 | 5 | - | 4 | - | 0 | 2.3 | - | 51 | 37 | 35 | - | - | 5.7 | | | | | | | | | | | | |
| | Manston | 154 | 1025.9 | 0 | NW | 4 | c | 37 | 38 | 7 | S | - | - | 7.8 | 7.8 | 4000 | 1025.2 | +2 | NNW | 4 | 36 | 32 | 5 | 5 | - | - | 2.3 | 2.3 | 2500 | 0 | * | 53 | 45 | 40 | - | - | 2.6 | | | | | | | | | | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | * | * | 1025.7 | 0 | NW | 2 | b | 39 | 37 | 6 | - | - | - | 0 | 0 | - | 1 | * | 54 | 38 | 38 | - | Tr | 3.5 | | | | | | | | | | | |
| | Felixstowe | 15 | 1024.9 | -2 | NW | 2 | 20 | 42 | 35 | 6 | S | - | - | 0 | 3 | - | 1024.6 | 0 | NW | 3 | m | 42 | 37 | 4 | - | 4 | 1 | 0 | Tr | - | 54 | 42 | 38 | Tr | 0.1 | 2.8 | | | | | | | | | | | |
| | Gorleston | 5 | 1024.5 | -2 | NW | 2 | bc | 46 | 35 | 6 | S | - | - | 2.3 | 2.3 | 2500 | 1024.6 | +4 | NW | 2 | bc | 45 | 37 | 5 | 4 | - | 4.6 | 4.6 | 2500 | 1 | 2 | 53 | 43 | 41 | Tr | - | 1.0 | | | | | | | | | | |
| | Mildenhall | 19 | 1026.1 | -4 | WNW | 2 | 20 | 38 | 37 | 5 | S | - | - | 0 | 0 | - | 1026.2 | +6 | WS | 2 | bc | 36 | 37 | 3 | 5 | - | 0 | 9 | 5700 | 1 | * | 52 | 34 | 27 | Tr | - | 5.7 | | | | | | | | | | |
| | Cranwell | 240 | 1028.7 | -2 | WN | 3 | off | 41 | 32 | 8 | S | - | - | 10 | 10 | 4000 | 1028.8 | +2 | NW | 2 | m | 43 | 32 | 4 | 5 | - | 0 | 9 | 5700 | 0 | * | 52 | 40 | 38 | - | - | 5.7 | | | | | | | | | | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | * | * | 1028.0 | 0 | NW | 2 | b/f | 40 | 35 | 3 | - | 4 | - | 0 | 1 | - | 1 | * | 49 | 39 | 31 | Tr | - | 5.1 | | | | | | | | | | | |
| | Upper Heyford | 408 | * | * | * | * | * | * | * | * | * | * | * | * | 1027.7 | +2 | NW | 1 | m | 36 | 37 | 4 | 5 | 4 | - | 2.3 | 4.6 | 4000 | 1 | * | 49 | 35 | 27 | - | - | - | | | | | | | | | | | |
| 4 | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | * | * | * | 1028.5 | 0 | SW | 1 | 20 | 27 | 37 | 5 | - | - | 0 | 0 | - | 1 | * | 51 | 26 | 20 | - | - | 9.3 | | | | | | | | | | | | |
| 5 | Hartland Point | 299 | 1028.4 | +2 | ESE | 2 | bc | 45 | 75 | 5 | 1 | - | - | 2.3 | 2.3 | 4000 | 1027.9 | +2 | SE | 1 | b | 46 | 75 | 8 | 1 | - | Tr | Tr | 4000 | 0 | 1 | 52 | 41 | 37 | - | - | 6.7 | | | | | | | | | | |
| | Bristol | 209 | 1028.5 | -4 | WN | 1 | 20 | 38 | 36 | 6 | S | - | - | 0 | 0 | - | 1028.3 | +2 | - | 0 | b/f | 31 | 37 | 3 | - | - | 0 | 0 | - | 1 | * | 50 | 30 | 20 | - | - | 8.2 | | | | | | | | | | |
| | Portland Bill | 32 | 1027.4 | +4 | NNE | 2 | bc | 43 | 32 | 7 | 5 | - | - | 2.3 | 2.3 | 4000 | 1026.5 | -2 | NW | 2 | c | 45 | 35 | 7 | 5 | - | 7.8 | 7.8 | 4000 | 1 | 2 | 51 | 41 | - | - | - | | | | | | | | | | | |
| | Plymouth | 82 | 1029.3 | 0 | NE | 1 | 20 | 37 | 37 | 5 | - | - | - | 0 | 0 | - | 1028.5 | 0 | NE | 1 | 20 | 35 | 35 | 5 | - | 0 | 0 | - | 0 | 1 | 54 | 35 | 29 | - | - | 8.7 | | | | | | | | | | | |
| | The Lizard | 240 | 1028.8 | +6 | ENE | 2 | c | 45 | 32 | 7 | 6 | 6 | - | 7.8 | 7.8 | 2500 | 1028.8 | 0 | NE | 2 | pc | 45 | 35 | 8 | 8 | - | 2.3 | 2.3 | 2500 | 0 | 1 | 57 | 43 | - | - | - | 6.3 | | | | | | | | | | |
| | Scilly (St. Mary's) | 163 | 1028.9 | -2 | NE | 2 | bc | 47 | 35 | 8 | 1 | - | - | 2.3 | 2.3 | 2500 | 1028.3 | 0 | - | 0 | bc | 46 | 32 | 8 | 4 | - | 2.3 | 2.3 | 2500 | 0 | 0 | 56 | 44 | - | - | - | 8.8 | | | | | | | | | | |
| | Guernsey | 175 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | |
| 6 | Pembroke | 142 | 1028.6 | +2 | E/N | 2 | b | 43 | 32 | 7 | - | - | - | 0 | 0 | - | 1028.3 | 0 | E/N | 2 | bc | 41 | 37 | 7 | 1 | - | 2.3 | 2.3 | 2500 | 0 | 1 | 54 | 39 | - | - | - | 2.7 | | | | | | | | | | |
| 7 | Holyhead | 26 | 1028.0 | 0 | SE | 2 | b | 42 | 37 | 6 | - | - | - | 0 | 0 | - | 1027.5 | -2 | SE | 1 | bc | 42 | 37 | 7 | 1 | 3 | - | 7.8 | 7.8 | 1500 | 0 | 1 | 54 | 40 | - | - | - | 7.2 | | | | | | | | | |
| | Chester (Sealand) | 16 | 1028.4 | +2 | - | 0 | b/f | 33 | 37 | 1 | - | - | - | 0 | 0 | - | 1028.3 | +4 | - | 0 | b/f | 32 | 37 | 2 | - | - | 0 | 0 | - | 3 | * | 53 | 31 | - | - | - | 8.0 | | | | | | | | | | |
| 8 | Manchester | 70 | 1028.4 | +2 | - | 0 | F | 35 | 37 | 8 | - | - | - | 0 | 0 | - | 1028.4 | +2 | - | 0 | F | 38 | 37 | 0 | - | - | 0 | 0 | <150 | 1 | * | 52 | 31 | 27 | Tr | - | 5.8 | | | | | | | | | | |
| 10 | Spurn Head | 29 | 1026.5 | +2 | NW | 3 | 0 | 47 | 75 | 6 | S | - | - | 10 | 10 | 2500 | 1026.7 | +2 | NW | 4 | 0 | 47 | 35 | 5 | 5 | - | 10 | 10 | 1500 | 0 | 5 | 52 | 47 | - | - | - | 0.0 | | | | | | | | | | |
| | Catterick | 175 | 1027.1 | -8 | - | 3 | 0 | 46 | 35 | 7 | S | - | - | 10 | 10 | 2500 | 1026.7 | +2 | - | 0 | 20 | 43 | 37 | 6 | 5 | 3 | - | 7.8 | 9 | 2500 | 1 | * | 53 | 38 | 32 | Tr | - | 9.1 | | | | | | | | | |
| | Tynemouth | 108 | 1026.3 | +2 | W | 2 | c | 48 | 35 | 6 | 8 | - | - | 9 | 9 | 2500 | 1026.3 | +2 | W | 3 | c | 46 | 35 | 6 | 8 | 3 | 1 | 7.8 | 7.8 | 1500 | 1 | 1 | 54 | 46 | 42 | - | 0.1 | * | | | | | | | | | |
| 11 | St. Abbs Head | 280 | 1025.9 | 0 | WNW | 3 | c | 51 | 75 | 7 | 5 | 3 | - | 7.8 | 9 | 2500 | 1026.2 | 0 | WSW | 1 | bc | 45 | 76 | 8 | 5 | 3 | 4 | 2.3 | 4.6 | 2500 | 0 | 1 | 53 | 42 | - | - | - | 7.4 | | | | | | | | | |
| | Leuchars | 36 | 1025.4 | -2 | WSW | 2 | 20 | 47 | 35 | 6 | 5 | - | - | 4.6 | 4.6 | 2500 | 1025.0 | +2 | WSW | 2 | 20 | 44 | 32 | 5 | 5 | 7 | - | 7.8 | 7.8 | 4000 | 1 | * | 57 | 43 | 36 | - | - | 1.5 | | | | | | | | | |
| 12 | Renfrew (Abbots L.) | 19 | 1026.6 | 0 | - | 0 | f | 36 | 37 | 2 | S | - | - | 2.3 | 2.3 | 2500 | 1026.1 | -2 | E | 1 | c/f | 37 | 37 | 2 | 5 | - | 0 | 9 | 4000 | 1 | * | 54 | 31 | 30 | - | - | 5.0 | | | | | | | | | | |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | | | | |
| | Point of Ayre | 30 | 1027.2 | +2 | WS | 2 | b | 40 | 32 | 8 | 4 | - | - | Tr | Tr | 4000 | 1026.8 | -2 | WSW | 1 | bc | 40 | 32 | 8 | - | - | 0 | 0 | - | 0 | 1 | 55 | 37 | - | - | - | 7.9 | | | | | | | | | | |
| 13A | Tiree | 22 | * | * | * | * | * | * | * | * | * | * | * | * | 1021.6 | -4 | SW | 4 | Tr | 52 | 32 | 7 | - | 2 | - | 10 | 10 | 1500 | 1 | 4 | 57 | 49 | 45 | - | 2 | 6.2 | | | | | | | | | | | |
| 13B | Stornoway | 80 | 1022.0 | -8 | SSW | 4 | c | 53 | 35 | 7 | 5 | 2 | - | 4.6 | 10 | 2500 | 1019.1 | -6 | SSW | 6 | 36 | 53 | 32 | 6 | 6 | 2 | - | 9 | 10 | 800 | 1 | 3 | 55 | 49 | - | 3 | 6.1 | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | 1025.0 | -2 | SW | 3 | c | 44 | 32 | 7 | 4 | 6 | 5 | 4.6 | 9 | 2500 | 0 | * | 52 | 37 | 28 | - | - | 3.5 | | | | | | | | | | | |
| | Aberdeen | 79 | * | * | * | * | * | * | * | * | * | * | * | * | 1023.7 | -6 | WS | 1 | c | 45 | 35 | 6 | 5 | 3 | - | 0 | 9 | 4000 | 0 | 1 | 56 | 37 | 30 | - | - | 6.5 | | | | | | | | | | | |
| | Wick | 81 | 1023.0 | -4 | SSW | 3 | bc | 48 | 32 | 7 | 5 | 7 | - | 2.3 | 4.6 | 1500 | 1021.1 | -6 | SSW | 3 | c | 49 | 35 | 8 | 5 | 7 | 8 | 4.6 | 7.8 | 1500 | 1 | 1 | 53 | 45 | - | 0.2 | - | | | | | | | | | | |
| 16 | Lerwick | 156 | 1022.2 | -14 | SSW | 5 | c | 50 | 32 | 8 | 5 | 7 | - | 4.6 | 7.8 | 800 | 1019.7 | -6 | SSW | 6 | c | 51 | 32 | 8 | 5 | 7 | - | 4.6 | 7.8 | 800 | 1 | * | 53 | 46 | - | - | 3.9 | | | | | | | | | | |
| 17 | Blacksod Point | 18 | 1024.4 | -6 | S | 4 | c | 55 | 35 | 7 | - | 7 | - | 0 | 7.8 | - | 1024.1 | 0 | S | 2 | pc | 55 | 32 | 7 | 6 | - | 10 | 10 | 220 | 1 | 2 | 57 | 53 | - | - | 1 | * | | | | | | | | | | |
| 18 | Malin Head | 84 | 1025.1 | -4 | S | 3 | bc | 46 | 35 | 7 | - | 4 | - | 0 | 2.3 | - | 1024.0 | -4 | SW | 4 | pc | 47 | 35 | 7 | 6 | 2 | - | 2.3 | 0 | 2500 | 0 | 3 | 57 | 43 | - | 0.1 | | | | | | | | | | | |

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 22nd October 1939
No. 28458

OBSERVATIONS at 13h. GMT 21st October

OBSERVATIONS at 18h GMT 21st October

PAST 24 HOURS.

[illegible]

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

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_c, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s_c/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). ↗gate.
⊕ Solar halo. ⊙ lunar halo. ⇨ Aurora.
With present weather is combined,
whenever possible, the general
character of the weather.

A "solidus" divides actual exist-
ing weather from preceding con-
ditions thus: —bc/r, fair weather
after rain; —, has decreased;
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

- 0 No low clouds.
- 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.

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.

An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

- 0 No medium clouds.
- 1 Typical As (thin).
- 2 Typical As (thick) (sun or moon invisible), or
Nimbostratus (Ns).
- 3 Single layer of Ac or high Sc.
- 4 Ac in isolated patches. Individually de-
creasing (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.

Cloud form abbreviations:—
Cirrus,—Ci: Cirrocumulus,—Cc: C
Stratocumulus,—Sc: S

COLUMN 29 — STATE OF GROUND.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

- 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 cirrus.

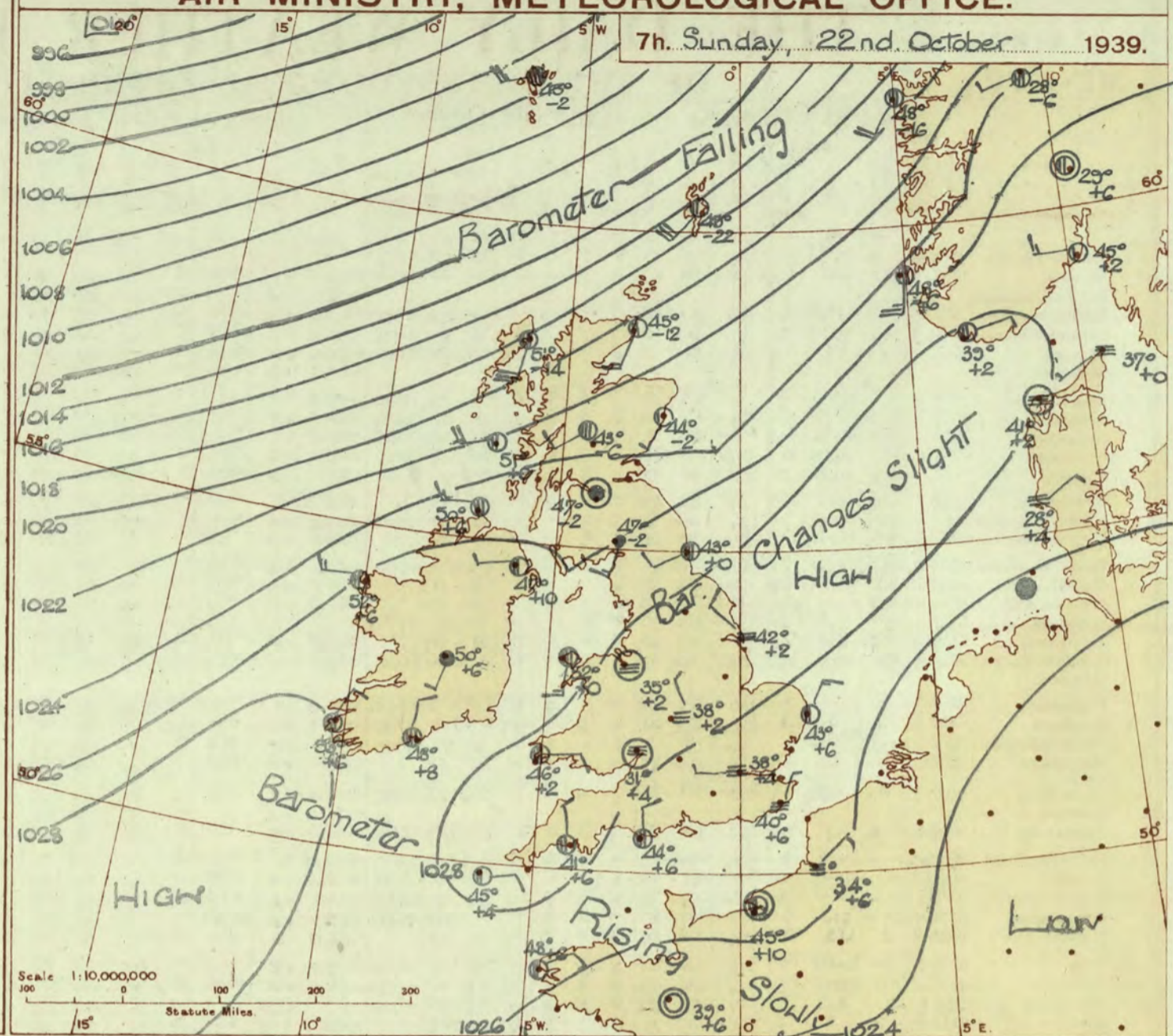
(Cc may occur with any of the types 1 to 8).

| | | |
|---------------|-------------------|--------------------|
| atus, -Cs: | Altocumulus, -Ac: | Altostratus, -As: |
| stratus, -Ns: | Cumulus, -Cu: | Cumulonimbus, -Cb. |

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday, 22nd October 1939.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd October, 1939.

- 1 S.E. England
- 2 E. England ...
- 3 E. Midlands ...
- 4 W. Midlands ...
- 5 S.W. England
- 6 South Wales ...
- 7 North Wales ...
- 8 N.W. England
- 9 N. Midlands ...
- 10 N.E. England
- 11 S.E. Scotland
- 12 S.W. Scotland & Isle of Man.
- 13 { A. W. Scotld.
B.N.W.Scot-
land.
- 14 Mid Scotland
- 15 N. E. Scotland
- 16 Orkneys and Shetlands
- 17 N. W. Ireland
- 18 N. E. Ireland
- 19 S. E. Ireland
- 20 S. W. Ireland

Wind light variable. Fair but extensive fog at night, persisting locally during the day. Rather cold with frost at night.

Wind light or moderate southwest. Cloudy with occasional rain or drizzle. Average temperature.

Wind southwest fresh or strong. Showery, bright periods. Average temperature.

As 8 - 12.

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A belt of high pressure extends from the Azores over England to the Baltic and pressure is very low to the north of Iceland. Quiet fair weather with much fog will persist over southern districts and showery weather with bright intervals at the North.

FURTHER OUTLOOK.

Quiet fair but foggy weather in the South; unsettled in the North.

Forecasts issued at 0930 G.M.T.

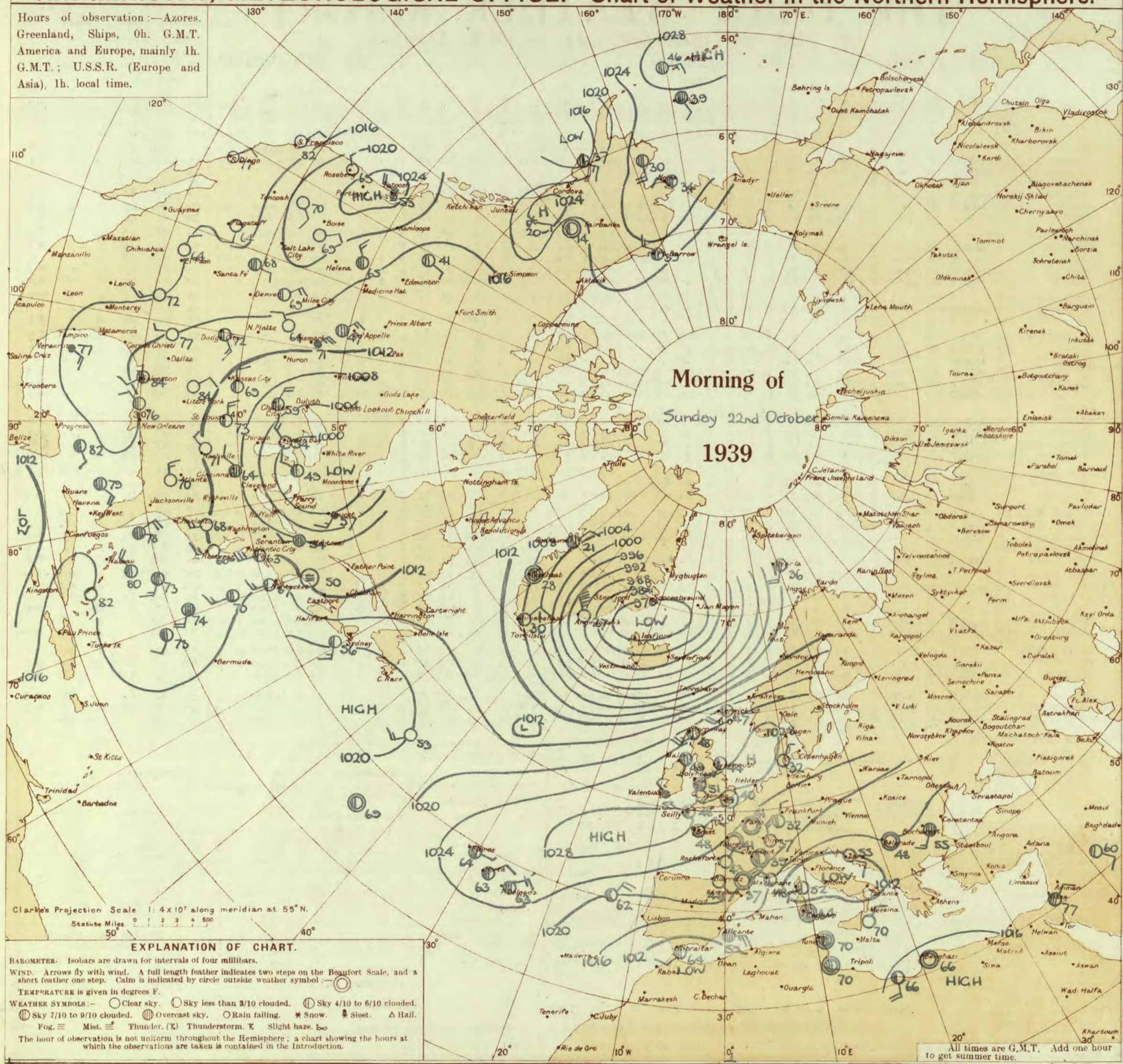
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

M.S.O. Press, Cornwall House, S.S.

174/3728 No. 103 D. 1047 S. 1-1 S. 25

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh: G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 22nd October 1939
No 28,458.

| OBSERVATIONS at 1 hr. G.M.T. 22nd October | | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 22nd October | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------------|----------------------|------------------------|------------|------------|----------|---------------|--------------|---------------------|-----------|--------------|------------|-----------------------------|---|-----------------------|-------------------------|-------|---|----------|----------------|---------------|----------------------|--------|------------|--------------|------------|-----------------------------|---------------------------|---------------|--------------|----|----|-----------|-----|------------------------|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | | State of Ground. 0-9 (29) | Sea. 0-9 (30) | TEMPERATURE. | | | RAINFALL. | | Sun-shine 24 hrs. (36) | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Direc. (3) | Force. (4) | | | | | Form. (9) | Amount. (10) | | Height of Base. (feet) (14) | | | | | | | | | | | Form. (23) | Amount. (24) | | Height of Base. (feet) (28) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Low. (11) | Med. (12) | High. (13) | | | | | | | | | | | | Low. (25) | Med. (26) | High. (27) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) | 118 | 1027.0 | 0 | * | * | bt | 40 | 97 | 2 | * | * | * | * | * | 1027.4 | +8 | NW | 1 | F | 39 | 97 | 1 | * | * | * | 10 | 10 | 450 | 1 | * | 38 | 28 | | | 0.1 | 1.9 | | | | | | | | | | | | | | | | | | | | | | |
| | Croydon | 217 | 1027.0 | 0 | * | * | bt | 40 | 97 | 2 | * | * | * | * | * | 1027.6 | +4 | W | 1 | F | 38 | 97 | 1 | * | * | * | 10 | 10 | 450 | 1 | * | 53 | 37 | 31 | Tr | Tr | 2.1 | | | | | | | | | | | | | | | | | | | | | | |
| | S. Farnborough | 226 | 1027.7 | +2 | W | 4 | F | 36 | 97 | 0 | * | * | * | 10 | 10 | 450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Boscombe Down | 417 | 1027.8 | -4 | N | 2 | z | 39 | 97 | 5 | * | * | * | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Calshot (St. Martin's) | 8 | 1026.9 | -2 | NW | 2 | z | 43 | 97 | 4 | * | * | * | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Lymington | 346 | 1026.0 | +2 | N | 3 | bc/pr | 45 | 92 | 7 | 3 | - | - | 2-3 | 2-3 | 4000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Manston | 154 | 1026.1 | +4 | NE | 3 | z | 46 | 85 | 6 | 8 | - | - | 4-6 | 4-6 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Shoeburyness | 11 | 1026.3 | +2 | * | * | * | 43 | 92 | 6 | 8 | * | * | * | * | 1026.9 | +4 | NNE | 1 | b | 37 | 97 | 8 | 7 | - | - | Tr | Tr | 4000 | 1 | * | 56 | 37 | 27 | 0.1 | - | 5.1 | | | | | | | | | | | | | | | | | | | | | | |
| | Felixstowe | 15 | 1026.3 | +2 | * | * | * | 43 | 92 | 6 | 8 | * | * | * | * | 1025.8 | +2 | N | 3 | z | 40 | 92 | 7 | 1 | - | - | 2-3 | 2-3 | 4000 | 1 | 2 | 55 | 40 | 36 | 2 | 1 | 5.1 | | | | | | | | | | | | | | | | | | | | | | |
| | Gorleston | 5 | 1026.6 | +4 | NNE | 3 | bc | 50 | 75 | 7 | 1 | - | - | 2-3 | 2-3 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Mildenhall | 19 | 1027.4 | -2 | NNW | 2 | bc | 32 | 97 | 1 | * | * | * | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Cranwell | 240 | 1028.3 | +2 | NW | 1 | bc | 41 | 97 | 3 | 5 | * | * | 0 | 2-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Birmingham | 535 | 1028.3 | +2 | NW | 2 | bc | 40 | 97 | 5 | * | * | * | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Upper Heyford | 408 | 1028.3 | +2 | NW | 2 | bc | 40 | 97 | 5 | * | * | * | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Ross-on-Wye | 223 | 1028.3 | +2 | NW | 2 | bc | 40 | 97 | 5 | * | * | * | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Hartland Point | 299 | 1027.1 | -4 | N | 1 | bc | 50 | 75 | 8 | 4 | - | - | 2-3 | 2-3 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Bristol | 209 | 1028.3 | -2 | * | 0 | bc | 40 | 92 | 3 | * | * | * | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Portland Bill | 32 | 1026.0 | -2 | NE | 2 | b | 46 | 92 | 7 | - | - | - | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Plymouth | 82 | 1027.8 | 0 | NNW | 1 | bc | 42 | 85 | 6 | 5 | - | - | 2-3 | 2-3 | 4000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | The Lizard | 240 | 1028.1 | -2 | N | 2 | bc | 44 | 92 | 7 | 4 | 3 | - | 2-3 | 2-3 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Scilly (St. Mary's) | 163 | 1028.0 | -2 | - | 0 | bc | 48 | 97 | 8 | 8 | - | - | 4-6 | 4-6 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Guernsey | 175 | 1028.0 | -2 | - | 0 | bc | 48 | 97 | 8 | 8 | - | - | 4-6 | 4-6 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Pembroke | 142 | 1028.2 | 0 | E | 2 | bc | 46 | 97 | 7 | 5 | 4 | - | 4-6 | 4-6 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Holyhead | 26 | 1027.4 | 0 | SE | 2 | c | 51 | 85 | 7 | 5 | - | - | 10 | 10 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Chester (Sealand) | 16 | 1028.7 | -2 | SW | 1 | cf | 35 | 85 | 2 | 7 | - | - | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Manchester | 70 | 1028.5 | -2 | * | 0 | bc | 30 | 97 | 1 | 2 | 2 | 2 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spurn Head | 29 | 1028.4 | +2 | NW | 1 | bc | 46 | 97 | 7 | - | 4 | - | 2-3 | 2-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Catterick | 175 | 1028.0 | +4 | * | 0 | bc | 39 | 97 | 6 | 6 | * | * | 4-6 | 4-6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Tynemouth | 108 | 1027.0 | -2 | SW | 2 | bc | 44 | 85 | 6 | 8 | - | - | 4-6 | 4-6 | 1500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | St. Abbs Head | 280 | 1025.9 | -4 | WSW | 3 | c | 49 | 85 | 7 | 5 | 2 | - | 7-8 | 10 | 1500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Leuchars | 36 | 1025.7 | -6 | - | 0 | cf | 49 | 97 | 3 | - | 2 | - | 10 | 10 | 800 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Renfrew (Abbots L.) | 19 | 1026.0 | 0 | * | 0 | id | 49 | 97 | 5 | 5 | - | - | 10 | 10 | 1500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Eskdalemuir | 794 | 1026.0 | 0 | * | 0 | id | 49 | 97 | 5 | 5 | - | - | 10 | 10 | 1500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Point of Ayre | 30 | 1027.0 | +2 | SSW | 1 | c | 50 | 97 | 7 | 5 | 7 | - | 1 | 10 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13A | Tiree | 22 | 1027.0 | -2 | SW | 5 | bc | 48 | 85 | 7 | 8 | 7 | - | 2-3 | 4-6 | 4000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13B | Stornoway | 80 | 1027.0 | -2 | SW | 5 | bc | 48 | 85 | 7 | 8 | 7 | - | 2-3 | 4-6 | 4000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | 1027.0 | -2 | SW | 5 | bc | 48 | 85 | 7 | 8 | 7 | - | 2-3 | 4-6 | 4000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Aberdeen | 79 | 1027.0 | -2 | SW | 5 | bc | 48 | 85 | 7 | 8 | 7 | - | 2-3 | 4-6 | 4000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Wick | 81 | 1023.8 | -10 | SSW | 3 | b | 41 | 92 | 7 | 5 | - | - | 1 | 1 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Lerwick | 156 | 1022.9 | -10 | SSW | 4 | bc | 47 | 85 | 8 | 5 | - | - | 4-6 | 4-6 | 1500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Blacksod Point | 18 | 1026.7 | 0 | W | 1 | bc | 47 | 85 | 8 | 4 | - | - | 2-3 | 2-3 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Malin Head | 84 | 1025.8 | -2 | S | 1 | c | 49 | 92 | 7 | 8 | - | - | 9 | 9 | 1500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Aldergrove | 268 | 1026.7 | -2 | S | 1 | cf | 50 | 97 | 8 | 5 | * | * | 10 | 10 | 450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Birr Castle | 173 | 1026.9 | +2 | SSW | 1 | c | 51 | 92 | 8 | 5 | * | * | 7-8 | 7-8 | 2300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Valentia Obsy. | 30 | 1027.4 | +2 | NW | 1 | id | 55 | 92 | 6 | 5 | - | - | 10 | 10 | 450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Roches Point | 22 | 1027.4 | 0 | NE | 2 | z | 49 | 97 | 5 | 5 | * | * | 9 | 9 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

LONDON OBSERVATIONS

Day 7h-18h, Kew & Croydon.

9h-18h, Kensington.

9h-21h, other stations except

for rainfall which is 9h-18h.

Height above M.S.L. in feet.

Kew... 18

Croydon... 217

GREENWICH (Royal Observatory)... 149

CITY (Bunhill Row)... 27

WESTMINSTER (St. James' Park)... 168

REGENTS PK. (Botanic Gardens)... 110

CAMDEN SQUARE... 80

KENSINGTON... 460

HAMPTON OBSERVATORY... 460

18h G.M.T. 21st October

7h G.M.T. 22nd October

Past

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

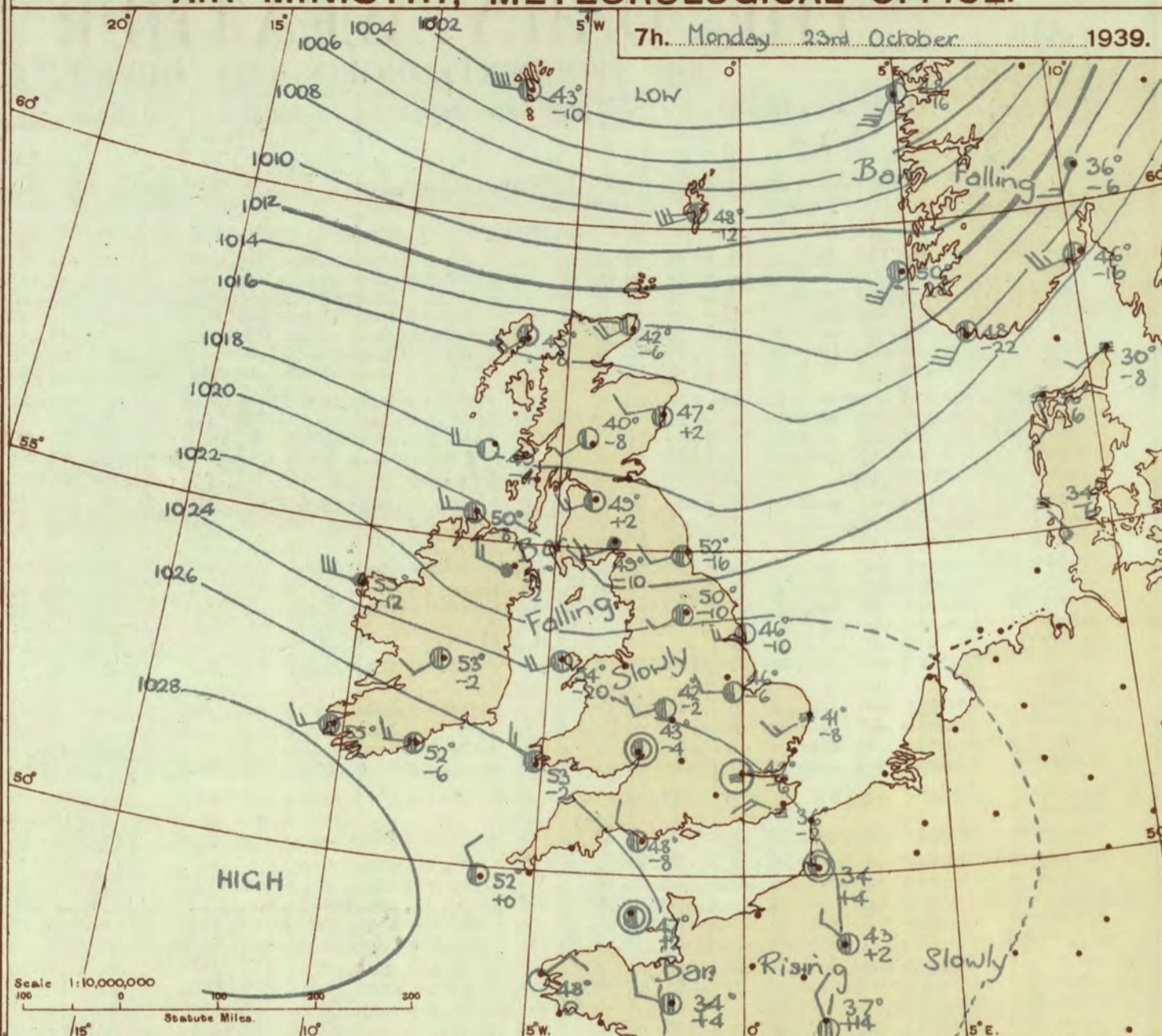
Monday 23rd October, 1935.

No. 28453

| OBSERVATIONS at 13h. G.M.T. 22nd October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 22nd October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | |
|--|--------------------------------------|--------------------------------------|------------------------------|-------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|---|--------------------------------------|-----|--|---------------------------------------|-------------------------------|-------|------|------------------------|----------------------|---------------------|----------------------------|--------|-------|--|--------------------------------------|------|------------------------------------|---------------------|----------|--------------------------|---------------------------|---------------------------|-------------------------|-------|--|--|--|--|--|--|--|--|--|--|
| District. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | | State of Ground. 0-9 (29) | Sea. 0-9 (30) | WEATHER. | | | | | | | | | | | | | | | |
| | | | | Dir. | Force. 0-12 (4) | | | | | Form. | Amount. Low 0-10 Med 10-10 High 10-10 (9) (10) (11) | Height of Base. (feet) (14) | | | | | | Dir. | Force. 0-12 (18) | | | | | Form. | Amount. Low 0-10 Med 10-10 High 10-10 (23) (24) (25) | Height of Base. (feet) (28) | | | | | 7h.—13h. 22nd (37) | 13h.—18h. 22nd (38) | 18h.—23rd 23rd (39) | 1h.—7h. 23rd (40) | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1027.1 | -12 | LSW | 2 | 20 | 52 | 75 | 6 | 8 | - | 2-3 | 2-3 | 2500 | 1026.6 | +4 | NW | 1 | 20 | 44 | 85 | 5 | 5 | - | 1 | 1 | 2500 | 1 | * | befbb | bcbzbrn | bmoFef | bFefcm | | | | | | | | | | | | |
| | Croydon ... | 1027.2 | -10 | 2 | 2 | 20 | 49 | 85 | 5 | 2 | - | 7-8 | 7-8 | 2500 | 1026.7 | +2 | WNW | 1 | 20 | 45 | 85 | 5 | 5 | - | 1 | 0 | Tr | 1 | * | ofebcf | befmz | bF | bFefcm | | | | | | | | | | | | |
| | S. Farnborough | 1027.3 | -14 | NW | 2 | 20 | 52 | 75 | 6 | 8 | - | 3 | 3 | 2500 | 1027.0 | +6 | WNW | 2 | 20 | 45 | 85 | 5 | 5 | - | 1 | 0 | Tr | 1 | * | ofebcm | bcbzbrn | bFcf | Fxcn | | | | | | | | | | | | |
| | Boscombe Down | 1027.6 | -10 | NNE | 2 | 20 | 49 | 85 | 7 | 8 | - | 4-6 | 4-6 | 4000 | 1027.4 | +6 | NW | 1 | 20 | 43 | 85 | 6 | 5 | - | 1 | 0 | Tr | 1 | * | ofebcm | bcbzbrn | bcmcm | Fxcn | | | | | | | | | | | | |
| | Calshot (Soton.) | 1027.3 | -10 | NW | 3 | 20 | 54 | 75 | 7 | 1 | - | 4-6 | 4-6 | 4000 | 1026.8 | +2 | NW | 2 | 20 | 43 | 75 | 6 | 1 | - | 2 | Tr | 1 | 4000 | 1 | * | fcmobe | bcbm | mbbc | cmom | | | | | | | | | | | |
| | Lymington | 1025.9 | -10 | NW | 3 | 20 | 51 | 65 | 6 | 8 | - | 7-8 | 7-8 | 2500 | 1025.6 | +4 | NNW | 2 | 20 | 43 | 75 | 8 | 8 | - | 2 | Tr | 1 | 4000 | 1 | * | bfbcc | bcbcc | bcbm | bmmw | | | | | | | | | | | |
| | Manston | 1026.0 | -8 | NE | 3 | 20 | 51 | 75 | 7 | 8 | - | 7-8 | 7-8 | 1500 | 1025.4 | +2 | NE | 4 | 20 | 43 | 65 | 7 | 8 | - | 2 | Tr | 1 | 4000 | 1 | * | bcbcc | bcbcc | bcbm | bmmw | | | | | | | | | | | |
| 2 | Shoeburyness ... | 1026.4 | -10 | N | 2 | 20 | 54 | 55 | 8 | 1 | - | 4-6 | 4-6 | 4000 | 1026.0 | +2 | NNE | 1 | 20 | 47 | 85 | 8 | 8 | - | 1 | Tr | 1 | 2500 | 1 | * | bcbcc | bcbcc | bcbm | bmmw | | | | | | | | | | | |
| | Felixstowe ... | 1025.7 | -10 | NNE | 2 | 20 | 53 | 65 | 7 | 1 | - | 2-3 | 2-3 | 2500 | 1025.1 | +2 | NNE | 2 | 20 | 47 | 75 | 7 | 4 | - | 1 | Tr | 1 | 2500 | 1 | * | bcbcc | bcbcc | bcbm | bmmw | | | | | | | | | | | |
| | Gorleston ... | 1026.2 | -6 | NW | 3 | 20 | 54 | 55 | 7 | 1 | - | 2-3 | 2-3 | 2500 | 1025.4 | 0 | NW | 2 | 20 | 50 | 65 | 6 | 1 | - | 1 | Tr | 1 | 4000 | 0 | 2 | bcbcc | bcbcc | bcbm | bmmw | | | | | | | | | | | |
| | Mildenhall ... | 1027.0 | -14 | NW | 2 | 20 | 50 | 57 | 6 | 2 | - | 2-3 | 2-3 | 4000 | 1026.1 | +8 | NW | 2 | 20 | 43 | 92 | 6 | 4 | - | 1 | Tr | 1 | 4000 | 1 | * | offcm | bcmob | bmmw | Fxidof | | | | | | | | | | | |
| | Cranwell ... | 1027.1 | -14 | - | 0 | 20 | 56 | 65 | 6 | - | - | 3 | 0 | 4-6 | - | 1026.0 | -4 | W | 1 | 20 | 44 | 85 | 3 | - | 2 | 0 | 2-3 | - | 0 | * | bcbcc | bcbcc | bcbm | bmmw | | | | | | | | | | | |
| 3 | Birmingham | 1027.3 | -8 | ESE | 1 | 20 | 50 | 75 | 0 | - | - | 10 | 10 | 450 | 1026.6 | -2 | W | 2 | 20 | 48 | 75 | 8 | 5 | - | 1 | Tr | 1 | 2500 | 1 | * | Fbbccf | Fmcc | fcpbcb | bcb | | | | | | | | | | | |
| | Upper Heyford | 1027.8 | -12 | 2 | 0 | 20 | 46 | 37 | 5 | - | 4 | 2 | 0 | 4-6 | - | 1027.3 | 0 | - | 0 | 43 | 57 | 3 | - | - | 2 | 0 | 2-3 | - | 0 | * | FFbcm | bcmomf | bffccm | bmmw | | | | | | | | | | | |
| | Ross-on-Wye ... | 1027.5 | -12 | SSE | 1 | 20 | 50 | 85 | 4 | - | - | 2 | 0 | 4-6 | - | 1027.3 | 0 | - | 0 | 43 | 57 | 3 | - | - | 2 | 0 | 2-3 | - | 0 | * | FFbcm | bcmomf | bffccm | bmmw | | | | | | | | | | | |
| 5 | Hartland Point | 1027.8 | -6 | N | 1 | 20 | 55 | 65 | 6 | 5 | - | 7-8 | 7-8 | 4000 | 1027.4 | 0 | NNW | 2 | 20 | 52 | 75 | 7 | 5 | - | 1 | Tr | 1 | 2500 | 0 | 2 | c | c | reir | circc | | | | | | | | | | | |
| | Bristol ... | 1028.3 | -10 | - | 0 | 20 | 55 | 75 | 6 | - | 3 | 2 | 0 | 4-6 | - | 1027.5 | +6 | - | 0 | 46 | 85 | 5 | - | 3 | - | 0 | 7-8 | - | 1 | * | ofcm | bcbcc | bcbcc | cmomg | | | | | | | | | | | |
| | Portland Bill | 1028.3 | -6 | ENE | 2 | 20 | 52 | 85 | 8 | 2 | - | 4-6 | 7-8 | 4000 | 1026.1 | +2 | N | 2 | 20 | 48 | 85 | 7 | 5 | - | 1 | Tr | 1 | 2500 | 1 | 2 | c | bcbcc | bcbcc | cmomg | | | | | | | | | | | |
| | Plymouth | 1027.3 | -6 | ENE | 2 | 20 | 52 | 85 | 8 | 2 | - | 4-6 | 7-8 | 4000 | 1026.1 | +2 | N | 2 | 20 | 48 | 85 | 7 | 5 | - | 1 | Tr | 1 | 2500 | 1 | 2 | c | bcbcc | bcbcc | cmomg | | | | | | | | | | | |
| | The Lizard | 1027.3 | -6 | ENE | 2 | 20 | 52 | 85 | 8 | 2 | - | 4-6 | 7-8 | 4000 | 1026.1 | +2 | N | 2 | 20 | 48 | 85 | 7 | 5 | - | 1 | Tr | 1 | 2500 | 1 | 2 | c | bcbcc | bcbcc | cmomg | | | | | | | | | | | |
| | Seilly (St. Mary's) | 1027.3 | -6 | ENE | 2 | 20 | 52 | 85 | 8 | 2 | - | 4-6 | 7-8 | 4000 | 1026.1 | +2 | N | 2 | 20 | 48 | 85 | 7 | 5 | - | 1 | Tr | 1 | 2500 | 1 | 2 | c | bcbcc | bcbcc | cmomg | | | | | | | | | | | |
| | Guernsey | 1028.5 | -4 | - | 0 | 20 | 56 | 75 | 7 | 5 | - | 2-3 | 4-6 | 2500 | 1028.1 | +2 | NW | 2 | 20 | 51 | 97 | 7 | 5 | 3 | 8 | 2-3 | 4-6 | 2500 | 0 | 1 | bcbcc | bcbcc | bcbm | bmmw | | | | | | | | | | | |
| 6 | Pembroke | 1027.8 | -8 | A | 2 | 20 | 56 | 85 | 7 | 5 | - | 7-8 | 7-8 | 2500 | 1027.3 | +2 | NW | 2 | 20 | 51 | 97 | 7 | 8 | 2 | - | 7-8 | 10 | 1500 | 0 | 1 | c | c | cbrw | bcbw | | | | | | | | | | | |
| | Holyhead | 1027.0 | -6 | NW | 4 | 20 | 52 | 82 | 7 | 6 | 2 | - | 3 | 10 | 450 | 1026.8 | +6 | WNW | 3 | 20 | 54 | 75 | 8 | 8 | - | 9 | 3 | 2500 | 1 | 1 | c | c | cbrw | bcbw | | | | | | | | | | | |
| | Chester (Sealand) | 1027.2 | -14 | SSE | 1 | 20 | 54 | 75 | 5 | 5 | - | 3 | 3 | 4000 | 1026.7 | 0 | - | 0 | 43 | 52 | 4 | 5 | - | - | 10 | 10 | 800 | 1 | * | befccm | bcbcc | bcbcc | cmomg | | | | | | | | | | | | |
| | Manchester | 1027.4 | -18 | NW | 1 | 20 | 54 | 65 | 6 | 5 | 3 | - | 4-6 | 5700 | 1026.4 | 0 | SSW | 1 | 20 | 48 | 52 | 3 | - | - | 10 | 10 | 150 | 1 | * | FFbcm | bcbcc | bcbcc | cmomg | | | | | | | | | | | | |
| 10 | Spurn Head | 1027.1 | -6 | S'E | 1 | 20 | 54 | 75 | 4 | - | - | 8 | 0 | 4-6 | - | 1026.4 | -2 | SE | 2 | 20 | 43 | 85 | 6 | - | 4 | - | 0 | 4-6 | - | 1 | 0 | Fbcm | bcbcc | bcbcc | cmomg | | | | | | | | | | |
| | Catterick | 1025.2 | -2 | SW | 1 | 20 | 43 | 85 | 6 | 8 | 3 | - | 7-8 | 7-8 | 4000 | 1025.2 | +2 | SW | 1 | 20 | 43 | 85 | 6 | 8 | 3 | - | 7-8 | 7-8 | 4000 | 1 | * | Fbcm | bcbcc | bcbcc | cmomg | | | | | | | | | | |
| | Tynemouth | 1025.6 | -10 | SW | 2 | 20 | 54 | 75 | 3 | 8 | - | 3 | 3 | 2500 | 1024.7 | -4 | WSW | 1 | 20 | 52 | 85 | 3 | 5 | - | - | 3 | 3 | 1500 | 1 | 1 | cmff | c | c | bcbw | | | | | | | | | | | |
| 11 | St. Abbs Head | 1024.2 | -4 | SW | 4 | 20 | 51 | 85 | 8 | 8 | 6 | - | 7-8 | 3 | 2500 | 1022.9 | 0 | W | 3 | 20 | 48 | 85 | 8 | 4 | 4 | - | 2-3 | 4-6 | 2500 | 0 | 2 | c | c | bcbw | bcbw | | | | | | | | | | |
| | Leuchars | 1023.5 | -6 | SW | 2 | 20 | 55 | 75 | 3 | 8 | 7 | - | 7-8 | 7-8 | 2500 | 1022.3 | -4 | SW | 1 | 20 | 48 | 85 | 8 | 5 | - | 4 | 1 | 4-6 | 5700 | 1 | * | cmomg | bcbcc | bcbcc | cmomg | | | | | | | | | | |
| | Renfrew (Abbots I.) | 1025.1 | -2 | N | 2 | 20 | 54 | 65 | 8 | 5 | - | 3 | 3 | 2500 | 1023.6 | -6 | WSW | 3 | 20 | 52 | 85 | 7 | 5 | - | - | 9 | 3 | 4000 | 1 | * | cmomg | bcbcc | bcbcc | cmomg | | | | | | | | | | | |
| | Eskdalemuir | 1024.7 | -6 | SW | 3 | 20 | 53 | 75 | 6 | 8 | - | 4-6 | 4-6 | 1500 | 1024.5 | +2 | WSW | 3 | 20 | 48 | 75 | 8 | 5 | - | - | 9 | 3 | 1500 | 1 | * | idibcc | bcbcc | bcbcc | cmomg | | | | | | | | | | | |
| | Point of Ayre | 1026.3 | 0 | NW | 3 | 20 | 55 | 85 | 8 | 5 | 3 | - | 4-6 | 4-6 | 2500 | 1025.9 | -2 | NW | 3 | 20 | 53 | 75 | 8 | 5 | 7 | - | 9 | 10 | 2500 | 0 | 2 | idibcc | bcbcc | bcbcc | cmomg | | | | | | | | | | |
| 13A | Tiree | 1022.0 | -4 | SW | 5 | 20 | 53 | 82 | 7 | - | 2 | - | 3 | 3 | 1500 | 1020.1 | -12 | SW | 5 | 20 | 54 | 57 | 6 | - | - | 10 | 10 | 1500 | 1 | 4 | bcbcc | c | c | cbrw | | | | | | | | | | | |
| 13B | Stornoway | 1018.3 | +2 | SW | 5 | 20 | 53 | 85 | 7 | 8 | 7 | - | 7-8 | 3 | 2500 | 1017.9 | -4 | W&N | 4 | 20 | 49 | 52 | 6 | 8 | 7 | - | 7-8 | 10 | 2500 | 1 | 2 | cprir | c | c | cprir | | | | | | | | | | |
| 15 | Dalwhinnie | 1023.0 | -4 | S | 3 | 20 | 43 | 75 | 7 | 4 | 6 | 1 | 4-6 | 7-8 | 2500 | 1021.6 | -14 | SW | 3 | 20 | 46 | 57 | 5 | 8 | 2 | - | 4-6 | 10 | 1500 | 1 | * | c | c | c | c | | | | | | | | | | |
| | Aberdeen | 1022.5 | -12 | SSW | 2 | 20 | 55 | 65 | 8 | - | 5 | - | 0 | 1 | - | 1020.1 | -4 | SW | 2 | 20 | 52 | 75 | 6 | - | 3 | 3 | 0 | 7-8 | - | 0 | 1 | bcbcc | bcbcc | bcbcc | cmomg | | | | | | | | | | |
| | Wick | 1018.8 | -6 | SSW | 4 | 20 | 54 | 75 | 8 | 5 | 6 | 2 | 2-3 | 4-6 | 2500 | 1017.7 | -4 | SW | 4 | 20 | 51 | 92 | 8 | 5 | 2 | - | 7-8 | 10 | 1500 | 1 | 2 | bcbcc | bcbcc | bcbcc | cmomg | | | | | | | | | | |
| | Lerwick | 1015.1 | -6 | SSW | 8 | 20 | 51 | 85 | 8 | 8 | 7 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 23rd October 1939.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd October, 1939.

| | |
|-------------------------------------|---|
| 1 S.E. England | Light west to northwest wind, becoming moderate; occasional rain at first, bright intervals and showers later; rather cold. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | |
| 6 South Wales ... | |
| 7 North Wales ... | Moderate west wind, veering northwest, fresh on coasts; bright intervals; showers; local hail and thunder; rather cold. |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A.W.Scotld. B.N.W.Scotland. | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | Fresh west wind, veering northwest; bright intervals; showers; local hail and thunder; rather cold. |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | As 1 - 6. |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred to southwest of Ireland is receding westwards and a trough of low pressure over North England and North Ireland is moving south. There will be occasional rain in the South and Midlands at first followed by bright intervals and showers. In the North there will be bright intervals and showers.

FURTHER OUTLOOK.

Bright intervals and showers.

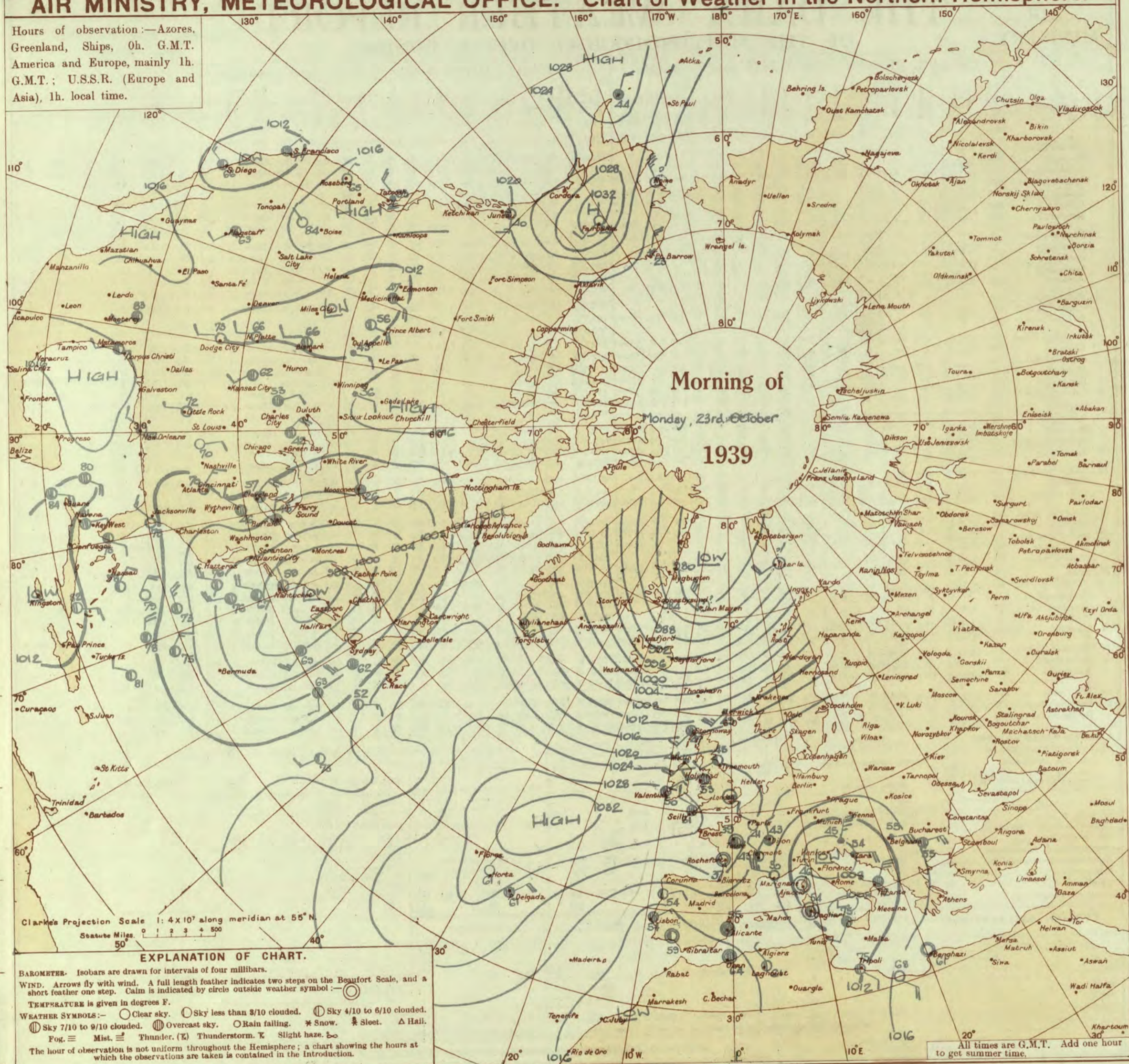
Forecasts issued at 0930 G.M.T.
H.M.S.O. Press, Cornwall House, S.E.1.

N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

2471/2770 H. 8103. D. 4426 G. 948 5/38

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Monday 23rd October
 No 28459

| OBSERVATIONS at 1 hr. G.M.T. 23rd October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 23rd October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | |
|---|---------------------|------------------------------|----------------------|------------------------|------------|------------|----------|---------------|--------------|--------------------|-----------|--------------|-----------------------------|---|-------------------------|-------------|-------------|----------|----------------|---------------|---------------------|--------|------------|--------------|-----------------------------|-------------------------|--------------|----------------|--------------------------|----------------------------|------------------------|---------------------|-----------------------|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visiblity. 0-9 (8) | Cloud. | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visiblity. 0-9 (22) | Cloud. | | | Barom. at M.S.L. (29) | Change in 3 hours. (30) | TEMPERATURE. | | | | | RAINFALL. | | SUNSHINE Hrs. (36) | | | | | | | | | | | | |
| | | | | | Direc. (3) | Force. (4) | | | | | Form. (9) | Amount. (10) | Height of Base. (feet) (14) | | | Direc. (17) | Force. (18) | | | | | | Form. (23) | Amount. (24) | Height of Base. (feet) (28) | | | Sea. 0-9 (31) | Max. Day 7h-18h °F. (32) | Min. Night 18h-7h °F. (33) | Min. on Grass °F. (34) | Day 7h-18h mm. (35) | Night 18h-7h mm. (35) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) | 18 | * | * | * | * | * | * | * | * | * | * | * | 1024.8 | -6 | WSW | 1 | m | 42 | 92 | 4 | 5 | - | - | 94 | 94 | 2500 | 1 | 53 | 36 | 28 | - | Tr | 6.9 | | | | | | | | | | | | |
| | Croydon | 217 | 1026.2 | -6 | * | * | f | 34 | 97 | 3 | * | * | * | 1024.8 | -6 | * | 0 | m | 42 | 97 | 4 | 5 | - | - | 94 | 10 | 1500 | 1 | 51 | 33 | 29 | Tr | Tr | 3.8 | | | | | | | | | | | | |
| | S. Farnborough | 226 | 1025.5 | -10 | * | * | f | 35 | 85 | 4 | * | * | * | 1025.2 | -2 | W | 2 | m | 40 | 97 | 4 | 5 | - | - | 94 | 94 | 4000 | 1 | 54 | 39 | 24 | 0.1 | - | 4.7 | | | | | | | | | | | | |
| | Boscombe Down | 417 | 1025.7 | -12 | * | * | f | 43 | 77 | 6 | * | * | * | 2.3 | 2.3 | 2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Calshot (Stmntn.) | 8 | 1026.5 | -6 | WS | 2 | z | 37 | 97 | 4 | * | * | * | 1025.3 | -2 | * | 0 | z | 42 | 97 | 5 | 5 | 3 | - | 9 | 9 | 2500 | 1 | 55 | 36 | 33 | - | - | 7.4 | | | | | | | | | | | | |
| | Lymington | 346 | 1025.4 | -6 | WS | 2 | z | 40 | 92 | 4 | * | * | * | 1024.7 | -2 | WNW | 1 | f | 36 | 92 | 3 | 5 | 3 | - | 94 | 94 | 800 | 1 | 52 | 34 | 30 | - | 0.2 | 8.0 | | | | | | | | | | | | |
| | Manston | 154 | 1024.9 | -6 | WNW | 3 | z | 42 | 85 | 7 | * | * | * | 1024.1 | -2 | WNW | 3 | f | 40 | 97 | 4 | 7 | - | - | 94 | 94 | 2500 | 1 | 53 | 37 | 28 | - | Tr | 6.2 | | | | | | | | | | | | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | * | 1024.6 | -4 | WNW | 1 | cf | 42 | 97 | 3 | 5 | - | - | 94 | 94 | 2500 | 1 | 56 | 35 | 26 | - | - | 7.1 | | | | | | | | | | | | |
| | Felixstowe | 15 | 1024.7 | -6 | WNW | 2 | z | 42 | 97 | 6 | * | * | * | 1023.1 | -6 | WNW | 2 | z | 43 | 92 | 5 | 5 | - | - | 94 | 94 | 4000 | 1 | 55 | 40 | 35 | - | - | 7.2 | | | | | | | | | | | | |
| | Gorleston | 5 | 1024.4 | -10 | WS | 2 | bc | 42 | 85 | 6 | * | * | * | 1022.8 | -8 | SWW | 3 | cf | 41 | 92 | 3 | 5 | - | - | 7.8 | 7.8 | 2500 | 1 | 55 | 40 | 48 | - | - | * | | | | | | | | | | | | |
| | Mildenhall | 19 | 1024.9 | -10 | SSW | 2 | bc | 34 | 97 | 1 | * | * | * | 1023.5 | -6 | SWW | 2 | ft | 43 | 97 | 2 | - | - | - | 1 | 10 | 1500 | 1 | 55 | 32 | 26 | Tr | Tr | 3.7 | | | | | | | | | | | | |
| | Cranwell | 240 | 1024.4 | -8 | W | 2 | cf | 45 | 97 | 2 | * | * | * | 1022.9 | -6 | W | 2 | z | 46 | 92 | 5 | 5 | 4 | 1 | 1 | 94 | 4000 | 0 | 57 | 43 | 40 | 0.1 | - | 7.3 | | | | | | | | | | | | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | * | 1024.4 | -2 | WSW | 2 | c | 47 | 85 | 6 | 5 | - | - | 10 | 10 | 2500 | 1 | 54 | 45 | 37 | * | 0.3 | 0.8 | | | | | | | | | | | | |
| | Upper Heyford | 408 | 1025.4 | -8 | * | * | * | 43 | 97 | 4 | * | * | * | 1025.2 | -2 | WN | 1 | m/f | 44 | 97 | 4 | 5 | - | - | 10 | 10 | 4000 | 1 | 56 | 35 | 27 | - | 0.5 | * | | | | | | | | | | | | |
| 4 | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | * | * | 1025.0 | -4 | * | 0 | f | 43 | 97 | 5 | 5 | - | - | 94 | 94 | 2500 | 1 | 56 | 39 | 34 | - | 1 | 3.8 | | | | | | | | | | | | |
| 5 | Hartland Point | 299 | 1026.6 | -8 | WNW | 3 | c | 54 | 97 | 8 | * | * | * | 1025.7 | -2 | NW | 3 | c | 52 | 75 | 9 | 5 | 2 | - | 7.8 | 94 | 2500 | 0 | 56 | 51 | 46 | - | 0.1 | 4.2 | | | | | | | | | | | | |
| | Bristol | 209 | 1026.6 | -6 | * | * | cf | 46 | 97 | 5 | * | * | * | 1025.9 | 0 | WNW | 1 | cf | 47 | 97 | 5 | 5 | - | - | 10 | 10 | 2500 | 1 | 56 | 42 | 43 | - | 1 | 4.2 | | | | | | | | | | | | |
| | Portland Bill | 32 | 1026.0 | -4 | NW | 2 | c | 45 | 92 | 7 | * | * | * | 1024.8 | -8 | NW | 2 | c | 48 | 92 | 7 | 5 | 2 | - | 7.8 | 10 | 2500 | 1 | 54 | 43 | * | - | - | * | | | | | | | | | | | | |
| | Plymouth | 82 | 1027.4 | -6 | * | * | c | 45 | 92 | 4 | * | * | * | 1026.3 | -2 | NNW | 1 | a | 46 | 97 | 4 | - | - | - | 0 | 0 | - | 1 | 58 | 42 | 37 | - | - | 7.8 | | | | | | | | | | | | |
| | The Lizard | 240 | 1028.1 | -6 | * | * | c | 48 | 92 | 8 | * | * | * | 1027.2 | -10 | NNW | 2 | bc | 50 | 97 | 8 | 8 | - | - | 4.4 | 4.4 | 2500 | 1 | 58 | 47 | * | - | Tr | 7.9 | | | | | | | | | | | | |
| | Scilly (St. Mary's) | 163 | 1028.2 | -2 | WNW | 2 | c | 51 | 97 | 6 | * | * | * | 1027.7 | 0 | NNW | 2 | bc | 52 | 97 | 8 | 8 | 3 | - | 2.3 | 4.4 | 1500 | 0 | 58 | 50 | * | - | - | 7.9 | | | | | | | | | | | | |
| | Guernsey | 175 | 1026.6 | -2 | * | * | b | 46 | 85 | 8 | * | * | * | 1026.1 | +2 | * | 0 | c | 47 | 92 | 6 | 5 | 2 | - | 4.6 | 9 | 2500 | 0 | 56 | 41 | 33 | - | - | * | | | | | | | | | | | | |
| 6 | Pembroke | 142 | 1026.8 | -4 | H | 3 | bc | 50 | 92 | 7 | * | * | * | 1025.9 | -2 | WNW | 3 | c | 53 | 92 | 8 | 5 | - | - | 9 | 9 | 4000 | 0 | 56 | 45 | * | - | - | 1.5 | | | | | | | | | | | | |
| 7 | Holyhead | 26 | 1025.5 | -8 | WS | 3 | c | 50 | 75 | 8 | * | * | * | 1023.1 | -20 | WSW | 4 | c | 54 | 85 | 8 | 5 | - | - | 9 | 9 | 2500 | 1 | 54 | 52 | 49 | 1 | - | 0.0 | | | | | | | | | | | | |
| | Chester (Sealand) | 16 | 1025.8 | -6 | WNW | 2 | z | 48 | 85 | 6 | * | * | * | 1023.4 | -10 | SW | 1 | z | 49 | 85 | 6 | 5 | 3 | - | 4.4 | 4.4 | 4000 | 1 | 54 | 41 | 33 | - | - | 0.0 | | | | | | | | | | | | |
| 8 | Manchester | 70 | 1028.2 | -10 | * | * | cf | 46 | 97 | 2 | * | * | * | 1027.8 | -10 | SWW | 2 | z | 48 | 92 | 5 | 5 | 7 | - | 9 | 10 | 1500 | 1 | 58 | 44 | 37 | 0.1 | Tr | 0.6 | | | | | | | | | | | | |
| 10 | Spurn Head | 29 | 1025.0 | -10 | WN | 3 | bc | 48 | 92 | 4 | * | * | * | 1022.1 | -10 | W | 3 | c | 46 | 92 | 5 | - | 4 | 8 | 0 | 7.8 | - | 1 | 54 | 45 | * | - | Tr | 6.9 | | | | | | | | | | | | |
| | Catterick | 175 | 1023.3 | -12 | * | * | z | 40 | 92 | 6 | * | * | * | 1020.4 | -10 | WSW | 1 | c | 50 | 85 | 7 | 5 | 3 | - | 7.8 | 94 | 2500 | 1 | 54 | 38 | 30 | Tr | - | 1.0 | | | | | | | | | | | | |
| | Tynemouth | 108 | 1022.1 | -20 | WSW | 2 | bc | 45 | 85 | 6 | * | * | * | 1018.8 | -16 | WSW | 2 | c | 52 | 85 | 6 | 5 | - | - | 94 | 94 | 1500 | 1 | 55 | 45 | 40 | - | - | * | | | | | | | | | | | | |
| 11 | St. Abbs Head | 280 | 1019.1 | -24 | WSW | 4 | c | 48 | 85 | 8 | * | * | * | 1016.4 | -4 | WNW | 4 | c | 52 | 85 | 8 | 8 | 6 | - | 4.6 | 9 | 1500 | 0 | 54 | 45 | * | - | Tr | * | | | | | | | | | | | | |
| | Leuchars | 36 | 1018.4 | -18 | SW | 3 | c | 52 | 85 | 7 | * | * | * | 1017.0 | +4 | WNW | 1 | qpr | 48 | 85 | 8 | 5 | - | - | 2.3 | 2.3 | 2500 | 1 | 57 | 47 | 37 | - | Tr | 4.7 | | | | | | | | | | | | |
| 12 | Renfrew (Abbotsl.) | 19 | 1019.5 | -24 | SW | 4 | bc | 52 | 92 | 5 | * | * | * | 1018.4 | +2 | WSW | 3 | bc | 49 | 85 | 8 | 5 | - | - | 4.6 | 4.6 | 1500 | 1 | 56 | 48 | 43 | 0.4 | Tr | 0.8 | | | | | | | | | | | | |
| | Eakdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | 1018.5 | -10 | WSW | 3 | bc | 49 | 92 | 6 | 6 | - | - | 10 | 10 | 800 | 1 | 55 | 46 | 44 | 1 | 1 | 1.8 | | | | | | | | | | | | |
| | Point of Ayre | 30 | 1023.8 | -10 | WS | 3 | c | 51 | 92 | 8 | * | * | * | 1020.5 | -10 | WN | 4 | ir | 53 | 97 | 7 | 8 | 2 | - | 9 | 10 | 1500 | 1 | 56 | 50 | * | - | 1 | 3.2 | | | | | | | | | | | | |
| 13A | Tiree | 22 | * | * | * | * | * | * | * | * | * | * | * | 1017.7 | -4 | W | 4 | bc/pr | 49 | 75 | 8 | 8 | - | - | 4.6 | 4.6 | 1500 | 1 | 55 | 48 | 44 | 0.3 | 3 | 0.0 | | | | | | | | | | | | |
| 13B | Stornoway | 80 | 1018.0 | 0 | SW | 3 | c | 47 | 85 | 7 | * | * | * | 1015.8 | -8 | SW | 4 | c | 45 | 85 | 8 | 5 | 7 | - | 7.8 | 94 | 4000 | 1 | 54 | 45 | * | 3 | 5 | 6.6 | | | | | | | | | | | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | 1017.7 | -8 | SW | 1 | bc | 40 | 85 | 8 | 4 | 6 | - | 1 | 2.3 | 400 | | | | | | | | | | | | | | | | | | | |

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

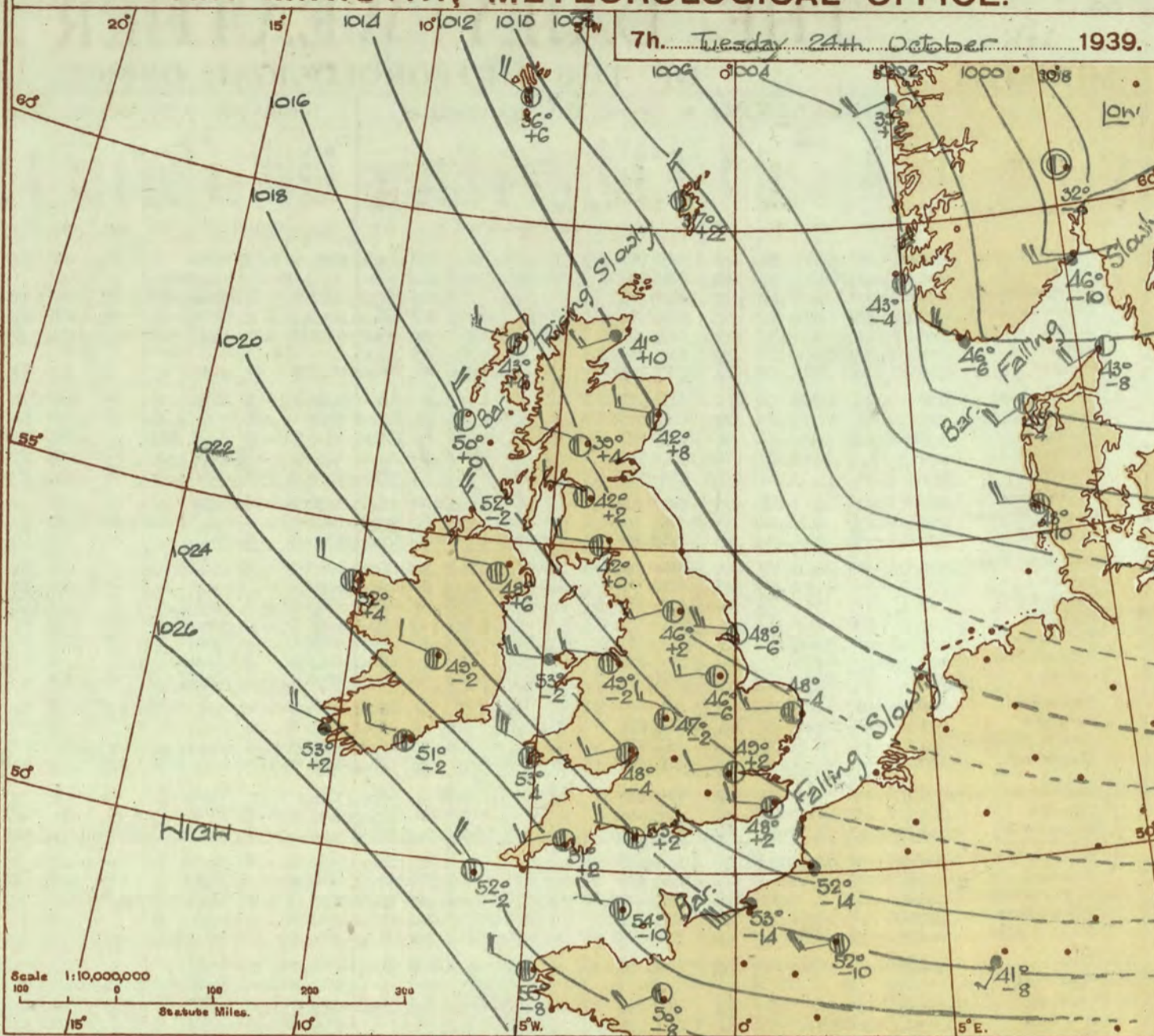
BRITISH SECTION

Tuesday 29th October 1939
No 28460

| OBSERVATIONS at 13h. G.M.T. 23rd October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 23rd October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | |
|--|--------------------------------------|--------------------------------------|------------------------------|---------------|-----------------------|-----------------|---------------------|--------------------|---------------------------|-------------|--------------|--------------|---------------------|--|---------------------------------------|-------------------------------|---|--------------|------------------|----------------------|---------------------|----------------------------|--------------|--------------|---------------------|-----------------------|--|------------------------------------|---------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------|--------|--------|
| District. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. | | Weather. (5) | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours. (16) | Wind. | | Weather. (19) | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | | State of ground. 0-9 (29) | Sea. 0-9 (30) | WEATHER. | | | | | | |
| | | | | Direc. (3) | Force. 0-12 (4) | | | | | Low. (9) | Med. (10) | High (11) | Low 0-10 (12) | Total 0-10 (13) | | | Height of Base. (feet) (14) | Low. (23) | | | | | Med. (24) | High (25) | Low 0-10 (26) | Total 0-10 (27) | Height of Base (feet) (28) | | | 7h.—13h. 23rd (37) | 13h.—18h. 23rd (38) | 18h.—24h. 24th (39) | 1h.—7h. 24th (40) | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1022.9 | -18 | WSW | 2 | C | 53 | 75 | 6 | 7 | 3 | - | 4-6 | 7-8 | 4000 | 1021.8 | -2 | WSW | 2 | Z | 51 | 85 | 5 | 5 | - | - | 3+ | 3+ | 2500 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| | Croydon ... | 1023.3 | -10 | WSW | 2 | Z | 54 | 75 | 6 | 5 | 3 | - | 4-6 | 4-6 | 4000 | 1021.8 | -2 | WSW | 2 | Z | 51 | 85 | 5 | 5 | - | - | 3+ | 3+ | 2500 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| | S. Farnborough | 1023.4 | -18 | WSW | 3 | C | 56 | 75 | 7 | 7 | 3 | - | 2-5 | 7-8 | 4000 | 1022.3 | -6 | WSW | 3 | Z | 52 | 85 | 6 | 5 | 3 | - | 2-3 | 7-8 | 4000 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| | Boscombe Down | 1023.5 | -16 | WSW | 3 | Z | 55 | 75 | 6 | 7 | 7 | - | 7-8 | 7-8 | 2500 | 1023.0 | -12 | WSW | 3 | Z | 52 | 85 | 7 | 5 | 7 | - | 7-8 | 7-8 | 2500 | 0 | * | CmWcm | Cm | cbccw | crccbe | |
| | Calshot (Soton.) | 1024.1 | -14 | WSW | 2 | Z | 56 | 75 | 6 | 5 | - | - | 3+ | 3+ | 5700 | 1023.2 | -2 | WSW | 2 | Z | 53 | 85 | 6 | 5 | 4 | - | 2-3 | 2-3 | 4000 | 1 | 1 | CmWcm | Cm | cbccw | crccbe | |
| | Lymington | 1023.2 | -14 | WSW | 2 | Z | 56 | 85 | 5 | 5 | - | - | 10 | 10 | 4000 | 1023.2 | -2 | WSW | 2 | Z | 53 | 85 | 6 | 5 | 4 | - | 2-3 | 2-3 | 4000 | 1 | 1 | CmWcm | Cm | cbccw | crccbe | |
| | Manston | 1022.5 | -18 | WSW | 3 | Z | 52 | 75 | 5 | 5 | - | - | 3+ | 3+ | 4000 | 1021.5 | 0 | WSW | 3 | Z | 51 | 85 | 5 | 5 | - | - | 10 | 10 | 1500 | 0 | * | CmWcm | Cm | cbccw | crccbe | |
| 2 | Shoeburyness ... | 1022.5 | -16 | WSW | 2 | C | 53 | 75 | 3 | 5 | - | - | 3 | 3 | 4000 | 1021.6 | -2 | WSW | 2 | C | 54 | 75 | 3 | 5 | - | - | 3+ | 3+ | 2500 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| | Felixstowe ... | 1021.7 | -14 | WSW | 3 | Z | 54 | 75 | 6 | 5 | 3 | - | 3+ | 3+ | 2500 | 1020.1 | +2 | WSW | 3 | Z | 52 | 85 | 5 | 5 | 3 | - | 7-8 | 3 | 2500 | 1 | 2 | CmWcm | Cm | cbccw | crccbe | |
| | Gorleston ... | 1019.6 | -12 | WSW | 3 | C | 52 | 85 | 6 | 5 | - | - | 3+ | 3+ | 2500 | 1018.7 | -4 | WSW | 3 | C | 52 | 85 | 6 | 5 | - | - | 3+ | 3+ | 2500 | 1 | 2 | CmWcm | Cm | cbccw | crccbe | |
| | Mildenhall ... | 1021.2 | -20 | WSW | 4 | Z | 55 | 75 | 6 | 5 | 7 | - | 7-8 | 3+ | 4000 | 1019.6 | -6 | WSW | 3 | C | 52 | 85 | 5 | 5 | - | - | 10 | 10 | 2500 | 1 | 2 | CmWcm | Cm | cbccw | crccbe | |
| | Cranwell ... | 1020.5 | -14 | WSW | 3 | C | 54 | 85 | 6 | 5 | 7 | - | 7-8 | 3+ | 2500 | 1018.9 | -6 | WSW | 3 | C | 52 | 85 | 6 | 5 | 3 | - | 4-6 | 7-8 | 2500 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| 3 | Birmingham | 1022.2 | -16 | WSW | 3 | C | 52 | 85 | 6 | 6 | - | - | 10 | 10 | 1500 | 1020.6 | -4 | WSW | 3 | C | 53 | 85 | 6 | 5 | - | - | 3+ | 3+ | 1500 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| 4 | Upper Heyford | 1022.6 | -22 | WSW | 3 | C | 55 | 85 | 7 | 5 | 7 | - | 10 | 10 | 2500 | 1021.6 | -6 | WSW | 3 | C | 54 | 85 | 7 | 5 | 7 | - | 7-8 | 3 | 2500 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| | Ross-on-Wye ... | 1023.0 | -14 | WSW | 3 | C | 55 | 75 | 8 | 5 | - | - | 10 | 10 | 2500 | 1021.6 | -6 | WSW | 3 | C | 54 | 75 | 8 | 5 | - | - | 7-8 | 3 | 2500 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| 5 | Hartland Point | 1025.7 | -8 | WSW | 3 | C | 54 | 85 | 9 | 5 | 2 | - | 7-8 | 10 | 1500 | 1024.6 | 0 | WSW | 4 | C | 54 | 92 | 8 | 6 | 2 | - | 7-8 | 3+ | 1500 | 0 | 3 | C | CmWcm | Cm | cbccw | crccbe |
| | Bristol ... | 1024.2 | -14 | WSW | 3 | C | 55 | 75 | 7 | 5 | 7 | - | 4-6 | 3 | 4000 | 1023.2 | -2 | WSW | 4 | C | 53 | 85 | 7 | 5 | 7 | - | 7-8 | 3+ | 2500 | 1 | 3 | C | CmWcm | Cm | cbccw | crccbe |
| | Portland Bill ... | 1024.4 | -10 | WSW | 2 | C | 56 | 85 | 8 | 2 | 4 | - | 7-8 | 10 | 4000 | 1023.6 | -8 | WSW | 4 | C | 56 | 82 | 8 | 5 | 7 | - | 4-6 | 3 | 4000 | 1 | 3 | C | CmWcm | Cm | cbccw | crccbe |
| | Plymouth ... | 1026.0 | -10 | WSW | 2 | Z | 56 | 75 | 8 | 5 | - | - | 10 | 10 | 2500 | 1025.6 | +2 | WSW | 3 | Z | 54 | 85 | 5 | 5 | - | - | 10 | 10 | 4000 | 0 | 2 | CmWcm | Cm | cbccw | crccbe | |
| | The Lizard ... | 1026.2 | -8 | WSW | 2 | C | 56 | 75 | 8 | 5 | - | - | 7-8 | 3+ | 2500 | 1026.1 | 0 | WSW | 3 | C | 54 | 85 | 8 | 8 | 2 | - | 7-8 | 3 | 2500 | 0 | 1 | CmWcm | Cm | cbccw | crccbe | |
| | Scilly (St. Mary's) | 1028.0 | -4 | WSW | 3 | C | 55 | 85 | 8 | 8 | 6 | - | 7-8 | 3+ | 2500 | 1027.3 | -2 | WSW | 4 | C | 54 | 85 | 8 | 8 | - | - | 10 | 10 | 2500 | 0 | 2 | CmWcm | Cm | cbccw | crccbe | |
| | Guernsey ... | 1025.6 | -6 | WSW | 2 | C | 55 | 75 | 7 | 8 | 6 | - | 7-8 | 10 | 2500 | 1025.1 | +4 | WSW | 1 | C | 54 | 85 | 7 | 8 | 2 | - | 7-8 | 3 | 2500 | 0 | 1 | CmWcm | Cm | cbccw | crccbe | |
| 6 | Pembroke ... | 1024.8 | -8 | WSW | 5 | C | 55 | 85 | 8 | 8 | - | - | 3 | 3 | 2500 | 1023.5 | -10 | WSW | 5 | C | 55 | 92 | 8 | 8 | 2 | - | 7-8 | 3+ | 2500 | 1 | 3 | C | CmWcm | Cm | cbccw | crccbe |
| 7 | Holyhead ... | 1023.2 | -18 | WSW | 5 | C | 55 | 85 | 7 | 6 | 2 | - | 7-8 | 10 | 800 | 1019.5 | -6 | WSW | 6 | C | 55 | 85 | 5 | 6 | 2 | - | 9 | 10 | 800 | 1 | 3 | C | CmWcm | Cm | cbccw | crccbe |
| 8 | Chester (Sealand) | 1021.2 | -14 | WSW | 3 | C | 56 | 85 | 8 | 5 | 7 | - | 7-8 | 10 | 1500 | 1019.7 | -4 | WSW | 4 | C | 54 | 85 | 6 | 6 | 2 | - | 9 | 10 | 1500 | 1 | 3 | C | CmWcm | Cm | cbccw | crccbe |
| | Manchester ... | 1020.2 | -18 | WSW | 4 | C | 54 | 85 | 6 | 6 | 2 | - | 9 | 10 | 450 | 1018.7 | -8 | WSW | 4 | C | 53 | 92 | 5 | 6 | 2 | - | 9 | 10 | 800 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| 10 | Spurn Head ... | 1019.4 | -12 | WSW | 4 | C | 54 | 85 | 4 | 5 | 2 | - | 4-6 | 10 | 1500 | 1018.1 | 0 | WSW | 3 | C | 52 | 82 | 4 | 5 | 2 | - | 4-6 | 7-8 | 2500 | 1 | 4 | CmWcm | Cm | cbccw | crccbe | |
| | Catterick ... | 1018.0 | -12 | WSW | 2 | C | 56 | 75 | 8 | 8 | 9 | - | 7-8 | 3 | 2500 | 1016.4 | -6 | WSW | 2 | C | 51 | 85 | 8 | 5 | 4 | - | 7-8 | 7-8 | 4000 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| | Tynemouth ... | 1017.3 | -8 | WSW | 3 | C | 56 | 65 | 7 | 2 | 3 | - | 4-6 | 4-6 | 2500 | 1016.3 | -4 | WSW | 2 | C | 50 | 75 | 6 | 2 | - | - | 4-6 | 4-6 | 2500 | 1 | 1 | CmWcm | Cm | cbccw | crccbe | |
| 11 | St. Abbs Head | 1015.4 | -16 | WSW | 4 | C | 51 | 65 | 7 | 8 | 6 | - | 4-6 | 3 | 2500 | 1013.5 | -8 | WSW | 5 | C | 49 | 75 | 8 | 5 | 6 | 2 | 4-6 | 4-6 | 2500 | 0 | 2 | CmWcm | Cm | cbccw | crccbe | |
| | Leuchars ... | 1015.2 | -16 | WSW | 3 | C | 53 | 65 | 7 | 8 | 7 | - | 4-6 | 7-8 | 4000 | 1013.5 | -6 | WSW | 3 | C | 47 | 85 | 8 | 5 | - | - | 7-8 | 3 | 4000 | 1 | 1 | CmWcm | Cm | cbccw | crccbe | |
| 12 | Benfrew (Abbots L.) | 1016.5 | -20 | WSW | 4 | C | 55 | 65 | 8 | 8 | 4 | - | 4-6 | 4-6 | 1500 | 1016.0 | -2 | WSW | 3 | C | 48 | 85 | 8 | 8 | 7 | - | 4-6 | 7-8 | 1500 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| | Eskdalemuir ... | 1017.0 | -16 | WSW | 3 | C | 51 | 65 | 8 | 8 | 3 | - | 2-3 | 4-6 | 2500 | 1016.3 | -2 | WSW | 2 | C | 45 | 85 | 8 | 5 | - | - | 2-3 | 7-8 | 2500 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| | Point of Ayre ... | 1019.3 | -10 | WSW | 3 | C | 55 | 85 | 8 | 8 | 7 | - | 7-8 | 3+ | 1500 | 1018.4 | 0 | WSW | 4 | C | 52 | 85 | 7 | 8 | 3 | - | 7-8 | 3+ | 1500 | 1 | 2 | CmWcm | Cm | cbccw | crccbe | |
| 13A | Tiree ... | 1016.4 | -6 | WSW | 5 | C | 52 | 75 | 8 | 8 | 6 | - | 4-6 | 4-6 | 2500 | 1015.7 | 0 | WSW | 4 | C | 52 | 75 | 8 | 8 | - | - | 7-8 | 3 | 1500 | 0 | 4 | CmWcm | Cm | cbccw | crccbe | |
| 13B | Stornoway ... | 1012.4 | 0 | WSW | 4 | C | 46 | 85 | 7 | 4 | 2 | - | 4-6 | 10 | 2500 | 1012.4 | 0 | WSW | 4 | C | 46 | 85 | 6 | 8 | 7 | - | 7-8 | 10 | 1500 | 1 | 2 | CmWcm | Cm | cbccw | crccbe | |
| 15 | Dalwhinnie ... | 1014.8 | -18 | WSW | 3 | C | 45 | 85 | 7 | 4 | 2 | - | 4-6 | 10 | 2500 | 1013.8 | -4 | WSW | 3 | C | 43 | 85 | 7 | 8 | 6 | 2 | 7-8 | 3+ | 1500 | 1 | * | CmWcm | Cm | cbccw | crccbe | |
| | Aberdeen ... | 1013.6 | -20 | WSW | 1 | C | 51 | 65 | 8 | - | 9 | - | 0 | 3 | - | 1012.4 | -2 | WSW | 3 | C | 49 | 75 | 7 | 5 | 7 | - | 2-3 | 7-8 | 4000 | 0 | 1 | CmWcm | Cm | cbccw | crccbe | |
| | Wick ... | 1010.9 | -12 | WSW | 3 | C | 49 | 85 | 8 | 5 | 9 | - | 4-6 | 7-8 | 2500 | 1009.7 | -2 | WSW | 3 | C | 44 | 85 | 7 | 5 | 7 | 8 | 4-6 | 7-8 | 1500 | 1 | 1 | CmWcm | Cm | cbccw | crccbe | |
| | Lerwick ... | 1006.1 | -10 | WSW | 6 | C | 49 | 75 | 8 | 8 | 7 | - | | | | | | | | | | | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 24th October 1939.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th October, 1939. |
|--|--|
| 1 S.E. England | Moderate northwest wind, fresh on coasts; bright intervals, showers, rather cold; ground frost locally at night. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Moderate northwest wind, fresh on coasts; bright intervals; showers; local hail; rather cold; ground frost locally at night. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | As 0 - 4. |
| 10 N.E. England | As 5 - 8. |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A. W. Scotld. B.N.W.Scot- land. | |
| 14 Mid Scotland | Moderate northwest wind, fresh on coasts; bright intervals; showers; local hail and thunder; rather cold; ground frost locally at night. |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | As 0 - 4. |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~ Rough. ~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone is centred to southwest of the British Isles and pressure is low off North Scandinavia. There will be bright intervals and showers in all districts. Hail and thunder will occur locally in the North.

FURTHER OUTLOOK.

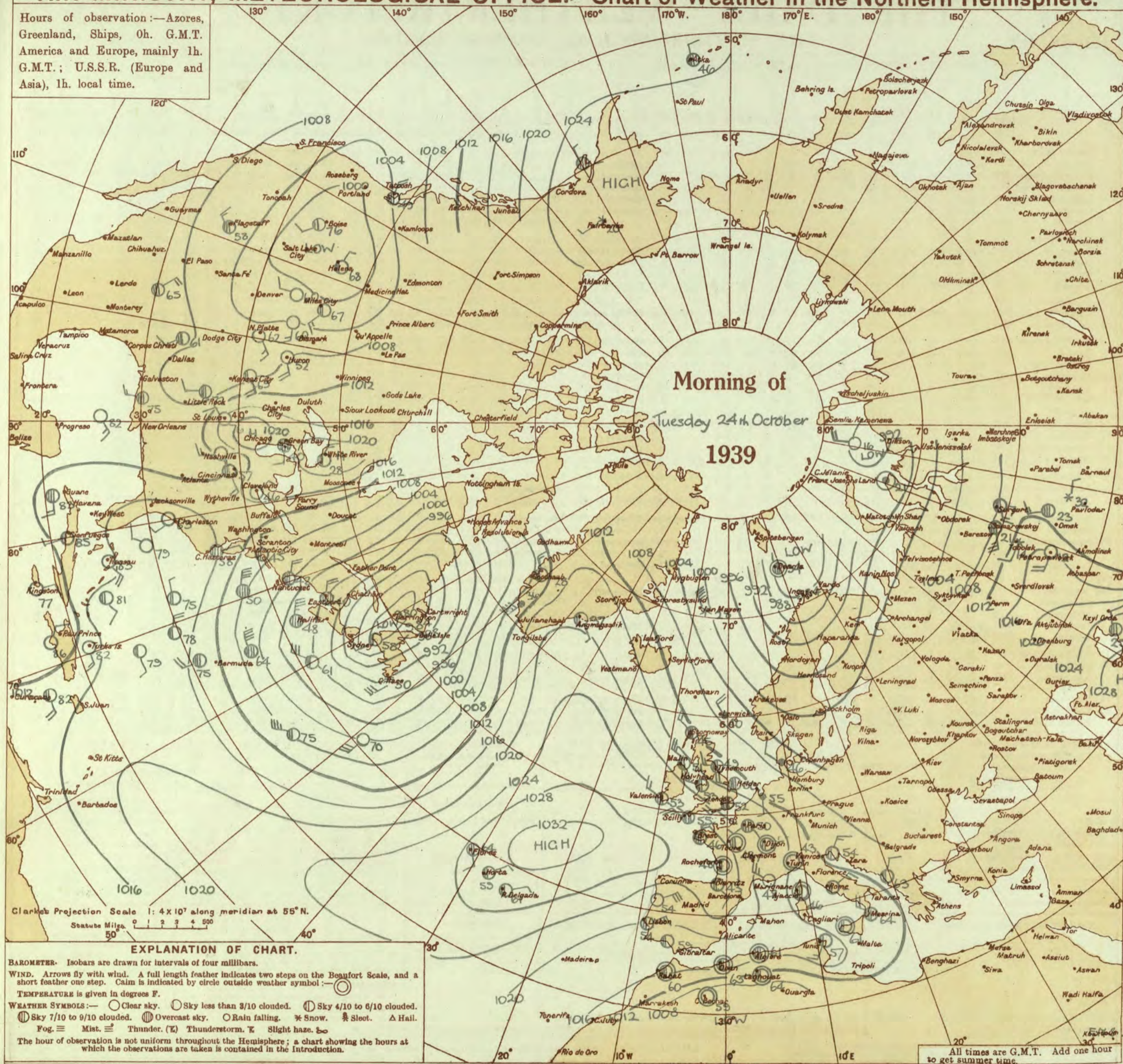
Bright intervals and showers.

Forecasts issued at
H.M.S.O. Press, Cornwall House, S.E.1.

N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

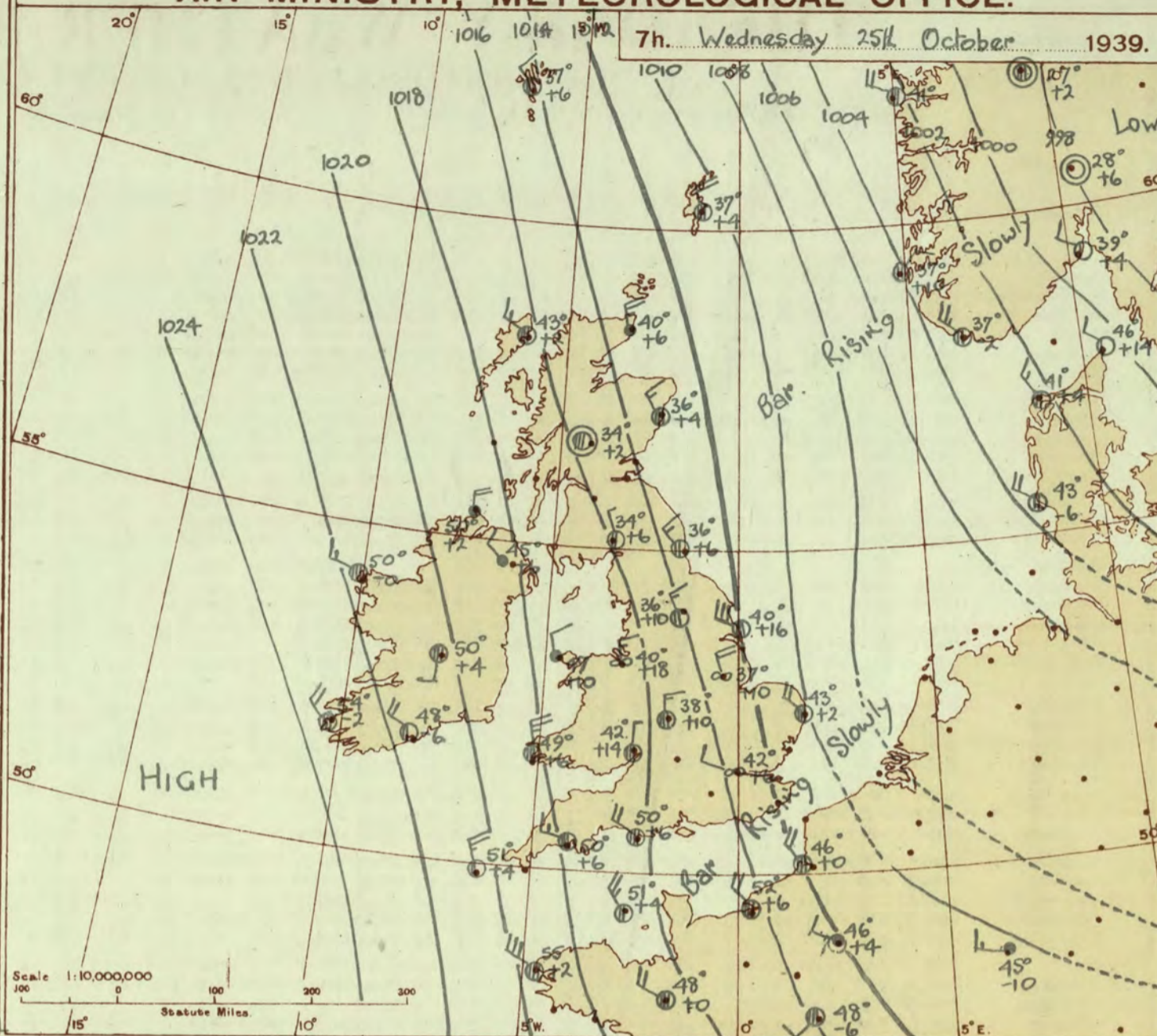
| OBSERVATIONS at 1 hr. G.M.T. 24th October..... | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 24th October..... | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | TEMPERATURE. | | | | RAINFALL. | | | | SUN-SHINE Hrs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | Direc. | | | Force. | Form. | | | | | Amount. | Height of Base (feet). | Direc. | Force. | | | Form. | Amount. | | | | | Height of Base (feet). | State of Ground. | 0-9 | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. | High. | Low. | Total 0-10 | Low. | Med. |

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Wednesday 25th October. 1939
No 28,461

| OBSERVATIONS at 13h. G.M.T. 24th October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 24th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | |
|--|--------------------------------------|-------------------------------|------------------------------|-------------|-----------------------|-----------------|---------------------|--------------------|---------------------------|--------------|--------------|--------------|-------------|--|--------------------------------|-------------------------------|---|--------------|------------------|----------------------|---------------------|----------------------------|-----------------------|---------------|--------------|--------------|---------------------|------------------------------------|---------------------|-----------------------|--|--------------------------|---------------------------|--------------------------|-------------------------|
| DISTRICT. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. (5) | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. (19) | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | | State of Ground. 0-9 (29) | Sea. 0-9 (30) | WEATHER. | | | | | |
| | | | | Dir. (3) | Force. 0-12 (4) | | | | | Form. (9) | Med. (10) | High (11) | Low (12) | Total 0-10 (13) | | | Height of Base. (feet) (14) | Dir. (17) | | | | | Force 0-12 (18) | Form. (23) | Med. (24) | High (25) | Low 0-10 (26) | | | Total 0-10 (27) | Height of Base (feet) (28) | 7h.—13h. 24th (37) | 13h.—18h. 24th (38) | 18h.—1h. 25th (39) | 1h.—7h. 25th (40) |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1016.1 | -10 | SSW | 3 | C | 55 | 65 | 8 | 8 | 6 | 7 | 4-6 | 3 | 2500 | 1015.3 | +2 | W'S | 2 | C/r | 48 | 92 | 4 | 6 | 2 | - | 7-8 | 10 | 450 | 1 | * | bcmoc | cmncro | cobdcm | ukvwo |
| | Croydon ... | 1016.6 | -14 | WN | 4 | C | 54 | 65 | 6 | 6 | 2 | 9 | 2 | 9 | 2500 | 1015.5 | -2 | WSW | 2 | C/r | 47 | 92 | 5 | 9 | 2 | - | 10 | 10 | 4000 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | S. Farnborough | 1016.7 | -16 | WN | 4 | C | 54 | 75 | 7 | 8 | 3 | 8 | 7 | 7 | 2500 | 1015.7 | 0 | SW | 2 | C/r | 47 | 92 | 6 | 6 | 7 | - | 9 | 9 | 2500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Boscombe Down | 1017.1 | -16 | WN | 4 | C | 51 | 85 | 7 | 8 | 7 | - | 7-8 | 9 | 4000 | 1015.8 | -2 | WN | 3 | C | 48 | 92 | 7 | 5 | 7 | - | 7-8 | 7-8 | 1500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Calshot (Soton.) | 1017.7 | -14 | WN | 3 | C | 54 | 75 | 7 | 5 | - | - | 10 | 10 | 5700 | 1016.1 | -4 | WNW | 3 | pr | 52 | 85 | 6 | 8 | 7 | - | 7-8 | 9 | 1500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Lympe ... | 1016.1 | -10 | WN | 4 | C | 52 | 75 | 7 | 2 | - | 6 | 2-3 | 9 | 2500 | 1015.6 | 0 | WNW | 3 | rr | 46 | 92 | 7 | - | 2 | - | 10 | 10 | 2500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Manston ... | 1015.8 | -4 | WN | 4 | C | 55 | 75 | 7 | 1 | - | 6 | 2-3 | 7-8 | 1500 | 1014.0 | -6 | WN | 3 | C | 49 | 85 | 6 | 5 | - | - | 10 | 10 | 4000 | 0 | * | bcmzcc | czpr | PR | cmncro |
| 2 | Shoeburyness ... | 1015.6 | -8 | WN | 3 | C | 56 | 65 | 7 | 2 | 3 | 6 | 4-6 | 7-8 | 2500 | 1014.7 | +2 | WNW | 4 | C | 49 | 85 | 6 | 8 | 2 | - | 7-8 | 10 | 2500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Felixstowe ... | 1014.0 | -10 | WN | 4 | C | 54 | 65 | 8 | 2 | 4 | 1 | 4-6 | 4-6 | 2500 | 1013.2 | +2 | W | 2 | C/r | 50 | 85 | 6 | 8 | 2 | - | 4-6 | 9 | 2500 | 1 | 1 | bcmzcc | czpr | PR | cmncro |
| | Gorleston ... | 1013.0 | -2 | WN | 4 | C | 53 | 75 | 6 | 8 | - | - | 7-8 | 7-8 | 2500 | 1012.8 | +4 | NNW | 2 | bc | 49 | 75 | 5 | 5 | - | - | 2-3 | 4-6 | 2500 | 0 | 2 | bcmzcc | czpr | PR | cmncro |
| | Mildenhall ... | 1014.2 | -10 | WN | 4 | C | 54 | 75 | 7 | 8 | 7 | 6 | 4-6 | 7-8 | 2500 | 1013.1 | -4 | W | 2 | m | 47 | 92 | 4 | 5 | - | - | 9 | 9 | 5700 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Cranwell ... | 1014.1 | -6 | WN | 4 | C/r | 53 | 65 | 6 | 3 | 6 | 1 | 9 | 9 | 2500 | 1013.4 | -2 | W | 2 | z | 46 | 85 | 5 | - | 3 | 1 | 0 | 14 | - | 0 | * | bcmzcc | czpr | PR | cmncro |
| 3 | Birmingham | 1015.3 | -12 | WN | 3 | C/r | 48 | 85 | 5 | 7 | - | 2-3 | 9 | 9 | 2500 | 1015.3 | 0 | WNW | 3 | ir | 47 | 85 | 5 | - | 7 | - | 0 | 9 | - | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Upper Heyford | 1016.5 | -16 | WN | 3 | C | 53 | 75 | 8 | 8 | 7 | 1 | 7-8 | 9 | 1500 | 1015.7 | 0 | NW | 4 | pr | 47 | 92 | 7 | 5 | 7 | - | 7-8 | 9 | 1500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| 4 | Ross-on-Wye ... | 1016.7 | -14 | W | 3 | C | 53 | 75 | 8 | 5 | 1 | - | 9 | 10 | 2500 | 1015.8 | -4 | W'S | 3 | bc | 49 | 85 | 8 | 5 | 4 | - | 4-6 | 4-6 | 2500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| 5 | Hartland Point | 1017.3 | -16 | WN | 4 | C | 53 | 85 | 7 | 5 | 7 | - | 7-8 | 9 | 2500 | 1017.9 | -4 | NW | 4 | C | 53 | 85 | 8 | 9 | 1 | - | 7-8 | 10 | 1500 | 1 | 3 | bcmzcc | czpr | PR | cmncro |
| | Bristol ... | 1017.3 | -8 | W | 4 | C | 55 | 85 | 8 | 8 | - | - | 10 | 10 | 4000 | 1016.4 | -6 | WNW | 2 | bc | 50 | 85 | 7 | 5 | 9 | - | 4-6 | 4-6 | 2500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Portland Bill ... | 1017.3 | -8 | W | 4 | C | 55 | 85 | 8 | 8 | - | - | 10 | 10 | 4000 | 1016.4 | -6 | WNW | 2 | bc | 50 | 85 | 8 | 5 | 9 | - | 4-6 | 4-6 | 2500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Plymouth ... | 1020.5 | -14 | WN | 4 | C/r | 55 | 75 | 6 | 6 | 6 | - | 7-8 | 9 | 1500 | 1019.2 | -2 | WNW | 3 | C/r | 52 | 85 | 5 | 9 | - | - | 10 | 10 | 1500 | 1 | 2 | bcmzcc | czpr | PR | cmncro |
| | The Lizard ... | 1022.1 | -20 | WNW | 5 | C/r | 55 | 52 | 8 | 8 | 2 | - | 7-8 | 9 | 1500 | 1020.7 | -2 | WNW | 3 | C/r | 54 | 85 | 8 | 8 | 2 | - | 9 | 10 | 1500 | 1 | 2 | bcmzcc | czpr | PR | cmncro |
| | Scilly (St. Mary's) | 1023.2 | -12 | WNW | 5 | C/r | 55 | 85 | 7 | 8 | 7 | - | 4-6 | 10 | 1500 | 1021.5 | -6 | WNW | 5 | C | 54 | 92 | 8 | 8 | 7 | - | 7-8 | 10 | 1500 | 1 | 3 | bcmzcc | czpr | PR | cmncro |
| | Guernsey ... | 1020.3 | -12 | WN | 2 | C/r | 54 | 75 | 7 | 4 | 2 | - | 7-8 | 10 | 2500 | 1018.6 | -2 | NW | 2 | pr | 53 | 85 | 7 | 8 | 2 | - | 4-6 | 10 | 2500 | 1 | 2 | bcmzcc | czpr | PR | cmncro |
| 6 | Pembroke ... | 1013.4 | -10 | WNW | 5 | C/r | 54 | 85 | 8 | 8 | 6 | - | 7-8 | 9 | 2500 | 1017.9 | -4 | WNW | 6 | C/r | 53 | 85 | 7 | 8 | - | - | 9 | 9 | 1500 | 3 | 3 | bcmzcc | czpr | PR | cmncro |
| 7 | Holyhead ... | 1017.1 | -10 | WNW | 5 | C | 53 | 75 | 8 | 8 | - | - | 7-8 | 9 | 1500 | 1015.7 | -4 | WNW | 6 | C | 53 | 75 | 8 | 9 | - | - | 7-8 | 7-8 | 1500 | 1 | 3 | bcmzcc | czpr | PR | cmncro |
| | Chester (Sealand) | 1016.1 | -10 | WNW | 4 | C/r | 52 | 85 | 7 | 8 | 7 | - | 7-8 | 9 | 1500 | 1015.2 | -2 | NW | 1 | z | 47 | 92 | 6 | 8 | 3 | - | 9 | 9 | 800 | 1 | * | bcmzcc | czpr | PR | cmncro |
| 8 | Manchester ... | 1015.4 | -10 | WN | 3 | C/r | 49 | 85 | 5 | 8 | 7 | - | 9 | 10 | 2500 | 1014.5 | -2 | SSW | 3 | PR | 47 | 85 | 5 | 8 | - | - | 9 | 9 | 1500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| 10 | Spurn Head ... | 1013.1 | 0 | WN | 4 | C | 53 | 65 | 6 | 8 | - | 4-6 | 7-8 | 2500 | 1012.3 | -4 | NW | 2 | C | 48 | 85 | 6 | 5 | 7 | - | 7-8 | 7-8 | 2500 | 0 | 6 | bcmzcc | czpr | PR | cmncro | |
| | Catterick ... | 1013.5 | -12 | WN | 3 | C | 53 | 55 | 8 | 1 | 3 | 6 | 4-6 | 4-6 | 4000 | 1012.3 | -2 | NW | 1 | bc | 45 | 75 | 7 | 8 | - | 8 | 7 | 4-6 | 4000 | 0 | * | bcmzcc | czpr | PR | cmncro |
| | Tynemouth ... | 1013.1 | -8 | WN | 3 | C | 52 | 55 | 7 | 2 | 6 | - | 4-6 | 4-6 | 1500 | 1012.1 | -4 | NW | 2 | bc | 47 | 75 | 6 | 2 | 3 | - | 4-6 | 4-6 | 2500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| 11 | St. Abbs Head | 1012.1 | -10 | WNW | 4 | C | 49 | 65 | 8 | 8 | 6 | 4 | 4-6 | 7-8 | 2500 | 1011.0 | -4 | WNW | 3 | C/r | 46 | 75 | 8 | 6 | - | 4-6 | 7-8 | 1500 | 1 | 2 | bcmzcc | czpr | PR | cmncro | |
| | Leuchars ... | 1012.3 | -10 | W | 3 | C | 51 | 5 | 9 | 8 | 7 | 1 | 4-6 | 9 | 2500 | 1012.0 | +6 | NNW | 4 | C | 44 | 85 | 8 | 8 | - | - | 7-8 | 7-8 | 2500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| 12 | Renfrew (Abbots I.) | 1014.4 | -6 | WNW | 3 | C | 51 | 75 | 8 | 8 | 5 | 6 | 4-6 | 7-8 | 1500 | 1013.5 | 0 | WN | 2 | bc | 45 | 85 | 8 | 5 | - | - | 2-3 | 2-3 | 1500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Eskdalemuir ... | 1013.3 | -14 | WNW | 4 | C | 49 | 65 | 8 | 8 | 4 | 6 | 2-3 | 7-8 | 2500 | 1012.5 | -2 | WNW | 4 | bc | 44 | 75 | 8 | 5 | - | - | 2-3 | 2-3 | 2500 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Point of Ayre ... | 1015.8 | -6 | WNW | 5 | C | 52 | 75 | 17 | 8 | 4 | 6 | 2-3 | 7-8 | 1500 | 1014.7 | 0 | NW | 4 | bc | 50 | 85 | 8 | 8 | - | - | 2-3 | 2-3 | 1500 | 1 | 3 | bcmzcc | czpr | PR | cmncro |
| 13A | Tiree ... | 1015.3 | -2 | WNW | 4 | C | 49 | 75 | 8 | 8 | 6 | - | 4-6 | 4-6 | 1500 | 1015.9 | -6 | NW | 5 | bc | 48 | 75 | 8 | 8 | - | - | 4-6 | 4-6 | 1500 | 0 | 4 | bcmzcc | czpr | PR | cmncro |
| 13B | Stornoway ... | 1015.0 | 0 | WNW | 5 | C/r | 44 | 85 | 7 | 5 | 7 | - | 7-8 | 9 | 2500 | 1016.6 | +20 | N | 4 | C | 40 | 75 | 7 | 8 | - | - | 7-8 | 7-8 | 4000 | 1 | 2 | bcmzcc | czpr | PR | cmncro |
| 15 | Dalwhinnie ... | 1013.2 | -18 | WNW | 3 | C | 44 | 65 | 7 | 8 | 2 | - | 4-6 | 9 | 2500 | 1016.6 | +6 | N | 2 | C | 38 | 75 | 8 | 5 | - | - | 9 | 9 | 4000 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Aberdeen ... | 1011.5 | -8 | WNW | 3 | C | 48 | 65 | 8 | 8 | 4 | - | 2-3 | 2-3 | 4000 | 1011.7 | +2 | WNW | 2 | bc/pr | 39 | 75 | 6 | 8 | - | - | 9 | 9 | 4000 | 1 | * | bcmzcc | czpr | PR | cmncro |
| | Wick ... | 1011.0 | -2 | WNW | 3 | pr | 44 | 65 | 8 | 5 | 7 | 8 | 4-6 | 9 | 1500 | 1011.7 | +6 | NW | 3 | C | 42 | 75 | 8 | 8 | 7 | 8 | 4-6 | 7-8 | 1500 | 1 | 1 | bcmzcc | czpr | PR | cmncro |
| 16 | Lerwick ... | 1009.0 | -10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 25th October 1939.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th October, 1939. |
|--|---|
| 1 S.E. England | Moderate northwest wind, fresh on coasts; bright intervals; showers; local hail and thunder near the east coast; rather cold; ground frost locally at night. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | Moderate northwest wind; bright periods; showers; rather cold; ground frost locally at night. |
| 5 S.W. England | |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | As 0 - 3. |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | As 4 - 9. |
| 13 { A. W. Scotld. B.N.W.Scot- land. | |
| 14 Mid Scotland | Moderate northwest wind, fresh on coasts. bright intervals, showers of rain or hail; snow on high ground; local thunder; cold; ground frost locally at night. |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | Moderate northwest wind; bright intervals, local showers; rather cold; ground frost locally at night. |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. ~~~~ Rough. ~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A wedge of high pressure west of Ireland is moving very slowly east and pressure is low over Scandinavia. There are indications of a depression approaching Iceland from the west. There will be bright intervals and showers with hail and thunder locally near the east coast.

FURTHER OUTLOOK.

Rain in the Northwest, probably spreading southeast.

Forecasts issued at 0930 G.M.T.

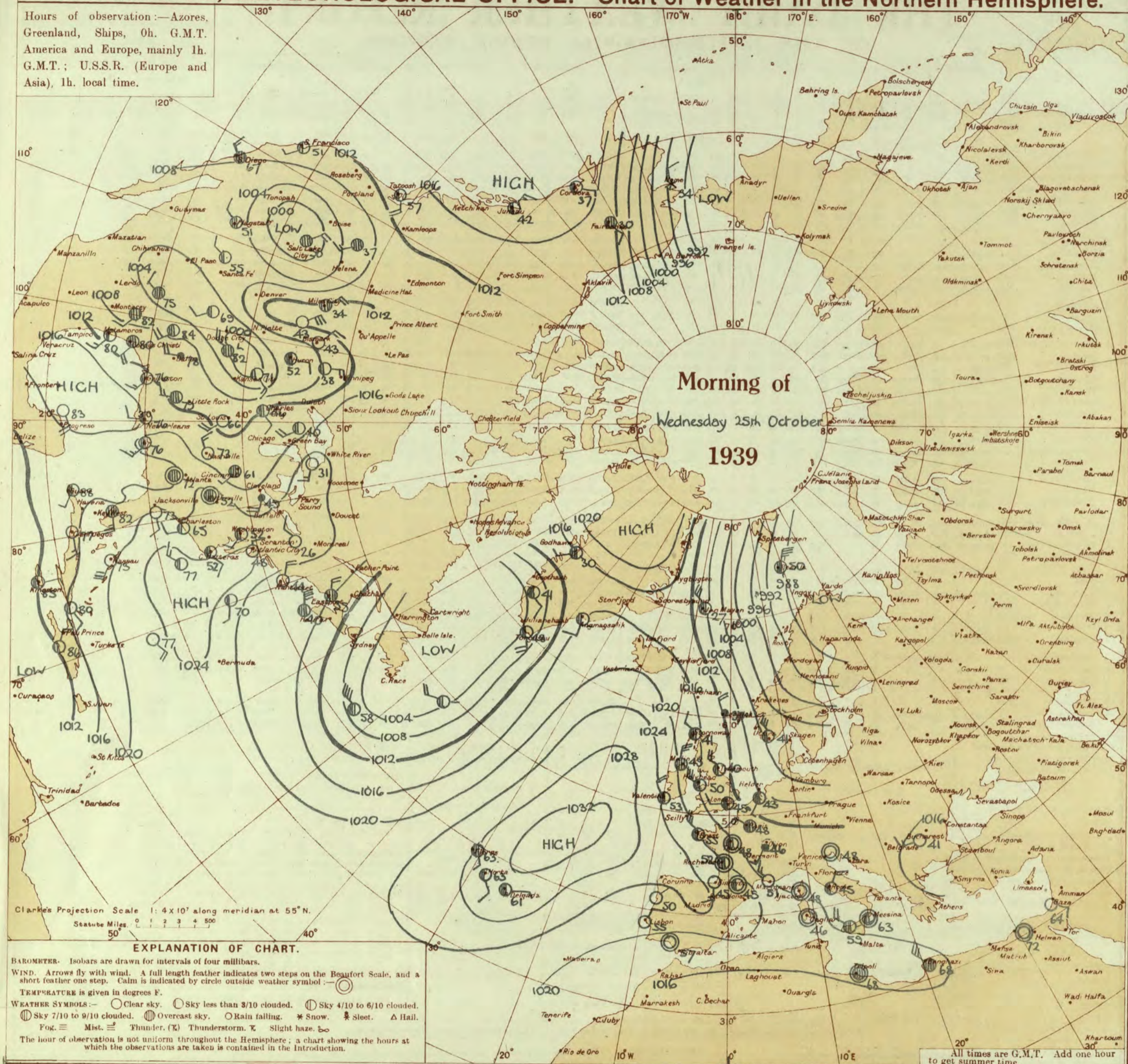
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

H M S O Press, Cornwall House, S.E.

5. 471/37RB at 8.09.0. 26-E. C. 2-3. S.

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 25th October..... | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 25th October..... | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | |
|--|-----------------------------|------------------------------|----------------------|--------------------|--------|-------------|----------|-----------|----------|-----------------|--------|---------|------------------------|--|-------------|----------------------|--------------------|--------|---------|----------|-----------|----------|-----------------|-----------------------|-----------|------|------|----------------|----------------------|----------|--------------|-----------|------|-----------|----------|------------------------|------------|---------------------|-----------------------|-------------------|----------------|------------------|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | | | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | | | State of ground. 0-9 | Sea. 0-9 | TEMPERATURE. | | | RAINFALL. | | SUN-SHINE Hrs. 24 Hrs. | | | | | | |
| | | | | | Direc. | Force. 0-12 | | | | | Form. | Amount. | Height of Base. (feet) | Direc. | Force. 0-12 | | | Form. | Amount. | | | | | Height of Base (feet) | Low. 0-10 | Med. | High | Low 0-10 | | | Total 0-10 | Low. 0-10 | Med. | High | Low 0-10 | | Total 0-10 | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | Night 18h-7h mm. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew) ... 18 | * | * | * | * | * | * | * | * | * | * | * | * | 1014.1 | +10 | NW | 2 | Zo | 43 | 85 | 6 | 5 | 4 | 6 | 46 | 9 | 1500 | 1 | * | 55 | 42 | 35 | 2 | 0.1 | 3.6 | | | | | | | |
| | Croydon ... 217 | 1014.5 | -2 | W | 2 | C | 45 | 97 | 6 | 5 | - | - | 9 | 9 | 1000 | 1013.9 | +6 | NW | 2 | Zo | 42 | 85 | 6 | 5 | - | 7 | 8 | 1500 | 1 | * | 55 | 41 | 38 | 4 | 0.2 | 3.6 | | | | | | |
| | S. Farnborough ... 226 | 1013.7 | +30 | W | 3 | Zo | 42 | 97 | 8 | 5 | 0 | - | 7 | 7 | 1000 | 1014.5 | +14 | NW | 3 | C | 42 | 85 | 7 | 5 | 3 | 9 | 2 | 3 | 9 | 2500 | 1 | * | 55 | 41 | 34 | 2 | Tr | 3.6 | | | | |
| | Boscombe Down ... 417 | 1015.1 | -6 | NW | 3 | Po | 45 | 92 | 6 | 5 | - | - | 1 | 1 | 1000 | 1015.4 | +10 | NNW | 4 | C | 43 | 75 | 8 | 5 | 4 | 6 | 2 | 3 | 7 | 8 | 1000 | 1 | * | 52 | 43 | 40 | 0.3 | 0.1 | 1.5 | | | |
| | Calshot (Stmntn.) ... 8 | 1014.6 | -10 | W | 2 | b | 44 | 92 | 7 | 5 | - | - | 1 | 1 | 1000 | 1015.0 | +6 | NW | 4 | pr | 46 | 75 | 8 | 5 | 7 | 0 | 2 | 3 | 7 | 8 | 1000 | 1 | \$ | 55 | 40 | 38 | Tr | Tr | 2.0 | | | |
| | Lympe ... 346 | 1013.3 | -10 | NNW | 2 | m | 42 | 97 | 4 | 5 | 3 | - | - | 1 | 1 | 1000 | 1012.7 | +6 | NW | 4 | Zo | 40 | 85 | 6 | 5 | 9 | - | 2 | 3 | 7 | 8 | 800 | 1 | 2 | 54 | 40 | 36 | 2 | Tr | 3.3 | | |
| | Manston ... 154 | 1011.6 | -10 | NW | 4 | Zo | 47 | 85 | 6 | - | 3 | - | 0 | 0 | 7 | 8 | 1011.1 | +6 | NW | 5 | Zo | 42 | 85 | 6 | 5 | 7 | 1 | 2 | 3 | 7 | 8 | 800 | 0 | * | 54 | 42 | 39 | - | Tr | 4.2 | | |
| 2 | Shoeburyness ... 11 | * | * | * | * | * | * | * | * | * | * | * | * | 1012.6 | +8 | NW | 3 | Zo | 40 | 85 | 6 | 8 | 7 | - | 1 | 2 | 3 | 7 | 8 | 2500 | 1 | * | 57 | 40 | 33 | - | Tr | 3.1 | | | | |
| | Felixstowe ... 15 | 1011.2 | -12 | W | 3 | Zo | 45 | 92 | 6 | 5 | 0 | - | 0 | 0 | 9 | 10 | 1010.3 | 0 | NW | 5 | pr | 47 | 85 | 6 | 5 | 4 | - | 9 | 9 | 1500 | 1 | 4 | 50 | 42 | 38 | - | Tr | 4.8 | | | | |
| | Gorleston ... 5 | 1010.7 | -10 | W | 3 | C | 43 | 85 | 5 | 5 | - | - | 7 | 8 | 1500 | 1009.1 | +2 | NW | 4 | C | 43 | 85 | 6 | 5 | - | - | 7 | 8 | 2500 | 1 | 2 | 53 | 40 | 39 | - | Tr | * | | | | | |
| | Mildenhall ... 19 | 1011.5 | -10 | W | 3 | C | 41 | 97 | 5 | 5 | - | - | 10 | 10 | 7200 | 1012.3 | +14 | NW | 4 | C | 37 | 85 | 7 | 5 | - | - | 7 | 8 | 4000 | 1 | * | 55 | 37 | 33 | Tr | Tr | 4.6 | | | | | |
| | Cranwell ... 240 | 1012.2 | -2 | NW | 3 | Zo | 43 | 85 | 5 | 5 | - | - | 7 | 8 | 1000 | 1013.7 | +10 | NNW | 4 | Zo | 37 | 85 | 6 | 5 | 4 | - | 1 | 2 | 3 | 7 | 8 | 4000 | 0 | * | 46 | 36 | 33 | Tr | Tr | 4.3 | | |
| 3 | Birmingham ... 535 | * | * | * | * | * | * | * | * | * | * | * | * | 1014.6 | +10 | N | 3 | C | 38 | 85 | 5 | - | - | 6 | 0 | 7 | 8 | - | 1 | * | 51 | 38 | 33 | 2 | 2 | 0.0 | * | | | | | |
| | Upper Heyford ... 408 | 1014.2 | -8 | W | 2 | b | 43 | 92 | 7 | 5 | 3 | - | 0 | 0 | 1 | 1 | 1014.1 | +14 | NW | 4 | C | 38 | 85 | 7 | - | 2 | 0 | 7 | 8 | - | 1 | * | 54 | 38 | 33 | 2 | 0.4 | * | | | | |
| 4 | Ross-on-Wye ... 223 | * | * | * | * | * | * | * | * | * | * | * | * | 1016.5 | +14 | N | 1 | C | 42 | 75 | 8 | 5 | 1 | 8 | 7 | 8 | 2500 | 1 | * | 54 | 41 | 34 | Tr | 0.3 | 0.0 | * | | | | | | |
| 5 | Hartland Point ... 299 | 1017.2 | -4 | NW | 5 | C | 52 | 75 | 8 | 5 | - | - | 7 | 8 | 2500 | 1017.6 | +8 | NW | 5 | C | 51 | 75 | 8 | 8 | 7 | - | 1 | 6 | 9 | 1500 | 0 | 3 | 54 | 50 | 48 | 1 | - | 0.0 | | | | |
| | Bristol ... 209 | 1015.6 | -6 | W | 8 | C | 46 | 92 | 7 | 5 | 8 | - | 7 | 8 | 4000 | 1016.6 | +14 | NW | 3 | C | 45 | 75 | 8 | 5 | 4 | - | 1 | 6 | 7 | 8 | 2500 | 1 | * | 53 | 43 | 34 | 0.1 | Tr | 0.1 | | | |
| | Portland Bill ... 32 | 1015.0 | -6 | NW | 1 | C | 53 | 92 | 8 | 5 | 4 | - | 1 | 6 | 0 | 1000 | 1015.7 | +6 | NW | 1 | C | 50 | 85 | 8 | 5 | - | 9 | 10 | 1000 | 1 | 3 | 57 | 49 | - | - | - | * | | | | | |
| | Plymouth ... 82 | 1017.5 | -8 | NNW | 2 | bc | 51 | 85 | 8 | 5 | - | - | 2 | 3 | 2500 | 1017.0 | +6 | NNW | 3 | C | 50 | 75 | 8 | 2 | - | 8 | 1 | 9 | 1500 | 1 | 2 | 55 | 50 | 45 | - | 0.4 | 0.0 | | | | | |
| | The Lizard ... 240 | 1010.4 | -12 | W | 1 | C | 51 | 92 | 7 | 8 | 2 | - | 9 | 10 | 1500 | 1018.8 | -8 | NW | 4 | C | 49 | 75 | 8 | 8 | 6 | - | 7 | 8 | 2500 | 0 | 2 | 55 | 46 | - | 1 | Tr | 9.9 | | | | | |
| | Scilly (St. Mary's) ... 163 | 1020.8 | -2 | NNW | 5 | pr | 53 | 92 | 8 | 8 | 6 | - | 7 | 8 | 1500 | 1020.4 | +4 | NNW | 5 | bc | 51 | 85 | 7 | 8 | 6 | - | 2 | 3 | 4 | 6 | 1500 | 1 | 3 | 56 | 50 | - | Tr | 0.2 | 0.0 | | | |
| | Guernsey ... 175 | 1016.3 | -8 | NW | 4 | C | 53 | 85 | 7 | 8 | 7 | - | 4 | 6 | 7 | 8 | 1500 | 1016.3 | +12 | NNW | 3 | C | 51 | 75 | 8 | 2 | 1 | - | 4 | 6 | 7 | 8 | 1500 | 1 | 3 | 56 | 51 | 46 | - | - | 0.0 | |
| 6 | Pembroke ... 142 | 1018.4 | 0 | NNW | 5 | C | 50 | 75 | 8 | 5 | - | - | 7 | 8 | 1500 | 1018.6 | +6 | NW | 5 | C | 49 | 75 | 8 | 8 | 7 | - | 7 | 8 | 1500 | 1 | 3 | 55 | 48 | - | 0.6 | - | 0.4 | | | | | |
| 7 | Holyhead ... 26 | 1018.7 | -6 | NW | 6 | C | 50 | 75 | 8 | 2 | - | 6 | 4 | 6 | 7 | 8 | 2500 | 1017.8 | +10 | NW | 2 | pr | 47 | 75 | 8 | 6 | 3 | - | 7 | 8 | 1500 | 1 | 3 | 54 | 45 | 43 | 0.1 | 2 | 1.1 | | | |
| | Chester (Sealand) ... 16 | 1014.9 | +2 | NNW | 3 | C | 46 | 75 | 7 | 8 | - | - | 9 | 9 | 2500 | 1016.7 | +18 | N | 3 | pr | 40 | 75 | 6 | 7 | - | 1 | 7 | 8 | 1000 | 1 | * | 54 | 39 | 35 | 10 | 3 | 1.9 | | | | | |
| 8 | Manchester ... 70 | 1014.0 | 0 | NNW | 3 | bc | 45 | 85 | 7 | 8 | 3 | - | 4 | 6 | 1000 | 1015.6 | +10 | NW | 2 | Zo | 34 | 85 | 6 | 5 | 5 | 2 | 2 | 3 | 4 | 6 | 1000 | 1 | * | 53 | 34 | 29 | 1 | 1 | 1.1 | | | |
| 10 | Spurn Head ... 29 | 1010.0 | -8 | NW | 5 | C | 45 | 85 | 6 | 5 | - | - | 7 | 8 | 2500 | 1011.6 | +16 | NNW | 6 | C | 40 | 82 | 6 | 9 | - | - | 7 | 8 | 1500 | 1 | 6 | 53 | 40 | - | Tr | 1 | 6.1 | | | | | |
| | Catterick ... 175 | 1013.0 | +8 | NNW | 3 | pr | 41 | 75 | 8 | 5 | - | - | 0 | 1 | 1 | 1000 | 1012.5 | +10 | NNW | 3 | bc | 36 | 75 | 9 | - | 5 | - | 0 | 2 | 3 | - | 1 | * | 53 | 35 | 27 | - | - | 4.8 | | | |
| | Tynemouth ... 108 | 1012.6 | +4 | NW | 4 | bc | 40 | 75 | 7 | 2 | - | - | 4 | 6 | 1000 | 1014.0 | +6 | NW | 3 | bc | 36 | 75 | 7 | 2 | - | - | 4 | 6 | 1000 | 0 | 2 | 53 | 35 | 32 | - | - | * | | | | | |
| 11 | St. Abbs Head ... 280 | 1012.2 | +8 | N | 6 | bc | 42 | 75 | 8 | 2 | 6 | - | 4 | 6 | 2500 | 1013.9 | +6 | NW | 5 | bc | 42 | 75 | 8 | 5 | 4 | 9 | 2 | 3 | 4 | 6 | 2500 | 0 | 3 | 50 | 41 | - | Tr | Tr | * | | | |
| | Leuchars ... 36 | 1014.3 | +4 | NW | 3 | b | 38 | 75 | 8 | - | 6 | - | 0 | 1 | - | 1014.7 | +4 | W | 1 | bc | 35 | 85 | 8 | 8 | 7 | - | 1 | 2 | 3 | 4 | 1000 | 1 | * | 51 | 34 | 28 | 0.4 | - | 4.0 | | | |
| 12 | Renfrew (Abbots L.) ... 19 | 1016.6 | +10 | W | 2 | C | 39 | 85 | 8 | 5 | - | - | 9 | 9 | 1000 | 1016.1 | +6 | NNW | 1 | bc | 34 | 75 | 6 | 5 | 7 | 6 | 1 | 1 | 6 | 1500 | 3 | * | 50 | 31 | 23 | - | Tr | 5.1 | | | | |
| | Eskdalemuir ... 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 1017.1 | +6 | NW | 4 | C | 46 | 65 | 8 | 5 | 7 | 8 | 2 | 3 | 9 | 1500 | 0 | 3 | 54 | 45 | - | 2 | - | 1.5 | | | | |
| | Point of Ayre ... 30 | 1016.1 | +8 | N/E | 6 | bc | 47 | 65 | 8 | 4 | 3 | - | 1 | 2 | 3 | 2500 | 1017.1 | +6 | N/E | 4 | C | 46 | 65 | 8 | 5 | 7 | 8 | 2 | 3 | 9 | 1500 | 0 | 3 | 54 | 45 | - | 2 | - | 1.5 | | | |
| 13A | Tiree ... 22 | * | * | * | * | * | * | * | * | * | * | * | * | 1017.4 | +4 | NNW | 4 | bc | 47 | 55 | 8 | 5 | 4 | 5 | 2 | 3 | 2 | 3 | 1000 | 0 | 3 | 52 | 45 | 41 | 1 | - | 3.2 | | | | | |
| 13B | Stornoway ... 80 | 1018.4 | 0 | NW | 2 | C | 41 | 75 | 8 | 8 | 7 | - | 7 | 8 | 2500 | 1017.2 | +2 | NW | 3 | C | 43 | 75 | 8 | 8 | 5 | - | 9 | 10 | 2500 | 1 | 1 | 49 | 38 | - | 1 | - | 3.5 | | | | | |
| 15 | Dalwhinnie ... 1176 | * | * | * | * | * | * | * | * | * | * | * | * | 1017.0 | +4 | - | 0 | C | 34 | 85 | 8 | 5 | - | - | 0 | 10 | 1000 | 1 | * | 45 | 32 | 29 | 4 | 0.6 | 2.0 | | | | | | | |
| | Aberdeen ... 79 | * | * | * | * | * | * | * | * | * | * | * | * | 1013.6 | +4 | NW | 3 | C | 36 | 85 | 7 | 9 | - | - | 7 | 8 | 1500 | 1 | 1 | 48 | 35 | 31 | 3 | 2 | 3.2 | | | | | | | |
| | Wick ... 81 | 1013.1 | 0 | NNW | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

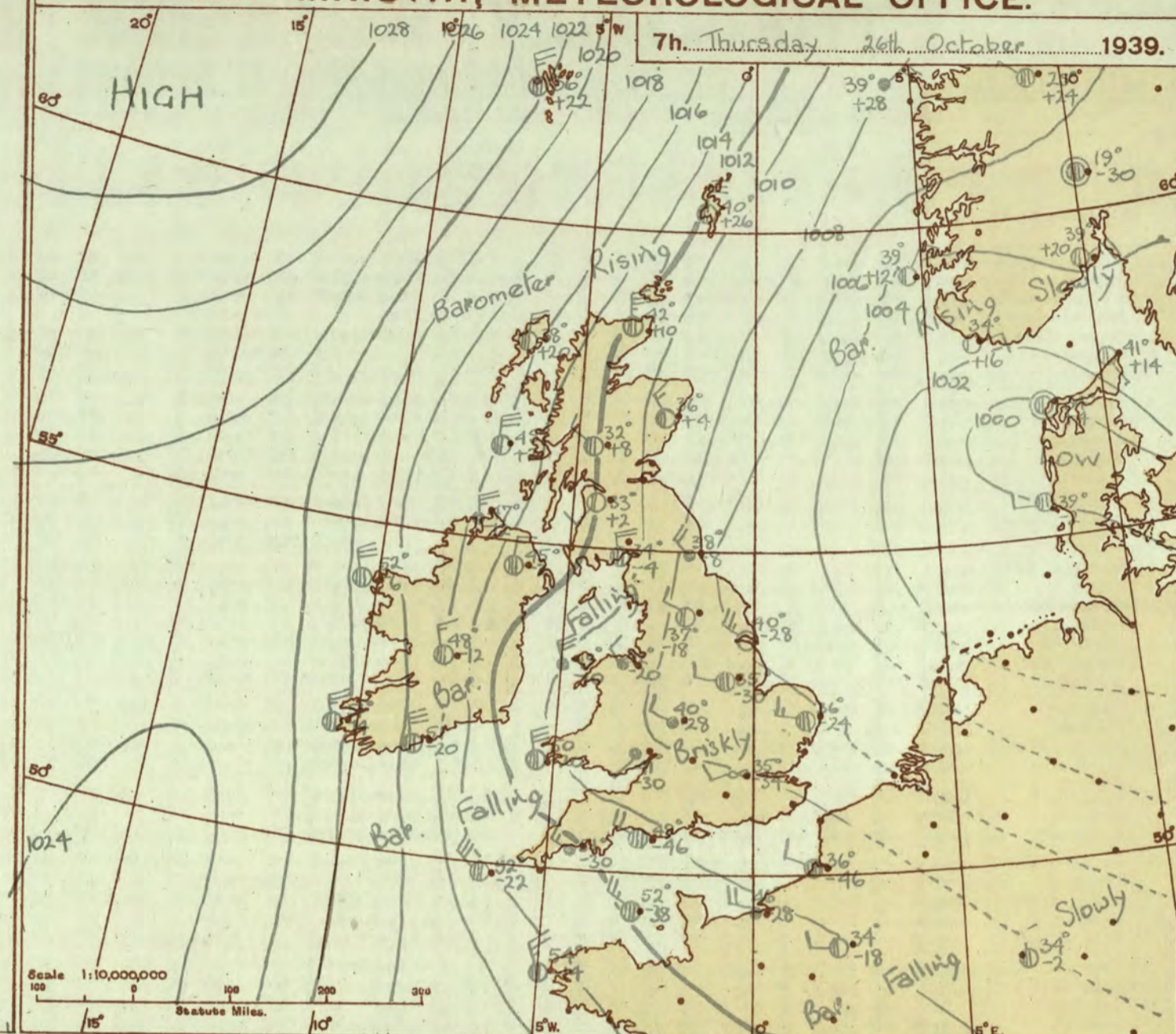
OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Thursday 26th October 1939
 No 28,462.

| OBSERVATIONS at 13h. G.M.T. 25th October. | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 25th October. | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | |
|---|--------------------------------------|--------------------------------------|------------------------------|-------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|--|--------------------------------------|------|---|-------------------------------|------------------------|-------|----------|----------------------|---------------------|----------------------------|--|--------------------------------------|--------------------------|---------------------------|------------------------------------|---------------------|-------------------------------|-------------------------|------|---------|--------|--------|--------|-------|
| District. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 8 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | Barom. at M.S.L. mb. (15) | Change in 8 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | State of Ground. 0-9 (29) | Sea. 0-9 (30) | WEATHER. | | | | | | | |
| | | | | Dir. | Force. 0-12 (4) | | | | | Form. | Amount. Low 0-10 Total 0-10 (12) (13) | Height of Base. (feet) (14) | Dir. | | | Force. 0-12 (18) | Form. | | | | | Amount. Low 0-10 Total 0-10 (26) (27) | Height of Base. (feet) (28) | 7h.—13h. 25th (37) | 13h.—18h. 25th (38) | | | 18h.—25th 1h. 26th (39) | 1h.—7h. 26th (40) | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1014.8 | -2 | NNW | 3 | Zo | 47 | 55 | 6 | 1 | 7-8 | 7-8 | 2500 | 1015.1 | +2 | WNW | 2 | Zo | 43 | 65 | 5 | 5 | 7 | - | 4-6 | 4-6 | 2500 | 1 | * | czo | czo | bczow | bczow | | |
| | Croydon ... | 1014.8 | +2 | NW | 3 | bc | 46 | 55 | 6 | 2 | 4 | 4-6 | 4-6 | 2500 | 1015.2 | 0 | W/N | 2 | bc | 41 | 75 | 3 | 5 | 3 | - | 1 | 2-3 | 2500 | 1 | * | bczow | bczow | bczow | bczow | |
| | S. Farnborough | 1015.6 | -2 | NNW | 3 | C | 47 | 55 | 7 | 1 | 6 | 2-3 | 7-8 | 4000 | 1015.5 | +2 | W | 2 | Zo | 37 | 75 | 6 | 5 | - | 1 | Tr | 1 | 5700 | 1 | * | bczow | bczow | bczow | bczow | |
| | Boscombe Down | 1016.8 | +2 | NNW | 4 | C | 47 | 45 | 8 | 2 | 8 | 4-6 | 7-8 | 2500 | | | | | | | | | | | | | | | | | | | | | |
| | Calshot (Soton.) | 1016.2 | 0 | NNW | 5 | C | 48 | 55 | 7 | 1 | 8 | 1 | 7-8 | 4000 | 1016.0 | +2 | WNW | 2 | Zo | 41 | 75 | 6 | - | 4 | 1 | 0 | 2-3 | - | 1 | 1 | c.m.bcc | cybcmo | mbccbc | prmac | |
| | Lymington | 1013.4 | +4 | NNW | 5 | bc | 45 | 65 | 8 | 2 | - | 4-6 | 4-6 | 2500 | 1014.8 | +8 | NNW | 2 | b | 39 | 75 | 6 | 2 | 4 | - | Tr | 1 | 4000 | 1 | \$ 2 | bczow | bczow | bczow | bczow | |
| | Manston | 1012.4 | +4 | NNW | 5 | 0 | 47 | 75 | 7 | 2 | - | 7-8 | 7-8 | 2500 | 1013.5 | +10 | NNW | 5 | Zo | 44 | 65 | 6 | 4 | - | - | 2-3 | 2-3 | 1500 | 0 | * | bczow | bczow | bczow | bczow | |
| 2 | Shoeburyness ... | 1013.5 | +2 | NNW | 3 | bc | 48 | 65 | 8 | 2 | - | 4-6 | 4-6 | 2500 | 1014.0 | +4 | NW | 2 | b | 41 | 75 | 8 | 6 | 2 | - | Tr | 1 | 2500 | 1 | * | bczow | bczow | bczow | bczow | |
| | Felixstowe ... | 1011.8 | +2 | NNW | 5 | bc | 47 | 75 | 7 | 3 | - | 4-6 | 4-6 | 1500 | 1012.8 | +4 | NNW | 3 | z | 43 | 75 | 6 | 8 | 6 | - | 7-8 | 7-8 | 2500 | 1 | 1 | cprmac | cprmac | cprmac | cprmac | |
| | Gorleston ... | 1011.5 | +8 | NW | 4 | C | 47 | 65 | 6 | 8 | - | 7-8 | 7-8 | 2500 | 1012.4 | +8 | NNW | 4 | phr | 41 | 85 | 6 | 8 | - | - | 10 | 10 | 1500 | 1 | 2 | cphr | cphr | cprmac | bczow | |
| | Mildenhall ... | 1013.6 | +2 | NNW | 4 | C | 45 | 75 | 8 | 3 | - | 7-8 | 7-8 | 4000 | 1013.7 | +2 | NNW | 3 | z | 37 | 85 | 6 | 5 | - | - | 1 | 1 | 4000 | 1 | * | bczow | bczow | bczow | bczow | |
| | Cranwell ... | 1014.3 | -6 | NW | 4 | C | 46 | 65 | 7 | 1 | - | 4-6 | 7-8 | 2500 | 1014.3 | +2 | NW | 3 | z | 40 | 65 | 7 | 1 | - | - | 1 | 1 | 4000 | 0 | * | bczow | bczow | bczow | bczow | |
| 3 | Birmingham | 1016.0 | -4 | NNW | 4 | C | 45 | 45 | 6 | 7 | - | 2-3 | 7-8 | 1500 | 1016.1 | +4 | NNW | 3 | bc | 42 | 65 | 6 | - | 4 | - | 0 | 2-3 | - | 1 | * | bczow | bczow | bczow | bczow | |
| 4 | Upper Heyford | 1016.0 | +2 | NW | 4 | C | 46 | 65 | 7 | 2 | 6 | 2-3 | 7-8 | 2500 | 1016.1 | +4 | NW | 2 | Zo | 40 | 75 | 6 | 5 | 4 | - | 4-6 | 4-6 | 2500 | 1 | * | bczow | bczow | bczow | bczow | |
| | Ross-on-Wye ... | 1016.0 | +2 | NW | 4 | C | 46 | 65 | 7 | 2 | 6 | 2-3 | 7-8 | 2500 | 1016.7 | +4 | NNW | 3 | C | 45 | 75 | 8 | 5 | 3 | - | 7-8 | 9 | 2500 | 1 | * | bczow | bczow | bczow | bczow | |
| 5 | Hartland Point | 1018.7 | 0 | N | 4 | C | 50 | 75 | 8 | 8 | - | 7-8 | 7-8 | 1500 | 1018.0 | 0 | N | 5 | C | 51 | 65 | 8 | 8 | 4 | - | 4-6 | 9 | 1500 | 0 | 3 | cirp | cirp | cirp | cirp | |
| | Bristol ... | 1017.4 | -2 | NNW | 4 | bc | 48 | 55 | 8 | 7 | 3 | 2-3 | 4-6 | 4000 | 1016.9 | +4 | WN | 3 | C | 44 | 75 | 7 | 8 | 7 | - | 7-8 | 9 | 4000 | 1 | * | bczow | bczow | bczow | bczow | |
| | Portland Bill | 1017.2 | +2 | NW | 3 | C | 51 | 75 | 8 | 2 | 4 | - | 4-6 | 7-8 | 4000 | 1015.8 | -2 | NW | 4 | C | 49 | 92 | 8 | 5 | 4 | - | 4-6 | 10 | 4000 | 1 | 3 | bczow | bczow | bczow | bczow |
| | Plymouth | 1018.8 | 0 | NNW | 4 | C | 53 | 65 | 8 | 8 | 4 | - | 4-6 | 7-8 | 2500 | 1018.3 | +2 | NNW | 4 | b/pr | 49 | 75 | 7 | 8 | - | - | 1 | 1 | 2500 | 1 | 2 | bczow | bczow | bczow | bczow |
| | The Lizard | 1020.3 | -8 | NW | 4 | C | 54 | 75 | 8 | 6 | - | 7-8 | 7-8 | 2500 | 1020.2 | +8 | NNW | 4 | C | 50 | 92 | 8 | 8 | 6 | - | 7-8 | 7-8 | 2500 | 0 | 2 | bczow | bczow | bczow | bczow | |
| | Scilly (St. Mary's) | 1021.8 | 0 | N | 3 | C | 55 | 85 | 7 | 8 | 6 | 3 | 4-6 | 7-8 | 1500 | 1021.0 | 0 | NNW | 4 | C | 52 | 85 | 8 | 8 | 7 | - | 4-6 | 9 | 1500 | 0 | 3 | bczow | bczow | bczow | bczow |
| | Guernsey | 1017.6 | +4 | NW | 2 | C | 51 | 75 | 8 | 8 | 7 | - | 7-8 | 9 | 1500 | 1017.4 | +2 | NNW | 3 | C | 50 | 75 | 8 | 2 | 3 | - | 4-6 | 7-8 | 1500 | 1 | 3 | bczow | bczow | bczow | bczow |
| 6 | Pembroke | 1019.3 | -2 | NNW | 4 | C | 52 | 65 | 8 | 2 | 7 | - | 7-8 | 9 | 2500 | 1018.2 | -2 | NNW | 4 | C | 54 | 75 | 8 | 8 | - | - | 7-8 | 7-8 | 1500 | 1 | 2 | bczow | bczow | bczow | bczow |
| 7 | Holyhead | 1017.5 | -2 | NW | 5 | C | 50 | 65 | 8 | 8 | - | 7-8 | 7-8 | 2500 | 1017.3 | -2 | NNW | 4 | C | 51 | 65 | 8 | 8 | 3 | - | 7-8 | 9 | 1500 | 1 | 3 | bczow | bczow | bczow | bczow | |
| | Chester (Sealand) | 1016.5 | -6 | NNW | 4 | bc | 50 | 55 | 8 | 1 | 3 | 2 | 2-3 | 4-6 | 2500 | 1016.6 | +2 | N | 2 | Zo | 42 | 75 | 6 | 8 | - | - | 9 | 9 | 2500 | 1 | * | bczow | bczow | bczow | bczow |
| 8 | Manchester | 1016.1 | +4 | NNW | 3 | bc | 47 | 55 | 8 | 1 | - | 9 | 2-3 | 2-3 | 4000 | 1016.3 | +4 | N | 0 | Zo | 40 | 75 | 5 | 5 | - | - | 7-8 | 7-8 | 4000 | 1 | * | bczow | bczow | bczow | bczow |
| 10 | Spurn Head | 1012.7 | -4 | NNW | 5 | C | 46 | 75 | 7 | 8 | 8 | - | 4-6 | 7-8 | 1500 | 1013.6 | +4 | NNW | 5 | C | 43 | 75 | 6 | 5 | 9 | - | 4-6 | 9 | 1500 | 1 | 4 | bczow | bczow | bczow | bczow |
| | Catterick | 1014.8 | -6 | NW | 3 | bc | 47 | 55 | 9 | 2 | - | 4-6 | 4-6 | 4000 | 1015.5 | +8 | NW | 1 | b | 40 | 75 | 7 | 5 | - | - | 1 | 1 | 4000 | 0 | 4 | bczow | bczow | bczow | bczow | |
| | Tynemouth | 1014.1 | -8 | NNW | 4 | bc | 45 | 65 | 7 | 2 | 3 | - | 2-3 | 4-6 | 2500 | 1014.5 | +8 | NW | 3 | bc | 42 | 75 | 6 | 2 | - | - | 2-3 | 2-3 | 2500 | 0 | 2 | bczow | bczow | bczow | bczow |
| 11 | St. Abbs Head | 1013.5 | -10 | NW | 4 | C | 44 | 75 | 9 | 8 | 6 | - | 4-6 | 7-8 | 2500 | 1013.9 | +4 | NW | 5 | C | 45 | 65 | 8 | 8 | 6 | - | 4-6 | 9 | 2500 | 0 | 3 | bczow | bczow | bczow | bczow |
| | Leuchars | 1014.7 | -4 | NNW | 3 | C | 47 | 55 | 9 | 8 | - | - | 7-8 | 7-8 | 4000 | 1015.5 | +8 | N | 1 | C | 39 | 85 | 8 | 8 | 3 | - | 4-6 | 9 | 2500 | 1 | * | bczow | bczow | bczow | bczow |
| 12 | Renfrew (Abbots L.) | 1016.4 | -6 | NW | 3 | C | 49 | 55 | 9 | 8 | - | - | 4-6 | 4-6 | 4000 | 1016.4 | +2 | WN | 2 | bc | 39 | 75 | 7 | 4 | - | 5 | 1 | 2-3 | 4000 | 0 | * | bczow | bczow | bczow | bczow |
| | Eskdalemuir | 1015.3 | -6 | NNW | 3 | bc | 43 | 55 | 7 | 7 | - | - | 4-6 | 4-6 | 2500 | 1016.0 | +2 | N/E | 2 | b | 38 | 75 | 8 | 5 | - | 1 | Tr | 1 | 2500 | 1 | * | bczow | bczow | bczow | bczow |
| | Point of Ayre | 1016.9 | +4 | N/E | 4 | C | 49 | 55 | 8 | 4 | 4 | - | 7-8 | 7-8 | 2500 | 1016.9 | -2 | N/E | 4 | e | 50 | 65 | 8 | 8 | 6 | - | 4-6 | 9 | 2500 | 0 | 3 | bczow | bczow | bczow | bczow |
| 13A | Tiree | 1017.4 | -2 | NNW | 3 | C | 50 | 65 | 8 | 5 | - | - | 9 | 9 | 2500 | 1017.0 | 0 | N | 3 | C | 48 | 75 | 8 | 8 | 3 | - | 4-6 | 7-8 | 2500 | 0 | 3 | bczow | bczow | bczow | bczow |
| 13B | Stornoway | 1017.2 | 0 | NNW | 3 | C | 48 | 65 | 9 | 5 | 7 | - | 7-8 | 9 | 2500 | 1017.3 | 0 | NNW | 3 | C | 37 | 85 | 8 | 5 | - | 4 | 4-6 | 9 | 2500 | 1 | 1 | bczow | bczow | bczow | bczow |
| 15 | Dalwhinnie | * | -2 | NNW | 3 | ir | 39 | 75 | 7 | 8 | 6 | - | 7-8 | 9 | 1500 | * | 0 | N | 3 | bc | 34 | 85 | 8 | 8 | 6 | 1 | 4-6 | 4-6 | 4000 | 1 | * | bczow | bczow | bczow | bczow |
| | Aberdeen | 1013.9 | +4 | NNW | 4 | C | 38 | 85 | 8 | 8 | - | - | 4-6 | 4-6 | 2500 | 1014.4 | +6 | NNW | 3 | bc | 39 | 85 | 8 | 8 | - | - | 4-6 | 4-6 | 2500 | 1 | 2 | bczow | bczow | bczow | bczow |
| | Wick | 1014.1 | +4 | NW | 6 | phr | 38 | 85 | 8 | 5 | 7 | - | 7-8 | 9 | 1500 | 1014.2 | +2 | NW | 4 | C | 41 | 85 | 8 | 5 | 7 | - | 4-6 | 7-8 | 1500 | 1 | 2 | bczow | bczow | bczow | bczow |
| 16 | Lerwick | 1011.1 | +2 | NNW | 5 | phr | 38 | 85 | 7 | 8 | 7 | - | 4-6 | 7-8 | 800 | 1011.4 | +4 | NNW | 4 | bc | 39 | 75 | 8 | 8 | 7 | - | 4-6 | 4-6 | 1500 | 1 | * | bczow | bczow | bczow | bczow |
| 17 | Blacksod Point | 1022.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 26th October 1939.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th October, 1939. |
|--|---|
| 1 S.E. England | Freshening squally northwest wind, veering northeast, strong on coasts; some rain; local thunder; wintry showers and bright intervals later; cold. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | Fresh squally northwest wind, strong on coasts, veering north to northeast; local showers of rain or hail; bright intervals; cold. |
| 5 S.W. England | |
| 6 South Wales ... | |
| 7 North Wales ... | Fresh squally north to northeast wind, strong on coasts; bright intervals, showers of rain or hail, snow on high ground; cold. |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | Fresh squally north to northeast wind, strong on coasts; wintry showers; local thunder; bright intervals; cold. |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A.W. Scotld. B.N.W. Scot- land. | Fresh squally north to northeast wind, strong to gale on coasts; wintry showers, local thunder; bright intervals; considerable snow on high ground; cold. |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | As 10 - 11. |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. - For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A trough of low pressure extending from the Southern North Sea to South Ireland and a developing depression over the Midlands is moving northeast. There will be wintry showers, particularly in eastern districts with local thunder.

FURTHER OUTLOOK.

Bright intervals; wintry showers; cold.

Forecasts issued at 0930 G.M.T.

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House & E.L.

471/3765 No. 5109 3.48.26. 1p. 445 20000, 10, 19

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Thursday 26th October, 1939.

No. 28,462.

| OBSERVATIONS at 1 hr. G.M.T. 26th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 26th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|---|----------------------|------------------------------|----------------------|------------------------|------------|------------|--------------|---------------|--------------|-----------------|-----------|--------------|-----------------------------|---|-----------------------|-------------------------|-------------|------------|---------------|----------------|---------------|------------------|--------------|--------------------------|----------------------------|------------------------|----------------------------|-----------------------|-----------|---------------------|-----------------------|-----------|-----------|---------------|-----------|----------|-----------|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. (5) | Temp. °F. (6) | Humid. % (7) | Visibility. (8) | Cloud. | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. (19) | Temp. °F. (20) | Humid. % (21) | Visibility. (22) | Cloud. | | | | Height of Base (feet) (28) | State of Ground. (29) | Sea. (30) | TEMPERATURE. | | RAINFALL. | | SUNSHINE (36) | | | |
| | | | | | Direc. (3) | Force. (4) | | | | | Form. (9) | Amount. (10) | Height of Base. (feet) (14) | Direc. (17) | | | Force. (18) | Form. (23) | | | | | Amount. (24) | Min. Day 7h-18h °F. (31) | Max. Night 18h-7h °F. (32) | Min. or Grass °F. (33) | | | | Day 7h-18h mm. (34) | Night 18h-7h mm. (35) | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. (11) | Med. (12) | | High (13) | Low (25) | Med. (26) |
| 1 | London (Kew) | 18 | * | * | * | * | * | * | * | * | * | * | * | 1008.4 | -32 | SW | 1 | Zo | 36 | 92 | 5 | 5 | - | - | 8+ 9+ 2500 | 1 | * | 48 | 34 | 24 | - | Tr | 8.3 | | | | |
| | Croydon | 217 | 1015.1 | -6 | W/S | 2 | Zo | 32 | 92 | 6 | - | - | 0 | 0 | 1009.6 | -34 | WSW | 2 | Zo | 36 | 97 | 6 | 5 | 4 | - | 7+ 7+ 4000 | 1 | * | 46 | 30 | 21 | - | Tr | 7.1 | | | |
| | S. Farnborough | 226 | 1015.1 | -12 | W | 2 | Zo | 28 | 97 | 5 | - | - | 0 | 0 | 1008.9 | -38 | WSW | 1 | Zo | 36 | 75 | 7 | 5 | 3 | - | 4+ 9+ 1000 | 1 | * | 48 | 27 | 20 | - | Tr | 5.8 | | | |
| | Boscombe Down | 417 | 1015.7 | -6 | WNW | 2 | Zo | 37 | 92 | 6 | - | - | 0 | 4.6 | 1009.0 | -32 | SW | 1 | Zo | 38 | 97 | 6 | 5 | - | - | 9+ 9+ 1000 | 1 | * | 49 | 35 | 30 | - | 2 | 4.3 | | | |
| | Calshot (St. Mary's) | 8 | 1014.0 | -10 | WNW | 3 | Zo | 34 | 85 | 6 | - | - | 0 | 0 | 1009.3 | -40 | - | 0 | Zo | 39 | 97 | 7 | 5 | - | - | 9+ 9+ 1500 | 1 | 1 | 49 | 35 | 33 | - | 2 | 4.2 | | | |
| | Lymington | 346 | 1014.0 | -10 | WNW | 3 | Zo | 34 | 85 | 6 | - | - | 0 | 0 | 1009.3 | -40 | - | 0 | Zo | 39 | 97 | 7 | 5 | - | - | 9+ 9+ 1500 | 1 | 1 | 49 | 35 | 33 | - | 2 | 4.2 | | | |
| | Manston | 154 | 1012.0 | -14 | NW | 4 | Zo | 40 | 85 | 6 | - | - | 0 | 0 | 1007.9 | -24 | W | 3 | Zo | 34 | 92 | 5 | 5 | 0 | - | 4+ 9+ 1500 | 0 | * | 42 | 33 | 20 | - | - | 6.7 | | | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | * | 1008.7 | -28 | W/N | 1 | m | 33 | 92 | 4 | 5 | 7 | - | 7+ 8 7+ 4000 | 1 | * | 49 | 32 | 26 | - | Tr | 8.0 | | | | |
| | Felixstowe | 15 | 1011.7 | -12 | NW | 4 | Zo | 38 | 85 | 6 | - | - | 0 | 0 | 1007.9 | -22 | WNW | 1 | Zo | 35 | 88 | 5 | 4 | 3 | - | 4+ 9+ 1000 | 1 | 2 | 48 | 35 | 32 | - | Tr | 6.4 | | | |
| | Gorleston | 5 | 1010.2 | -12 | W/S | 3 | c/pr | 38 | 92 | 6 | - | - | 7.6 | 7.6 2500 | 1006.2 | -24 | W/N | 3 | c | 36 | 92 | 5 | 6 | - | - | 10 10 2500 | 1 | 2 | 47 | 35 | 34 | 3 | Tr | 5.8 | | | |
| | Mildenhall | 19 | 1012.5 | -14 | W/N | 3 | p | 32 | 92 | 6 | - | - | 0 | 0 | 1008.2 | -22 | WSW | 3 | m | 30 | 97 | 4 | 5 | 3 | - | 4+ 9+ 5700 | 1 | * | 46 | 28 | 24 | - | - | 7.0 | | | |
| | Cranwell | 240 | 1013.0 | -14 | WNW | 3 | m | 35 | 85 | 4 | - | - | 0 | 1 | 1007.6 | -30 | WNW | 2 | m | 36 | 75 | 4 | 5 | 3 | - | 9 9+ 5700 | 0 | * | 47 | 32 | 29 | - | - | 7.6 | | | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | * | 1008.2 | -28 | NW | 2 | 1r | 40 | 92 | 4 | 6 | - | - | 10 10 800 | 1 | * | 44 | 36 | 28 | - | Tr | 4.6 | | | | |
| | Upper Heyford | 408 | 1018.2 | -12 | WNW | 2 | b | 33 | 92 | 7 | - | - | 5 | 0 | 1008.5 | -12 | WN | 2 | c | 37 | 97 | 7 | 5 | 7 | - | 7+ 8 10 2500 | 1 | * | 46 | 33 | 22 | - | - | 4.4 | | | |
| 4 | Ross-on-Wye | 223 | 1018.2 | -12 | WNW | 2 | b | 33 | 92 | 7 | - | - | 5 | 0 | 1008.5 | -12 | WN | 2 | c | 37 | 97 | 7 | 5 | 7 | - | 7+ 8 10 2500 | 1 | * | 46 | 33 | 22 | - | - | 4.4 | | | |
| 5 | Hartland Point | 299 | 1016.6 | -16 | NW | 3 | c | 59 | 85 | 8 | - | - | 7.8 | 9 2500 | 1011.0 | -26 | NW | 4 | c | 51 | 85 | 8 | 0 | 2 | - | 7+ 8 10 1500 | 1 | 3 | 52 | 48 | 45 | 0.3 | 0.2 | 4.4 | | | |
| | Bristol | 209 | 1016.1 | -14 | WNW | 2 | c | 40 | 92 | 6 | - | - | 0 | 0 | 1009.8 | -24 | W/S | 2 | 1r | 42 | 97 | 6 | 5 | 2 | - | 4+ 9+ 1500 | 1 | * | 51 | 37 | 27 | - | 4 | 4.8 | | | |
| | Portland Bill | 32 | 1016.0 | -6 | NNW | 3 | b | 46 | 85 | 8 | - | - | 0 | 0 | 1008.8 | -14 | NW | 4 | c | 49 | 92 | 8 | 5 | 2 | - | 7+ 8 10 2500 | 1 | 4 | 54 | 46 | * | - | 2 | 4.0 | | | |
| | Plymouth | 82 | 1017.6 | -10 | N | 1 | b | 46 | 97 | 7 | - | - | 10 | 10 2500 | 1011.7 | -30 | NW | 3 | 1r | 51 | 85 | 7 | 9 | 2 | - | 9 10 1500 | 1 | 2 | 55 | 48 | 37 | 0.2 | 0.4 | 4.0 | | | |
| | The Lizard | 240 | 1018.9 | -6 | WNW | 3 | c/pr | 49 | 85 | 8 | - | - | 7.8 | 7.8 2500 | 1013.5 | -30 | WNW | 6 | c | 51 | 85 | 8 | 8 | 2 | - | 9 10 1500 | 0 | 3 | 55 | 48 | * | Tr | Tr | 3.3 | | | |
| | Scilly (St. Mary's) | 163 | 1020.0 | -8 | NNW | 5 | c | 52 | 85 | 8 | - | - | 4.6 | 9+ 1500 | 1015.4 | -22 | NNW | 6 | c | 52 | 85 | 8 | 8 | 6 | - | 4+ 9+ 1500 | 1 | 3 | 56 | 51 | * | - | 0.1 | 3.8 | | | |
| | Guernsey | 175 | 1016.9 | -12 | NNW | 2 | c | 48 | 75 | 8 | - | - | 2.3 | 4.6 2500 | 1010.2 | -22 | NNW | 5 | c | 52 | 85 | 8 | 8 | 2 | - | 7+ 8 10 2500 | 1 | 3 | 53 | 46 | 36 | 0.3 | 0.1 | 1.3 | | | |
| 6 | Pembroke | 142 | 1016.8 | -12 | NW | 5 | cq | 52 | 85 | 8 | - | - | 9+ 9+ 1500 | 1011.0 | -20 | NNW | 6 | c/pr | 50 | 85 | 8 | 8 | 2 | - | 7+ 8 10 1500 | 1 | 3 | 53 | 45 | * | 2 | 2 | 3.9 | | | | |
| 7 | Holyhead | 26 | 1015.0 | -16 | NE | 1 | c | 46 | 92 | 8 | - | - | 2.3 | 9+ 4000 | 1009.7 | -10 | NW | 6 | 1r | 49 | 85 | 6 | 6 | 2 | - | 9 10 800 | 1 | 3 | 52 | 45 | 42 | 0.6 | 1.7 | 2.3 | | | |
| | Chester (Sealand) | 16 | 1014.2 | -22 | - | 0 | Zo | 30 | 92 | 5 | - | - | 9+ 9+ 4000 | 1009.0 | -20 | NNW | 2 | 1r | 42 | 85 | 5 | 6 | 2 | - | 9 10 1500 | 1 | * | 50 | 37 | 31 | - | - | 6.0 | | | | |
| 8 | Manchester | 70 | 1014.0 | -22 | SSE | 1 | b/f | 30 | 92 | 2 | - | - | 0 | 0 | 1009.1 | -18 | NE | 1 | f | 32 | 92 | 2 | - | - | - | 10 10 450 | 1 | * | 49 | 26 | 20 | - | 0.1 | 5.7 | | | |
| 10 | Spurn Head | 29 | 1011.4 | -12 | WNW | 5 | q | 41 | 85 | 7 | 9 | 8 | - | 7.8 | 9+ 1500 | 1005.4 | -28 | NW | 5 | cq | 40 | 85 | 6 | 5 | 7 | - | 4+ 7+ 2500 | 1 | 6 | 47 | 38 | * | 1 | 1 | 4.6 | | |
| | Catterick | 175 | 1012.8 | -22 | WNW | 3 | b | 35 | 85 | 8 | - | - | 0 | 1 | 1008.1 | -18 | NW | 2 | b | 37 | 85 | 8 | 5 | 4 | - | 4+ 4+ 2500 | 1 | * | 47 | 33 | 24 | - | - | 6.7 | | | |
| | Tynemouth | 108 | 1012.4 | -16 | W | 3 | b | 37 | 85 | 7 | 8 | - | - | 2.3 | 2.3 2500 | 1008.4 | -8 | NNW | 4 | phr | 36 | 92 | 6 | 8 | - | - | 9+ 9+ 1500 | 1 | 3 | 46 | 35 | 31 | - | 1 | * | | |
| 11 | St. Abbs Head | 280 | 1011.5 | -24 | WNW | 5 | b | 43 | 75 | 8 | 1 | 4 | - | 1 | 2.3 2500 | 1007.5 | -12 | NNW | 7 | cq | 42 | 76 | 8 | 8 | 6 | 9 | 4+ 7+ 2500 | 0 | 4 | 45 | 36 | * | Tr | 2 | * | | |
| | Leuchars | 36 | 1012.2 | -26 | W | 1 | b | 36 | 85 | 9 | - | - | 0 | 1 | 1010.7 | +2 | NNW | 2 | b | 37 | 85 | 9 | 8 | - | - | 4+ 4+ 2500 | 1 | * | 47 | 33 | 24 | Tr | 0.2 | 7.0 | | | |
| 12 | Renfrew (Abbots L.) | 19 | 1014.4 | -18 | - | 0 | f | 29 | 97 | 7 | - | - | 0 | 16 | 1012.6 | +2 | SW/S | 2 | b | 33 | 92 | 8 | 5 | - | - | 4+ 4+ 4000 | 1 | * | 50 | 26 | 25 | - | - | 6.3 | | | |
| | Eakdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | 1010.1 | -4 | NW | 4 | b/cps | 34 | 85 | 8 | 5 | - | - | 2.3 2.3 1500 | 3 | * | 45 | 22 | 15 | - | Tr | 4.6 | | | |
| | Point of Ayre | 30 | 1014.6 | -10 | N | 4 | c | 48 | 75 | 8 | 2 | - | 9 | 2.3 9+ 4000 | 1010.2 | -8 | NE | 6 | c | 47 | 76 | 8 | 8 | 7 | - | 1 7+ 4000 | 0 | 3 | 51 | 46 | * | - | - | 4.4 | | | |
| 13A | Tiree | 22 | * | * | * | * | * | * | * | * | * | * | * | * | 1014.7 | +2 | N | 5 | c/pr | 45 | 75 | 7 | 8 | - | - | 7+ 7+ 1500 | 1 | 5 | 62 | 42 | 40 | - | 2 | 3.3 | | | |
| 13B | Stornoway | 80 | 1015.9 | -14 | NNW | 2 | b/cpr | 38 | 85 | 8 | 5 | - | - | 4.6 | 4.6 4000 | 1011.1 | +2 | N | 6 | c/pr | 38 | 75 | 8 | 2 | - | - | 7+ 7+ 4000 | 1 | 2 | 48 | 36 | * | - | 2 | 6.8 | | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | +8 | NW | 2 | c | 32 | 97 | 6 | 8 | 7 | - | 7+ 8 10 2500 | 4 | * | 41 | 31 | 26 | 1 | 1 | 2.1 | | | |
| | Aberdeen | 79 | 1011.0 | -20 | NW | 5 | cq | 42 | 75 | 7 | 9 | 7 | - | 4.6 | 7.8 1500 | 1009.9 | | | | | | | | | | | | | | | | | | | | | |

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

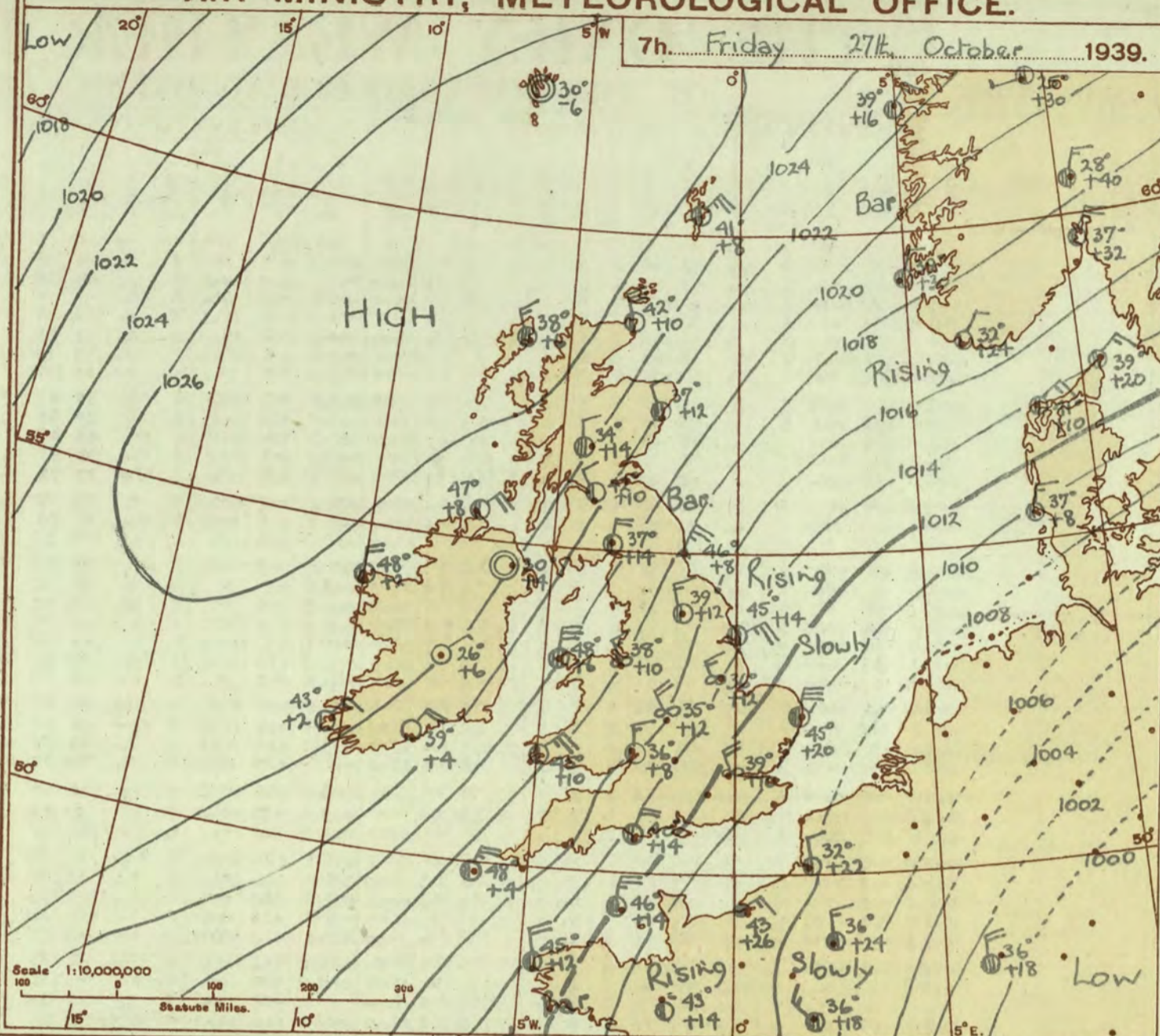
Friday 27th October 1939

No 28,463.

| OBSERVATIONS at 13h. G.M.T. 26th October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 26th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | |
|--|--------------------------------------|--------------------------------------|------------------------------|-------|-----------------------|-----------------|---------------------|--------------------|---------------------------|--------|--|--------------------------------------|------|--|-------------------------------|------------------------|--------|------------------|----------------------|---------------------|----------------------------|--|-------------------------------------|--------------------------|---------------------------|---------------------------------------|------------------------------------|---------------------|---------------------------|----------------------|--------|---------|---------|-------|-------|
| DISTRICT. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 8 hours. (2) | Wind. | | Weather. (5) | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | Barom. at M.S.L. mb. (15) | Change in 8 hours. (16) | Wind. | | Weather. (19) | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | Barom. at M.S.L. mb. (29) | State of Ground. 0-9 (30) | Sea. 0-9 (31) | WEATHER. | | | | | | |
| | | | | Dir. | Force. 0-12 (4) | | | | | Form. | Amount. Low 0-10 Total 0-10 (11) (12) | Height of Base. (feet) (13) | Dir. | | | Force. 0-12 (18) | Form. | | | | | Amount. Low 0-10 Total 0-10 (25) (26) | Height of Base (feet) (27) | 7h.—13h. 26th (37) | 13h.—18h. 26th (38) | | | | 18h.—27th 27th (39) | 27th 27th (40) | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1004.0 | -22 | NW | 5 | 20 | 43 | 65 | 6 | 8 | 1 | 6 | 7-8 | 9 | 1500 | 1005.5 | +14 | N | 4 | Z | 41 | 75 | 6 | 5 | - | 9 | 9 | 1500 | 1 | * | brmcm. | cir.cno | cprcr. | c-cbc | |
| | Croydon ... | 1004.0 | -24 | NW | 3 | u | 43 | 65 | 6 | 9 | - | 9 | 9 | 2500 | 1005.1 | +10 | NNW | 4 | Z | 40 | 75 | 6 | 9 | - | 10 | 10 | 2500 | 1 | * | cmr.crf | uczo | cmr.crf | cmr.crf | | |
| | S. Farnborough | 1003.8 | -26 | NW | 3 | c | 43 | 65 | 7 | 8 | 3 | - | - | - | - | - | c/r | 41 | 75 | 6 | 6 | - | - | 9 | 9 | 2500 | 1 | * | crr.c | bcycr. | tr.bc | crr.c | | | |
| | Boscombe Down | 1005.4 | -12 | N | 4 | c | 42 | 75 | 7 | 8 | - | - | - | - | - | - | c | 40 | 65 | 7 | 5 | - | - | 9 | 9 | 2500 | 1 | * | crr.c | bcycr. | bcycr. | bcycr. | | | |
| | Calshot (Soton.) | 1004.5 | -18 | N | 5 | c | 46 | 75 | 7 | 8 | 6 | 8 | 4 | 4 | 2500 | 1005.3 | +12 | N | 6 | 4 | 65 | 6 | 8 | - | 9 | 9 | 2500 | 1 | 3 | cmr.c | cmr.c | cmr.c | cmr.c | | |
| | Lymington | 1003.5 | -28 | NW | 2 | c/r | 38 | 92 | 6 | 5 | - | - | - | - | - | - | c/r | 39 | 85 | 6 | 6 | - | - | 10 | 10 | 1500 | 1 | 3 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Manston | 1002.2 | -24 | NW | 3 | 20 | 42 | 75 | 6 | 8 | 7 | 6 | 4 | 6 | 7-8 | 1500 | 1002.0 | +10 | N | 6 | c/pr | 39 | 92 | 7 | 6 | - | 9 | 9 | 1500 | 1 | * | prcmo | cmr.c | cmr.c | cmr.c |
| 2 | Shoeburyness ... | 1003.0 | -20 | NNW | 3 | c | 44 | 75 | 7 | 8 | - | - | - | - | - | - | c/pr | 39 | 92 | 7 | 8 | - | - | 10 | 10 | 2500 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Felixstowe | 1002.2 | -22 | NW | 3 | ir | 44 | 75 | 7 | 5 | 2 | - | - | - | - | - | ir | 39 | 85 | 6 | 9 | - | - | 9 | 9 | 1500 | 1 | 1 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Gorleston | 1002.4 | -24 | NNW | 2 | ir | 38 | 92 | 6 | 6 | 2 | - | - | - | - | - | pr | 43 | 85 | 7 | 6 | - | - | 10 | 10 | 1500 | 1 | 4 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Mildenhall | 1003.3 | -16 | NNW | 5 | ir | 42 | 75 | 8 | 8 | 2 | - | - | - | - | - | c/r | 38 | 97 | 6 | 5 | - | - | 9 | 9 | 1500 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Cranwell | 1005.3 | -10 | NNW | 6 | pr | 40 | 85 | 7 | 8 | 4 | 3 | 7 | 8 | 1500 | 1007.3 | +18 | NW | 3 | c/pr | 39 | 92 | 6 | 9 | - | 3 | 7-8 | 800 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | |
| 3 | Birmingham | 1008.3 | -2 | N | 4 | bc | 42 | 55 | 6 | 8 | 4 | - | - | - | - | - | c | 40 | 75 | 6 | 5 | - | - | 9 | 9 | 1500 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Upper Heyford | 1006.7 | -4 | NNW | 5 | bc | 42 | 65 | 7 | 2 | 4 | 1 | 4 | 4 | 2500 | 1007.9 | +14 | NNW | 4 | c/pr | 38 | 92 | 7 | 4 | - | - | 7-8 | 800 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | |
| 4 | Ross-on-Wye ... | 1007.5 | -4 | N | 4 | 20 | 45 | 55 | 6 | 1 | - | - | - | - | - | - | N | 5 | cq | 42 | 65 | 7 | 5 | - | - | 9 | 9 | 2500 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | |
| 5 | Hartland Point | 1008.8 | +4 | NE | 7 | c | 47 | 75 | 9 | 8 | 6 | - | - | - | - | - | c | 46 | 65 | 8 | 8 | - | - | 7-8 | 7-8 | 2500 | 1 | 4 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Bristol ... | 1007.3 | 0 | NW | 5 | bc | 44 | 75 | 7 | 8 | - | - | - | - | - | - | c | 42 | 65 | 7 | 5 | - | - | 9 | 9 | 4000 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Portland Bill | 1004.3 | +4 | N | 4 | c | 44 | 92 | 8 | 2 | 4 | - | - | - | - | - | bc | 43 | 92 | 8 | 1 | - | - | 1 | 1 | 2500 | 1 | 4 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Plymouth | 1007.6 | -26 | N | 5 | bc/pr | 46 | 75 | 8 | 8 | 4 | 8 | 4 | 8 | 2500 | 1009.5 | +14 | N | 5 | b | 45 | 75 | 8 | 3 | - | - | 1 | 1 | 2500 | 1 | 3 | cmr.c | cmr.c | cmr.c | cmr.c |
| | The Lizard | 1009.9 | -20 | NNW | 6 | c/pr | 48 | 92 | 8 | 8 | 6 | - | - | - | - | - | c | 46 | 75 | 8 | 8 | 6 | - | 7-8 | 9 | 2500 | 1 | 2 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Scilly (St. Mary's) | 1011.4 | -22 | NNW | 6 | pr | 53 | 85 | 7 | 9 | 6 | 7 | 7 | 7 | 1500 | 1012.4 | +14 | N | 7 | c/pr | 48 | 85 | 8 | 6 | - | 4 | 4 | 1500 | 1 | 4 | cmr.c | cmr.c | cmr.c | cmr.c | |
| | Guernsey | 1003.4 | ? | NNW | 4 | RR | 48 | 85 | 6 | 8 | 2 | 1 | 4 | 4 | 1500 | 1006.2 | +12 | N | 5 | bc | 46 | 55 | 6 | 2 | 7 | - | 4 | 4 | 1500 | 1 | 4 | cmr.c | cmr.c | cmr.c | cmr.c |
| 6 | Pembroke | 1010.6 | +10 | NE | 5 | cq | 48 | 65 | 8 | 8 | 6 | - | - | - | - | - | bcq | 46 | 65 | 8 | 8 | - | - | 4 | 4 | 1500 | 1 | 3 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| 7 | Holyhead | 1011.3 | +8 | N | 7 | c | 47 | 55 | 9 | 2 | 3 | - | - | - | - | - | c/pr | 48 | 65 | 8 | 9 | - | - | 9 | 9 | 1500 | 1 | 4 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Chester (Sealand) | 1009.9 | +2 | N | 5 | bc | 44 | 45 | 8 | 2 | 3 | - | - | - | - | - | bc | 42 | 75 | 6 | 6 | 7 | - | - | 4 | 4 | 800 | 0 | * | cmr.c | cmr.c | cmr.c | cmr.c | | |
| 8 | Manchester | 1008.7 | -4 | NW | 6 | c | 45 | 55 | 7 | 8 | 3 | - | - | - | - | - | bc | 39 | 85 | 5 | 4 | - | - | 2-3 | 2-3 | 4000 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| 10 | Spurn Head | 1009.1 | -10 | NNW | 6 | PR | 39 | 92 | 6 | 9 | - | - | - | - | - | - | cq | 46 | 65 | 7 | 9 | - | - | 7-8 | 7-8 | 1500 | 1 | 1 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Catterick | 1008.3 | +2 | NNW | 4 | pr | 38 | 92 | 6 | 9 | 9 | - | - | - | - | - | c | 40 | 85 | 7 | 9 | - | - | 7-8 | 7-8 | 1500 | 1 | 1 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Tynemouth | 1007.5 | +4 | SW | 5 | c/pr | 45 | 75 | 7 | 8 | - | - | - | - | - | - | pr | 46 | 75 | 7 | 9 | - | - | 9 | 9 | 1500 | 1 | 4 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| 11 | St. Abbs Head | 1010.0 | +14 | NNW | 8 | pr | 43 | 85 | 9 | 9 | 2 | - | - | - | - | - | cq | 45 | 75 | 8 | 8 | 2 | - | 7-8 | 10 | 1500 | 0 | 5 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Leuchars | 1013.3 | +12 | NW | 3 | bc | 44 | 75 | 9 | 8 | - | - | - | - | - | - | bc | 41 | 75 | 8 | 5 | 6 | - | 2-3 | 2-3 | 4000 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| 12 | Renfrow (Abbots L.) | 1016.2 | +18 | N/E | 4 | bc | 46 | 55 | 9 | 5 | - | - | - | - | - | - | bc | 38 | 75 | 9 | 4 | - | - | 2-3 | 2-3 | 2500 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Eskdalemuir | 1012.0 | +10 | N/E | 5 | pr | 41 | 55 | 7 | 5 | - | - | - | - | - | - | bc | 38 | 75 | 8 | 5 | - | - | 2-3 | 2-3 | 2500 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Point of Ayre | 1013.7 | +12 | NE/N | 6 | bc | 47 | 55 | 8 | 2 | - | - | - | - | - | - | bc | 46 | 65 | 8 | 4 | - | - | 2-3 | 2-3 | 2500 | 0 | 4 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| 13A | Tiree ... | 1020.1 | +14 | N/E | 5 | bc/pr | 44 | 75 | 8 | 8 | - | - | - | - | - | - | bc/pr | 45 | 75 | 8 | 8 | - | - | 4 | 4 | 1500 | 0 | 5 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| 13B | Stornoway | 1022.9 | +22 | N | 4 | c/pr | 40 | 85 | 7 | 8 | - | - | - | - | - | - | c | 41 | 75 | 7 | 8 | - | - | 7-8 | 7-8 | 2500 | 1 | 2 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| 15 | Dalwhinnie | * | +16 | N | 4 | bc | 38 | 75 | 8 | 8 | 6 | - | - | - | - | - | bc | 35 | 85 | 7 | 8 | 6 | - | 4 | 4 | 2500 | 4 | * | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Aberdeen | 1014.0 | +22 | N | 4 | c/pr | 43 | 75 | 8 | 9 | - | - | - | - | - | - | c/pr | 40 | 85 | 7 | 9 | - | - | 9 | 9 | 1500 | 1 | 3 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Wick ... | 1016.8 | +28 | NNW | 7 | bcq | 45 | 75 | 8 | 7 | - | - | - | - | - | - | PR | 45 | 75 | 8 | 7 | - | - | 4 | 4 | 1500 | 1 | 3 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| 16 | Lerwick... | 1016.5 | +28 | N/E | 7 | c/pr | 43 | 85 | 8 | 7 | - | - | - | - | - | - | c/pr | 40 | 97 | 8 | 8 | 7 | - | 4 | 4 | 800 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| 17 | Blacksod Point... | 1021.2 | +14 | N | 7 | bcq | 50 | 65 | 8 | 9 | - | - | - | - | - | - | cq | 49 | 75 | 8 | 9 | - | - | 7-8 | 7-8 | 2500 | 1 | 5 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| 18 | Malin Head | 1019.8 | +18 | N | 5 | bc | 47 | 55 | 8 | 2 | - | - | - | - | - | - | pr | 47 | 55 | 8 | 2 | 4 | - | 4 | 4 | 4000 | 0 | 5 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Aldergrove | 1016.8 | +22 | NNE | 5 | bc | 46 | 45 | 9 | 1 | - | - | - | - | - | - | b | 41 | 65 | 8 | 2 | - | - | Tr | Tr | 2500 | 1 | * | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| 19 | Birr Castle | 1017.0 | +6 | N/E | 4 | bc/pr | 48 | 65 | 8 | 9 | 7 | - | - | - | - | - | b | 42 | 65 | 8 | 4 | - | - | 0 | 1 | - | 1 | 1 | 4 | cmr.c | cmr.c | cmr.c | cmr.c | | |
| 20 | Valentia Obsy.† | 1019.1 | -10 | N | 6 | c/pr | 53 | 65 | 8 | 8 | - | - | - | - | - | - | bc | 48 | 55 | 8 | 3 | - | - | 2-3 | 2-3 | 2500 | 1 | 4 | cmr.c | cmr.c | cmr.c | cmr.c | | | |
| | Roches Point | 1015.0 | -10 | N | 6 | bc/pr | 54 | 75 | 8 | 3 | - | - | - | - | - | - | bc | 45 | 65 | 9 | 3 | - | - | 2-3 | 2-3 | 2500 | 1 | 3 | cmr.c | cmr.c | cmr.c | cmr.c | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th Friday 27th October 1939.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th October, 1939.

| | |
|--|--|
| 1 S.E. England | Moderate northeast wind, fresh to strong on coasts; bright intervals, wintry showers, local thunder, cold, frost locally at night. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Moderate northeast wind, fresh on coasts; bright periods, local showers of rain or hail; cold, frost at night. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | Moderate to fresh northeast wind decreasing; bright intervals, wintry showers, cold, frost locally at night. |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A.W. Scotld. B.N.W. Scot- land. | Moderate northeast wind, fresh locally on coasts, decreasing; considerable bright periods, local showers rain or hail, cold, sharp frost at night. |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone centred off Northwest Scotland is spreading slowly southeast while pressure is low over North Italy and Southeast Europe. There will be considerable bright periods in the West and North, but in the East and Southeast there will be wintry showers with local thunder.

FURTHER OUTLOOK.

Fair in the North and West; showers of rain or hail in the East and Southeast.

Forecasts issued at 1100 G.M.T.

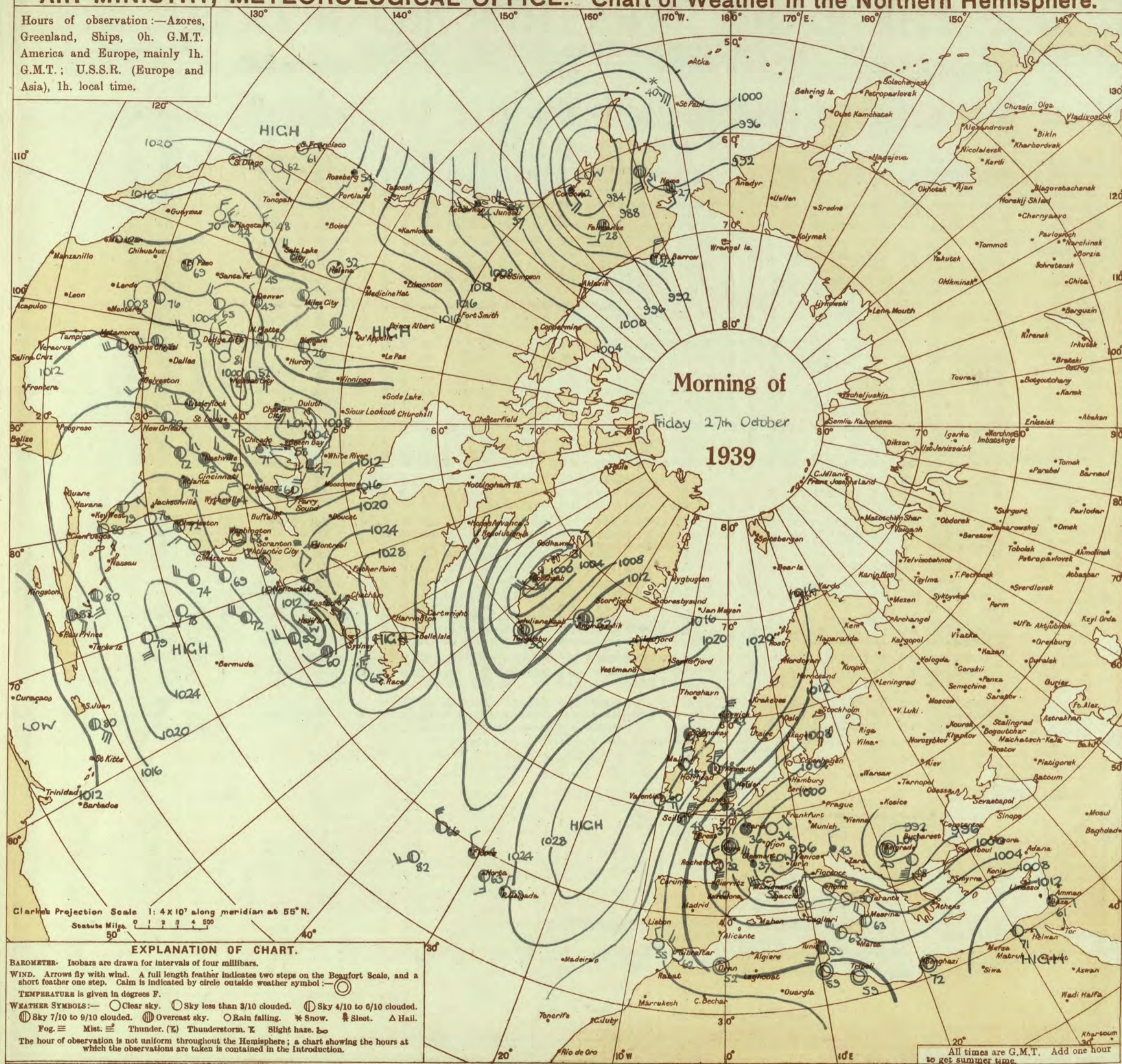
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

471/3768 37. 3103 3.4625 up 366 20000.10.39

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday, 27th October, 1939.
No. 28,463.

| OBSERVATIONS at 1 hr. G.M.T. 27th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 27th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|---|--------------------------|------------------------------|----------------------|------------------------|------------|------------|----------|---------------|--------------|---------------------|-----------|--------------|-----------------------------|---|-----------------------|-------------------------|-------------|------------|----------|----------------|---------------|----------------------|--------------|-----------------------------|--------------------------|----------------------------|-----------------------|----------------|------------------------|---------------------|-----------------------|-----------|-----------|-----------|------------------------|----------|-----------|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | State of Ground. (29) | Sea. (30) | TEMPERATURE. | | | RAINFALL. | | | Sun-shine 24 Hrs. (36) | | |
| | | | | | Direc. (3) | Force. (4) | | | | | Form. (9) | Amount. (10) | Height of Base. (feet) (12) | Direc. (17) | | | Force. (18) | Form. (23) | | | | | Amount. (24) | Height of Base. (feet) (27) | Max. Day 7h-18h °F. (31) | Min. Night 18h-7h °F. (32) | | | Min. or Grass °F. (33) | Day 7h-18h mm. (34) | Night 18h-7h mm. (35) | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. (11) | Med. (13) | High (14) | | Low (25) | Med. (26) |
| 1 | London (Kew) ... | 18 | 1009.2 | +2.2 | N | 4 | 1/2 | 33 | 85 | 6 | 1 | 1 | 46 | 10 | 1800 | 1012.7 | +1.8 | N | 4 | 20 | 30 | 85 | 6 | 5 | 1 | 23 | 23 | 2500 | 1 | 44 | 37 | 32 | 1 | 5 | 1.5 | | |
| | Croydon ... | 217 | 1009.2 | +1.8 | NW | 3 | 1/2 | 33 | 85 | 6 | 1 | 1 | 46 | 10 | 1800 | 1011.6 | +1.0 | NW | 4 | 20 | 30 | 85 | 7 | 5 | 1 | 46 | 46 | 2500 | 1 | 44 | 37 | 34 | 2 | 1 | 0.8 | | |
| | S. Farnborough ... | 226 | 1009.3 | +1.8 | NW | 5 | 3 | 37 | 85 | 6 | 1 | 1 | 0 | 0 | 0 | 1012.8 | +1.4 | NW | 4 | 30 | 38 | 85 | 6 | 5 | 1 | 46 | 46 | 2500 | 1 | 45 | 36 | 33 | 1 | 2 | 1.7 | | |
| | Boscombe Down ... | 417 | 1009.3 | +1.8 | NW | 5 | 3 | 37 | 85 | 6 | 1 | 1 | 0 | 0 | 0 | 1014.2 | +1.4 | N | 3 | 30 | 35 | 92 | 6 | 5 | 1 | 46 | 46 | 2500 | 1 | 44 | 35 | 32 | 1 | 0.1 | 2.8 | | |
| | Calshot (St. Mary's) ... | 8 | 1009.3 | +1.6 | NW | 5 | 3 | 41 | 85 | 6 | 1 | 1 | 23 | 23 | 1800 | 1012.4 | +1.4 | N | 5 | 40 | 88 | 6 | 5 | 3 | 3 | 23 | 23 | 4000 | 1 | 46 | 39 | 38 | 1 | 1 | 2.5 | | |
| | Lymington ... | 346 | 1006.2 | +1.8 | NE | 5 | 3 | 39 | 85 | 6 | 1 | 1 | 10 | 10 | 1500 | 1010.5 | +2.4 | NE | 4 | 40 | 38 | 92 | 6 | 5 | 1 | 10 | 10 | 800 | 1 | 42 | 38 | 35 | 1 | 22 | 1.1 | | |
| | Manston ... | 154 | 1005.5 | +1.2 | NE | 6 | 4 | 42 | 92 | 6 | 1 | 1 | 10 | 10 | 1500 | 1005.6 | +2.4 | NNE | 4 | 43 | 85 | 5 | 0 | 1 | 1 | 9 | 9 | 800 | 1 | 45 | 39 | 38 | 1 | 9 | 1.2 | | |
| 2 | Shoeburyness ... | 11 | 1006.4 | +1.4 | NE | 4 | 3 | 30 | 85 | 7 | 1 | 1 | 46 | 7.8 | 2500 | 1011.4 | +2.0 | NE | 3 | 40 | 92 | 6 | 5 | 1 | 9 | 9 | 1500 | 1 | 46 | 37 | 32 | 2 | 3 | 1.3 | | | |
| | Felixstowe ... | 15 | 1006.8 | +1.0 | NE | 6 | 4 | 37 | 92 | 7 | 1 | 1 | 10 | 10 | 1500 | 1010.8 | +2.0 | NE | 6 | 45 | 92 | 6 | 9 | 1 | 10 | 10 | 1500 | 1 | 47 | 43 | 43 | 10 | 8 | 1.7 | | | |
| | Gorleston ... | 5 | 1009.8 | +2.2 | E | 1 | 1 | 37 | 97 | 8 | 1 | 1 | 9 | 9 | 2500 | 1012.4 | +1.8 | NW | 3 | 38 | 85 | 7 | 3 | 1 | 46 | 46 | 2500 | 1 | 43 | 36 | 30 | 1 | 5 | 1.3 | | | |
| | Mildenhall ... | 19 | 1012.2 | +2.0 | NNW | 4 | 3 | 32 | 92 | 9 | 1 | 1 | 4 | 23 | 2500 | 1015.0 | +1.2 | NNW | 3 | 36 | 92 | 6 | 0 | 1 | 46 | 46 | 2500 | 1 | 42 | 36 | 33 | 2 | 2 | 2.9 | | | |
| 3 | Birmingham ... | 535 | 1011.3 | +1.6 | NNW | 5 | 4 | 37 | 92 | 7 | 1 | 1 | 9 | 9 | 2500 | 1016.7 | +1.2 | NNW | 4 | 38 | 92 | 5 | 5 | 1 | 46 | 46 | 2500 | 1 | 43 | 35 | 29 | 0.2 | 1 | 3.7 | | | |
| | Upper Heyford ... | 408 | 1011.3 | +1.6 | NNW | 5 | 4 | 37 | 92 | 7 | 1 | 1 | 9 | 9 | 2500 | 1015.1 | +1.4 | NNW | 4 | 38 | 92 | 6 | 3 | 6 | 1 | 46 | 46 | 1500 | 1 | 43 | 35 | 31 | 1 | 2 | 4.0 | | |
| 4 | Ross-on-Wye ... | 223 | 1011.3 | +1.6 | NNW | 5 | 4 | 37 | 92 | 7 | 1 | 1 | 9 | 9 | 2500 | 1017.0 | +1.8 | N | 3 | 36 | 85 | 6 | 1 | 1 | 46 | 46 | 2500 | 1 | 45 | 35 | 31 | 2 | 1 | 4.0 | | | |
| 5 | Hartland Point ... | 299 | 1013.3 | +1.4 | NE | 5 | 4 | 30 | 85 | 7 | 1 | 1 | 23 | 23 | 4000 | 1017.1 | +1.4 | N | 6 | 45 | 75 | 8 | 8 | 1 | 46 | 46 | 2500 | 0 | 52 | 44 | 41 | 1 | 1 | 1.9 | | | |
| | Bristol ... | 209 | 1013.3 | +1.4 | NE | 5 | 4 | 30 | 85 | 7 | 1 | 1 | 23 | 23 | 4000 | 1016.3 | +1.0 | NE | 4 | 37 | 85 | 6 | 1 | 1 | 0 | 0 | 1 | 46 | 36 | 29 | 5 | 1 | 4.0 | 4.0 | | | |
| | Portland Bill ... | 32 | 1010.8 | +1.4 | NNE | 4 | 3 | 42 | 92 | 8 | 1 | 1 | 0 | 0 | 0 | 1013.6 | +1.4 | NNE | 4 | 40 | 92 | 8 | 5 | 1 | 23 | 23 | 2500 | 1 | 51 | 35 | 30 | 2 | 1 | 4.4 | | | |
| | Plymouth ... | 82 | 1013.6 | +1.6 | N | 5 | 4 | 42 | 92 | 8 | 1 | 1 | 0 | 0 | 0 | 1016.7 | +1.4 | NNE | 2 | 40 | 85 | 8 | 2 | 1 | 46 | 46 | 2500 | 0 | 54 | 40 | 35 | 0.1 | 1 | 4.4 | | | |
| | The Lizard ... | 240 | 1025.0 | +2.0 | N | 4 | 3 | 43 | 85 | 8 | 1 | 1 | 23 | 23 | 2500 | 1017.7 | +1.6 | N | 3 | 41 | 92 | 8 | 8 | 1 | 23 | 23 | 2500 | 0 | 53 | 39 | 30 | 1 | 1 | 2.6 | | | |
| | Scilly (St. Mary's) ... | 163 | 1015.8 | +1.4 | NNE | 7 | 6 | 48 | 85 | 8 | 1 | 1 | 46 | 7.8 | 1500 | 1017.5 | +1.4 | NNE | 5 | 48 | 85 | 8 | 8 | 1 | 23 | 23 | 1500 | 1 | 54 | 44 | 40 | 2 | 1 | 2.0 | | | |
| | Guernsey ... | 175 | 1015.8 | +1.4 | NNE | 7 | 6 | 48 | 85 | 8 | 1 | 1 | 46 | 7.8 | 1500 | 1012.6 | +1.4 | NE | 5 | 46 | 85 | 7 | 8 | 1 | 46 | 46 | 2500 | 1 | 55 | 45 | 40 | 2 | 0.1 | 2.3 | | | |
| 6 | Pembroke ... | 142 | 1016.8 | +1.0 | NE | 4 | 3 | 45 | 85 | 8 | 1 | 1 | 23 | 23 | 2500 | 1018.6 | +1.0 | NE | 5 | 45 | 75 | 8 | 2 | 1 | 23 | 23 | 2500 | 1 | 52 | 43 | 30 | 1 | 1 | 0.9 | | | |
| 7 | Holyhead ... | 26 | 1018.1 | +1.0 | NE | 6 | 4 | 47 | 75 | 8 | 1 | 1 | 7.8 | 7.8 | 2500 | 1020.0 | +1.6 | NE | 6 | 48 | 75 | 8 | 8 | 1 | 7.8 | 7.8 | 1500 | 1 | 49 | 46 | 44 | 1 | 1 | 5.6 | | | |
| | Chester (Sealand) ... | 16 | 1017.2 | +1.4 | NW | 4 | 3 | 40 | 75 | 7 | 1 | 1 | 4 | 4 | 2500 | 1018.1 | +1.0 | NW | 3 | 38 | 85 | 6 | 4 | 1 | 46 | 46 | 2500 | 1 | 45 | 36 | 31 | 1 | 1 | 5.3 | | | |
| 8 | Manchester ... | 70 | 1015.7 | +1.4 | NW | 4 | 3 | 40 | 86 | 7 | 1 | 1 | 4 | 4 | 4000 | 1018.1 | +1.0 | N | 3 | 38 | 85 | 6 | 3 | 1 | 46 | 46 | 2500 | 1 | 47 | 39 | 29 | 1 | 0.6 | 6.1 | | | |
| 10 | Spurn Head ... | 29 | 1012.2 | +2.0 | NNE | 6 | 4 | 45 | 75 | 7 | 1 | 1 | 7.8 | 7.8 | 1500 | 1014.0 | +1.4 | NE | 5 | 45 | 65 | 7 | 8 | 1 | 7.8 | 7.8 | 2500 | 1 | 46 | 42 | 30 | 5 | 2 | 1.5 | | | |
| | Catterick ... | 175 | 1015.7 | +1.8 | NNW | 3 | 2 | 40 | 85 | 8 | 1 | 1 | 23 | 23 | 1500 | 1018.2 | +1.2 | NNW | 3 | 39 | 97 | 8 | 3 | 1 | 46 | 46 | 1500 | 1 | 40 | 37 | 34 | 3 | 8 | 1.1 | | | |
| | Tynemouth ... | 108 | 1015.8 | +1.4 | NNE | 6 | 4 | 45 | 75 | 7 | 1 | 1 | 46 | 46 | 1500 | 1017.3 | +1.8 | NNE | 5 | 46 | 75 | 7 | 2 | 1 | 46 | 46 | 1500 | 1 | 47 | 42 | 34 | 5 | 7 | 1.1 | | | |
| 11 | St. Abbs Head ... | 280 | 1017.8 | +1.8 | NNW | 6 | 4 | 45 | 85 | 8 | 1 | 1 | 46 | 7.8 | 2500 | 1019.6 | +1.4 | NNW | 6 | 43 | 85 | 8 | 6 | 1 | 7.8 | 7.8 | 2500 | 1 | 46 | 39 | 30 | 6 | 7 | 5.8 | | | |
| | Leuchars ... | 36 | 1020.7 | +1.0 | NW | 2 | 1 | 36 | 85 | 9 | 1 | 1 | 23 | 23 | 4000 | 1022.2 | +1.8 | NNW | 3 | 40 | 85 | 8 | 8 | 1 | 23 | 23 | 2500 | 1 | 46 | 38 | 30 | 7 | 0.2 | 5.8 | | | |
| 12 | Reitrew (Abbots I.) ... | 19 | 1022.5 | +1.0 | NW | 1 | 1 | 36 | 85 | 8 | 1 | 1 | 4 | 4 | 4000 | 1022.9 | +1.0 | NW | 2 | 42 | 65 | 8 | 5 | 1 | 46 | 46 | 4000 | 1 | 46 | 35 | 28 | 1 | 1 | 6.0 | | | |
| | Eskdalemuir ... | 794 | 1019.9 | +1.8 | NE | 6 | 4 | 45 | 75 | 8 | 1 | 1 | 4 | 4 | 2500 | 1024.3 | +1.4 | NE | 4 | 47 | 75 | 8 | 8 | 1 | 46 | 46 | 1500 | 1 | 47 | 36 | 33 | 0.1 | 0.4 | 6.8 | | | |
| | Point of Ayre ... | 30 | 1019.9 | +1.8 | NE | 6 | 4 | 45 | 75 | 8 | 1 | 1 | 4 | 4 | 2500 | 1024.3 | +1.4 | NE | 4 | 47 | 75 | 8 | 2 | 1 | 46 | 46 | 4000 | 0 | 47 | 43 | 30 | 1 | 1 | 6.8 | | | |
| 13A | Tiree ... | 22 | 1025.0 | +1.4 | N | 3 | 2 | 38 | 85 | 8 | 1 | 1 | 7.8 | 7.8 | 2500 | 1024.9 | +1.4 | NNE | 3 | 45 | 65 | 8 | 4 | 1 | 23 | 23 | 2500 | 0 | 46 | 44 | 39 | 1 | 1 | 5.7 | | | |
| 13B | Stornoway ... | 80 | 1025.0 | +1.4 | N | 3 | 2 | 38 | 85 | 8 | 1 | 1 | 7.8 | 7.8 | 2500 | 1026.9 | +1.2 | NNW | 3 | 38 | 92 | 8 | 3 | 1 | | | | | | | | | | | | | |

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

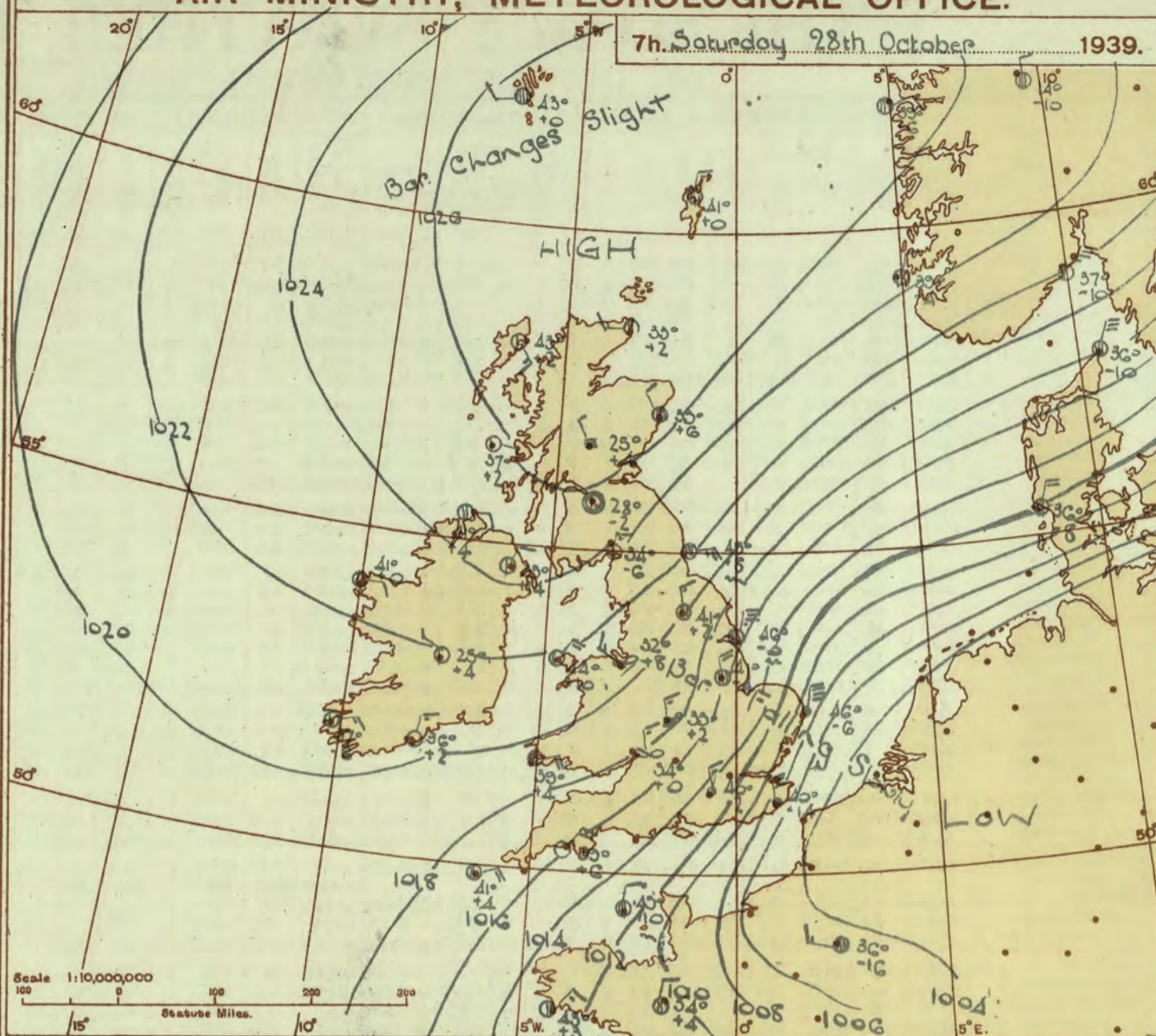
BRITISH SECTION

Saturday 28th October 1939.
No. 28464.

| OBSERVATIONS at 13h. G.M.T. 27th October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 27th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DISTRICT. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. | Change in 8 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. m. | Cloud. | | | | Barom. at M.S.L. mb. | Change in 8 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. m. | Cloud. | | | | Barom. at M.S.L. mb. | Change in 8 hours. | Wind. | | WEATHER. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Dir. | Force. | | | | | Form. | Amount. | Height of Base. (feet) | Dir. | | | Force. | Form. | | | | | Amount. | Height of Base. (feet) | Dir. | Force. | | | Form. | Amount. | Height of Base. (feet) | State of Ground. | Sea. | 7h.—13h. ...27th... | 13h.—18h. ...27th... | 18h.—24h. 1h.—28th... | 1h.—7h. ...28th... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High | Low | Total | Low | Med. | High | Low | Total | Low | Med. | High | Low | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1013.5 | 0 | NNE | 5 | pr | 39 | 85 | 5 | 5 | — | — | 10 | 10 | 1013.2 | +2 | Z | 3 | bc | 39 | 85 | 6 | 5 | — | — | 1500 | 1 | * | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr | pr |

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 28th October 1939.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th October, 1939. |
|---|---|
| 1 S.E. England | Fresh to strong northeast wind, gale on coasts, decreasing a little showers of rain or hail, local thunder; bright intervals; cold. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Moderate northeast wind, fresh on coasts; bright intervals, local showers of rain or hail; cold, frost at night. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | Light to moderate northeast wind, strong locally on coasts; bright intervals, local showers of rain or hail; cold, frost at night. |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A. W. Scotld. B.N.W. Scot- land. | Light east or variable wind; mainly fair; local showers of rain or hail near coasts; cold, sharp frost at night. |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. - For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone is centred near Shetland and a depression over Northeast France is moving south-southwest. Pressure is low over Germany. There will be showers of rain or hail in the East and Southeast with local thunder, but there will be considerable bright periods in the North and West. North to northeast gales will occur at first on East and Southeast Coasts.

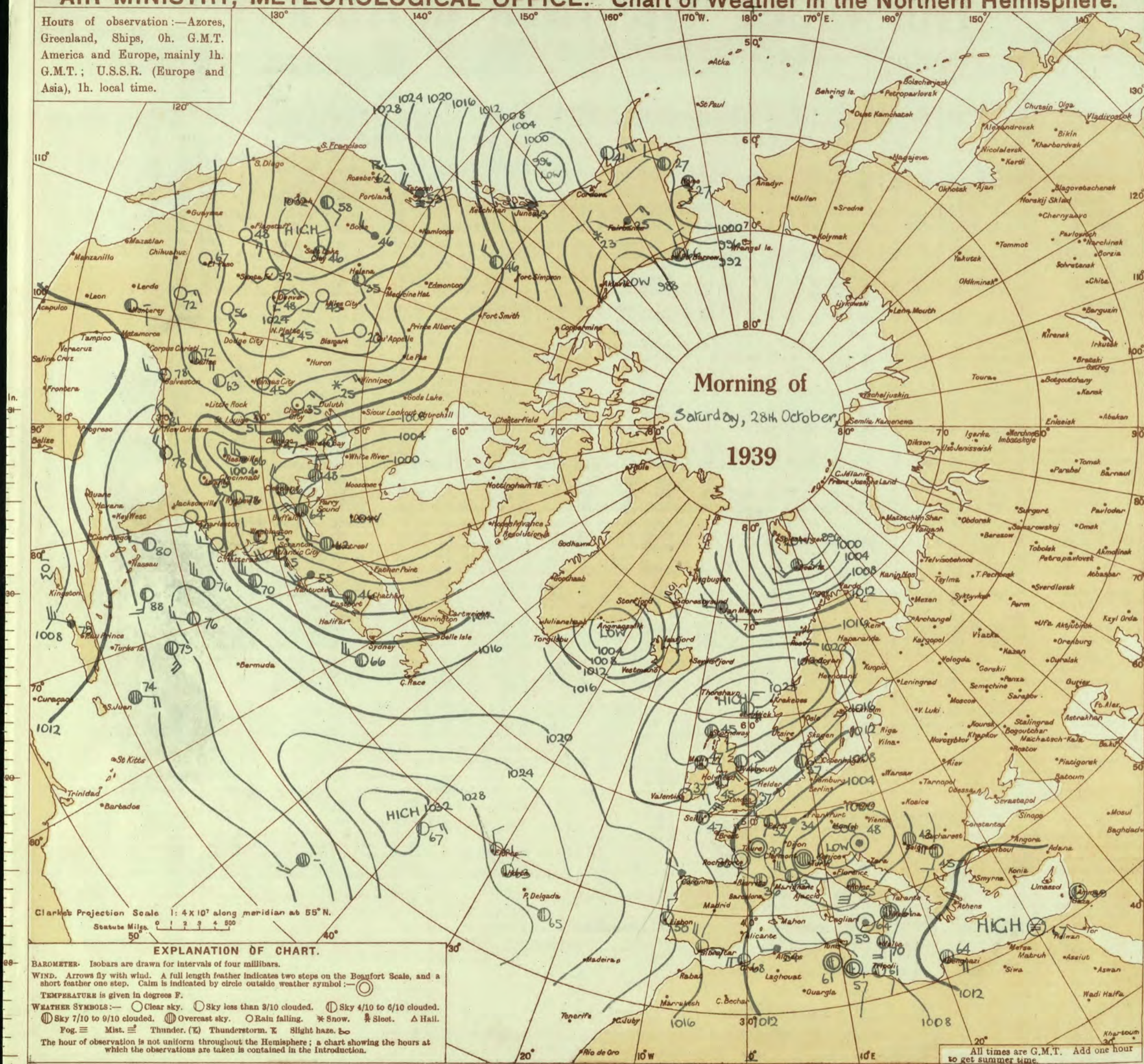
FURTHER OUTLOOK.

Fair in the North and West; showers of rain or hail in the East and Southeast.

Forecasts issued at 0030 G.M.T.
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.
H.M.S.O. Press, Cornwall House, S.E. 1.

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

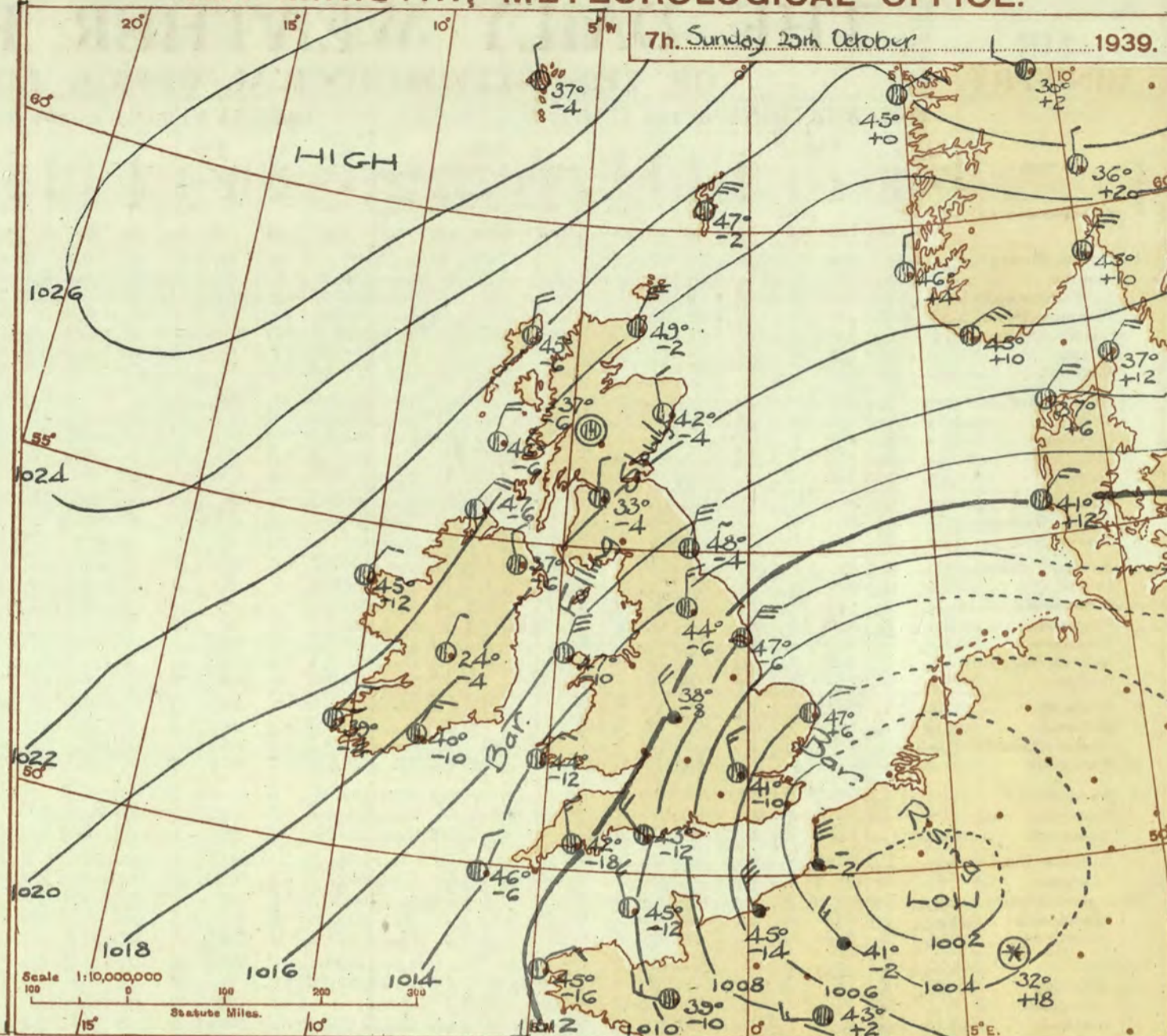
 Saturday, 28th October, 1939
 No. 28464

| OBSERVATIONS at 1 hr. G.M.T. 28th October | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 28th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|---|---------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|---------|------------------------|---|--------|-----------------------|--------------------|-------|---------|----------|-----------|----------|-------------|------------------------|---------------------|-----------------------|-------------------|----------------|------------------|------|------------------|------|------|-----------|------|-----------|------|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | | State of Ground. | Sea. | TEMPERATURE. | | | RAINFALL. | | SUNSHINE. | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | Direc. | Force. | | | Form. | Amount. | | | | | Height of Base (feet). | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. or Grass °F. | Day 7h-18h mm. | | | Night 18h-7h mm. | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0-12 | 0-10 | 0-10 | 0-10 | | 0-10 |
| 1 | London (Kew) | 18 | * | * | * | * | * | * | * | * | * | * | * | 1012.7 | -8 | N | 4 | For | 41 | 85 | 5 | 5 | - | 10 | 10 | 1500 | 1 | * | 47 | 36 | 30 | 2 | 0.2 | 5.2 | | | |
| | Croydon | 217 | 1014.2 | +2 | N | 2 | Zo | 37 | 85 | 6 | S | * | * | 2.3 | 2.3 | 2500 | 1013.3 | -2 | NNW | 3 | For | 40 | 82 | 6 | 6 | 2 | 1.6 | 10 | 800 | 1 | 45 | 33 | 27 | 0.1 | 0.6 | 3.5 | |
| | S. Farnborough | 226 | 1014.9 | +2 | WS | 1 | Zo | 32 | 87 | 8 | * | * | * | 0 | 0 | * | * | * | 34 | 82 | 7 | 5 | - | 9 | 9 | 4000 | 1 | * | 40 | 33 | 30 | 2 | 0.6 | Tr | 6.2 | | |
| | Boscombe Down | 417 | 1015.3 | +4 | N | 4 | b | 35 | 92 | 7 | - | - | - | 0 | 0 | - | 1015.5 | -2 | NNW | 3 | C | 34 | 82 | 7 | 5 | - | 9 | 9 | 4000 | 1 | 46 | 33 | 30 | 0.6 | Tr | 6.2 | |
| | Calshot (St. Hmtn.) | 8 | 1014.2 | +4 | N | 4 | b | 38 | 92 | 7 | - | - | - | 0 | 0 | - | 1013.7 | -4 | NW | 5 | C | 30 | 85 | 7 | 5 | - | 4.5 | 2.7 | 5700 | 1 | 40 | 36 | 34 | Tr | - | 7.3 | |
| | Lympe | 346 | 1012.1 | -6 | NNW | 4 | bphr | 36 | 92 | 6 | 0 | 3 | - | 0 | 0 | - | 1008.5 | -14 | NW | 5 | Tr | 40 | 82 | 6 | 2 | - | 3.4 | 10 | 800 | 1 | 39 | 34 | 33 | 2.3 | 16 | 0.0 | |
| | Manston | 154 | 1010.6 | -6 | NE | 4 | pr | 41 | 92 | 6 | 0 | - | - | 10 | 10 | - | 1007.2 | -18 | NNE | 7 | Tr | 45 | 87 | 5 | 5 | - | 10 | 10 | 800 | 1 | 43 | 36 | 34 | 11 | 18 | 0.1 | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | * | 1010.3 | -12 | NW | 4 | Tr | 42 | 82 | 6 | 5 | - | 10 | 10 | 450 | 1 | * | 48 | 36 | 30 | 3 | 2 | 4.3 | | | |
| | Felixstowe | 15 | 1011.9 | -2 | N | 4 | bpr | 40 | 85 | 7 | 3 | * | 3 | 4.6 | 7.8 | 2500 | 1009.7 | -6 | N | 4 | Tr | 44 | 82 | 6 | 5 | 2 | 7 | 10 | 1500 | 1 | 46 | 38 | 36 | 2 | 5 | 4.0 | |
| | Gorleston | 5 | 1012.7 | -2 | N/E | 6 | b | 46 | 75 | 7 | 8 | - | - | 9 | 9 | 2500 | 1009.1 | -6 | N/E | 8 | pr | 46 | 85 | 6 | 6 | - | 10 | 10 | 1500 | 1 | 47 | 44 | 43 | 3 | 2 | * | |
| | Mildenhall | 19 | 1014.1 | +2 | NW | 3 | bpr | 36 | 85 | 7 | 2 | - | - | 1 | 1 | 2500 | 1012.8 | -6 | N/E | 5 | C | 44 | 75 | 7 | 5 | - | 9 | 10 | 5700 | 1 | 46 | 34 | 29 | 4 | 0.3 | 2.0 | |
| | Cranwell | 240 | 1017.0 | +2 | NNE | 3 | bpr | 38 | 85 | 6 | 8 | * | * | Tr | Tr | 2500 | 1016.6 | -4 | NNW | 4 | bpr | 41 | 85 | 7 | 5 | - | 9 | 9 | 800 | 1 | 45 | 35 | 32 | 4 | 1 | 3.6 | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | * | 1018.8 | +2 | NNW | 3 | M | 35 | 82 | 4 | 5 | - | 1.6 | 1.6 | 2500 | 1 | * | 46 | 33 | 28 | 1 | 0.1 | 6.2 | | | |
| | Upper Heyford | 408 | 1016.7 | +2 | NW | 4 | b | 34 | 87 | 6 | 5 | * | * | Tr | Tr | 800 | 1016.3 | -2 | NNW | 4 | Zo | 35 | 85 | 6 | - | 4 | 7 | 0 | 10 | - | 46 | 33 | 30 | 0.3 | 0.2 | 7.1 | |
| 4 | Ross-on-Wye | 223 | 1016.7 | +2 | NW | 4 | b | 34 | 87 | 6 | 5 | * | * | Tr | Tr | 800 | 1016.1 | -2 | NW | 4 | Zo | 34 | 82 | 6 | 5 | - | 3 | 1 | 2.3 | 2500 | 1 | 48 | 33 | 26 | Tr | Tr | 7.1 |
| 5 | Hartland Point | 299 | 1015.5 | 0 | NE | 5 | C | 43 | 75 | 8 | - | - | 7.8 | 7.8 | 2500 | 1016.8 | +6 | NNE | 4 | bc | 42 | 85 | 8 | 2 | - | 2.3 | 2.3 | 2500 | 0 | 50 | 41 | 39 | - | - | 6.3 | | |
| | Bristol | 209 | 1017.0 | +4 | NNE | 8 | Zo | 37 | 85 | 5 | 5 | * | 9 | 9 | 1500 | 1017.7 | +4 | NNE | 2 | M | 33 | 82 | 4 | 5 | - | 4.6 | 4.6 | 1500 | 1 | 47 | 33 | 25 | 0.3 | Tr | 7.8 | | |
| | Portland Bill | 32 | 1014.0 | +2 | NE | 4 | b | 30 | 82 | 8 | - | - | 0 | 0 | - | 1014.9 | +6 | NNE | 4 | C | 37 | 82 | 8 | 5 | 7 | 4.6 | 7.8 | 4000 | 1 | 48 | 36 | 31 | - | - | 9.1 | | |
| | Plymouth | 82 | 1015.7 | 0 | NW | 3 | bc | 40 | 85 | 8 | 8 | - | - | 2.3 | 2.3 | 2500 | 1016.5 | +8 | NNE | 3 | C | 37 | 82 | 7 | 4 | - | 0 | Tr | - | 50 | 38 | 33 | - | - | 9.1 | | |
| | The Lizard | 240 | 1015.7 | 0 | NW | 3 | bc | 40 | 85 | 8 | 8 | - | - | 2.3 | 2.3 | 2500 | 1016.5 | +8 | NNE | 3 | C | 37 | 82 | 7 | 4 | - | 0 | Tr | - | 50 | 38 | 33 | - | - | 9.1 | | |
| | Scilly (St. Mary's) | 163 | 1015.5 | -6 | NE | 5 | C | 47 | 85 | 6 | 5 | - | - | 7.8 | 7.8 | 1500 | 1016.6 | +4 | ENE | 4 | bc | 41 | 82 | 8 | 8 | - | 4.6 | 4.6 | 1500 | 1 | 51 | 36 | 31 | 0.5 | Tr | 7.3 | |
| | Guernsey | 175 | 1012.2 | 0 | NNE | 5 | bc | 44 | 75 | 8 | 2 | - | - | 2.3 | 2.3 | 1500 | 1013.5 | +10 | NNE | 2 | C | 45 | 75 | 9 | 2 | - | 7.8 | 7.8 | 1500 | 1 | 49 | 41 | 34 | 3 | 1 | 5.3 | |
| 6 | Pembroke | 142 | 1018.1 | +2 | ENE | 4 | bc | 39 | 75 | 8 | 2 | - | - | 2.3 | 2.3 | 2500 | 1019.4 | +4 | ENE | 4 | bc | 39 | 75 | 8 | 5 | 4 | 2.3 | 2.3 | 2500 | 1 | 51 | 37 | 31 | 0.2 | - | 6.3 | |
| 7 | Holyhead | 26 | 1018.9 | +4 | NE | 5 | bc | 46 | 75 | 6 | 2 | - | - | 2.3 | 2.3 | 2500 | 1021.0 | +10 | NE | 4 | bc | 44 | 85 | 8 | 2 | - | 2.3 | 2.3 | 2500 | 1 | 49 | 43 | 39 | Tr | Tr | 3.4 | |
| | Chester (Sealand) | 16 | 1020.5 | +6 | NW | 2 | Zo | 32 | 85 | 6 | 5 | 3 | - | 1 | 1 | 4000 | 1021.2 | +8 | NW | 3 | Zo | 32 | 82 | 6 | 5 | 7 | 2.3 | 2.3 | 2500 | 3 | 48 | 31 | 27 | Tr | Tr | 4.2 | |
| 8 | Manchester | 70 | 1018.9 | +5 | NE | 2 | b | 33 | 85 | 7 | 1 | - | - | 1 | 1 | 4000 | 1020.4 | +2 | NW | 2 | Zo | 34 | 82 | 5 | 5 | - | 2.3 | 2.3 | 4000 | 1 | 48 | 29 | 19 | Tr | Tr | 4.1 | |
| 10 | Spurn Head | 29 | 1016.6 | +6 | ENE | 5 | bphr | 44 | 75 | 7 | 2 | 5 | - | 4.6 | 7.8 | 2500 | 1015.6 | 0 | NE | 7 | Cg | 46 | 65 | 6 | 5 | 2 | 4.6 | 10 | 2500 | 1 | 48 | 41 | 35 | 2 | 2 | 3.4 | |
| | Catterick | 175 | 1021.2 | +8 | NW | 2 | b | 37 | 82 | 8 | 3 | 8 | * | 7.8 | 7.8 | 2500 | 1021.0 | +2 | NW | 3 | C | 41 | 65 | 8 | 8 | - | 7.8 | 7.8 | 2500 | 1 | 45 | 35 | 30 | 2 | 4 | 4.2 | |
| | Tynemouth | 108 | 1021.3 | +10 | NE | 5 | bphr | 46 | 65 | 8 | 2 | - | - | 4.6 | 4.6 | 1500 | 1022.0 | +8 | ENE | 5 | C | 45 | 75 | 8 | 8 | - | 7.8 | 7.8 | 1500 | 1 | 47 | 44 | 39 | 6 | 2 | * | |
| 11 | St. Abbs Head | 280 | 1023.4 | +8 | E | 5 | Cpr | 44 | 65 | 8 | 6 | - | 4.6 | 7.8 | 2500 | 1024.6 | +10 | NE | 5 | C | 46 | 65 | 8 | 5 | 3 | 4.6 | 7.8 | 1500 | 0 | 46 | 42 | 37 | 2 | 0.1 | * | | |
| | Leuchars | 36 | 1024.4 | +6 | N | 1 | Cpr | 38 | 85 | 9 | 8 | - | 7.8 | 7.8 | 1500 | 1025.5 | +10 | NNE | 1 | C | 37 | 85 | 8 | 5 | - | 9 | 9 | 4000 | 1 | 48 | 36 | 23 | 1 | 1 | 5.2 | | |
| 12 | Renfrew (Abbots L.) | 19 | 1025.4 | +6 | - | 0 | bpr | 35 | 92 | 6 | 5 | - | - | Tr | Tr | 4000 | 1025.2 | -2 | - | 1 | Cg | 28 | 87 | 7 | 5 | - | Tr | Tr | 4000 | 1 | 50 | 27 | 25 | - | Tr | 7.5 | |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1023.7 | -6 | N/E | 3 | bc | 34 | 75 | 8 | 5 | - | 2.3 | 2.3 | 2500 | * | 43 | 30 | 22 | 3 | 1 | 3.0 | | |
| | Point of Ayre | 30 | 1022.2 | +4 | E | 4 | bc | 44 | 75 | 8 | 4 | - | - | 2.3 | 2.3 | 2500 | 1022.7 | +2 | E/N | 4 | b | 42 | 85 | 8 | 5 | - | Tr | Tr | 2500 | 0 | 49 | 41 | 37 | - | - | 6.1 | |
| 13a | Tiree | 22 | * | * | * | * | * | * | * | * | * | * | * | 1025.3 | +2 | ESE | 2 | b | 37 | 85 | 9 | 1 | - | 5 | 1 | 4000 | 0 | 2 | 49 | 35 | 26 | - | - | 8.4 | | | |
| 13b | Stornoway | 80 | 1027.3 | 0 | E | 2 | Cpr | 45 | 65 | 8 | 7 | - | 7.8 | 7.8 | 2500 | 1027.3 | +2 | SE | 3 | b | 43 | 85 | 8 | 1 | - | Tr | Tr | 4000 | 1 | 2 | 49 | 39 | 26 | 0.1 | 0. | | |

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Sunday, 29th October, 1939.
No. 28,465.

| OBSERVATIONS at 13h. G.M.T. 28th October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 28th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | |
|--|--------------------------------------|--------------------------------------|------------------------------|--------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|------|--------------|---------------------|--|---------------------------------------|-------------------------------|---|--------|----------|----------------------|---------------------|----------------------------|------------------------|------|------|--------------|---------------------|---------------------|-----------------------|--|---------------------------------------|--------------------------|---------------------------|-------------------------------|-------------------------|
| DISTRICT. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | | Sea. 0-9 (30) | WEATHER. | | | | | | |
| | | | | Direc. | Force. 0-12 (4) | | | | | Low. | Med. | High (11) | Low 0-10 (12) | Total 0-10 (13) | | | Height of Base. (feet) (14) | Direc. | | | | | Force. 0-12 (18) | Low. | Med. | High (25) | Low 0-10 (26) | | Total 0-10 (27) | Height of Base (feet) (28) | State of Ground. 0-9 (29) | 7h.—13h. 28th (37) | 13h.—18h. 28th (38) | 18h.—29th 1h.—29th (39) | 1h.—7h. 29th (40) |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1011.4 | -0.6 | Z | 2 | bc | 43 | 85 | 6 | 5 | - | 10 | 1500 | 1011.6 | -0.2 | N | 4 | bc | 43 | 75 | 6 | 5 | - | 10 | 1500 | 1 | * | bc | bc | bc | bc | | | | |
| | Croydon ... | 1011.6 | -0.4 | Z | 2 | bc | 44 | 85 | 6 | 5 | - | 9 | 10 | 1500 | 1011.8 | -0.2 | N | 4 | bc | 43 | 85 | 4 | 5 | - | 10 | 1500 | 1 | * | bc | bc | bc | bc | | | |
| | S. Farnborough ... | 1012.3 | -0.2 | Z | 2 | bc | 44 | 85 | 6 | 5 | 2 | - | 9 | 10 | 1500 | 1012.6 | +0.3 | N | 4 | bc | 44 | 75 | 7 | 6 | 2 | 7-8 | 10 | 800 | 1 | * | bc | bc | bc | bc | |
| | Boscombe Down ... | 1013.8 | -0.6 | Z | 2 | bc | 44 | 75 | 6 | 5 | 1 | - | 7-8 | 10 | 2500 | 1013.8 | 0 | N | 4 | bc | 43 | 75 | 6 | 5 | 1 | 10 | 1500 | 0 | * | bc | bc | bc | bc | | |
| | Calshot (Soton.) ... | 1012.2 | -0.8 | Z | 2 | bc | 47 | 75 | 7 | 5 | 2 | - | 9 | 10 | 2500 | 1012.3 | +0.1 | N | 4 | bc | 46 | 75 | 6 | 5 | 7 | 7-8 | 9 | 1500 | 1 | 3 | bc | bc | bc | bc | |
| | Lympe ... | 1007.8 | -0.6 | Z | 2 | bc | 45 | 92 | 6 | 9 | 2 | - | 9 | 9 | 800 | 1008.3 | +0.5 | N | 6 | bc | 42 | 85 | 6 | 5 | - | 10 | 10 | 800 | 1 | 4 | bc | bc | bc | bc | |
| | Manston ... | 1007.3 | -0.6 | Z | 2 | bc | 45 | 97 | 6 | 6 | - | - | 10 | 10 | 800 | 1008.5 | +1.2 | N | 7 | bc | 44 | 97 | 5 | 6 | - | 10 | 10 | 800 | 2 | * | bc | bc | bc | bc | |
| 2 | Shoeburyness ... | 1009.9 | -0.2 | Z | 2 | bc | 45 | 92 | 7 | 6 | 2 | - | 7-8 | 10 | 1500 | 1009.6 | -0.3 | N | 4 | bc | 44 | 85 | 6 | 5 | - | 10 | 10 | 1500 | 1 | 3 | bc | bc | bc | bc | |
| | Felixstowe ... | 1009.9 | -0.2 | Z | 2 | bc | 45 | 92 | 6 | 6 | 2 | - | 9 | 10 | 800 | 1008.4 | -1.5 | N | 5 | bc | 45 | 75 | 7 | 5 | 2 | 7-8 | 10 | 4000 | 1 | 5 | bc | bc | bc | bc | |
| | Gorleston ... | 1009.4 | -0.4 | Z | 2 | bc | 46 | 88 | 6 | 6 | 2 | - | 10 | 10 | 1500 | 1008.6 | -0.8 | N | 5 | bc | 48 | 75 | 6 | 6 | 2 | 10 | 10 | 1500 | 1 | 5 | bc | bc | bc | bc | |
| | Mildenhall ... | 1012.1 | -0.6 | Z | 2 | bc | 45 | 85 | 6 | 6 | 2 | - | 7-8 | 10 | 2500 | 1011.3 | -0.8 | N | 5 | bc | 45 | 75 | 7 | 5 | 2 | 9 | 10 | 1500 | 1 | 5 | bc | bc | bc | bc | |
| | Cranwell ... | 1013.5 | -0.6 | Z | 2 | bc | 47 | 75 | 7 | 5 | 1 | - | 7-8 | 10 | 1500 | 1014.6 | +1.1 | N | 5 | bc | 43 | 75 | 6 | 7 | - | 0 | 46 | - | 0 | * | bc | bc | bc | bc | |
| 3 | Birmingham ... | 1013.9 | -0.4 | Z | 2 | bc | 44 | 75 | 6 | 5 | - | 7 | 10 | 1500 | 1016.5 | +2.6 | N | 3 | bc | 42 | 65 | 6 | 5 | 2 | 9 | 0 | 3 | - | 1 | * | bc | bc | bc | bc | |
| | Upper Heyford ... | 1014.9 | -0.6 | Z | 2 | bc | 44 | 75 | 7 | 5 | 1 | - | 7-8 | 10 | 1500 | 1014.5 | -0.4 | N | 3 | bc | 43 | 75 | 7 | 5 | 2 | 0 | 10 | 1500 | 1 | * | bc | bc | bc | bc | |
| 4 | Ross-on-Wye ... | 1016.9 | -0.8 | Z | 2 | bc | 45 | 65 | 6 | 5 | 1 | - | 2-3 | 10 | 2500 | 1016.7 | -0.2 | N | 3 | bc | 41 | 75 | 5 | 5 | 2 | 7-8 | 10 | 1500 | 1 | * | bc | bc | bc | bc | |
| 5 | Hartland Point ... | 1017.8 | -0.2 | Z | 2 | bc | 45 | 75 | 8 | 2 | 4 | - | 2-3 | 4 | 2500 | 1017.2 | +0.6 | NNE | 4 | bc | 46 | 65 | 7 | 8 | 1 | 4 | 3 | 2500 | 0 | 3 | bc | bc | bc | bc | |
| | Bristol ... | 1016.2 | -0.4 | Z | 2 | bc | 45 | 65 | 6 | 5 | 1 | - | 2-3 | 10 | 2500 | 1015.9 | -0.3 | N | 3 | bc | 43 | 75 | 5 | 5 | - | 10 | 10 | 4000 | 1 | * | bc | bc | bc | bc | |
| | Portland Bill ... | 1014.1 | -0.2 | Z | 2 | bc | 39 | 85 | 7 | 5 | 2 | - | 7-8 | 10 | 4000 | 1013.6 | -0.5 | N | 4 | bc | 40 | 85 | 7 | 5 | - | 10 | 10 | 2500 | 1 | 3 | bc | bc | bc | bc | |
| | Plymouth ... | 1016.6 | -0.6 | Z | 2 | bc | 49 | 55 | 8 | 1 | 3 | 5 | 1 | 2-3 | 4000 | 1016.7 | +0.1 | N | 4 | bc | 46 | 65 | 6 | 5 | - | 9 | 3 | 4000 | 0 | 2 | bc | bc | bc | bc | |
| | The Lizard ... | 1017.5 | -0.4 | Z | 2 | bc | 49 | 65 | 8 | 6 | 6 | 3 | 2-3 | 4 | 2500 | 1017.6 | +0.1 | NNE | 3 | bc | 44 | 75 | 8 | 6 | 6 | 7-8 | 7-8 | 2500 | 0 | 2 | bc | bc | bc | bc | |
| | Scilly (St. Mary's) ... | 1018.7 | +0.2 | Z | 2 | bc | 49 | 75 | 8 | 2 | - | - | 2-3 | 2-3 | 2500 | 1018.2 | +0.5 | NNE | 4 | bc | 47 | 85 | 8 | 6 | 6 | 4 | 7-8 | 1500 | 1 | 2 | bc | bc | bc | bc | |
| | Guernsey ... | 1013.5 | 0 | Z | 2 | bc | 46 | 85 | 7 | 8 | - | - | 10 | 10 | 1500 | 1013.6 | 0 | NNE | 4 | bc | 46 | 85 | 6 | 8 | 2 | 4 | 7-8 | 800 | 1 | 4 | bc | bc | bc | bc | |
| 6 | Pembroke ... | 1013.0 | -0.8 | Z | 2 | bc | 47 | 55 | 8 | 5 | 7 | - | 2-3 | 4 | 2500 | 1013.0 | 0 | NE | 3 | bc | 43 | 75 | 8 | 2 | 7 | 4 | 7-8 | 2500 | 1 | 2 | bc | bc | bc | bc | |
| 7 | Holyhead ... | 1021.2 | -0.2 | Z | 2 | bc | 47 | 65 | 8 | 8 | 8 | 8 | 7-8 | 9 | 2500 | 1020.3 | -0.9 | NNE | 4 | bc | 47 | 65 | 8 | 1 | 1 | 7-8 | 3 | 2500 | 1 | 2 | bc | bc | bc | bc | |
| | Chester (Sealand) ... | 1020.3 | -0.6 | Z | 2 | bc | 43 | 65 | 5 | 5 | 2 | - | 9 | 10 | 4000 | 1019.4 | +0.9 | NNW | 3 | bc | 42 | 75 | 5 | 5 | 7 | 4 | 3 | 4000 | 0 | * | bc | bc | bc | bc | |
| 8 | Manchester ... | 1019.4 | -0.8 | Z | 2 | bc | 45 | 65 | 7 | 5 | 7 | - | 4 | 9 | 2500 | 1018.6 | +0.2 | NW | 3 | bc | 43 | 65 | 7 | 5 | 1 | 4 | 3 | 4000 | 1 | * | bc | bc | bc | bc | |
| 10 | Spurn Head ... | 1014.8 | -0.4 | Z | 2 | bc | 47 | 65 | 6 | 5 | - | - | 10 | 10 | 2500 | 1013.2 | -1.6 | NNE | 7 | bc | 47 | 65 | 7 | 5 | 2 | 4 | 10 | 1500 | 0 | 5 | bc | bc | bc | bc | |
| | Catterick ... | 1021.1 | +0.2 | Z | 2 | bc | 46 | 65 | 8 | 7 | - | - | 4 | 9 | 4000 | 1018.7 | -2.4 | NW | 3 | bc | 41 | 75 | 7 | 8 | - | 9 | 2-3 | 7-8 | 2500 | 1 | * | bc | bc | bc | bc |
| | Tynemouth ... | 1020.8 | -1.2 | Z | 2 | bc | 47 | 65 | 8 | 2 | - | - | 7-8 | 7-8 | 1500 | 1019.0 | -1.8 | NE | 6 | bc | 47 | 65 | 8 | 2 | - | 7-8 | 7-8 | 1500 | 1 | 4 | bc | bc | bc | bc | |
| 11 | St. Abbs Head ... | 1023.1 | -1.0 | Z | 2 | bc | 46 | 65 | 9 | 6 | 6 | - | 4 | 6 | 7-8 | 2500 | 1021.2 | -1.9 | NNE | 5 | bc | 45 | 65 | 8 | 6 | - | 4 | 6 | 2500 | 0 | 4 | bc | bc | bc | bc |
| | Leuchars ... | 1024.6 | -0.6 | Z | 2 | bc | 47 | 65 | 9 | 7 | - | - | 2-3 | 4 | 5700 | 1022.8 | -1.8 | NNW | 3 | bc | 40 | 85 | 8 | 7 | - | 2-3 | 2-3 | 4000 | 1 | * | bc | bc | bc | bc | |
| 12 | Renfrew (Abbots L.) ... | 1024.9 | -1.0 | Z | 2 | bc | 48 | 55 | 9 | 5 | - | - | 2-3 | 2-3 | 4000 | 1023.8 | -1.1 | N | 1 | bc | 33 | 85 | 7 | 5 | 3 | 1 | 7 | 2-3 | 4000 | 0 | * | bc | bc | bc | bc |
| | Eskdalemuir ... | 1022.3 | -1.0 | Z | 2 | bc | 43 | 65 | 8 | 5 | 7 | 6 | 1 | 9 | 2500 | 1021.5 | -0.8 | NNE | 3 | bc | 38 | 75 | 8 | 5 | - | 8 | 2-3 | 2-3 | 2500 | 1 | * | bc | bc | bc | bc |
| | Point of Ayre ... | 1022.5 | -0.4 | Z | 2 | bc | 47 | 55 | 8 | 1 | 9 | - | 2-3 | 3 | 2500 | 1021.2 | -1.3 | ENE | 4 | bc | 47 | 65 | 8 | 4 | - | 5 | 2-3 | 2-3 | 2500 | 0 | 3 | bc | bc | bc | bc |
| 13A | Tiree ... | 1015.2 | +0.6 | S | 2 | bc | 50 | 45 | 9 | 1 | 4 | 5 | 1 | 4000 | 1024.6 | -2.2 | NNE | 2 | bc | 43 | 65 | 9 | - | 4 | 5 | 0 | 1 | - | 0 | 2 | bc | bc | bc | bc | |
| 13B | Stornoway ... | 1027.5 | +0.2 | S | 2 | bc | 47 | 75 | 9 | 1 | - | - | 4 | 4 | 4000 | 1026.3 | -1.2 | N | 2 | bc | 39 | 75 | 8 | 5 | 4 | - | 2-3 | 4 | 4000 | 0 | 1 | bc | bc | bc | bc |
| 15 | Dalwhinnie ... | * | -0.6 | Z | 2 | bc | 33 | 92 | 6 | 4 | 6 | - | 7-8 | 7-8 | 1500 | * | NE | 2 | bc | 32 | 97 | 6 | 4 | 6 | - | 7-8 | 9 | 1500 | 0 | * | bc | bc | bc | bc | |
| | Aberdeen ... | 1024.7 | -0.4 | Z | 2 | bc | 45 | 75 | 8 | 7 | - | - | 4 | 4 | 2500 | 1022.9 | -1.8 | NNW | 3 | bc | 41 | 85 | 7 | 8 | - | 4 | 4 | 2500 | 0 | 1 | bc | bc | bc | bc | |
| | Wick ... | 1026.3 | -0.4 | Z | 2 | bc | 46 | 75 | 9 | 8 | 7 | 1 | 4 | 4 | 2500 | 1025.3 | -1.0 | N | 3 | bc | 45 | 85 | 8 | 7 | - | 4 | 4 | 2500 | 1 | 1 | bc | bc | bc | bc | |
| 16 | Lerwick ... | 1026.6 | -1.0 | Z | 2 | bc | 46 | 65 | 8 | 8 | 7 | - | 4 | 4 | 1500 | 1024.8 | -1.8 | NW | 4 | bc | 43 | 75 | 8 | 7 | - | 7-8 | 3 | 1500 | 0 | * | bc | bc | bc | bc | |
| 17 | Blacksod Point ... | 1023.6 | +0.6 | S | 2 | bc | 47 | 65 | 9 | 2 | - | - | 2-3 | 2-3 | 4000 | 1022.2 | -1.4 | ESE | 3 | bc | 46 | 65 | 8 | - | - | 0 | 0 | - | 0 | 2 | bc | bc | | | |

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th October, 1939. |
|---|---|
| 1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ... | Moderate north wind, fresh on coasts, veering northeast to east; mainly cloudy; occasional rain; rather cold. |
| 7 North Wales ... 8 N.W. England 9 N. Midlands ... | Moderate northeast wind, fresh on coasts, cloudy; local showers; rather cold. |
| 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man. | Moderate northeast wind; fresh on coasts; cloudy; showers; rather cold. |
| 13 { A.W.Scotld. B.N.W.Scotland. | Light to moderate northeast wind; bright intervals; local showers; rather cold; frost locally at night. |
| 14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands | As 10 - 11. |
| 17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland | As 12 - 13B. |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

A ridge of high pressure extending from the Faeroes to Northern Scandinavia is moving slowly southwards and a depression over Northeast France is moving west-southwest. There will be occasional rain in the South but there will be bright intervals in the North with local showers chiefly near the east coast.

FURTHER OUTLOOK.

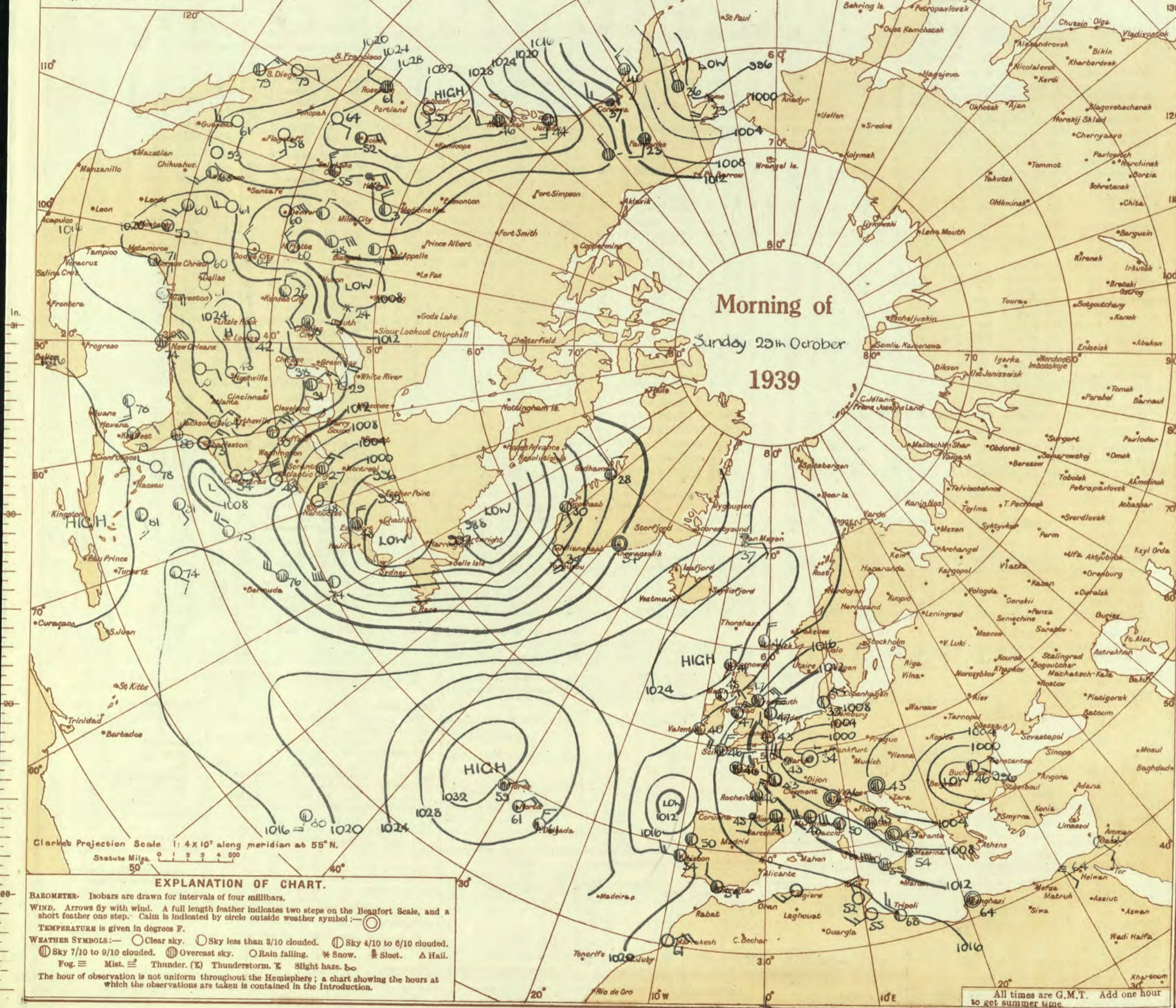
Mainly fair in the North; unsettled in the South.

Forecasts issued at 0930 G.M.T.
H.M.S.O. Press, Cornwall House, S.E.1.

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Sunday, 29th October, 1939.
 No. 28,465

| OBSERVATIONS at 1 hr. G.M.T. 29th October..... | | | | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 29th October..... | | | | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|--|-----------------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|-------------|--------|---------|------------------------|--------|--------|-----------------------|--|-------|---------|----------|-----------|----------|-------------|------------------------|---------------------|-----------------------|-------------------|----------------|------------------|------|------------------|------|-----------|----------------|----------------|------|------|-------|------|------|-------|--|--|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | | State of Ground. | Sea. | TEMPERATURE. | | RAINFALL. | | SUN-SHINE Hrs. | | | | | | | | |
| | | | | | Dirce. | Force. | | | | | Form. | Amount. | Height of Base (feet). | Dirce. | Force. | | | Form. | Amount. | | | | | Height of Base (feet). | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | | | Night 18h-7h mm. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High. | | Low. | Med. | High. | Low. | Med. | High. | | |
| 1 | London (Kew) ... 18 | 1009.6 | -14 | NW | 3 | C | 43 | 75 | 7 | 5 | 7 | 5 | 7 | 10 | 2500 | 1007.1 | -10 | NNW | 3 | 0/r | 41 | 92 | 7 | 5 | 2 | 7 | 10 | 1500 | 1 | 46 | 41 | 35 | 1 | Tr | 0.0 | | | | | | | | |
| | Croydon ... 217 | 1009.6 | -10 | NW | 3 | C | 41 | 75 | 7 | 5 | 7 | 5 | 7 | 10 | 2500 | 1007.5 | -12 | NW | 3 | 0/r | 41 | 75 | 6 | 5 | 1 | 10 | 10 | 1500 | 1 | 45 | 41 | 39 | 1 | 0.1 | 0.0 | | | | | | | | |
| | S. Farnborough ... 226 | 1012.3 | -12 | NNW | 4 | 20 | 39 | 75 | 6 | 1 | 1 | 1 | 1 | 10 | 1000 | 1000.1 | -18 | NNW | 4 | 16 | 38 | 85 | 7 | 8 | 1 | 9 | 10 | 1500 | 1 | 45 | 36 | 35 | Tr | 0.1 | 0.1 | | | | | | | | |
| | Boscombe Down ... 417 | 1016.6 | -14 | NNW | 6 | 20 | 44 | 75 | 8 | 1 | 1 | 1 | 1 | 0 | 10 | 1007.7 | -14 | NNW | 5 | 20 | 42 | 75 | 6 | 5 | 3 | 9 | 10 | 2500 | 1 | 47 | 40 | 40 | Tr | 0.0 | 0.0 | | | | | | | | |
| | Calshot (St. Mary's) ... 8 | 1006.2 | -20 | NW | 5 | 16 | 42 | 75 | 7 | 5 | 2 | 2 | 2 | 46 | 10 | 1500 | 1004.1 | -6 | NW | 5 | 16 | 41 | 82 | 6 | 6 | 2 | 9 | 10 | 800 | 1 | 45 | 40 | 39 | 21 | 5 | 0.1 | | | | | | | |
| | Lympe ... 346 | 1005.4 | -18 | NW | 7 | 16 | 44 | 85 | 6 | 5 | 1 | 1 | 1 | 0 | 10 | 1003.6 | -2 | NE/E | 3 | 16 | 43 | 85 | 6 | 6 | 1 | 10 | 10 | 800 | 1 | 46 | 43 | 40 | 16 | 7 | 0.0 | | | | | | | | |
| | Manston ... 154 | 1005.4 | -18 | NW | 7 | 16 | 44 | 85 | 6 | 5 | 1 | 1 | 1 | 0 | 10 | 1003.6 | -2 | NE/E | 3 | 16 | 43 | 85 | 6 | 6 | 1 | 10 | 10 | 800 | 1 | 46 | 43 | 40 | 16 | 7 | 0.0 | | | | | | | | |
| 2 | Shoeburyness ... 11 | 1005.9 | -18 | N | 3 | C | 43 | 85 | 6 | 5 | 2 | 2 | 2 | 10 | 1800 | 1004.5 | -12 | NNE | 3 | 16 | 43 | 87 | 7 | 6 | 2 | 7 | 10 | 800 | 1 | 46 | 42 | 40 | 5 | 7 | 0.0 | | | | | | | | |
| | Felixstowe ... 15 | 1005.9 | -18 | N | 3 | C | 43 | 85 | 6 | 5 | 2 | 2 | 2 | 10 | 1800 | 1004.5 | -12 | NNE | 3 | 16 | 43 | 87 | 7 | 6 | 2 | 7 | 10 | 800 | 1 | 46 | 42 | 40 | 5 | 7 | 0.0 | | | | | | | | |
| | Gorleston ... 5 | 1005.7 | -22 | N | 4 | 16 | 45 | 92 | 6 | 6 | 1 | 1 | 1 | 10 | 10 | 1005.5 | -10 | NE/E | 2 | 16 | 47 | 75 | 7 | 8 | 2 | 7 | 10 | 2500 | 1 | 48 | 45 | 43 | 4 | 5 | * | | | | | | | | |
| | Mildenhall ... 19 | 1005.2 | -22 | NW | 4 | 0 | 44 | 75 | 7 | 5 | 1 | 1 | 1 | 10 | 10 | 1005.9 | -10 | N/E | 4 | 16 | 45 | 82 | 6 | 6 | 2 | 9 | 10 | 1500 | 1 | 46 | 43 | 41 | 2 | 2 | 0.0 | | | | | | | | |
| | Cranwell ... 240 | 1011.6 | -20 | NW | 3 | C | 43 | 85 | 7 | 5 | 1 | 1 | 1 | 10 | 10 | 1009.3 | -6 | NW | 3 | C | 42 | 82 | 6 | 5 | 2 | 7 | 10 | 800 | 1 | 47 | 39 | 37 | - | 0.6 | 0.0 | | | | | | | | |
| 3 | Birmingham ... 535 | 1012.7 | -14 | NNE | 4 | C | 38 | 85 | 7 | 5 | 2 | 2 | 2 | 10 | 10 | 1010.9 | -8 | NNW | 4 | 16 | 38 | 85 | 7 | 6 | 2 | 7 | 10 | 2500 | 1 | 45 | 37 | 35 | Tr | Tr | 0.0 | | | | | | | | |
| | Upper Heyford ... 408 | 1012.7 | -14 | NNE | 4 | C | 38 | 85 | 7 | 5 | 2 | 2 | 2 | 10 | 10 | 1010.9 | -8 | NNW | 4 | 16 | 38 | 85 | 7 | 6 | 2 | 7 | 10 | 2500 | 1 | 45 | 37 | 35 | Tr | Tr | 0.0 | | | | | | | | |
| 4 | Ross-on-Wye ... 223 | 1012.7 | -14 | NNE | 4 | C | 38 | 85 | 7 | 5 | 2 | 2 | 2 | 10 | 10 | 1010.9 | -8 | NNW | 4 | 16 | 38 | 85 | 7 | 6 | 2 | 7 | 10 | 2500 | 1 | 45 | 37 | 35 | Tr | Tr | 0.0 | | | | | | | | |
| 5 | Hartland Point ... 299 | 1015.5 | -14 | NE | 4 | C | 43 | 65 | 8 | 8 | 1 | 1 | 1 | 7 | 8 | 2500 | 1011.9 | -20 | NE | 4 | C | 45 | 65 | 8 | 5 | 1 | 7 | 10 | 2500 | 0 | 48 | 43 | 40 | - | - | 5.0 | | | | | | | |
| | Bristol ... 209 | 1014.3 | -18 | N/E | 4 | 20 | 40 | 75 | 8 | 5 | 2 | 2 | 2 | 46 | 10 | 1011.6 | -10 | N | 4 | C | 40 | 75 | 8 | 5 | 7 | 7 | 10 | 4000 | 1 | 45 | 38 | 32 | Tr | - | 1.5 | | | | | | | | |
| | Portland Bill ... 32 | 1012.5 | -8 | NNW | 4 | C | 41 | 85 | 7 | 5 | 2 | 2 | 2 | 46 | 10 | 1010.5 | -12 | NW | 4 | C | 43 | 85 | 8 | 5 | 2 | 7 | 10 | 4000 | 1 | 44 | 37 | - | - | - | - | | | | | | | | |
| | Plymouth ... 82 | 1015.2 | -6 | NW | 3 | 20 | 43 | 75 | 6 | 3 | 7 | 7 | 7 | 0 | 10 | 1011.8 | -13 | NW | 3 | C | 42 | 75 | 6 | 5 | 1 | 9 | 10 | 5700 | 0 | 50 | 41 | 39 | - | - | 6.6 | | | | | | | | |
| | The Lizard ... 240 | 1015.8 | -16 | NNE | 3 | C | 41 | 85 | 8 | 8 | 6 | 6 | 6 | 7 | 8 | 2500 | 1013.1 | -10 | NNE | 3 | C | 40 | 85 | 8 | 8 | 6 | 7 | 10 | 800 | 0 | 51 | 38 | - | - | - | 8.5 | | | | | | | |
| | Scilly (St. Mary's) ... 163 | 1016.6 | -14 | NNE | 3 | C | 46 | 85 | 8 | 8 | 4 | 4 | 4 | 46 | 7 | 1500 | 1014.1 | -10 | N/E | 2 | C | 46 | 85 | 8 | 8 | 3 | 23 | 10 | 1500 | 0 | 50 | 44 | - | - | - | 8.8 | | | | | | | |
| | Guernsey ... 175 | 1012.7 | -2 | NW | 3 | C | 45 | 75 | 6 | 8 | 2 | 2 | 2 | 46 | 10 | 1009.7 | -12 | NNW | 3 | bc | 45 | 65 | 8 | 2 | 3 | 1 | 10 | 2500 | 1 | 48 | 45 | 40 | 0.1 | 0.2 | 1.9 | | | | | | | | |
| 6 | Pembroke ... 142 | 1017.2 | -6 | E/N | 2 | C | 43 | 75 | 8 | 5 | 7 | 8 | 8 | 23 | 7 | 2500 | 1014.9 | -12 | NE/E | 3 | C | 44 | 85 | 8 | 8 | 1 | 9 | 10 | 1500 | 1 | 48 | 42 | 41 | - | - | 6.9 | | | | | | | |
| 7 | Holyhead ... 26 | 1017.2 | -18 | N/E | 5 | C | 47 | 65 | 8 | 5 | 2 | 2 | 2 | 7 | 8 | 2500 | 1014.9 | -10 | NNE | 6 | C | 47 | 65 | 8 | 8 | 1 | 7 | 10 | 2500 | 1 | 48 | 42 | 41 | - | 1 | 4.3 | | | | | | | |
| | Chester (Sealand) ... 16 | 1016.3 | -20 | NW | 3 | 20 | 41 | 75 | 6 | 5 | 7 | 8 | 8 | 7 | 8 | 2500 | 1013.9 | -6 | NNW | 3 | C | 42 | 75 | 6 | 5 | 2 | 7 | 10 | 2500 | 1 | 44 | 37 | 31 | - | - | 0.8 | | | | | | | |
| 8 | Manchester ... 70 | 1018.5 | -18 | NW | 3 | 20 | 38 | 85 | 7 | 5 | 7 | 8 | 8 | 7 | 8 | 2500 | 1013.1 | -6 | NW | 4 | C | 42 | 75 | 7 | 5 | 7 | 7 | 10 | 2500 | 1 | 46 | 36 | 29 | - | - | 0.1 | | | | | | | |
| 10 | Spurn Head ... 29 | 1010.6 | -12 | NE/N | 6 | C | 47 | 65 | 7 | 5 | 2 | 2 | 2 | 7 | 8 | 2500 | 1009.0 | -6 | NE | 6 | C | 47 | 65 | 7 | 5 | 2 | 7 | 10 | 1500 | 1 | 47 | 44 | - | Tr | 0.2 | 0.0 | | | | | | | |
| | Catterick ... 175 | 1012.8 | -14 | NNW | 2 | C | 40 | 85 | 8 | 5 | 2 | 2 | 2 | 10 | 10 | 1013.1 | -6 | N | 3 | C | 44 | 75 | 8 | 5 | 3 | 1 | 10 | 1500 | 1 | 46 | 39 | 38 | - | 0.1 | 2.0 | | | | | | | | |
| | Tynemouth ... 108 | 1016.0 | -10 | NE | 5 | C | 47 | 65 | 7 | 2 | 1 | 1 | 1 | 7 | 8 | 1500 | 1014.5 | -4 | NNE | 6 | C | 48 | 65 | 7 | 2 | 1 | 9 | 10 | 2500 | 1 | 47 | 44 | 41 | - | 0.5 | * | | | | | | | |
| 11 | St. Abbs Head ... 280 | 1017.9 | -12 | NNE | 5 | C | 46 | 65 | 8 | 2 | 6 | 6 | 6 | 46 | 7 | 2500 | 1015.9 | -10 | NNE | 4 | C | 47 | 65 | 8 | 6 | 1 | 7 | 10 | 2500 | 0 | 47 | 42 | - | - | 1 | * | | | | | | | |
| | Leuchars ... 36 | 1019.8 | -12 | N | 2 | bc | 40 | 85 | 8 | 5 | 2 | 2 | 2 | 46 | 10 | 1018.1 | -12 | NNW | 1 | C | 40 | 85 | 8 | 5 | 6 | 1 | 7 | 10 | 5700 | 1 | 48 | 37 | 27 | - | - | 6.8 | | | | | | | |
| 12 | Reufrew (Abbots) ... 19 | 1021.2 | -12 | N/E | 3 | bc | 37 | 85 | 8 | 5 | 2 | 2 | 2 | 23 | 2 | 4000 | 1019.2 | -4 | N | 1 | C | 33 | 82 | 9 | 5 | 3 | 6 | 23 | 7 | 4000 | 1 | 48 | 32 | 26 | - | - | 5.3 | | | | | | |
| | Eskdalemuir ... 794 | 1021.2 | -12 | N/E | 3 | bc | 37 | 85 | 8 | 5 | 2 | 2 | 2 | 23 | 2 | 4000 | 1019.2 | -4 | N | 1 | C | 33 | 82 | 9 | 5 | 3 | 6 | 23 | 7 | 4000 | 1 | 48 | 32 | 26 | - | - | 5.3 | | | | | | |
| | Point of Ayre ... 30 | 1020.1 | -14 | NE/N | 5 | bc | 44 | 75 | 8 | 4 | 1 | 1 | 1 | 7 | 8 | 2500 | 1016.8 | -8 | NNE | 5 | 16 | 44 | 85 | 8 | 6 | 2 | 23 | 10 | 2500 | 1 | 45 | 35 | 31 | Tr | 1 | 3.5 | | | | | | | |
| 13A | Tiree ... 22 | 1025.1 | -8 | N | 3 | C | 41 | 92 | 8 | 8 | 7 | 7 | 7 | 7 | 8 | 2500 | 1022.8 | -6 | N | 4 | C | 45 | 92 | 8 | 5</ | | | | | | | | | | | | | | | | | | |

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 30th October 1939

No. 28466

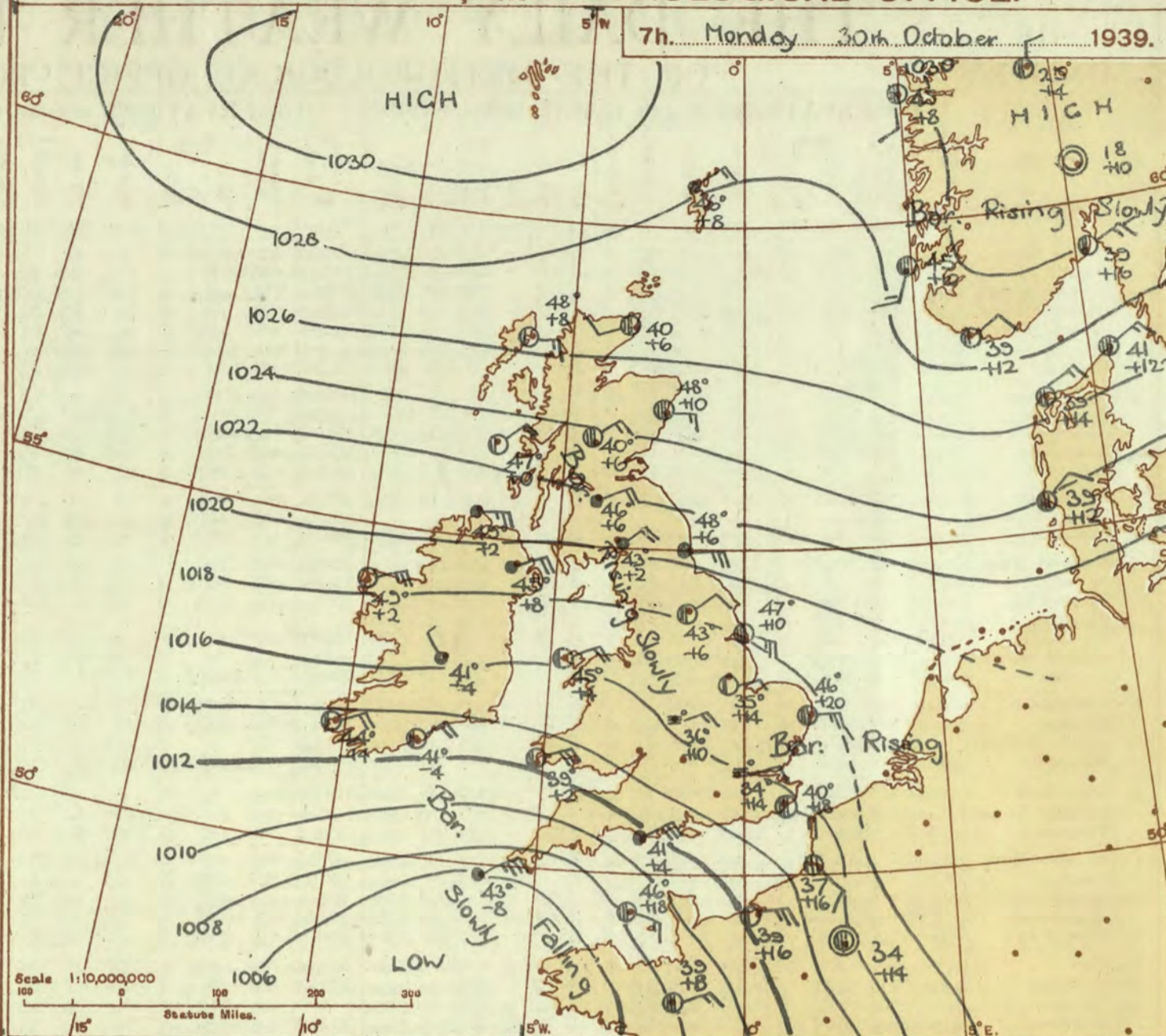
| OBSERVATIONS at 13h. G.M.T. 29th October | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 29th October | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | |
|--|--------------------------------------|--------------------------------------|------------------------------|---------------|---------------|---------------------|--------------------|---------------------------|--------------|--------------|--------------|-------------|---------------|--|-------------------------------|---|----------------|----------------------|---------------------|----------------------------|----------------|---------------|--------------|--------------|-------------|---------------------------------------|-------------------------------|------------------------------------|---------------|---|--------------------------|---------------------------|---------------------------|-------------------------|
| DISTRICT. | STATIONS. (For heights see p. 4.) | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. | | Temp. °F. (6) | Humid. % (7) | Visibility. 0-9 (8) | Cloud. | | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours. (16) | Wind. | | Temp. °F. (20) | Humid. % (21) | Visibility. 0-9 (22) | Cloud. | | | | | Barom. at M.S.L. mb. (28) | Change in 3 hours. (29) | State of Ground. 0-9 (30) | WEATHER. | | | | | |
| | | | | Direc. (3) | Force. (4) | | | | Form. (9) | Med. (10) | High (11) | Low (12) | Total (13) | | | Height of Base. (feet) (14) | Direc. (17) | | | | Force. (18) | Form. (23) | Med. (24) | High (25) | Low (26) | | | | Total (27) | Height of Base. (feet) (28) | 7h.—13h. 29th (37) | 13h.—18h. 29th (38) | 18h.—29th 30th (39) | 1h.—7h. 30th (40) |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | London (Kew)... | 1006.9 | +6 | NE | 2 | 45 | 85 | 4 | 5 | 1 | 7-8 | 9 | 1500 | 1009.8 | +18 | NE | 3 | 40 | 75 | 5 | 5 | 1 | 2-3 | 2-3 | 1500 | 1 | * | cir | ci | bcm | bxc | | | |
| | Croydon ... | 1006.8 | +6 | NE | 3 | 44 | 85 | 4 | 5 | 7 | 4-6 | 9 | 2500 | 1009.8 | +20 | E | 1 | 38 | 85 | 4 | 5 | 1 | 2-3 | 2-3 | 4000 | 1 | * | ci | ci | bcm | bxc | | | |
| | S. Farnborough | 1006.7 | +2 | NE | 3 | 43 | 92 | 6 | 5 | 2 | 7-8 | 10 | 800 | 1009.5 | +18 | NE | 2 | 38 | 85 | 5 | 5 | 1 | 1 | 2-3 | 1500 | 1 | * | ci | ci | bcm | bxc | | | |
| | Boscombe Down | 1007.0 | -10 | NW | 4 | 41 | 92 | 5 | 6 | 2 | 7-8 | 10 | 800 | 1009.1 | +20 | NE | 3 | 39 | 92 | 5 | 7 | 1 | 0 | 10 | - | 1 | * | ci | ci | bcm | bxc | | | |
| | Calshot (Soton.) | 1006.3 | -6 | NE | 4 | 46 | 85 | 7 | 5 | - | 10 | 10 | 1500 | 1008.4 | +14 | NE | 3 | 42 | 85 | 6 | 5 | 7 | 2-3 | 9 | 4000 | 1 | 2 | ci | ci | bcm | bxc | | | |
| | Lymington | 1007.0 | +14 | NE | 3 | 44 | 65 | 8 | 8 | - | 4-6 | 4 | 2500 | 1009.5 | +16 | E | 2 | 39 | 75 | 6 | 4 | - | 4-6 | 4 | 4000 | 1 | 3 | ci | ci | bcm | bxc | | | |
| | Manston | 1006.7 | +12 | NE | 3 | 45 | 65 | 7 | 8 | - | 3 | 3 | 2500 | 1009.6 | +20 | NE | 2 | 39 | 85 | 6 | 9 | - | 10 | 10 | 800 | 1 | * | ci | ci | bcm | bxc | | | |
| 2 | Shoeburyness ... | 1007.2 | +14 | E | 4 | 45 | 75 | 8 | 8 | - | 3 | 3 | 1500 | 1009.5 | +16 | E | 3 | 41 | 75 | 8 | 4 | - | 2-3 | 2-3 | 4000 | 1 | * | ci | ci | bcm | bxc | | | |
| | Felixstowe ... | 1007.4 | +14 | E | 3 | 45 | 65 | 7 | 8 | - | 3 | 3 | 2500 | 1009.8 | +18 | NW | 3 | 43 | 65 | 8 | 9 | - | 3 | 3 | 1500 | 1 | * | ci | ci | bcm | bxc | | | |
| | Gorleston ... | 1008.3 | +14 | E | 4 | 47 | 65 | 7 | 8 | - | 7-8 | 7 | 2500 | 1011.0 | +20 | NE | 5 | 46 | 55 | 8 | 8 | - | 4-6 | 4-6 | 2500 | 1 | 3 | ci | ci | bcm | bxc | | | |
| | Mildenhall ... | 1008.2 | +14 | E | 3 | 46 | 85 | 7 | 8 | 7 | 9 | 9 | 4000 | 1011.1 | +14 | NE | 5 | 41 | 85 | 7 | 5 | - | 2-3 | 2-3 | 4000 | 1 | * | ci | ci | bcm | bxc | | | |
| | Cranwell ... | 1009.4 | +6 | NE | 1 | 43 | 97 | 6 | 5 | 7 | 4-6 | 4-6 | 800 | 1012.5 | +24 | NNE | 2 | 41 | 85 | 6 | 5 | - | 2-3 | 2-3 | 4000 | 1 | * | ci | ci | bcm | bxc | | | |
| 3 | Birmingham | 1008.7 | -12 | NNE | 4 | 42 | 92 | 5 | 6 | - | 10 | 10 | 800 | 1012.1 | +16 | NNE | 2 | 41 | 92 | 3 | 6 | - | 3 | 3 | 800 | 1 | * | ci | ci | bcm | bxc | | | |
| 4 | Upper Heyford | 1008.5 | -16 | N | 3 | 41 | 92 | 6 | 6 | - | 10 | 10 | 1500 | 1011.2 | +14 | NE | 2 | 38 | 97 | 6 | 5 | - | 1 | 2-3 | 1500 | 1 | * | ci | ci | bcm | bxc | | | |
| | Ross-on-Wye ... | 1008.5 | -16 | N | 3 | 41 | 92 | 6 | 6 | - | 10 | 10 | 1500 | 1011.2 | +14 | NW | 1 | 38 | 97 | 6 | 5 | - | 1 | 2-3 | 1500 | 1 | * | ci | ci | bcm | bxc | | | |
| 5 | Hartland Point | 1009.4 | -12 | NNE | 4 | 46 | 65 | 8 | 5 | 2 | 7-8 | 9 | 1500 | 1007.2 | -10 | NE | 4 | 45 | 85 | 8 | 6 | 2 | 7-8 | 10 | 1500 | 1 | 3 | ci | ci | bcm | bxc | | | |
| | Bristol ... | 1008.9 | -10 | N | 3 | 44 | 85 | 6 | 5 | 2 | 4-6 | 10 | 1500 | 1010.2 | +26 | NEN | 2 | 39 | 92 | 5 | 3 | 2 | 3 | 10 | 1500 | 1 | * | ci | ci | bcm | bxc | | | |
| | Portland Bill | 1007.1 | -6 | NW | 4 | 44 | 92 | 8 | 5 | 2 | 7-8 | 10 | 2500 | 1007.1 | +6 | E | 4 | 41 | 92 | 7 | 5 | - | 10 | 10 | 1500 | 1 | 4 | ci | ci | bcm | bxc | | | |
| | Plymouth | 1009.3 | -14 | N/E | 4 | 47 | 65 | 8 | 5 | 7 | 4-6 | 10 | 4000 | 1008.0 | -10 | N | 2 | 42 | 97 | 8 | 8 | 2 | 3 | 10 | 1500 | 1 | 1 | ci | ci | bcm | bxc | | | |
| | The Lizard | 1010.1 | -20 | N | 3 | 48 | 65 | 8 | 8 | 2 | 7-8 | 9 | 2500 | 1008.0 | -10 | N | 2 | 42 | 97 | 8 | 8 | 2 | 3 | 10 | 1500 | 1 | 1 | ci | ci | bcm | bxc | | | |
| | Scilly (St. Mary's) | 1011.4 | -12 | NW | 5 | 48 | 92 | 8 | 8 | 7 | 7-8 | 10 | 1500 | 1008.7 | -14 | N | 2 | 43 | 85 | 8 | 7 | - | 4-6 | 10 | 1500 | 1 | 3 | ci | ci | bcm | bxc | | | |
| | Guernsey | 1007.2 | -14 | NW | 2 | 46 | 85 | 7 | 8 | - | 10 | 10 | 1500 | 1008.5 | -6 | NNW | 1 | 43 | 97 | 6 | 8 | - | 10 | 10 | 800 | 4 | 1 | ci | ci | bcm | bxc | | | |
| 6 | Pembroke ... | 1011.5 | -8 | NE | 4 | 47 | 75 | 8 | 8 | - | 10 | 10 | 1500 | 1009.2 | -8 | E | 3 | 45 | 92 | 7 | 8 | - | 3 | 3 | 1500 | 1 | 2 | ci | ci | bcm | bxc | | | |
| 7 | Holyhead ... | 1012.6 | -16 | N/E | 6 | 49 | 65 | 8 | 9 | 2 | 9 | 10 | 1500 | 1012.7 | +10 | E | 3 | 45 | 92 | 8 | 6 | 2 | 7-8 | 7-8 | 1500 | 1 | 4 | ci | ci | bcm | bxc | | | |
| | Chester (Sealand) | 1011.7 | -10 | N/E | 4 | 45 | 75 | 6 | 5 | 2 | 10 | 10 | 2500 | 1013.8 | +22 | - | 0 | 39 | 92 | 4 | 5 | 7 | 4-6 | 7-8 | 4000 | 1 | * | ci | ci | bcm | bxc | | | |
| 8 | Manchester ... | 1010.9 | -10 | NNE | 4 | 46 | 85 | 7 | 5 | 2 | 7-8 | 10 | 2500 | 1013.7 | +16 | N | 2 | 42 | 85 | 4 | 5 | 4 | 2-3 | 2-3 | 4000 | 1 | * | ci | ci | bcm | bxc | | | |
| 10 | Spurn Head ... | 1010.4 | +10 | E | 4 | 46 | 75 | 6 | 5 | 7 | 4-6 | 9 | 2500 | 1012.7 | +12 | E | 3 | 47 | 65 | 6 | 5 | 2 | 4-6 | 3 | 2500 | 1 | 4 | ci | ci | bcm | bxc | | | |
| | Catterick ... | 1012.8 | +2 | NE | 4 | 45 | 92 | 6 | 5 | 7 | 4-6 | 10 | 1500 | 1015.4 | +20 | NE | 1 | 44 | 92 | 8 | 8 | - | 3 | 3 | 1500 | 1 | * | ci | ci | bcm | bxc | | | |
| | Tynemouth ... | 1014.4 | -8 | NE | 6 | 48 | 85 | 7 | 8 | - | 9 | 9 | 1500 | 1016.7 | +16 | NE | 6 | 49 | 85 | 7 | 8 | - | 9 | 9 | 1500 | 1 | 4 | ci | ci | bcm | bxc | | | |
| 11 | St. Abbs Head | 1017.0 | +6 | NE | 6 | 48 | 75 | 8 | 8 | 2 | 7-8 | 10 | 2500 | 1018.3 | +16 | NE | 4 | 47 | 92 | 8 | 3 | 2 | 7-8 | 10 | 1500 | 1 | 4 | ci | ci | bcm | bxc | | | |
| | Leuchars ... | 1018.5 | +10 | E | 2 | 49 | 65 | 9 | 8 | 7 | 4-6 | 9 | 4000 | 1020.1 | +14 | E | 4 | 48 | 85 | 7 | 8 | - | 3 | 3 | 1500 | 1 | * | ci | ci | bcm | bxc | | | |
| 12 | Renfrew (Abbots L.) | 1018.0 | -6 | E | 3 | 50 | 65 | 9 | 8 | 5 | 4-6 | 7-8 | 2500 | 1019.5 | +10 | NE | 2 | 46 | 75 | 8 | 5 | 7 | 3 | 3 | 2500 | 0 | * | ci | ci | bcm | bxc | | | |
| | Eskdalemuir ... | 1015.3 | -4 | NE | 5 | 45 | 65 | 8 | 5 | 2 | 7-8 | 9 | 2500 | 1017.6 | +16 | NE | 4 | 42 | 92 | 6 | 6 | - | 10 | 10 | 2500 | 1 | * | ci | ci | bcm | bxc | | | |
| | Point of Ayre ... | 1014.7 | -12 | NE | 5 | 48 | 75 | 8 | 8 | 7 | 7-8 | 9 | 2500 | 1015.7 | +4 | E | 6 | 43 | 85 | 7 | 8 | 7 | 3 | 4-6 | 9 | 1500 | 0 | 4 | ci | ci | bcm | bxc | | |
| 13A | Tiree ... | 1019.0 | -4 | NE | 4 | 51 | 75 | 8 | 2 | 4 | 4-6 | 4-6 | 2500 | 1020.0 | +6 | NE | 4 | 50 | 75 | 8 | 2 | 4 | 2-3 | 4-6 | 4000 | 0 | 3 | ci | ci | bcm | bxc | | | |
| 13B | Stornoway ... | 1022.9 | +2 | NNE | 5 | 49 | 85 | 7 | 5 | 2 | 4-6 | 10 | 1500 | 1023.3 | +8 | NE | 4 | 48 | 92 | 8 | 5 | 7 | 4-6 | 3 | 2500 | 1 | 2 | ci | ci | bcm | bxc | | | |
| 15 | Dalwhinnie ... | 1019.9 | -2 | NE | 3 | 44 | 85 | 7 | 4 | 2 | 2-4 | 10 | 2500 | * | NNE | 1 | 38 | 92 | 7 | 4 | 4 | - | 4-6 | 7-8 | 2500 | 0 | * | ci | ci | bcm | bxc | | | |
| | Aberdeen ... | 1019.8 | +8 | E | 3 | 43 | 65 | 8 | 7 | 9 | 6 | 4-6 | 7-8 | 2500 | 1021.9 | +18 | E | 4 | 49 | 75 | 7 | 5 | 7 | 7-8 | 7-8 | 2500 | 0 | 2 | ci | ci | bcm | bxc | | |
| | Wick ... | 1020.9 | +6 | NE | 4 | 50 | 85 | 8 | 8 | 7 | 2 | 4-6 | 7-8 | 1500 | 1023.3 | +8 | E | 4 | 50 | 85 | 8 | 5 | 7 | 2-3 | 4-6 | 2500 | 1 | 2 | ci | ci | bcm | bxc | | |
| 16 | Lerwick... | 1021.9 | 0 | NE | 5 | 48 | 97 | 7 | 8 | 7 | 7-8 | 9 | 450 | 1024.6 | +10 | E | 4 | 47 | 97 | 6 | 8 | 2 | 7-8 | 10 | 450 | 1 | * | ci | ci | bcm | bxc | | | |
| 17 | Blacksod Point... | 1013.7 | -10 | NE | 3 | 47 | 75 | 8 | 9 | - | 3 | 4-6 | 7-8 | 800 | 1018.4 | -6 | N | 3 | 48 | 85 | 8 | 9 | - | 10 | 10 | 800 | * | 1 | ci | ci | bcm | bxc | | |
| 18 | Malin Head ... | 1018.9 | -10 | NE | 4 | 49 | 85 | 8 | 8 | - | 7-8 | 7-8 | 5700 | 1019.5 | +8 | NNE | 4 | 50 | 65 | 8 | 4 | - | 4-6 | 4-6 | 5700 | 0 | 3 | ci | ci | bcm | bxc | | | |
| | Aldergrove ... | 1017.8 | -6 | N | 2 | 47 | 75 | 9 | 5 | - | 9 | 9 | 4000 | 1017.4 | +2 | NNE | 4 | 47 | 65 | 8 | 5 | 7 | 7-8 | 10 | 2500 | 1 | * | ci | ci | bcm | bxc | | | |
| 19 | Birr Castle ... | 1017.8 | -4 | NNW | 2 | 42 | 75 | 7 | 5 | 1 | 4-6 | 7-8 | 2500 | 1016.2 | -6 | NNW | 1 | 44 | 75 | 8 | 5 | 7 | 7-8 | 9 | 2500 | 0 | * | ci | ci | bcm | bxc | | | |
| 20 | Valentia Obsy. † | 1018.5 | -8 | NE | 4 | 45 | 65 | 9 | 7 | 7 | 1 | 1 | 9 | 4000 | 1017.3 | -6 | NE | 4 | 44 | 65 | 9 | 7 | 4 | 2-3 | 4-6 | 4000 | 0 | 2 | ci | | | | | |

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION
AND SYMBOLS FOR WEATHER.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 30th October 1939.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th October, 1939 |
|-------------------------------------|--|
| 1 S.E. England | Wind veering southeast, moderate to light, freshening tomorrow; mainly cloudy; a few showers; more general rain near the South coast at first; brighter intervals later; cold. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | Wind northeast to east, strong to gale on parts of the coast, fresh inland; cloudy or dull; occasional rain; cold. |
| 5 S.W. England ... | |
| 6 South Wales ... | |
| 7 North Wales ... | Wind easterly, moderate, fresh locally on the coast; mainly cloudy; local rain at first; cold. |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | Wind northeast to east, moderate to fresh locally; cloudy; occasional rain, mostly slight in the West; rather cold. |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A.W.Scotld. B.N.W.Scotland. | Wind mainly northeast, moderate; cloudy and brighter periods; rather cold. |
| 14 Mid Scotland | |
| 15 N.E. Scotland | |
| 16 Orkneys and Shetlands | Wind northeast, fresh, strong to gale near southern coasts; becoming cloudy or dull with occasional rain especially in the South; cold. |
| 17 N.W. Ireland | |
| 18 N.E. Ireland | |
| 19 S.E. Ireland | |
| 20 S.W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. - For explanation see opposite page.
SEA DISTURBANCE. ~~~~~ Rough. ~~~~~ High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone is stationary between Scotland and Iceland. A depression off the Scilly Isles is moving slowly northeast and a larger system over Spain and Portugal will move northnortheast. Weather will continue cold and unsettled with some rain in southwestern districts and in many northern areas.

FURTHER OUTLOOK.

Unsettled in the southern half of the British Isles, but becoming milder.

North Cane hoisted 0810 on 30th October 1939

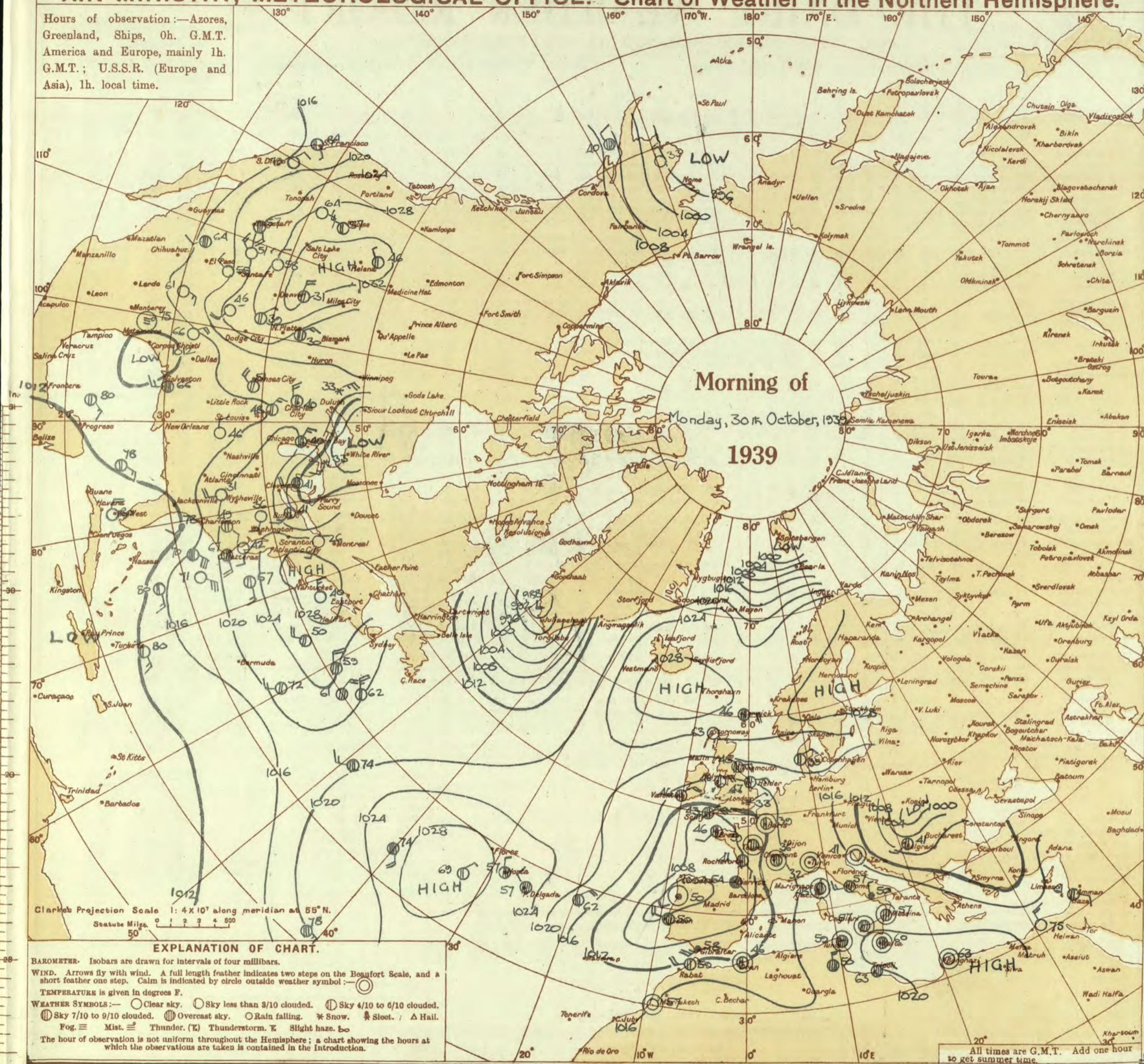
Forecasts issued at 1000 G.M.T.

N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 30th October 1939

No. 28466

| OBSERVATIONS at 1 hr. G.M.T. 30th October..... | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 30th October..... | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|--|---------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|------------|--------|---------|------------------------|--|--------|-----------------------|--------------------|-------|---------|----------|-----------|----------|------------|------------------------|---------------------|-----------------------|-------------------|----------------|------------------|------|------------------|------|------|-----------|-----------|---------------|-------------|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | | | State of Ground. | Sea. | TEMPERATURE. | | | RAINFALL. | | SUNSHINE Hrs. | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | Direc. | Force. | | | Form. | Amount. | | | | | Height of Base (feet). | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. on Grass °F. | Day 7h-18h mm. | | | Night 18h-7h mm. | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High. | Low 0-10. | | Total 0-10. |
| 1 | London (Kew) | 118 | * | * | * | * | * | * | * | * | * | * | * | 1015.7 | +10 | E/N | 3 | 3 | 38 | 85 | 5 | 3 | - | - | 4-6 | 4-6 | 2500 | 1 | * | 45 | 35 | 25 | 2 | 0.4 | 0.0 | | |
| | Croydon | 217 | 1015.3 | +12 | E/N | 1 | 33 | 37 | 4 | * | * | * | * | 1015.4 | +14 | E/N | 2 | 3 | 34 | 97 | 4 | 5 | 4 | - | 2-3 | 4-6 | 4000 | 1 | * | 45 | 30 | 22 | 2 | 0.3 | 0.0 | | |
| | S. Farnborough | 226 | 1012.8 | +10 | E/N | 2 | 35 | 32 | 6 | * | * | * | * | 1014.6 | +10 | E/N | 3 | 3 | 34 | 97 | 5 | 5 | 4 | - | 10 | 10 | 2500 | 1 | * | 43 | 31 | 27 | 2 | Tr | 0.0 | | |
| | Boscombe Down | 417 | 1012.2 | +8 | E/N | 3 | 35 | 32 | 6 | * | * | * | * | 1013.7 | +10 | E/N | 4 | 3 | 36 | 75 | 5 | 5 | 2 | - | 9 | 10 | 1500 | 1 | * | 42 | 38 | 31 | 2 | 1 | 0.0 | | |
| | Calshot (Stmntn.) | 8 | 1011.0 | +10 | E/N | 4 | 39 | 85 | 6 | 2 | 6 | - | - | 1012.7 | +12 | E/N | 5 | 5 | 40 | 85 | 5 | 5 | 2 | - | 9 | 10 | 800 | 1 | 3 | 46 | 38 | 36 | 1 | 1 | 0.0 | | |
| | Lympe | 346 | 1013.8 | +14 | ESE | 3 | 39 | 75 | 6 | 2 | 6 | - | - | 1016.8 | +18 | ESE | 5 | 5 | 40 | 85 | 6 | 5 | - | - | 10 | 10 | 800 | 1 | 3 | 44 | 38 | 33 | 2 | Tr | 3.0 | | |
| | Manston | 154 | 1013.3 | +14 | ESE | 2 | 41 | 75 | 6 | 8 | - | - | - | 1016.8 | +22 | ESE | 3 | 3 | 42 | 85 | 6 | 5 | - | - | 9 | 9 | 1500 | 1 | * | 46 | 38 | 35 | 1 | 0.6 | 2.4 | | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | * | 1016.4 | +20 | ESE | 4 | 4 | 42 | 75 | 8 | 5 | 7 | - | 9 | 9 | 1500 | 1 | * | 47 | 36 | 31 | 2 | 2 | 0.3 | | |
| | Felixstowe | 15 | 1013.0 | +8 | ESE | 4 | 44 | 75 | 6 | 8 | 2 | 1 | 7 | 1500 | 1016.7 | +22 | ESE | 3 | 44 | 75 | 7 | 7 | - | - | 4-6 | 4-6 | 2500 | 1 | 3 | 46 | 40 | 4 | 0.6 | 0.1 | | | |
| | Gorleston | 5 | 1014.1 | +8 | ESE | 5 | 46 | 65 | 6 | 8 | 2 | 1 | 7 | 2500 | 1017.0 | +20 | ESE | 5 | 46 | 75 | 7 | 8 | - | - | 9 | 9 | 2500 | 0 | 3 | 47 | 45 | 4.4 | 0.3 | 1 | * | | |
| | Mildenhall | 19 | 1014.7 | +6 | ESE | 0 | 35 | 37 | 6 | 8 | 3 | - | 7-8 | 9 | 2500 | 1017.4 | +22 | ESE | 2 | 37 | 37 | 6 | 5 | 4 | 6 | 4-6 | 7-8 | 4000 | 1 | * | 47 | 34 | 30 | 5 | 3 | 0.7 | |
| | Cranwell | 240 | 1013.7 | +10 | ESE | 7 | 38 | 85 | 6 | 7 | 9 | 9 | 8 | 4 | - | 1017.6 | +14 | ESE | 1 | 35 | 92 | 6 | 5 | 3 | 1 | Tr | 2-3 | 4000 | 1 | * | 34 | 29 | 9 | 0.6 | 1.1 | | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | * | 1017.1 | +10 | ESE | 3 | 3 | 36 | 92 | 4 | - | 5 | - | 0 | 2-3 | - | 1 | * | 42 | 35 | 30 | 5 | - | 0.0 | | |
| | Upper Heyford | 408 | 1014.4 | +12 | ESE | 3 | 36 | 92 | 6 | 4 | 4 | 4 | 4 | 2500 | 1016.2 | +16 | ESE | 2 | 35 | 97 | 6 | - | 4 | 6 | 0 | 0 | - | 1 | * | 42 | 35 | 30 | 2 | 0.1 | 0.0 | | |
| 4 | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | * | * | 1015.2 | +8 | ESE | 2 | 3 | 36 | 92 | 6 | 5 | - | 1 | 7-8 | 8 | 1 | * | 43 | 34 | 30 | 3 | - | 0.0 | | | |
| 5 | Hartland Point | 299 | 1008.2 | +6 | ESE | 6 | 44 | 75 | 8 | 8 | 6 | - | 4-6 | 7-8 | 2500 | 1008.7 | -4 | ESE | 7 | 41 | 85 | 8 | 9 | 1 | - | 7-8 | 9 | 1500 | 1 | 4 | 47 | 40 | 38 | 3 | 1 | 0.3 | |
| | Bristol | 209 | 1012.4 | +2 | ESE | 3 | 36 | 37 | 8 | 8 | 6 | - | 4-6 | 4-6 | 4000 | 1014.3 | +10 | ESE | 3 | 34 | 37 | 6 | 5 | 7 | 1 | 4-6 | 4-6 | 2500 | 1 | * | 44 | 33 | 23 | 3 | - | 0.0 | |
| | Portland Bill | 32 | 1017.3 | -2 | ESE | 5 | 40 | 92 | 7 | 5 | 7 | - | 7-8 | 10 | 4000 | 1009.5 | +4 | ESE | 4 | 32 | 7 | 6 | - | - | 10 | 10 | 1500 | 1 | 5 | 44 | 38 | 2 | 2 | 2 | 0.0 | | |
| | Plymouth | 82 | 1007.8 | -2 | ESE | 5 | 45 | 55 | 6 | 4 | 8 | - | 7-8 | 10 | 1500 | 1008.5 | +8 | ESE | 4 | 40 | 92 | 6 | 9 | - | - | 10 | 10 | 1500 | 1 | 3 | 48 | 40 | 38 | 0.3 | 4 | 2.0 | |
| | The Lizard | 240 | 1006.3 | -4 | ESE | 6 | 48 | 92 | 7 | 2 | - | - | 7-8 | 10 | 1500 | 1004.7 | -8 | ESE | 7 | 43 | 92 | 7 | 8 | 2 | - | 7-8 | 10 | 1500 | 1 | 4 | 49 | 41 | * | 1 | 8 | 1.2 | |
| | Scilly (St. Mary's) | 163 | 1007.7 | +6 | ESE | 5 | 48 | 97 | 6 | 5 | - | - | 10 | 10 | 1500 | 1008.0 | +6 | ESE | 3 | 46 | 85 | 7 | 8 | 3 | - | 4-6 | 10 | 1500 | 1 | 3 | 48 | 42 | 40 | - | 9 | 0.1 | |
| | Guernsey | 175 | 1006.2 | +2 | ESE | 5 | 48 | 75 | 6 | 5 | - | - | 10 | 10 | 1500 | 1008.0 | +6 | ESE | 3 | 46 | 85 | 7 | 8 | 3 | - | 4-6 | 10 | 1500 | 1 | 3 | 48 | 42 | 40 | - | 9 | 0.1 | |
| 6 | Pembroke | 142 | 1012.7 | +6 | ESE | 4 | 41 | 85 | 8 | - | - | - | 0 | 0 | - | 1012.0 | +2 | ESE | 6 | 39 | 85 | 7 | 5 | - | - | 2-3 | 2-3 | 2500 | 1 | 2 | 48 | 38 | * | 0.6 | - | 0.7 | |
| 7 | Holyhead | 26 | 1015.4 | +10 | ESE | 4 | 46 | 75 | 7 | 5 | - | - | 4-6 | 4-6 | - | 1016.0 | +4 | ESE | 4 | 45 | 97 | 7 | 8 | - | - | 3-3 | 2-3 | 2500 | 1 | 2 | 50 | 43 | 39 | 1 | Tr | 0.1 | |
| | Chester (Sealand) | 16 | 1016.1 | +8 | ESE | 1 | 38 | 32 | 5 | 5 | - | - | 4-6 | 4-6 | 4000 | 1017.1 | +6 | ESE | 2 | 37 | 92 | 4 | 8 | - | - | 4-6 | 4-6 | 4000 | 3 | * | 45 | 31 | 26 | 1 | Tr | 0.0 | |
| 8 | Manchester | 70 | 1016.2 | +8 | ESE | 3 | 48 | 75 | 8 | 7 | 8 | 8 | 8 | 8 | - | 1017.1 | +10 | ESE | 3 | 41 | 85 | 4 | 5 | - | - | 1 | 1 | 2500 | 1 | * | 47 | 39 | 30 | 1 | 0.1 | 0.0 | |
| 10 | Spurn Head | 29 | 1016.0 | +6 | ESE | 4 | 47 | 65 | 6 | 1 | - | - | 0 | 10 | - | 1017.3 | +10 | ESE | 5 | 47 | 65 | 6 | 8 | 8 | - | 4-6 | 7-8 | 1500 | 0 | 4 | 48 | 46 | * | 7 | - | 0.3 | |
| | Catterick | 175 | 1018.2 | +6 | ESE | 4 | 48 | 92 | 7 | 8 | 7 | - | 7-8 | 10 | 1500 | 1019.1 | +6 | ESE | 2 | 43 | 92 | 8 | 5 | 3 | - | 7-8 | 9 | 1500 | 1 | * | 46 | 42 | 38 | 1 | 2 | 0.0 | |
| | Tynemouth | 108 | 1019.2 | +6 | ESE | 5 | 48 | 85 | 7 | 8 | - | - | 9 | 9 | 2500 | 1020.2 | +6 | ESE | 5 | 48 | 85 | 7 | 6 | - | - | 10 | 10 | 1500 | 1 | 4 | 49 | 46 | 43 | 1 | 4 | * | |
| 11 | St. Abbs Head | 280 | 1020.9 | +4 | ESE | 4 | 47 | 92 | 8 | 2 | - | 7-8 | 10 | 1500 | 1022.4 | +10 | ESE | 4 | 46 | 85 | 8 | 2 | - | - | 7-8 | 10 | 2500 | 1 | 4 | 48 | 45 | * | 0.2 | 2 | * | | |
| | Leuchars | 36 | 1022.4 | +10 | ESE | 4 | 48 | 97 | 7 | 6 | 2 | - | 9 | 10 | 1500 | 1023.6 | +10 | ESE | 4 | 48 | 85 | 7 | 5 | - | - | 10 | 10 | 2500 | 1 | * | 50 | 45 | 43 | 0.4 | 4 | 0.1 | |
| 12 | Renfrew (Abbots L.) | 19 | 1021.8 | +6 | ESE | 2 | 47 | 85 | 8 | 5 | - | - | 9 | 9 | 2500 | 1022.3 | +6 | ESE | 4 | 46 | 92 | 7 | 5 | 2 | - | 9 | 10 | 1500 | 1 | * | 51 | 45 | 41 | Tr | 0.2 | 2.1 | |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1020.3 | +2 | ESE | 4 | 43 | 92 | 8 | 6 | - | - | 10 | 10 | 800 | 1 | * | 46 | 42 | 41 | 0.3 | 2 | 0.0 | |
| | Point of Ayre | 30 | 1018.0 | -8 | ESE | 5 | 49 | 85 | 7 | 8 | 1 | - | 7-8 | 10 | 1500 | 1018.3 | +2 | ESE | 4 | 48 | 85 | 7 | 8 | 1 | - | 7-8 | 10 | 1500 | 1 | 3 | 50 | 47 | * | - | 0.5 | 0.0 | |
| 13A | Tiree | 22 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1022.5 | +2 | ESE | 4 | 47 | 75 | 8 | 7 | 4 | - | 2-3 | 4-6 | 4000 | 0 | 3 | 53 | 44 | 39 | - | - | 2.9 | |
| 13B | Stornoway | 80 | 1025.8 | +8 | * | 0 | 43 | 85 | 8 | 5 | - | - | Tr | Tr | 4000 | 1026.8 | +8 | ESE | 3 | 48 | 85 | 8 | 5 | - | - | 1 | 1 | 4000 | 1 | 2 | 49 | 42 | * | 0.6 | - | 0.0 | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1025.6 | +6 | ESE | 3 | 40 | 85 | 7 | | | | | | | | | | | | | | | |

PAST 24 HOURS.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

CLOUD.

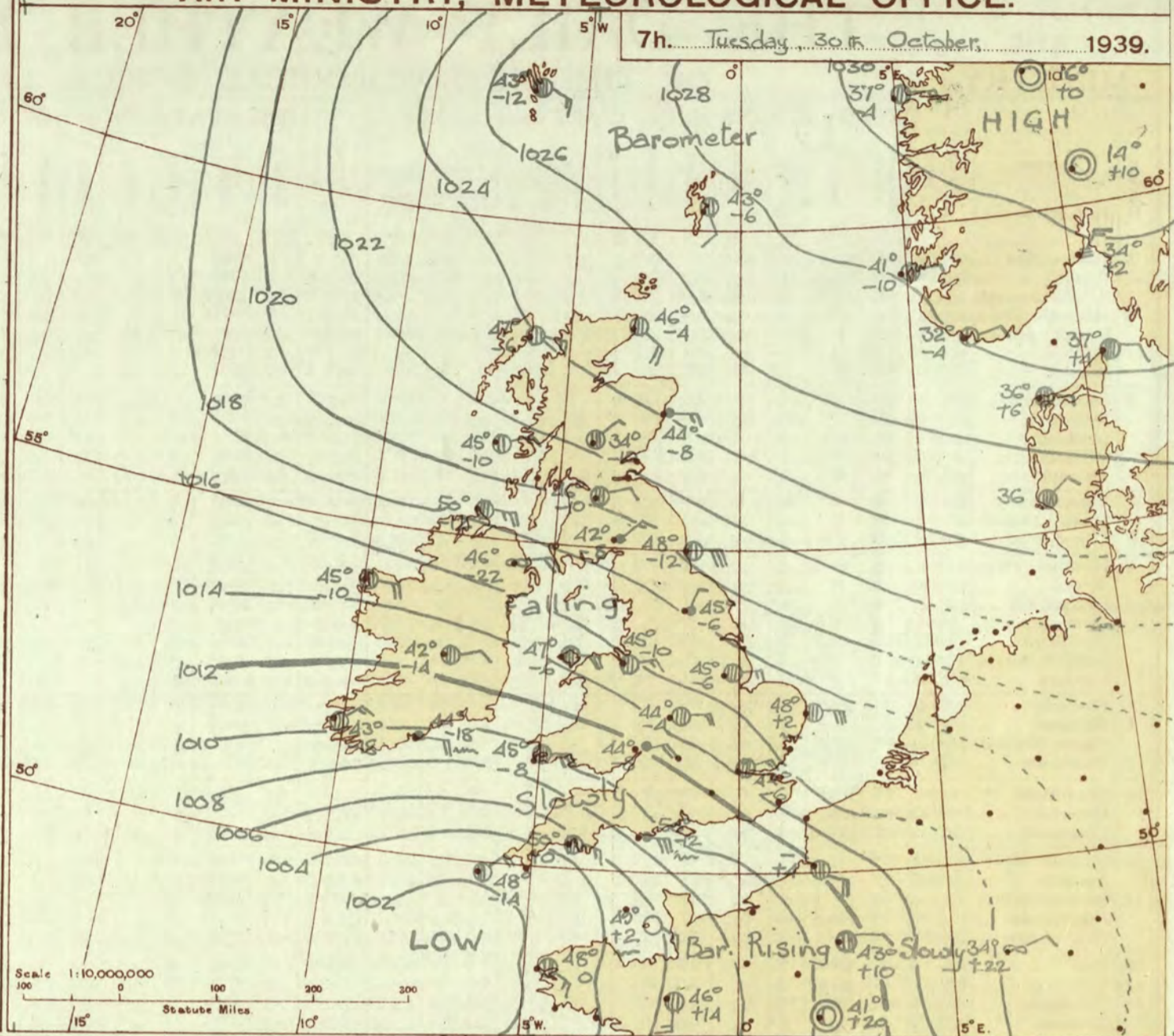
- 0 No cirriform cloud.
- 1 Fine Ci not increasing: sparse.
- 2 Fine Ci not increasing: abundant but not a continuous layer.
- 3 Anvil Ci (usually dense).
- 4 Fine Ci increasing: usually in tufts.
- 5 Ci or Cs increasing: still below 45° altitude: often in polar bands.
- 6 Ci or Cs increasing and reaching 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 cirrus.

(Cc may occur with any of the types 1 to 8).

NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday, 30th October, 1939.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 31st October, 1939. |
|--|---|
| 1 S.E. England | Wind veering southeast, moderate; cloudy, some rain at first, brighter periods spreading from the south; milder. |
| 2 E. England ... | Wind east, fresh, strong locally on the coast; cloudy, some occasional light rain; rather cold, becoming milder later. |
| 3 E. Midlands ... | Wind east, fresh, veering southeast, decreasing later; dull; rain today; fairer tomorrow; becoming milder. |
| 4 W. Midlands ... | Wind southeast, moderate or fresh; occasional rain or showers; some bright periods; rather mild. |
| 5 S.W. England | Wind east, fresh, strong locally on coast, moderating later; becoming dull, rainy; fairer periods tomorrow; rather cold, becoming milder later. |
| 6 South Wales ... | Wind east to southeast, light, freshening slowly; cloudy; some light rain or drizzle locally; rather cold. |
| 7 North Wales ... | Wind east, moderate or fresh, veering slowly; fair at first; becoming dull, rainy; becoming gradually milder. |
| 8 N.W. England | As 10 - 11. |
| 9 N. Midlands ... | Wind east, fresh to strong locally on the coast, slowly veering southeast; cloudy; rain spreading from the south; fairer periods tomorrow, but with showers; becoming mild generally. |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 { A.W.Scotld. B.N.W.Scot- land. | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |

BAROMETER. Isobars are drawn for intervals of two millibars.
WIND, WEATHER SYMBOLS. For explanation see opposite page.
SEA DISTURBANCE. Rough. High.
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

GENERAL INFERENCE.

An anticyclone persists over Scandinavia, but tends to drift southeast. A depression off Brittany and an associated trough over the English Channel will both move northnorthwest. A period of rain will spread from southern England to the Midlands and all western districts and there will be local rain in the Northeast. Fairer conditions will spread to the South and East of England with a noticeable rise in temperature.

FURTHER OUTLOOK.

Unsettled; rather mild in most districts.

GALE WARNING.

North Cone hoisted at 14.30 G.M.T. 30/10/39 in districts, 2,7,8,12, and parts of 6,18 and 19.

Forecasts issued at 1100 G.M.T.

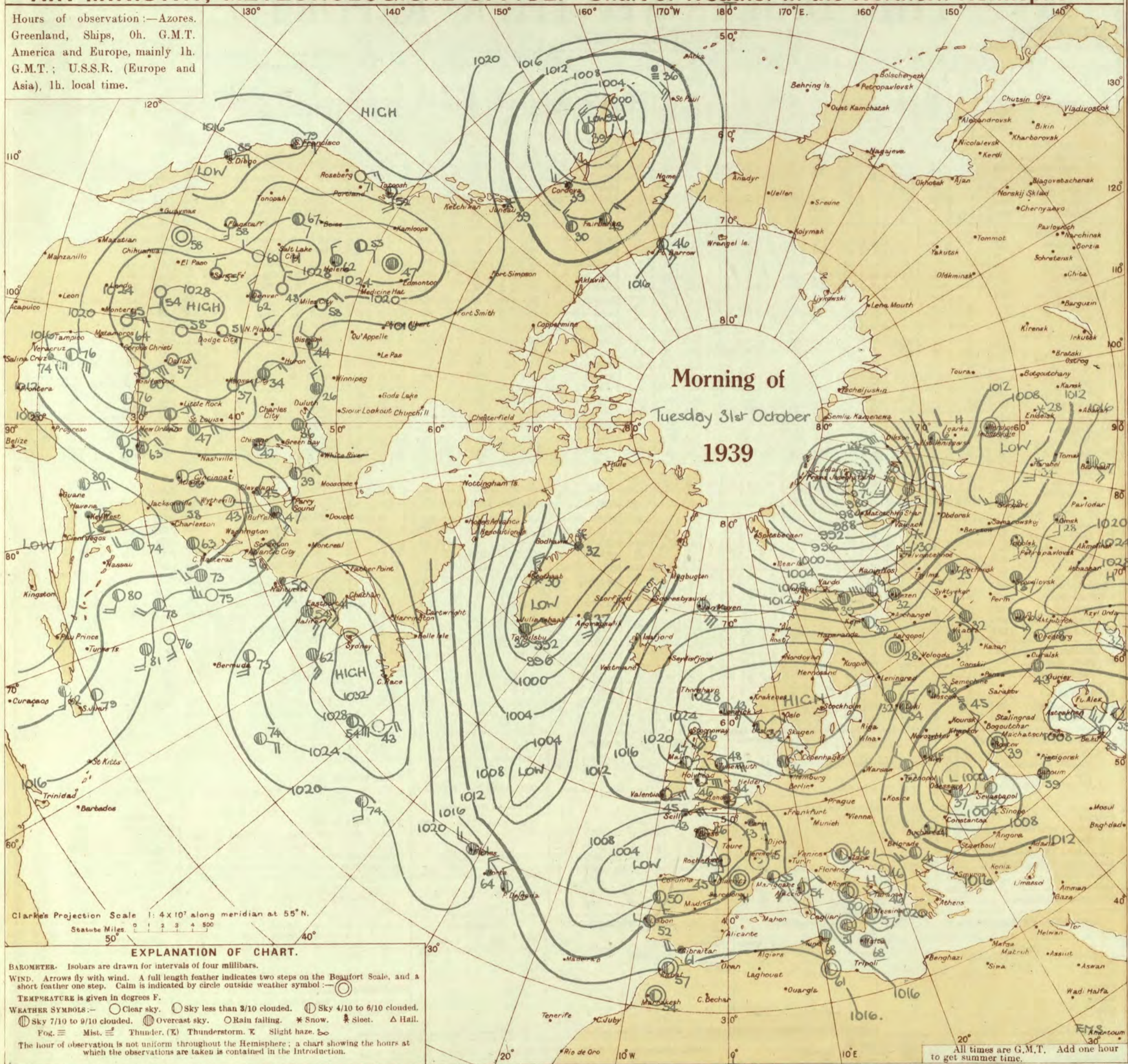
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1.

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AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Hours of observation:—Azores, Greenland, Ships, Oh. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 3:57 October 1933 | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 3:57 October 1933 | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|--|-----------------------------|------------------------------|----------------------|--------------------|--------|--------|----------|-----------|----------|------------|--------|---------|------------------------|--|--------|----------------------|--------------------|-------|---------|----------|-----------|----------|------------|------------------------|---------------------|-----------------------|-------------------|----------------|------------------|------|------------------|------|-----------|-------|---------------|------|------|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | | | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. % | Visiblity. | Cloud. | | | | | State of Ground. | Sea. | TEMPERATURE. | | RAINFALL. | | SUNSHINE Hrs. | | |
| | | | | | Direc. | Force. | | | | | Form. | Amount. | Height of Base (feet). | Direc. | Force. | | | Form. | Amount. | | | | | Height of Base (feet). | Max. Day 7h-18h °F. | Min. Night 18h-7h °F. | Min. or Grass °F. | Day 7h-18h mm. | | | Night 18h-7h mm. | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High. | | Low. | Med. |
| 1 | London (Kew) ... 18 | 217 | 30.0 | -14 | E | 4 | 44 | 85 | 5 | 7-8 | 10 | 4000 | 1012.7 | -2 | E | 4 | 47 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 2500 | 1 | * | 49 | 44 | 39 | - | Tr | 4.2 | | | | |
| | Croydon ... 217 | 226 | 30.0 | -14 | E | 4 | 44 | 85 | 5 | 7-8 | 10 | 4000 | 1012.7 | -2 | E | 4 | 47 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 2500 | 1 | * | 48 | 41 | 38 | - | Tr | 4.0 | | | | |
| | S. Farnborough ... 226 | 417 | 30.0 | -14 | E | 4 | 44 | 85 | 5 | 7-8 | 10 | 4000 | 1012.7 | -2 | E | 4 | 47 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 2500 | 1 | * | 49 | 41 | 39 | 0.6 | 2 | 5.1 | | | | |
| | Boscombe Down ... 417 | 8 | 30.1 | -22 | E | 5 | 47 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 2500 | 1009.3 | -2 | E | 5 | 46 | 82 | 6 | 5 | 2 | - | 7-8 | 10 | 800 | 1 | 4 | 51 | 44 | 43 | 1 | 6.1 | | |
| | Calshot (St. Mary's) ... 8 | 346 | 30.1 | -22 | E | 5 | 47 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 2500 | 1009.3 | -2 | E | 5 | 46 | 82 | 6 | 5 | 2 | - | 7-8 | 10 | 800 | 1 | 4 | 49 | 42 | 41 | 0.1 | 6.0 | | |
| | Lymington ... 346 | 154 | 30.1 | -14 | E | 4 | 46 | 75 | 6 | 5 | 2 | - | 7-8 | 10 | 2500 | 1014.4 | +4 | E | 4 | 44 | 85 | 6 | 5 | 3 | - | 9 | 9 | 4000 | 1 | * | 49 | 44 | 41 | - | - | 6.1 | |
| | Manston ... 154 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Shoeburyness ... 11 | 15 | 30.1 | -10 | E | 4 | 47 | 75 | 6 | 5 | 2 | - | 4-6 | 10 | 2500 | 1015.2 | -2 | E | 5 | 47 | 75 | 7 | 3 | - | 4-6 | 10 | 2500 | 1 | 4 | 49 | 46 | 43 | - | - | 5.0 | | |
| | Felixstowe ... 15 | 5 | 30.1 | -12 | E | 6 | 48 | 85 | 6 | 5 | 2 | - | 4-6 | 10 | 2500 | 1017.6 | -2 | E | 6 | 48 | 75 | 6 | 5 | 3 | - | 10 | 10 | 2500 | 0 | 4 | 48 | 46 | 44 | - | - | 4.6 | |
| | Gorleston ... 5 | 19 | 30.1 | -10 | E | 4 | 48 | 85 | 6 | 5 | 2 | - | 4-6 | 10 | 2500 | 1015.6 | -2 | E | 4 | 48 | 85 | 7 | 5 | 3 | - | 10 | 10 | 2500 | 0 | * | 48 | 42 | 36 | - | 6 | 4.6 | |
| | Mildenhall ... 19 | 240 | 30.1 | -10 | E | 4 | 48 | 85 | 6 | 5 | 2 | - | 4-6 | 10 | 2500 | 1017.1 | -6 | E | 3 | 45 | 85 | 7 | 5 | - | 9 | 9 | 2500 | 0 | * | 46 | 39 | 35 | - | - | 4.6 | | |
| | Cranwell ... 240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Birmingham ... 535 | 408 | 30.1 | -14 | E | 4 | 42 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 2500 | 1014.6 | -4 | E | 4 | 44 | 85 | 6 | 6 | - | 10 | 10 | 450 | 1 | * | 45 | 40 | 36 | - | 2 | 2.7 | | |
| | Upper Heyford ... 408 | 223 | 30.1 | -14 | E | 4 | 42 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 2500 | 1014.6 | -4 | E | 4 | 44 | 85 | 6 | 6 | - | 10 | 10 | 450 | 1 | * | 47 | 39 | 34 | - | 2 | 2.8 | | |
| | Ross-on-Wye ... 223 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Hartland Point ... 299 | 209 | 30.0 | -16 | E | 7 | 45 | 85 | 7 | 6 | 1 | - | 4-6 | 10 | 1500 | 1005.2 | -10 | E | 7 | 45 | 85 | 7 | 8 | 2 | - | 7-8 | 9 | 1500 | 0 | 4 | 49 | 44 | 42 | Tr | 0.3 | 3.1 | |
| | Bristol ... 209 | 32 | 30.1 | -18 | E | 4 | 45 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 1500 | 1010.2 | -8 | E | 4 | 43 | 82 | 6 | 5 | 2 | - | 9 | 10 | 1500 | 1 | * | 48 | 41 | 36 | 0.3 | 1 | 3.6 | |
| | Portland Bill ... 32 | 82 | 30.0 | -20 | E | 6 | 49 | 92 | 7 | 5 | - | - | 10 | 10 | 2500 | 1006.5 | -12 | E | 6 | 50 | 92 | 7 | 5 | - | 10 | 10 | 2500 | 1 | 5 | 51 | 46 | 42 | 13 | 10 | 2.3 | | |
| | Plymouth ... 82 | 240 | 30.0 | -20 | E | 6 | 49 | 92 | 7 | 5 | - | - | 10 | 10 | 1500 | 1004.5 | 0 | E | 6 | 50 | 92 | 7 | 5 | - | 10 | 10 | 1500 | 1 | 3 | 52 | 45 | 42 | 11 | 5 | 2.3 | | |
| | The Lizard ... 240 | 163 | 30.0 | -20 | E | 7 | 48 | 97 | 7 | 5 | - | - | 10 | 10 | 1500 | 1003.2 | -20 | E | 4 | 49 | 97 | 8 | 8 | 2 | - | 9 | 10 | 1500 | 1 | 3 | 53 | 46 | 42 | 3 | 27 | 3.3 | |
| | Scilly (St. Mary's) ... 163 | 175 | 30.0 | -8 | E | 6 | 49 | 97 | 7 | 5 | - | - | 10 | 10 | 1500 | 1002.4 | -14 | E | 6 | 48 | 97 | 7 | 8 | 2 | - | 7-8 | 10 | 1500 | 1 | 3 | 52 | 46 | 42 | 7 | 4 | 2.1 | |
| | Guernsey ... 175 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Pembroke ... 142 | 26 | 30.1 | -10 | E | 4 | 45 | 85 | 7 | 5 | 2 | - | 7-8 | 10 | 1500 | 1008.0 | -8 | E | 4 | 45 | 85 | 6 | 5 | - | 10 | 10 | 1500 | 1 | 3 | 48 | 43 | 41 | - | Tr | 6.7 | | |
| | Holyhead ... 26 | 16 | 30.1 | -18 | E | 4 | 45 | 85 | 7 | 5 | 2 | - | 7-8 | 10 | 1500 | 1014.1 | -6 | E | 4 | 47 | 85 | 6 | 5 | 3 | - | 4-6 | 9 | 2500 | 1 | 4 | 48 | 45 | 41 | - | Tr | 5.5 | |
| | Chester (Sealand) ... 16 | 70 | 30.1 | -18 | E | 4 | 45 | 85 | 7 | 5 | 2 | - | 7-8 | 10 | 1500 | 1015.3 | -10 | E | 4 | 45 | 85 | 6 | 5 | 3 | - | 7-8 | 9 | 2500 | 0 | * | 47 | 37 | 29 | - | Tr | 2.3 | |
| | Manchester ... 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Spurn Head ... 29 | 175 | 30.2 | -8 | E | 4 | 48 | 75 | 7 | 4 | 6 | - | 4-6 | 7-8 | 2500 | 1013.5 | -6 | E | 4 | 48 | 75 | 6 | 6 | - | 10 | 10 | 800 | 1 | * | 50 | 36 | 27 | - | 1 | 3.1 | | |
| | Catterick ... 175 | 108 | 30.2 | -8 | E | 4 | 48 | 75 | 7 | 4 | 6 | - | 4-6 | 7-8 | 2500 | 1020.8 | -12 | E | 4 | 48 | 75 | 6 | 6 | - | 10 | 10 | 1500 | 1 | 3 | 50 | 47 | 43 | 2 | 4 | 3.1 | | |
| | Tynemouth ... 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | St. Abbs Head ... 280 | 36 | 30.2 | -12 | E | 4 | 47 | 85 | 8 | 4 | 6 | - | 7-8 | 9 | 2500 | 1021.1 | -14 | E | 4 | 47 | 85 | 8 | 4 | 6 | - | 7-8 | 9 | 1500 | 1 | 3 | 49 | 45 | 42 | 0.5 | 0.1 | 0.0 | |
| | Leuchars ... 36 | 19 | 30.2 | -10 | E | 3 | 47 | 85 | 8 | 5 | 7 | - | 9 | 10 | 1500 | 1022.7 | -6 | E | 3 | 46 | 85 | 7 | 5 | - | 9 | 9 | 2500 | 1 | * | 48 | 45 | 42 | 3 | 1 | 0.4 | | |
| | Renfrew (Abbots I.) ... 19 | 794 | 30.2 | -6 | E | 0 | 40 | 97 | 2 | 4 | - | - | 9 | 9 | 4000 | 1021.3 | -10 | E | 2 | 46 | 85 | 7 | 5 | - | 9 | 9 | 2500 | 1 | * | 49 | 37 | 32 | 1 | Tr | 0.4 | | |
| | Eskdalemuir ... 794 | 30 | 30.2 | -4 | E | 5 | 48 | 75 | 7 | 5 | - | - | 4-6 | 4-6 | 2500 | 1020.3 | -8 | E | 3 | 42 | 85 | 7 | 5 | - | 10 | 10 | 800 | 1 | * | 49 | 37 | 32 | 1 | Tr | 3.7 | | |
| | Point of Ayre ... 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13A | Tiree ... 22 | 80 | 30.2 | -4 | E | 3 | 46 | 85 | 8 | 5 | - | - | Tr | Tr | 4000 | 1020.5 | -10 | E | 3 | 47 | 75 | 8 | 5 | 3 | - | 4-6 | 7-8 | 4000 | 1 | 2 | 51 | 45 | 42 | - | - | 6.2 | |
| | Stornoway ... 80 | 1176 | 30.2 | -4 | E | 3 | 46 | 85 | 8 | 5 | - | - | Tr | Tr | 4000 | 1023.9 | -10 | E | 3 | 47 | 75 | 8 | 5 | 3 | - | 4-6 | 7-8 | 4000 | 0 | * | 47 | 33 | 27 | - | - | 2.6 | |
| | Dalwhinnie ... 1176 | 79 | 30.2 | -8 | E | 3 | 48 | 75 | 7 | 8 | 6 | - | 4-6 | 9 | 1500 | 1024.2 | -8 | E | 3 | 46 | 65 | 8 | 5 | 7 | - | 7-8 | 9 | 2500 | 1 | 2 | 52 | 44 | 40 | Tr | 0.2 | 0.4 | |
| | Aberdeen ... 79 | 81 | 30.2 | -8 | E | 3 | 48 | 75 | 7 | 8 | 6 | - | 4-6 | 9 | 1500 | 1025.2 | -4 | E | 3 | 46 | 65 | 8 | 5 | 7 | - | 7-8 | 9 | 2500 | 1 | 2 | 52 | 44 | 40 | Tr | 0.2 | 0.4 | |
| | Wick ... 81 | 156 | 30.2 | -12 | E | 2 | 43 | 97 | 7 | 8 | 2 | - | 7-8 | 10 | 800 | 1026.9 | -6 | E | 2 | 4 | | | | | | | | | | | | | | | | | |