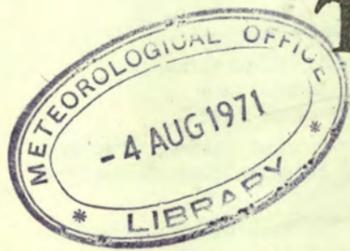


DUPLICATE

THE DAILY WEATHER REPORT



BRITISH SECTION

1st July to 30th September

1941



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 5 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 certain 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 Auxiliary Stations the positions of which are shown in the Map on p. III.

(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.) 30° E. to 40° W.	7h. local time.
40° W. to 170° W.	6h. or 7h. G.M.T. (Azores 8h.) 0h. 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.) 30° E. to 170° W.	7h. local time. 0h. 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 5 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.

* Data available for publication under war conditions are necessarily incomplete.

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.

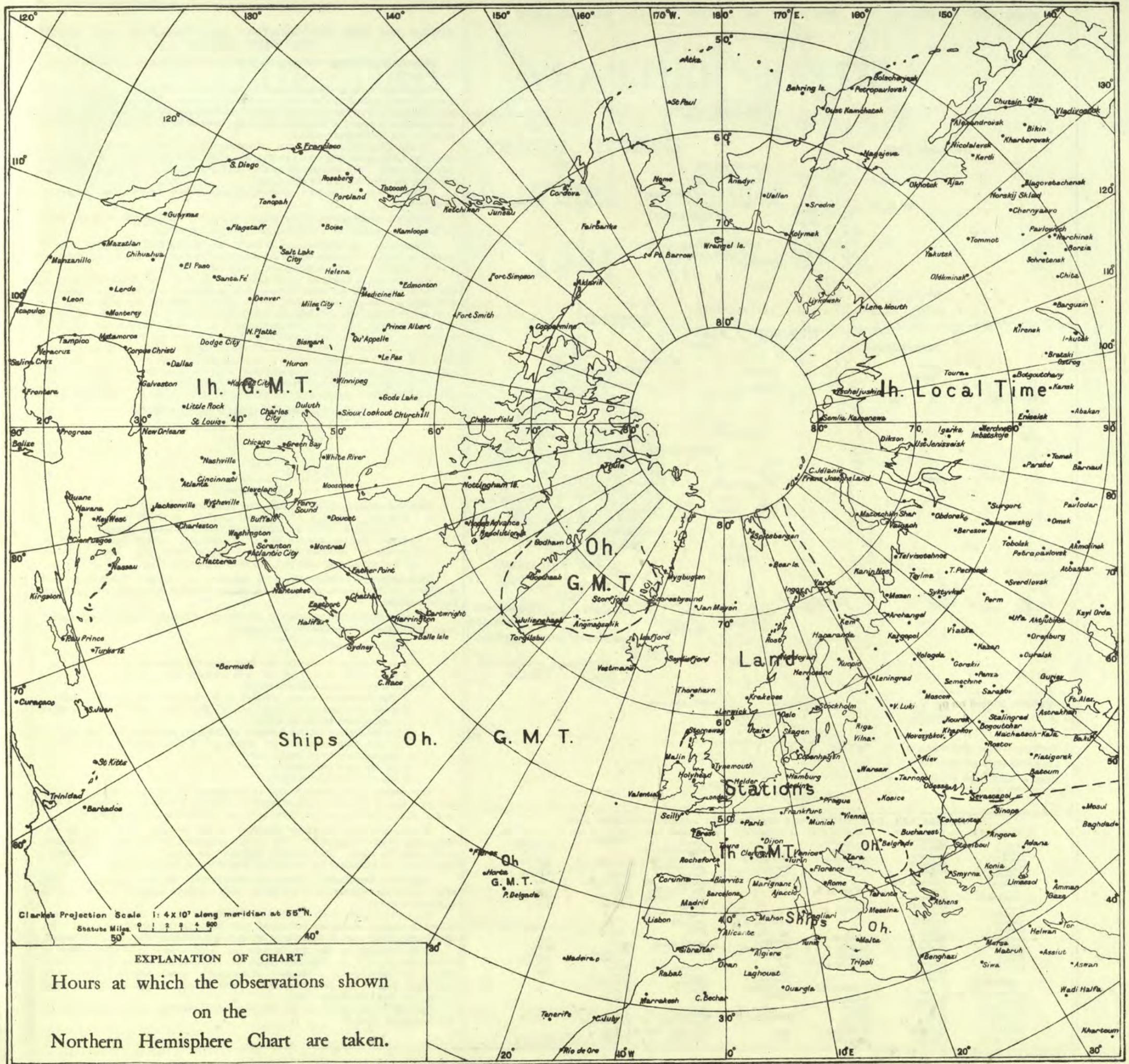
The districts to which warnings are sent are shown in the Report by the following symbols written on page 2 against the forecast districts to which they apply:—

▲ 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.

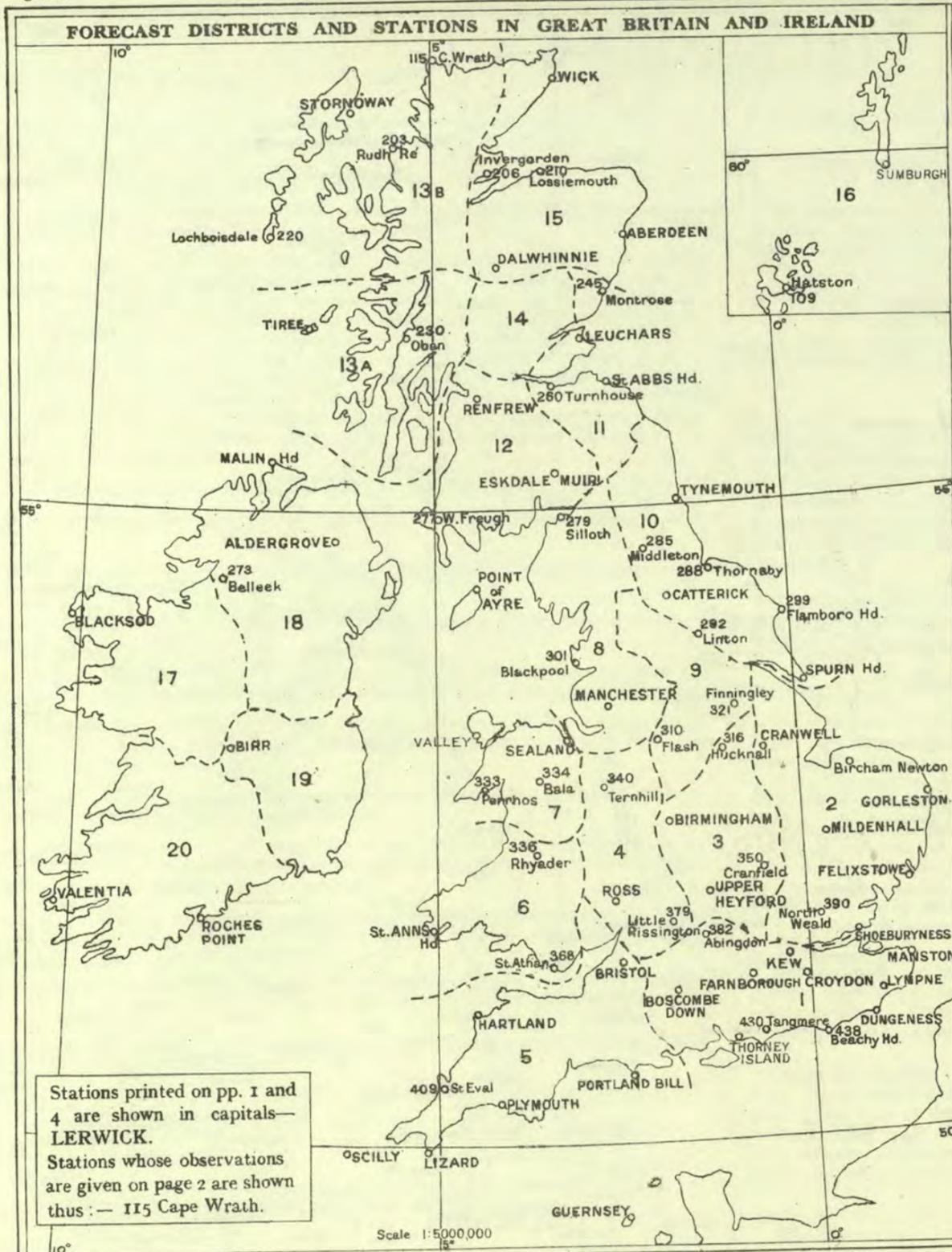
* Not.—The public issue of Gale Warnings is suspended for the duration of the war.



Clark's Projection Scale 1: 4 X 10⁷ along meridian at 55° N.
 Statute Miles 0 1 2 3 4 5
 50°

EXPLANATION OF CHART

Hours at which the observations shown on the Northern Hemisphere Chart are taken.



Stations printed on pp. 1 and 4 are shown in capitals—**LERWICK**. Stations whose observations are given on page 2 are shown thus:— II5 Cape Wrath.

FORECAST DISTRICTS and the Counties comprised within them

1. England, S.E. Kent. Sussex. Surrey. Hampshire. Berkshire. Wiltshire.	4. Midlands, W. Gloucester. Hereford. Worcester. Shropshire. Stafford.	8. England, N.W. Cheshire. Lancashire. Westmorland. Cumberland.	11. Scotland, S.E. (cont.) Linlithgow. Clackmannan. Kinross. Fife. Forfar.	13. Scotland, N.W. Hebrides. Western parts of Inverness, Ross and Cromarty, Sutherland. (Boundary line runs from Rannoch through Fort Augustus, Beaulieu and Lairg to Melville.)	16. Orkneys and Shetlands.	19. Ireland, S.E. Waterford. Wexford. Kilkenny. Carlow. Wicklow. Offaly. Lix. Kildare. Dublin.
2. England, E. Essex. Middlesex. Hertford. Bedford. Huntingdon. Cambridge. Suffolk. Norfolk. Lincoln.	5. England, S.W. Dorset. Somerset. Monmouth. Devon. Cornwall.	9. Midlands, N. Derby. Yorkshire, W.	12. Scotland, S.W., and Isle of Man. Isle of Man. Dumfries. Kirkcudbright. Wigtown. Ayr. Lanark. Renfrew. Dumbarton. Stirling.	14. Mid Scotland. Perth.	17. Ireland, N.W. Galway. Roscommon. Mayo. Sligo. Leitrim.	20. Ireland, S.W. Cork. Kerry. Limerick. Tipperary. Clare.
3. Midlands, E. Buckingham. Oxford. Northampton. Warwick. Leicester. Rutland. Nottingham.	6. Wales, S. Glamorgan. Brecknock. Carmarthen. Pembroke. Cardigan. Radnor.	10. England, N.E. Yorkshire, N. & E. Durham. Northumberland.	15. Scotland, N.E. Kincardine. Aberdeen. Banff. Elgin. Nairn. Caithness. Eastern parts of Inverness, Ross, Sutherland.	18. Ireland, N.E. Meath. West Meath. Longford. Cavan. Fermanagh. Monaghan. Louth. Armagh. Down. Antrim. Londonderry. Tyrone. Donegal.		
	7. Wales, N. Montgomery. Merioneth. Flint. Denbigh. Carnarvon. Anglesey.	11. Scotland, S.E. Roxburgh. Selkirk. Peebles. Berwick. Haddington. Edinburgh.	13A. Scotland, W. Argyll. Bute.			

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.

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.

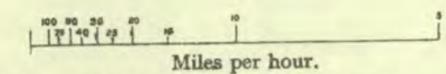
The wind at a height of 1,500–2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper 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:—

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

$$x = f - .444(t - t')$$

for wet bulb readings above 32° F.

$$x = f - .400(t - t')$$

for wet bulb readings below 32° F.

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

The 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 from 0 to 19; 25, between 20 and 29;and so on; 92, from 90 to 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.

Unsettled and generally wet, unseasonably cool.

The persistence of cyclonic systems giving rainy and cool conditions, was the outstanding feature of the month. During the first three days high pressure prevailed to the West, then, onwards throughout the month, depressions travelled over or remained in close proximity to the British Isles giving generally unsettled weather.

With the exception of a few districts, rainfall was everywhere above the average and precipitation was reported on every day from some part of the country. Although mainly of a showery type, rain was widespread on a number of occasions with some heavy falls locally. The highest previous recorded amounts for the month were exceeded at Lympne and Shoeburyness with 129mm and 93mm respectively as compared with 127mm in 1935 and 89mm in 1931. Croydon, with 100mm and Cranwell with 93mm, were only 6mm below their previous highest recorded values. Among the outstanding daily falls of rain were 27mm at Kew on the 4th, 29mm at Abbotsinch and 25mm at Eskdalemuir on the 15th, 31mm at Kew and 30mm at South Farnborough on the 17th, 32mm at Manchester on the 21st, 31mm at Falmouth and 25mm at Scilly on the 22nd, 34mm at Cranwell and 33mm at Ross-on-Wye and Birmingham on the 23rd and 39mm at Eskdalemuir on the 27th.

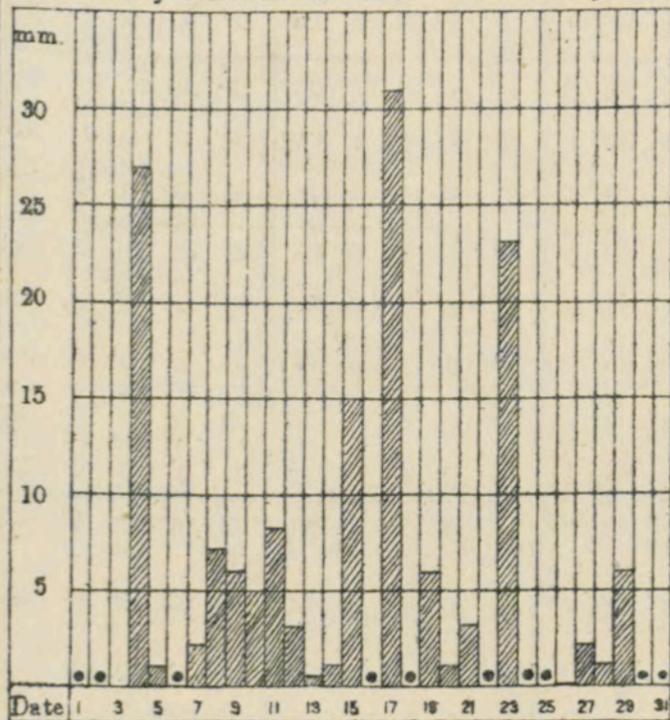
Except for the first few days and on the last day of the month maximum temperatures seldom reached or exceeded 70°F. The highest maximum, 80°F was recorded at Birr Castle on the 1st. The mean temperature of the month was generally low.

Sunshine, with the exception of Southwest Ireland was generally about or below normal, the greatest deficiency being in Southeast England and North Scotland.

Thunderstorms were frequent throughout the month, being reported on fifteen occasions; they were however, mainly local except on the 20th when many districts were affected.

Gales were reported at exposed places on 6th, 13th, and 27th, and local fog occurred on twenty-seven occasions during the month.

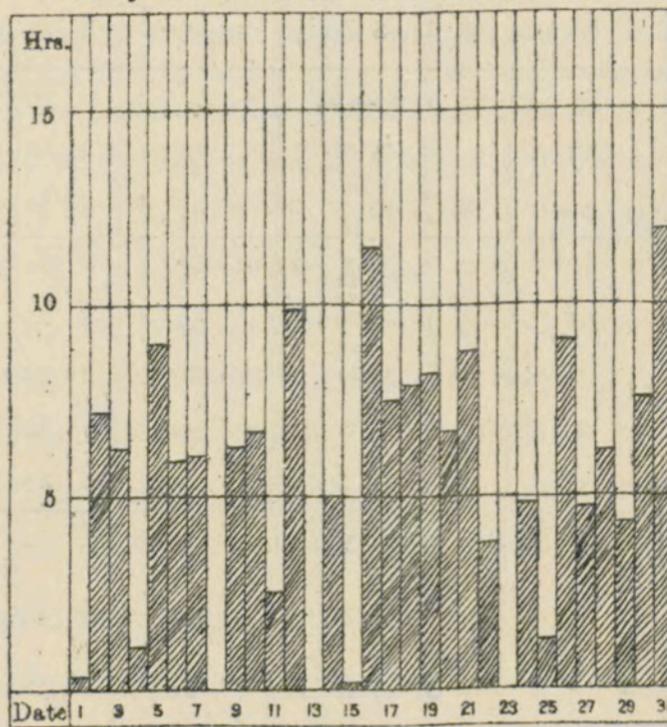
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

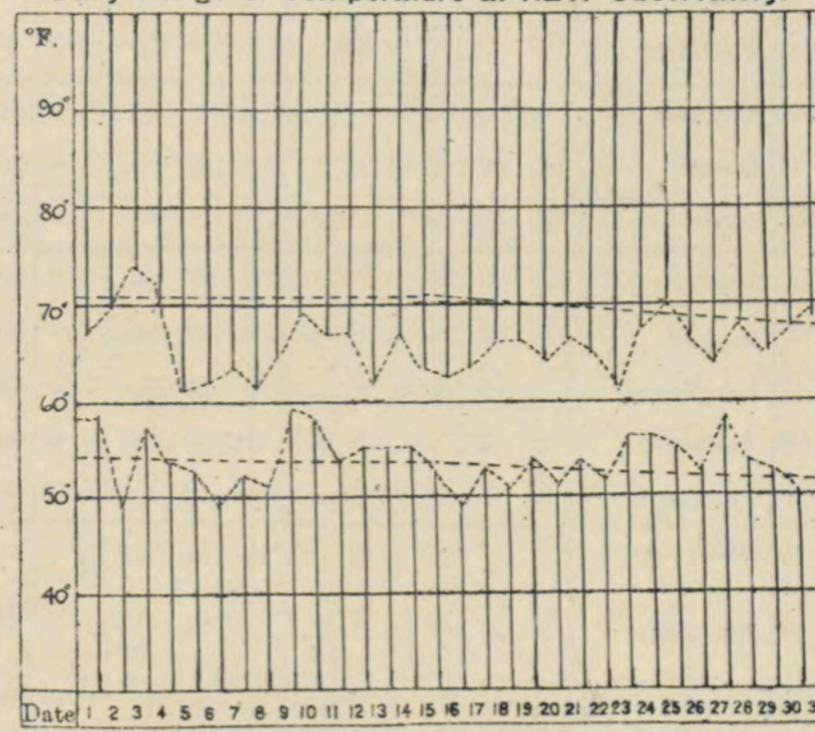
RAINFALL Total for Month. 149.3 mm.

Daily Sunshine at KEW Observatory



SUNSHINE Total for Month. 170.2 hrs.

Daily Range of Temperature at KEW Observatory.



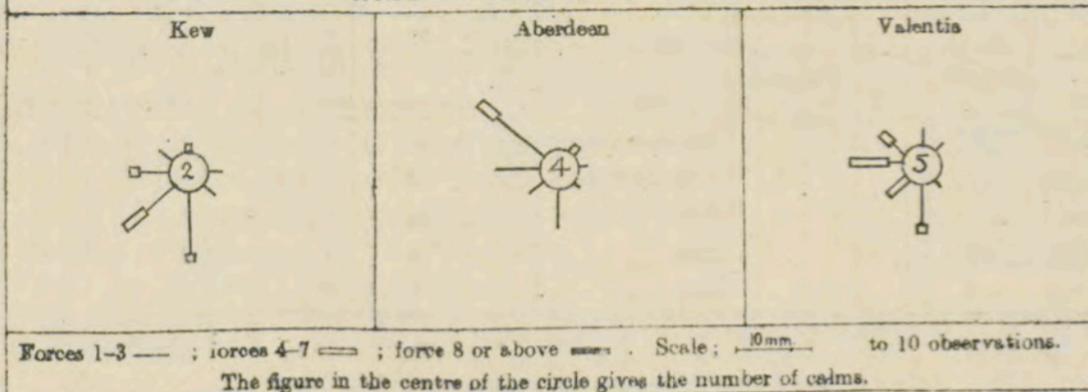
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1011.0	mb. -4.3	°F. 60	°F. -2.7
Aberdeen	1006.4	-5.1	55	-1.7
Valentia	1012.7	-2.0	57	-1.8

*Pressure—The mean is for the 24 hours. It is derived from values at 7 h. and 15 h. duly 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 ...	6431
Aberdeen ...	4392
Lerwick ...	9458
Valentia ...	—

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.					Extreme—Warmest and Coldest.					Number of observations within fixed limits.						Number of observations within fixed limits.									
		Maximum.		Average Maximum.	Minimum.		Average Minimum.	Days.		Nights.			Number of Ground Frosts.	7 h.		13 h.		18 h.		7 h.		13 h.					
		42°-50°	51°-59°		60°-68°	69°-77°		78°-86°	Highest Max.	Lowest Max.	Highest Min.	Lowest Min.		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.
1	London (Kew Obsy). Croydon Thorney Island... Lympne ...	0 0 25 6 0	0 0 20 11 0	0 0 23 8 0	0 1 28 2 0	70.5 70.1 68.6 67.9	0 3 28 0 0	0 6 25 0 0	0 6 25 0 0	0 13 18 0 0	55.0 54.0 55.5 53.6	74 3 61 23 76 3 60 23 74 4 62 13 71 4 59 8	59 10 49 3 58 10 43 7 59 10 44 21 58 10 42 7	0	0 28 0	0 30 0	1 29 0	0 0 0 0 14	0 0 0 0 27								
2	Shoeburyness... Gorleston ... Cranwell ...	0 0 16 15 0	0 0 30 1 0	0 0 22 7 0	0 2 24 5 0	71.0 68.0 68.9	0 3 28 0 0	0 4 27 0 0	0 15 16 0 0	54.1 55.0 51.7	75 4 60 8 72 4 62 23 74 3 58 23	59 11 46 7 58 25 46 7 57 10 44 7	0	5 17 2	3 28 0	3 23 0	0 0 0 1 16	0 0 0 0 30									
3	Birmingham ... (Edgbaston)	0 2 24 5 0	0 1 24 6 0	0 2 27 3 0	0 2 28 1 0	67.7 68.5	0 16 15 0 0	0 11 20 0 0	0 2 29 0 0	52.9 52.6	75 2 55 23 77 3 59 5	57 3 47 31 57 4 42 31	0	5 19 0	2 28 0	2 27 0	0 0 0 6 16	0 0 0 1 26									
4	Ross-on-Wye ...	0 1 24 6 0	0 1 24 6 0	0 1 27 3 0	0 2 28 1 0	68.5	0 11 20 0 0	0 2 29 0 0	0 2 29 0 0	52.6	77 3 59 5	57 4 42 31	0	5 22 0	2 29 0	2 29 0	0 0 0 1 21	0 0 0 0 26									
5	The Lizard ...	0 1 27 3 0	0 1 27 3 0	0 1 27 3 0	0 1 27 3 0	*	0 2 29 0 0	0 2 29 0 0	0 2 29 0 0	*	75 3 59 13	58 2 48 7	*	7 24 0	2 29 0	4 26 0	0 2 3 3 23	0 2 0 1 27									
7	Holyhead ...	0 2 28 1 0	0 2 28 1 0	0 2 28 1 0	0 2 28 1 0	63.0	0 8 23 0 0	0 8 23 0 0	0 8 23 0 0	55.1	76 1 59 15	57 1 44 24 31	0	4 26 0	6 20 2	4 26 0	0 0 0 1 27	0 0 0 0 27									
8	Chester (Sealand)	0 3 22 5 1	0 3 22 5 1	0 3 22 5 1	0 3 22 5 1	67.1	0 8 22 1 0	0 8 22 1 0	0 8 22 1 0	51.9	79 1 55 15	6 4 43 31	0	1 28 1	3 28 0	4 25 1	0 0 1 3 17	0 0 0 1 25									
10	Tynemouth ...	0 6 24 1 0	0 6 24 1 0	0 6 24 1 0	0 6 24 1 0	63.8	0 7 24 0 0	0 7 24 0 0	0 7 24 0 0	53.1	72 3 56 1	56 4 46 7	0	2 24 0	0 31 0	0 30 0	0 0 1 1 9	0 0 0 0 20									
11	Leuchars ...	0 2 25 4 0	0 2 25 4 0	0 2 25 4 0	0 2 25 4 0	64.5	0 18 13 0 0	0 18 13 0 0	0 18 13 0 0	49.4	77 2 57 9	58 15 44 8 22 24	0	2 27 1	0 31 0	1 29 0	0 0 1 0 23	0 0 0 0 30									
12	Renfrew ... Eskdalemuir ...	0 4 24 2 1	0 4 24 2 1	0 4 24 2 1	0 4 24 2 1	64.3 62.1	0 17 13 1 0	0 17 13 1 0	0 17 13 1 0	50.0 47.5	79 1 58 16 73 2 56 16	61 1 43 31 58 1 38 31	0	6 22 0	5 25 1	7 23 0	0 0 0 5 20	0 0 0 1 27									
13	Stornoway	0 13 16 2 0	0 13 16 2 0	0 13 16 2 0	0 13 16 2 0	62.1	5 20 6 0 0	5 20 6 0 0	5 20 6 0 0	47.5	73 2 56 16	58 1 38 31	0	13 15 0	3 28 0	7 24 0	0 0 3 0 14	0 0 0 0 26									
15	Aberdeen ...	0 18 13 0 0	0 18 13 0 0	0 18 13 0 0	0 18 13 0 0	60.3	0 10 21 0 0	0 10 21 0 0	0 10 21 0 0	50.0	62 2 54 13	55 3 43 9	*	1 30 0	1 30 0	1 30 0	0 0 0 0 29	0 0 0 0 31									
18	Aldergrove ...	0 8 22 1 0	0 8 22 1 0	0 8 22 1 0	0 8 22 1 0	62.8	0 22 9 0 0	0 22 9 0 0	0 22 9 0 0	50.7	69 2 56 9	54 28 42 9	0	4 24 1	2 29 0	2 29 0	0 0 0 2 20	0 1 0 0 20									
19	Birr Castle ...	0 3 25 2 1	0 3 25 2 1	0 3 25 2 1	0 3 25 2 1	*	0 15 16 0 0	0 15 16 0 0	0 15 16 0 0	*	78 1 56 5	55 4 42 31	0	10 21 0	2 28 1	3 27 0	0 0 0 1 22	0 0 0 0 29									
20	Valentia (Cabirciveen)	0 0 26 4 1	0 0 26 4 1	0 0 26 4 1	0 0 26 4 1	65.1	0 14 17 0 0	0 14 17 0 0	0 14 17 0 0	51.3	80 1 60 5	57 4 44 30	0	0 30 0	0 30 0	0 29 0	0 0 0 0 31	0 0 0 0 31									

UPPER AIR TEMPERATURE.								UPPER WINDS. No. of records of Velocity (km./hr.) within fixed limits.																								
Pressure. mb.	Normal Height. Feet.	MILDENHALL.			ALDERGROVE.			STATION Height. Metres.	LYMPNE.					PLYMOUTH (Mt. Batten).					HOLYHEAD (VALLEY).					RENFREW.					STATION. Height. Metres.			
		Normal Temp. °F.	Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Mean. °F.		No. of Reports.	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.		6 to 25	26 to 50	51 to 75
950	1830	57.3	54.8	62	53.1	62	500 above ground.	85	19	49	14	1	0	43	13	23	5	0	0	25	5	17	3	0	0	88	36	45	3	0	0	500 above ground.
850	4850	46.7	44.9	62	43.0	62	1000 above M.S.L.	70	12	38	16	2	0	35	11	17	6	0	0	17	5	8	3	0	0	65	26	34	5	0	0	1000 above M.S.L.
750	8200	37.6	35.0	62	34.1	62	2000 "	43	9	26	7	1	0	17	6	8	3	0	0	10	3	7	0	0	21	11	10	0	0	0	2000 "	
650	11940	26.7	25.9	62	23.7	62	3000 "	16	3	11	1	1	0	10	0	7	3	0	0	4	0	3	0	0	7	1	6	0	0	0	3000 "	
550	16200	12.4	11.6	62	9.8	62	4000 "	5	0	4	0	0	1	8	0	4	3	1	0	1	0	1	0	0	2	1	1	0	0	0	4000 "	

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

SUNSHINE, RAINFALL, AND HUMIDITY

August 1941.

DISTRICT.	STATIONS.	SUNSHINE.										RAINFALL.										Days with Thunder.	Days with Snow or Sleet.													
		Number of Days with Duration.					Maximum Duration.		Highest and Lowest Totals on record for Month.			† Number of days with amount.					Maximum fall in 24 hrs.		Highest and Lowest Totals on record for Month.																	
							Hours.	Date.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	First year of record.	Highest.	Year.	Lowest.	Year.																			
		Nil.	0.1-3h.	3.1-6h.	6.1-9h.	Above 9h.												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.
		Hours.	Hours.	Hours.	Hours.	Hours.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.												
1	London (Kew Obsy).	8	5	6	14	3	11.9	31	1421	-48	170	-13	1880	262	1899	109	1912	11	4	7	5	2	2	31	17	882	+276	150	+93	1856	165	1878	2	1940	3	0
	Groydon	3	5	5	12	6	12.1	31	1491	-34	185	-8	1922	260	1923	136	1931	9	4	11	7	0	0	12	23	857	+78	100	+41	1921	106	1931	0.5*	1940	1	0
	Thorney Island:	Not recorded.																																		
	Lympne	4	4	7	10	6	12.8	16	1681	-84	177	-36	1921	283	1933	167	1925	7	7	7	8	2	0	24	15	883	+159	129	+70	1920	127	1935	2	1940	3	0
2	Shoeburyness	4	2	11	9	5	11.3	16	1570	-46	171	-40	1919	263	1933	167	1936	12	3	9	6	1	0	15	23	603	+100	93	+48	1920	89	1931	4	1940	3	0
	Gorleston																																			
	Cranwell	0	6	12	9	4	11.5	28	1445	-93	174	-11	1921	225	1933	139	1925	10	5	12	3	0	1	34	23	780	+190	93	+24	1917	99	1917	11	1937 1940	5	0
3	Birmingham (Edgbaston)	1	10	6	10	4	11.8	31	1242	-62	157	-6	1887	247	1899	85	1896	7	4	12	7	0	1	33	23	954	+280	111	+42	1893	173	1912	6	1940	2	0
	Ross-on-Wye	2	7	6	8	6	12.3	31	1422	-63	179	+7	1915	244	1933	107	1922	10	10	6	4	0	1	33	23	831	+114	84	+19	1859	202	1878	4	1936	0	0
5	Falmouth (Observatory)	1	6	9	5	10	13.5	2	1746	+36	196	0	1881	297	1899	104	1912	11	3	8	7	1	1	31	22	1280	+173	138	+55	1871	267	1912	4	1940	0	0
7	Holyhead (Valley)																																			
8	Chester (Sealand)	3	5	12	9	2	12.3	18	1392	+16	159	0	1928	193	1926	125	1924	10	5	12	4	0	0	12	9 15, 29	759	+121	73	+3	1922	150	1931	12	1940	0	0
	Tynemouth	* * * * *																																		
11	Leuchars	1	11	9	7	3	12.1	14	1204	-266	138	-17	1922	202	1933	102	1924	8	6	12	5	0	0	15	15	761	+108	71	-7	1922	192	1930	9	1932	2	0
12	Renfrew	1	12	9	6	3	13.7	7	1113	-80	137	+8	1921	165	1926	93	1932	11	4	9	6	0	1	29	15	1005	+66	101	+9	1921	149	1929	28	1932	0	0
	Eskdalemuir	2	12	8	6	3	10.4	7	1132	-69	129	+8	1910	197	1911	44	1912	7	5	7	9	2	1	39	27	1433	+4	182	+51	1910	262	1923	46	1931	1	0
13B	Stornoway	4	14	10	2	1	12.0	15	1203	-12	85	-43	1881	262	1899	83	1935	4	4	13	9	1	0	18	14	995	-271	132	+31	1870	217	1903	18	1880	0	0
15	Aberdeen	2	8	15	2	4	12.5	23	1197	-132	139	-1	1881	199	1938	67	1912	8	7	7	7	2	0	24	13	909	+161	122	+52	1871	176	1877	19	1899	6	0
18	Aldergrove	3	14	9	4	1	13.6	1	1116	*	113	*	1927	182	1931	103	1934	8	4	9	10	0	0	15	12	899	+61	110	+19	1926	155	1929	17	1940	1	0
19	Birr Castle	1	9	11	8	2	10.1	5	1158	-148	133	-4	1881	236	1899	70	1894	9	7	8	7	0	0	13	7	870	+43	79	-18	1862	229	1917	13	1940	0	0
20	Valentia (Cahiriveen)	1	9	7	7	7	11.5	18	1442	+74	246	+98	1880	270	1899	87	1894	7	9	9	4	2	0	23	7	1478	+64	101	-21	1866	220	1928	10	1940	1	0

MINIMUM SURFACE HUMIDITY.											STATE OF GROUND AT 18 h.												
No. of Days (MDT. to MDT.) WITH MINIMA BETWEEN FIXED LIMITS.											No. of Days Each Type was Recorded.												
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 %	STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.	
	London (Kew)	Ross-on-Wye	Renfrew	Eskdalemuir	Aberdeen	Valentia	London (Kew)	Ross-on-Wye	Renfrew	Eskdalemuir		Aberdeen	Valentia										
London (Kew)	0	0	3	3	6	12	6	1	0		London (Kew)	0	31	0	0	0	0	0	0	0	0	0	0 Dry.
Ross-on-Wye	0	1	1	3	8	15	3	0	0		Ross-on-Wye	14	17	0	0	0	0	0	0	0	0	0	1 Wet.
Renfrew	2	4	6	13	6	0	0	0	0		Renfrew	11	20	0	0	0	0	0	0	0	0	0	2 Flooded.
Eskdalemuir	0	0	1	5	10	11	3	1	0		Eskdalemuir	10	21	0	0	0	0	0	0	0	0	0	3 Frozen hard and dry.
Aberdeen	0	1	5	1	8	12	4	0	0		Aberdeen	6	25	0	0	0	0	0	0	0	0	0	4 Partly covered with snow or hail.
Valentia											Valentia												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.

* Recorded at Addington.

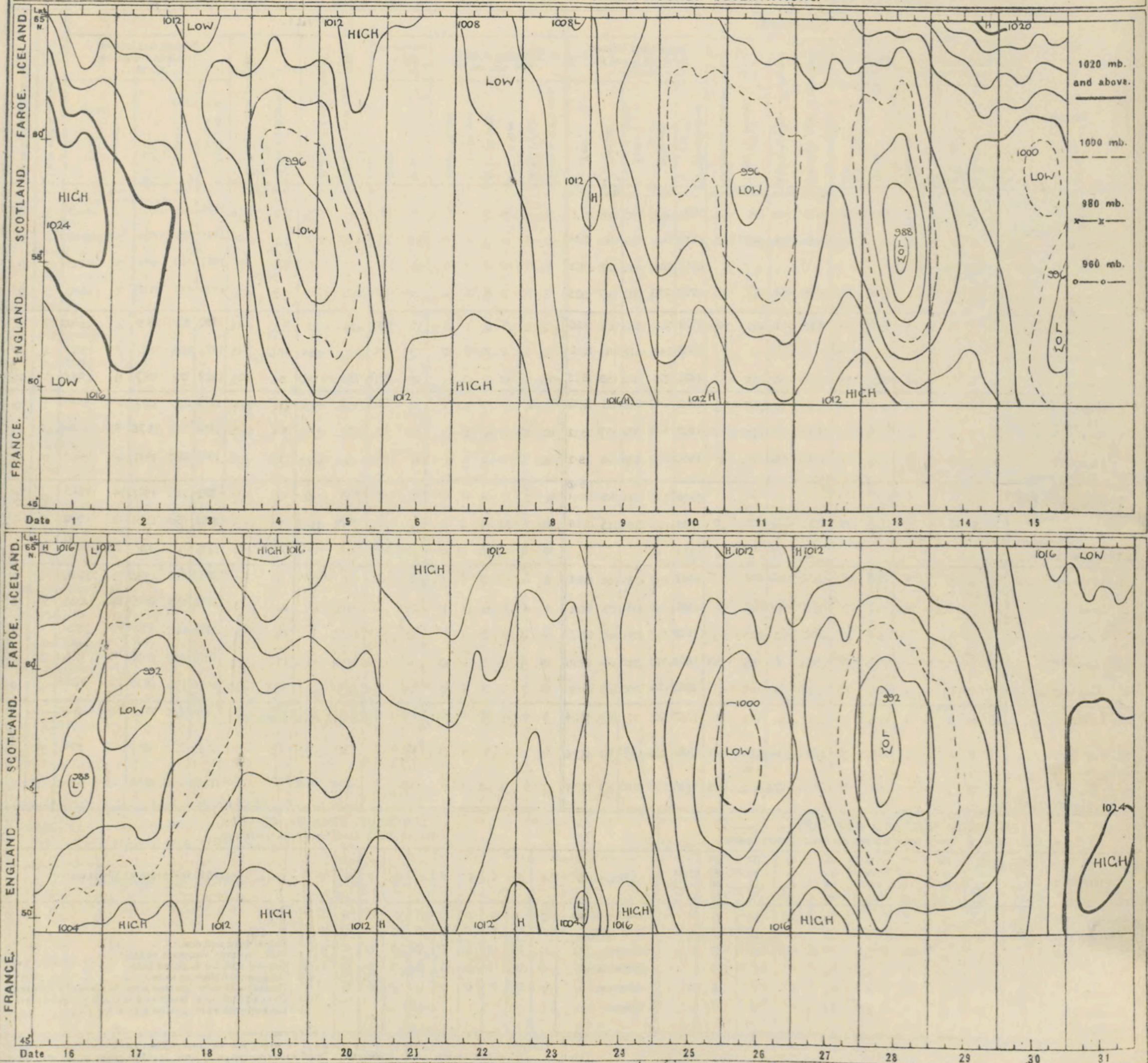
† Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1 mm.

PRESSURE: ICELAND TO GULF OF LIONS

August

1941

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



* The diagram is obtained by drawing a line from Akureyri in Iceland to a point 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. 66° 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.

Main weather report table with columns for District, Stations, Barom., Wind, Weather, Temp., Humid., Vis., Cloud, and Sea. Includes data for stations like London (Kew), Birmingham, and Plymouth.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

Explanatory table with four columns: 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. Includes a STATE OF GROUND section.

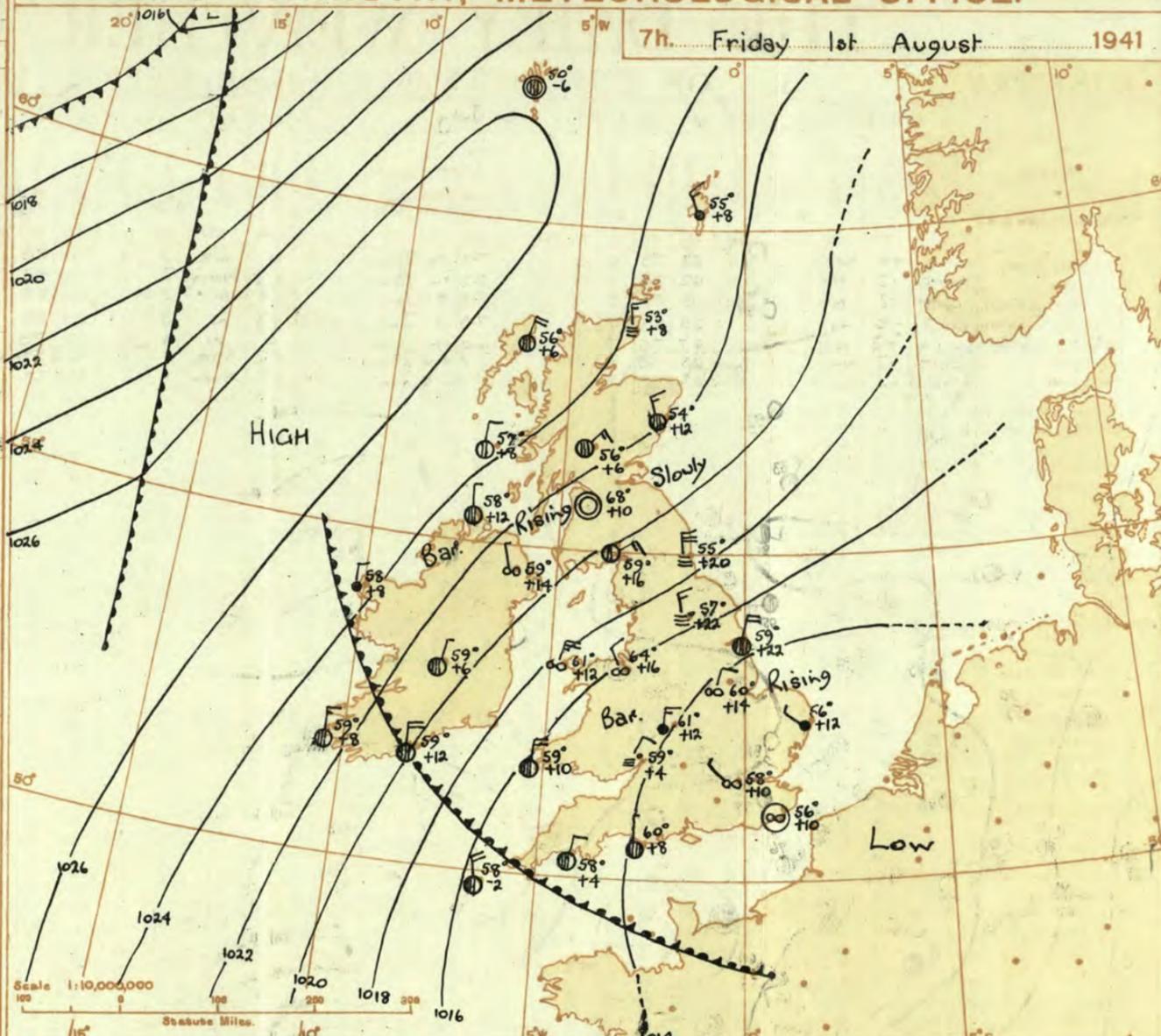
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 31st July				18h. G.M.T.				01h. G.M.T. 1st August				07h. G.M.T.			
III	C ₁	wwVhN _h	DDFWN	C ₁	wwVhN _h	DDFWN	C ₁	wwVhN _h	DDFWN	C ₁	wwVhN _h	DDFWN	C ₁	wwVhN _h	DDFWN
109	57	02831	32324	--	48309	32349	--	57309	32449	5-	03738	32328			
115	--	48100	04255					46109	06349	--	44109	08249			
203				5-	03738	06448	5-	03738	04348						
208	57	02855	28128	57	02966	30227	5-	02864	32225	5-	02859	02128			
210	5-	02758	28358	57	02754	01326	5-	52528	02458	5-	02628	01358			
220	87	02846	30311	80	02737	31327				53	02845	30427			
230				84	01964	02414	5-	05863	04113	04	05890	00014			
245	87	01854	30555	52	02836	04318	00	05690	31400	84	01863	63415			
260	57	02807	28118	52	02756	02128	5-	05667	26267	10	00751	09112			
277															
279	87	02756	21227	57	02747	02268				70	01743	05313			
285	23	02745	32527							23	02635	04527			
288	5-	51648	31358	5-	67338	31368	--	48209	32449	5-	47328	32348			
273															
3012	+	02757	28325	57	64556	30368	50	05641	30301	00	00690	02400			
321	62	61636	30368	62	61526	30268	5-	05638	30428	5-	05638	31458			
299	C-	64538	28458	--	57209	28459	--	57009	32459	57	05535	26516			
292	02	64528	32308	62	05636	32368	5-	02738	32328	5-	05627	31327			
310										--	46109	32549			
314	C-	52438	30368	02	64458	32258	02	61448	32368	5-	05655	04235			
333	5-	02747	03327	57	25951	30487	5-	01744	32464	53	01741	02311			
334	--	02765	28326							--	03548	04428			
340	5-	31658	32388	62	52636	28388	5-	05648	30258	5-	05635	02357			
136	52	61845	32407	5-	52638	32368	5-	51528	04168	5-	21837	00057			
336	13	02663	28326	53	02763	32316				52	22763	32368			
350	5-	54528	28368	62	51636	30258	5-	64408	28168	5-	05528	02168			
368															
379	83	25645	30887	62	52537	32368	6-	05443	30358	6-	57308	30268			
390	67	62645	28388	67	02745	32368	5-	05547	30128	57	05635	06128			
382	57	05665	32328	62	21634	31358	52	05646	29228	52	21536	00058			
438	6-	10748	32228							53	02658	32217			
430	27	05665	32227	87	05656	32328	50	05653	00013						
409	2-	02846	32486	50	02946	31326	02	61668	32368	62	51627	31358			

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C₁ - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 1st August, 1941.
1 S.E. England	Light or moderate N. or N.E. wind. Dull with local drizzle. Cloud persisting on east coast. Some bright intervals inland this afternoon and evening but cloud forming again tonight. Average temperature inland. Rather cool on east coast.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate N. or N.E. wind. Fair with some bright periods. Average temperature.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 1-4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13A. W. Scotland	As 5-8.
13B. N.W. Scotland	
14 Mid Scotland	Light N.E. to variable wind. Dull with occasional drizzle, and some coast and hill fog. Some bright periods later. Average temperature.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	As 5-8.
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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 = Warm Front on the Surface
 = Warm Front above the ground
 = Cold Front on the surface
 = Cold Front above the ground
 = Occluded Front (or Occlusion)
 = Warm Occlusion
 = Cold Occlusion
 = Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.
 Pressure is low to the S.E. of the British Isles while a ridge of high pressure lying between Scotland and Iceland is spreading slowly southeastwards. In eastern districts it will be persistently dull with some local drizzle and patches of coast fog. Elsewhere it will be fair with some bright periods.

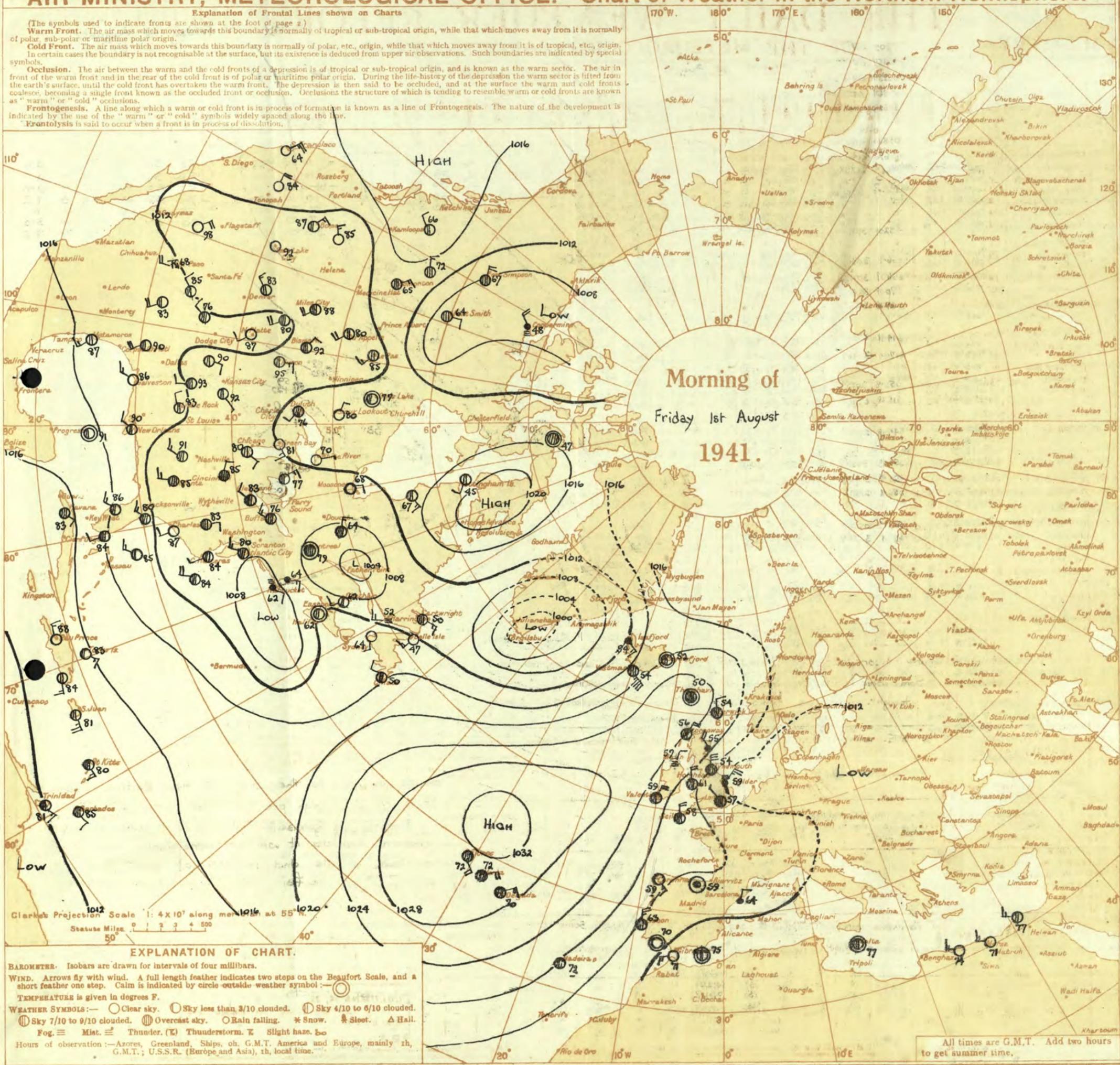
FURTHER OUTLOOK.
 Fair in most districts.

Forecasts issued at 10.30h. G.M.T.
 N. K. JOHNSON, D.Sc., A.R.C.S., Director.
 H.M.S.O. Press, Meteorological Office, Dunstable. C.269/4040. No. 8/76. D.6034. Sp. 948. 3502. 9/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin.
 In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table of weather observations at 1 hr. G.M.T. 1st August, 7 hr. G.M.T. 1st August, and Past 24 Hours. Includes columns for District, Stations, Barom., Wind, Temp., Humid., Cloud, and Rainfall.

LONDON OBSERVATIONS table with columns for Day, Night, Min., Max., and Rainfall for various London locations like Kew, Greenwich, and City.

Table with columns for Weather, Temperature, Rainfall, Sunshine, Humidity, and Visibility, likely a summary or comparison table.

Table with columns for Atmospheric Pollution, South Kensington, and Kew Observatory, detailing pollution levels and local observations.

EXPLANATION OF FIGURES, LETTERS, etc. section containing codes for surface visibility, state of sea, and other meteorological symbols.

FOREIGN OBSERVATIONS table listing weather data for Reykjavik, Lisbon, Madrid, Cairo, Toronto, and Washington.

Table with columns for Evening of 31st July, Morning of 1st August, and Past 24 Hours, providing a detailed summary of weather conditions.

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

BRITISH SECTION
Saturday 2nd August 1941.
No. 29108

OBSERVATIONS at 13h. G.M.T. 1st August

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

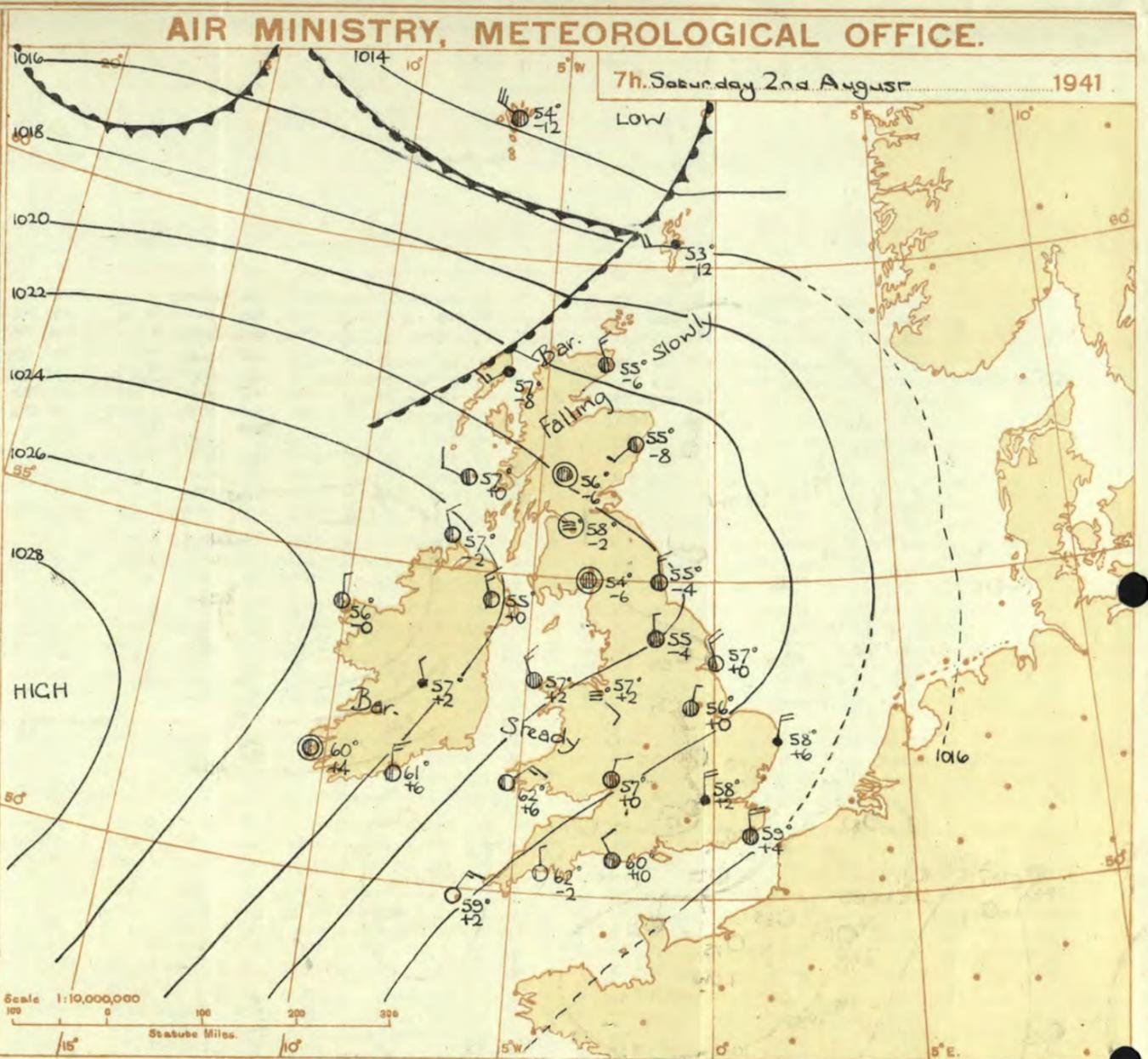
PAST 24 HOURS.

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.				State of Ground. 0-9 (30)	WEATHER.							
				Direc. (3)	Force. 0-12 (4)	Weather. (5)				Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)			Force 0-12 (18)	Weather. (19)	Form. (23)				Amount (24)	Height of Base (feet) (28)	7h.—13h. 1st (37)	13h.—18h. 1st (38)		18h.—1st 2nd (39)	1h.—7h. 2nd (40)						
																													Low.	Med.	High	Low	Med.	High
1	London (Kew)...	1016.1	+12	NW	3	bc	65	75	6	3	-	3	3	1500	1017.5	+4	NNE	3	bc	62	85	6	5	-	-	10	10	1500	1	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Croydon ...	1015.5	+2	NW	2	bc	64	75	6	9	-	7-8	10	2000	1016.5	+10	NW	4	bc	62	82	5	6	-	-	10	10	500	1	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	S. Farnborough	1015.8	+10	NW	3	bc	67	65	7	2	3	4-6	3	2200	1017.0	+10	NW	4	bc	66	75	7	5	-	-	10	10	2000	1	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Boscombe Down	1016.4	-14	NW	3	bc	65	75	6	8	-	10	10	2000	1017.0	+4	NW	2	bc	69	85	7	8	-	-	3	3	2000	0	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Worthy (Island)	1015.3	+6	NW	2	bc	68	65	6	7	-	10	10	5700	1016.0	+2	NNE	2	bc	67	85	6	8	-	-	7-8	3	2500	0	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Lymington	1015.7	+10	NW	2	bc	62	85	6	5	-	10	10	2500	1015.6	+2	NW	1	bc	65	85	6	5	-	-	3	3	1800	1	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Manston	1014.9	+8	NW	1	bc	61	92	6	2	7	4-6	10	1000	1015.1	+6	NW	2	bc	66	92	6	5	-	-	10	10	600	1	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
2	Shoeburyness ...	1015.6	+4	NW	2	bc	65	85	8	5	-	3	3	800	1016.1	+8	NW	4	bc	65	85	6	5	-	-	10	10	1500	1	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Felixstowe ...	1014.0	-2	NW	3	bc	67	75	7	5	7	3	3	5000	1014.8	+10	NW	4	bc	64	82	6	5	-	-	10	10	500	1	3	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Gorleston ...	1014.3	+4	NW	3	bc	64	92	7	8	2	4-6	3	1500	1015.8	+10	NW	4	bc	61	97	4	5	-	-	10	10	300	0	3	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Mildenhall ...	1015.1	+4	NW	3	bc	63	82	6	5	2	3	10	300	1017.4	+18	NW	4	bc	60	87	6	5	-	-	10	10	800	1	3	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Cranwell ...	1016.3	+6	NW	4	bc	70	75	7	1	3	1	4-6	2000	1018.9	+18	NW	5	bc	62	85	7	5	-	-	10	10	800	1	3	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
3	Birmingham	1017.3	+14	NW	3	bc	68	75	6	3	-	7-8	7-8	1500	1018.8	+10	NW	3	bc	65	65	6	1	8	-	1	2-3	2500	1	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Upper Heyford	1016.1	+10	NW	2	bc	62	87	6	5	2	7-8	10	800	1016.9	+14	NW	4	bc	63	75	7	8	-	-	3	3	1500	1	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Ross-on-Wye ...	1017.0	+14	NW	4	bc	66	85	5	5	-	10	10	1500	1017.0	0	NW	4	bc	74	65	6	7	8	-	1	1	2500	1	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
5	Hartland Point	1015.9	+14	NW	4	bc	64	85	7	5	-	4-6	4-6	1500	1017.5	+2	NW	3	bc	66	85	7	3	-	-	0	0	0	2	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Bristol ...	1016.9	+20	NW	3	bc	67	85	8	7	-	7-8	3	1800	1016.7	+6	NW	3	bc	73	75	6	3	-	-	2-3	2-3	2000	1	3	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Portland Bill ...	1016.2	+12	NW	1	bc	63	85	7	5	-	10	10	2500	1016.8	+6	NW	2	bc	62	85	7	3	-	-	10	10	2500	1	3	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Plymouth ...	1016.2	+10	NW	1	bc	63	85	7	5	-	7-8	10	1200	1017.3	+6	NW	2	bc	64	85	7	8	-	-	7-8	7-8	2000	1	2	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	The Lizard ...	1015.9	+8	NW	4	bc	61	82	8	6	-	7-8	7-8	2500	1017.2	+6	NW	4	bc	66	75	8	4	-	-	2-3	2-3	2500	0	2	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Scilly (St. Mary's)	1016.1	+6	NW	4	bc	64	85	8	5	-	10	10	1000	1017.8	+6	NW	4	bc	64	87	7	5	4	-	7-8	7-8	1000	0	4	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Guernsey ...	1017.1	+10	NW	4	bc	74	75	7	2	-	2-3	2-3	3000	1019.7	+6	NW	4	bc	68	85	6	2	-	-	2-3	2-3	3000	0	3	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
6	Pembroke ...	1018.9	+8	NW	3	bc	71	75	6	3	-	0	Tr	-	1020.2	+6	NW	4	bc	67	75	8	2	6	-	Tr	1	3000	0	3	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
7	Holyhead (Valley)	1017.7	+2	NW	3	bc	78	55	6	8	6	4-6	4-6	2500	1018.9	0	NW	3	bc	71	75	7	4	6	-	2-3	2-3	3000	0	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
8	Chester (Sealand)	1017.0	+6	NW	3	bc	75	55	7	1	4	Tr	1	3000	1019.1	+8	NW	3	bc	73	55	7	-	4	-	0	4-6	-	0	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Manchester ...	1017.0	+6	NW	3	bc	75	55	7	1	4	Tr	1	3000	1019.1	+8	NW	3	bc	73	55	7	-	4	-	0	4-6	-	0	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
10	Spurn Head ...	1015.9	+4	NW	7	bc	61	92	6	5	-	10	10	2500	1018.0	+4	NW	6	bc	59	82	6	5	-	-	10	10	1500	0	4	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Catterick ...	1021.5	+10	NW	7	bc	58	85	6	5	-	10	10	3000	1021.8	+2	NW	6	bc	58	85	6	5	-	-	10	10	700	0	4	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Tynemouth ...	1021.0	+8	NW	6	bc	56	87	6	5	-	10	10	1200	1022.0	0	NW	5	bc	55	87	6	5	-	-	10	10	1200	1	4	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
11	St. Abbs Head	1023.2	+8	NW	3	bc	64	87	6	5	2	3	10	1000	1023.0	-2	NE	1	bc	55	82	8	5	2	-	3	10	1500	0	2	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Leuchars ...	1022.3	+2	SE	3	bc	66	75	8	5	-	2-3	2-3	4500	1023.1	+2	SE	3	bc	60	85	7	5	-	-	3	3	1200	0	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
12	Reafrew (Abbots L.)	1021.6	+2	SE	3	bc	76	65	7	8	-	7-8	7-8	3000	1021.6	-2	SE	3	bc	75	65	6	8	-	-	7-8	7-8	5000	1	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Eskdalemuir ...	1021.1	+4	SE	4	bc	69	75	8	1	4	1	1	4000	1022.2	+2	NE	3	bc	63	85	8	5	3	-	7-8	7-8	5000	1	*	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Point of Ayre ...	1020.7	+6	NE	2	bc	70	75	8	2	4	Tr	1	5000	1021.7	0	ENE	2	bc	68	75	8	1	8	-	Tr	1	5000	0	2	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
13a	Three ...	1024.0	+6	NW	3	bc	61	85	8	-	3	0	2-3	-	1024.0	0	NW	3	bc	59	85	8	-	-	0	Tr	-	0	3	bc	bc	bc	bc	
13b	Stornoway ...	1026.1	+6	NW	3	bc	57	92	8	5	7	7-8	10	1800	1025.4	-4	NW	1	bc	51	85	8	5	6	3	4-6	7-8	2500	1	1	bc	bc	bc	bc
15	Dalwhinnie ...	1023.8	-2	NE	3	bc	60	75	8	1	5	1	4-6	4000	1023.0	-4	NW	1	bc	57	75	8	2	6	3	Tr	Tr	4000	0	1	bc	bc	bc	bc
	Aberdeen ...	1023.7	+4	NW	4	bc	58	85	7	5	-	3	3	1200	1023.4	-2	NW	4	bc	57	85	7	5	-	-	3	3	1500	0	3	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id, cm
	Wick ...	1025.0	+4	NW	3	bc	57	75	8	5	-	3	10	1600	1024.0	-4	NW	3	bc	58	75	9	5	-	-	4-6	4-6	2000	0	3	cm, ig, cm	cm, ig, cm	cm, id, cm	cm, id,

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 1st August				18h. G.M.T.				01h. G.M.T. 2nd August				07h. G.M.T.			
III	C _m	wwVhN _h	DDFWN	C _m	wwVhN _h	DDFWN	C _m	wwVhN _h	DDFWN	C _m	wwVhN _h	DDFWN	C _m	wwVhN _h	DDFWN
109	5-	02847	31327	5-	02845	30325	57	02844	22324	61	51527	24558			
115	52	02945	06348				52	02944	20427						
203							5-	05538	16228	5-	02838	16428			
206				52	02858	04328	5-	01754	00024	53	02955	00026			
210	5-	02848	30428	5-	02957	04127	5-	05647	00027	5-	02577	25217			
220										5-	53508	23258			
230	18	01861	30214	00	00830	24100	04	00890	00003	53	02866	24327			
245	8+	01984	02415	54	00851	03412	5-	03738	28128	5-	02747	22227			
260	14	00761	04201	53	00842	06303	5-	05635	06115	5-	05528	23228			
277															
279	20	00861	05401	24	00861	06502				5-	05638	04128			
285	14	01853	06614							--	48209	12249			
288	5-	05538	65428				5-	43348	31358	5-	05548	02248			
273															
301	24	00763	04403	44	01863	04414	04	01790	00013	03	05690	00003			
321	10	01753	65513	50	02755	65525	5-	05638	32428	51	05638	29428			
299	--	46309	28649				5-	21538	30658	5-	02747	30527			
292	53	02743	65614	5-	05624	31514	5-	05628	32428	5-	05537	31327			
310	--	01643	04513							--	01641	04311			
64															
216	20	01754	02414	50	05635	02415				5-	08438	30228			
338	10	00851	32300	14	01851	26303	00	00890	28200	00	00790	27300			
334										--	05563	00004			
340	20	17663	32313	03	05690	30301	00	08490	32200	00	08490	00001			
136	5-	05628	61568	5-	54408	02668	5-	52538	01558	5-	52728	32458			
336	53	01762	04414	03	01890	04412				00	00890	12300			
350				5-	05648	35568	5-	52538	35458	5-	51638	02358			
368				14	00761	20102				50	05652	06302			
379				20	01745	02315	5-	05628	02428	5-	05528	02328			
390	57	02745	31368	52	51637	31328	5-	52438	32458	5-	51738	64358			
382				84	01754	04414	5-	51638	04428	5-	05648	03328			
438	62	02744	25228												
430	5-	05678	02228	5-	05667	32327	5-	05648	04428	51	05637	04328			
400	5-	02735	02327	50	00753	02313	00	05690	04200	00	05690	02100			

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
 ww, W = Present and past weather—See M.O. 252.
 h, N_h = Height and amount of low cloud—See M.O. 252.
 N = Total amount of cloud—See M.O. 252.
 C, C_m = Form of low and medium cloud—See page 1.
 V = Visibility. F = Force of wind—See page 4.
 DD = Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 2nd August.
1 S.E. England	Moderate to light N wind backing WNW. Mainly fair. Warmer.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light variable winds becoming NW. Mainly fair. Rather warm.
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.	Moderate West wind. Mainly cloudy. Occasional drizzle. Local coast fog. Rather warm inland.
13A. W. Scotland	
13B. N.W. Scotland	
14 Mid Scotland	Moderate West wind. Cloudy and bright intervals. Local showers. Warm.
15 N. E. Scotland	
16 Orkneys and Shetlands	As 12-13B
17 N. W. Ireland	Light NW or N wind. Mainly fair but cloudy periods. Local coast fog and drizzle. Warm inland.
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.

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

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

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

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

GENERAL INFERENCE.
 A large anti-cyclone is centred to west of the British Isles, and depressions are moving ESE. to north of the British Isles. Weather will be mainly fair and warmer in the South and Midlands but there will be occasional rain in the extreme North.

FURTHER OUTLOOK.
 Mainly fair in the South. Rather unsettled in the North: warm.

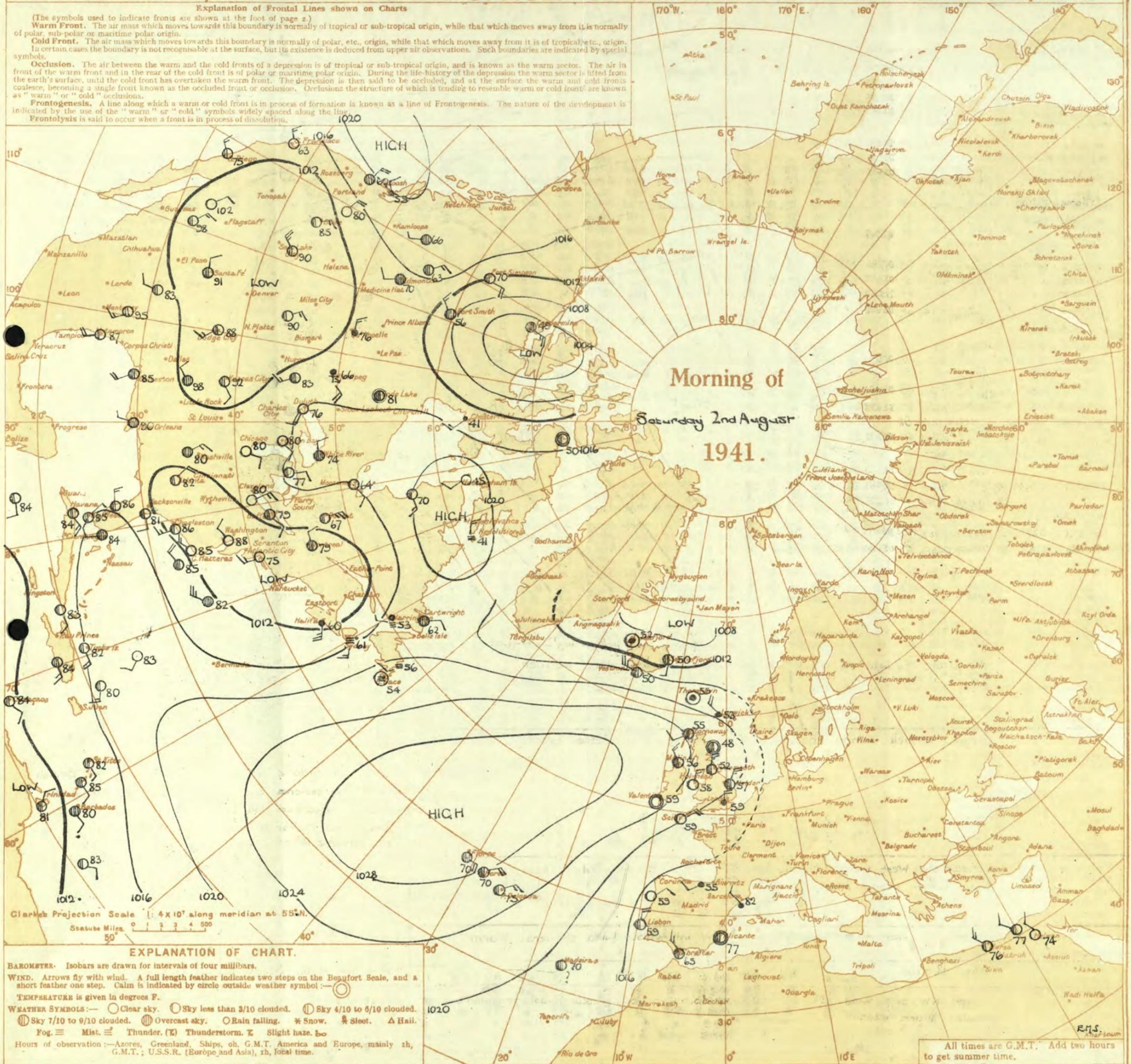
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

Forecasts issued at 10.30 a.m.t.
 H.M.S.O. Press, Meteorological Office, Dunstable.
 C 259/4030. No. 8/76. D. 603*. 6p. 946. 3300. 5/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Clark's Projection Scale 1:4 x 10⁷ 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 5/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. * Sleet. Δ Hail. Fog. ☁ Mist. ☁ Thunder. ☁ Thunderstorm. ☁ Slight haze. ☁
 Hours of observation:—Azores, Greenland, Ships, etc. G.M.T. America and Europe, mainly 1h, G.M.T.; U.S.S.R. (Europe and Asia), 1h, local time.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table with columns for District, Stations, Observations at 1 hr. G.M.T. 2nd August, Observations at 7 hr. G.M.T. 2nd August, and Past 24 Hours. Includes sub-columns for Wind, Cloud, Temperature, Humidity, etc.

LONDON OBSERVATIONS table with columns for Weather, Temperature, Rainfall, Sunshine, Humidity, and Visibility.

Table for South Kensington and Kew Observatory observations, including Max. Time, Min. Time, and Rainfall.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed codes for surface visibility, state of sea, and other meteorological terms.

FOREIGN OBSERVATIONS table with columns for Stations, Barom., Wind, Weather, Temp., and Rainfall.

TERMS OF SUBSCRIPTION, METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON W.C.2, N. K. JOHNSON, D.Sc., A.R.C.S., Director.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

Sunday 3rd August 1941.
No. 29109

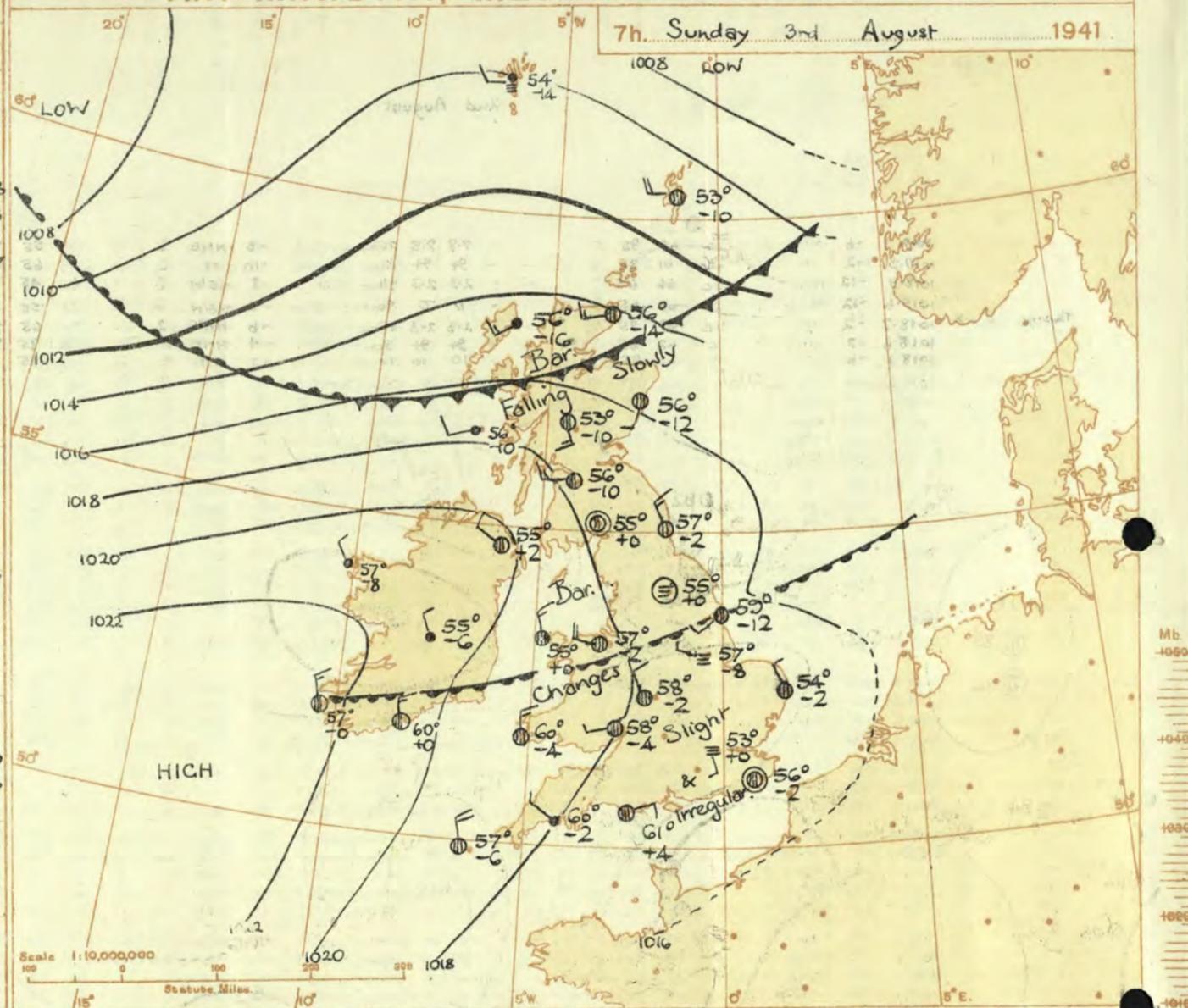
OBSERVATIONS at 13h. G.M.T. 2nd August															OBSERVATIONS at 18h. G.M.T. 2nd August															PAST 24 HOURS.				
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. 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)	WEATHER.							
				Dir.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Dir.			Force.	Form.					Amount.	Height of Base. (feet) (28)	7h.—18h. 2nd...	18h.—18h. 2nd...		18h.—to 1h. 3rd...	1h.—7h. 3rd...						
1	London (Kew)...	1019.1	-6	NNE	3	c	64	85	7	7	-	7.8	7.8	2500	1017.9	-8	NNE	3	b	69	85	8	-	-	-	0	0	-	1	cd, id, cbc	bcby	bybz	bbecmsw	
	Croydon ...	1019.3	-2	N	3	c	61	85	7	5	-	9.4	9.4	1200	1017.7	-10	N	3	b	68	65	8	-	-	-	0	0	-	1	cd, cmo	bcbyb	bmwbcbm	bmbofbbf	
	S. Farnborough	1018.9	-12	NNE	3	bc	66	65	7	1	-	2.3	2.3	1800	1017.9	-8	NE/N	3	b	71	45	7	-	-	-	0	0	-	1	bc	bcby	bybcw	bubcmc	
	Boscombe Down	1019.6	-12	NE/N	3	b	69	65	7	1	-	Tr	Tr	4000	1018.0	-8	NE/N	2	b	73	55	7	-	-	-	0	0	-	0	bc	byb	bcyc	bcc	
	Thornby Island (S. I.)	1018.7	-2	NE	3	bc	67	75	7	1	-	2.3	2.3	1500	1017.5	-6	NE/E	2	b	71	65	7	-	-	-	0	0	-	0	bc	bcmb	bm, bmfge	bf, gbm, wuf	
	Lymington	1018.6	-2	NNE	4	c	62	85	7	5	-	9.4	9.4	900	1018.1	-4	NNE	3	bc	62	85	8	5	-	-	2.3	2.3	1500	1	bc	bcmb	bcbcmw	bcm, cmc	
	Manston	1018.1	-6	NE	4	c	62	85	7	5	-	9.4	10	1000	1017.9	-2	NE	4	b	61	85	7	5	-	-	Tr	Tr	1200	1	cd, cmc	cbcb	bcbwbc	bcm	
2	Shoeburyness ...	1019.2	-4	NE	3	c	65	75	8	5	-	9.4	9.4	2500	1018.1	-2	NE	3	b	63	85	8	-	-	-	0	0	-	0	bc	cbcb	bcw	bubc	
	Felixstowe ...	1018.8	-2	NE/N	4	c	64	75	8	5	-	9	9	1500	1017.8	-4	NNE	3	b	66	65	8	-	-	-	0	0	-	0	id, o	cb	bbw	bucwcu	
	Corleston ...	1019.7	+2	NNE	4	c	60	75	7	5	-	10	10	1000	1018.9	-4	NE	3	bc	61	75	7	2	3	-	4.6	4.6	3000	0	id, c	cb	bec	cbwcu	
	Mildenhall ...	1019.6	-6	NW	4	c	65	75	8	1	-	4.6	7.8	2500	1018.4	-6	N	3	b	63	65	9	-	-	5	0	1	-	0	od, d, od, id, bc	bcb	bbfw	bbwifcm	
	Cranwell ...	1020.5	-8	NNW	3	b	68	65	8	1	-	Tr	Tr	4000	1018.8	-10	ENE	2	b	67	75	8	-	-	1	0	1	-	0	cb	bbcb	b, cmc	c, of, bcf	
3	Birmingham	1020.0	-6	N	1	Zo	73	55	6	1	-	1	1	2500	1018.6	-2	NNE	2	c	70	65	7	8	-	-	9	9	1500	0	bc	bc	cbc	bco	
	Upper Heyford	1019.5	-10	NE	3	b	70	55	7	-	-	0	0	-	1018.3	-2	NNE	2	Zo	70	65	6	-	-	-	0	0	-	0	bcy	bc	bzabcm	dfmcf	
	Ross-on-Wye ...	1019.6	-10	N	3	Zo	73	65	7	1	-	Tr	Tr	4000	1017.8	-8	NE	3	b	75	55	7	2	-	-	Tr	1	4000	0	cm, bz	b	bbcb	bcm	
5	Hartland Point	1020.2	-2	NNE	3	b	64	75	7	-	-	0	0	-	1019.3	-4	NNE	2	b	66	85	8	1	-	1	Tr	1	2500	0	bc	b	bbcb	bcire	
	Bristol ...	1019.9	-16	NNE	4	Zo	71	65	6	-	-	0	0	-	1017.8	-10	NE	2	b	75	65	7	1	-	Tr	Tr	3500	0	cm, bz	bc	bbcbmo	b, cm, wcd		
	Portland Bill ...	1018.8	-8	ENE	2	c	66	85	8	5	-	7.8	7.8	2500	1017.9	-10	SW	1	bc	62	85	8	5	-	2.3	2.3	2500	0	bc	bc	bc	bcc		
	Plymouth ...	1019.7	-6	SSW	3	Zo	65	75	6	1	-	Tr	Tr	3000	1019.1	-4	SSW	4	Zo	64	85	6	1	-	Tr	Tr	3000	0	cm	bbcm	bm, bcm	bcm, cm		
	The Lizard ...	1019.9	0	SSW	2	bc	69	75	6	4	-	4.6	4.6	2500	1018.5	-8	-	0	b	70	75	7	-	-	0	0	-	0	bc	b	bc	bcc		
	Scilly (St. Mary's)	1020.6	-2	N	4	b	66	75	6	-	-	0	0	-	1019.7	-6	NE	4	b	63	85	7	-	-	0	0	-	0	bc	b	bc	bbccw		
	Guernsey ...	1020.6	-2	N	4	b	66	75	6	-	-	0	0	-	1019.7	-6	NE	4	b	63	85	7	-	-	0	0	-	0	bc	b	bc	bbccw		
6	Pembroke ...	1021.8	+2	N	4	Zo	65	92	6	1	1	-	2.3	2.3	4000	1021.0	-2	NNE	3	b	63	85	7	-	-	0	0	-	0	bc	bc	bc	bccf, bcc	
	Holyhead (Valley)	1022.3	-2	NNW	4	c	63	75	7	5	4	6	2.3	7.8	3000	1020.5	-10	NW	3	c	62	75	9	2	5	9	Tr	9	3000	0	cm, cbc	cbcc	cbccmow	cmc
	Chester (Sealand)	1021.5	0	NW	5	Zo	62	85	6	5	-	10	10	400	1019.7	-6	NW	4	c	63	75	8	5	9	8	Tr	9	2500	0	bc, cm, zm	cmabe	c	cmc	
	Manchester ...	1020.4	-8	WN	4	bc	72	65	7	1	5	6	Tr	4.6	3200	1019.4	-2	WN	3	c	65	85	7	5	3	-	1	7.8	3000	0	cm, bc	bc	bcmo	cmc
10	Spurn Head ...	1020.8	+6	NNE	3	bc	60	75	8	4	4	-	2.3	2.3	5700	1019.9	+12	NE/E	2	bc	59	75	7	-	-	5	0	4.6	-	0	bc	bbe	bc	c
	Catterick ...	1021.0	-8	-	0	Zo	67	75	6	5	-	4.6	4.6	1800	1018.4	-6	-	0	Zo	72	65	6	5	3	-	2.3	9.4	2500	0	cm, bcm	cm	ir, of	ofcm	
	Tynemouth ...	1021.6	-10	SE	3	bc	58	85	7	2	3	1	2.3	4.6	2000	1019.4	-12	SE	3	c	58	85	6	8	-	-	7.8	7.8	2000	1	bc	bcc	cbc	bcm
11	St. Abbs Head	1019.7	-12	S	1	c	64	85	7	5	7	-	2.3	9	1500	1017.8	-8	S	2	c	65	85	8	5	7	-	4.6	10	2500	0	c	c	cbcm	cbcm
	Leuchars ...	1019.0	+8	SW	2	c	74	65	8	5	7	-	4.6	9	3500	1016.9	-16	W	2	c	74	55	9	1	9	-	Tr	9	3500	0	c	bcy	bcmobe	bcc
	Renfrew (Abbots L.)	1020.6	-10	WN	3	c	71	65	9	1	7	8	Tr	9.4	3500	1019.7	-6	W	3	c	66	75	9	7	5	2	Tr	7.8	2500	0	cm, c	c	ebcb	bcc
	Eskdalemuir ...	1019.7	-6	SW/S	2	c	70	75	6	8	3	8	4.6	7.8	1500	1017.9	-10	NW/W	3	c	68	75	8	5	7	-	1	7.8	2500	0	cm, c	cm, c	bc	bcb
	Point of Ayre ...	1022.1	-8	WNW	4	c	65	75	8	1	4	6	Tr	7.8	2500	1020.3	-14	NNW	5	c	60	92	8	5	1	-	4.6	9	4000	0	c	c	bc	c
13A	Tirse ...	1022.6	0	W	2	o	59	55	7	5	-	10	10	800	1022.2	-2	NW/N	2	c	57	85	8	5	-	-	7.8	7.8	1500	0	cm, id	oc	c	cod	
13B	Stornoway ...	1021.3	-8	WSW	4	pr	59	92	8	5	7	-	9	10	1000	1020.4	-4	W	4	c	57	92	8	5	7	-	9	10	1500	1	cd, d, pr	cpr	cpr	cpr
15	Dalwhinnie ...	1020.3	-10	WNW	2	c	67	85	8	2	-	8	1	9	4000	1019.0	-6	SW	2	c	66	65	8	2	4	1	1	4.6	4000	0	bcy	cbcc	c	bcc
	Aberdeen ...	1018.9	-10	E/S	1	Zo	67	75	6	7	9	-	1	9	3100	1018.2	-2	ENE	2	c	59	85	7	4	9	-	1	9	2500	0	cm, z	cbcc, c	c	cbz
	Wick ...	1019.2	-2	WN	5	c	62	85	9	5	7	5	4.6	7.8	2500	1018.1	-8	W	4	c	67	92	9	5	4	7	2.3	10	800	0	c	cv	pr, id, id, cd, c	cd, c
	Sumburgh ...	1016.6	-2	WNW	4	yd	55	85	7	5	-	9.4	9.4	500	1015.4	-10	WNW	4	c/d	54	92	8	5	3	-	9	9.4	500	4	d	cd, c	r	cd, c	
17	Blacksod Point...	1025.4	-4	NW	1	c	64	75	8	-	5	-	0	7.8	-	1024.2	-8	WNW	2	dd	60	97	5	6	-	-	10	10	450	1	bc	dd	c	dd
	Malin Head ...	1023.4	-6	W	3	DD	58	92	4	3	-	7.8	7.8	450	1021.6	-16	W	3	dd	59	92	4	6	-	-	9.4	9.4	450	0	cd, c	cd, c	c	c	
	Aldergrove ...	1023.2	-10	NW	2	c	67	75	9	5	5	8	2.3	9.4	5700	1021.7	-14	N	2															

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T.		2nd August		18h. G.M.T.		01h. G.M.T.		3rd August		07h. G.M.T.		
III	C _u	ww	Vh _h	DDFWN	C _u	ww	Vh _h	DDFWN	C _u	ww	Vh _h	DDFWN
109	5-	21746	24556	5-	21745	57555	--	57303	22229	5-	51638	14458
115	--	57109	24459	52	81728	24488	52	81738	24588	5-	67109	20389
208	5-	02938	20228	5-	02938	24328						
206	77	02963	24226	77	02863	28225	5-	01863	00023	57	02854	20328
210	71	02963	24427	51	02963	59327	50	01864	25324	5-	02868	22328
220				51	21734	29358				5-	54408	23358
230	57	51840	22328	54	01842	28355	50	01743	27313	5-	02648	20318
245	59	05674	14228	14	05551	09227	57	05664	00028	5-	02757	20327
260	53	05674	22227	53	02862	22325	54	05662	20313	53	02775	20317
277												
279	73	05644	24225	47	02752	21227				04	05690	30203
285	23	05745	14416									
288	51	08446	04128	57	17484	04217	00	43290	00040	53	08456	04117
273												
301	5-	05628	28328	03	02890	28325	5-	05635	28315	5-	05635	28327
321	10	05651	32321	13	02761	10215	07	05690	14113	5-	08438	24128
299				54	01751	30203				54	05654	26114
292	53	05661	30213	07	05690	08117	00	05690	13110	03	05590	00015
310												
314												
316	03	05690	02213	5-	02766	00016	05	05690	00016	53	41424	28147
333	50	01833	30424	15	02961	30416	5-	02858	00018	53	02735	32327
334	--	01773	24213									
340	10	00702	30302	13	01761	29303	5-	02738	30428	5-	02738	30328
136	5-	02847	32457	50	00853	04313	53	04633	00005	57	02785	20217
336	13	01863	04414	14	01862	28318						
350	5-	00751	02251	50	01763	04204	04	05690	00002	--	48309	20149
368				50	05654					57	05661	10126
379	00	00790	32310	50	01753	32203	00	05690	32110	--	44309	30249
390	50	01754	30324	50	00861	02201	00	05690	32100	09	41690	30246
382	00	00890	03400	50	00853	04103				5-	08428	32128
438	80	02755	02415									
430	50	05643	02413	00	00890	02300	50	08431	00001	57	05612	31113
409	00	05690	03400	00	05790	32400	00	05690	01301	57	22754	02367

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C, C_u - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 3rd August

1 S.E. England	
2 E. England ...	Light northwest wind backing west later. Mainly fair; warm.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Light or moderate northwest wind, backing southwest later. Cloudy periods; light rain locally. Local coast fog; rather warm.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Light northwest to west wind backing southwest. Cloudy periods; slight local rain later; rather warm.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate west wind backing southwest, freshening. Mainly cloudy; rain at times. Rather warm inland; local coast fog.
13A. W. Scotland	
13B. N.W. Scotland	
14 Mid Scotland	Moderate west wind backing southwest and freshening. Cloudy periods; rain later; rather warm.
15 N. E. Scotland	
16 Orkneys and Shetlands	As 12-13B.
17 N. W. Ireland	As 7-9
18 N. E. Ireland	
19 S. E. Ireland	Light northwest wind, backing southwest. Fair at first, cloudy later with local rain. Local coast fog; rather warm.
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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 = Warm Front on the Surface
 = Warm Front above the ground
 = Cold Front on the surface
 = Cold Front above the ground
 = Occluded Front (or Occlusion)
 = Warm Occlusion
 = Cold Occlusion
 = Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)

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

GENERAL INFERENCE.

An anticyclone is centred to southwest of Ireland and depressions are moving east-southeast to north of Scotland. Weather will be mainly fair in the South but there will be occasional rain in the North.

FURTHER OUTLOOK.

Rather unsettled but rainfall amounts probably small in the South and Southwest.

Forecasts issued at 1030 G.M.T.

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

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

C 269/4030. No. 8175. D. 6024. Sp. 340. 3100. 5/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Clark'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 9/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. † Sleet. △ Hail.
 Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. Z Slight haze. so
Hours of observation: -Azores, Greenland, Ships, etc. G.M.T. America and Europe, mainly th, G.M.T.; U.S.S.R. (Europe and Asia), th, local time.

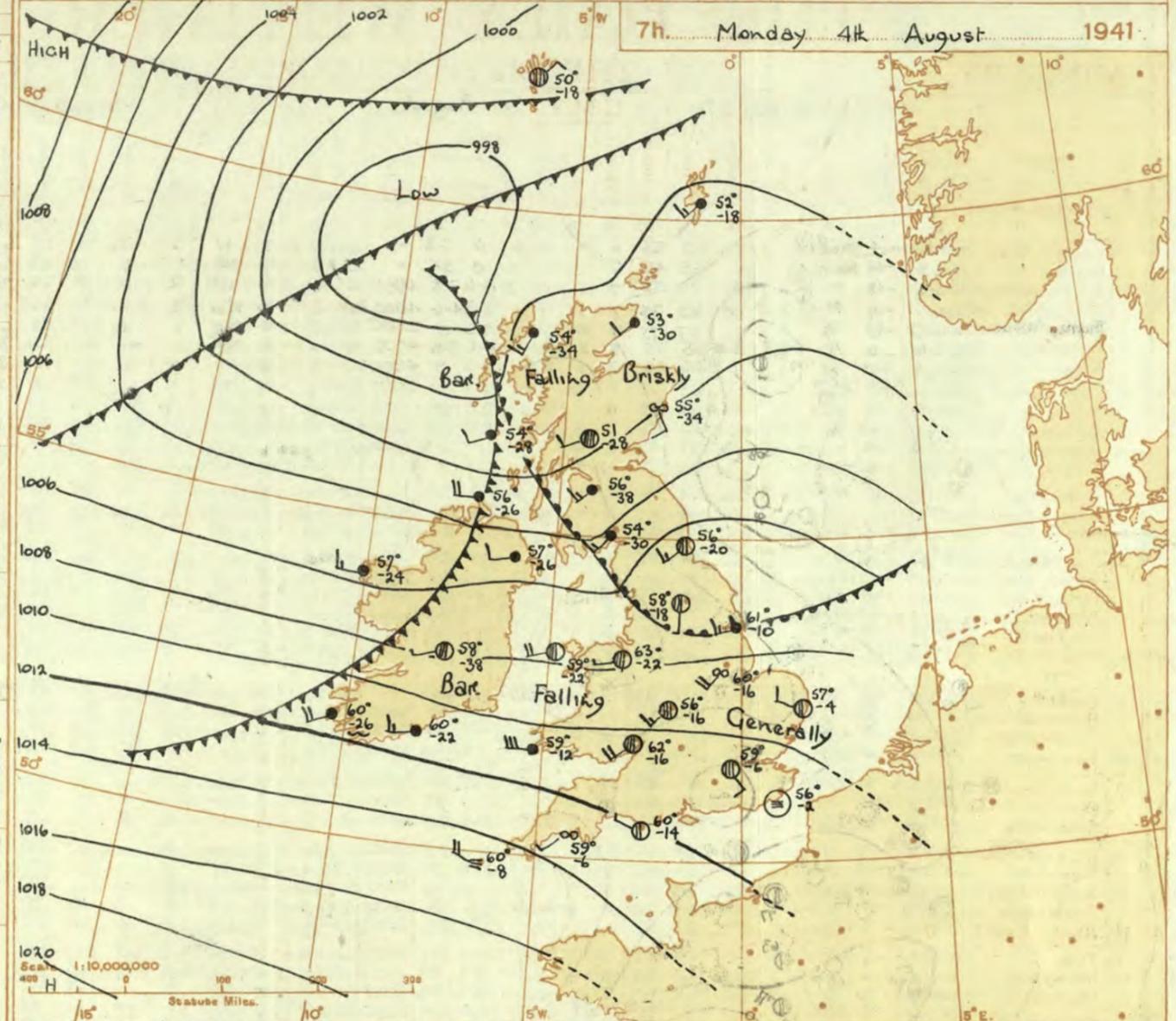
All times are G.M.T. Add two hours to get summer time.

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 3rd August...18h. G.M.T.				01h. G.M.T. 4th August...07h. G.M.T.					
III	C _u	wwVhN _h	DDFWN	C _u	wwVhN _h	DDFWN	C _u	wwVhN _h	DDFWN
109	5-	09838	22458	5-	81747	26457	5-	03748	23428
115	52	09734	22467	52	02944	26487	52	02934	20487
203							5-	02938	20428
206	57	02965	22366	87	02965	26326	50	01862	00023
210	5-	81958	24328	87	02965	26387	5-	02968	00028
220				87	25845	26387			52
230	5-	53738	20358	52	52757	26358	5-	03748	24158
246	57	02765	64467	24	10955	22467	04	01690	00085
260	87	05655	22427	5-	02855	21327	53	05654	21214
277									52
279	7-	02768	20328	5-	02758	21328			6-
285									5-
288	74	05562	04213	8-	02866	24326	50	05663	20213
273									5-
301	5-	02727	28327	5-	02776	28326	5-	05637	24357
321	10	05654	28114	50	05673	26413	50	05561	00001
299	51	05653	28114	5-	05548	18128			5-
292	10	05662	00012	5-	01765	24215	5-	05654	24114
310									--
314	20	05664	28214	00	05690	26100	54	05661	00013
333	5-	01744	28424	54	01974	28314	5-	02748	20168
334									51
340	03	05690	29322	03	05690	32302	5-	02768	00018
136	13	01851	20115	47	05663	24205	04	00590	24312
336									52
350	5-	05637	24147	00	05690	20210	5-	05664	22214
368	10	01861	22425	04	05690	22402			55
379	54	05634	30245	60	00790	28210	5-	05654	32114
390	57	01762	08125	54	01771	00013	00	08490	24140
382	5-	05648	30228	00	05690	28200	03	05690	00014
435	55	01763	16314						--
430				07	05690	16113	00	05590	02100
409	5-	02847	31427	5-	01734	31424	04	45190	27241

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W = Present and past weather—See M.O. 252.
h, N_h = Height and amount of low cloud—See M.O. 252.
N = Total amount of cloud—See M.O. 252.
C_u, M = Form of low and medium cloud—See page 1.
V = Visibility. F = Force of wind—See page 4.
DD = Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Monday 4th August 1941

1 S.E. England	Fresh westerly winds, veering slightly tomorrow. Mainly overcast with local drizzle or light rain at first and more general rain later. Some hill and coast fog locally near the South Coast;
2 E. England ...	Some improvement late in the period; close.
3 E. Midlands ...	Fresh westerly winds, strong locally on the coast, veering toward northwest tomorrow;
4 W. Midlands ...	dull; some rain; hill and coast fog; brighter periods and some showers tomorrow;
5 S.W. England	close today, cooler tomorrow.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind southwest, fresh to strong at times locally chiefly in the west, veering westerly
9 N. Midlands ...	somewhat squally by tomorrow; dull, rainy with fog on hills; intermittent rain or
10 N.E. England	showers with a few brighter intervals spreading from the west later; average
11 S.E. Scotland	temperature but close, becoming cooler.
12 S.W. Scotland & Isle of Man.	
13A. W. Scotland	
13B. N.W. Scotland	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind mainly southwest becoming strong at times; dull; rainy; average temperature.
17 N. W. Ireland	Wind veering northwest to north; mainly cloudy; showery; cooler.
18 N. E. Ireland	
19 S. E. Ireland	Wind southwest, fresh early, veering west to northwest, rather squally; rain at first,
20 S. W. Ireland	then showery with brighter intervals; becoming cooler.

BAROMETER. Isobars are drawn for intervals of two millibars. WIND, WEATHER SYMBOLS. For explanation see opposite page. SEA DISTURBANCE. Rough. High.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 — Warm Front on the surface
 — Warm Front above the ground
 — Cold Front on the surface
 — Cold Front above the ground
 — Occluded Front (or Occlusion)
 — Warm Occlusion
 — Cold Occlusion
 — Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

Pressure is high in the region of the Azores. A deepening depression off Northwest Scotland will move east causing generally unsettled weather with some rain and strong winds locally in the west and north.

FURTHER OUTLOOK.

Unsettled weather continuing, but a period with brighter fairer intervals.

Forecasts issued at 1030 G.M.T.
H.M.S.O. Press, Meteorological Office, Dunstable.

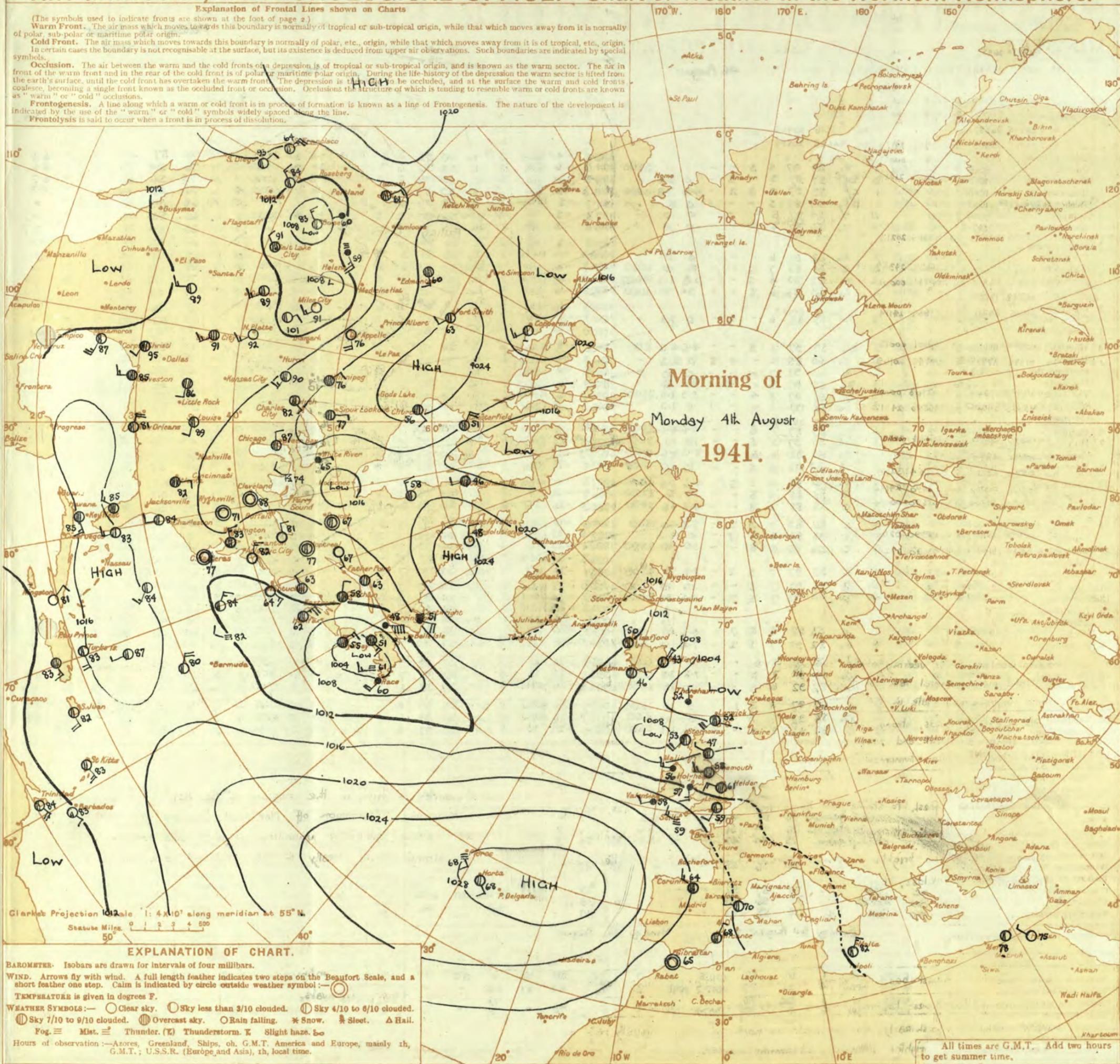
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

C 209/4080, No. 5/76, O. 6034, Gp. 346-3500, 5/41

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

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Frontolysis is said to occur when a front is in process of dissolution.



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. Δ Hail.

☁ Fog. ☁ Mist. ☁ Thunder. ☁ Thunderstorm. ☁ Slight haze. ☁

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.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Main table of weather observations at 1 hr. G.M.T. and 7 hr. G.M.T. for August 4th, 1941, including stations like London (Kew), Birmingham, and various coastal points.

LONDON OBSERVATIONS table with columns for Day 7h-18h, 9h-18h, and 9h-21h, listing weather, temperature, and rainfall for various London stations.

Table with columns for Weather, Temperature, Rainfall, Sunshine, Humidity, and Atmospheric Pollution, providing detailed data for the day.

EXPLANATION OF FIGURES, LETTERS, etc. section containing columns 2, 16, 4, 18, 8, 22, and 30, explaining the meaning of various codes and symbols used in the report.

FOREIGN OBSERVATIONS table listing weather data for stations such as Reykjavik, Lisbon, Madrid, Cairo, Toronto, and Washington.

Table with columns for Evening of Sunday 3rd August, Morning of Monday 4th August, and Past 24 Hours, providing comparative weather data.

Table with columns for 0, 1, 4, 13-18, 9, 47-54, 1, 1-3, 5, 19-24, 10, 55-63, 2, 4-7, 6, 25-31, 11, 64-75, 3, 8-12, 7, 32-38, 12, 75, 8, 39-46, 75, explaining the Beaufort scale and other codes.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION

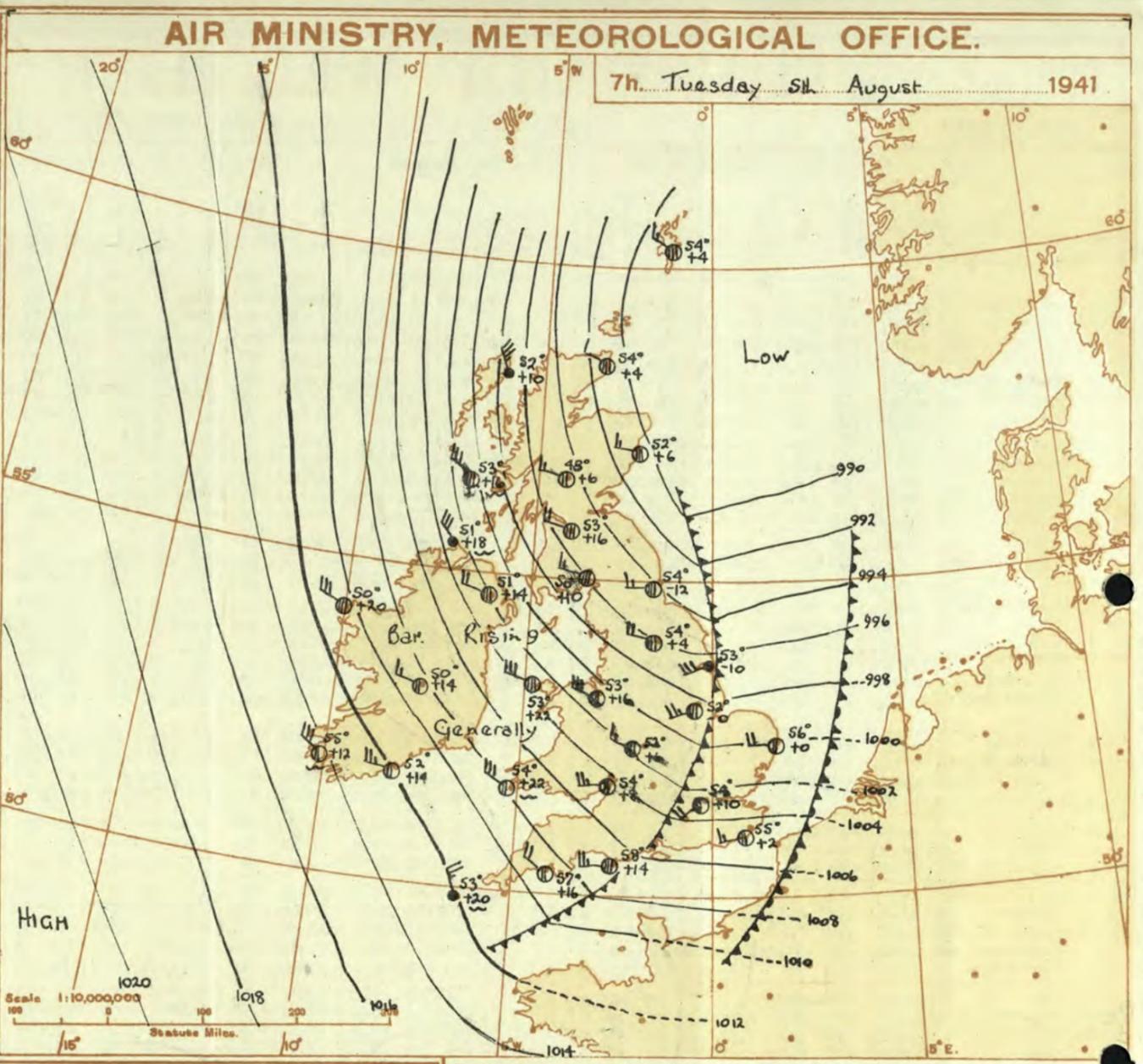
Tuesday, 5th August 1941.
No. 29111

OBSERVATIONS at 13h. G.M.T. 4th August														OBSERVATIONS at 18h. G.M.T. 4th August														PAST 24 HOURS.									
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind.		Temp. °F. (6)	% Humid. (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Temp. °F. (20)	% Humid. (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. (30)	WEATHER.									
				Dirac. (3)	Force. (4)				Weather. (5)	Form.		Height of Base. (feet) (14)	Dirac. (17)			Force. (18)	Weather. (19)				Form.		Height of Base. (feet) (28)	7h.—13h. 4th (37)	13h.—18h. 4th (38)			18h. 4th to 5th (39)	1h.—7h. 5th (40)								
										Low.	Med.										High.	Low.								Med.	High.	Low.	Med.	High.			
1	London (Kew) ...	1007.3	-20	SW	4	C	71	65	8	7	-	7	4.6	10	2500	1004.3	-26	WSW	3	C	62	97	8	6	2	-	4.6	10	1500	1	*	cmowc	cmwvrrbc	crrrbc	bcm	bcbcbcm	
	Croydon ...	1007.7	-24	SW	3	C	71	65	8	2	1	-	9	10	2500	1005.1	-18	SSW	3	Vofo	62	97	7	6	2	-	9+	10	900	1	*	cmoc	rr ror	rorrrbc	bcb	cir, bc	
	S. Farnborough	1007.6	-18	NNW	4	C	73	65	8	7	7	8	7.8	9	1800	1005.0	-14	WSW	4	C	63	92	8	6	2	-	7.8	10	600	1	*	cbccy	cydorrc	domrllbc	b, ebbc		
	Boscombe Down	1009.3	-16	WSW	5	ir	66	75	8	5	1	-	4.6	10	2000	1005.5	-22	SW	5	ir	61	92	7	6	-	-	10	10	800	1	*	bcm	crrroro	cir, rrm	cbcm		
	Chichester (Island)	1009.3	-12	SW	4	C	71	75	8	7	7	-	4.6	9+	4000	1006.5	-16	WS	4	o/r	62	97	7	5	-	-	10	10	450	1	*	bcmwbcz	crrmac	rrembc	ir, cbc		
	Lymington	1009.7	-14	S	2	zo	68	75	6	1	-	6	4.6	7.8	5000	1007.7	-6	SW	4	RR	60	97	5	-	2	-	10	10	100	1	*	fbcm	ccmtrk	cmrrrc	bcm, cpr		
	Manston	1008.4	-18	SW	3	zo	70	75	6	8	-	-	7.8	7.8	2500	1005.7	-4	SW	4	rr	62	92	5	6	2	-	7.8	10	300	1	*	bmbocm	bcir, ror	rrrc	cbucbo		
2	Shoeburyness ...	1008.1	-24	SW	3	C	73	65	7	8	1	-	4.6	10	2500	1005.5	-8	SSW	3	rr	63	92	6	6	1	-	7.8	10	1500	1	*	bcm, cmc	cttrcrr	crrbmo	bmac		
	Felixstowe ...	1006.2	-22	SW	4	C	72	65	7	7	3	-	2.3	9+	2500	1003.7	-14	WSW	4	rr	62	92	7	5	2	-	2.3	10	3500	1	1	c	c, prq, t, ir	irrrbc	bcb		
	Gorleston ...	1006.0	-24	WSW	4	C	72	65	7	8	7	-	4.6	7.8	1800	1003.2	-12	SW	4	pr	62	85	7	6	-	-	10	10	1200	1	3	bcc	copr	opr, rrrbc	ecir, o		
	Mildenhall ...	1005.1	-26	SW	5	C	71	65	7	7	2	-	7.8	10	2000	1002.4	-22	SW	5	rr	61	92	7	6	2	-	4.6	10	2000	1	*	c	cir, q, ors	pr, rrc	ecir, o		
	Cranwell ...	1003.8	-26	WSW	4	C	68	65	8	1	1	-	4.6	10	1200	1000.6	-20	WS	4	rr	61	92	6	6	2	-	7.8	10	600	1	*	cr, c	crr m.	r, rpr, bc	b, epr		
3	Birmingham	1005.3	-14	SW	3	ir	63	75	8	6	2	-	4.6	10	800	1001.5	-22	SW	3	C	61	92	7	6	7	-	9	9+	1500	1	*	cpr	cir	ebcc	irc		
	Upper Heyford	1006.6	-22	WSW	5	ir	65	75	8	5	7	-	4.6	9	2500	1002.7	-30	SW	4	ir	61	92	6	6	2	-	9	10	600	1	*	cir	cidr, cirm	rm, p, rbc	bbcc		
	Ross-on-Wye ...	1006.6	-14	SW	4	ir	63	75	7	6	2	-	2.3	10	2500	1002.7	-20	WSW	4	C	63	85	8	6	7	-	2.3	10	2500	1	*	ccp, c	irc	cbcc	cb		
5	Hartland Point	1003.3	-16	W	4	rr	60	97	7	8	2	-	9	10	1000	1006.1	-6	WNW	5	C	60	97	6	6	2	-	9+	10	1000	1	5	coid, crr	errc	cpr	cprbc		
	Bristol ...	1003.2	-10	WSW	5	ir	61	92	8	6	2	-	9	10	900	1004.9	-26	WSW	5	id	61	92	8	6	2	-	7.8	10	800	1	*	cm, cdir	cir, rrrid	cid, bc	bbcc		
	Portland Bill ...	1003.3	-16	SW	4	C	61	92	7	5	-	-	10	10	2500	1007.1	-16	SW	5	rr	60	92	7	5	-	-	10	10	2500	1	4	c	orr	cbcc	bcc		
	Plymouth ...	1011.9	-12	WS	4	C	61	97	7	5	-	-	10	10	800	1008.2	-26	W	4	rr	59	97	6	6	2	-	9	10	300	1	3	cddmc	cidr, rmo	cbcc	cprbc		
	The Lizard ...	1013.1	-8	WN	5	C	60	97	8	2	-	-	7.8	9+	2100	1009.3	-24	WN	6	dr	59	97	6	5	-	-	10	10	1200	1	5	FFdc	ror, dr	cbcc	cbcc		
	Soilly (St. Mary's)	1013.0	-14	W	4	C	61	92	7	8	7	-	7.8	9+	1500	1003.8	-16	WNW	5	o/r	59	97	7	8	7	-	7.8	10	800	1	4	ofodf	cir	cp, cbc	bepcp		
	Guernsey ...	1013.0	-14	W	4	C	61	92	7	8	7	-	7.8	9+	1500	1003.8	-16	WNW	5	o/r	59	97	7	8	7	-	7.8	10	800	1	4	ofodf	cir	cp, cbc	bepcp		
6	Pembroke ...	1007.7	-14	WS	6	rr	60	97	6	6	2	-	7.8	10	800	1005.2	-4	W	6	cq	59	92	7	8	1	-	4.6	10	2000	1	5	crrmq	rreq	prbc	ebcc		
	Holyhead (Valley)	1002.6	-30	SW	5	zo	59	97	6	5	7	-	9+	10	300	1001.5	-4	SW	4	c	59	85	8	8	-	-	7.8	7.8	2500	1	2	cim, cm	c	cbcc, prq	ebcc		
	Chester (Sealand)	1003.0	-30	SW	4	C	61	85	7	5	2	-	7.8	10	1500	1001.3	-4	WN	4	c	62	65	8	8	7	-	7.8	7.8	2000	1	*	cir, rr	cir, prc	cprbc	PR, r, g, c		
	Manchester ...	1003.3	-24	SW	3	pr	60	85	6	5	-	-	4.6	10	1100	1000.3	-4	W	3	c	60	92	8	5	7	6	-	4.6	7.8	1800	1	*	DDA, q, pr	crr, rbcir	bc, prbc	am, pr, PR	
10	Spurn Head ...	1002.7	-30	WSW	4	C	67	65	6	8	7	-	4.6	9+	2500	998.9	-22	SW	4	ir	63	85	7	8	7	-	4.6	9+	2500	1	4	cm	cprq	cq	cq, ir		
	Catterick ...	1001.1	-22	W	4	ir	61	75	8	5	2	-	4.6	10	1000	1007.6	-8	WNW	4	C	64	65	8	8	7	8	-	4.6	9+	1200	0	2	ccir	circ	ir, pr, b	cpr, bcr	
	Tynemouth ...	1000.4	-28	W	3	C	61	75	6	8	-	-	7.8	7.8	2500	997.8	-12	W	4	C	62	75	7	8	3	-	4.6	7.8	2400	1	2	oirc	cp, c	cbcc	cp		
11	St. Abbs Head	998.2	-38	W	2	C	57	85	8	5	2	-	4.6	10	2000	995.5	-8	WN	3	bc	60	65	9	5	4	-	4.6	7.8	2500	0	2	cr, c	c	cbcc	bec		
	Leuchars ...	996.6	-10	SW	3	C	60	85	8	7	-	-	7.8	9	1500	993.8	-16	WN	4	bc	62	65	8	8	-	-	4.6	4.6	2200	0	*	cr, r, m, c	cprbc	bc	bec		
	Rentrew (Abbots L.)	993.3	-20	W	3	ir	57	82	8	6	7	-	9+	10	900	996.8	-10	WS	4	bc, pr	59	65	8	8	3	-	4.6	4.6	1200	1	*	cr, r, r, o	cir, cpr	cprbc	cpr, r		
	Eskdalemuir ...	998.8	-20	WSW	3	C	56	85	7	5	-	-	10	10	1500	996.7	-8	W	3	C	57	75	8	5	-	-	9	9	1500	1	*	ad, rrc	cprc	cbcc	cir		
	Point of Ayre ...	1001.1	-20	W	5	C	63	92	8	8	-	-	9	9	2500	999.6	-6	WN	4	C	56	92	8	8	7	-	4.6	9+	3000	1	3	rre	cpr	epc	prq		
13A	Three ...	998.9	-6	WN	4	C	58	85	8	8	-	-	7.8	7.8	1500	995.8	-6	WNW	4	bc	57	85	8	6	6	-	4.6	4.6	1800	1	4	cpr	bc, pr	cprq	cpr		
13B	Stornoway ...	996.1	-24	WSW	4	pr	55	92	6	8	7	-	7.8	10	1000	994.3	-4	WNW	3	C	57	92	8	5	6	1	-	4.6	7.8	2000	1	4	cpr	cpr	cpr	cpr	
15	Dalwhinnie ...	996.6	-20	SW	3	C	58	85	8	5	5	-	4.6	9+	1500	997.1	-8	SW	4	C	58	75	7	5	6	-	4.6	7.8	1500	1	*	aprc	cp	cpr	cprbc		
	Aberdeen ...	996.5	-26	WS	2	C	57	92	6	5	7	-	7.8	10	1000	993.1	-14	-	0	PR	58	92	6	9	-	-	9+	9+	2500	1	2	err, r	ctld, pr	cpr	c		
	Wick ...	995.4	-26	S	3	C	54	97	7	5	7	-	7.8	10	400																						

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 4th. August. 18h. G.M.T.				01h. G.M.T. 5th. August. 07h. G.M.T.								
III	C _u	wwVhN _h	DDFWN	C _u	wwVhN _h	DDFWN	C _u	wwVhN _h	DDFWN			
109	5-	61538	24368	87	02854	24325			87	25845	27356	
115	52	81736	20488									
208	8-	81837	20467				5-	81838	32588	6-	82837	28687
206	52	62956	18268	87	25955	22287	8-	02866	00026	87	81855	28287
210	82	10854	20267	83	81955	26368	53	02955	20227	8-	02966	28426
220	83	01854	24315	83	25854	23385				82	81645	30788
230	83	02856	25267	87	81856	20487	8-	02747	24487	8-	25747	61587
245	57	22636	20367	8-	25365	24485	53	02755	26226	84	25965	26386
260	57	22845	22266	26	01853	22414	56	02865	20215	57	02866	24287
278												
279				8-	05857	22387				5-	61844	57428
285	6-	63638	24568							6-	64538	28668
288	81	22844	20368	97	02734	21385	8-	01855	21185	8-	02857	24387
301	62	64526	24468	83	01854	60464	23	02845	59686	9-	25738	60788
321	52	62734	20468	87	22743	56466	57	63545	26265	93	25644	24485
299	5-	22548	20368	5-	22648	20368	50	01753	22313	57	02745	22215
292	52	61745	20358	87	01852	24365	40	01864	22284	87	81856	26387
310	--	02628	24468							--	67429	20549
314	57	61754	55468	87	22655	22367	50	05645	20385	62	63636	22468
333	52	02727	20468	23	25854	24485	8-	81848	57588	2-	01744	28584
334										--	54647	24358
340	52	63865	53468	8-	22867	22367	83	01754	22225			
336	82	25745	20417	57	02734	18568	8-	81757	22367	86	25734	20487
336	62	64663	24468	52	22763	24567				62	64653	28468
350	87	61745	20428	62	61735	18468	53	01743	22463	8-	02745	20425
368	02	64638	22568	62	61627	24568						
379	62	61742	22588	6-	22828	03660	53	01746	20314	53	02844	24425
390	57	81754	26328	52	63654	22368	5-	05686	24466	83	01764	57415
382	57	61865	55525	62	57727	20468	03	02850	22315	84	02855	24415
438	--	44209	24449							86	10844	24685
430	87	05663	55427	62	22726	55568	57	01743	24414	86	00853	24413
409	5-	61618	20568	52	41607	23568	20	01744	57514	50	01854	27514

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W = Present and past weather—See M.O. 252.
h, N_h = Height and amount of low cloud—See M.O. 252.
N = Total amount of cloud—See M.O. 252.
C_u, V_u = Form of low and medium cloud—See page 1.
V = Visibility. F = Force of wind—See page 4.
DD = Direction of wind (E = E, S = S, W = W, SE = SE, etc.).



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Tuesday 5th August
1 S.E. England	Moderate or fresh W to NW wind, strong on E coast; bright periods; showers and local thunder; cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands	
5 S.W. England	Fresh NW wind, strong or gale locally on coast; showers and bright periods; cool.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Fresh N wind, strong to gale on coast; bright periods and showers; local thunder; cool.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Fresh NW-N wind, strong or gale locally on coasts; mainly cloudy but bright intervals; frequent showers; cool.
13A. W. Scotland	
13B. N.W. Scotland	
14 Mid Scotland	
15 N. E. Scotland	Moderate N wind increasing to fresh or strong gale at exposed places; cloudy; frequent showers; cool.
16 Orkneys and Shetlands	
17 N. W. Ireland	Fresh or strong NW wind, gale locally on coasts; bright periods and showers; cool.
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.

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

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

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

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

GENERAL INFERENCE.

A deep depression centred between Shetland and Norway is almost stationary. Cool NW winds over the British Isles will reach gale force at times on the coasts in the West and North. Weather will be showery but with bright intervals in most districts. Thunder will occur locally with some of the heavier showers especially in E and SE England later in the day.

FURTHER OUTLOOK.

Bright periods and occasional showers in most districts.

▲ Gale warning in operation in districts 6, 7, 8, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, and parts of districts 2 and 5. Times of issue 0255 and 0300 5/8/41.

Forecasts issued at 1030 G.M.T.
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

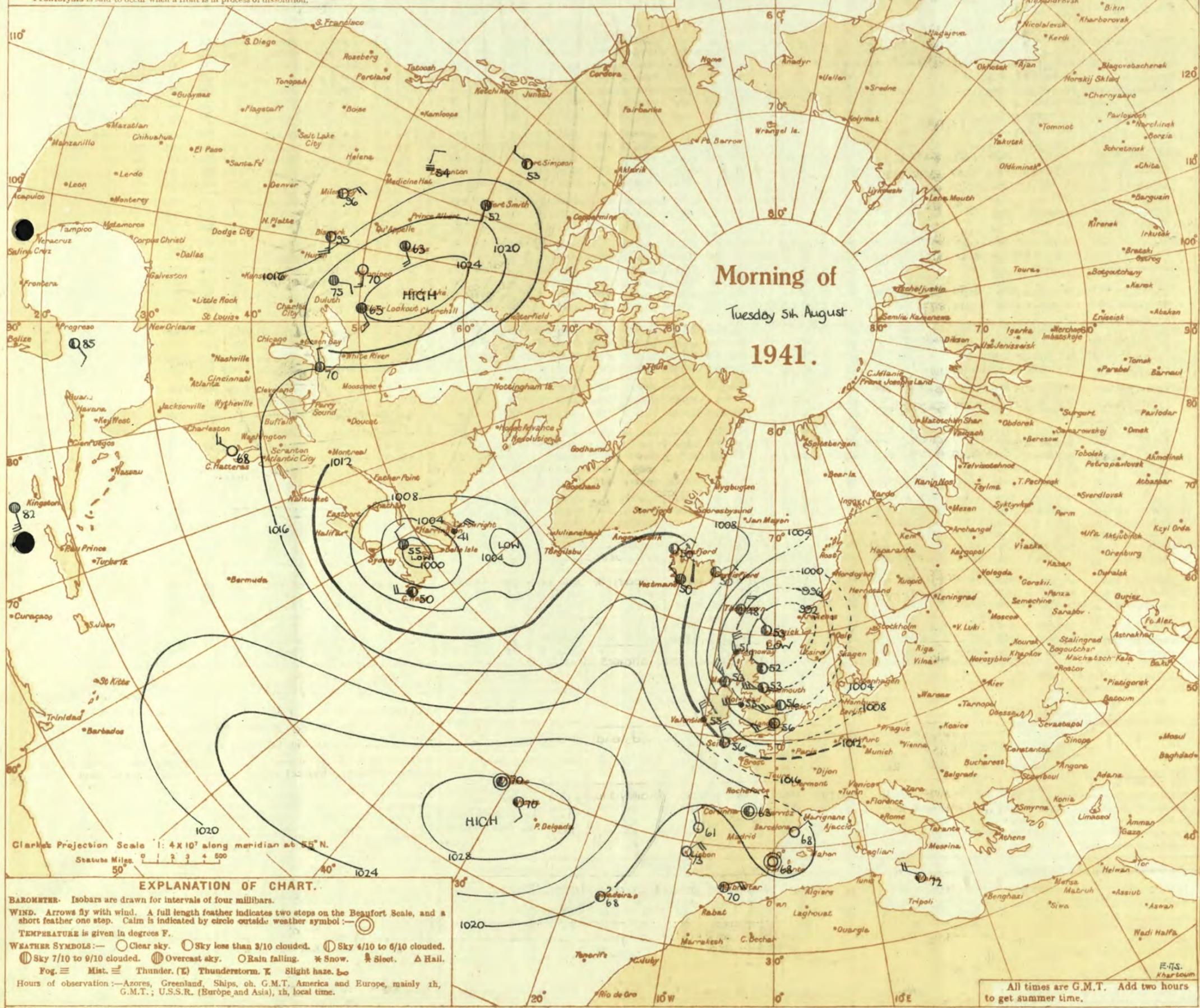
H.M.S.O. Press, Meteorological Office, Dunstable. G 269/4080. No. 9/76. D. 6034. Op. 346. 3500. 3/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.

Morning of
 Tuesday 5th August
 1941.



Clark'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. Δ Hail. Fog. ≡ Mist. ≡ Thunder. (E) Thunderstorm. K Slight haze. ☁
 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.

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

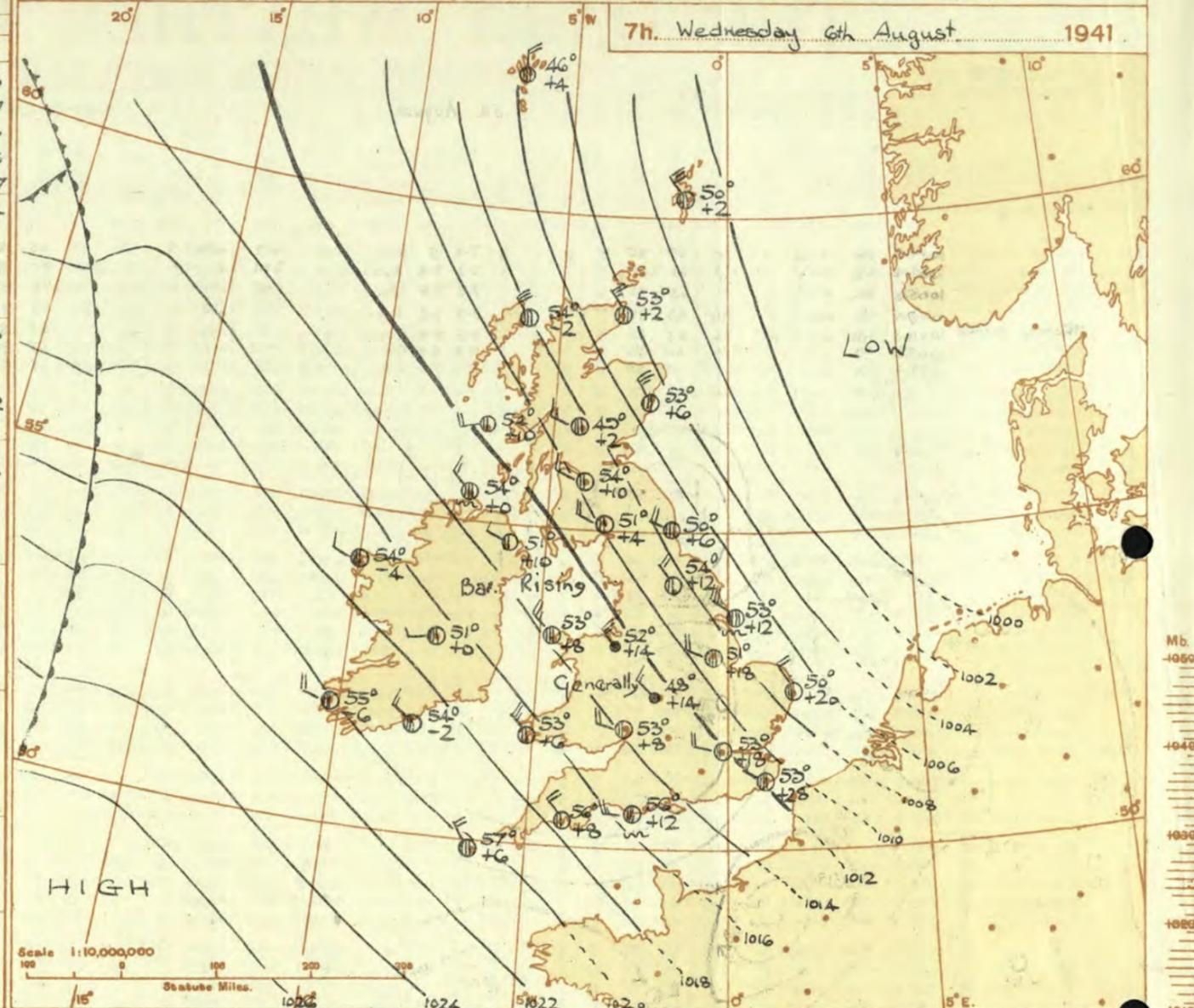
Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 5th August 1941				18h. G.M.T.				01h. G.M.T. 6th August 1941				07h. G.M.T.									
III	ww	Vh	DDFWN	C ₁	C ₂	ww	Vh	DDFWN	C ₁	C ₂	ww	Vh	DDFWN	C ₁	C ₂	ww	Vh	DDFWN	C ₁	C ₂	
109	62	64547	34768	86	15845	65725	5-	02834	29624	8-	25746	62586									
115	62	62734	32587	62	81734	32687	87	02834	32587	52	02834	28527									
203	6-	82838	28688	5-	02836	28686	8-	01835	28525	5-	02838	24428									
206	87	25855	30488	84	02964	60465	40	00953	61483	83	02854	61425									
210	8-	91848	60488	83	02845	63686	50	00851	28521	87	02854	25427									
220	82	25745	31788	50	01855	28515				53	01953	25414									
230	86	25946	29387	86	01862	62784	86	81854	62614	84	01855	28515									
245	26	92866	30487	62	62746	30688	50	01864	28584	77	02855	26417									
260	--	02757	28527	8-	81867	28387	54	01863	59484	54	01872	08951									
277	96	02835	59767	87	02845	60887	14	02841	59526	54	02863	61613									
279	73	02856	61527	82	02856	61427				84	01853	24303									
285	23	91748	26687							53	01744	32515									
288	9-	28845	25396	40	02854	59565	84	22855	61465	54	02865	24316									
278	83	25854	63585					5-	01853	30413	23	00851	30402								
301	62	21736	60788	8-	25747	60787	50	00853	63783	20	01854	62514									
321	62	02634	57588	83	02754	59587	53	01863	26424	54	05673	25413									
299	8-	02746	24366	9-	07737	24367	5-	22538	28768	5-	02737	26627									
292	87	81955	25487	87	25855	58468	57	01863	62585	50	00951	28813									
310	--	64528	24568							--	01635	21415									
314	9-	2547	59837	5-	25736	55487				04	05690	26211									
333	5-	25867	28587	62	64785	61588	2-	01854	59684	83	02744	27515									
334	--	63647	24488							--	54537	30258									
340	5-	61948	59568	2-	81848	26488	5-	61748	60468	2-	28865	28385									
136	86	02745	25686	8-	81847	56687	8-	82748	24688	5-	02877	26687									
336	53	22763	28567	52	22763	28568				52	22763	28567									
350	90	01755	24425	87	81945	57987	62	62646	24388	74	01759	20313									
368	30	25854	26584	86	01954	26684															
379	30	25854	26585	86	02855	26686	62	61636	28668	53	01864	26314									
390	83	25754	27685	66	25744	24587	8-	81646	26588	54	02755	27416									
382	83	25954	23584	56	02955	23587	53	51854	26567	03	01890	26404									
438	8-	14854	24614							50	01763	30513									
430	86	01964	56514	96	81756	57487				50	00941	28481									
409	80	01954	27785	20	00862	27513	5-	02855	62685	24	01853	62483									

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C, C₁, C₂ - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 6th August 1941



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 6th August 1941

1 S.E. England	Moderate or fresh NW wind strong locally on coast, decreasing; bright intervals; occasional showers; very cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Moderate or fresh NW wind decreasing; bright intervals; occasional showers; rain later; very cool.
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.	As 0-3.
13A. W. Scotland	
13B. N.W. Scotland	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Fresh N-NW wind; mainly cloudy with showers; very cool.
17 N. W. Ireland	
18 N. E. Ireland	Light or moderate NW wind backing West; cloudy or occasional rain; cool.
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.

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

 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

A deep depression over S. Norway is receding eastwards and pressure is relatively high to southwest of the British Isles. A trough of low pressure to westward of Ireland will move E.S.E. Weather will continue unsettled with showers in the North and East, and occasional rain later in the West and Southwest. It will be cool generally.

FURTHER OUTLOOK.

Occasional rain or showers generally.

Forecasts issued at 1030 G.M.T.

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

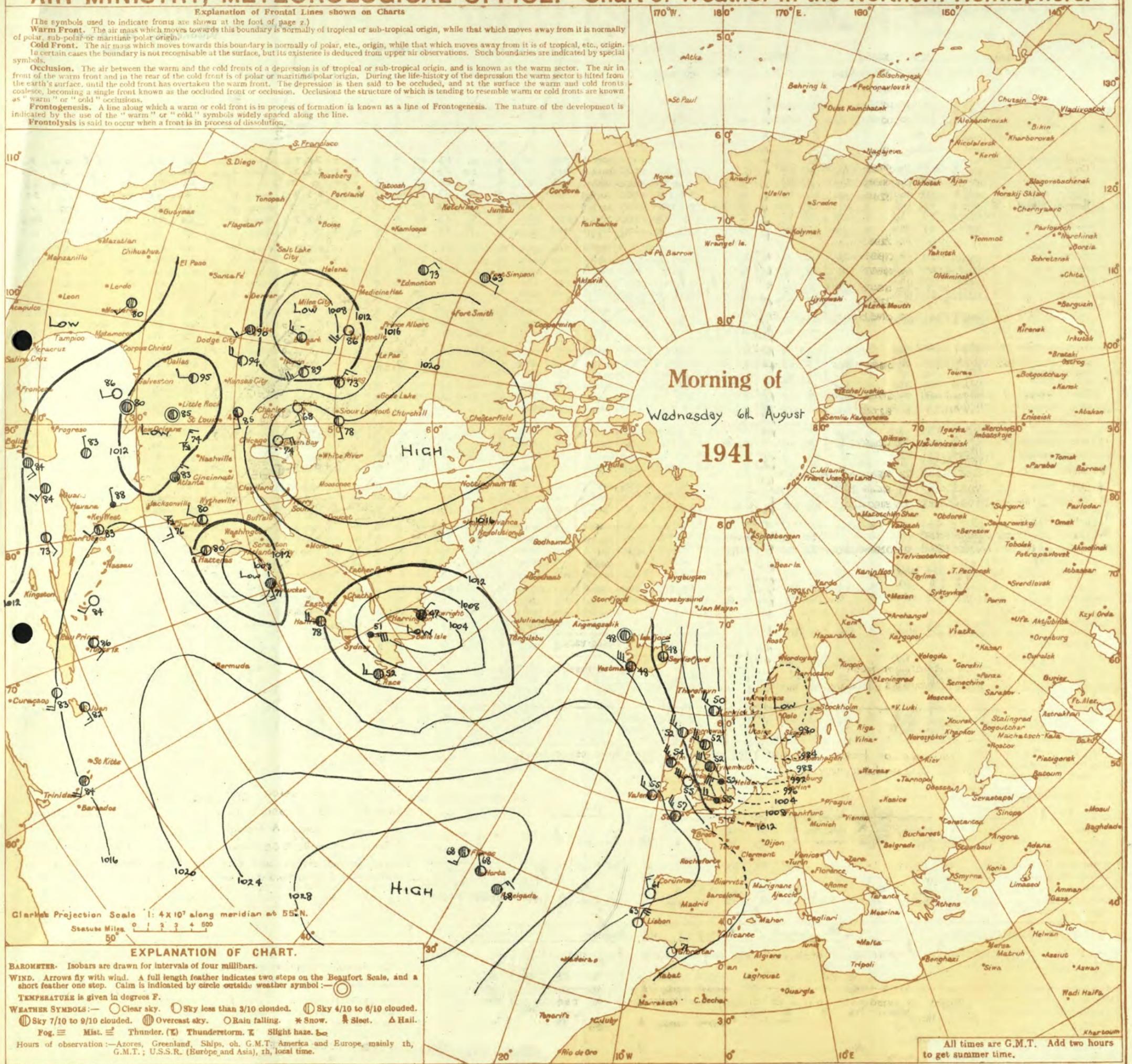
H.M.S.O. Press, Meteorological Office, Dunstable.

G. 289/4080. No. 9176. D. 8034. 6p. 446. 3500. 5/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin.
 In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
 Wednesday 6th August
 1941.

Clark's Projection Scale 1:4 x 10⁷ along meridian at 55° N.
 Statute Miles 0 1 2 3 4 500
 50'

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. Δ Hail. Fog. ☁ Mist. ⚡ Thunder. ☁ Thunderstorm. ☁ Slight haze. ☁
 Hours of observation:—Azores, Greenland, Ships, etc. G.M.T.; America and Europe, mainly 1h, G.M.T.; U.S.S.R. (Europe and Asia), 1h, local time.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 6th August															OBSERVATIONS at 7 hr. G.M.T. 6th August															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.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		Sun-shine 5th. Hrs. (36)						
					Dirac.	Force. 0-12 (4)					Low.	Med.	High.	Low.			Med.	High.					Low.	Med.	High.	Total 0-10 (14)			Dirac.	Force. 0-12 (18)	Low.	Med.	High.		Total 0-10 (27)	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	1007.6	+10	WNW	4	ir	55	85	8	6	-	10	10	1200	1012.5	+20	W	3	c	53	65	8	5	-	7.8	7.8	2500	1	*	61	53	47	0.5	0.6	9.0				
	Croydon	217	1008.5	+14	WNW	5	c	55	85	7	7	3	-	10	10	3000	1013.3	+20	WNW	4	b	53	65	9	5	4	1	2.3	2.3	1500	1	*	62	51	48	1	3	9.9		
	S. Farnborough	226	1008.5	+14	WNW	5	c	55	85	7	7	3	-	10	10	3000	1013.3	+20	WNW	4	b	53	65	9	5	4	1	2.3	2.3	1500	1	*	62	51	48	1	3	9.9		
	Boscombe Down	417	1010.9	+18	WNW	4	c	55	75	8	5	-	7.8	7.8	4000	1014.5	+12	NW	4	b	53	75	7	7	4	-	2.3	2.3	3000	0	*	60	48	44	1	0.4	9.2			
	Turnkey (St. Mary's)	10	1010.0	+10	WS	5	c	57	75	7	5	7	-	7.8	9	1500	1013.8	+20	NW	4	b	55	75	8	1	1	7	7	4000	0	*	64	51	48	1	1	10.8			
	Lympe	346	1007.5	+2	W	4	c	53	85	7	6	2	-	9	9	1200	1012.1	+28	WNW	4	c	53	85	7	1	-	7.8	7.8	1200	1	*	64	49	45	1	1	10.8			
	Manston	154	1005.4	+2	WN	5	pr	53	85	5	9	-	10	10	1200	1010.6	+28	WNW	4	c	54	85	7	9	6	2	9	7.8	7.8	1500	1	*	64	51	51	3	2	10.5		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1011.2	+16	WNW	4	bc	55	75	8	7	7	-	2.3	4.6	4000	1	*	65	51	47	0.5	3	10.3			
	Felixstowe	15	1004.1	+14	WNW	5	ir	54	85	7	5	2	-	1	10	3000	1008.8	+20	NW	4	b	52	75	7	2	6	8	7	1	1400	1	3	65	51	48	0.2	0.5	8.3		
	Gorleston	5	1002.4	+12	WNW	4	ir	54	85	6	6	6	-	10	10	800	1006.4	+20	NW	4	bc	50	85	7	8	-	2.3	4.6	1200	1	4	63	48	47	1	4	9			
	Mildenhall	19	1004.7	+22	WNW	4	ir	51	92	7	5	2	-	4.6	10	1500	1009.5	+20	WN	4	bc	52	75	8	5	3	-	2.3	4.6	5000	1	*	63	47	41	3	2	4.6		
	Cranwell	240	1005.6	+32	WNW	4	ir	52	85	6	5	7	-	4.6	9	3000	1009.8	+18	WNW	4	e	51	75	7	5	-	9	9	4000	0	*	58	47	44	3	2	2.9			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.7	+14	NW	3	ir	48	92	6	6	2	-	7.8	9	800	1	*	58	47	43	0.5	3	3.5			
	Upper Heyford	408	1008.5	+26	WNW	5	pr	53	97	7	8	3	-	4.6	9	1500	1012.4	+20	WNW	5	c	51	75	8	5	-	9	9	1800	1	*	61	48	46	0.5	0.6	*			
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.7	+8	WN	4	bc	53	75	8	5	-	2.3	2.3	4000	0	*	59	49	44	0.2	Tr	*				
5	Hartland Point	299	1015.1	+16	NW	5	c	56	75	8	5	3	-	7.8	9	2500	1017.0	+8	NW	5	bc	54	75	8	2	6	-	2.3	4.6	2500	0	5	58	53	51	Tr	-	15.2		
	Bristol	209	1011.6	+18	NW	5	bc	55	65	8	8	7	-	4.6	4.6	2000	1015.1	+16	WNW	4	c	53	75	9	7	8	-	9	9	3000	1	*	61	50	44	2	Tr	8.2		
	Portland Bill	32	1012.3	+16	N	6	bc	58	85	7	5	-	10	10	2500	1015.3	+12	W	5	c	56	75	8	5	-	10	10	4000	1	5	60	52	*	-	-	*				
	Plymouth	82	1016.8	+14	NW	5	pr	57	65	8	-	-	-	9	9	2000	1018.4	+8	NW	4	bc	56	75	8	8	-	2.3	2.3	2000	0	3	62	53	49	2	Tr	10.8			
	The Lizard	240	1017.9	+16	NW	5	bc	55	75	8	4	-	-	2.3	2.3	2500	1019.0	+6	NW	5	bc	54	85	8	8	6	-	4.6	4.6	2500	0	4	61	53	*	1	-	13.4		
	Scilly (St. Mary's)	163	1019.3	+6	NNW	5	b	57	65	8	2	-	-	1	1	1500	1020.5	+6	WNW	4	c	57	75	8	8	4	-	4.6	7.8	1500	0	4	63	54	*	Tr	0.1	11.9		
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
6	Pembroke	142	1015.5	+22	NW	6	cq	55	75	7	2	-	-	7.8	7.8	2500	1017.4	+6	NW	5	bcq	53	85	8	2	6	-	2.3	4.6	3000	0	4	59	52	*	-	-	10.5		
	Holyhead (Valley)	26	1012.5	+18	NW	6	b	55	75	8	2	-	-	Tr	Tr	2000	1014.1	+8	NW	5	c	52	85	8	8	-	9	7.8	7.8	2500	1	3	59	50	50	0.6	-	*		
	Chester (Sealand)	16	1009.4	+26	WNW	7	c	55	75	7	5	-	-	10	10	1000	1011.2	+14	NW	5	PR	52	85	6	9	-	9	9	2400	1	*	62	51	49	1	6	1.9			
	Manchester	70	1008.0	+26	WNW	4	bc	53	85	7	5	-	-	2.3	2.3	3500	1011.3	+14	WNW	3	bc	53	75	6	2	4	5	2.3	2.3	3000	1	*	60	47	43	4	3	0.9		
10	Spurn Head	29	1001.9	+24	NW	7	RR	52	75	6	8	-	-	10	10	4000	1007.4	+12	NW	6	o	53	75	7	5	-	10	10	4000	1	5	59	51	*	1	4	3.1			
	Catterick	175	1006.3	+30	NW	3	bc	50	65	7	5	7	-	2.3	4.6	2800	1008.8	+12	NW	4	bc	54	65	8	5	7	5	1	4.6	4000	1	*	63	47	42	0.1	2	5.9		
	Tynemouth	108	1004.7	+28	NW	6	c	52	65	7	5	-	-	7.8	7.8	1500	1007.3	+6	WNW	4	e	50	65	7	5	-	7.8	7.8	2200	1	4	62	48	45	3	6	*			
11	St. Abbs Head	280	1004.6	+42	N	8	cq	51	75	8	5	5	-	7.8	9	1500	1006.0	+4	NW	5	bcq	53	97	9	4	4	-	4.6	4.6	2000	1	4	58	47	*	5	3	*		
	Leuchars	36	1006.0	+20	NW	4	cq	50	75	8	8	-	-	7.8	7.8	2200	1006.6	+4	WNW	4	bc	55	65	9	4	7	-	2.3	4.6	5500	0	*	63	49	43	2	-	3.3		
12	Retfey (Abbots L.)	19	1008.7	+10	NW	4	bc	49	75	5	8	3	-	Tr	2.3	2000	1010.3	+10	WNW	3	bc	54	65	8	7	4	4	4.6	4.6	2500	1	*	63	47	40	1	-	3.6		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
	Point of Ayre	30	1009.7	+14	NNW	6	b	54	75	8	1	4	-	Tr	1	2000	1012.6	+14	NW	5	c	55	85	8	2	-	7.8	7.8	2500	1	4	58	52	*	3	-	1.5			
13A	Tiree	22	1011.8	+4	NW	4	bc	53	85	8	7	-	-	2.3	2.3	2800	1011.7	0	WSW	4	bc	54	75	8	5	3	5	1	2.3	3500	0	4	55	52	*	1	-	2.0		
13B	Stornoway	80	1009.6	-2	WNW	5	b	52	92	7	5	4	-	Tr	1	3500	1009.1	-2	NW	6	c	54	85	7	5	3	-	2.3	9	2500	1	3	57	50	*	3	Tr	3.7		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*				
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
	Wick	119	1004.5	+2	WNW	4	pr	51	97	8																														

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Table with columns for District, Stations, Observations at 13h. G.M.T. 6th August, Observations at 18h. G.M.T. 6th August, and Past 24 Hours. Includes weather symbols and cloud data.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

Table explaining weather symbols and cloud forms. Columns include: 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; COLUMNS 12, 13, 26, 27.—FORM OF CLOUD AMOUNT; COLUMNS 22, 23.—STATE OF GROUND.

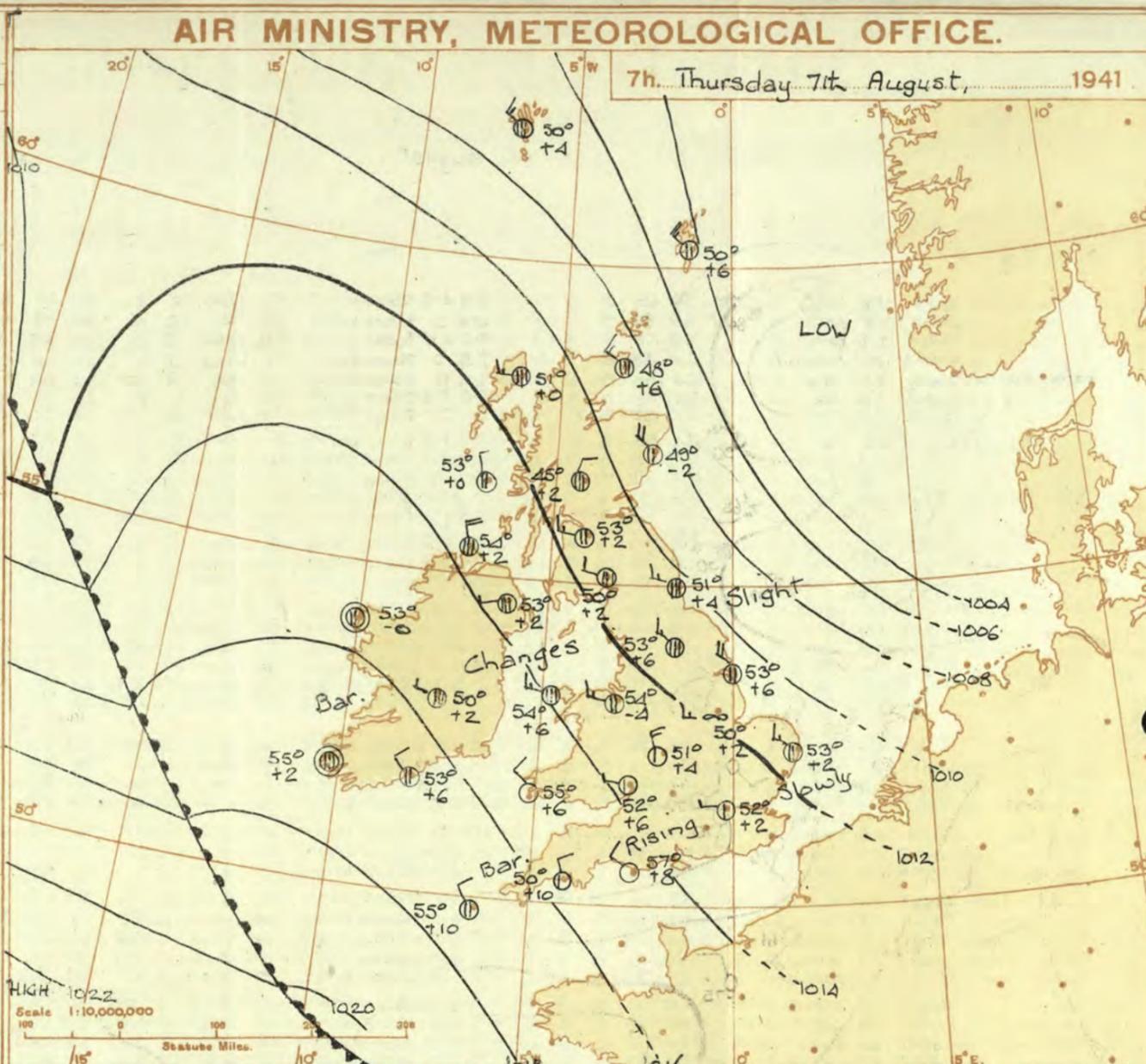
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 6th August 18h. G.M.T.				01h. G.M.T. 7th August 07h. G.M.T.								
III	C _u	wwVhN _h	DDFWN	C _u	wwVhN _h	DDFWN	C _u	wwVhN _h	DDFWN	C _u	wwVhN _h	DDFWN
109	5-	02855	20685	8-	02855	28525	86	02764	61484	83	25844	28484
115				74	02944	32485	52	81844	28587	54	81844	28486
203				3-	82883	28428	5-	02937	28427			
206	87	25064	50487	8-	81748	26388	83	25964	28385	83	01964	26384
210	87	02865	57587	87	82746	26487	5-	25867	25487	8-	81967	25427
220	73	01953	29304	83	25944	30486				03	01990	00003
230	87	02854	27417	8-	02956	27316	8-	25847	28427	70	00951	27211
245	26	02963	24326	87	10965	26386	54	00972	26213	86	01963	19313
260	19	02962	26467	14	01964	24414	5-	01865	20215	5-	08657	00017
278	13	01851	27415	84	02974	26486	8-	01844	26444	83	01843	24314
279	76	02965	26427	77	01963	25314				83	01853	23214
285	23	02854	26526							23	01744	26514
288	77	02854	27327	87	25954	25386	00	00890	22200	5-	02867	2117*
575	8-	02857	26387	13	10854	26287	26	01851	28325			
301	26	02852	28525	23	01952	26424	2-	01854	28314	8-	02756	28416
321	8-	02756	28327	83	02764	27397	04	05690	22201	03	05690	26301
299	87	01744	26415	52	02744	24227	50	00751	24301	5-	02746	26316
292	8-	02955	27227	87	10855	57227	00	00890	23110	53	01863	26113
310										--	01536	24416
324	54	05654	26324	16	02761	26325	83	05667	24327	5-	05662	24202
333	26	01952	27412	84	25964	20315	23	25944	22286	2-	01944	22214
334										--	01683	20104
340	86	01954	28485	20	25955	16186	03	01790	24226	23	00861	26202
136	7-	02857	25487	46	29775	00097	03	05690	19211	10	00741	26311
336	14	01763	28514	54	01763	28415				54	01762	20313
350	8-	25667	28487	86	02655	22227	03	01790	20223	03	05690	24214
308	86	01954	24514	86	10355	22425				23	01851	28104
379	86	25854	26485	26	01854	26384	53	01853	24215	03	01890	26312
390	8-	02756	26416	93	81655	26487	53	05673	26325	04	00790	27311
382	8-	81857	27487	86	81963	26286	05	01790	00014	04	00790	24101
438										53	01862	32113
430	80	02966	26326	86	01963	26315	50	01873	00013	00	00890	00000
409	87	02853	26427	57	02736	21327	5-	09623	05143	50	01845	26115

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W = Present and past weather—See M.O. 252.
h, N_h = Height and amount of low cloud—See M.O. 252.
N = Total amount of cloud—See M.O. 252.
C, C_u = Form of low and medium cloud—See page 1.
V = Visibility. F = Force of wind—See page 4.
DD = Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 7th August
1 S.E. England	Light westerly wind; fair; brighter periods; less cool than of late.
2 E. England ...	Moderate NW winds falling light; mainly cloudy with a few local showers; fine tomorrow;
3 E. Midlands ...	cool today; less cool tomorrow.
4 W. Midlands ...	As 1.
5 S.W. England	Winds westerly, light; backing SW, moderate; fair most of today; some rain or drizzle
6 South Wales ...	later today; becoming slowly warmer.
7 North Wales ...	Moderate NW winds falling light, backing; bright periods with local showers today;
8 N.W. England	cloud increasing with some rain tomorrow; rather cool.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Moderate to fresh NW winds, decreasing; occasional showers; some brighter
12 S.W. Scotland	
& Isle of Man.	As 7-9.
13A. W. Scotland	
13B. N.W. Scotland	
14 Mid Scotland	
15 N. E. Scotland	As 10-11.
16 Orkneys and	
Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	Light SW winds freshening, veering west; mainly cloudy; a period of rain or
19 S. E. Ireland	drizzle spreading from west; becoming milder.
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.

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

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

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

GENERAL INFERENCE.

A ridge of high pressure over Ireland will move slowly eastwards and will be followed by a depression now well to the southwest of Iceland. There will be an interval of fairer weather in most districts but rain will spread to the West by tomorrow. Temperature will rise somewhat.

FURTHER OUTLOOK.

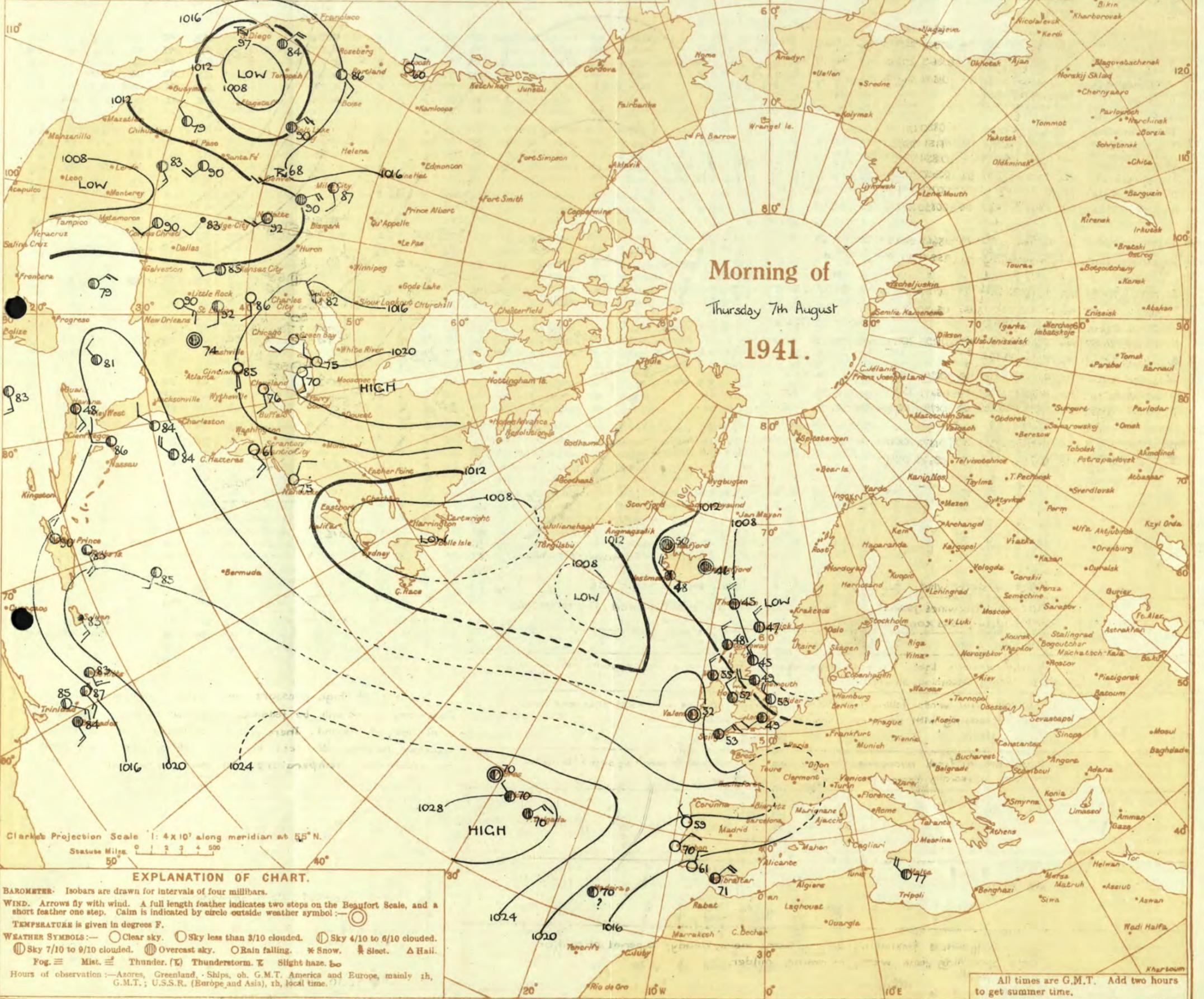
Continuing unsettled. Rain spreading across England

Forecasts issued at 1030 G.M.T.
N. K. JOHNSON, D.Sc., A.R.C.S., Director.
H.M.S.O. Press, Meteorological Office, Druntable. C 289/4080. No. 8. 76. D. 6034. 6p. 246. 3/100. 5/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the surface, becoming a single front known as the occluded front or occlusion. The depression is then said to be occluded, and at the surface the warm and cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 7th August															OBSERVATIONS at 7 hr. G.M.T. 7th August															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	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 (29)	TEMPERATURE.			RAINFALL.		SUNSHINE 6th Hrs. (36)				
					Dir.	Force. 0-12 (4)					Form.	Amount.	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount.					Height of Base. (feet) (23)	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.	Med.	High.	Low.		Med.	High.		
1	London (Kew)	18	1013.6	-4	SSW	2	c	49	92	7	-	3	-	0	7.8	-	1013.6	+8	WSW	2	Zo	51	85	5	-	-	0	0	-	1	62	49	34	0.2	-	6.0			
	Croydon	217	1013.6	-4	WS	1	bc	48	92	7	5	3	-	0	7.8	-	1013.4	+2	WS	1	b	52	85	6	-	4	-	0	Tr	-	1	62	43	41	0.6	-	4.8		
	S. Farnborough	226	1013.7	-4	WS	1	bc	48	92	7	5	3	-	0	7.8	-	1013.8	+8	WS	1	b	48	92	8	-	4	-	0	Tr	-	1	64	40	33	0.4	-	5.6		
	Boacombe Down	417	1014.3	-8	WNW	2	bc	50	92	8	4	-	2	2.3	2.3	5000	1014.4	0	-	0	Zo	49	92	6	-	3	-	0	2.3	-	0	61	43	34	-	-	6.7		
	Thorney (Island)	8	1013.8	-10	-	0	c	48	92	8	-	5	-	0	7.8	-	1013.7	+6	WS	1	b	52	85	7	-	4	-	0	Tr	-	1	65	45	40	-	-	*		
	Lympne	346	1014.3	-4	-	0	c	48	97	7	5	6	5	7.8	9	4000	1013.7	-2	NW	1	Zo	51	85	6	-	-	-	0	0	-	1	62	42	36	0.3	0.4	7.1		
	Manston	154	1012.6	-10	WS	1	c	50	92	7	8	3	-	2.3	9	4500	1012.3	+2	WNW	1	Zo	53	85	6	-	-	-	0	0	-	1	61	46	43	-	Tr	3.3		
2	Shoeburyness	11	1011.8	-6	NW	3	c	55	85	7	-	7	-	0	9.1	-	1013.4	+4	NW	3	b	55	76	6	-	4	-	0	Tr	-	1	63	46	35	Tr	Tr	4.3		
	Felixstowe	15	1012.1	-6	W	2	fr	52	85	6	8	-	-	10	10	1500	1011.9	+6	NW	3	Zo	52	85	6	5	4	-	0	Tr	5000	1	2	63	51	47	-	Tr	3.9	
	Gorleston	5	1012.1	-4	WS	2	c	50	85	7	5	7	-	4.6	7.8	3500	1012.1	+6	WSW	2	Zo	49	85	6	5	3	-	2.3	2.3	5700	0	1	62	46	37	Tr	Tr	4.4	
	Mildenhall	19	1012.0	0	WNW	3	Zo	49	78	6	8	4	1	4.6	7.8	3000	1012.1	+2	W	3	Zo	50	85	6	-	-	-	0	0	-	0	63	44	39	0.5	-	3.5		
3	Birmingham	535	1013.2	-6	W	1	bc	46	92	7	-	3	-	0	4.6	-	1013.6	+4	NNW	3	b	51	85	6	5	-	1	1	2500	1	1	61	47	42	1	-	4.8		
	Upper Heyford	408	1013.2	-6	W	1	bc	46	92	7	-	3	-	0	4.6	-	1013.3	+2	WNW	3	b	51	85	8	-	3	-	0	Tr	-	1	62	43	39	-	-	*		
4	Ross-on-Wye	223	1014.0	-4	WNW	2	bc	53	85	8	2	-	-	4.6	4.6	2500	1014.0	+6	WNW	1	b	52	85	8	5	-	-	0	Tr	4000	0	1	64	48	39	Tr	-	11.2	
5	Hartland Point	299	1014.0	-4	WNW	2	bc	53	85	8	2	-	-	4.6	4.6	2500	1014.7	+8	NW	2	c	57	85	8	5	-	7.8	7.8	2100	0	3	59	53	48	-	-	9.2		
	Bristol	209	1014.5	-6	-	0	c	51	85	8	-	3	-	0	7.8	-	1014.7	+4	WN	2	b	54	85	7	-	4	-	0	Tr	-	1	64	45	35	Tr	Tr	8.1		
	Portland Bill	32	1014.0	-10	W	2	c	56	85	8	2	-	-	7.8	7.8	4000	1013.9	+8	NW	2	bc	57	85	8	5	-	4.6	4.6	4000	0	3	62	52	-	-	-	*		
	Plymouth	82	1014.4	-10	E	2	b	47	97	8	-	3	-	0	Tr	-	1015.9	+10	NNW	2	b	50	92	8	8	-	-	0	Tr	2000	0	2	62	46	40	Tr	Tr	4.9	
	The Lizard	240	1013.3	-8	ENE	4	c	53	97	7	5	2	-	9	10	1500	1016.2	+20	WSW	2	bc	52	97	8	7	-	-	4.6	4.6	2500	1	3	61	48	1	9	4.3		
	Scilly (St. Mary's)	163	1014.2	+16	NE/N	3	bc	53	97	8	8	4	-	4.6	4.6	1500	1016.6	+10	NNW	2	bc	55	97	8	8	4	8	2.3	4.6	1800	1	3	65	51	-	5	9	3.2	
	Guernsey	175	1014.2	+16	NE/N	3	bc	53	97	8	8	4	-	4.6	4.6	1500	1016.6	+10	NNW	2	bc	55	97	8	8	4	8	2.3	4.6	1800	1	3	65	51	-	5	9	3.2	
6	Pembroke	142	1014.1	-4	WNW	2	c	55	92	8	7	-	-	7.8	7.8	4000	1016.0	+6	NNW	2	b	55	85	8	1	3	-	1	1	4000	0	3	59	51	-	-	2.4		
7	Holyhead (Valley)	26	1013.2	0	NW	2	c	52	92	9	2	-	-	10	10	2500	1014.0	+6	WNW	3	c	54	85	8	2	3	-	2.3	7.8	2500	0	2	62	44	36	-	Tr	*	
	Chester (Sealand)	16	1012.8	0	WN	3	bc	52	85	8	2	-	-	4.6	4.6	2500	1012.7	-4	WNW	3	bc	54	75	7	8	-	-	4.6	4.6	2500	1	1	61	51	46	1	0.1	8.2	
8	Manchester	70	1012.6	-2	WNW	1	c/r	49	97	8	2	-	-	2.3	7.8	3000	1012.9	+6	WSW	2	Zo	51	92	6	7	-	-	7.8	7.8	2000	1	1	62	45	39	-	1	10.7	
10	Spurn Head	29	1010.8	-4	WNW	4	bc	53	85	7	5	-	-	4.6	4.6	8700	1011.0	+6	NW	4	bc	53	85	7	-	8	-	0	2.3	-	0	4	61	51	-	0	1	2.5	
	Catterick	175	1010.9	-2	W	2	b	49	75	8	-	-	-	0	0	-	1011.2	+6	NNW	3	c	53	75	8	5	3	-	4.6	7.8	2800	0	1	63	48	42	-	-	4.8	
	Tynemouth	108	1010.0	+2	W	4	b	49	75	7	-	-	-	0	0	-	1010.7	+4	WNW	3	c/pr	51	75	6	8	-	-	7.8	7.8	2800	1	3	62	46	45	-	Tr	*	
11	St. Abbs Head	280	1008.3	+4	NW	4	c	52	75	8	5	2	-	7.8	9.1	2500	1009.8	+2	NW	3	c	50	75	8	8	4	-	4.6	7.8	2000	1	3	59	46	-	-	2	*	
	Leuchars	36	1009.2	+10	NW	1	c	53	75	8	5	-	-	10	10	2800	1010.0	+6	W	3	bc	50	75	8	8	1	-	9	2.3	2.3	3500	0	1	62	49	44	-	Tr	1.8
12	Renfrew (Abbots L.)	19	1010.9	+2	SW	1	c	51	85	8	8	-	-	7.8	7.8	2000	1011.1	+2	WNW	3	bc	53	65	9	8	4	9	Tr	2.3	2000	0	1	62	49	43	-	-	6.8	
	Esdalemuir	794	1012.6	0	WNW	4	b	53	85	8	4	-	-	6	1	3000	1010.9	+2	WNW	2	c	50	85	8	5	-	-	9.1	9.1	1500	0	3	59	43	34	-	-	6.8	
	Point of Ayre	30	1012.6	0	WNW	4	b	53	85	8	4	-	-	6	1	3000	1012.7	0	NW	3	bc	55	85	8	2	4	-	Tr	2.3	1600	0	3	62	52	-	Tr	5.6		
13A	Tiree	22	1011.9	0	WNW	3	bc	54	85	8	5	3	-	4.6	4.6	2500	1012.2	0	NNW	1	bc	53	75	8	5	3	-	4.6	4.6	2500	0	3	60	50	-	-	0.4	10.9	
13B	Stornoway	80	1011.4	+8	NNW	3	c	48	85	7	5	7	-	7.8	9.1	2000	1012.0	0	W	3	c	51	92	8	5	7	-	4.6	9.1	2500	1	2	59	46	-	1	-	2.3	
15	Dalwhinnie	1178	1009.7	+2	NNE	2	e	45	75	8	5	-	-	9.1	9.1	1500	1009.7	+2	NNE	2	e	45	75	8	5	-	-	9.1	9.1	1500	1	1	58	41	35	-	6	3.9	
	Aberdeen	79	1009.7	+2	NNE	2	e	45	75	8	5	-	-	9.1	9.1	1500	1009.7	+2	NNE	2	e	45	75	8	5	-	-	9.1	9.1	1500	1	1	58	41	35	-	6	3.9	
	Wick	119	1007.6	-2	NW	4	c	48	75	8	8	7	-	9	9.1	25																							

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

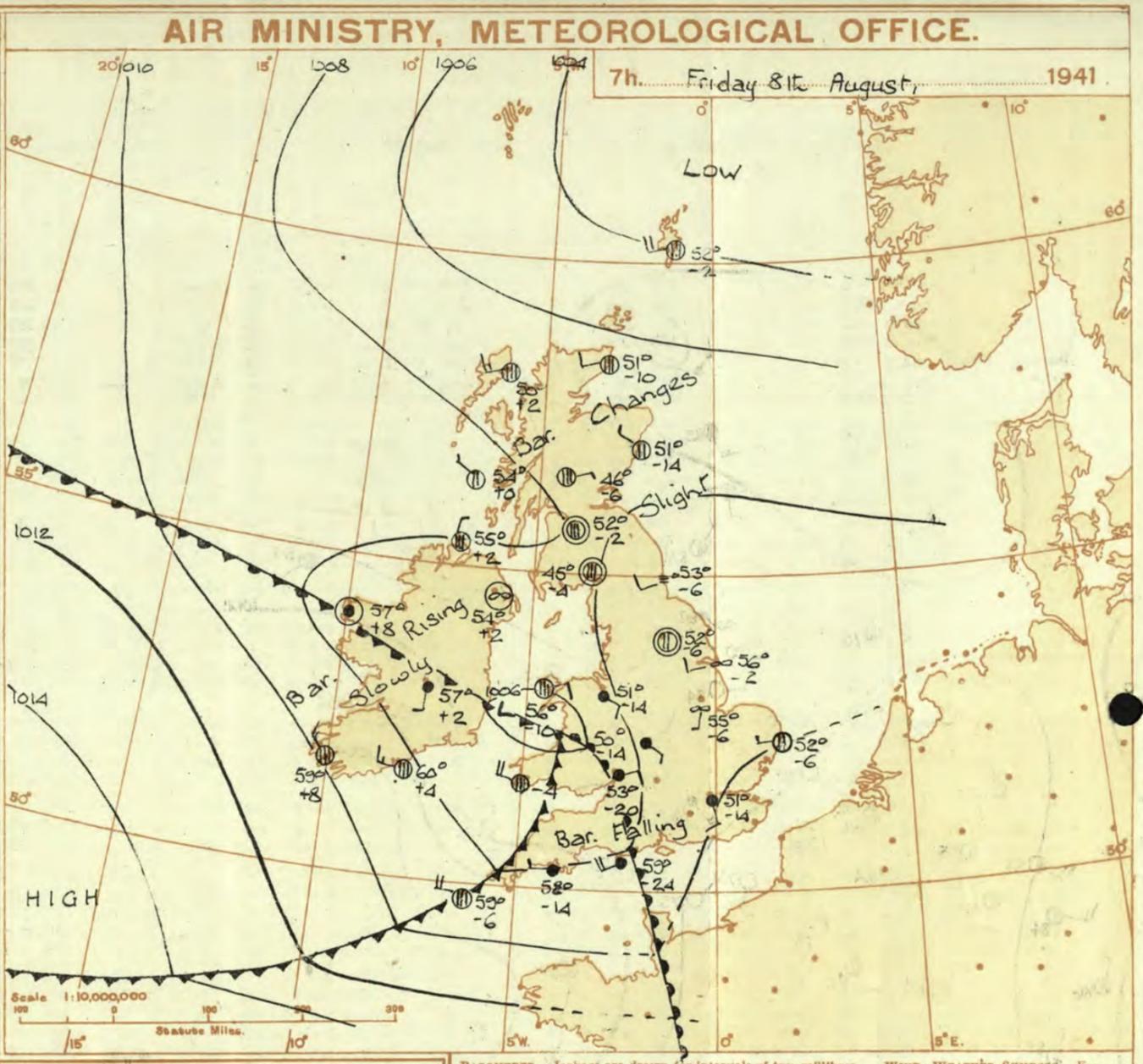
SECRET
BRITISH SECTION
Friday 8th August, 1941.
No. 29, 114.

OBSERVATIONS at 13h. G.M.T. 7th August														OBSERVATIONS at 18h. G.M.T. 7th August														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.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.							
				Dirac.	Force. 0-12 (4)				Form.	Amount. Low Total 0-10 0-10 (11) (12) (13)	Height of Base. (feet) (14)	Dirac.			Force. 0-12 (18)	Form.				Amount. Low Total 0-10 0-10 (23) (24) (25) (26) (27)	Height of Base. (feet) (28)	7h.—18h. 7th (37)	18h.—18h. 7th (38)			18h.—7h. 1h.—8th (39)	1h.—7h. 8th (40)						
1	London (Kew) ...	1013.7	+2	WNW	2	63	65	8	8	-	7-8	7-8	2500	1013.4	-4	WNW	2	62	55	8	7	-	2-4	2-4	2500	1	*	bm, bccy	cy	emw	cr, rr		
	Croydon ...	1013.8	+2	WNW	3	65	55	8	6	-	2-3	3	3000	1013.4	-2	W	1	61	65	8	8	-	2-4	2-4	7000	1	*	bm, bccy	cy	c	cr, rr		
	S. Farnborough	1013.5	+2	NW	2	63	55	8	7	-	3	3	4000	1013.4	-4	W	2	63	55	8	5	-	2-4	2-4	7300	1	*	bbccy	cy	cybc	irr, doo		
	Boscombe Down	1014.6	-2	WN	4	63	55	8	7	6	-	4-6	7-8	3000	1014.2	-8	WNW	3	62	55	8	8	-	4-6	7-8	4000	0	*	bc, m	bc	c	cd, do, r, f	
	Thorney Island	1014.2	-2	W	1	64	65	8	7	-	2-4	2-4	2500	1013.5	-4	WS	3	61	75	8	6	1	1	7-8	4000	0	0	bbcc	bc	cbcc	cr, dd		
	Lympe	1014.4	+2	WNW	2	61	65	7	2	6	-	4-6	2-4	4000	1014.3	-2	WSW	1	60	75	7	2	6	1	4-6	4000	1	0	bm, bcc	cy, cybc	bcw	cw	
	Manston	1013.2	+2	NW	2	62	55	8	2	6	-	2-3	7-8	2500	1013.2	-2	WS	1	62	65	7	8	6	-	7-8	7-8	5000	0	*	bm, bccy	cbccy	cyw	cw, m, bc
2	Shoeburyness ...	1013.2	-2	WNW	2	65	55	8	7	-	7-8	7-8	4000	1013.2	-2	WNW	3	63	55	8	-	3	1	0	7-8	0	0	bm, cy	cbccy	bec	emw		
	Felixstowe ...	1012.4	+2	WNW	3	64	55	8	2	-	3	3	3000	1012.2	-2	WN	3	63	45	7	8	-	1	4-6	4-6	3000	0	2	by, cy	cy, by	bec	emw	
	Gorleston ...	1012.7	+4	NW	2	62	65	7	2	-	7-8	7-8	2000	1012.5	0	SW	3	63	65	7	8	-	10	10	2500	0	3	bc	cbcc	aprc	cbc		
	Mildenhall ...	1012.3	-2	WN	3	63	55	8	8	-	7-8	7-8	3000	1012.1	0	WS	3	63	55	7	8	6	1	4-6	7-8	3000	0	*	bbccy	by, cy, bc	c	cb, m, w, cm	
	Cranwell ...	1012.1	-2	WNW	3	60	65	8	3	-	2-4	2-4	1800	1011.5	-2	WN	4	59	55	7	4	-	2	4-6	3	2000	0	*	bbccy	cm, cy, by, cy	ey, cm	cm, z	
3	Birmingham	1013.5	0	NW	3	59	45	8	5	7	-	7-8	2-4	4000	1012.5	-4	NW	2	58	55	7	5	7	-	10	2500	1	0	b, c	c	c	cor	
	Upper Heyford	1013.5	-12	WNW	4	61	55	8	8	-	7-8	7-8	2500	1012.5	-4	WNW	2	60	65	8	5	-	2-4	2-4	2000	1	0	bc, bc	bc, c	c	cd, r, dd, m		
4	Ross-on-Wye ...	1013.8	-4	WN	3	62	45	9	7	-	3	3	4000	1013.3	-6	WN	2	60	55	9	5	-	1	2-4	4000	0	*	bbccy	cy	cvc	cor		
5	Hartland Point	1015.7	-2	WNW	3	60	65	9	1	4	4	2-3	2-3	2500	1014.7	-10	WSW	3	57	65	9	5	-	2-4	2-4	3000	0	3	bc	bc	cid, r, c	rb, r, f	
	Bristol ...	1014.6	-2	W	3	65	55	8	3	3	-	7-8	7-8	3000	1014.4	-2	W	3	58	65	8	2	3	2-3	7-8	3000	0	3	bbccy	cy, bc	c	cd, do	
	Portland Bill ...	1015.1	+4	W	3	60	62	8	3	-	10	10	4000	1014.5	-10	SW	3	58	65	8	2	-	4-6	4-6	4000	0	3	bc	bc, bc	cpr	cd, do, m, d, m		
	Plymouth ...	1016.1	-4	NW	2	64	55	8	1	-	4-6	4-6	3500	1015.8	-2	NW	3	62	55	8	5	-	6	4-6	3	5000	0	3	cpr, bc	bc, cy	c	cd, do, m, d, m	
	The Lizard	1017.0	+4	WSW	3	62	85	8	2	6	-	4-6	4-6	2500	1016.2	-8	W	3	59	85	8	8	6	-	7-8	7-8	2500	0	3	bc	c	or, r, f	off
	Soilly (St. Mary's)	1017.3	-2	W	2	62	75	8	8	7	3	4-6	7-8	1800	1016.0	-14	SW	2	60	85	8	8	7	-	4-6	10	1400	1	3	bc	c	cr, r, f	off
6	Pembroke ...	1015.7	0	WN	2	58	75	8	1	6	-	2-3	4-6	4000	1014.1	-10	WSW	4	57	85	8	8	-	2-4	2-4	1000	0	3	bc	c	cr, r, m	do, m, c	
7	Holyhead (Valley)	1013.5	-4	W	4	62	75	9	8	-	3	3	6000	1012.6	-10	SW	3	58	75	9	2	3	7	2-3	10	3000	0	2	c	c	cd, do	do, do, do	
	Chester (Sealand)	1013.4	0	NW	3	60	65	8	8	-	2-4	2-4	5000	1013.0	-6	WNW	3	58	55	9	8	-	3	3	4500	0	0	cv	cv	cv	cd, do, do		
8	Manchester ...	1013.1	0	WS	3	59	65	8	8	6	-	3	2-4	1800	1012.6	-4	W	4	57	65	8	7	-	8	4-6	3	2000	0	*	cm, id, c	cpr	cm, be, f	f, g, m
10	Spurn Head ...	1011.2	0	WNW	2	60	65	7	5	-	2	3	2700	1011.1	-4	NWN	3	58	75	6	3	-	2-4	2-4	2500	1	2	c	cpr	bc	bc	cm, c	
	Catterick ...	1010.5	-4	WN	3	63	55	8	3	7	-	4-6	7-8	1800	1011.4	+4	-	55	85	6	8	7	-	7-8	2-4	2500	0	0	cy, cpr	cpr, m	pr, bc	cm, c	
	Tynemouth ...	1011.0	-2	SE	3	55	65	8	8	-	7-8	7-8	2800	1011.2	-2	SE	3	55	85	8	8	3	-	7-8	7-8	3000	1	3	cpr	c	c	cm, m	
11	St. Abbs Head	1009.5	+8	NW	3	56	55	9	4	4	-	2-3	4-6	2500	1009.5	-2	NE	1	56	65	9	4	4	-	2-3	2-3	2500	0	2	bc	bc	bc	cr, c
	Leuchars ...	1009.5	-4	WNW	3	59	55	9	8	-	2-4	2-4	3200	1009.3	-2	SE	2	57	75	9	8	-	7-8	7-8	2500	1	*	bc	cy, cpr, cpr	cpr, bc, bc	bc, bc		
12	Renfrew (Abbots L.)	1011.2	-2	NW	2	60	45	9	1	-	2-3	2-3	3000	1010.3	-6	WN	3	60	55	9	2	-	6	2-3	4-6	2500	0	*	bbccy	bc, bc, bc	bc	cr, f, c	
	Eskdalemuir ...	1010.1	+2	NWN	3	59	45	8	7	-	4-6	4-6	2500	1009.6	-6	WNW	3	58	55	8	8	-	2-3	7-8	2500	0	0	bc, cy	bc	bc, bc	bc, c		
	Point of Ayre ...	1012.7	0	NW	4	58	75	8	8	7	-	4-6	2-4	4000	1011.4	-12	W	3	58	65	8	4	7	-	1	2-4	4000	0	3	bc	c	bc, c	c
13A	Tiree ...	1011.5	-4	WN	2	58	65	8	2	-	4-6	4-6	3500	1010.2	-6	SSW	2	56	75	8	8	-	4-6	4-6	2200	0	2	bc	bc	bc	bc		
13B	Stornoway ...	1011.3	-10	W	2	57	75	8	5	6	1	4-6	7-8	2500	1010.2	-2	S	3	55	85	8	5	3	-	7-8	2-4	2500	1	2	cpr	c	bc	cpr
15	Dalwhinnie ...	1010.7	-2	WNW	2	54	55	8	8	-	3	3	2500	1009.8	-4	NE	2	55	55	8	8	4	9	2-3	7-8	2300	0	*	cy	c	c	cpr	
	Aberdeen ...	1009.3	0	WNW	3	55	65	8	8	-	3	3	2200	1009.3	-2	NW	1	57	55	8	8	-	2-4	2-4	4500	1	2	cpr, c	by, cy	cr, c	bc		
	Wick ...	1008.6	-2	WNW	4	56	65	9	2	7	3	2-3	4-6	3000	1008.5	0	WN	4	53	85	9	5	7	-	4-6	10	3700	*	*	pr	pr	ir, c	bc
16	Sumburgh ...	1005.8	+2	WNW	5	53	75	8	2	-	2-3	2-3	2100	1005.5	+2	NW	4	52	75	8	1	3	1	2-3	4-6	2500	*	*	pr	pr	pr	pr	
17	Blacksod Point ...	1012.5	-18	S	3	58	75	7	6	-	10	10	2500	1007.5	-30	SE	3	58	92	7	5	-	10	10	1500	1	4	ir	ir	bc	dr		
18	Malin Head ...	1012.1	-6	W	3	57	65	8	9	-	4	4	4000	1010.5	-12	NE	1	56	65	8	1	5	-	2-3	7-8	5700	0	2	c	cvc	c	cvc	
	Aldergrove ...	1013.0	-10	SW	3	57	75	9	8	-	10	10	2500	1011.0	-14	-	58	75	9	8	7	7	4-6	2-4	4000	1	*	cv	pr, cv	bc	cid, cm		
19	Birr Castle ...	1013.7	-20	S	1	61	65	8	1	-	7-8	2-4	25																				

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 7th August				18h. G.M.T.				01h. G.M.T. 8th August				07h. G.M.T.			
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN
109	8-	02855	28525	52	25754	24588	5-	02856	20326	86	02754	20325			
115	87	02844	28586	54	62844	24425	87	02844	20326	52	81744	24387			
203	3-	01934	24384	84	01343	28524	5-	10938	20318						
206	27	25065	26185	83	02965	25226	83	01962	28184	87	01960	24115			
210	83	02964	25384	86	02963	28387	53	25364	00086	53	01960	24214			
220	15	01953	24204	53	25854	23286				83	01944	27215			
230	10	01963	20213	84	01964	20314	5-	02867	00027	80	02953	00027			
245	84	02267	25317	45	01863	16385	53	02972	04487	53	02965	25227			
260	1-	01964	30184	26	01963	20214	5-	02888	00018	5-	61838	00068			
27826	01952	27383	8-	02977	16127	5-	02867	10217	52	54606	18158				
279	8-	25855	27485	24	02856	22387				8-	25867	08187			
285	23	25748	26986												
288	86	25855	23286	87	02855	08225	03	05630	20126						
292	57	02847	24227	53	02854	20127	5-	21744	00056	5-	21728	00088			
301	86	01954	24414	87	01952	26426	13	00852	10114	07	05530	12214			
321	8-	02755	26325	53	02764	26417	03	05630	20228	03	05630	21113			
299	57	05745	30227	62	61645	00068	5-	05657	20227	50	05330	00013			
292	76	02267	25327	87	81846	14287	53	02863	00085	03	05630	00013			
310	--	01644	26314							--	03628	20328			
21426	02764	26215	46	02774	27225	5-	05678	24128	07	06530	00027				
333	8-	02959	28327	43	02962	20327	52	61855	14368	5-	21848	14858			
334	--	02846	26217							--	54437	24258			
340	8-	02963	26327	5-	02957	28227	53	00762	15203	02	54438	10358			
136	86	02856	25316	86	02854	24385	03	05630	24117	24	05665	18116			
336	53	01863	28316	51	02763	28318				--	67309	08369			
350	26	01754	24414	7-	02857	24227	05	05630	22124	52	64636	16268			
368	73	02964	24426	47	02962	22327									
379	8-	02877	26317	8-	02867	24227	53	02763	20227	--	67309	12369			
390	83	02764	26215	53	02765	26117	53	05673	20224	57	05665	20128			
382	43	01854	29315	7-	02867	24327	53	02762	22125	62	58536	13368			
435	80	02855	24415							62	64744	13568			
430	8-	02877	20317	4-	02875	20325	07	02730	20227	32	54536	16258			
400	84	01953	30214	5-	02968	19328	02	64408	18468	02	57108	23468			

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
 ww, W - Present and past weather—See M.O. 252.
 h, N_h - Height and amount of low cloud—See M.O. 252.
 N - Total amount of cloud—See M.O. 252.
 C, C_M - Form of low and medium cloud—See page 1.
 V - Visibility. F - Force of wind—See page 4.
 DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 8th August, 1941.
1 S.E. England	Wind W.-N.W., mainly light or moderate; dull, with rain at first, some improvement later; cool
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light or moderate N.W. wind; cloudy; occasional slight rain or drizzle; rather cool.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Light W. to N.W. or variable wind; showers, bright intervals; rather cool.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13A. W. Scotland	
13B. 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.

FRONTS or boundaries between masses of air of different origin are indicated; wherever their characteristics are well pronounced in the following way—
 — Warm Front on the surface
 — Warm Front above the ground
 — Cold Front on the surface
 — Cold Front above the ground
 — Occluded Front (or Occlusion)
 — Warm Occlusion
 — Cold Occlusion
 — Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

A small depression over Wales will move quickly E.S.E., whilst a trough of low pressure north of Scotland is moving southeast. A ridge of relatively higher pressure will spread in slowly over the country. Weather will be cool and unsettled generally.

FURTHER OUTLOOK.

Unsettled and cool.

Forecasts issued at 1030h. G.M.T.
 H.M.S.O. Press, Meteorological Office, Dunstable.

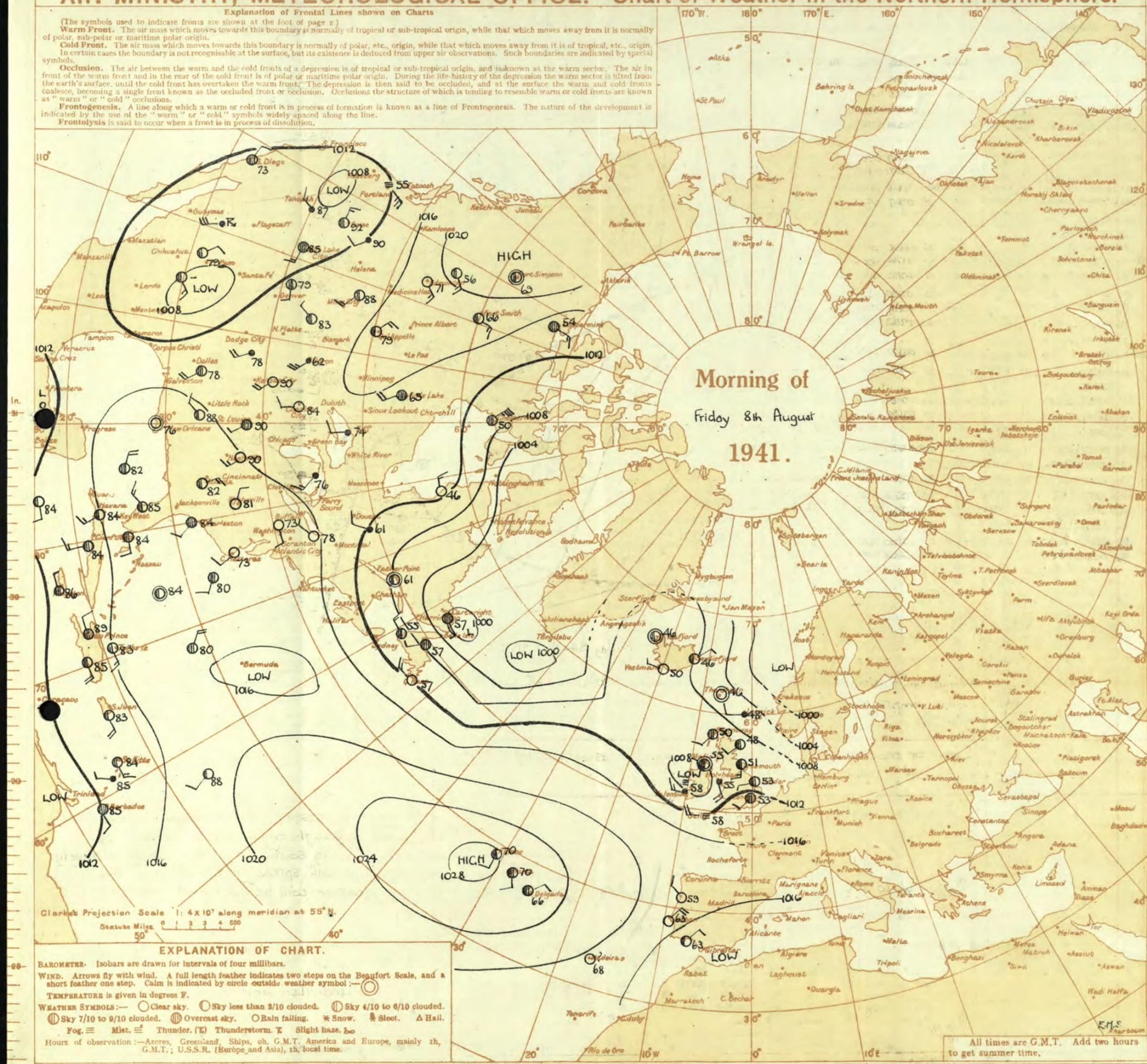
N. K. JOHNSON, D.Sc., A.R.C.S.,
 Director.
 C 269/4020. No. 8/76. D. 6034. Gp. 948 3300. 8/41

As 5-7

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
Friday 8th August
1941.

Clarke's Projection Scale 1: 4x10⁷ along meridian at 55° N.
 Statute Miles 0 1 2 3 4 500
 50°

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. Δ Hail. Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. X Slight haze. bo
 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.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 8th August															OBSERVATIONS at 7 hr. G.M.T. 8th August															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. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE (36)		
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Form.	Amount.			Height of Base (feet).	Form.					Amount.	Height of Base (feet).	Form.	Amount.	Height of Base (feet).			Max. Day 7h-15h °F. (31)	Min. Night 15h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-15h mm. (34)	Night 15h-7h mm. (35)			
1	London (Kew) ... 18		1013.1	-6	SSW	2	c	53	75	7	3	6	2-3	7-8	3000	1009.7	-14	ESE	2	rr	53	85	4	6	2	-	4-6	10	1500	1		64	52	44	-	2	6.1	
	Croydon ... 217		1013.1	-6	SSW	2	c	53	75	7	3	6	2-3	7-8	3000	1010.2	-14	ESE	2	rr	51	92	4	6	2	-	7-8	10	1400	1		66	50	47	-	1	8.1	
	S. Farnborough ... 226		1012.4	-6	W'S	1	c	51	85	8	-	3	9	0	7-8	-	1009.3	-22	SE	2	dd	52	55	5	5	-	10	10	600	1		66	49	42	-	1	6.9	
	Boacombe Down ... 417		1013.7	-8	SW'W	1	c	51	85	8	-	7	0	10	-	1007.0	-22	ESE	4	RR	54	97	5	5	-	10	10	200	1		64	50	44	-	1	1.8		
	Cobham (S. East.) ... 108		1013.4	-10	W	2	c	55	75	7	-	7	0	9+	-	1009.2	-28	ESE	3	id	56	92	6	5	-	10	10	800	1		67	53	48	-	1	+		
	Lymington ... 346		1014.4	-4	WSW	2	c	55	97	7	5	3	-	4-6	9	7000	1012.4	-10	-	0	c	53	85	8	5	2	-	4-6	9+	6000	1		65	50	42	-	-	7.1
	Manston ... 154		1012.3	-10	SW'W	2	Zo	55	92	6	5	7	-	2-3	9	4000	1010.7	-6	SW'W	2	c	56	75	8	5	3	-	9	9+	7000	0		65	51	50	-	-	10.8

LONDON OBSERVATIONS
Day 7h-15h, Kew & Croydon.
9h-15h, Kensington.
9h-21h, other stations except for rainfall which is 9h-15h.

STATIONS.	Height above S.M.S.L. in feet.	Weather			Temperature.			Rainfall.		Sunshine.		Humidity.		Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.
		Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.	Sunshine. 15h. G.M.T.	9h. G.M.T.	15h. G.M.T.	9h. G.M.T.	
Kew ... 18		b.m.	b.c.	c.m.	64	52	44	-	2	6.1	-	-	-	
CROYDON ... 217		b.m.	b.c.	c.m.	66	50	47	-	1	8.1	-	-	-	
GREENWICH (Royal Observatory) ... 149		cy	cy	cr.m.	65	49	43	-	4	7.3	49	95	5	
CITY (Bunhill Row) ... -		
WESTMINSTER (St. James' Park) ... 27		.	.	.	67	51	49	5	.	59	96	.	.	
REGENTS PK. (Botanic Gardens) ... 168		
CAMDEN SQUARE ... 110		be	bc	.	67	51	47	-	5	*	.	95	.	
KENSINGTON ... 80		o	o	.	67	51	44	-	5	.	56	96	.	
HAMPSTEAD OBSERVATORY ... 450		be	beor	or	64	49	46	-	4	.	.	96	.	

FOREIGN OBSERVATIONS.

STATIONS.	Barom. mb.	Wind.		Weather.	Temp. °F.	Barom. mb.	Wind.		Weather.	Temp. °F.	Past 24 Hours.	
		Dir.	Force.				Dir.	Force.			Max. Day °F.	Min. Night °F.
Reykjavik (15h and 07h) ...	1007.7	WNW	5	bc	55	1010.2	SSW	1	bc	48	57	+
Lisbon (15h and 07h) ...	1015.0	NNE	5	b	81	1016.9	NE'N	4	Zo	66	90	59
Madrid (15h and 07h) ...	903.0	NNW	1	b	77	904.1	NE	2	b	63	82	57
Cairo (Heliopolis) (15h and 06h) ...	1006.1	NW'W	2	b	85	1008.0	WNW	1	c	75	95	+
Toronto (13h and 01h) ...	1021.0	-	0	b	61	-	-	-	-	-	-	-
Washington (13h and 01h) ...	-	-	-	-	-	-	-	-	-	-	-	-

EXPLANATION OF FIGURES, LETTERS, etc.

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.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	76
		8	39-46		

COLUMN 30—Code for State of Sea.

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

COLUMNS 34, 35.
Tr. = rain has fallen, but amount less than 0.1 mm.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

BRITISH SECTION

Saturday 9th August 1941.

No. 25 115.

OBSERVATIONS at 1gh. G.M.T. 8th August

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

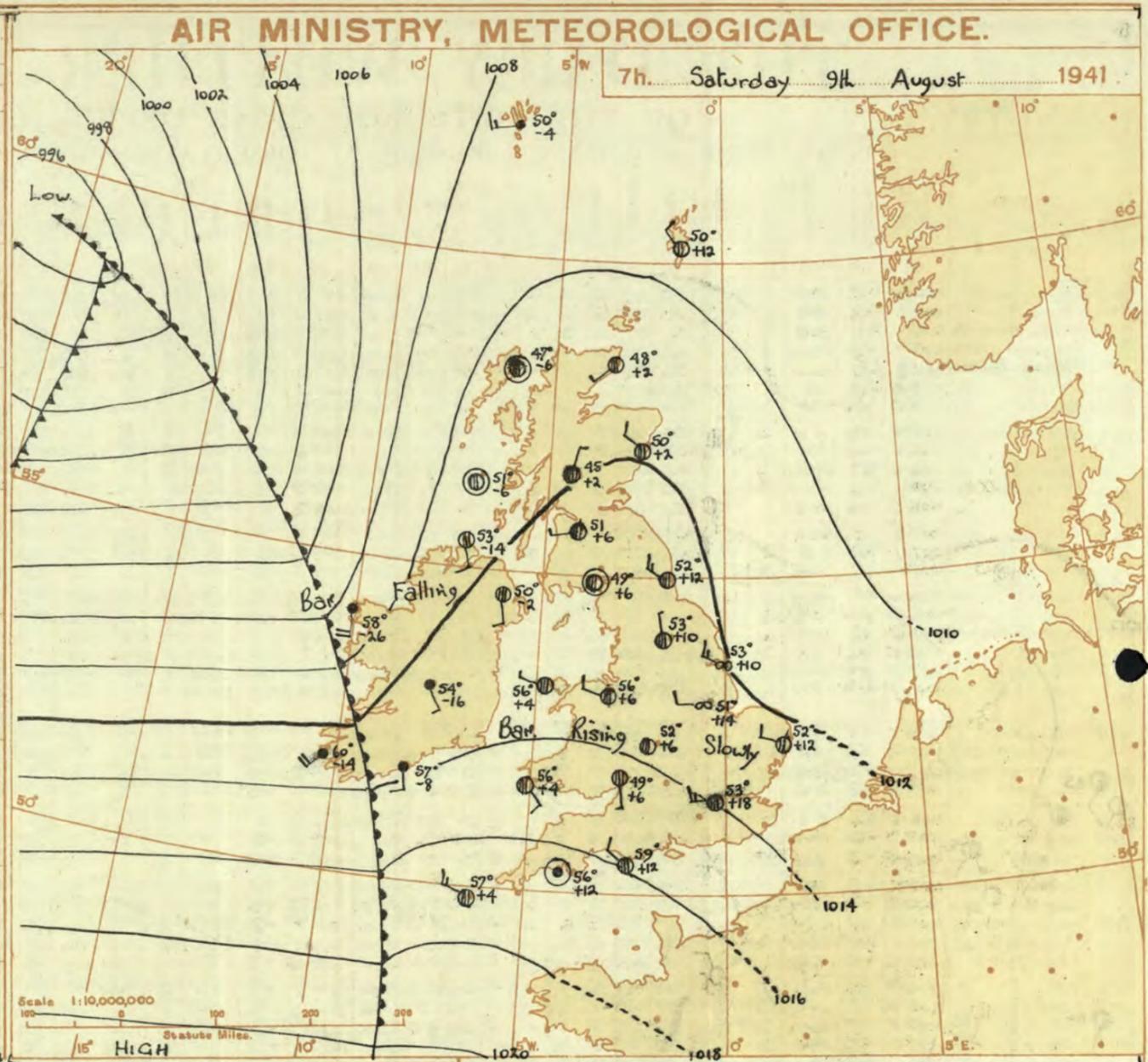
PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-6 (29)	Sea. 0-9 (30)	WEATHER.															
				Direc. (3)	Force. 0-12 (4)				Weather. (5)	Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Form. (23)			Amount. (24)	Height of Base. (feet) (28)				7h.—18h. 8th (37)	18h.—18h. 8th (38)	18h.—18h. 8th (39)	1h.—7h. 9th (40)																			
																									Low.			Med.	High.	Low.	Med.	High.											
1	London (Kew)...	1006.8	-12	SSE	2	id.	59	87	6	5	2	-	7-8	10	1500	1007.6	+10	NW	3	id.	60	82	5	5	-	2	2	1500	1	*	rdmrdid	m	cid	m	cbcb	cm	bc	bb	cm	bc			
	Croydon ...	1007.1	-14	SSE	2	d.	59	87	6	6	2	-	4-6	10	800	1007.0	+4	W	2	c	60	87	4	5	-	10	10	300	1	*	rd	d	d	d	d	d	d	d	d	d	d		
	S. Farnborough	1006.1	-14	SSE	2	c/d	61	87	6	5	2	-	7-8	7-8	500	1005.5	+16	NW	3	c	61	85	7	8	-	10	10	1400	1	*	od	d	rc	cm	d	c	bc	bc	bc	bc	bc	bc	
	Boscombe Down (Thorney Island)	1006.7	-4	WNW	4	c/r	64	82	8	6	2	-	7-8	2	1000	1008.5	+14	NW	4	c	63	75	8	5	-	7-8	7-8	2500	0	*	cd	doir	c	bc	bc	bc	bc	bc	bc	bc	bc	bc	
	Lympne ...	1006.5	-12	WNW	2	id.	66	85	8	5	-	-	2	10	800	1007.2	+8	NW	4	c	66	75	7	4	6	3	-	10	10	200	1	*	m	cid	id	sp	rc	bc	bc	bc	bc	bc	bc
Manston ...	1006.5	-14	S	3	DD	55	87	4	5	6	-	10	10	200	1007.6	-4	N	0	0	59	87	7	7	5	-	10	10	800	1	*	rr	RR	m	DD	fr	rc	bc						
2	Shoeburyness ...	1008.5	-20	SW	3	c/r	58	87	5	6	2	-	7-8	10	1500	1007.9	-2	SE	2	ir	59	82	8	5	2	-	10	10	800	1	*	cr	rm	cr	rm	cr	rm	cr	rm	cr	rm	cr	rm
	Felixstowe ...	1008.7	-14	S	2	c/r	59	85	8	6	1	-	2	10	800	1007.6	-4	SE	2	id.	59	85	8	6	1	-	10	10	1700	1	3	bc	c	od	d	bc							
	Gorleston ...	1008.8	-12	SW	3	c	62	85	7	5	2	-	2	10	2400	1008.4	-2	SW	2	id.	59	82	6	6	1	-	10	10	300	1	*	bc	c	od	d	bc							
	Mildenhall ...	1008.1	-10	WSW	2	c	59	85	8	5	2	-	7-8	10	1200	1007.9	+4	N	1	c/d	58	87	7	5	2	-	7-8	10	300	1	*	bc	c	od	d	bc							
	Cranwell ...	1008.3	-4	SSE	1	c	60	85	6	5	-	-	2	10	5700	1008.2	0	NE	1	bc	62	65	7	5	3	-	2-3	4-6	5700	0	*	bc	c	od	d	bc							
3	Birmingham	1007.8	0	ESE	1	d.	55	87	4	6	-	-	10	10	800	1008.0	+4	W	1	bc	62	65	6	5	3	-	1	2-3	4000	1	*	bc	c	od	d	bc							
	Upper Heyford	1007.1	-6	ENE	2	id.	57	87	5	6	2	-	9	10	300	1008.0	+4	N	2	bc	59	85	7	8	1	-	2-3	2-3	1500	1	*	bc	c	od	d	bc							
4	Ross-on-Wye	1007.1	0	NW	3	c	61	85	7	5	-	-	10	10	1500	1008.5	+4	NE	2	b	62	75	7	1	-	-	Tr	Tr	2500	1	*	bc	c	od	d	bc							
5	Hartland Point	1008.4	+8	WNW	2	c	59	87	8	5	-	-	2	10	1400	1010.6	+12	WNW	3	c	59	82	8	5	-	-	2	2	2000	1	3	bc	c	od	d	bc							
	Bristol ...	1006.9	+4	WNW	3	id.	64	85	7	5	2	-	2	10	300	1008.7	+10	NE	4	bc	64	75	8	5	4	-	2-3	4-6	4200	1	*	bc	c	od	d	bc							
	Portland Bill ...	1007.4	+2	WSW	4	c/d	60	82	8	2	-	-	2	10	2500	1001.8	+10	W	4	bc	62	85	8	2	7	-	7-8	2-3	2500	1	4	bc	c	od	d	bc							
	Plymouth ...	1008.5	+2	NW	3	c/d	66	85	8	5	-	-	2	10	1600	1007.7	+10	NW	4	c	63	75	8	8	-	-	2	2	2500	1	3	bc	c	od	d	bc							
	The Lizard ...	1009.8	+8	WNW	4	bc	64	85	8	2	6	-	4-6	4-6	2500	1011.8	+8	NW	4	c	59	87	7	8	2	-	2	2	1200	1	2	bc	c	od	d	bc							
Guernsey ...	1011.0	+10	NW	4	o	62	87	5	5	-	-	10	10	500	1012.5	+10	NW	4	c	60	85	6	5	2	-	7-8	2	1200	1	3	bc	c	od	d	bc	bc	bc	bc	bc	bc	bc	bc	bc
6	Pembroke	1008.7	+4	NW	4	c	60	85	8	8	6	-	4-6	2	2500	1011.1	+10	NW	3	bc	60	85	8	8	6	-	4-6	4-6	3000	0	3	bc	c	od	d	bc							
	Holyhead (Valley)	1007.2	+10	NW	4	c	66	85	9	8	3	-	4-6	7-8	2800	1010.0	+22	NW	4	c	59	85	9	2	3	-	2-3	2	2500	0	2	bc	c	od	d	bc							
7	Chester (Sealand)	1007.7	-2	ESE	1	c	62	75	7	5	-	-	2	10	2000	1008.9	+8	NW	4	c	60	75	7	8	3	-	7-8	2	1500	0	*	bc	c	od	d	bc							
	Manchester ...	1007.8	-2	SE	1	bc	65	85	7	1	3	4	2-3	4-6	3000	1008.4	+8	NW	2	bc	62	65	6	8	3	-	4-6	7-8	5000	0	*	bc	c	od	d	bc							
10	Spurn Head	1008.4	-4	E'N	3	c	57	85	6	5	-	-	2	10	2500	1008.6	0	E	2	b	57	85	7	6	-	0	1	..	0	2	bc	c	od	d	bc	bc	bc	bc	bc	bc	bc		
	Catterick	1007.9	-6	SSW	1	c	64	45	8	7	3	-	4-6	2	4000	1008.5	+6	-	0	c/r	60	75	8	8	4	-	7-8	2	2800	0	1	bc	c	od	d	bc							
	Tynemouth	1008.5	-2	SE	3	c	57	85	7	8	-	8	2	10	3000	1009.0	+4	SE	2	c	56	85	7	8	-	-	7-8	7-8	2500	1	2	bc	c	od	d	bc							
11	St. Abbs Head	1007.7	-2	SE	1	c	58	85	8	4	4	-	2-3	7-8	2500	1007.4	-2	SW	2	c	60	85	8	2	4	8	4-6	7-8	2500	0	1	bc	c	od	d	bc							
	Leuchars	1006.9	-2	WNW	3	c	62	85	9	8	3	-	4-6	7-8	3500	1007.6	+8	N	2	pr	56	85	8	8	6	-	2	2	2500	1	*	bc	c	od	d	bc							
12	Rentfrew (Abbots L.)	1007.8	-4	NW	3	bc	61	85	9	8	3	-	4-6	4-6	3000	1008.8	+2	NW	4	b	60	65	9	8	-	-	1	1	2500	0	*	bc	c	od	d	bc							
	Eskdalemuir	1008.1	+4	WSW	3	c/r	55	75	8	8	-	-	2	10	1500	1008.0	-4	SSW	2	bc	56	75	8	8	-	-	4-6	4-6	2500	0	*	bc	c	od	d	bc	bc	bc	bc	bc	bc		
Point of Ayre	1008.6	+8	NNE	1	c/d	57	85	8	6	7	1	4-6	2	1600	1009.6	+2	NW	4	b	60	75	8	2	4	-	Tr	1	2500	0	3	bc	c	od	d	bc	bc	bc	bc	bc	bc	bc		
13A	Tiree ...	1009.7	+6	NW	2	bc	58	75	9	1	-	-	4-6	4-6	2800	1010.7	+2	NW	3	bc	57	75	9	1	3	-	2-3	4-6	2800	0	3	bc	c	od	d	bc	bc	bc	bc	bc	bc		
	Stornoway	1002.8	+2	NW	3	c	57	85	8	7	-	-	7-8	2	2000	1010.4	+8	NNE	4	c	55	85	8	5	7	-	4-6	7-8	2500	1	2	bc	c	od	d	bc	bc	bc	bc	bc	bc		
15	Dalwhinnie	1007.7	0	SSW	3	bc																																					

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 8th August				18h. G.M.T.				01h. G.M.T. 9th August				07h. G.M.T.			
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN
100	87	25055	26386	87	02855	29325	8-	02654	24224	83	02855	28225			
115	57	81844	28386	54	02844	32385	52	02844	28327	54	02844	04325			
203	5-	22936	20326	5-	25838	06388	5-	01943	32323	5-	02838	08118			
206	8-	02865	24285	8-	02864	28287	5-	01964	28114	57	02864	28126			
210	8-	25864	26284	8-	81957	28287	53	01963	30285	53	02864	00027			
220	73	01853	27284							57	02863	14228			
230	84	02855	26325	84	02855	24325	84	00932	26223	57	02845	00027			
245	84	81864	24286	8-	81857	04287	5-	02867	31387	5-	25867	04187			
260	8-	05654	26126	86	01974	28214	5-	02876	16186	5-	05666	00026			
278	8-	02885	30365	74	00851	28413	20	01941	26304	97	02841	22217			
279	8-	22757	24167	8-	02855	20225				85	02853	31125			
285	23	02854	24327							23	02635	28316			
288	7-	02854	02127	01	25554	20128	53	08464	20116	5-	05658	26128			
575	10	01864	32314	8-	02855	28315	5-	02858	28228	57	02855	12228			
801	27	01761	22212	07	01790	30423	10	01753	28314	24	01852	28425			
321	73	02763	14214	43	01762	12114	50	05561	25101	53	05662	24115			
299				57	01754	14216									
292	13	01753	10114	5-	02857	00087	50	05761	26111	53	01964	27114			
310	--	01644	12314							--	48209	26329			
614	57	05674	08128	9-	02747	08127	00	05590	24304	57	05671	24216			
333	83	01862	28212	5-	01965	28315	04	01990	20112	57	02975	00027			
334	--	01753	30214							--	03646	04128			
340	5-	02748	14258	8-	02753	28215	00	00890	24113	54	02864	24227			
136	17	01763	18268	46	22765	05266	53	04583	28115	53	08476	20147			
336	52	02763	12328	14	01861	04413				51	02762	32318			
350	62	52436	08258	83	02844	30226	04	05590	22313	03	05690	26225			
368	86	02846	24457	80	00853	21323				57	61761	00028			
379	6-	05628	00068	20	01754	32254	00	05590	28301	03	02890	28316			
390	62	62527	12268	52	05637	06258	50	47372	18142	07	05690	24315			
382				70	05653	30213	02	08490	28111	03	02890	26216			
435	--	44103	22453							55	02643	07315			
430	5-	51638	18258	7-	01864	30314	00	04630	22111	03	01890	28213			
400	52	02627	30328	62	05618	28368	57	02736	00027	5-	62508	24368			

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
 ww, W - Present and past weather—See M.O. 252.
 h, N_h - Height and amount of low cloud—See M.O. 252.
 N - Total amount of cloud—See M.O. 252.
 C, C_M - Form of low and medium cloud—See page 1.
 V - Visibility. F - Force of wind—See page 4.
 DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 9th August 1941
1 S.E. England	Wind southwest light or moderate freshening somewhat; cloudy, a period of continuous rain this evening, followed by occasional rain; rather cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Wind southwest to west moderate or fresh becoming strong locally; cloudy, rain at times, improving tomorrow; rather cool.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 1-4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13A. W. Scotland	Wind south veering southwest to west and freshening; cloudy, rain at times; bright intervals and showers tomorrow; rather cool.
13B. N.W. Scotland	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 5-9.
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.

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

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

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

GENERAL INFERENCE.

A depression on the Atlantic will move eastward off Northern Scotland. Rain will spread to all districts.

FURTHER OUTLOOK.

Unsettled but some bright intervals

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

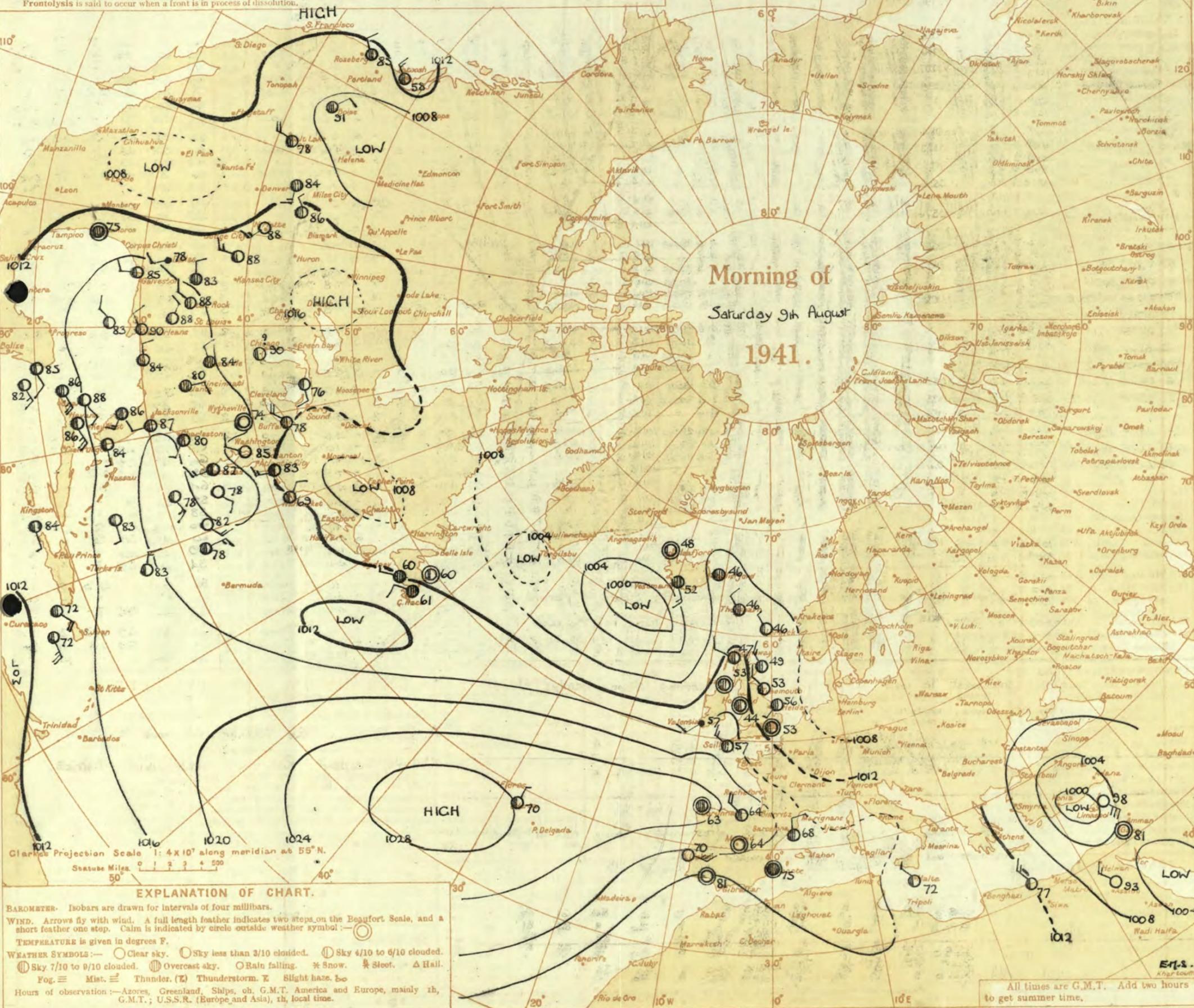
Forecasts issued at 10.30.
 H.M.S.O. Press, Meteorological Office, Dunstable. 6.289/4080. No. 6/76. D. 6034. Gp. 346. 3500. 3/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.

Morning of
Saturday 9th August
1941.



Clarke's Projection Scale 1: 4 X 10⁷ 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. ❄ St. Sleet. ⚡ Hail.
 ☁ Fog. ☁ Mist. ☁ Thunder. ☁ Thunderstorm. ☁ Slight haze. ☁
 Hours of observation: - Azores, Greenland, Ships, on G.M.T. America and Europe, mainly th, G.M.T.; U.S.S.R. (Europe and Asia), th, local time.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 29th August														OBSERVATIONS at 7 hr. G.M.T. 29th August														PAST 24 HOURS.					
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visibility.	Cloud.				Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visibility.	Cloud.				Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Form.			Amount.	Height of Base (feet).					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.	
1	London (Kew)	18	1011.5	+1.4		0	z	53	97	5			2.3	2.3	3500	1014.2	+1.8	W	2	z	54	85	6				61	51	40	7	Tr	0.0	
	Croydon	217	1011.5	+1.4		0	z	53	97	5			2.3	2.3	3500	1014.2	+1.8	W	2	z	54	85	6				62	50	48	4	Tr	0.0	
	S. Farnborough	226	1012.2	+1.8	WN	1	m/f	51	97	4			1	1	600	1014.5	+1.6	WNW	2	c	52	85	7				66	48	40	2	0.1	0.6	
	Boscombe Down	417	1013.3	+1.8	WNW	3	z	53	97	5			4.6	4.6	2000	1015.4	+1.2	WNW	1	z	52	97	6				66	50	43	1		1.7	
	Wickham (Island)	10	1012.2	+1.6	NNW	2	z	53	97	6			0	0		1014.4	+1.2	N	2	bc	55	85	7				71	51	44	0.2		4	
	Lympe	346	1011.1	+1.4	NW	2	z	52	97	6			2.3	2.3	1200	1013.9	+1.4	NW	2	c/f	52	97	6				59	50	47	9	Tr	0.0	
	Manston	154	1010.2	+1.4	WNW	2	c	56	92	7			7.8	7.8	1800	1013.1	+1.6	WNW	2	z	54	92	6				58	53	51	7	0.2	0.6	
2	Shoeburyness	11														1013.5	+1.6	WNW	3	c	54	85	6				60	51	45	3	0.3	0.0	
	Felixstowe	15	1009.7	+1.0	NNW	3	z	55	97	6			4.6	4.6	7200	1012.1	+1.2	NNW	3	z	54	92	5				61	52	48	1	Tr	1.3	
	Gorleston	5	1009.5	+1.2	NW	2	b	52	92	6			0	0		1012.1	+1.2	WNW	2	bc	52	92	6				63	49	45	Tr	2	4	
	Mildenhall	19	1010.2	+1.0	SSW	1	bcft	50	97	3			0	2.3		1012.6	+1.4	WS	3	z	5	97	6				60	47	41	0.3	Tr	0.2	
	Cranwell	240	1010.1	+1.6	W	2	z	52	85	5			0	7.8		1012.7	+1.4	W	2	z	51	92	6				63	49	47			3.1	
3	Birmingham	535														1014.2	+1.6	*	*	52	75	6				62	49	43	L		2.1		
	Upper Heyford	408	1011.0	+1.4	WNW	3	m/f	52	97	4			7.8	7.8	1500	1013.9	+1.0	WNW	3	c	53	85	8				59	48	45	8	Tr		
4	Ross-on-Wye	223														1014.8	+1.6	S	1	c	49	92	8				63	46	41	0.6		1.6	
5	Hartland Point	299	1013.9	+1.2	WNW	2	bc	57	97	8			4	6	Tr	1014.5	+1.2	SW	3	c/p	59	97	8				61	54	51	Tr		0.6	
	Bristol	209	1013.3	+1.4	W	3	bc	53	92	7			0	4.6		1015.3	+1.4	SW	1	c	54	85	7				68	50	37	0.3		3.1	
	Portland Bill	32	1012.3	+1.8	NW	3	c	59	85	8			7.8	7.8	2500	1015.4	+1.2	NW	2	c	59	85	8				63	57	7			3.1	
	Plymouth	82	1014.6	+1.2	NW	3	b	57	92	8			1	1	4000	1016.5	+1.2		0	16	56	97	6				67	53	48	0.1	Tr	2.4	
	The Lizard	240	1015.1	+1.0	NW	2	bc	57	97	8			4.6	4.6	2500	1016.7	+1.0	NW	2	bc	56	97	7				65	55	0.4	0.5	3.2		
	Scilly (St. Mary's)	163	1015.8	+1.2	WNW	3	c	57	97	7			10	10	1500	1016.5	+1.4	WNW	3	c/r	57	97	8				63	56	0.1	Tr	1.5		
	Guernsey	175																															
6	Pembroke	142	1014.0	+1.0		0	bc	55	92	8			4.6	4.6	3500	1014.8	+1.4	SE	2	c	56	97	8				64	54	0.1			5.0	
7	Holyhead (Valley)	26	1013.1	+1.2		0	c	44	97	9			6	9	4000	1013.3	+1.4	WNW	1	c	56	92	9				67	44	35			4	
	Chester (Sealand)	16	1012.2	+1.2	NW	3	b	55	65	7			1	1	3000	1013.3	+1.6	WNW	2	c	56	75	8				63	51	42	Tr		5.8	
8	Manchester	70	1011.8	+1.0	WNW	1	fg	44	97	6			8	Tr	1	5000	1013.3	+1.6	WSW	1	z	54	92	6				68	43	37	Tr		6.1
10	Spurn Head	29	1009.9	+1.2	SSW	1	z	56	92	6			9+	9+	1500	1011.8	+1.0	WNW	3	z	53	92	6				63	53				7.3	
	Catterick	175	1010.9	+1.6	WNW	2	z	52	75	6			4.6	7.8	3200	1012.8	+1.0	NW	1	c	53	85	8				66	47	40	0.1		3.7	
	Tynemouth	108	1010.3	+1.0	NW	2	bc	53	85	7			0	4.6		1012.5	+1.2	NW	3	c	52	85	6				59	50	49	Tr		*	
11	St. Abbs Head	280	1010.6	+1.8	NNW	2	bc	53	92	8			2	4	2500	1012.2	+1.8	NNE	2	c	52	75	8				60	48		Tr	0.4	3.9	
	Leuchars	36	1010.8	+1.2		0	c	50	92	8			10	10	2500	1012.1	+1.8	ESE	2	pr	52	85	8				65	49	45	1	0.3	7.3	
12	Rentrew (Abbots L.)	19	1011.4	+1.0	WSW	2	bc	48	85	8			4.6	4.6	5700	1012.4	+1.6	WS	1	c/f	51	85	8				64	45	39			7.3	
	Eskdalemuir	794														1012.3	+1.6		0	c	49	92	8				59	44	36	0.2		2.6	
	Point of Ayre	30	1012.0	+1.0	WNW	4	b	54	92	8			1	Tr	1	1000	1012.4	0	WS	2	c	55	85	8				64	52		Tr		5.3
13A	Tiree	22	1011.9	0		0	bc	57	85	8			4.6	4.6	2500	1011.2	-0.6		0	c	51	92	9				59	45	*			6.1	
13B	Stornoway	80	1012.4	+1.6	WNW	1	c	47	92	8			0	10	2500	1011.5	-0.6		0	c	47	92	9				58	43	*	1		6.1	
15	Dalwhinnie	1176														1011.8	+1.2	NNE	1	0	45	92	7				60	43	41	2	6	2.6	
	Aberdeen	79														1011.8	+1.2	WNW	2	c	50	85	7				60	42	38	2		5.6	
	Wick	119	1011.2	+1.6	NW	2	c/p	47	92	8			0	9	3000	1011.7	+1.2	SW	1	c	48	85	9				59	42	40	*	*	*	
16	Sumburgh	30	1009.1	+1.0	NW	1	bc	46	85	8			2.3	4.6	2000	1010.4	+1.2	NW	2	bc	50	75	9				54	45	35	*	*	*	
17	Blackod Point	18	1013.5	-0.2		0	c	55	85	8			0	10		1008.5	-2.6	S	4	id	58	97	7				66	54	0.3	2			
	Malm Head	84	1012.7	+1.4		0	c	53	85	8			7.8	7.8	5700	1010.8	-1.2	S/E	2	c	53	85	8				60	49				5.4	
	Aldergrove	268	1013.4	+1.6		0	c	46	97	7			4.6	10	2000	1012.9	-1.2	S/E	1	c	50	92	8				63	44	38	Tr		2.5	
19	Birr Castle	173	1014.1	+1.6	NNW	1	c	53	92	8			7.8	10	2500	1012.3	-1.6	SSE	1	rr	54	97	7				66	53	49	0.3	2	2.4	
20	Valentia Obay.	30	1016.0	+1.2	SW	2	ir	57	97	6			10	10	800	1013.1	-1.4	SWW	4	RR	60	97	5				61	57	54	0.1	11	2.4	
	Roches Point	22	1015.1	+1.8	WNW	4	c	57	97	8			2.3	7.8	2500	1014.0	-0.8	S	2	rr	57	97	7				66	56				*	

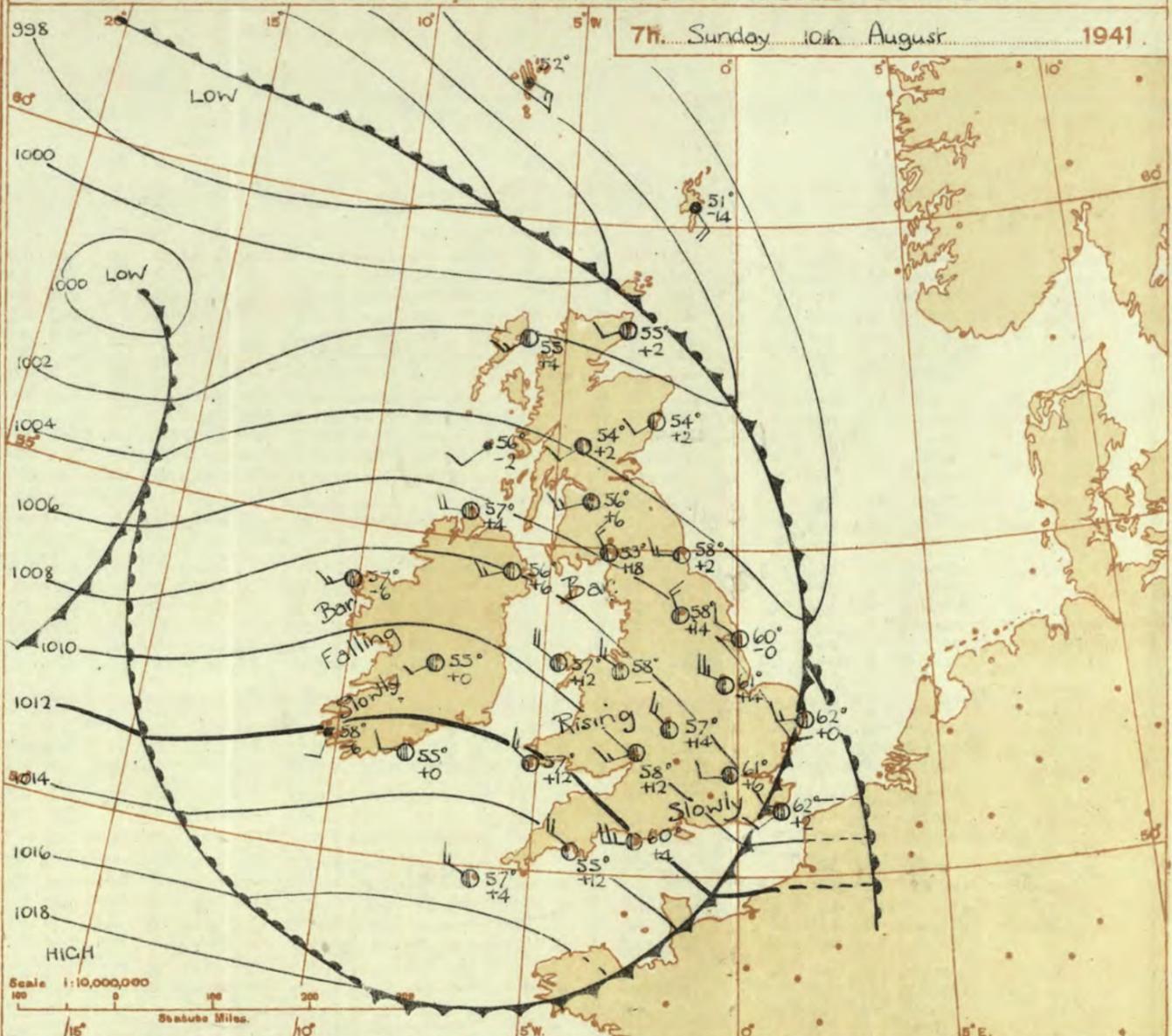
Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 9th August				15h. G.M.T.				01h. G.M.T. 10th August				07h. G.M.T.			
III	C ₁	wwVhN ₁	DDFWN ₁	C ₂	wwVhN ₂	DDFWN ₂	C ₃	wwVhN ₃	DDFWN ₃	C ₄	wwVhN ₄	DDFWN ₄	C ₅	wwVhN ₅	DDFWN ₅
109	4	02264	12116	07	03090	12328	5-	62638	12428	5-	61638	14368			
115	52	02244	08326				52	62735	12388	52	81734	24467			
203	8-	02938	18328	5-	03838	12368	5-	61838	16528	5-	02848	16528			
206	77	02074	08326	52	62745	30168	57	62744	00068	8-	01764	22264			
210	57	02263	06427	52	62754	12268	52	22855	10268	5-	02867	26327			
220	62	64636	15328	62	58636	14368				52	22636	22468			
230	57	61843	00068	62	62647	14268	52	61647	22368	5-	22844	24364			
245	57	02265	12368	67	62634	16468	5-	02548	00068	54	00773	24363			
260	83	02866	03127	57	02864	18288	5-	02748	00028	70	00862	23413			
278	57	61645	12368	62	66627	0368	5-	02857	53467	5-	02857	24357			
279	87	02858	21388	62	62646	00268				83	02755	22326			
285	23	02854	22327												
288	8-	05654	08127	57	02874	24128	52	22447	00068	8-	02746	22166			
578	5-	51738	10268				53	21745	28457	87	28744	26387			
804	7	02952	22216	52	52535	14368	62	62526	23468	5-	05633	26467			
821	8-	05656	28116	07	05650	18428	6-	08438	16228	80	01752	25312			
299	74	05654	00015	5-	25648	17388	5-	67348	22368	5-	05648	00068			
292	77	02264	18126	02	22868	00068	62	22436	15168	83	25264	24165			
310															
614	26	01754	26325	62	81645	22228	52	61437	24428	50	01775	26415			
333	62	51731	8328	5-	62618	18368	5-	02747	57467	5-	02877	28417			
334	--	03746	29317												
340	26	02954	16225	02	62628	16358	5-	02857	22267	5-	02044	24267			
186	16	01754	26214	13	02651	17216	5-	52528	18368	5-	02847	57457			
336	52	02763	16428	62	04653	16468									
350							01	05636	22468	87	02845	24326			
368	51	02746	22228	02	64628	23468									
879	13	01853	22214	6-	57308	20468	5-	05628	20468	20	01843	25413			
390	14	01764	25315	52	02765	20218	62	52437	20468	54	01844	58558			
389	13	01863	20325	52	52646	19358	62	51636	23458	77	02855	24415			
438	56	02864	26516							51	02754	26546			
430	57	02863	22419	57	02843	20327	52	22636	55468	53	01243	24313			
400	51	51625	21368	5-	45208	22558	5-	41508	57558	54	05622	25425			

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C, C₁ - Form of low and medium cloud—See page 1.
V - Visibility. F = Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 10th August 1941.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 10th August, 1941.
1 S.E. England	Moderate west wind, backing south; fair at first, rain spreading from west later; average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate S.W. wind, veering west; cloudy; occasional rain; local coast fog; average temperature.
6 South Wales ...	
7 North Wales ...	Moderate S.W. wind; bright intervals; showers; cool.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate S.W. wind, veering west; rain at first; bright intervals and showers later; cool.
13A. W. Scotland	
13B. 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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 ~~~~~ = Warm Front on the Surface  
 ~~~~~ = Warm Front above the ground  
 ~~~~~ = Cold Front on the surface  
 ~~~~~ = Cold Front above the ground  
 ~~~~~ = Occluded Front (or Occlusion)  
 ~~~~~ = Warm Occlusion  
 ~~~~~ = Cold Occlusion  
 ~~~~~ = Lines of Frontogenesis  
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

A depression to southeast of Iceland is almost stationary, and there are indications of a small depression west of Ireland moving east. There will be bright intervals and showers in the North. In the South and Midlands weather will be fair at first but rain will spread from the west later.

FURTHER OUTLOOK.

Unsettled.

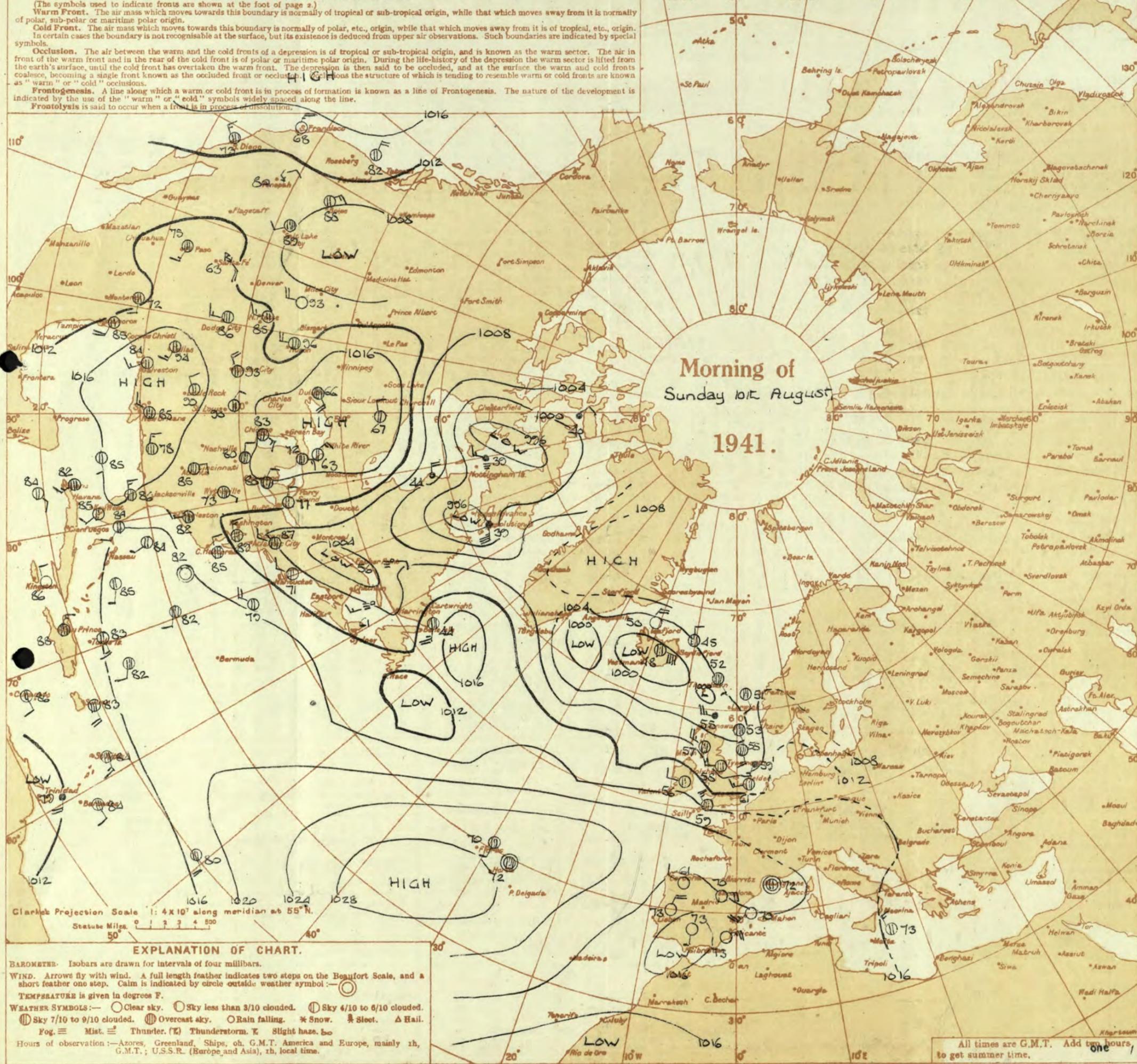
Forecasts issued at 1030h G.M.T.
H.M.S.O. Press, Meteorological Office, Dunstable.
N. K. JOHNSON, D.Sc., A.R.C.S., Director.
6269/4120. W. 8/76. D. 6034. Op. 940 3200 3/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.

170° W. 180° 170° E. 160° 150° 140°



Clark Projection Scale 1:4x10⁷ along meridian at 55° N.
 Statute Miles. 0 100 200 300 400 500

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. Δ Hail. Fog ≡ Mist ≡ Thunder. (T) Thunderstorm. K Slight haze. ☁
 Hours of observation:—Azores, Greenland, Ships, oh. G.M.T. America and Europe, mainly 2h, G.M.T.; U.S.S.R. (Europe and Asia), 2h, local time.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 10th August | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 10th August | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | |
|--|---------------------|------------------------------|----------------------|-----------------------|--------|--------|---------------|--------------|----------------|----------|-------|---------|-----------------------|--|----------------------------|--------|----------------|---------------|-----------------|--------|----------|-------|----------------------|--------------|----------------------------|--------------------------|----------------------------|------------------------|------------------------------|---------------------|-----------------------|------|------|-------|------|------|-------|------|------|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours (2) | Wind. | | Temp. °F. (6) | Humid. % (7) | Visibility (8) | Cloud. | | | Barom. at M.S.L. (15) | Change in 3 hours (16) | Wind. | | Temp. °F. (20) | Humid. % (21) | Visibility (22) | Cloud. | | | State of Ground (29) | TEMPERATURE. | | | RAINFALL. | | SUR-
SHINE
3th
Hrs. | | | | | | | | | | |
| | | | | | Direc. | Force. | | | | Weather. | Form. | Amount. | | | Height of Base (feet) (14) | Direc. | | | | Force. | Weather. | Form. | | Amount. | 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. | Med. | High. | Low. | Med. | High. | Low. | Med. |
| 1 | London (Kew) | 18 | * | * | * | * | * | * | * | * | * | 1003.5 | +0 | W | 3 | c | 62 | 85 | 8 | 5 | - | 1 | 7-8 | 1500 | 1 | 65 | 59 | 58 | 6 | 6.3 | | | | | | | | | |
| | Croydon | 217 | 1003.0 | -2.6 | WSW | 3 | c/r | 61 | 97 | 8 | 6 | 2 | - | 9 | 10 | 600 | 1003.3 | +6 | W | 3 | c | 61 | 92 | 8 | 5 | - | 1 | 7-8 | 1500 | 1 | 68 | 58 | 58 | 7 | 6.4 | | | | |
| | S. Farnborough | 226 | 1003.4 | -1.8 | WSW | 4 | c/r | 61 | 97 | 6 | 6 | 2 | - | 9 | 10 | 800 | 1003.7 | +6 | W | 4 | b | 60 | 85 | 9 | 1 | - | Tr | 1 | 2000 | 1 | 68 | 59 | 56 | 5 | 3.3 | | | | |
| | Boscombe Down | 417 | 1003.4 | -1.4 | WSW | 4 | c/r | 60 | 97 | 6 | 6 | - | - | 10 | 10 | 800 | 1011.4 | +0 | WNW | 4 | c | 59 | 85 | 8 | 5 | 7 | - | 7-8 | 7-8 | 3500 | 1 | 64 | 57 | 53 | Tr | 5 | 0.2 | | |
| | Thorney Island | 10 | 1010.7 | -2.2 | W | 3 | c/r | 61 | 97 | 6 | 6 | - | - | 10 | 10 | 800 | 1011.0 | +0 | WNW | 4 | c | 61 | 85 | 7 | 5 | 4 | - | 7-8 | 7-8 | 800 | 1 | 67 | 59 | 57 | Tr | 10 | 9.3 | | |
| | Lymyne | 346 | 1011.3 | -3.0 | SW | 2 | c/r | 60 | 97 | 6 | 6 | - | - | 10 | 10 | 400 | 1010.1 | +2 | SW | 2 | c | 62 | 97 | 8 | 5 | - | 9 | 9 | 500 | 1 | 67 | 58 | 58 | - | 10 | 9.3 | | | |
| | Manston | 154 | 1008.8 | -3.8 | SWW | 3 | c/r | 60 | 97 | 5 | 6 | - | - | 10 | 10 | 600 | 1008.0 | +6 | WS | 3 | c | 62 | 97 | 8 | 5 | - | 10 | 10 | 600 | 1 | 67 | 58 | 57 | - | 11 | 9.4 | | | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | 1008.7 | +2 | NW | 3 | c/d | 63 | 85 | 7 | 5 | 7 | - | 9 | 9 | 1500 | 1 | 70 | 59 | 59 | - | 10 | 7.9 | | | | | | | |
| | Felixstowe | 15 | 1007.3 | -3.8 | SWW | 4 | d.d. | 61 | 97 | 6 | 5 | - | - | 10 | 10 | 400 | 1006.8 | +6 | WN | 4 | id. | 62 | 97 | 7 | 5 | - | 9 | 9 | 1000 | 1 | 69 | 59 | 59 | - | 12 | 7.0 | | | |
| | Corleston | 5 | 1007.6 | -2.4 | S | 4 | c/r | 60 | 97 | 7 | 6 | - | - | 10 | 10 | 1500 | 1005.3 | 0 | W | 3 | c | 62 | 97 | 7 | 6 | 8 | - | 7-8 | 10 | 1300 | 1 | 65 | 58 | 55 | Tr | 9 | 4.3 | | |
| | Mildenhall | 19 | 1006.4 | -3.2 | SW | 3 | c/r | 60 | 97 | 7 | 5 | 2 | - | 9 | 10 | 1000 | 1006.6 | +0 | WN | 5 | c | 61 | 92 | 8 | 8 | - | 9 | 10 | 1000 | 1 | 68 | 58 | 57 | - | 10 | 4.3 | | | |
| | Cranwell | 240 | 1005.9 | -2.6 | SWW | 4 | c/r | 61 | 97 | 8 | 5 | 2 | - | 7-8 | 10 | 300 | 1006.8 | +14 | WNW | 5 | c | 61 | 85 | 7 | 8 | 3 | - | 4-6 | 9 | 2000 | 1 | 66 | 57 | 57 | - | 7 | 8.1 | | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | 1003.5 | +4 | NW | 3 | c | 57 | 92 | 8 | 6 | 7 | - | 9 | 9 | 1500 | 1 | 64 | 55 | 55 | 0.3 | 7 | 2.8 | | | | | | | |
| | Upper Heyford | 408 | 1008.8 | -1.0 | SWW | 4 | c/d | 61 | 97 | 6 | 6 | 1 | - | 9 | 10 | 800 | 1003.7 | +12 | WN | 3 | c | 60 | 85 | 8 | 8 | - | 1 | 4 | 7-8 | 1800 | 1 | 67 | 58 | 55 | 0.1 | 6 | 0.3 | | |
| | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | 1010.8 | +12 | WS | 3 | c | 58 | 75 | 8 | 5 | - | - | 9 | 9 | 4000 | 1 | 63 | 57 | 55 | 0.4 | 5 | 0.3 | | | | | | | |
| 5 | Hartland Point | 299 | 1011.7 | +0 | W | 4 | o | 59 | 97 | 5 | 5 | - | - | 10 | 10 | 800 | 1013.2 | +0 | WNW | 3 | bc | 58 | 92 | 8 | 2 | 4 | 1 | 2-3 | 4-6 | 2500 | 1 | 60 | 56 | 55 | 2 | 4 | 0.0 | | |
| | Bristol | 209 | 1010.1 | -6 | SW | 4 | c/r | 61 | 97 | 6 | 6 | 2 | - | 7-8 | 10 | 400 | 1012.6 | +8 | WNW | 4 | b | 59 | 85 | 8 | 5 | 4 | - | Tr | 1 | 3000 | 1 | 65 | 57 | 53 | 0.2 | 8 | 0.3 | | |
| | Portland Bill | 32 | 1011.4 | -10 | SW | 5 | c/r | 59 | 92 | 7 | 5 | - | - | 10 | 10 | 1500 | 1012.1 | +4 | W | 5 | bc | 60 | 85 | 8 | 2 | - | - | 4-6 | 4-6 | 4000 | 1 | 62 | 57 | 56 | 1 | 1 | 0.0 | | |
| | Plymouth | 82 | 1013.5 | -6 | W | 3 | c/r | 60 | 97 | 7 | 5 | 2 | - | 9 | 10 | 300 | 1015.0 | +12 | WNW | 3 | bc | 59 | 85 | 8 | 5 | - | 4 | 2-3 | 2-3 | 1500 | 1 | 62 | 57 | 56 | 1 | 1 | 0.0 | | |
| | The Lizard | 240 | 1014.6 | 0 | WNW | 5 | df | 57 | 97 | 1 | 5 | - | - | 10 | 10 | 200 | 1015.9 | +8 | WNW | 3 | c | 56 | 97 | 7 | 8 | 6 | - | 7-8 | 7-8 | 2000 | 1 | 61 | 54 | 54 | 0.1 | 0.5 | 0.0 | | |
| | Scilly (St. Mary's) | 163 | 1014.7 | +2 | WNW | 5 | c | 59 | 97 | 6 | 5 | 2 | - | 7-8 | 10 | 1500 | 1015.6 | +4 | WNW | 3 | c | 57 | 97 | 8 | 8 | 4 | - | 4-6 | 9 | 1200 | 1 | 64 | 54 | 54 | - | 0.2 | 0.0 | | |
| | Guernsey | 175 | * | * | * | * | * | * | * | * | * | 1013.1 | +12 | NW | 3 | bc | 57 | 92 | 7 | 3 | 7 | 8 | 4 | 6 | 4 | 6 | 4 | 6 | 4 | 6 | 3000 | 1 | 61 | 56 | 56 | 6 | 0.3 | 0.0 | |
| 6 | Pembroke | 142 | 1010.7 | +4 | W | 6 | bc | 58 | 92 | 7 | 4 | 5 | - | 2-3 | 4-6 | 3000 | 1013.1 | +12 | NW | 3 | bc | 57 | 92 | 7 | 3 | 7 | 8 | 4 | 6 | 4 | 6 | 3000 | 1 | 62 | 54 | 52 | 6 | 3 | 0.3 |
| 7 | Holyhead (Valley) | 26 | 1007.5 | +6 | W | 4 | c | 58 | 97 | 8 | 5 | - | - | 9 | 9 | 1500 | 1009.8 | +12 | WNW | 4 | c | 57 | 92 | 8 | 5 | - | 9 | 9 | 3500 | 1 | 62 | 54 | 52 | 6 | 3 | 0.3 | | | |
| | Chester (Sealand) | 16 | 1006.7 | -2 | WNW | 3 | d.d. | 61 | 92 | 5 | 5 | 2 | - | 7-8 | 9 | 1000 | 1009.8 | +12 | WNW | 3 | c | 58 | 97 | 7 | 3 | 7 | - | 7-8 | 10 | 1000 | 1 | 67 | 58 | 56 | 6 | 2.4 | | | |
| | Manchester | 70 | 1005.8 | -10 | WS | 3 | c/r | 61 | 97 | 5 | 6 | 2 | - | 9 | 10 | 800 | 1008.3 | +8 | WS | 4 | c/r | 57 | 92 | 7 | 5 | - | - | 4-6 | 9 | 800 | 1 | 67 | 56 | 55 | 1 | 7 | 5.5 | | |
| 10 | Spurn Head | 29 | 1005.6 | -2.8 | SSW | 3 | rr | 59 | 97 | 5 | 8 | - | - | 10 | 10 | 1500 | 1004.4 | 0 | WNW | 2 | o | 60 | 92 | 5 | - | 2 | - | 10 | 10 | 1500 | 1 | 64 | 57 | 57 | - | 6 | 7.7 | | |
| | Catterick | 175 | 1004.9 | -1.8 | SSW | 1 | m | 57 | 92 | 4 | 5 | - | - | 10 | 10 | 200 | 1006.1 | +14 | NNW | 3 | bc | 58 | 85 | 7 | 8 | 3 | 1 | 2-3 | 4-6 | 2800 | 1 | 65 | 57 | 55 | 0.1 | 9 | 4.6 | | |
| | Tynemouth | 108 | 1005.7 | -2.4 | SE | 3 | c/r | 55 | 97 | 6 | - | 2 | - | 10 | 10 | 1500 | 1005.2 | +2 | W | 3 | bc | 58 | 85 | 7 | 2 | 3 | - | 2-3 | 4-6 | 3000 | 1 | 65 | 57 | 54 | Tr | 6 | 0.3 | | |
| 11 | St. Abbs Head | 280 | 1004.4 | -1.8 | SW | 3 | c | 53 | 92 | 7 | 5 | 2 | - | 7-8 | 10 | 2000 | 1004.1 | 0 | NW | 3 | bc | 56 | 85 | 9 | 4 | 4 | - | 4-6 | 4-6 | 2500 | 0 | 60 | 52 | 52 | 1 | - | 0.3 | | |
| | Leuchars | 36 | 1003.5 | -1.4 | WSW | 2 | c | 54 | 97 | 8 | 5 | - | - | 10 | 10 | 2500 | 1003.7 | +0 | SW | 2 | b | 56 | 92 | 8 | 5 | 4 | - | Tr | Tr | 900 | 1 | 57 | 51 | 50 | 2 | 0.1 | 0.3 | | |
| | Renfrew (Abbots L.) | 19 | 1004.3 | -1.0 | WNW | 1 | m/f | 55 | 97 | 4 | 5 | - | - | 9 | 9 | 1100 | 1005.8 | +6 | WSW | 3 | c | 56 | 85 | 7 | 8 | 3 | 6 | 4 | 4 | 7-8 | 1800 | 1 | 61 | 53 | 49 | 1 | 2 | 2.0 | |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | 1006.1 | +8 | NW | 3 | bc | 53 | 85 | 8 | 8 | - | - | 1 | 2 | 3 | 2 | 3 | 1500 | 1 | 58 | 50 | 48 | 0.3 | 1 | 0.1 | | | | |
| | Point of Ayre | 30 | 1005.2 | 0 | WNW | 4 | c | 57 | 97 | 6 | 2 | - | - | 4-6 | 10 | 1500 | 1007.5 | +6 | WN | 5 | c | 57 | 97 | 8 | 2 | 7 | 5 | Tr | 9 | 1500 | 1 | 61 | 55 | 54 | 2 | 10 | 1.3 | | |
| 13A | Tiree | 22 | 1004.4 | +8 | WN | 3 | b | 54 | 85 | 8 | 5 | 3 | - | 9 | 10 | 1000 | 1004.9 | -2 | SW | 2 | ir | 56 | 97 | 7 | - | 2 | - | 10 | 10 | 1500 | 1 | 56 | 51 | 51 | 2 | 4 | 0.0 | | |
| 13B | Stornoway | 80 | 1001.3 | -10 | W | 5 | rr | 55 | 97 | 6 | 5 | 2 | - | 9 | 10 | 1000 | 1002.3 | +4 | SW | 3 | c | 55 | 92 | 8 | 5 | 7 | - | 7-8 | 9 | 2000 | 1 | 58 | 52 | 52 | 1 | 2 | 0.4 | | |
| 15 | Dalwhinnie | 1178 | * | * | * | * | * | * | * | * | * | 1003.8 | +2 | SW | 2 | c | 54 | 75 | 8 | 5 | 4 | - | - | 4 | 6 | 4 | 6 | 7-8 | 1500 | 1 | 57 | 48 | 46 | Tr | 0.6 | 10.4 | | | |
| | Aberdeen | 79 | * | * | * | * | * | * | * | * | * | 1002.9 | +2 | SW | 2 | bc | 54 | 95 | 8 | 7 | - | - | - | - | - | - | - | 4-6 | 4-6 | 4500 | 1 | 56 | 51 | 49 | Tr | 1 | 2.3 | | |
| | Wick | 119 | 1002.7 | -2.2 | SE | 4 | c/r | 52 | 92 | 6 | 5 | - | - | 10 | 10 | 400 | 1001.5 | +2 | NSW | 2 | c | 55 | 92 | 8 | 5 | - | - | 9 | 9 | 1200 | 1 | 55 | 49 | 49 | * | * | * | | |
| | Sumburgh | 30 | 1006.1 | -1.4 | SE | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

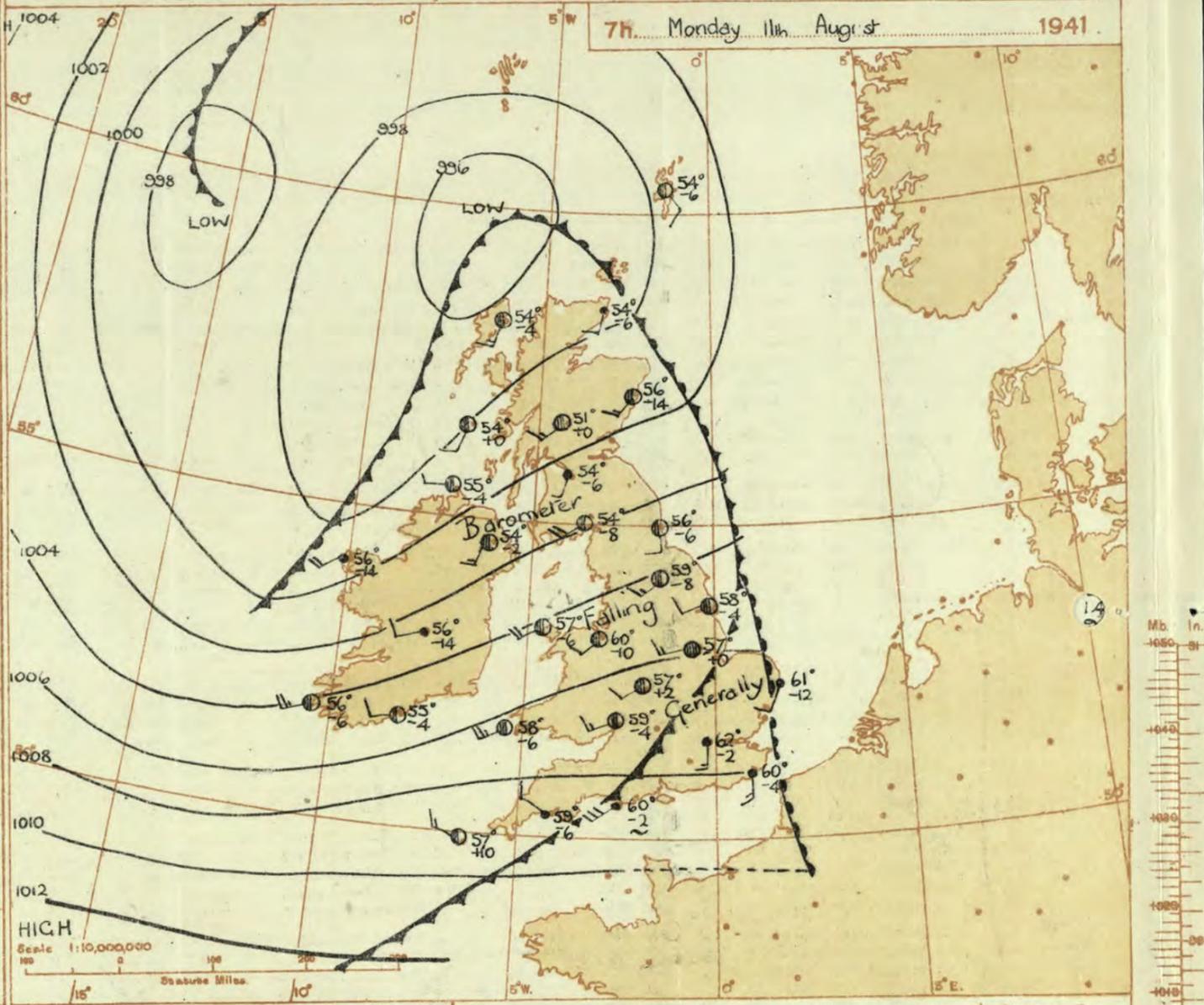
Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 10th August | | | | 18h. G.M.T. | | | | 01h. G.M.T. 11th August | | | | 07h. G.M.T. | | | |
|-------------------------|----------------|-------|-------|----------------|-------|-------|----------------|-------------------------|-------|----------------|-------|-------------|----------------|-------|-------|
| III | C _M | wwVhN | DDFWN | C _M | wwVhN | DDFWN | C _M | wwVhN | DDFWN | C _M | wwVhN | DDFWN | C _M | wwVhN | DDFWN |
| 1098 | 02655 | 22525 | 52 | 51845 | 22328 | 07 | 02700 | 18126 | 57 | 03627 | 4328 | | | | |
| 1152 | 81735 | 20488 | 52 | 09834 | 20487 | 52 | 62744 | 12387 | 52 | 81744 | 16287 | | | | |
| 2035 | 03838 | 20568 | 8- | 02838 | 15428 | 8- | 02938 | 16528 | 8- | 81848 | 16588 | | | | |
| 20087 | 81964 | 24327 | 87 | 02964 | 24185 | 57 | 22965 | 00068 | 87 | 02964 | 16165 | | | | |
| 21083 | 02965 | 22427 | 83 | 81954 | 24287 | 5- | 22857 | 00167 | 52 | 22864 | 00067 | | | | |
| 22057 | 02743 | 23316 | 82 | 03736 | 15328 | | | | 53 | 61844 | 22315 | | | | |
| 23083 | 25846 | 53487 | 52 | 64756 | 02288 | 62 | 65646 | 18168 | 80 | 22844 | 20365 | | | | |
| 2484 | 02964 | 22426 | 86 | 25054 | 22384 | 02 | 62668 | 16268 | 54 | 61635 | 20466 | | | | |
| 2608 | 02757 | 20328 | 83 | 02865 | 20417 | 5- | 22765 | 16366 | 5- | 63844 | 20268 | | | | |
| 2787 | 02843 | 22326 | 57 | 61865 | 18368 | 5- | 22777 | 18367 | 87 | 02842 | 18265 | | | | |
| 27983 | 02754 | 22427 | 87 | 02743 | 20527 | -- | 51646 | 16466 | 8- | 05623 | 53466 | | | | |
| 285 | | | | | | | | | 23 | 25745 | 27486 | | | | |
| 2883 | 02067 | 24317 | 51 | 02575 | 22328 | 51 | 02765 | 10228 | 34 | 10653 | 18224 | | | | |
| 5767 | 02745 | 20228 | 6- | 64538 | 20268 | 53 | 02745 | 22267 | 62 | 61735 | 22168 | | | | |
| 80183 | 02844 | 24427 | 12 | 02844 | 22428 | 62 | 02656 | 13127 | 9- | 22646 | 22468 | | | | |
| 827- | 02754 | 24416 | 52 | 62651 | 20368 | 57 | 21665 | 16358 | 53 | 05655 | 17315 | | | | |
| 29087 | 02745 | 26286 | 82 | 02745 | 20228 | 5- | 05656 | 20226 | 5- | 05548 | 20258 | | | | |
| 29283 | 02965 | 25487 | 51 | 02264 | 22227 | 83 | 05665 | 4127 | 53 | 05653 | 21314 | | | | |
| 310 | | | | | | | | | -- | 57109 | 20419 | | | | |
| 61482 | 03735 | 24388 | 62 | 64634 | 24168 | 02 | 51448 | 18158 | 62 | 51437 | 22358 | | | | |
| 88323 | 02852 | 20327 | 52 | 22855 | 18168 | | | | 54 | 22637 | 20467 | | | | |
| 834 | | | | | | | | | -- | 03646 | 20328 | | | | |
| 3408 | 25957 | 20387 | 52 | 22864 | 20268 | 5- | 51548 | 16158 | 53 | 01853 | 18354 | | | | |
| 13686 | 01654 | 24515 | | | | 07 | 61600 | 20368 | 6- | 21618 | 19369 | | | | |
| 336 | | | | | | | | | 51 | 02763 | 16328 | | | | |
| 3507 | 02967 | 26327 | 82 | 81764 | 20228 | 5- | 02748 | 17328 | 57 | 22736 | 20368 | | | | |
| 36817 | 01952 | 21414 | 02 | 62848 | 23168 | | | | | | | | | | |
| 87927 | 02855 | 24416 | 02 | 64668 | 22468 | 02 | 52428 | 19358 | 5- | 82748 | 20368 | | | | |
| 3908- | 02854 | 59527 | 47 | 02764 | 22228 | 02 | 51737 | 18368 | 62 | 61636 | 22368 | | | | |
| 88219 | 02864 | 25426 | | | | 62 | 51627 | 18328 | 57 | 22753 | 00068 | | | | |
| 43876 | 02754 | 26315 | | | | | | | | | | | | | |
| 430 | | | 52 | 62752 | 22468 | 62 | 98638 | 53468 | 62 | 54506 | 20368 | | | | |
| 40083 | 02843 | 22327 | 5- | 62418 | 21468 | 5- | 57208 | 22568 | 5- | 43208 | 22368 | | | | |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C_M - Form of low and medium cloud—See page 1.
V_M - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (E = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 11th August 1941.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Monday 11th August. |
|---------------------------------|--|
| 1 S.E. England | Light or moderate southwest wind. Cloudy at first with rain in the extreme Southeast. Bright intervals and local thundery showers later; cool. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | Moderate southwest wind veering west. Bright intervals; showers and local thunderstorms; cool. |
| 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. | |
| 13A. W. Scotland | Variable winds, finally west to northwest moderate. Cloudy; occasional rain and local thunderstorms; cool. |
| 13B. N.W. Scotland | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | Moderate southwest to west winds. Bright intervals, showers, local thunderstorms; cool. |
| 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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 = Warm Front on the Surface
 = Warm Front above the ground
 = Cold Front on the surface
 = Cold Front above the ground
 = Occluded Front (or Occlusion)
 = Warm Occlusion
 = Cold Occlusion
 = Lines of Frontogenesis
Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

A complex depression over and to northwest of Scotland is moving slowly northeast and associated troughs are crossing the British Isles. There will be rain in the extreme Southeast at first, followed by fairer conditions. Elsewhere in the South there will be bright intervals and showers. In the North and Midlands there will be bright intervals and thundery showers.

FURTHER OUTLOOK.

Unsettled; bright intervals; thundery showers.

Forecasts issued at 1030 G.M.T.

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

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

G.289/4120. No. 9176. D. 6024. Sp. 340. 3350. 8/41

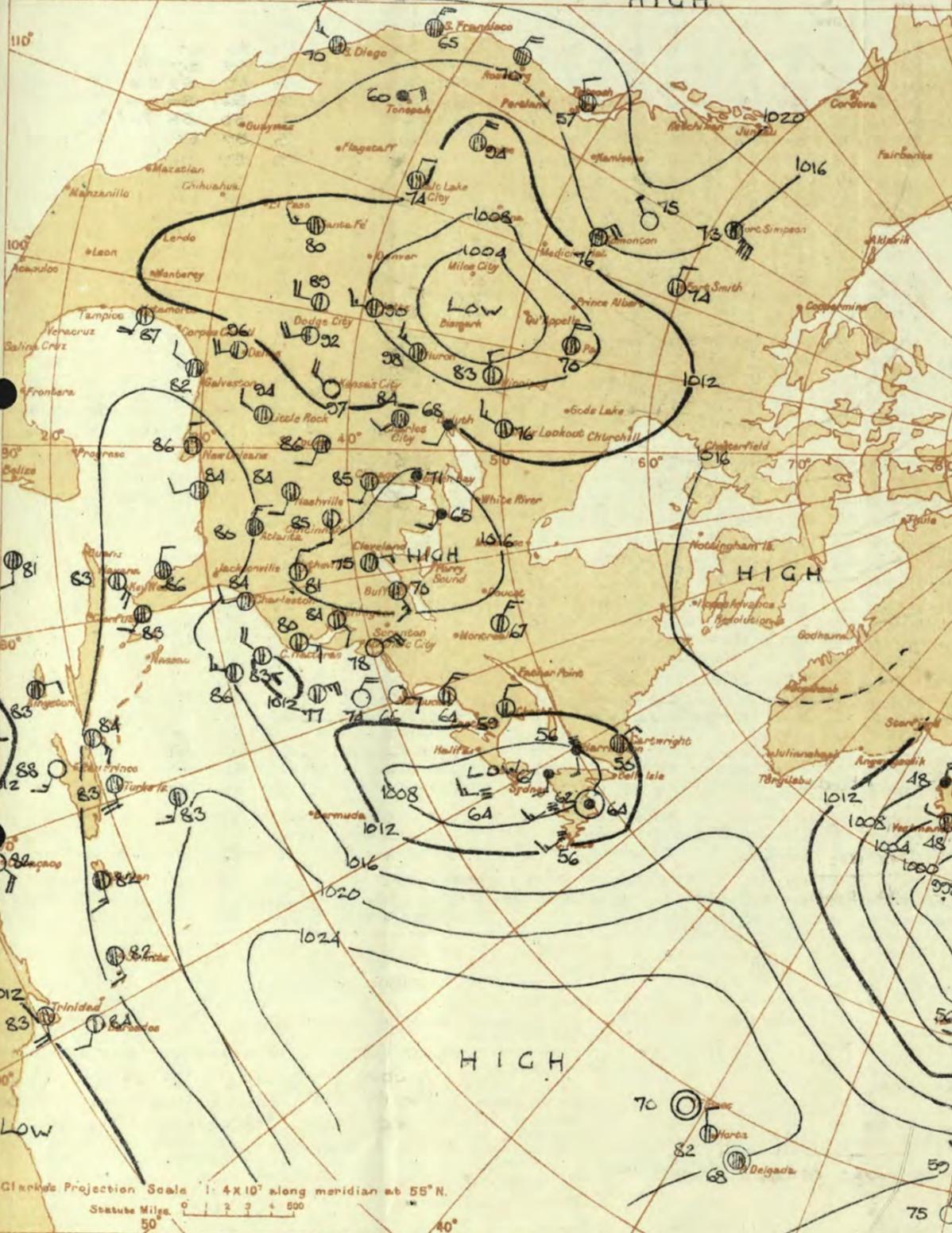
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
Monday 11th August,
1941.



Globe's Projection Scale 1:4x10⁷ along meridian at 55°N.
 Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETRE. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol:—
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS:— ○ Clear sky. ☁ Sky less than 3/10 clouded. ☁☁ Sky 4/10 to 6/10 clouded. ☁☁☁ Sky 7/10 to 9/10 clouded. ☁☁☁☁ Overcast sky. ☁☁☁☁☁ Rain falling. * Snow. ⚡ Sleet. ⚡⚡ Hail. Fog. ≡ Mist. ≡ Thunder. (⚡) Thunderstorm. ⚡ Slight haze. ☁
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.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Monday 11th August, 1941. No. 25, 117.

Main table with columns for District, Station, Observations at 1 hr. G.M.T., Observations at 7 hr. G.M.T., and Past 24 Hours. Includes sub-sections for LONDON OBSERVATIONS and FOREIGN OBSERVATIONS.

LONDON OBSERVATIONS table with columns for Day, Weather, Temperature, Rainfall, Sunshine, Humidity, and Atmospheric Pollution.

Table with columns for Morning, Afternoon, Night, Day Max, Night Min, Min on Grass, Day, Night, Yesterday, To-day, and 24 hrs. ended 7h. G.M.T.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed instructions for interpreting the data in columns 2, 16, 4, 8, 22, 30, 34, and 35.

FOREIGN OBSERVATIONS table with columns for Stations, Barom., Wind, Weather, Temp., and Rainfall.

Table with columns for Evening of 10th August, Morning of 11th August, and Past 24 Hours.

Table with columns for 0, 1, 4, 13-18, 9, 47-54, 2, 4-7, 5, 19-24, 10, 55-63, 3, 8-12, 7, 25-31, 11, 64-75, 8, 30-46, 12, 75.

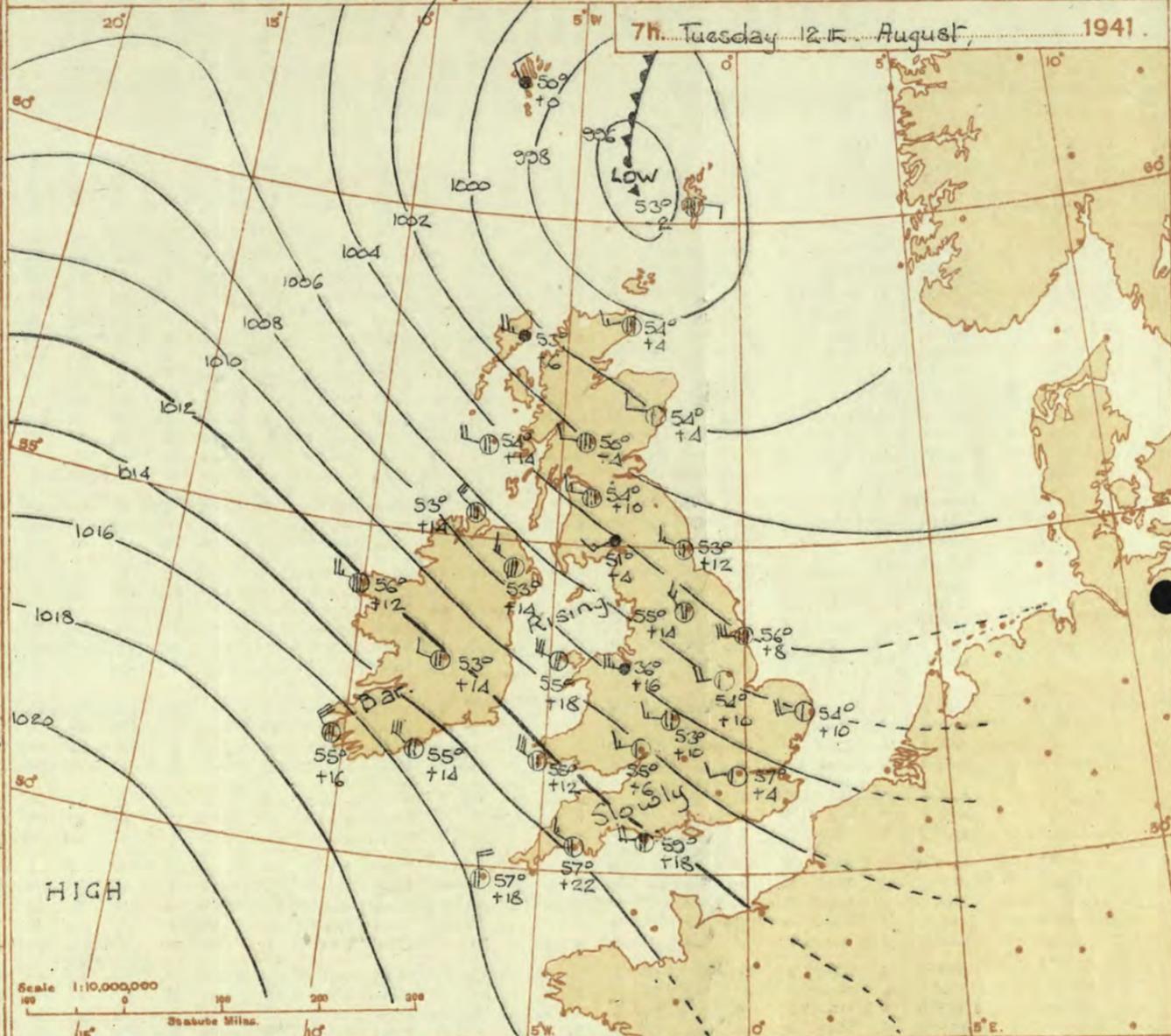
TERMS OF SUBSCRIPTION: Single Copies, 1d. each; by post 1 1/2d. 2/6 per month; 6/6 per quarter; 25/- per year. METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON W.C.2. N. K. JOHNSON, D.Sc., A.R.C.S., Director.

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 11h. August.....15h. G.M.T. | | | | | | 01h. G.M.T. 12h. August.....07h. G.M.T. | | | | | | | | | | | | |
|---|----------------|-------|-----------------|-------|----------------|---|-----------------|-------|-------|----------------|-------|-----------------|-------|-----|----------------|----|-----------------|-------|
| III | C _u | ww | Vh _N | DDFWN | C _u | ww | Vh _N | DDFWN | III | C _u | ww | Vh _N | DDFWN | III | C _u | ww | Vh _N | DDFWN |
| 109 | 87 | 10745 | 25266 | 87 | 02853 | 11285 | 53 | 02763 | 16224 | 87 | 02864 | 23224 | | | | | | |
| 115 | 52 | 02944 | 20386 | 52 | 81734 | 20487 | 54 | 81834 | 24486 | 52 | 81834 | 26487 | | | | | | |
| 203 | 8- | 81847 | 20417 | 8- | 64846 | 16466 | | | | 5- | 02838 | 20428 | | | | | | |
| 206 | 87 | 81964 | 18386 | 87 | 02864 | 24385 | 87 | 02865 | 24426 | 88 | 02866 | 24427 | | | | | | |
| 210 | 86 | 25954 | 23385 | 84 | 25065 | 22285 | 8- | 81966 | 22327 | 84 | 02964 | 20324 | | | | | | |
| 220 | 83 | 02845 | 22316 | 83 | 01844 | 27305 | | | | 81 | 81746 | 27488 | | | | | | |
| 230 | 86 | 02954 | 20386 | 86 | 01854 | 20384 | 8- | 02847 | 21-17 | 83 | 25843 | 58485 | | | | | | |
| 245 | 26 | 01964 | 16425 | 86 | 01864 | 18315 | 54 | 02872 | 26215 | 84 | 00352 | 24313 | | | | | | |
| 280 | 84 | 01864 | 22485 | 8- | 81755 | 20387 | 54 | 01754 | 24284 | 74 | 01774 | 22414 | | | | | | |
| 278 | 87 | 25744 | 20587 | 87 | 81746 | 28487 | 8- | 02876 | 24326 | 53 | 26853 | 58484 | | | | | | |
| 279 | 23 | 01853 | 22414 | 27 | 01854 | 18484 | -- | 02757 | 18287 | 53 | 02745 | 23226 | | | | | | |
| 285 | 23 | 02855 | 24566 | 24 | 81745 | 24587 | | | | 23 | 01633 | 26684 | | | | | | |
| 288 | 8- | 02856 | 18386 | 83 | 02864 | 20325 | 8- | 02757 | 18287 | 84 | 02863 | 25285 | | | | | | |
| 575 | | | | 83 | 01854 | 28514 | 5- | 81748 | 28488 | 5- | 02857 | 26427 | | | | | | |
| 801 | 83 | 02854 | 22326 | 2- | 02855 | 22425 | | | | 87 | 81745 | 58526 | | | | | | |
| 321 | 8- | 25757 | 30487 | 87 | 02754 | 55314 | 48 | 01761 | 24384 | 53 | 05663 | 23314 | | | | | | |
| 289 | | | | 57 | 05654 | 00015 | 57 | 05644 | 20315 | 5- | 02747 | 24327 | | | | | | |
| 292 | 83 | 25844 | 22237 | 87 | 02854 | 22325 | 53 | 05655 | 23287 | 84 | 01851 | 25264 | | | | | | |
| 310 | | | | -- | 01646 | 20416 | | | | -- | 67100 | 24343 | | | | | | |
| 614 | 94 | 10855 | 24485 | | | | 50 | 05655 | 55415 | 43 | 01764 | 24314 | | | | | | |
| 333 | 23 | 01844 | 20614 | 83 | 02855 | 22586 | 24 | 01851 | 24413 | 53 | 02743 | 26515 | | | | | | |
| 334 | -- | 61647 | 24388 | -- | 82646 | 23488 | | | | -- | 02644 | 20315 | | | | | | |
| 340 | | | | 86 | 01954 | 22584 | 53 | 01863 | 22324 | 86 | 81954 | 24385 | | | | | | |
| 136 | 86 | 02754 | 19316 | 86 | 01854 | 23315 | 04 | 01850 | 20412 | 14 | 01843 | 22413 | | | | | | |
| 336 | 62 | 63763 | 16768 | 52 | 02763 | 24417 | | | | 62 | 62752 | 28468 | | | | | | |
| 350 | 24 | 01864 | 05369 | 24 | 02862 | 20403 | 00 | 00780 | 20800 | 14 | 01851 | 20303 | | | | | | |
| 368 | 23 | 10845 | 21885 | 80 | 02846 | 22526 | | | | | | | | | | | | |
| 379 | 20 | 01854 | 20414 | 8- | 02866 | 20416 | 03 | 01790 | 20283 | 50 | 01753 | 22313 | | | | | | |
| 390 | 8- | 02636 | 21367 | 86 | 02744 | 21387 | 00 | 05690 | 24410 | 53 | 01743 | 22404 | | | | | | |
| 382 | 14 | 01854 | 21514 | 16 | 00853 | 24413 | 04 | 00830 | 22202 | 83 | 00830 | 22203 | | | | | | |
| 438 | 5- | 57009 | 23569 | | | | | | | 8- | 10745 | 24515 | | | | | | |
| 430 | 8- | 21827 | 53557 | 30 | 00851 | 55501 | 20 | 00751 | 24211 | 83 | 00753 | 24213 | | | | | | |
| 409 | 24 | 01845 | 22405 | 84 | 02836 | 22527 | 54 | 05742 | 23411 | 3- | 81837 | 27487 | | | | | | |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
 ww, W - Present and past weather—See M.O. 252.
 h, N_h - Height and amount of low cloud—See M.O. 252.
 N - Total amount of cloud—See M.O. 252.
 C_u, C_m - Form of low and medium cloud—See page 1.
 V - Visibility. F - Force of wind—See page 4.
 DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Tuesday 12th August, 1941. |
|---------------------------------|---|
| 1 S.E. England | Moderate west wind, fresh locally at first, backing S.W. tomorrow; bright intervals; showers; perhaps local thunderstorms; cool. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Moderate W.-N.W. wind, fresh or strong locally at first, backing S.W. tomorrow; bright intervals; showers; perhaps rain tomorrow morning; cool. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | Moderate W. wind, fresh locally at first, backing S.W. tomorrow; bright intervals; showers; local thunderstorms, perhaps rain tomorrow morning; cool. |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13 A. W. Scotland | Moderate or fresh W. wind, backing S.W.; bright intervals; showers; perhaps rain tomorrow morning; cool. |
| 13 B. N.W. Scotland | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | Moderate or fresh W. wind, backing S.W.; bright intervals; showers; perhaps rain tomorrow morning; cool. |
| 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.

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

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground
- Occluded Front (or Occlusion)
- Warm Occlusion
- Cold Occlusion
- Lines of Frontogenesis
- Frontolysis. (For explanation see page 3.)

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

GENERAL INFERENCE.

A depression off North Scotland is moving slowly N.E., and a wedge of high pressure is approaching from the Atlantic. There will be showers in most districts today, but also bright intervals. Rain may reach western districts tomorrow from the Atlantic.

FURTHER OUTLOOK.

Unsettled; probably rain in the west spreading East.

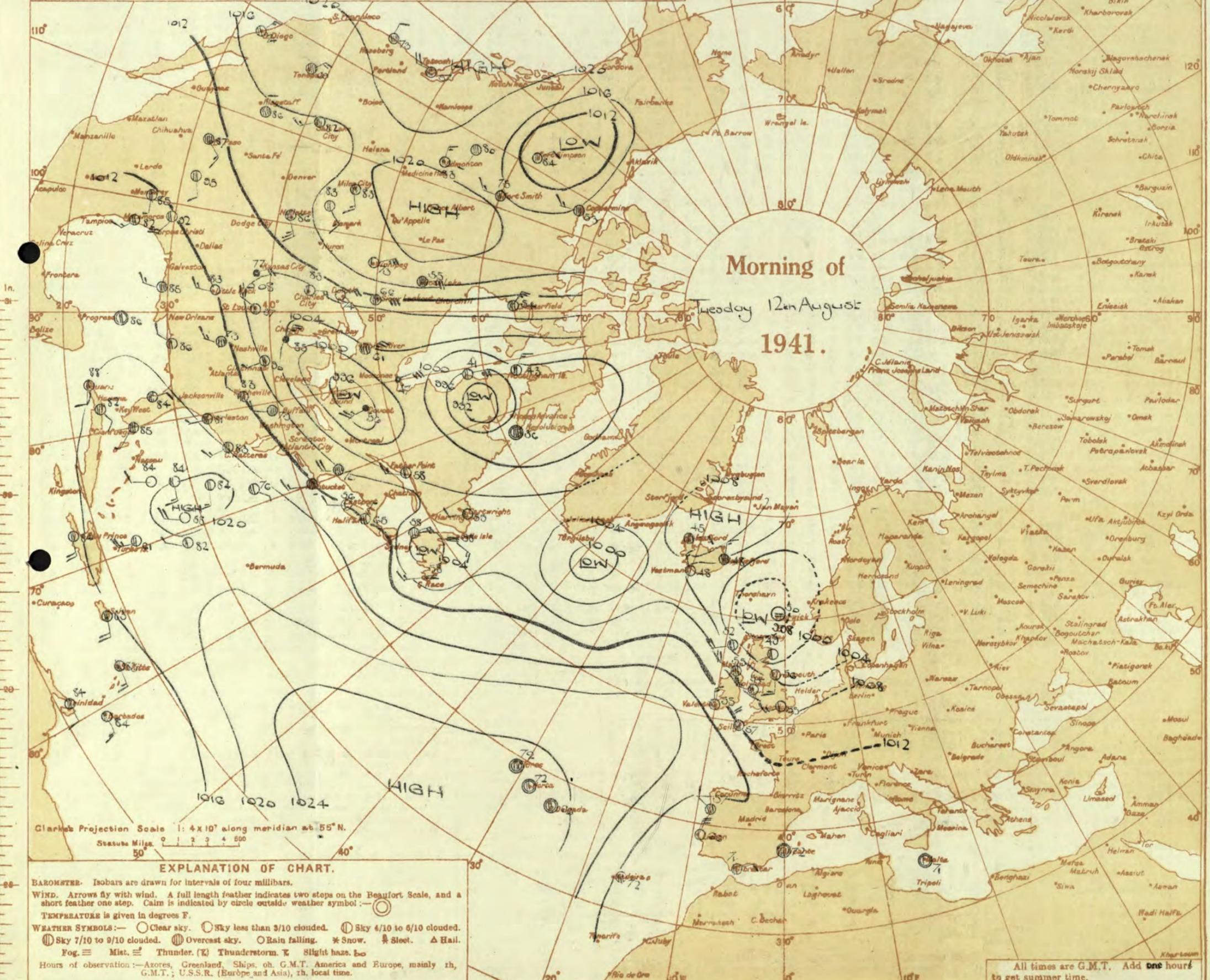
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

Forecasts issued at 10.30h G.M.T.
H.M.S.O. Press, Meteorological Office, Dunstable.

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin.
 In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Clark's Projection Scale 1: 4 x 10' 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. Δ Hail.
 Fog ≡ Mist. ≡ Thunder. (K) Thunderstorm. K Slight haze. ∞
 Hours of observation:—Azores, Greenland, Ships, oh, G.M.T. America and Europe, mainly rh, G.M.T.; U.S.S.R. (Europe and Asia), rh, local time.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| District. | STATIONS. | OBSERVATIONS at 1 hr. G.M.T. 12th August | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 12th August | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|-----------|-----------------------------|--|------------------|--------------------|-------|--------|-------|--------|-------------|--------|---------|-----------------|-------|---------|------------------|--|-----------------|------|-------|--------|-------------|--------|-------|---------|-----------------|------------------|--------------|------------------|--------------------|----------------|-------------|---------------|--------------------|------|---|--|--|--|--|
| | | Height above M.S.L. in feet. | Barom. at M.S.L. | Change in 3 hours. | Wind. | | Temp. | Humid. | Visibility. | Cloud. | | | | | Barom. at M.S.L. | Change in 3 hours. | Wind. | | Temp. | Humid. | Visibility. | Cloud. | | | | | TEMPERATURE. | | | | | RAINFALL. | | | | | | | |
| | | | | | Dir. | Force. | | | | Form. | Amount. | Height of Base. | Form. | Amount. | | | Height of Base. | Dir. | | | | Force. | Form. | Amount. | Height of Base. | State of Ground. | Sea. | Max. Day 7h-18h. | Min. Night 18h-7h. | Min. on Grass. | Day 7h-18h. | Night 18h-7h. | SUNSHINE 11th Hrs. | | | | | | |
| 1 | London (Kew) ... 18 | 1008.0 | +2 | SWW | 3 | 55 | 92 | 3 | - | - | 1 | 0 | Tr | 1008.4 | +14 | SW | 2 | 57 | 85 | 6 | 8 | - | 4 | 4 | 6 | 2500 | 1 | 67 | 54 | 45 | 8 | Tr | 2.6 | | | | | | |
| | Croydon ... 217 | 1008.0 | +2 | SWW | 3 | 55 | 92 | 3 | - | - | 1 | 0 | Tr | 1008.6 | +4 | WSW | 2 | 57 | 85 | 7 | 3 | - | Tr | 1 | 1500 | 1 | 69 | 54 | 51 | 8 | - | 3.1 | | | | | | | |
| | S. Farnborough ... 226 | 1008.3 | +4 | WSW | 3 | 55 | 92 | 8 | - | - | 3 | 0 | 4-G | 1008.8 | +2 | WS | 3 | 56 | 97 | 8 | 4 | 4 | - | 2-3 | 2-3 | 1800 | 1 | 69 | 53 | 50 | 7 | 0.3 | 3.2 | | | | | | |
| | Boscombe Down ... 417 | 1008.2 | +6 | W | 3 | 53 | 92 | 8 | 5 | - | - | 1 | 3000 | 1010.3 | +14 | WN | 3 | 55 | 85 | 8 | 2 | - | 1 | Tr | 1 | 2500 | 0 | 70 | 50 | 41 | 3 | Tr | 6.7 | | | | | | |
| | Thorney Island ... 10 | 1008.8 | -2 | WN | 3 | 53 | 92 | 7 | - | - | 1 | Tr | 1500 | 1010.4 | +10 | WNW | 3 | 57 | 92 | 6 | 7 | - | 2-3 | 2-3 | 5700 | 1 | 67 | 55 | 52 | 8 | - | * | | | | | | | |
| | Lympe ... 346 | 1008.5 | +2 | SW | 2 | 54 | 97 | 6 | - | - | 1 | 0 | Tr | 1010.7 | +10 | W | 3 | 55 | 97 | 7 | 8 | 3 | - | 4-G | 7-8 | 3500 | 1 | 63 | 52 | 48 | 9 | - | 2.3 | | | | | | |
| | Manston ... 154 | 1007.7 | 0 | WSW | 3 | 55 | 97 | 7 | - | - | - | 0 | 0 | 1008.2 | +12 | W | 2 | 56 | 92 | 8 | 2 | 3 | - | 1 | 7-8 | 3000 | 2 | 66 | 52 | 50 | 5 | Tr | 2.6 | | | | | | |
| 2 | Shoeburyness ... 11 | 1006.3 | +2 | WSW | 4 | 58 | 85 | 7 | - | - | 0 | 0 | - | 1008.1 | +4 | W | 3 | 58 | 85 | 6 | 5 | 7 | - | 1 | 4-G | 1500 | 1 | 69 | 55 | 49 | 7 | - | 3.2 | | | | | | |
| | Felixstowe ... 16 | 1005.6 | +2 | WSW | 4 | 57 | 85 | 7 | - | - | 4 | 1 | - | 1007.5 | +10 | WS | 4 | 56 | 92 | 7 | 5 | 6 | - | 0 | Tr | 1 | 2500 | 0 | 67 | 54 | 51 | 2 | 1 | 1.9 | | | | | |
| | Corleston ... 5 | 1005.6 | -2 | SWW | 3 | 57 | 85 | 8 | - | - | 0 | 0 | - | 1006.6 | +10 | WSW | 4 | 54 | 85 | 7 | 5 | 3 | - | Tr | 1 | 2500 | 0 | 66 | 53 | 49 | 16 | - | * | | | | | | |
| | Mildenhall ... 19 | 1005.4 | 0 | SWW | 3 | 55 | 85 | 8 | - | - | 0 | 0 | - | 1007.1 | +12 | WSW | 4 | 56 | 85 | 9 | 1 | 4 | - | 0 | Tr | 1 | 0 | 71 | 52 | 47 | 6 | Tr | 5.3 | | | | | | |
| | Cranwell ... 240 | 1004.1 | +4 | SW | 4 | 54 | 85 | 7 | 2 | 4 | - | 1 | 2-3 | 2500 | 1006.1 | +10 | WSW | 4 | 54 | 85 | 8 | 1 | 4 | - | Tr | 1 | 3500 | 1 | 70 | 50 | 49 | 1 | Tr | 8.0 | | | | | |
| 3 | Birmingham ... 535 | 1007.0 | +6 | WSW | 2 | 53 | 97 | 7 | 5 | - | - | 2-3 | 2-3 | 3000 | 1007.8 | +10 | W | 3 | 53 | 85 | 8 | 5 | - | 4-G | 4-G | 4000 | 1 | 67 | 49 | 46 | 3 | 0.3 | 6.6 | | | | | | |
| | Upper Heyford ... 408 | 1007.0 | +6 | WSW | 2 | 53 | 97 | 7 | 5 | - | - | 2-3 | 2-3 | 3000 | 1008.7 | +16 | SWW | 3 | 53 | 92 | 8 | 5 | 4 | - | Tr | 2-3 | 5000 | 1 | 70 | 49 | 46 | 0.3 | 1 | * | | | | | |
| 4 | Ross-on-Wye ... 223 | 1009.2 | +3 | WNW | 4 | 53 | 92 | 8 | 5 | 3 | - | 2-3 | 7-8 | 2500 | 1012.4 | +20 | NW | 4 | 56 | 75 | 8 | 2 | 6 | 2 | 4-G | 9 | 800 | 1 | 61 | 55 | 54 | 4 | - | 8.3 | | | | | |
| | Hartland Point ... 209 | 1008.3 | +2 | WNW | 2 | 57 | 97 | 7 | 5 | 1 | - | 2-3 | 2-3 | 2100 | 1011.0 | +16 | W | 3 | 55 | 85 | 8 | 2 | 4 | 1 | 4-G | 2500 | 1 | 67 | 50 | 42 | 0.4 | 5 | 7.2 | | | | | | |
| | Bristol ... 32 | 1009.3 | +4 | W | 3 | 58 | 92 | 8 | 1 | - | - | 2-3 | 2-3 | 4000 | 1011.2 | +18 | W | 4 | 59 | 85 | 8 | 5 | - | 4-G | 4-G | 4000 | 1 | 60 | 56 | 50 | 1 | - | * | | | | | | |
| | Portland Bill ... 82 | 1011.0 | +6 | W | 3 | 56 | 92 | 8 | 8 | - | - | 2-3 | 2-3 | 2000 | 1013.6 | +22 | NW | 3 | 57 | 85 | 8 | 8 | - | 2-3 | 4-G | 2000 | 0 | 65 | 54 | 51 | Tr | Tr | 8.4 | | | | | | |
| | The Lizard ... 240 | 1011.8 | +4 | WNW | 4 | 55 | 97 | 8 | 8 | - | - | 2-3 | 2-3 | 2500 | 1014.7 | +20 | NW | 4 | 57 | 85 | 8 | 8 | 6 | - | 4-G | 4-G | 2500 | 0 | 64 | 54 | 51 | Tr | Tr | 10.6 | | | | | |
| | Scilly (St. Mary's) ... 163 | 1012.2 | +10 | NW | 4 | 57 | 92 | 8 | 2 | 4 | - | 2-3 | 4-G | 1500 | 1014.7 | +18 | NW | 4 | 57 | 85 | 8 | 8 | 4 | - | 2-3 | 4-G | 1500 | 1 | 63 | 55 | 50 | Tr | Tr | 10.2 | | | | | |
| | Guernsey ... 175 | 1009.1 | +4 | WNW | 4 | 57 | 85 | 8 | 4 | - | - | 2-3 | 2-3 | 3000 | 1011.9 | +12 | NW | 6 | 55 | 85 | 8 | 2 | 6 | - | 2-3 | 4-G | 3000 | 1 | 61 | 54 | 50 | - | - | 11.4 | | | | | |
| 6 | Pembroke ... 142 | 1006.0 | +10 | WNW | 5 | 54 | 92 | 8 | 5 | 3 | - | 2-3 | 4-G | 3000 | 1008.7 | +18 | WNW | 6 | 58 | 85 | 8 | 5 | 3 | - | 2-3 | 4-G | 3000 | 0 | 63 | 52 | 51 | 1 | 0.2 | * | | | | | |
| 7 | Holyhead (Valley) ... 26 | 1005.1 | +10 | WN | 4 | 56 | 75 | 7 | 8 | 4 | - | 4-G | 4-G | 2500 | 1007.3 | +16 | WNW | 5 | 56 | 85 | 7 | 8 | 3 | - | 7-8 | 9 | 2000 | 1 | 69 | 54 | 50 | 0.4 | 1 | 5.8 | | | | | |
| 8 | Chester (Sealand) ... 16 | 1004.7 | +16 | W | 4 | 54 | 92 | 6 | 8 | 3 | - | 4-G | 7-8 | 2500 | 1006.1 | +8 | WN | 3 | 55 | 92 | 6 | 8 | 6 | - | 4-G | 4-G | 3000 | 1 | 67 | 52 | 48 | 3 | 2 | 5.2 | | | | | |
| 10 | Manchester ... 70 | 1002.4 | 0 | WSW | 3 | 57 | 85 | 7 | 2 | 4 | - | 4-G | 4-G | 4000 | 1003.7 | +8 | W | 6 | 56 | 85 | 7 | 5 | - | 7-8 | 7-8 | 5700 | 0 | 71 | 53 | 50 | 3 | Tr | 6.9 | | | | | | |
| | Spurn Head ... 29 | 1001.5 | +2 | NW | 4 | 55 | 85 | 6 | 8 | 3 | - | 7-8 | 10 | 2500 | 1003.7 | +14 | NW | 3 | 55 | 75 | 8 | 5 | 4 | - | 2-3 | 4-G | 3500 | 0 | 67 | 53 | 50 | 1 | 1 | 5.2 | | | | | |
| | Catterick ... 175 | 1000.9 | -4 | S | 3 | 56 | 85 | 6 | 8 | - | - | 9 | 10 | 2500 | 1002.8 | +12 | WNW | 3 | 53 | 85 | 6 | - | 3 | - | 0 | 2-3 | - | 1 | 2 | 67 | 52 | 51 | - | 5 | * | | | | |
| | Tynemouth ... 108 | 1000.9 | -4 | S | 3 | 56 | 85 | 6 | 8 | - | - | 9 | 10 | 2500 | 1002.8 | +12 | WNW | 3 | 53 | 85 | 6 | - | 3 | - | 0 | 2-3 | - | 1 | 2 | 67 | 52 | 51 | - | 5 | * | | | | |
| 11 | St. Abbs Head ... 280 | 1000.0 | -2 | WNW | 3 | 53 | 92 | 7 | 5 | 2 | - | 9 | 10 | 1500 | 1001.1 | +10 | WNW | 3 | 53 | 75 | 8 | 5 | 4 | 6 | 2-3 | 4-G | 2500 | 0 | 58 | 52 | 50 | 3 | 10 | * | | | | | |
| | Leuchars ... 36 | 999.5 | +2 | WSW | 2 | 53 | 85 | 9 | - | 4 | 2 | 0 | 7-8 | - | 1001.1 | +6 | WSW | 3 | 51 | 85 | 8 | 8 | 3 | 8 | 1 | 4-G | 4000 | 0 | 68 | 47 | 41 | 0.3 | 0.1 | 5.2 | | | | | |
| 12 | Rentrew (Abbots L.) ... 19 | 1002.3 | +10 | WSW | 2 | 50 | 92 | 8 | 5 | 3 | - | Tr | 4-G | 4000 | 1003.9 | +10 | WN | 3 | 54 | 92 | 8 | 6 | - | 7-8 | 7-8 | 2500 | 1 | 63 | 49 | 41 | 1 | 1 | 2.1 | | | | | | |
| | Eskdalemuir ... 794 | 1003.8 | +12 | WN | 3 | 54 | 92 | 8 | 4 | - | - | 4-G | 4-G | 2500 | 1005.7 | +12 | WNW | 6 | 55 | 85 | 8 | 8 | 4 | - | 4-G | 7-8 | 1000 | 0 | 63 | 53 | 50 | Tr | Tr | 4.7 | | | | | |
| | Point of Ayre ... 30 | 1003.8 | +12 | WN | 3 | 54 | 92 | 8 | 4 | - | - | 4-G | 4-G | 2500 | 1005.7 | +12 | WNW | 6 | 55 | 85 | 8 | 8 | 4 | - | 4-G | 7-8 | 1000 | 0 | 63 | 53 | 50 | Tr | Tr | 5.0 | | | | | |
| 13A | Tiree ... 22 | 1002.2 | 0 | WNW | 2 | 54 | 92 | 8 | 2 | 9 | - | 7-8 | 7-8 | 2500 | 1005.2 | +14 | WNW | 4 | 54 | 85 | 8 | 8 | - | 4-G | 4-G | 2200 | 0 | 61 | 52 | 50 | - | 2 | 11.6 | | | | | | |
| 13B | Stornoway ... 80 | 999.5 | +4 | WSW | 4 | 52 | 92 | 7 | 8 | 7 | - | 4-G | 7-8 | 1800 | 1000.1 | +6 | WNW | 5 | 53 | 97 | 7 | 8 | 7 | - | 9 | 10 | 1000 | 1 | 60 | 52 | 50 | 3 | 1 | 2.6 | | | | | |
| 15 | Dalwhinnie ... 1176 | 1000.0 | 0 | WSW | 3 | 53 | 92 | 8 | 5 | 3 | - | 7-8 | 7-8 | 2500 | 1001.1 | +6 | WNW | 3 | 53 | 97 | 7 | 8 | 7 | - | 9 | 10 | 1000 | 1 | 60 | 52 | 50 | 3 | 1 | 2.6 | | | | | |
| | Aberdeen ... 79 | 999.6 | +4 | WSW | 3 | 53 | 92 | 8 | 5 | 3 | - | 7-8 | 7-8 | 2500 | 1001.1 | +6 | WNW | 3 | 53 | 97 | 7 | 8 | 7 | - | 9 | 10 | 1000 | 1 | 60 | 52 | 50 | 3 | 1 | 2.6 | | | | | |
| | Wick ... 119 | 997.3 | -10 | SW | 3 | 52 | 97 | 7 | 5 | - | - | 9 | 9 | 1600 | 998.3 | +4 | WSW | 3 | 54 | 92 | 8 | 5 | 7 | 3 | 1 | 9 | 1200 | 1 | 61 | 49 | 43 | 1 | 0.2 | 3.7 | | | | | |
| | Sumburgh ... 30 | 997.9 | -6 | SE | 2 | 53 | 97 | 7 | 5 | 7 | - | 7-8 | 9 | 1400 | 997.4 | -2 | ESE | 2 | 53 | 97 | 7 | 5 | 7 | - | 7-8 | 9 | 1400 | * | 56 | 48 | 41 | * | * | | | | | | |
| 17 | Blackod Point ... 18 | 1010.6 | +10 | WNW | 5 | 54 | 85 | 7 | 3 | - | 4 | 2-3 | 4-G | 2500 | 1012.4 | +12 | WNW | 5 | 56 | 85 | 8 | 5 | - | 4-G | 9 | 2500 | 0 | 62 | 52 | 50 | 1 | 0.5 | * | | | | | | |
| 18 | Main Head ... 84 | 1004.6 | +10 | NW | 4 | 55 | 85 | 7 | 9 | - | - | 9 | 9 | 1500 | 1007.0 | +14 | NW | 5 | 53 | 92 | 7 | 9 | - | 4-G | 9 | 1500 | 0 | 62 | 52 | 50 | 5 | 2 | 3.8 | | | | | | |
| | Aldergrove ... 268 | 1005.6 | +10 | WN | 3 | 54 | 92 | 7 | 5 | - | - | 9 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

BRITISH SECTION
Wednesday 13th August 1941.
No. 29119

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

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

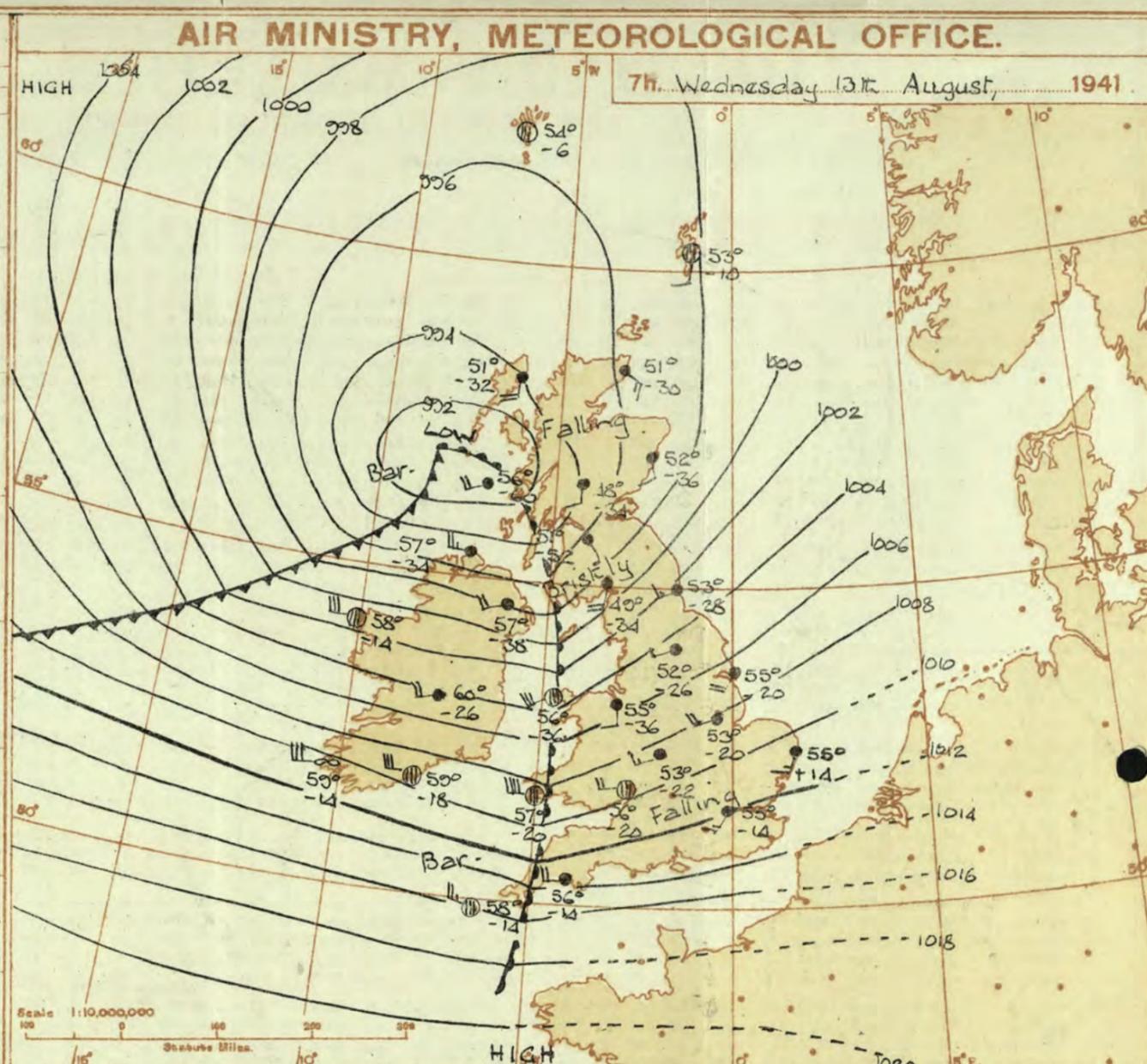
PAST 24 HOURS.

| 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. | | | | | State of
Ground.
0-9
(29) | Sea.
0-9
(30) | WEATHER. | | | | | |
|----------|--------------------------------------|--------------------------------------|------------------------------|-------------|--------------|-----------------|---------------------|--------------------|---------------------------|--------------|-----------------|---|---------------|----------------|---------------------------------------|-------------------------------|---|---------------------------|------------------|----------------------|---------------------|----------------------------|----------------------------|----------------------------------|--------------------------|-------------|-----------------------|------------------------------------|---------------------|-------------|-----------------------|-----------|-----------|-----------|----------|
| | | | | Dir.
(3) | Force
(4) | | | | | Form.
(9) | Amount.
(10) | Height
of
Base.
(feet)
(11) | Form.
(23) | Amount
(24) | | | Height
of
Base.
(feet)
(25) | 7h.—18h.
12th.
(37) | | | | | 18h.—18h.
12th.
(38) | 18h. 12th to
1h. 13th
(39) | 1h.—7h.
13th.
(40) | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | Low
(12) | Total
0-10
(13) | | | Low
(26) | Total
0-10
(27) | | | | |
| 1 | London (Kew)... | 1010.8 | +4 | W'S | 4 | c | 64 | 55 | 8 | 8 | 5 | 4.6 | 7.8 | 1500 | 1012.8 | +14 | WNW | 3 | c | 63 | 55 | 8 | 8 | 3 | 6 | 4.6 | 9 | 2500 | 1 | * | bcpr, bey | bcpr, bey | bcpr, bey | bcpr, bey | |
| | Croydon ... | 1011.0 | +6 | W | 3 | bc/pr | 65 | 65 | 8 | 2 | 6 | 3 | 4.6 | 4.6 | 3000 | 1012.7 | +10 | WNW | 4 | bc | 62 | 55 | 8 | 2 | 6 | 2 | 2.3 | 4.6 | 3500 | 1 | * | bcpr | bcpr | bcpr | bcpr |
| | S. Farnborough | 1011.5 | +10 | WNW | 2 | c | 63 | 65 | 8 | 8 | 6 | 5 | 4.6 | 7.8 | 2500 | 1013.2 | +12 | WSW | 3 | c | 62 | 55 | 8 | 7 | 3 | 9 | 4.6 | 7.8 | 3000 | 1 | * | pr | pr | pr | pr |
| | Boscombe Down | 1012.4 | +6 | WNW | 5 | bc | 63 | 55 | 8 | 2 | - | - | 4.6 | 4.6 | 2500 | 1014.4 | +8 | WNW | 5 | c | 58 | 75 | 8 | 7 | - | 7 | 2.3 | 9 | 3000 | 0 | * | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| | Thorney Island | 1012.0 | +8 | WNW | 4 | c | 68 | 55 | 9 | 8 | 6 | 1 | 7.8 | 7.8 | 4000 | 1014.0 | +10 | NW | 3 | c | 62 | 65 | 9 | 8 | 4 | - | 7.8 | 7 | 2500 | 0 | * | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| | Lymington | 1011.2 | +2 | WSW | 3 | c | 66 | 55 | 8 | 3 | 6 | 3 | 4.6 | 7.8 | 4000 | 1013.1 | +6 | WNW | 3 | bc | 63 | 55 | 8 | 3 | 4 | - | 1 | 2.3 | 4000 | 1 | * | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| | Manston | 1010.2 | +6 | W | 4 | c | 65 | 55 | 7 | 8 | 6 | 2 | 7.8 | 7.8 | 2000 | 1012.0 | +10 | WNW | 2 | bc | 63 | 55 | 8 | 8 | 6 | - | 2.3 | 2.3 | 3000 | 1 | * | pr | pr | pr | pr |
| 2 | Shoeburyness ... | 1010.7 | +6 | W | 3 | c | 66 | 55 | 7 | 8 | 7 | 6 | 4.6 | 7.8 | 2500 | 1012.5 | +8 | NW | 3 | bc | 64 | 55 | 8 | 8 | - | - | 2.3 | 2.3 | 4000 | 1 | * | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| | Felixstowe ... | 1009.3 | +10 | W/N | 3 | bc/pr | 59 | 85 | 8 | 8 | 6 | 3 | 2.3 | 2.3 | 2000 | 1010.5 | +6 | WNW | 4 | bc | 64 | 55 | 8 | 8 | 4 | - | 2.3 | 2.3 | 2500 | 1 | 3 | bcpr | bcpr | bcpr | bcpr |
| | Gorleston ... | 1008.4 | +8 | W'S | 4 | bc | 66 | 55 | 7 | 2 | 4 | - | 1.6 | 4.6 | 3000 | 1009.9 | +4 | WNW | 2 | bc | 62 | 55 | 7 | 8 | 3 | - | 4.6 | 4.6 | 2500 | 1 | 2 | bcpr | bcpr | bcpr | bcpr |
| | Mildenhall ... | 1008.6 | +6 | W | 5 | c | 63 | 65 | 7 | 8 | 7 | - | 7.8 | 9 | 1800 | 1010.5 | +10 | W | 4 | bc | 63 | 75 | 8 | 2 | 6 | - | 2.3 | 4.6 | 3500 | 0 | * | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| | Cranwell ... | 1008.4 | +12 | WNW | 5 | bc | 63 | 65 | 7 | 2 | 6 | - | 4.6 | 4.6 | 3000 | 1010.3 | +8 | W/N | 3 | c | 60 | 55 | 8 | 2 | 7 | - | 1 | 7.8 | 2500 | 0 | * | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| 3 | Birmingham | 1010.7 | +8 | WNW | 4 | bc | 62 | 45 | 8 | 8 | - | - | 4.6 | 4.6 | 2500 | 1012.4 | +10 | WNW | 3 | c | 59 | 55 | 8 | 8 | 7 | 2 | 4.6 | 9 | 2500 | 1 | * | bcpr | bcpr | bcpr | bcpr |
| | Upper Heyford | 1010.6 | +10 | NW | 4 | c | 65 | 45 | 9 | 8 | 6 | - | 4.6 | 7.8 | 2800 | 1012.6 | +12 | W | 2 | c | 60 | 65 | 8 | 8 | 6 | 6 | 2.3 | 9 | 4000 | 0 | * | bc | bc | bc | bc |
| 4 | Ross-on-Wye ... | 1012.2 | +10 | W/N | 5 | bc | 61 | 55 | 8 | 7 | - | - | 4.6 | 4.6 | 4000 | 1013.4 | +6 | W/N | 4 | c | 61 | 55 | 9 | 8 | 3 | 7 | 2.3 | 9 | 4000 | 0 | * | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| 5 | Hartland Point | 1015.2 | +6 | WNW | 4 | bc | 60 | 75 | 8 | 2 | 4 | 6 | 2.3 | 4.6 | 1500 | 1016.0 | +2 | W | 4 | c | 59 | 75 | 8 | 2 | 9 | 8 | 2.3 | 9 | 1500 | 0 | 4 | bc | bc | bc | bc |
| | Bristol ... | 1013.2 | +14 | WNW | 5 | c | 64 | 55 | 9 | 8 | 6 | - | 4.6 | 7.8 | 2500 | 1015.1 | +12 | W/N | 4 | c/pr | 59 | 75 | 8 | 8 | 7 | 2 | 4.6 | 9 | 2000 | 0 | 5 | bcpr | bcpr | bcpr | bcpr |
| | Portland Bill ... | 1013.8 | +14 | WNW | 4 | c | 63 | 75 | 8 | 2 | - | - | 7.8 | 7.8 | 4000 | 1015.6 | -6 | W | 4 | c | 61 | 75 | 8 | 2 | 4 | - | 7.8 | 10 | 4000 | 1 | 5 | bc | bc | bc | bc |
| | Plymouth ... | 1016.3 | +10 | W/N | 5 | c | 64 | 55 | 8 | 1 | 5 | 4 | 4.6 | 9 | 3500 | 1017.7 | +6 | NW | 5 | c | 60 | 75 | 8 | 2 | 3 | 7 | 4.6 | 9 | 3000 | 0 | 3 | bcpr | bcpr | bcpr | bcpr |
| | The Lizard ... | 1017.5 | +14 | NW | 4 | bc | 62 | 65 | 8 | 2 | 6 | 1 | 4.6 | 4.6 | 3500 | 1019.0 | +4 | WNW | 5 | c | 57 | 85 | 8 | 8 | 6 | - | 7.8 | 7.8 | 2500 | 0 | 3 | bc | bc | bc | bc |
| | Soilly (St. Mary's) | 1018.4 | +10 | NW | 4 | bc | 64 | 75 | 7 | 8 | 4 | 3 | 1 | 4.6 | 1500 | 1019.4 | +4 | NW | 4 | c | 53 | 75 | 8 | 8 | 7 | - | 4.6 | 9 | 1500 | 1 | 3 | bc | bc | bc | bc |
| | Guernsey ... | 1018.4 | +10 | NW | 4 | bc | 64 | 75 | 7 | 8 | 4 | 3 | 1 | 4.6 | 1500 | 1019.4 | +4 | NW | 4 | c | 53 | 75 | 8 | 8 | 7 | - | 4.6 | 9 | 1500 | 1 | 3 | bc | bc | bc | bc |
| 6 | Pembroke ... | 1015.0 | +4 | W/N | 5 | cq | 58 | 75 | 8 | 2 | 7 | - | 4.6 | 7.8 | 3000 | 1014.8 | -4 | W | 6 | cq | 58 | 85 | 7 | 7 | 6 | - | 4.6 | 7.8 | 2500 | 1 | 4 | bcpr | bcpr | bcpr | bcpr |
| 7 | Holyhead (Valley) | 1011.5 | +10 | W | 5 | c | 60 | 75 | 8 | 8 | 7 | 1 | 4.6 | 7.8 | 3000 | 1011.8 | +2 | WNW | 4 | c | 58 | 85 | 8 | 8 | 7 | - | 7.8 | 10 | 4500 | 0 | 3 | bcpr | bcpr | bcpr | bcpr |
| | Chester (Sealand) | 1010.2 | +10 | WNW | 6 | bc | 61 | 55 | 8 | 8 | 6 | - | 4.6 | 4.6 | 1500 | 1011.0 | +2 | W | 5 | c | 60 | 65 | 8 | 9 | 8 | 4 | 4.6 | 9 | 2000 | 1 | 0 | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| 8 | Manchester ... | 1009.4 | +14 | W/N | 5 | c/pr | 59 | 65 | 8 | 8 | 3 | 1 | 7.8 | 9 | 2000 | 1010.8 | +6 | W | 4 | c | 58 | 75 | 8 | 2 | 3 | 2 | 7.8 | 9 | 2500 | 1 | * | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| 10 | Spurn Head ... | 1005.9 | +10 | W'S | 5 | c | 63 | 55 | 7 | 8 | 7 | - | 4.6 | 7.8 | 4000 | 1008.3 | +16 | NW | 6 | bcpr | 61 | 65 | 7 | 8 | 9 | - | 4.6 | 4.6 | 4000 | 0 | 5 | bcpr | bcpr | bcpr | bcpr |
| | Catterick ... | 1006.0 | +8 | WNW | 5 | bc/pr | 64 | 55 | 8 | 8 | 3 | - | 4.6 | 4.6 | 3200 | 1008.1 | +6 | WNW | 3 | bc | 60 | 55 | 8 | 4 | 6 | - | 2.3 | 4.6 | 3500 | 0 | * | pr | pr | pr | pr |
| | Tynemouth ... | 1009.6 | +12 | WNW | 5 | bc | 62 | 65 | 8 | 2 | - | - | 4.6 | 4.6 | 2800 | 1006.5 | +12 | W | 5 | bc | 62 | 65 | 7 | 2 | 3 | - | 4.6 | 4.6 | 3200 | 1 | 3 | bc | bc | bc | bc |
| 11 | St. Abbs Head | 1003.1 | +12 | WNW | 4 | bc | 59 | 65 | 8 | 8 | 4 | - | 4.6 | 4.6 | 2500 | 1004.6 | +12 | WNW | 5 | bc | 59 | 65 | 8 | 4 | 4 | 2 | 4.6 | 4.6 | 2500 | 0 | 3 | bc | bc | bc | bc |
| | Leuchars ... | 1002.4 | +6 | WSW | 6 | bc | 63 | 45 | 9 | 8 | 4 | - | 4.6 | 4.6 | 3500 | 1004.1 | +10 | W | 6 | c | 61 | 55 | 9 | 4 | 3 | 5 | 4.6 | 7.8 | 3200 | 0 | * | bcpr | bcpr | bcpr | bcpr |
| 12 | Restrev (Abbots L.) | 1005.7 | +8 | WNW | 5 | c | 59 | 55 | 9 | 8 | 4 | - | 7.8 | 7.8 | 2000 | 1007.2 | +8 | W | 4 | c | 58 | 65 | 8 | 8 | 4 | 6 | 1 | 9 | 2500 | 0 | * | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| | Esksdalemuir ... | 1005.4 | +10 | WNW | 5 | c | 58 | 65 | 8 | 8 | - | - | 7.8 | 7.8 | 2500 | 1007.0 | +6 | WNW | 5 | bc | 55 | 65 | 8 | 8 | - | 8 | 2.3 | 4.6 | 2500 | 0 | * | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| | Point of Ayre ... | 1009.1 | +10 | NW | 4 | c | 61 | 75 | 8 | 7 | 3 | 9 | 4.6 | 7.8 | 3000 | 1009.9 | 0 | NW | 3 | c/pr | 57 | 85 | 8 | 9 | 7 | - | 4.6 | 9 | 2000 | 0 | 3 | bc | bc | bc | bc |
| 13A | Tiree ... | 1008.0 | +12 | WNW | 4 | bc | 57 | 75 | 8 | 8 | 3 | - | 4.6 | 4.6 | 2500 | 1007.8 | 0 | SW | 2 | c | 56 | 85 | 8 | 5 | - | - | 9 | 9 | 2100 | 0 | 4 | bc | bc | bc | bc |
| 13B | Stornoway ... | 1004.5 | +32 | NW | 5 | pr | 55 | 85 | 7 | 8 | 7 | - | 7.8 | 9 | 1000 | 1005.1 | 0 | W | 4 | c | 56 | 65 | 8 | 2 | 7 | 8 | 4.6 | 7.8 | 2000 | 1 | 2 | bcpr | bcpr | bcpr | bcpr |
| 15 | Dalwhinnie ... | 1004.2 | +16 | W | 3 | pr | 53 | 85 | 7 | 5 | - | - | 10 | 10 | 1500 | 1006.1 | +8 | W | 3 | c | 52 | 75 | 8 | 8 | - | 2 | 7.8 | 9 | 2500 | 1 | * | bcpr | bcpr | bcpr | bcpr |
| | Aberdeen ... | 1000.9 | +6 | W | 4 | bc/pr | 64 | 55 | 9 | 8 | - | - | 4.6 | 4.6 | 3100 | 1003.7 | +18 | NW | 4 | pr | 57 | 75 | 8 | 8 | 6 | - | 4.6 | 7.8 | 2500 | 1 | 3 | bcpr, bc | bcpr, bc | bcpr, bc | bcpr, bc |
| | Wick ... | 1000.4 | +10 | WNW | 5 | c | 55 | 55 | 9 | 2 | 7 | - | 9 | 9 | 2000 | 1002.4 | +10 | W/N | 3 | | | | | | | | | | | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 12th. August | | | | 18h. G.M.T. | | | | 01h. G.M.T. 13th. August | | | | 07h. G.M.T. | | | |
|--------------------------|----------------|-----------------|-------|----------------|-----------------|-------|----------------|--------------------------|-------|----------------|-----------------|-------------|----------------|-----------------|-------|
| III | C _w | Vh _N | DDFWN | C _w | Vh _N | DDFWN | C _w | Vh _N | DDFWN | C _w | Vh _N | DDFWN | C _w | Vh _N | DDFWN |
| 109 | 87 | 10846 | 28487 | 8- | 25847 | 57427 | 07 | 01663 | 24223 | 87 | 02843 | 14226 | | | |
| 115 | 52 | 81834 | 26487 | 52 | 81834 | 24487 | 54 | 02844 | 20385 | 52 | 64738 | 20268 | | | |
| 203 | 5- | 61838 | 24468 | 54 | 02544 | 24408 | 5- | 64838 | 16428 | 6- | 64838 | 16368 | | | |
| 206 | 87 | 81858 | 24487 | 83 | 02855 | 24387 | 52 | 61855 | 24168 | 52 | 64744 | 12268 | | | |
| 210 | 8- | 81856 | 24487 | 87 | 02855 | 25487 | 57 | 62863 | 13215 | 02 | 62748 | 10168 | | | |
| 220 | 13 | 01954 | 27404 | 81 | 02746 | 22318 | | | | 5- | 66408 | 14368 | | | |
| 230 | 8- | 81858 | 57485 | 83 | 10854 | 25387 | 5- | 62748 | 18468 | 52 | 64637 | 14268 | | | |
| 245 | 24 | 81965 | 23287 | 84 | 10855 | 20386 | 57 | 02874 | 24127 | 02 | 64648 | 19368 | | | |
| 260 | 8- | 02965 | 24485 | 70 | 01963 | 24414 | 52 | 02654 | 22268 | | | | | | |
| 278 | | | | 87 | 02864 | 24427 | | | | 02 | 62618 | 16368 | | | |
| 270 | 83 | 25854 | 23384 | 14 | 01853 | 24415 | -- | 62636 | 53468 | | | | | | |
| 285 | | | | 23 | 81744 | 24685 | | | | 6- | 64638 | 20468 | | | |
| 288 | 24 | 02865 | 58426 | 84 | 25955 | 24385 | 02 | 62790 | 20368 | 62 | 64668 | 18368 | | | |
| 575 | 57 | 64746 | 26268 | 62 | 62635 | 24468 | 62 | 56626 | 20268 | | | | | | |
| 901 | 26 | 02854 | 61585 | 37 | 62853 | 26427 | 53 | 64534 | 57568 | 52 | 64644 | 55758 | | | |
| 321 | 86 | 01754 | 24484 | 83 | 02746 | 24326 | 52 | 62653 | 23268 | 52 | 64634 | 22468 | | | |
| 299 | 8- | 25786 | 24486 | | | | 50 | 02744 | 20227 | 62 | 62545 | 20268 | | | |
| 292 | 80 | 25955 | 25485 | 87 | 01952 | 25313 | 52 | 62768 | 21128 | 62 | 64658 | 17368 | | | |
| 310 | | | | -- | 02645 | 24515 | | | | -- | 67209 | 24540 | | | |
| 614 | 8- | 02745 | 24425 | 46 | 02764 | 59327 | | | | 62 | 61536 | 22468 | | | |
| 338 | 87 | 81955 | 24416 | | | | 52 | 64636 | 22468 | 52 | 22637 | 54568 | | | |
| 334 | | | | -- | 02844 | 24427 | | | | -- | 56427 | 18458 | | | |
| 340 | 26 | 02965 | 26386 | 8- | 02955 | 59485 | 52 | 64655 | 20368 | 52 | 62945 | 20368 | | | |
| 136 | 36 | 25784 | 26485 | 86 | 10855 | 28685 | 57 | 02764 | 22317 | 62 | 62637 | 20468 | | | |
| 336 | 52 | 03763 | 28328 | 51 | 02762 | 24418 | | | | | | | | | |
| 350 | 86 | 25864 | 24485 | 87 | 02864 | 24416 | 5- | 61638 | 20328 | 62 | 62626 | 18368 | | | |
| 368 | 86 | 02864 | 26625 | 87 | 10744 | ----- | | | | 62 | 22736 | 22468 | | | |
| 370 | 80 | 01954 | 26514 | 83 | 02865 | 24427 | | | | | | | | | |
| 390 | 36 | 25784 | 25486 | 26 | 01763 | 26413 | 51 | 05663 | 23318 | 62 | 64536 | 20368 | | | |
| 382 | 10 | 01854 | 25414 | 73 | 02865 | 24416 | 07 | 61790 | 22268 | 62 | 64637 | 20368 | | | |
| 438 | 8- | 02855 | 24517 | | | | | | | 6- | 22508 | 24568 | | | |
| 430 | 86 | 02965 | 26425 | | | | 57 | 61763 | 22368 | 57 | 62634 | 20268 | | | |
| 409 | 53 | 02845 | 26527 | 57 | 02851 | 25418 | 57 | 62744 | 23468 | 62 | 58527 | 22568 | | | |

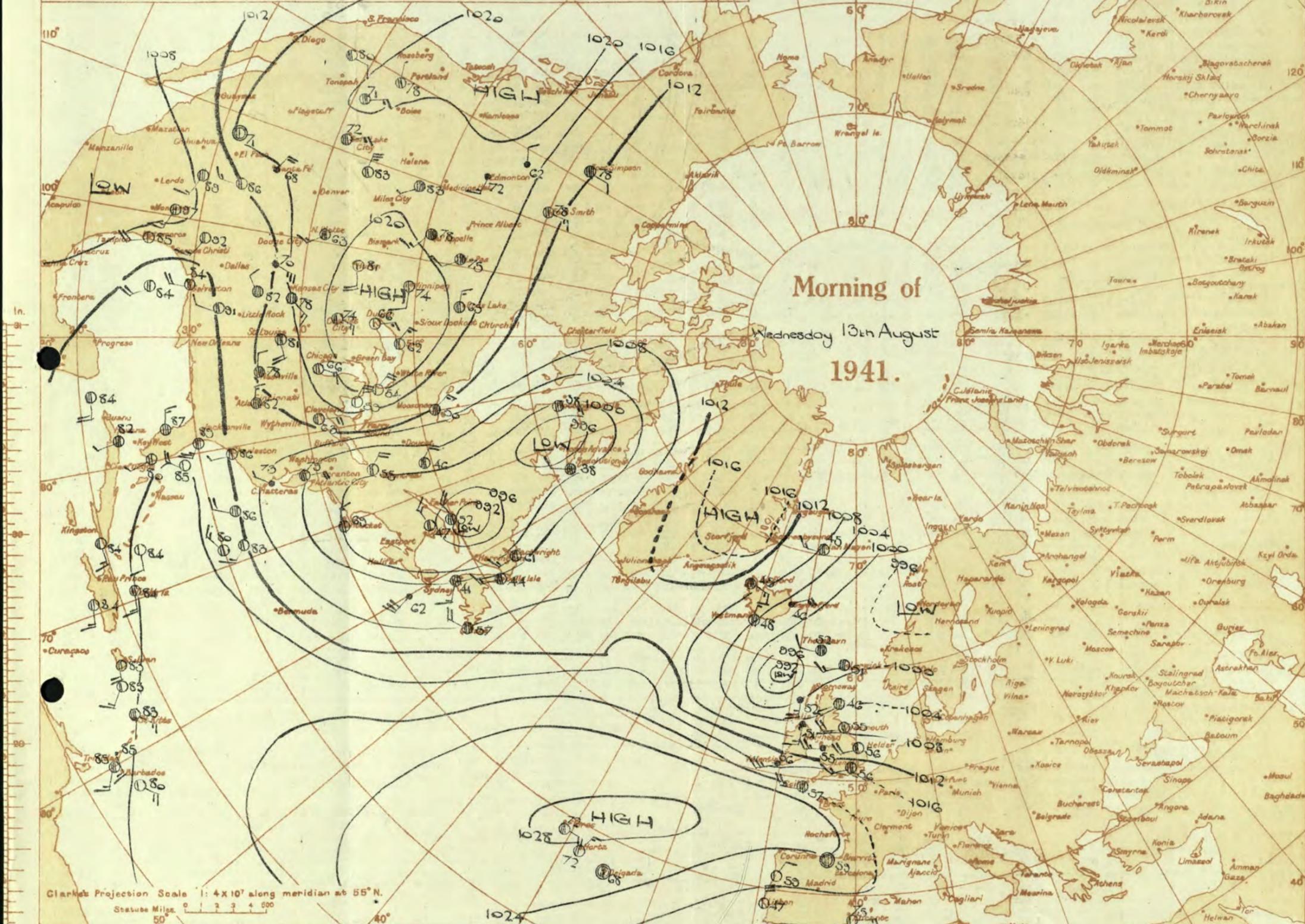
| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 13th. Aug. 1941. |
|--------------------------------|--|
| 1 S.E. England | Moderate or fresh S.W.-W. wind, strong at times locally; rain at first, fairer later; rather cool. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Fresh or strong W. wind, gale at times locally, veering N.W.; rain at first, showers and bright intervals later; cool. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | Wind east or variable becoming N.W., strong at times; rain at first, then showers; cool. |
| 12 S.W. Scotland & Isle of Man | |
| 13 A. W. Scotland | |
| 13 B. N.W. Scotland | |
| 14 Mid Scotland | As 1-4. |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | |



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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
 Wednesday 13th August
 1941.

Clark's Projection Scale 1: 4 x 10⁷ 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. Δ Hail. Fog. ≡ Mist. ≡ Thunder. (E) Thunderstorm. E Slight haze. ∞
 Hours of observation:—Azores, Greenland, Ships, oh, G.M.T. America and Europe, mainly th, G.M.T.; U.S.S.R. (Europe and Asia), rh, local time.

All times are G.M.T. Add 1 hour to get summer time.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 13th August | | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 13th August | | | | | | | | | | | | | | | 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. (8) | Cloud. | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. (22) | Cloud. | | | State of Ground. (29) | Sea. (30) | TEMPERATURE. | | | RAINFALL. | | SUNSHINE Hrs. (36) | | | | | | | |
| | | | | | Dirce. | Force. | | | | | Form. | Amount. | Height of Base (feet). | | | Dirce. | Force. | | | | | Form. | Amount. | Height of Base (feet). | | | 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. | Med. | High. | Low. | Med. | High. | |
| 1 | London (Kew) ... 18 | 1014.2 | -2 | SW | 3 | bc | 56 | 85 | 8 | - | - | 1011.5 | -16 | W'N | 4 | bc | 56 | 82 | 7 | 6 | 2 | - | 10 | 1500 | 1 | 67 | 55 | 48 | Tr | 3 | 9.5 | | | | | | | | |
| | Croydon ... 217 | 1014.2 | -2 | SW | 3 | bc | 56 | 85 | 8 | - | - | 1012.2 | -14 | W'N | 3 | bc | 55 | 82 | 7 | 6 | 2 | - | 10 | 500 | 1 | 67 | 50 | 51 | Tr | 3 | 11.2 | | | | | | | | |
| | S. Farnborough ... 226 | 1014.4 | -2 | SW | 3 | bc | 56 | 85 | 8 | - | - | 1011.9 | -14 | W'N | 4 | bc | 53 | 82 | 7 | 5 | 2 | - | 10 | 1000 | 1 | 67 | 54 | 53 | Tr | 2 | 10.0 | | | | | | | | |
| | Boscombe Down ... 417 | 1015.3 | 0 | WSW | 3 | bc | 54 | 87 | 7 | 5 | 1 | 1013.0 | -12 | SW | 4 | bc | 55 | 87 | 7 | 6 | 7 | - | 10 | 800 | 1 | 65 | 53 | 52 | - | 2 | 8.3 | | | | | | | | |
| | Thorney Island ... 10 | 1015.5 | 0 | W | 3 | bc | 58 | 85 | 7 | 5 | 2 | 1013.4 | -10 | WSW | 4 | bc | 58 | 82 | 6 | 5 | 2 | - | 10 | 2500 | 1 | 69 | 56 | 54 | - | 2 | * | | | | | | | | |
| | Lymington ... 346 | 1015.5 | +4 | WSW | 2 | bc | 53 | 85 | 6 | 2 | 7 | 1014.2 | -6 | S | 1 | bc | 54 | 87 | 6 | 6 | 2 | - | 10 | 500 | 1 | 68 | 52 | 47 | - | 1 | 10.6 | | | | | | | | |
| | Manston ... 154 | 1014.1 | +2 | WSW | 2 | bc | 55 | 85 | 7 | - | 6 | 1012.1 | -10 | SW | 3 | bc | 55 | 87 | 6 | 6 | 7 | - | 10 | - | 1 | 67 | 51 | 48 | Tr | 1 | 9.9 | | | | | | | | |
| 2 | Shoeburyness ... 11 | * | * | * | * | * | * | * | * | * | * | 1012.4 | -12 | SW | 3 | bc | 56 | 87 | 6 | 6 | 2 | - | 10 | 800 | 1 | 68 | 55 | 49 | 0.4 | 3 | 10.6 | | | | | | | | |
| | Felixstowe ... 16 | 1012.5 | +2 | W | 2 | bc | 56 | 75 | 8 | 7 | - | 1010.5 | -14 | WSW | 4 | bc | 55 | 87 | 6 | 6 | 2 | - | 10 | 600 | 1 | 66 | 55 | 50 | 1 | 2 | 9.4 | | | | | | | | |
| | Gorleston ... 5 | 1012.2 | +6 | W | 2 | bc | 54 | 75 | 7 | 3 | - | 1010.4 | -14 | WSW | 3 | bc | 55 | 82 | 6 | 6 | 2 | - | 10 | 1500 | 1 | 66 | 53 | 47 | 0.6 | 6 | * | | | | | | | | |
| | Mildenhall ... 19 | 1011.8 | -2 | SW | 3 | bc | 54 | 85 | 8 | 5 | 1 | 1009.4 | -18 | SW | 4 | bc | 54 | 87 | 6 | 5 | 2 | - | 10 | 800 | 1 | 66 | 53 | 48 | Tr | 6 | 8.1 | | | | | | | | |
| | Cranwell ... 240 | 1011.5 | 0 | WSW | 4 | bc | 54 | 85 | 6 | 5 | 2 | 1007.8 | -20 | SW | 4 | bc | 53 | 87 | 6 | 6 | 2 | - | 10 | 800 | 1 | 65 | 53 | 51 | 0.3 | 6 | 8.0 | | | | | | | | |
| 3 | Birmingham ... 535 | * | * | * | * | * | * | * | * | * | * | 1008.0 | -22 | SW | 3 | bc | 53 | 82 | 6 | 6 | 2 | - | 10 | 800 | 1 | 63 | 51 | 50 | - | 8 | 8.5 | | | | | | | | |
| | Upper Heyford ... 408 | 1013.1 | -2 | WS | 2 | bc | 54 | 82 | 7 | 5 | 1 | 1010.2 | -22 | WSW | 4 | bc | 54 | 87 | 6 | 6 | 2 | - | 10 | 600 | 1 | 67 | 52 | 51 | - | 4 | * | | | | | | | | |
| | Ross-on-Wye ... 223 | * | * | * | * | * | * | * | * | * | * | 1009.4 | -20 | WSW | 4 | bc | 56 | 85 | 7 | 6 | 2 | - | 10 | 500 | 1 | 64 | 54 | 52 | Tr | 1 | 8.0 | | | | | | | | |
| 5 | Hartland Point ... 299 | 1015.1 | -10 | W | 3 | bc | 57 | 82 | 8 | 5 | 2 | 1012.1 | -8 | W | 6 | bc | 56 | 87 | 6 | 6 | 2 | - | 10 | 600 | 1 | 62 | 55 | 54 | - | 1 | 6.9 | | | | | | | | |
| | Bristol ... 209 | 1014.8 | -4 | W | 3 | bc | 55 | 85 | 7 | 5 | - | 1011.6 | -18 | W | 3 | bc | 56 | 82 | 7 | 6 | 2 | - | 10 | 600 | 1 | 65 | 55 | 53 | Tr | 7 | 9.4 | | | | | | | | |
| | Portland Bill ... 32 | 1006.2 | +6 | W | 5 | bc | 55 | 82 | 7 | 5 | - | 1013.6 | -6 | W | 5 | bc | 58 | 82 | 7 | 5 | - | - | 10 | 2500 | 1 | 63 | 56 | * | - | - | - | | | | | | | | |
| | Plymouth ... 82 | 1018.1 | -2 | W | 4 | bc | 57 | 85 | 7 | - | 2 | 1015.4 | -14 | W | 5 | bc | 58 | 82 | 6 | 6 | 2 | - | 10 | 700 | 1 | 65 | 55 | 54 | - | 0.2 | 8.2 | | | | | | | | |
| | The Lizard ... 240 | 1018.3 | -4 | W | 5 | bc | 56 | 82 | 8 | 2 | - | 1016.0 | -12 | W | 6 | bc | 57 | 85 | 8 | 6 | - | - | 10 | 1300 | 0 | 63 | 54 | - | - | - | 11.4 | | | | | | | | |
| | Scilly (St. Mary's) ... 163 | 1018.8 | -8 | WNW | 5 | bc | 57 | 85 | 8 | 5 | 7 | 1015.9 | -14 | WNW | 5 | bc | 58 | 85 | 8 | 5 | 7 | - | 10 | 1500 | 1 | 65 | 56 | * | - | - | 9.4 | | | | | | | | |
| | Guernsey ... 175 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | | |
| 6 | Pembroke ... 142 | 1014.0 | -8 | WS | 6 | bc | 56 | 82 | 7 | 8 | 2 | 1008.5 | -20 | WS | 8 | bc | 57 | 82 | 7 | 6 | 2 | - | 10 | 2000 | 1 | 60 | 55 | * | - | 3 | 5.7 | | | | | | | | |
| 7 | Holyhead (Valley) ... 26 | 1010.3 | -4 | W | 5 | bc | 55 | 87 | 6 | 5 | 2 | 1003.3 | -36 | SW | 6 | bc | 56 | 87 | 7 | 5 | 2 | - | 10 | 1000 | 1 | 63 | 54 | 53 | - | 8 | * | | | | | | | | |
| | Chester (Sealand) ... 16 | 1010.9 | -8 | W | 0 | bc | 54 | 82 | 6 | - | 2 | 1010.4 | -36 | S | 2 | bc | 55 | 82 | 6 | 5 | 2 | - | 10 | 2500 | 1 | 63 | 53 | 52 | 0.3 | 4 | 6.1 | | | | | | | | |
| 8 | Manchester ... 70 | 1010.6 | -6 | WSW | 4 | bc | 54 | 87 | 6 | 5 | 2 | 1006.3 | -18 | WSW | 4 | bc | 53 | 87 | 5 | 5 | 2 | - | 10 | 400 | 2 | 62 | 53 | 52 | 1 | 12 | 5.6 | | | | | | | | |
| 10 | Spurn Head ... 29 | 1009.5 | 0 | WSW | 4 | bc | 56 | 85 | 6 | 5 | 1 | 1006.7 | -20 | WSW | 4 | bc | 55 | 82 | 6 | - | 2 | - | 10 | 2500 | 1 | 64 | 53 | * | Tr | 2 | 9.0 | | | | | | | | |
| | Catterick ... 175 | 1008.3 | -10 | WS | 1 | bc | 55 | 85 | 6 | 6 | 2 | 1003.5 | -26 | SW | 1 | bc | 52 | 82 | 7 | 6 | 2 | - | 10 | 5000 | 1 | 66 | 52 | 47 | Tr | 1 | 9.3 | | | | | | | | |
| | Tynemouth ... 108 | 1007.5 | -4 | W | 4 | bc | 55 | 75 | 6 | 8 | - | 1003.1 | -28 | SW | 3 | bc | 53 | 82 | 6 | - | 2 | - | 10 | 2200 | 1 | 64 | 53 | 50 | 0.1 | 2 | * | | | | | | | | |
| 11 | St. Abbs Head ... 280 | 1005.4 | -6 | W | 3 | bc | 50 | 85 | 8 | 5 | 4 | 1009.4 | -34 | SW | 4 | bc | 50 | 87 | 8 | 5 | 2 | - | 10 | 2000 | 1 | 60 | 49 | * | - | 3 | 7.6 | | | | | | | | |
| | Leuchars ... 36 | 1004.2 | -10 | WSW | 1 | bc | 51 | 82 | 7 | 5 | 2 | 1007.4 | -30 | SW | 2 | bc | 51 | 87 | 6 | 6 | 2 | - | 10 | 1500 | 1 | 66 | 51 | 43 | - | 2 | 7.6 | | | | | | | | |
| 12 | Reufrew (Abbots I.) ... 19 | 1004.7 | -24 | SW | 2 | bc | 54 | 87 | 5 | 5 | - | 1000.7 | -52 | SE | 1 | bc | 51 | 87 | 5 | 6 | 2 | - | 10 | 800 | 1 | 62 | 50 | 50 | Tr | 5 | 8.8 | | | | | | | | |
| | Eskdalemuir ... 794 | * | * | * | * | * | * | * | * | * | * | 1008.9 | -34 | SW | 4 | bc | 49 | 87 | 5 | - | 2 | - | 10 | 220 | 1 | 59 | 47 | 45 | 0.3 | 9 | 7.7 | | | | | | | | |
| | Point of Ayre ... 30 | 1008.0 | -16 | W | 5 | bc | 54 | 87 | 7 | - | 2 | 1000.0 | -62 | WSW | 6 | bc | 55 | 87 | 7 | 6 | 2 | - | 10 | 800 | 1 | 64 | 50 | * | Tr | 14 | 4.9 | | | | | | | | |
| 13A | Tiree ... 22 | 1002.8 | -16 | WSW | 2 | bc | 55 | 87 | 6 | 2 | - | 1010.0 | -60 | WSW | 4 | bc | 56 | 87 | 6 | - | 2 | - | 10 | 500 | 1 | 56 | 51 | * | 0.2 | 8 | 5.4 | | | | | | | | |
| 13B | Stornoway ... 80 | 1009.5 | -38 | S | 5 | bc | 52 | 82 | 6 | 5 | 2 | 1004.0 | -32 | S | 4 | bc | 51 | 87 | 7 | 8 | 7 | - | 10 | 1800 | 1 | 57 | 51 | * | 0.4 | 5 | 4.0 | | | | | | | | |
| 15 | Dalwhinnie ... 1176 | * | * | * | * | * | * | * | * | * | * | 1005.8 | -34 | S | 2 | bc | 48 | 82 | 6 | 5 | - | - | 10 | 1500 | 1 | 57 | 48 | 44 | 1 | 3 | 3.1 | | | | | | | | |
| | Aburdeen ... 79 | * | * | * | * | * | * | * | * | * | * | 1007.4 | -36 | SE | 2 | bc | 52 | 87 | 6 | 6 | 2 | - | 10 | 400 | 1 | 65 | 47 | 38 | 2 | 2 | 8.0 | | | | | | | | |
| | Wick ... 119 | 1002.4 | -10 | SW | 2 | bc | 46 | 82 | 8 | - | 6 | 1006.8 | -30 | SE | 3 | bc | 51 | 82 | 7 | 5 | 2 | - | 10 | 1800 | 1 | 59 | 44 | 38 | * | * | * | | | | | | | | |
| 16 | Sumburgh ... 30 | 1000.4 | +2 | W | 3 | bc | 52 | 82 | 8 | 5 | - | 1004.6 | -10 | SW | 2 | bc | 53 | 85 | 8 | 3 | - | - | 10 | 2000 | * | 60 | 50 | 46 | * | * | * | | | | | | | | |
| 17 | Blackod Point ... 18 | 1005.2 | -44 | WSW | 6 | bc | 56 | 87 | 7 | 6 | - | 1001.3 | -14 | W | 6 | bc | 58 | 87 | 6 | 6 | - | - | 10 | 800 | 1 | 60 | 52 | * | 4 | * | | | | | | | | | |
| 18 | Malin Head ... 84 | 1003.9 | -28 | S | 3 | bc | 51 | 87 | 6 | 6 | - | 1004.6 | -30 | W | 5 | bc | 57 | 87 | 6 | 6 | - | - | 10 | 450 | 1 | 60 | 50 | * | 1 | 8 | 2.2 | | | | | | | | |
| | Aldergrove ... 268 | 1007.2 | -18 | WSW | 3 | bc | 51 | 87 | 6 | 5 | 2 | 1004.4 | -38 | SW | 4 | bc | 57 | 87 | 7 | 4 | - | - | 10 | 300 | 1 | 60 | 49 | 49 | 0.2 | 15 | 3.4 | | | | | | | | |
| 19 | Birr Castle ... 173 | 1009.7 | -30 | WSW | 4 | bc | 55 | 82 | 8 | 6 | 1 | 1004.4 | -26 | WSW | 4 | bc | 50 | 87 | 7 | 5 | - | - | 10 | 2500 | 1 | 63 | 54 | 51 | 0.3 | 5 | 3.4 | | | | | | | | |
| 20 | Valentia Obay. ... 30 | 1014.9 | -20 | WSW | 3 | bc | 56 | 87 | 5 | 5 | 2 | 1010.8 | -14 | WS | 6 | bc | 59 | 87 | 5 | 5 | - | - | 10 | 1150 | 1 | 59 | 55 | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Thursday 14th August 1941.
No. 29120

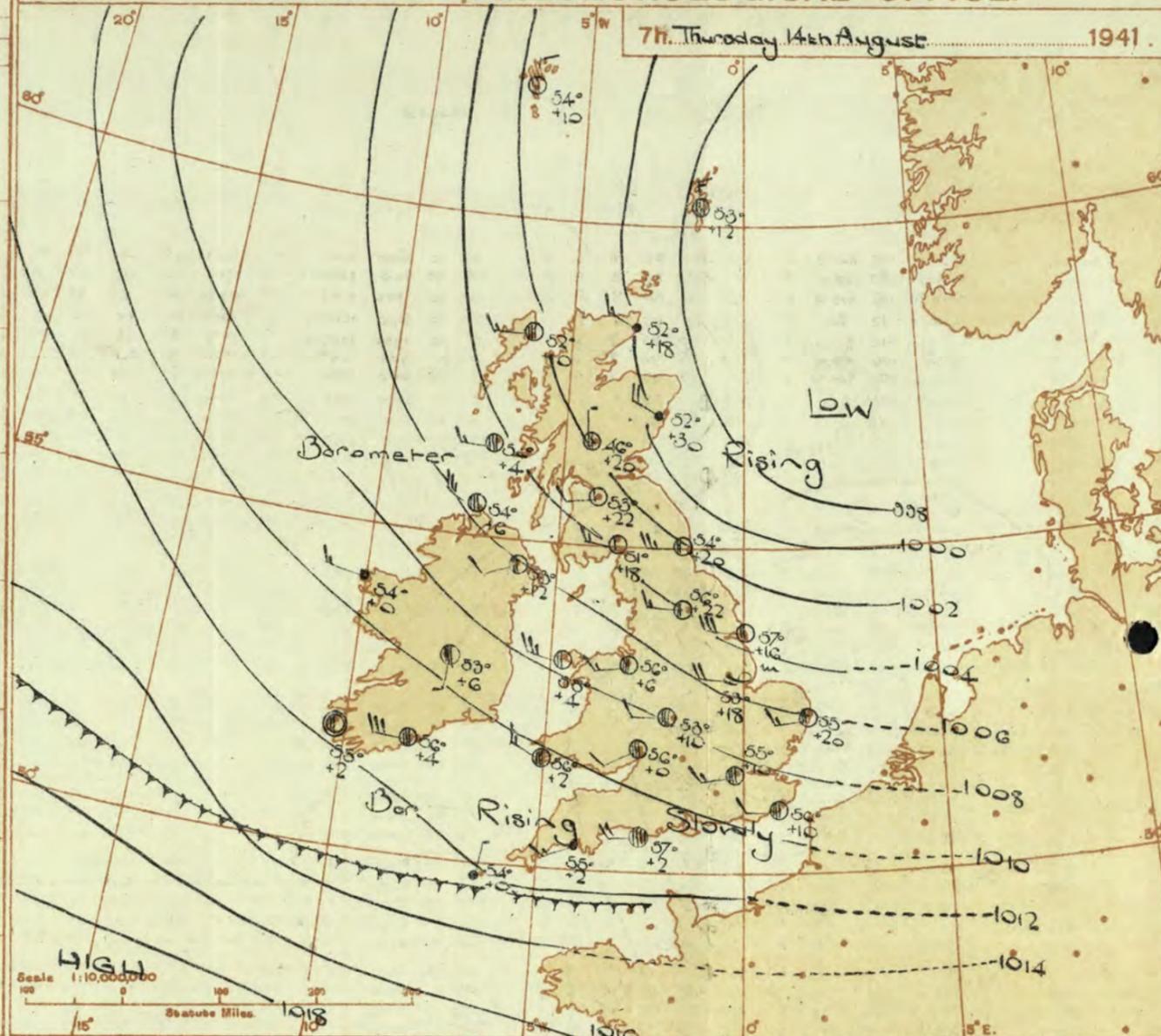
| OBSERVATIONS at 13h. G.M.T. 13th August | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 13th August | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | |
|---|--------------------------------------|--------------------------------------|------------------------------|-------|-----------------------|-----------------|---------------------|--------------------|--------------------|--------|--|---|-------|---|-------------------------------|--|---|------------------|----------------------|---------------------|---------------------|--------------------------|---------------------------|---------------------------|-------------------------|---------------------|----------|----------------|------|------------|----------------|----------------|---------------|--------------|----|
| 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.
(8) | Cloud. | | | | Barom.
at
M.S.L.
mb.
(15) | Change in
8 hours.
(16) | Wind. | | Weather.
(19) | Temp.
°F.
(20) | Humid.
%
(21) | Visibility.
(22) | Cloud. | | | | Sea.
0-9
(29) | WEATHER. | | | | | | | | |
| | | | | Dir. | Force.
0-12
(4) | | | | | Form. | Amount.
Low 0-10
Total 0-10
(12) (13) | Height
of
Base.
(feet)
(14) | Form. | | | Amount.
Low 0-10
Total 0-10
(23) (24) | Height
of
Base.
(feet)
(25) | | | | | 7h.—13h.
13th
(37) | 13h.—18h.
13th
(38) | 18h.—13h.
14th
(39) | 1h.—7h.
14th
(40) | | | | | | | | | | |
| 1 | London (Kew)... | 1007.8 | -18 | SW'S | 5 | c | 61 | 85 | 8 | 5 | 2 | 9 | 10 | 1500 | 1005.1 | -16 | SW'W | 5 | z | 62 | 85 | 6 | 5 | - | - | 10 | 10 | 1500 | 1 | * | gdd, cid, c | cid, cm | cir, cbc | c | |
| | Croydon ... | 1008.7 | -22 | SSW | 4 | c | 61 | 85 | 8 | 6 | 4 | 7 | 8 | 900 | 1006.0 | -14 | SW | 5 | ir | 62 | 92 | 7 | 6 | - | - | 10 | 10 | 800 | 1 | * | cr, c | cir | cr, cbc | bc | |
| | S. Farnborough | 1008.9 | -18 | WSW | 6 | c | 60 | 85 | 8 | 5 | 2 | 10 | 10 | 1100 | 1006.6 | -8 | WSW | 4 | z | 61 | 92 | 6 | 5 | 2 | - | 9 | 10 | 800 | 1 | * | pr, d, c | cm | dm, cbc | | |
| | Boscombe Down | 1010.2 | -12 | SW | 5 | d, d | 59 | 97 | 7 | 5 | - | 10 | 10 | 800 | 1008.1 | -12 | SW | 6 | rr | 60 | 97 | 4 | 6 | - | - | 10 | 10 | 600 | 1 | * | cid, d, d | cr, c | cr, bc | c | |
| | Thorney Island | 1011.1 | -10 | SW'W | 5 | yd | 60 | 85 | 7 | 5 | - | 10 | 10 | 1300 | 1009.2 | -8 | W'S | 5 | id | 61 | 92 | 6 | 5 | - | - | 10 | 10 | 1500 | 1 | * | rm, d, c | cm, id | id, cr | cid, ir | |
| | Lymington | 1011.1 | -16 | WSW | 5 | ir | 58 | 92 | 7 | 6 | - | 10 | 10 | 300 | 1009.0 | -10 | WSW | 6 | d, d | 59 | 92 | 6 | 5 | - | - | 10 | 10 | 100 | 1 | * | m, r, c | r | cm, d, d | c | |
| Manston | 1008.8 | -20 | SW'W | 6 | cr | 59 | 85 | 7 | 5 | - | 10 | 10 | 600 | 1006.1 | -6 | WSW | 5 | z | 61 | 92 | 6 | 5 | - | - | 10 | 10 | 1000 | 1 | * | r, g, m, c | cm | cm, d, d | c | | |
| 2 | Shoeburyness ... | 1008.9 | -20 | SW | 5 | e | 61 | 85 | 7 | 5 | 1 | 9 | 10 | 1500 | 1006.3 | -8 | SW | 5 | c | 63 | 85 | 8 | 5 | - | - | 10 | 10 | 800 | 1 | * | rr, d, d, c | c | cid, c, bc | bc | |
| | Felixstowe ... | 1006.6 | -22 | WSW | 4 | ir | 59 | 85 | 7 | 6 | - | 10 | 10 | 1000 | 1003.8 | -14 | WSW | 6 | ir | 64 | 85 | 6 | 5 | 2 | - | 9 | 10 | 1200 | 1 | 4 | r, d, d | cr, c, r, m | ir, d, pr, bc | bc, v | |
| | Gorleston ... | 1005.6 | -28 | SSW | 4 | ir | 57 | 92 | 6 | 6 | - | 10 | 10 | 1200 | 1001.8 | -10 | WSW | 6 | c/pr | 64 | 85 | 6 | 6 | - | - | 10 | 10 | 1500 | 1 | 4 | ir, g | cr, pr | bc, g | bc, bc | |
| | Mildenhall ... | 1004.5 | -30 | SW | 5 | o | 60 | 85 | 6 | 6 | 2 | 7 | 8 | 800 | 1001.3 | -10 | WSW | 6 | yd | 64 | 85 | 8 | 8 | - | - | 9 | 9 | 800 | 1 | * | or, r, d, m | oid, c | cid, cbc | bc | |
| | Cranwell ... | 1001.5 | -20 | SW | 5 | c | 60 | 85 | 7 | 5 | 3 | 9 | 10 | 900 | 998.8 | -12 | NW'W | 6 | pr | 62 | 85 | 7 | 5 | - | - | 9 | 9 | 900 | 1 | * | cr, c | col, g | bc | cm | |
| 3 | Birmingham | 1003.6 | - | WSW | 4 | id | 60 | 92 | 8 | 6 | - | 10 | 10 | 800 | 1002.8 | -2 | W | 5 | ir | 62 | 85 | 8 | 6 | - | - | 9 | 9 | 800 | 1 | * | col, d | oid, c | cr, bc | bc | |
| | Upper Heyford | 1005.9 | -24 | SW | 5 | yd | 60 | 92 | 7 | 6 | 7 | 9 | 10 | 400 | 1003.8 | -4 | SW | 6 | yd | 61 | 92 | 8 | 6 | 7 | - | 9 | 10 | 700 | 1 | * | cr, m, id, c | d | cid, m, bc | bc | |
| 4 | Ross-on-Wye ... | 1006.0 | -16 | WSW | 5 | id | 63 | 85 | 6 | 5 | - | 9 | 10 | 1500 | | | | | | | | | | | | | | | | | | | | | |
| 5 | Hartland Point | 1008.8 | -14 | W | 7 | id | 59 | 97 | 5 | 5 | - | 10 | 10 | 800 | 1007.7 | 0 | WSW | 7 | dd | 60 | 97 | 5 | 5 | - | - | 10 | 10 | 200 | 1 | 5 | ir, id | oid, d | rr, d, c | cpr, ir | |
| | Bristol ... | 1009.1 | -14 | WSW | 4 | yd | 62 | 92 | 7 | 6 | 2 | 9 | 10 | 900 | 1007.1 | -10 | W | 6 | ir | 61 | 92 | 6 | 5 | - | - | 10 | 10 | 600 | 1 | 5 | cd, d, d, g | cm, d, r, g | cr, pr, g, bc | c | |
| | Portland Bill | 1012.3 | -6 | SW | 5 | o | 60 | 85 | 7 | 5 | - | 10 | 10 | 25 | 1009.0 | -12 | SW | 6 | o | 60 | 85 | 7 | 5 | - | - | 10 | 10 | 1500 | 1 | 5 | o | o | dm, d, m, c | cpr, m, r, m | |
| | Plymouth ... | 1013.5 | -14 | W | 5 | ir | 58 | 97 | 5 | 6 | 2 | 9 | 10 | 200 | 1011.9 | -10 | W | 6 | cr, m | 58 | 97 | 5 | 5 | 2 | - | 10 | 10 | 100 | 1 | 4 | rr, d, c | cir, r, r | dm, d, m, c | cpr, m, r, m | |
| | The Lizard | 1016.4 | -6 | W | 6 | o | 58 | 85 | 7 | 5 | - | 10 | 10 | 1000 | 1013.8 | -4 | W'S | 6 | m | 58 | 97 | 4 | 5 | - | - | 10 | 10 | 800 | 0 | 5 | o | om | df | df | |
| | Scilly (St. Mary's) | 1014.2 | -10 | W | 5 | c | 60 | 85 | 7 | 5 | - | 10 | 10 | 1100 | 1012.6 | -6 | W | 6 | c | 59 | 97 | 6 | 5 | - | - | 10 | 10 | 800 | 0 | 4 | c | c | od, df | of, r, r | |
| 6 | Pembroke ... | 1009.2 | -8 | W'S | 9 | cg | 59 | 97 | 6 | 6 | 2 | 7 | 8 | 1500 | 1006.5 | +4 | W'S | 7 | cg | 59 | 97 | 6 | 8 | 2 | - | 7 | 8 | 1500 | 1 | 5 | pr | pr | cid, g | g | |
| | Holyhead (Valley) | 1000.0 | -18 | SW'W | 6 | yd | 61 | 97 | 5 | 5 | - | 9 | 9 | 300 | 1002.3 | +14 | W'N | 5 | bc | 62 | 75 | 9 | 8 | 6 | 1 | 4 | 4 | 3000 | 1 | 3 | cid, m, m | cm, d, d, g, c | bc, pr, bc | bc | |
| 7 | Chester (Sealand) | 999.9 | -22 | WSW | 6 | c | 67 | 75 | 7 | 5 | 7 | 7 | 1800 | 1000.2 | +2 | W'S | 6 | bc | 65 | 55 | 9 | 2 | 6 | - | - | 2 | 3 | 2500 | 1 | * | cm, d, d, g, c | bc, pr, bc | bc, bc | bc | |
| | Manchester ... | 999.9 | -18 | SW'S | 5 | ir | 62 | 85 | 6 | 5 | - | 9 | 10 | 1400 | 999.0 | +2 | W | 6 | pr | 62 | 75 | 8 | 9 | 3 | - | 7 | 8 | 1500 | 1 | * | rr, r, r | ra, pr, pr | cr, pr, pr | c | |
| 10 | Spurn Head ... | 998.1 | -30 | SSW | 6 | d, d | 59 | 85 | 6 | 8 | - | 10 | 10 | 1500 | 996.2 | -6 | W'S | 7 | ir | 62 | 75 | 7 | 8 | 4 | - | 4 | 4 | 4000 | 1 | 4 | or, d | oid, c | cg | bc, g | |
| | Catterick ... | 994.4 | -44 | WSW | 5 | pr | 67 | 75 | 8 | 5 | 4 | 2 | 3 | 900 | 994.8 | +4 | W | 5 | bc/pr | 59 | 75 | 8 | 8 | - | - | 4 | 4 | 1200 | 0 | * | cr, c, pr | pr | cg, pr | bc, v | |
| | Tynemouth ... | 994.3 | -32 | S | 4 | cr | 63 | 85 | 6 | 8 | - | 9 | 9 | 2000 | 991.5 | -8 | W | 8 | bc/pr | 60 | 65 | 7 | 2 | - | - | 4 | 4 | 2400 | 1 | 3 | oid, c | pr | bc, pr | bc | |
| 11 | St. Abbs Head | 990.1 | -36 | W | 5 | cr | 61 | 85 | 8 | 8 | 7 | 7 | 1500 | 986.3 | -14 | W | 7 | cg | 56 | 75 | 9 | 5 | 4 | - | - | 7 | 8 | 2500 | 0 | 4 | err, c | bc | bc, g | bc, g | |
| | Leuchars ... | 988.0 | -42 | SW | 4 | c | 60 | 85 | 8 | 5 | 7 | 7 | 1500 | 984.3 | -10 | WSW | 7 | cg | 56 | 75 | 8 | 6 | 4 | - | - | 7 | 8 | 1200 | 1 | * | cr, r, R, c | bc, c, r, r | bc, bc | bc, bc | |
| | Roanhead (Abbots L.) | 990.2 | -22 | WSW | 6 | id | 58 | 85 | 6 | 6 | 2 | 7 | 8 | 700 | 991.4 | +10 | W | 5 | bc | 56 | 75 | 8 | 8 | 7 | - | 4 | 4 | 700 | 1 | * | cm, d, r, d | pr, pr, bc | bc, bc | bc, bc | |
| | Estdalemuir ... | 991.2 | -20 | W | 6 | bc/pr | 59 | 75 | 8 | 8 | 3 | 4 | 4 | 1500 | 991.5 | -6 | W | 7 | pr | 53 | 85 | 7 | 5 | - | - | 7 | 8 | 800 | 1 | * | or, r | bc, pr, pr | cr, bc | bc | |
| 12 | Point of Ayre ... | 995.7 | -10 | W'N | 6 | c | 61 | 85 | 8 | 8 | 7 | 7 | 2500 | 997.2 | +10 | WNW | 6 | cg | 59 | 75 | 8 | 6 | 9 | - | - | 7 | 8 | 3000 | 1 | 5 | cr, c | cr | bc | bc | |
| | Tiree ... | 989.7 | -4 | W'N | 6 | pr | 55 | 85 | 7 | 8 | - | 9 | 9 | 1200 | 996.5 | +28 | NW | 5 | bc | 55 | 85 | 8 | 8 | 6 | - | - | 2 | 3 | 2500 | 0 | 6 | cir, pr | cr, bc | bc | bc |
| 13 | Stornoway ... | 989.0 | -22 | NNE | 8 | pr | 53 | 92 | 7 | 8 | 7 | 7 | 1800 | 992.7 | +20 | N | 7 | bc | 53 | 92 | 7 | 8 | 7 | - | - | 7 | 8 | 1000 | 1 | 3 | cr, r, r | cr, r | bc | bc | |
| | Dalwhinnie ... | 987.5 | -30 | SSE | 2 | rr | 54 | 92 | 6 | 5 | - | 10 | 10 | 1500 | 988.3 | +36 | NW | 4 | ir | 50 | 85 | 7 | 5 | 7 | - | - | 7 | 8 | 1500 | 1 | * | or, r | or, r | bc | bc |
| 15 | Aberdeen ... | 988.6 | -52 | SE | 4 | rr | 51 | 97 | 6 | 6 | 2 | 9 | 10 | 500 | 982.8 | -22 | NE | 2 | rr | 54 | 97 | 5 | 6 | 2 | - | - | 9 | 10 | 2500 | 1 | 4 | err, c | cr, r | bc | bc |
| | Wick ... | 990.0 | -34 | SE'E | 3 | bc | 53 | 97 | 7 | 8 | 1 | 9 | 10 | 500 | 988.9 | +8 | NE'N | 2 | rr | 51 | 97 | 6 | 5 | 2 | - | - | 2 | 3 | 300 | 1 | * | rr, r, r | rr, r, r | r | r |
| 16 | Sumburgh ... | 995.5 | -18 | SE'E | 4 | c | 55 | 75 | 8 | 2 | 7 | 6 | 7 | 1600 | 993.3 | -10 | E'N | 5 | rr | 54 | 85 | 8 | 5 | 2 | - | - | 7 | 8 | 1200 | * | * | c | r | r | r |
| | Blacksod Point ... | 1003.2 | +16 | W | 6 | cr | 59 | 75 | 7 | 5 | - | 9 | 9 | 1500 | 1007.1 | +28 | W | 6 | cg | 57 | 85 | 7 | 8 | - | - | 7 | 8 | 1500 | 0 | 5 | ir, c | cg | c | c | |
| 17 | Malin Head ... | 993.8 | +8 | W | 8 | c | 58 | 85 | 7 | 9 | - | 2 | 4 | 800 | 999.2 | +36 | WNW | 6 | cr | 55 | 85 | 8 | 9 | - | - | 2 | 4 | 2500 | 0 | 5 | cr, c | cr, c | cr, c | cr, c | |
| | Aldergrove ... | 996.7 | +6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 13h. August | | | | 15h. G.M.T. | | | | 17h. G.M.T. 17h. August | | | | 19h. G.M.T. | | | |
|-------------------------|----------------|--------------------|-------|----------------|--------------------|-------|----------------|-------------------------|-------|----------------|--------------------|-------------|----------------|--------------------|-------|
| III | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN |
| 109 | 6 | 61638 | 10568 | 62 | 62635 | 04568 | 52 | 61645 | 01368 | 52 | 22734 | 30368 | | | |
| 115 | 52 | 62738 | 08468 | 52 | 62735 | 02468 | 87 | 81844 | 32487 | 84 | 02844 | 28385 | | | |
| 203 | 6 | 02728 | 04528 | 8- | 02838 | 28568 | 8- | 0945 | 32485 | | | | | | |
| 206 | 62 | 62745 | 09468 | 52 | 61635 | 02368 | 52 | 61745 | 30468 | 80 | 01964 | 28364 | | | |
| 210 | 52 | 62844 | 10368 | 62 | 62627 | 32568 | 62 | 62745 | 53568 | 57 | 02964 | 25466 | | | |
| 220 | 82 | 64636 | 28368 | 80 | 25845 | 29585 | | | | 83 | 01944 | 29115 | | | |
| 230 | 54 | 21846 | 59766 | 85 | 25843 | 27784 | 53 | 02844 | 26784 | 74 | 01854 | 25324 | | | |
| 245 | 62 | 05637 | 23367 | 9- | 63947 | 56687 | 57 | 51756 | 61457 | 54 | 01963 | 61564 | | | |
| 260 | 6- | 51735 | 23467 | 89 | 02854 | 55615 | 5- | 01865 | 22415 | 50 | 00871 | 24311 | | | |
| 275 | - | 02855 | 56465 | 8- | 10846 | 58686 | 50 | 00871 | 59621 | 8- | 02847 | 24317 | | | |
| 279 | 62 | 02746 | 21667 | 8- | 25756 | 55686 | | | | 24 | 00082 | 23203 | | | |
| 285 | | | | 3- | 82746 | 24784 | | | | 23 | 01744 | 26665 | | | |
| 288 | 5- | 02837 | 21667 | 80 | 00862 | 24522 | 84 | 01853 | 55613 | 84 | 00862 | 24403 | | | |
| 576 | | | | | | | | | | 83 | 25855 | 26487 | | | |
| 801 | 62 | 22726 | 55868 | 20 | 01853 | 58863 | 53 | 02754 | 58728 | 53 | 02854 | 59626 | | | |
| 321 | 57 | 21637 | 54567 | 10 | 00752 | 24512 | 50 | 01754 | 59414 | 50 | 01853 | 57414 | | | |
| 289 | | | | 87 | 01753 | 24514 | 50 | 00752 | 24602 | | | | | | |
| 292 | 62 | 62636 | 20368 | 80 | 01864 | 58584 | 50 | 01853 | 58513 | 84 | 00952 | 25312 | | | |
| 310 | - | 57209 | 24549 | -- | 01665 | 24565 | | | | | | | | | |
| 614 | 62 | 02535 | 51458 | | | | 8- | 02757 | 59417 | 53 | 05668 | 24317 | | | |
| 333 | 57 | 02745 | 19628 | 24 | 01853 | 22624 | 03 | 01890 | 59614 | 83 | 02853 | 26415 | | | |
| 334 | - | 54437 | 28458 | | | | | | | -- | 03646 | 20428 | | | |
| 340 | 52 | 21847 | 55668 | 20 | 01944 | 56554 | 53 | 02854 | 28425 | 23 | 01852 | 24214 | | | |
| 1365 | - | 22938 | 20568 | | | | 5- | 02866 | 22766 | 59 | 22516 | 05152 | | | |
| 336 | 62 | 61653 | 24568 | | | | | | | 52 | 02763 | 24428 | | | |
| 360 | 52 | 02836 | 51658 | 52 | 02727 | 53668 | 54 | 01754 | 20405 | 57 | 02761 | 20326 | | | |
| 368 | 02 | 52628 | 22758 | 02 | 66418 | 21768 | | | | | | | | | |
| 879 | 62 | 61747 | 20568 | 53 | 21736 | 20657 | 03 | 01890 | 20413 | | | | | | |
| 390 | F7 | 02745 | 54567 | 62 | 51737 | 55358 | | | | 07 | 02790 | 24317 | | | |
| 382 | 52 | 02846 | 55628 | 6- | 62638 | 55568 | 03 | 01850 | 22314 | | | | | | |
| 428 | 5- | 02638 | 24728 | 6- | 05628 | 20628 | 83 | 02754 | 24487 | 02 | 61890 | 22268 | | | |
| 430 | - | 21638 | 58558 | 6- | 05628 | 20628 | 83 | 02754 | 24487 | 02 | 61890 | 22268 | | | |
| 409 | 02 | 51508 | 55658 | 02 | 57108 | 55658 | 52 | 62537 | 25468 | 67 | 22725 | 22267 | | | |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C, C_m - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 14th August

| | |
|---------------------------------|--|
| 1 S.E. England | Light or moderate west wind; mainly fair; cool. |
| 2 E. England ... | Light or moderate west wind; bright intervals, local showers; cool. |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Light or moderate west wind backing south later; mainly fair at first, rain later; cool. |
| 6 South Wales ... | |
| 7 North Wales ... | Moderate northwest winds, fresh locally; bright intervals, showers; perhaps local thunderstorms; cool. |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13A. W. Scotland | |
| 13B. 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 | As 5-6 |

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.

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

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

GENERAL INFERENCE.

A deep depression estimated over Southern Scandinavia is probably moving northeast. A small depression estimated in mid-Atlantic will probably move east-southeast and then east. In the North there will be bright intervals and showers. Weather will be temporarily fair in the South but rain may occur in the Southwest tomorrow morning.

FURTHER OUTLOOK.

Bright intervals and showers in the North. Rain in the Southwest and perhaps in the Southeast.

Forecasts issued at 10.30 a.m.T.

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

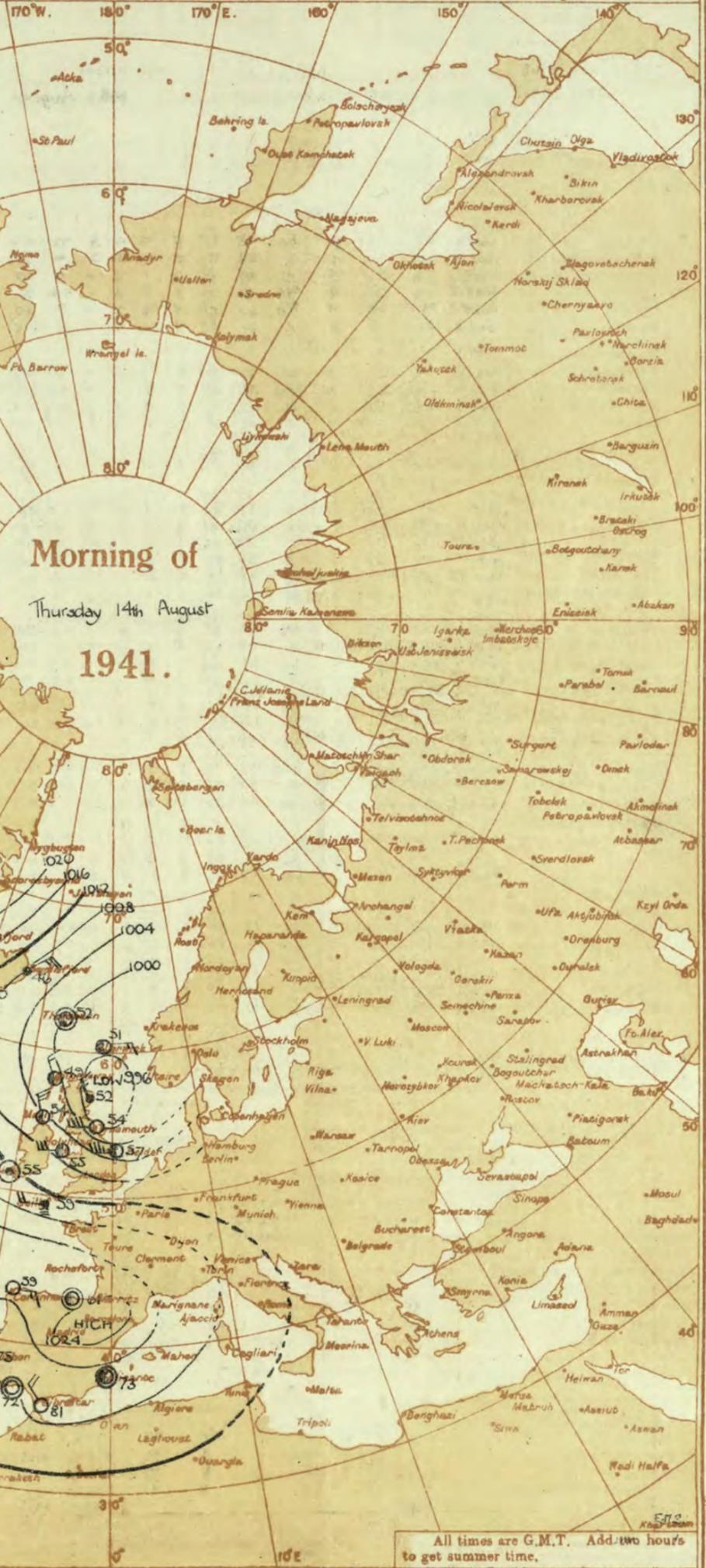
H.M.S.O. Press, Meteorological Office, Dunstable.

6.282/4120. Pp. 8/76. D. 6034. Sp. 246 3500. 5/41.

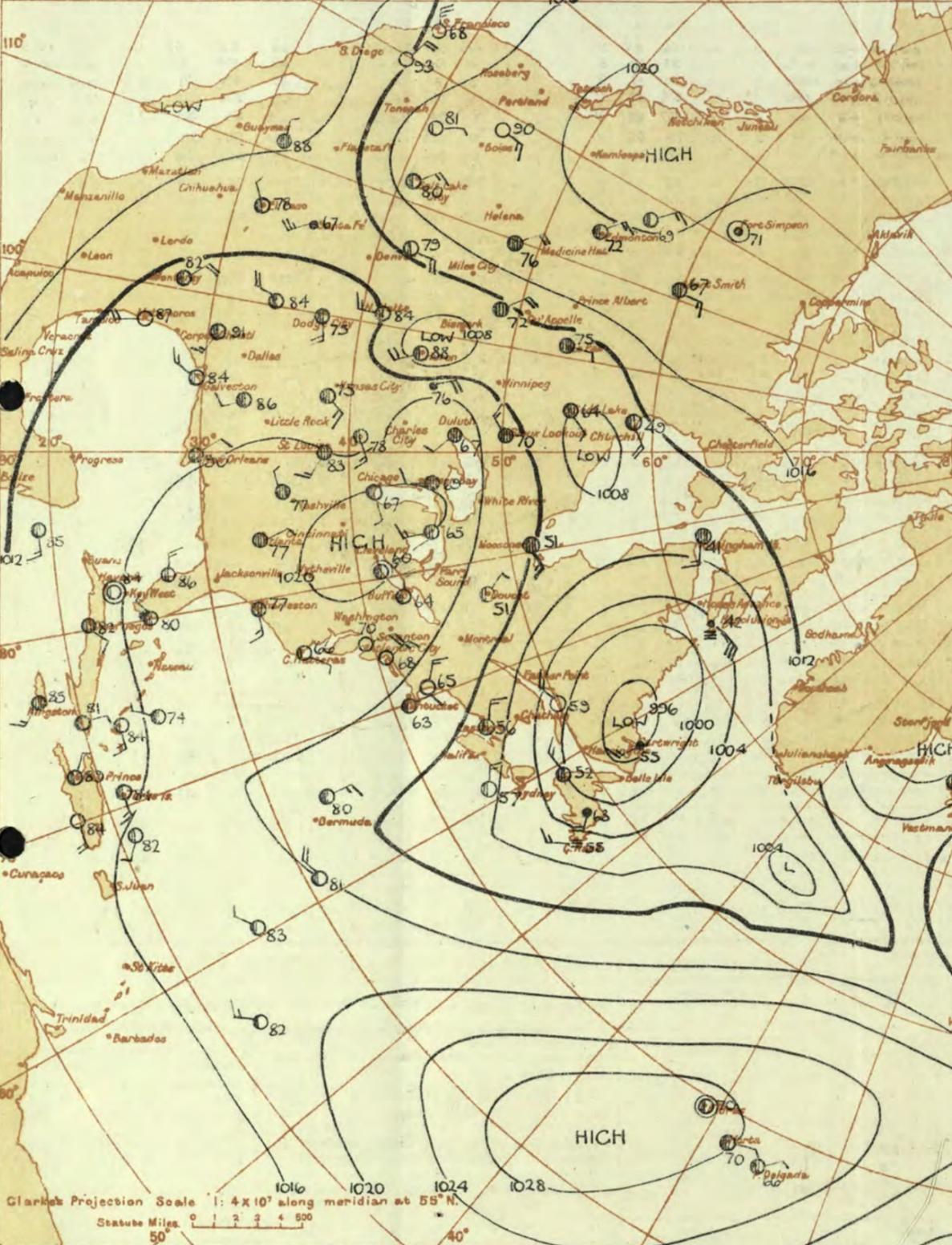
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin.
 In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
Thursday 14th August
1941.



Clark's Projection Scale 1: 4 x 10⁷ 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 by 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. Δ Hail.
 Fog. ≡ Mist. ≡ Thunder. (⚡) Thunderstorm. ≡ Slight haze. ≡
 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.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

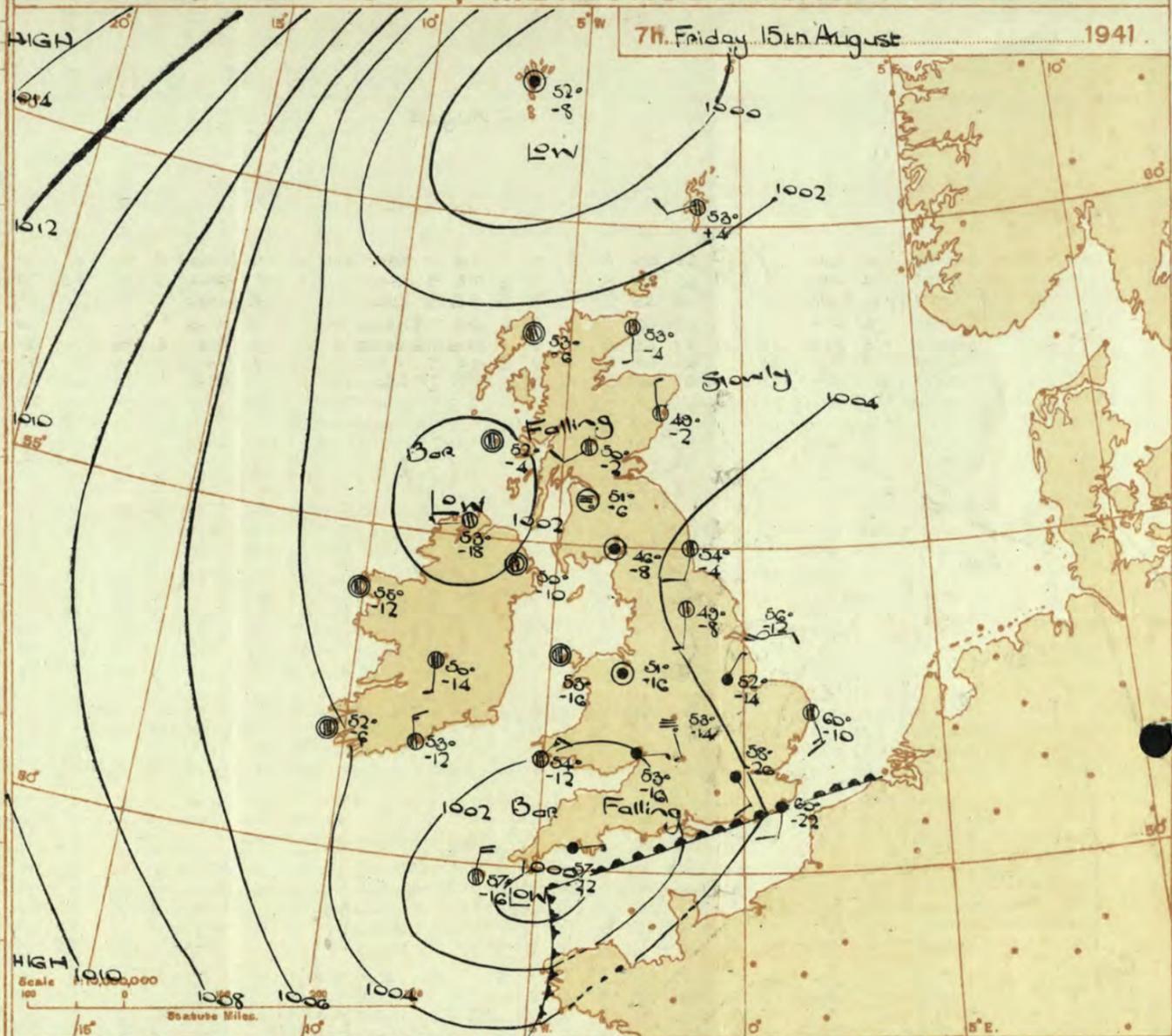
| OBSERVATIONS at 1 hr. G.M.T. 14th August | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 14th August | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | |
|--|-----------------------------|------------------------------|----------------------|-----------------------|-------|--------|----------|---------------|--------------|----------------|--------|---------|----------------------------|--|-----------------------|------------------------|--------|-------|----------|----------------|---------------|-----------------|---------|----------------------------|--------------------------|----------------------------|-----------------------|------------------------|------------------------|---------------------|-----------------------|-----------|------|---------------|-----|-----|-----|-----|
| 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 (8) | Cloud. | | | | Barom. at M.S.L. (15) | Change in 3 hours (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility (22) | Cloud. | | | | Barom. at M.S.L. (29) | Change in 3 hours (30) | TEMPERATURE. | | | RAINFALL. | | SUNSHINE (36) | | | | |
| | | | | | Dir. | Force. | | | | | Form. | Amount. | Height of Base (feet) (14) | Dir. | | | Force. | Form. | | | | | Amount. | 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 | 18 | 1007.1 | +8 | WN | 4 | bc | 58 | 85 | 8 | 4 | 3 | Tr | 4.6 | 1500 | 1009.2 | +10 | WSW | 3 | c | 55 | 85 | 8 | 7 | 5 | 1 | - | 4.6 | 9+ | 2500 | 1 | 62 | 55 | 49 | 0.6 | Tr | 0.0 | |
| | Croydon ... 217 | 217 | 1007.1 | +8 | WN | 4 | bc | 58 | 85 | 8 | 4 | 3 | Tr | 4.6 | 1500 | 1009.2 | +10 | WSW | 3 | c | 55 | 85 | 8 | 7 | 5 | 1 | - | 4.6 | 9+ | 2500 | 1 | 63 | 54 | 51 | 0.6 | 0.2 | 0.4 | |
| | S. Farnborough ... 226 | 226 | 1007.8 | +14 | W | 4 | c | 58 | 85 | 8 | 3 | 2 | 0 | 7.8 | - | 1009.6 | +10 | WSW | 3 | c | 55 | 92 | 8 | 7 | 5 | 0 | 9 | - | - | - | 1 | 63 | 53 | 51 | 0.3 | 0.4 | 0.0 | |
| | Boscombe Down ... 417 | 417 | 1009.0 | +6 | WN | 4 | c | 57 | 85 | 8 | 3 | 2 | 0 | 10 | - | 1010.5 | +14 | WS | 3 | e | 54 | 85 | 8 | 7 | 5 | 0 | 9 | - | - | - | 1 | 62 | 52 | 51 | 0.1 | 3 | 0.0 | |
| | Thorney Island ... 10 | 10 | 1008.5 | +2 | WN | 4 | c/r | 61 | 92 | 7 | 8 | 3 | - | 4.6 | 9+ | 1500 | 1010.1 | +8 | W | 3 | ir | 57 | 85 | 7 | 1 | 7 | - | Tr | 9+ | 1500 | 1 | 62 | 56 | 54 | 0.5 | 0.6 | 0.0 | |
| | Lymyne ... 346 | 346 | 1008.4 | +2 | WSW | 4 | c | 60 | 85 | 7 | 6 | 2 | - | 9 | 10 | 500 | 1010.0 | +10 | W | 2 | c | 56 | 85 | 8 | - | 2 | - | 0 | 10 | - | 1 | 60 | 55 | 53 | 1 | 1 | 0.0 | |
| | Manaton ... 154 | 154 | 1006.2 | +6 | W | 5 | c | 61 | 85 | 8 | 5 | 7 | - | 1 | 7.8 | 2000 | 1008.6 | +14 | W | 3 | c | 57 | 85 | 8 | 5 | 7 | - | 1 | 9+ | 1500 | 1 | 62 | 56 | 54 | 2 | Tr | 0.0 | |
| 2 | Shoeburyness ... 11 | 11 | 1004.2 | +6 | W | 5 | bc | 61 | 75 | 8 | - | 3 | - | 0 | 2.3 | - | 1007.1 | +16 | W | 4 | c | 56 | 75 | 8 | 5 | 9 | - | Tr | 9 | 2500 | 1 | 64 | 55 | 52 | 2 | 0.1 | 0.0 | |
| | Felixstowe ... 15 | 15 | 1004.2 | +6 | W | 5 | bc | 61 | 75 | 8 | - | 3 | - | 0 | 2.3 | - | 1007.1 | +16 | W | 4 | c | 56 | 75 | 8 | 5 | 9 | - | Tr | 9 | 2500 | 1 | 64 | 55 | 52 | 2 | 0.2 | 0.0 | |
| | Gorleston ... 5 | 5 | 1002.9 | +10 | SWW | 3 | bc | 59 | 85 | 7 | 5 | - | - | 4.6 | 4.6 | 2500 | 1006.2 | +20 | WS | 3 | bc | 55 | 75 | 7 | - | 7 | - | 0 | 4.6 | - | 1 | 64 | 54 | 48 | 1 | 0.3 | 0.0 | |
| | Mildenhall ... 19 | 19 | 1003.9 | +14 | WS | 5 | bc | 57 | 75 | 8 | 5 | 3 | - | 4.6 | 4.6 | 4000 | 1006.8 | +14 | WSW | 4 | c | 55 | 75 | 8 | 5 | 3 | 2 | 4.6 | 9 | 4500 | 1 | 65 | 53 | 48 | 4 | 0.2 | 0.0 | |
| | Cranwell ... 240 | 240 | 1002.5 | +16 | WNW | 4 | c | 56 | 75 | 7 | 5 | - | - | 9+ | 9+ | 3000 | 1005.6 | +16 | W | 4 | z | 54 | 85 | 6 | 5 | 3 | 3 | 4.6 | 7.8 | 3000 | 1 | 66 | 53 | 51 | 3 | 0.2 | 0.5 | |
| 3 | Birmingham ... 535 | 535 | 1006.2 | +10 | W | 4 | b | 54 | 85 | 7 | - | 4 | - | 0 | Tr | - | 1007.3 | +10 | W | 2 | c | 53 | 85 | 8 | - | 5 | 5 | 0 | 9 | - | 1 | 64 | 50 | 45 | 1 | 1 | 0.1 | |
| | Upper Heyford ... 408 | 408 | 1006.2 | +10 | W | 4 | b | 54 | 85 | 7 | - | 4 | - | 0 | Tr | - | 1007.3 | +10 | W | 2 | c | 53 | 85 | 8 | - | 5 | 5 | 0 | 9 | - | 1 | 64 | 50 | 45 | 1 | 1 | 0.1 | |
| | Ross-on-Wye ... 223 | 223 | 1006.2 | +10 | W | 4 | b | 54 | 85 | 7 | - | 4 | - | 0 | Tr | - | 1007.3 | +10 | W | 2 | c | 53 | 85 | 8 | - | 5 | 5 | 0 | 9 | - | 1 | 64 | 50 | 45 | 1 | 1 | 0.1 | |
| 5 | Hartland Point ... 299 | 299 | 1010.4 | +10 | NW | 4 | c | 57 | 85 | 7 | 5 | 4 | - | 7.8 | 9+ | 1500 | 1010.9 | +6 | NW | 3 | c | 56 | 85 | 8 | 8 | 4 | - | 4.6 | 9 | 2000 | 1 | 60 | 55 | 53 | 2 | - | 0.0 | |
| | Bristol ... 209 | 209 | 1009.3 | +10 | WN | 4 | c | 56 | 85 | 8 | - | 3 | 2 | 0 | 9 | - | 1010.1 | +2 | W | 2 | c | 55 | 85 | 7 | 5 | 5 | 9 | - | 2.3 | 9+ | 4000 | 1 | 63 | 53 | 49 | 7 | 0.4 | 0.0 |
| | Portland Bill ... 32 | 32 | 1009.9 | +4 | SW | 5 | c | 59 | 92 | 7 | 5 | - | - | 10 | 10 | 2500 | 1010.3 | +2 | W | 4 | o | 57 | 95 | 7 | 5 | - | - | 10 | 10 | 2500 | 1 | 61 | 54 | - | 1 | - | 0.0 | |
| | Plymouth ... 82 | 82 | 1011.4 | +2 | WN | 3 | c | 59 | 92 | 7 | 5 | - | - | 10 | 10 | 1500 | 1011.6 | +2 | WSW | 3 | ir | 55 | 97 | 6 | 1 | 2 | - | 2.3 | 10 | 900 | 1 | 59 | 55 | 55 | 2 | 3 | 0.0 | |
| | The Lizard ... 240 | 240 | 1012.3 | -6 | W | 5 | df | 57 | 97 | 2 | 5 | - | - | 10 | 10 | 600 | 1011.8 | 0 | W | 5 | ir | 53 | 97 | 7 | 5 | - | - | 10 | 10 | 900 | 1 | 59 | 52 | - | 7 | 0.0 | | |
| | Scilly (St. Mary's) ... 163 | 163 | 1012.5 | -2 | WNW | 4 | df | 58 | 97 | 2 | - | - | - | 10 | 10 | 450 | 1011.9 | 0 | NNE | 1 | ir | 54 | 97 | 6 | 5 | - | - | 10 | 10 | 1300 | 1 | 61 | 53 | - | 6 | 0.0 | | |
| | Guernsey ... 175 | 175 | 1012.5 | -2 | WNW | 4 | df | 58 | 97 | 2 | - | - | - | 10 | 10 | 450 | 1011.9 | 0 | NNE | 1 | ir | 54 | 97 | 6 | 5 | - | - | 10 | 10 | 1300 | 1 | 61 | 53 | - | 6 | 0.0 | | |
| 6 | Pembroke ... 142 | 142 | 1010.8 | 0 | WNW | 4 | cq | 57 | 85 | 6 | 7 | 2 | - | 4.6 | 7.8 | 2000 | 1010.0 | +2 | NW | 3 | c | 56 | 92 | 8 | 7 | 3 | - | 4.6 | 7.8 | 3000 | 1 | 64 | 53 | - | 0.1 | Tr | 5.0 | |
| | Holyhead (Valley) ... 26 | 26 | 1007.1 | +18 | WN | 6 | c | 55 | 85 | 8 | - | 3 | 2 | 0 | 7.8 | - | 1007.5 | +4 | WNW | 5 | bc | 55 | 85 | 8 | 8 | 3 | 4 | 2.3 | 2.3 | 1800 | 1 | 64 | 53 | 50 | 0.6 | - | 0.0 | |
| | Chester (Sealand) ... 16 | 16 | 1005.6 | +26 | WS | 4 | bc | 57 | 85 | 7 | 5 | 3 | - | 4.6 | 4.6 | 2500 | 1007.0 | +6 | WS | 3 | c | 56 | 75 | 8 | 8 | 5 | - | 7.8 | 7.8 | 2500 | 1 | 70 | 55 | 49 | 2 | - | 5.4 | |
| | Manchester ... 70 | 70 | 1003.8 | +18 | W | 5 | c | 56 | 75 | 7 | 8 | - | - | 7.8 | 8 | 2300 | 1006.0 | +10 | WS | 4 | c | 55 | 85 | 8 | 8 | 3 | - | 4.6 | 9 | 2100 | 0 | 64 | 53 | 49 | 6 | 0.2 | 2.4 | |
| 10 | Spurn Head ... 29 | 29 | 998.8 | +16 | W | 7 | cq | 57 | 75 | 6 | 8 | - | - | 7.8 | 7.8 | 4000 | 1002.3 | +16 | WN | 6 | bcq | 57 | 75 | 6 | 1 | 4 | 2 | 2.3 | 4.6 | 4000 | 0 | 65 | 56 | - | 3 | - | 1.3 | |
| | Catterick ... 175 | 175 | 999.3 | +34 | W | 4 | bc | 55 | 65 | 7 | 5 | - | - | 2.3 | 2.3 | 2800 | 1003.5 | +22 | WNW | 3 | bc | 56 | 65 | 9 | 5 | - | - | 2.3 | 2.3 | 2500 | 0 | 68 | 55 | 47 | 1 | Tr | 6.5 | |
| | Tynemouth ... 108 | 108 | 996.3 | +28 | W | 8 | bc | 54 | 75 | 7 | - | 4 | - | 0 | 1 | - | 1001.8 | +20 | W | 5 | bc | 54 | 75 | 8 | - | 4 | - | 0 | 2.3 | - | 1 | 65 | 53 | 50 | 3 | 0.1 | 0.0 | |
| 11 | St. Abbs Head ... 280 | 280 | 993.8 | +40 | WNW | 7 | bcq | 55 | 75 | 7 | 4 | 4 | - | 4.6 | 4.6 | 1500 | 999.7 | +26 | NW | 6 | bcq | 54 | 75 | 9 | 4 | 4 | - | 2.3 | 4.6 | 2500 | 0 | 63 | 52 | - | 6 | - | 0.0 | |
| | Leuchars ... 36 | 36 | 995.2 | +38 | NW | 7 | c | 55 | 75 | 9 | 5 | 7 | - | 2.3 | 9 | 3500 | 1000.8 | +26 | NW | 4 | b | 55 | 75 | 9 | 5 | - | - | Tr | Tr | 4000 | 0 | 64 | 53 | 46 | 8 | Tr | 1.3 | |
| | Renfrew (Abbots L.) ... 19 | 19 | 1000.1 | +30 | WNW | 4 | bc | 54 | 75 | 8 | - | - | - | 2.3 | 2.3 | 2500 | 1004.2 | +22 | W | 2 | b | 53 | 75 | 9 | 8 | - | - | 1 | 1 | 3000 | 1 | 61 | 49 | 45 | 4 | - | 3.4 | |
| | Eskdalemuir ... 794 | 794 | 1000.1 | +30 | WNW | 4 | bc | 54 | 75 | 8 | - | - | - | 2.3 | 2.3 | 2500 | 1004.2 | +22 | W | 2 | b | 53 | 75 | 9 | 8 | - | - | 1 | 1 | 3000 | 1 | 61 | 49 | 45 | 4 | - | 3.4 | |
| | Point of Ayre ... 30 | 30 | 1002.5 | +20 | NW | 7 | c | 55 | 85 | 8 | 9 | - | - | 7.8 | 7.8 | 2000 | 1005.5 | +14 | WNW | 5 | c | 55 | 92 | 8 | 8 | 7 | - | 2.3 | 9+ | 1000 | 1 | 64 | 53 | - | 1 | 0.3 | 4.0 | |
| 13A | Tiree ... 22 | 22 | 1003.3 | +20 | NW | 4 | bc | 53 | 85 | 8 | 8 | 2 | - | 2.3 | 2.3 | 2500 | 1003.7 | +4 | W | 3 | c | 54 | 92 | 8 | 7 | 3 | - | 2.3 | 7.8 | 2800 | 0 | 59 | 52 | - | 5 | - | 2.5 | |
| | Stornoway ... 80 | 80 | 1001.6 | +38 | NW | 3 | bc | 49 | 92 | 8 | 2 | 4 | 6 | 1 | 4.6 | 2500 | 1002.9 | +10 | W | 3 | c | 52 | 92 | 8 | 5 | 4 | 1 | 4.6 | 7.8 | 2500 | 1 | 54 | 48 | - | 5 | - | 0.0 | |
| 15 | Dalwhinnie ... 1176 | 1176 | 1001.6 | +38 | NW | 3 | bc | 49 | 92 | 8 | 2 | 4 | 6 | 1 | 4.6 | 2500 | 1002.9 | +10 | W | 3 | c | 52 | 92 | 8 | 5 | 4 | 1 | 4.6 | 7.8 | 2500 | 1 | 54 | 48 | - | 5 | - | 0.0 | |
| | Aberdeen ... 79 | 79 | 1001.6 | +38 | NW | 3 | bc | 49 | 92 | 8 | 2 | 4 | 6 | 1 | 4.6 | 2500 | 1002.9 | +10 | W | 3 | c | 52 | 92 | 8 | 5 | 4 | 1 | 4.6 | 7.8 | 2500 | 1 | 54 | 48</ | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 14th August | | | | 15h. G.M.T. | | | | 01h. G.M.T. 15th August | | | | 07h. G.M.T. | | | |
|-------------------------|----------------|-------|-------|----------------|-------|-------|----------------|-------------------------|-------|----------------|-------|-------------|----------------|-------|-------|
| III | C _m | wwVhN | DDFWN | C _m | wwVhN | DDFWN | C _m | wwVhN | DDFWN | C _m | wwVhN | DDFWN | C _m | wwVhN | DDFWN |
| 1087 | 02844 | 20325 | 86 | 01853 | 26324 | 50 | 05631 | 22211 | 8- | 05764 | 19214 | | | | |
| 1167 | 81944 | 22387 | 52 | 10944 | 22387 | 52 | 81844 | 20287 | 52 | 02844 | 20286 | | | | |
| 203 | | | 8- | 25936 | 24426 | | | | | | | | | | |
| 20686 | 25965 | 16187 | 8- | 02965 | 24287 | 53 | 02865 | 00027 | 53 | 02964 | 22167 | | | | |
| 21083 | 01053 | 25425 | 83 | 10954 | 27286 | 02 | 51857 | 00027 | 87 | 02965 | 12157 | | | | |
| 220 | | | 81 | 25746 | 25288 | | | | | | | | | | |
| 23083 | 81856 | 22187 | 87 | 25846 | 28187 | 5- | 02847 | 00087 | 53 | 02856 | 00067 | | | | |
| 24524 | 01964 | 30314 | 86 | 01863 | 04384 | 53 | 01862 | 24184 | 53 | 01961 | 23314 | | | | |
| 2602 | 02955 | 26314 | 83 | 81854 | 22386 | 50 | 05662 | 24212 | 54 | 02766 | 24117 | | | | |
| 278 | | | 5- | 22868 | 12268 | 5- | 02877 | 12227 | | | | | | | |
| 27983 | 02055 | 21416 | 83 | 02864 | 21486 | | | | 73 | 05655 | 04187 | | | | |
| 285 | | | 23 | 02745 | 24586 | | | | 13 | 01743 | 02114 | | | | |
| 28824 | 02856 | 58417 | 8- | 02867 | 21317 | 03 | 02790 | 18227 | 04 | 01850 | 18124 | | | | |
| 57587 | 25844 | 28385 | 83 | 01854 | 26314 | 5- | 02867 | 26127 | | | | | | | |
| 301 | | | | | | 40 | 00751 | 26311 | 57 | 08463 | 00046 | | | | |
| 32150 | 01754 | 25414 | | | | 03 | 08490 | 20102 | 05 | 05590 | 03126 | | | | |
| 29917 | 01854 | 24314 | 5- | 02756 | 23226 | 5- | 05654 | 23214 | 57 | 05653 | 00014 | | | | |
| 2927- | 02956 | 24316 | 5- | 02957 | 23227 | 53 | 01763 | 16114 | 57 | 41465 | 00047 | | | | |
| 310 | | | | | | | | | | | | | | | |
| 61427 | 05655 | 33387 | 5- | 05667 | 22127 | 5- | 05647 | 00017 | 5- | 05567 | 04217 | | | | |
| 833 | | | | | | 03 | 01790 | 00014 | 57 | 02974 | 00067 | | | | |
| 334-- | 03746 | 20328 | | | | | | | -- | 03537 | 04228 | | | | |
| 3408- | 02955 | 22327 | 83 | 01953 | 01224 | 53 | 05652 | 00014 | 57 | 62545 | 28168 | | | | |
| 13616 | 01754 | 22514 | 13 | 02862 | 24316 | 00 | 05690 | 00010 | 97 | 05631 | 12217 | | | | |
| 33614 | 01862 | 24413 | 14 | 01862 | 24313 | | | | 52 | 22642 | 24368 | | | | |
| 35073 | 02854 | 20326 | 70 | 02864 | 22125 | 03 | 01790 | 00005 | 02 | 62538 | 08268 | | | | |
| 36883 | 02963 | 23427 | 27 | 02961 | 24225 | | | | | | | | | | |
| 37923 | 01854 | 24315 | 10 | 02863 | 20226 | 03 | 05690 | 00014 | 57 | 41405 | 08267 | | | | |
| 39015 | 02765 | 23316 | 17 | 02762 | 24127 | 57 | 05663 | 18127 | 5- | 51668 | 10368 | | | | |
| 382 | | | 23 | 02861 | 22226 | 53 | 05665 | 00017 | 5- | 62538 | 04168 | | | | |
| 4385- | 02755 | 26315 | | | | -- | | | -- | 67109 | 22569 | | | | |
| 43023 | 02864 | 24325 | 22 | 02861 | 18217 | 5- | 22648 | 00068 | 6- | 67308 | 18368 | | | | |
| 4095- | 02854 | 21226 | 57 | 02845 | 31127 | 57 | 02646 | 04228 | 5- | 62648 | 02268 | | | | |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C, C_m - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (E = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 15th August |
|---------------------------------|--|
| 1 S.E. England | Wind south veering west light to fresh; cloudy, rain at times, perhaps local thunder, improving tomorrow; day temperature below average but close. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | Wind northeast backing northwest light to fresh; cloudy, rain at times, some improvement later; cool. |
| 5 S.W. England | |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | Light variable wind; variable cloud, local rain and thunder; rather cool. |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13A. W. Scotland | |
| 13B. N.W. Scotland | |
| 14* Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | Light variable to northwest winds; local thundery showers; some bright intervals; rather cool. |
| 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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 = Warm Front on the Surface
 = Warm Front above the ground
 = Cold Front on the surface
 = Cold Front above the ground
 = Occluded Front (or Occlusion)
 = Warm Occlusion
 = Cold Occlusion
 = Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 2.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

A rather flat low pressure system covers the northern parts of the British Isles, while a more vigorous depression centred just south of Cornwall is moving northeastwards. This latter depression will cause general rain today over the greater part of England, but with improving conditions later. Elsewhere there will be local rain of a thundery nature. Temperatures will be generally rather below average.

FURTHER OUTLOOK.

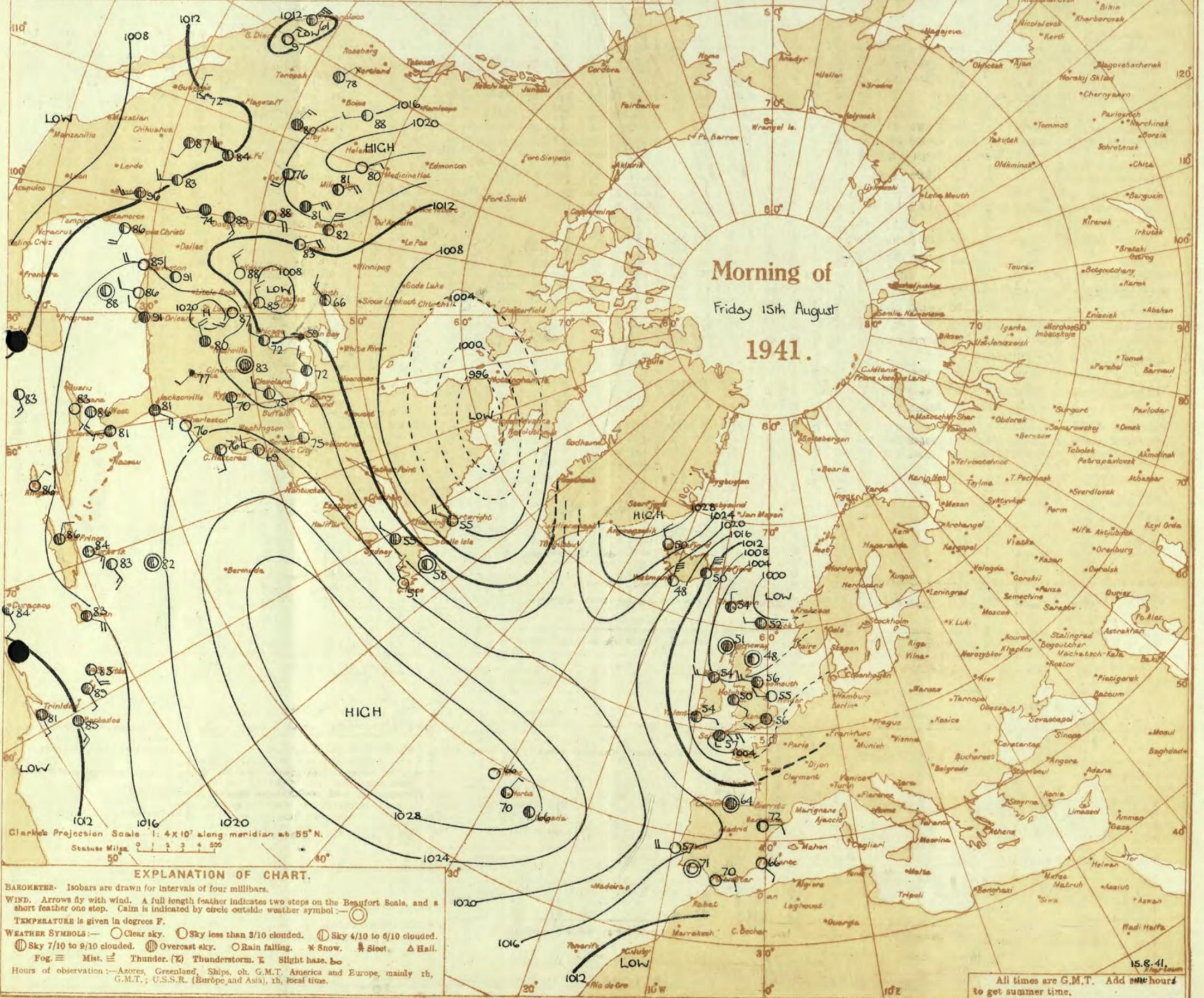
Unsettled

Forecasts issued at 10.30 G.M.T.
N. K. JOHNSON, D.Sc., A.R.C.S., Director.
H.M.S.O. Press, Meteorological Office, Dunstable. G.209/4120. No. 8.75. D. 8094. 6p. 340 3200. 3/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissipation.



Clark's Projection Scale 1: 4 x 10⁷ along meridian at 55° N.
 Statute Miles 0 1 2 3 4 500
 50'

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 5/10 clouded. ⊕ Sky 7/10 to 9/10 clouded. ⊕ Overcast sky. ○ Rain falling. * Snow. † Sleet. Δ Hail. Fog ≡ Mist. ⚡ Thunderstorm. ☼ Slight haze. ☁
 Hours of observation:—Azores, Greenland, Ships, etc. G.M.T. America and Europe, mainly th, G.M.T.; U.S.S.R. (Europe and Asia), th, local time.

15.8.41
 All times are G.M.T. Add two hours to get summer time.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

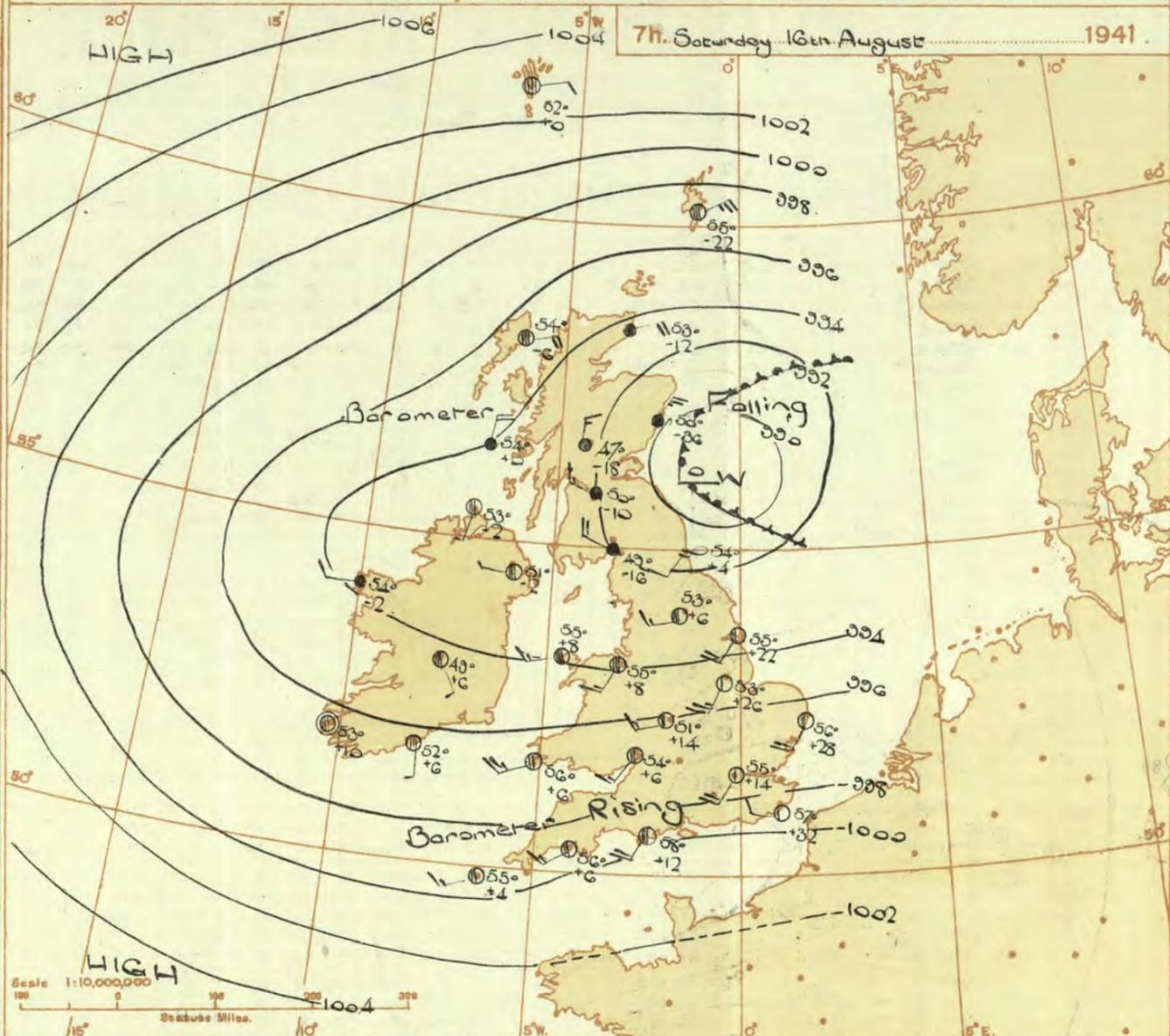
| OBSERVATIONS at 1 hr. G.M.T. 15th August | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 15th August | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|--|---------------------|------------------------------|-------------------|--------------------|-------|--------|----------|-----------|-----------|----------------|--------|---------|------------------------|--|-------------------|--------------------|--------|-------|----------|-----------|-----------|----------------|---------|------------------------|---------------------|-----------------------|----------|-------------------|----------------|------------------|-----------|------|---------------|-------|------|------|-------|
| District. | STATIONS. | Height above M.S.L. in feet. | Barom. M.S.L. mb. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. %. | Vis. in miles. | Cloud. | | | | Barom. M.S.L. mb. | Change in 3 hours. | Wind. | | Weather. | Temp. °F. | Humid. %. | Vis. in miles. | Cloud. | | | | Sea. 0-9 | TEMPERATURE. | | | RAINFALL. | | SUNSHINE 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 | 1007.3 | -12 | SSW | 3 | c | 56 | 92 | 7 | 5 | 7 | 4-6 | 9 | 5000 | 1002.3 | -22 | E | 3 | c/r | 57 | 92 | 5 | 5 | - | 10 | 10 | 1500 | 1 | 67 | 55 | 49 | - | 1 | 5.0 | | |
| | Croydon | 217 | 1007.3 | -12 | SSW | 3 | c | 56 | 92 | 7 | 5 | 7 | 4-6 | 9 | 5000 | 1002.3 | -22 | E | 3 | c/r | 57 | 92 | 5 | 5 | - | 10 | 10 | 1500 | 1 | 67 | 55 | 49 | - | 1 | 5.0 | | |
| | S. Farnborough | 226 | 1006.7 | -14 | SSE | 1 | c | 55 | 92 | 7 | 5 | - | - | - | 5400 | 1001.6 | -26 | E | 2 | d.d. | 57 | 97 | 5 | - | 2 | - | 10 | 10 | 400 | 1 | 70 | 55 | 49 | - | 2 | 5.7 | |
| | Boscombe Down | 417 | 1006.8 | -14 | SE | 2 | c | 54 | 97 | 7 | - | 7 | - | 0 | 9 | 1001.7 | -18 | E | 2 | id. | 56 | 97 | 5 | - | 2 | - | 10 | 10 | 200 | 1 | 66 | 54 | 50 | - | 3 | 3.2 | |
| | Thorney Island | 10 | 1006.7 | -16 | SE | 2 | c/r | 57 | 92 | 7 | 5 | 7 | 2-3 | 10 | 1500 | 1001.9 | -22 | WSW | 3 | ir | 62 | 97 | 5 | - | 2 | - | 10 | 10 | 450 | 1 | 68 | 56 | 54 | - | 3 | 3.0 | |
| | Lymington | 346 | 1009.2 | -14 | SSW | 1 | c | 56 | 92 | 7 | - | 7 | - | 0 | 9 | 1005.4 | -14 | SW | 2 | df | 60 | 97 | 1 | - | - | 10 | 10 | 4150 | 1 | 67 | 55 | 50 | - | 4 | 4.4 | | |
| | Manston | 184 | 1007.6 | -10 | SW | 1 | z. | 57 | 92 | 6 | 5 | 7 | 2-3 | 9 | 5000 | 1003.6 | -18 | SSE | 2 | ir. | 60 | 97 | 4 | - | 2 | - | 10 | 10 | 200 | 1 | 66 | 55 | 51 | - | 2 | 5.1 | |
| 2 | Shoeburyness | 11 | 1007.2 | -10 | SW | 1 | z. | 60 | 92 | 6 | - | 7 | - | 0 | 7-8 | - | 1005.2 | -4 | SE/E | 4 | dd | 58 | 92 | 5 | 5 | - | 10 | 10 | 800 | 1 | 70 | 56 | 52 | 0.1 | 1 | 4.4 | |
| | Felixstowe | 15 | 1007.2 | -10 | SW | 1 | z. | 60 | 92 | 6 | - | 7 | - | 0 | 7-8 | - | 1005.2 | -4 | SE/E | 4 | dd | 58 | 92 | 5 | 5 | - | 10 | 10 | 800 | 1 | 70 | 56 | 52 | - | 0.5 | 6.5 | |
| | Gorleston | 5 | 1008.2 | -12 | SE | 0 | bc | 58 | 85 | 6 | - | 8 | - | 0 | 2-3 | - | 1005.6 | -10 | SE | 3 | c | 60 | 85 | 7 | 8 | 3 | - | 4-6 | 7-8 | 2500 | 1 | 66 | 55 | 53 | - | - | 4.0 |
| | Mildenhall | 19 | 1006.8 | -10 | SE | 2 | z. | 58 | 97 | 6 | - | 3 | - | 0 | 4-6 | - | 1003.7 | -14 | SE/E | 3 | ir. | 57 | 97 | 6 | 5 | 7 | - | 4-6 | 10 | 700 | 0 | 66 | 48 | 43 | - | Tr | 6.8 |
| | Cranwell | 240 | 1007.4 | -10 | - | 0 | z. | 47 | 92 | 6 | - | 3 | - | 0 | 4-6 | - | 1004.2 | -14 | NE | 1 | ir. | 52 | 92 | 6 | 5 | 3 | - | 7-8 | 9 | 4000 | 1 | 63 | 47 | 42 | - | Tr | 3.9 |
| 3 | Birmingham | 535 | 1007.0 | -8 | - | 0 | z. | 51 | 97 | 6 | - | 7 | - | 0 | 2-3 | - | 1002.9 | -14 | SE | 1 | m | 53 | 85 | 4 | 5 | - | 10 | 10 | 1500 | 1 | 65 | 52 | 47 | - | - | 7.0 | |
| | Upper Heyford | 408 | 1007.0 | -8 | - | 0 | z. | 51 | 97 | 6 | - | 7 | - | 0 | 2-3 | - | 1002.9 | -14 | SE | 1 | m | 53 | 85 | 4 | 5 | - | 10 | 10 | 1500 | 1 | 65 | 52 | 47 | - | - | 7.0 | |
| | Ross-on-Wye | 223 | 1007.0 | -8 | - | 0 | z. | 51 | 97 | 6 | - | 7 | - | 0 | 2-3 | - | 1002.2 | -16 | E | 1 | id. | 53 | 92 | 6 | 5 | 1 | 3 | 7-8 | 10 | 1500 | 1 | 67 | 50 | 45 | - | 4 | 7.0 |
| 5 | Hartland Point | 299 | 1005.1 | -22 | NE | 2 | e | 57 | 85 | 8 | 5 | - | 9 | 9 | 2500 | 1000.4 | -22 | ENE | 3 | c | 56 | 85 | 8 | 8 | 2 | - | 7-8 | 10 | 1400 | 0 | 63 | 55 | 54 | - | - | 4.6 | |
| | Bristol | 209 | 1006.3 | -18 | - | 0 | z. | 56 | 92 | 6 | 5 | - | 10 | 10 | 3500 | 1002.1 | -18 | E | 2 | c | 55 | 92 | 7 | 5 | 2 | - | 4-6 | 10 | 1200 | 1 | 65 | 54 | 49 | - | 1 | 4.2 | |
| | Portland Bill | 32 | 1006.6 | -16 | W | 3 | c | 58 | 92 | 7 | 5 | - | 10 | 10 | 2500 | 1001.0 | -18 | S | 3 | df | 59 | 92 | 3 | 5 | - | 10 | 10 | 1500 | 1 | 62 | 58 | 50 | - | - | 4.0 | | |
| | Plymouth | 82 | 1005.4 | -24 | - | 0 | bc | 54 | 92 | 5 | 2 | - | 9 | 7 | 600 | 1000.4 | -22 | E | 1 | d.d. | 57 | 97 | 3 | - | 2 | - | 10 | 10 | 200 | 1 | 61 | 54 | 52 | - | 5 | 1.1 | |
| | The Lizard | 240 | 1004.4 | -28 | ENE | 4 | dd | 54 | 97 | 5 | 5 | - | 10 | 10 | 1000 | 999.6 | -20 | E/N | 3 | m/d | 55 | 97 | 4 | 5 | - | 10 | 10 | 1300 | 1 | 60 | 54 | 52 | - | 4 | 0.0 | | |
| | Scilly (St. Mary's) | 163 | 1004.3 | -22 | ENE | 3 | c/r | 57 | 97 | 7 | 5 | - | 10 | 10 | 1500 | 1000.1 | -16 | NNE | 4 | c | 57 | 97 | 7 | 5 | 2 | - | 7-8 | 10 | 1000 | 1 | 61 | 54 | 52 | - | 2 | 0.2 | |
| | Guernsey | 175 | 1006.0 | -8 | NE/E | 2 | c | 53 | 97 | 7 | 8 | 2 | - | 4-6 | 9 | 2500 | 1001.7 | -12 | NE/E | 3 | c | 54 | 92 | 8 | 5 | 2 | - | 7-8 | 9 | 2500 | 1 | 60 | 52 | 49 | - | 1 | 9.1 |
| 7 | Holyhead (Valley) | 26 | 1005.4 | -12 | ESE | 2 | c | 50 | 97 | 8 | 5 | 3 | - | 4-6 | 7-8 | 4000 | 1002.1 | -16 | - | 0 | c | 53 | 85 | 9 | 5 | 7 | - | 2-3 | 9 | 3000 | 0 | 63 | 49 | 46 | - | - | 4.0 |
| | Chester (Sealand) | 16 | 1006.7 | -8 | - | 0 | m | 48 | 92 | 4 | 5 | 3 | - | 4-6 | 7-8 | 3000 | 1003.2 | -16 | - | 0 | ir. | 51 | 92 | 3 | - | 2 | - | 10 | 10 | 2500 | 1 | 62 | 48 | 43 | - | Tr | 2.0 |
| | Manchester | 70 | 1006.9 | -8 | S | 1 | bc | 44 | 97 | 2 | - | - | - | 0 | 0 | - | 1003.8 | -12 | NE | 1 | ir | 52 | 92 | 4 | 5 | 2 | - | 7-8 | 10 | 3000 | 1 | 63 | 42 | 37 | - | 1 | 3.5 |
| 10 | Spurn Head | 29 | 1007.1 | -2 | WSW | 2 | bc | 55 | 85 | 6 | - | 6 | - | 0 | 2-3 | - | 1004.6 | -12 | E | 2 | z. | 56 | 85 | 6 | 5 | 6 | - | 4-6 | 7-8 | 4000 | 0 | 65 | 54 | 48 | - | - | 9.2 |
| | Catterick | 175 | 1006.2 | -6 | S | 1 | z. | 53 | 85 | 6 | 5 | - | 9 | 9 | 3500 | 1004.7 | -8 | SSE | 1 | bc/f | 49 | 97 | 5 | - | 7 | 9 | 0 | 4-6 | - | 0 | 65 | 45 | 46 | - | - | 7.6 | |
| | Tynemouth | 108 | 1005.8 | 0 | W | 3 | c | 56 | 75 | 7 | 8 | - | 7-8 | 7-8 | 2500 | 1005.2 | -4 | SSW | 2 | c | 54 | 85 | 6 | 8 | 3 | - | 7-8 | 9 | 2800 | 1 | 65 | 52 | 48 | - | Tr | 4.0 | |
| 11 | St. Abba Head | 280 | 1004.7 | 0 | S | 2 | bc | 51 | 92 | 8 | 4 | 4 | - | 4-6 | 4-6 | 2500 | 1003.6 | -4 | N | 1 | c | 57 | 85 | 9 | 4 | 4 | 5 | 2-3 | 7-8 | 2500 | 0 | 63 | 49 | 41 | - | - | 12.1 |
| | Leuchars | 36 | 1004.0 | +4 | WSW | 3 | bc | 50 | 92 | 8 | 5 | - | 2-3 | 2-3 | 3500 | 1002.8 | -4 | SW | 2 | bc | 57 | 85 | 9 | 5 | 3 | 5 | Tr | 4-6 | 4000 | 0 | 67 | 45 | 41 | - | 0.5 | 12.1 | |
| | Renfrew (Abbots I.) | 19 | 1005.3 | +2 | - | 0 | b | 47 | 92 | 8 | 5 | 4 | - | Tr | 1 | 2500 | 1003.9 | -6 | - | 0 | m | 51 | 97 | 4 | 5 | - | 7-8 | 10 | 800 | 0 | 63 | 44 | 35 | - | Tr | 6.8 | |
| | Eskdalemuir | 794 | 1005.5 | -6 | - | 0 | bc | 53 | 97 | 8 | 9 | 7 | - | 4-6 | 9 | 2500 | 1003.8 | -8 | - | 0 | ir. | 46 | 97 | 7 | 5 | - | 7-8 | 10 | 1500 | 1 | 66 | 41 | 33 | - | Tr | 10.3 | |
| | Point of Ayre | 30 | 1005.5 | -6 | W | 1 | bc | 53 | 97 | 8 | 9 | 7 | - | 4-6 | 9 | 2500 | 1003.2 | -12 | - | 0 | c | 54 | 97 | 8 | 8 | - | 9 | 9 | 5000 | 1 | 63 | 50 | 43 | - | 1 | 2.0 | |
| 13A | Tiree | 22 | 1004.2 | -4 | - | 0 | e | 50 | 92 | 8 | 2 | - | 2 | 9 | 2100 | 1002.0 | -4 | - | 0 | c | 52 | 97 | 7 | 5 | - | 7-8 | 7-8 | 2000 | 1 | 60 | 50 | 44 | - | 6 | 2.9 | | |
| 13B | Stornoway | 80 | 1003.8 | -4 | - | 0 | c | 51 | 97 | 7 | 5 | 7 | - | 4-6 | 10 | 2000 | 1002.5 | -6 | - | 0 | c | 53 | 97 | 8 | 5 | 7 | 3 | 7-8 | 9 | 2500 | 1 | 61 | 51 | 43 | - | 12 | 6 |
| 15 | Dalwhinnie | 1178 | 1003.8 | -4 | - | 0 | c | 51 | 97 | 7 | 5 | 7 | - | 4-6 | 10 | 2000 | 1002.5 | -6 | - | 0 | c | 53 | 97 | 8 | 5 | 7 | 3 | 7-8 | 9 | 2500 | 1 | 61 | 51 | 43 | - | 12 | 6 |
| | Aberdeen | 79 | 1003.8 | -4 | - | 0 | c | 51 | 97 | 7 | 5 | 7 | - | 4-6 | 10 | 2000 | 1002.5 | -6 | - | 0 | c | 53 | 97 | 8 | 5 | 7 | 3 | 7-8 | 9 | 2500 | 1 | 61 | 51 | 43 | - | 12 | 6 |
| | Wick | 119 | 1003.9 | -2 | WSW | 1 | bc | 50 | 92 | 8 | 5 | - | 1-6 | 4-6 | 4000 | 1002.8 | -4 | NNW | 2 | bc | 49 | 97 | 8 | - | 7 | - | 0 | 2-3 | - | 1 | 62 | 46 | 43 | 0.4 | 0.5 | 4.8 | |
| | Sumburgh | 30 | 1001.9 | +2 | W/N | 2 | c | 53 | 92 | 8 | 5 | 7 | - | 7-8 | 9 | 800 | 1002.1 | +4 | WSW | 2 | bc | 53 | 92 | 8 | 5 | - | 2-3 | 2- | | | | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 5th August, 1941 | | | | 01h. G.M.T. 16th August, 1941 | | | | 07h. G.M.T. 16th August, 1941 | | | | |
|------------------------------|----------------|-------------------|-------|-------------------------------|-------------------|-------|----------------|-------------------------------|-------|----------------|-------------------|-------|
| III | C _m | wwVh _N | DDFWN | C _m | wwVh _N | DDFWN | C _m | wwVh _N | DDFWN | C _m | wwVh _N | DDFWN |
| 109 | 8- | 02574 | 13224 | 5- | 02637 | 10327 | 5- | 03628 | 09418 | 52 | 62735 | 05568 |
| 115 | 54 | 81944 | 12385 | 54 | 81944 | 10385 | 54 | 02844 | 08385 | 52 | 81735 | 08438 |
| 203 | 8- | 00934 | 00014 | | | | | | | | | |
| 206 | 84 | 01764 | 08384 | 83 | 10765 | 08385 | 57 | 02854 | 08226 | 52 | 64744 | 06568 |
| 210 | 84 | 25053 | 05384 | 84 | 81854 | 12386 | 5- | 02748 | 00018 | 62 | 62745 | 04468 |
| 220 | 84 | 82745 | 22184 | | | | | | | | | |
| 230 | 83 | 02544 | 22285 | 8- | 64857 | 00067 | 52 | 02745 | 00068 | 52 | 64745 | 00068 |
| 245 | 23 | 01052 | 14113 | 57 | 02932 | 12317 | 52 | 64548 | 04568 | 52 | 54658 | 35568 |
| 260 | 8- | 82844 | 04187 | 57 | 05555 | 04188 | 5- | 08448 | 06268 | | | |
| 278 | 9- | 02855 | 28286 | | | | 5- | 62748 | 04368 | 82 | 64764 | 25368 |
| 279 | 87 | 25756 | 00087 | 62 | 64537 | 31168 | | | | 5- | 64538 | 24368 |
| 285 | | | | 6- | 63638 | 08468 | | | | | | |
| 288 | -- | 81558 | 02288 | 5- | 62548 | 07368 | 5- | 05538 | 00068 | 57 | 02845 | 20427 |
| 575 | 87 | 10854 | 20115 | 87 | 02854 | 00085 | 5- | 00852 | 30112 | 87 | 02847 | 00027 |
| 801 | 02 | 62648 | 02268 | 52 | 62444 | 00068 | 62 | 62436 | 00068 | 9- | 82636 | 26388 |
| 821 | 57 | 22644 | 04368 | 5- | 05528 | 02168 | -- | 44109 | 00049 | 53 | 05644 | 18415 |
| 299 | 8- | 05548 | 08328 | | | | 5- | 05547 | 20327 | 5- | 05645 | 22415 |
| 292 | 87 | 02855 | 08328 | 52 | 58636 | 04268 | 2- | 46309 | 27159 | 57 | 02944 | 22356 |
| 310 | -- | 51438 | 08558 | -- | 57209 | 08559 | | | | -- | 01655 | 26415 |
| 614 | 52 | 53425 | 06258 | 97 | 22644 | 00068 | 5- | 08448 | 26288 | 53 | 05654 | 20314 |
| 83 | 82 | 02866 | 30268 | 62 | 64633 | 30268 | 5- | 02655 | 23365 | 83 | 02843 | 22326 |
| 834 | -- | 05547 | 28128 | -- | 66337 | 20168 | | | | -- | 64637 | 24638 |
| 340 | 5- | 21548 | 02168 | 02 | 64328 | 26268 | 62 | 61445 | 24258 | 50 | 01964 | 20314 |
| 136 | 62 | 62625 | 10368 | 82 | 02845 | 18368 | 5- | 02745 | 18467 | 54 | 01722 | 20512 |
| 336 | 52 | 62653 | 24368 | | | | | | | 14 | 01762 | 20414 |
| 360 | 62 | 62417 | 12268 | 87 | 51735 | 16467 | 52 | 61645 | 20368 | 54 | 01733 | 18363 |
| 368 | 52 | 62646 | 03268 | 52 | 25644 | 28288 | | | | | | |
| 379 | -- | 67209 | 01869 | 9- | 02847 | 16328 | 50 | 01641 | 20314 | 53 | 22843 | 18464 |
| 390 | 62 | 64636 | 14368 | 87 | 02745 | 17328 | 5- | 22645 | 18367 | 5- | 01743 | 20423 |
| 382 | 52 | 61736 | 16468 | 74 | 02855 | 18457 | 00 | 01790 | 22324 | 84 | 01942 | 19413 |
| 438 | -- | 67009 | 22668 | | | | | | | | | |
| 430 | 6- | 63618 | 22368 | 67 | 22725 | 20368 | 80 | 25753 | 20483 | 80 | 01853 | 22313 |
| 400 | 51 | 22638 | 31368 | 5- | 02966 | 29366 | 44 | 00742 | 20383 | 53 | 02865 | 17326 |

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W = Present and past weather—See M.O. 252.
h, N_h = Height and amount of low cloud—See M.O. 252.
N = Total amount of cloud—See M.O. 252.
C, C_m = Form of low and medium cloud—See page 1.
V_m = Visibility. F = Force of wind—See page 4.
DD = Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 16th August

| | |
|---------------------------------|--|
| 1 S.E. England | Moderate or fresh southwest or west wind; bright intervals and showers with local thunder; cool. |
| 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. | |
| 13A. W. Scotland | Moderate northeast to variable wind, finally westerly, moderate to fresh; general rain at first; showers and bright intervals later; cool. |
| 13B. N.W. Scotland | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | As 1-13A |
| 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.

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

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

GENERAL INFERENCE.

A depression centred off the east coast of Scotland will move north-northwest. There will be showers and bright intervals in most districts with some local thunder, but there will be more general rain in the North at first. Temperature will be below normal in all districts.

FURTHER OUTLOOK.

Showery type persisting with some local thunder

Forecasts issued at 10.30 G.M.T.
H.M.S.O. Press, Meteorological Office, Dunstable.

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

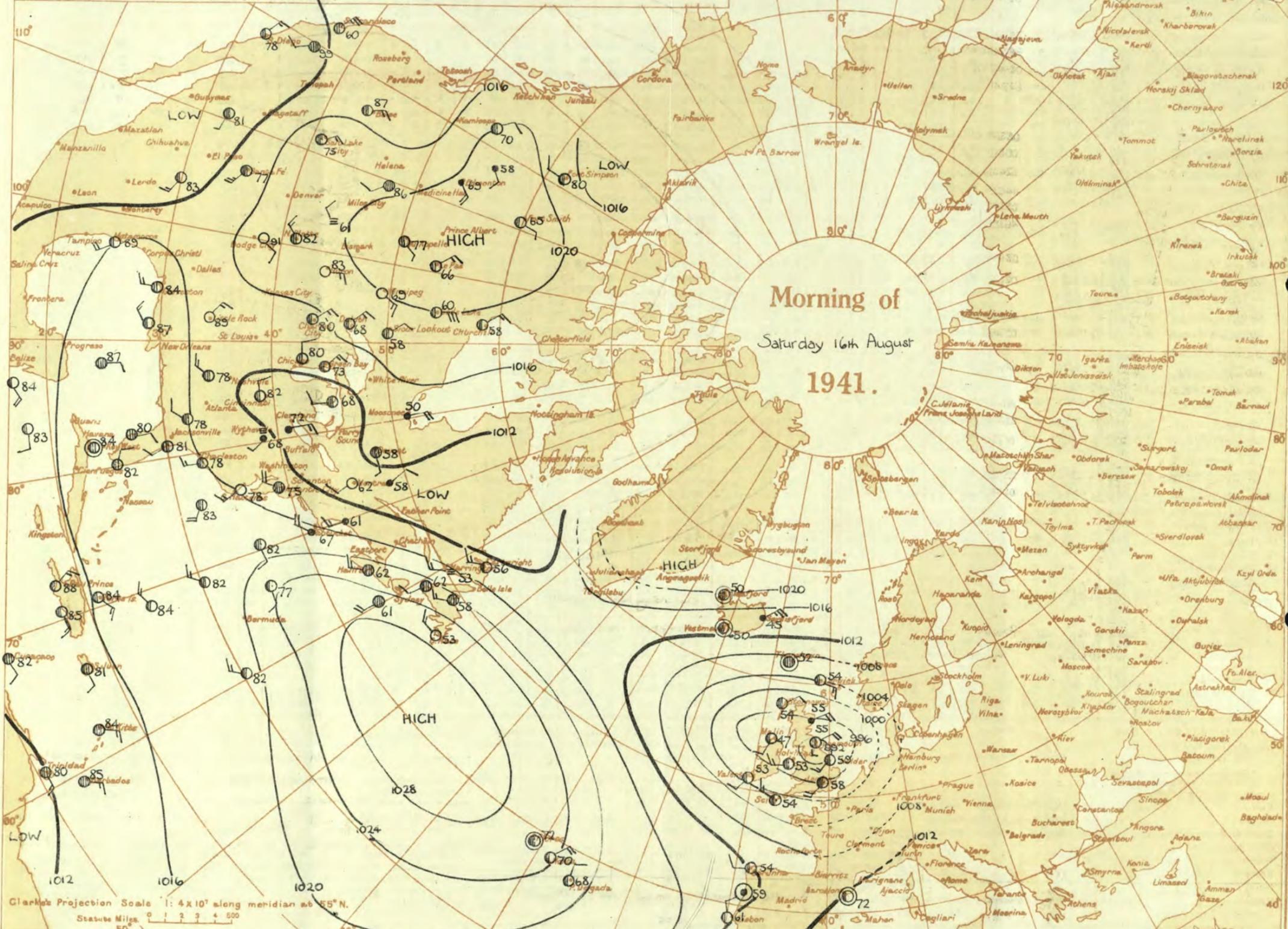
4-209/4120. No. 976. D. 8034. 6p. 340. 3500. 3/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold-front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.

Morning of
 Saturday 16th August
 1941.



Clark'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 ☁☁☁☁☁ Thunderstorm ☁☁☁☁☁ Slight haze ☁☁☁☁☁
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.

All times are G.M.T. Add 4 hours to get summer time.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table with columns for District, Stations, Observations at 1 hr. G.M.T., Observations at 7 hr. G.M.T., and Past 24 Hours. Includes sub-columns for Wind, Temp., Humid., Cloud, and Rainfall.

LONDON OBSERVATIONS table with columns for Day, Weather, Temperature, Rainfall, Humidity, and Atmospheric Pollution.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed definitions for weather codes and symbols used in the report.

FOREIGN OBSERVATIONS table listing weather data for various international stations like Reykjavik, Lisbon, and Cairo.

Table with columns for Stations, Barom., Wind, Weather, Temp., and Rainfall, providing specific data for the listed foreign locations.

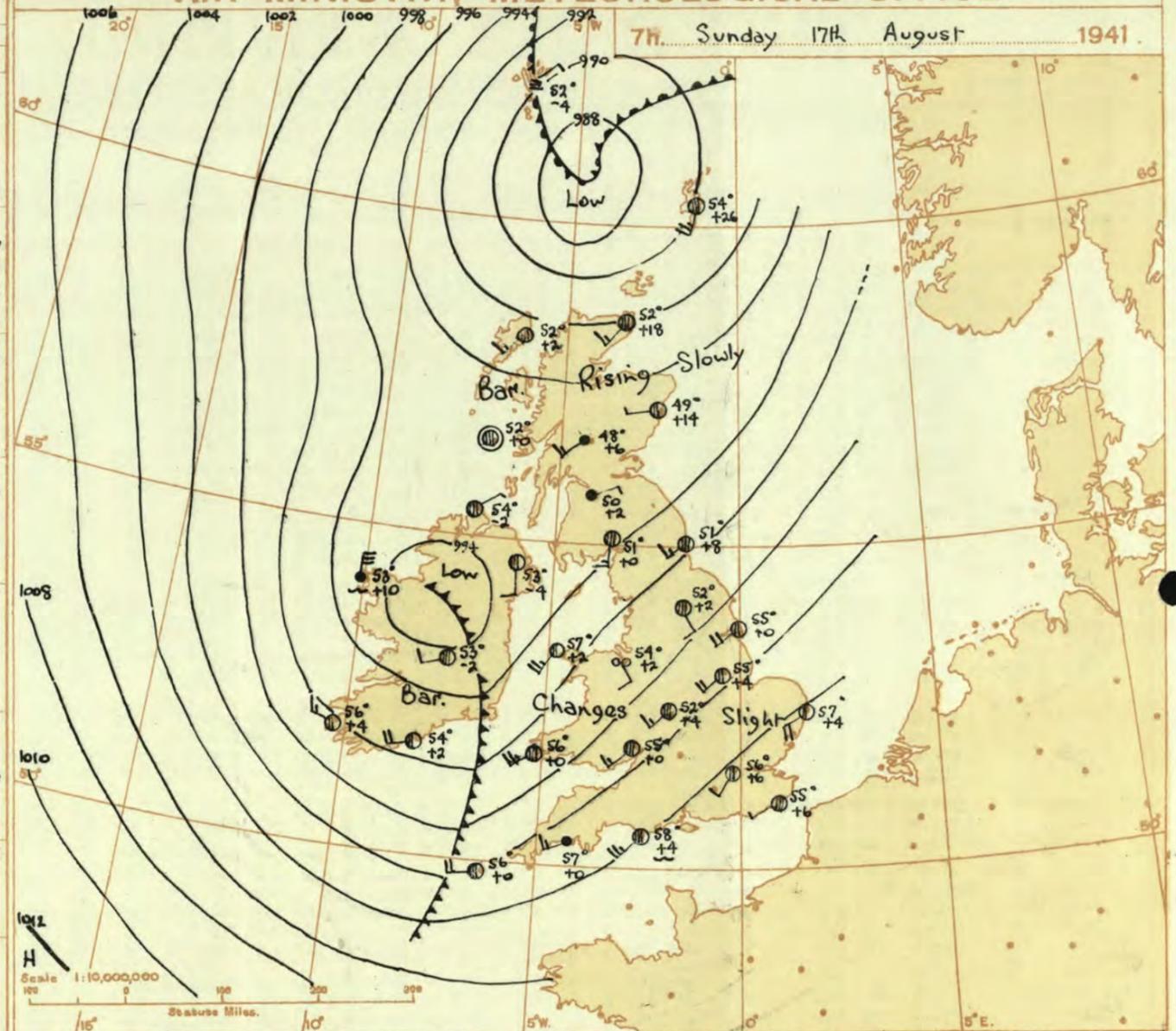
EXPLANATION OF FIGURES, LETTERS, etc. section (continued) detailing the Beaufort Scale of Wind and other meteorological standards.

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 16th August | | | | 15h. G.M.T. | | | | 01h. G.M.T. 17th August | | | | 07h. G.M.T. | | | |
|-------------------------|----------------|--------------------|-------|----------------|--------------------|-------|----------------|-------------------------|-------|----------------|--------------------|-------------|----------------|--------------------|-------|
| III | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN |
| 109 | 6- | 62638 | 02668 | 6- | 61628 | 32568 | 57 | 02646 | 14227 | 6- | 61648 | 22408 | | | |
| 115 | 52 | 64628 | 08488 | | | | | | | 52 | 62738 | 24868 | | | |
| 203 | | | | 6- | 63838 | 32668 | | | | | | | | | |
| 206 | 62 | 62524 | 32268 | 62 | 61848 | 28468 | 52 | 22744 | 28365 | 57 | 02864 | 18366 | | | |
| 210 | 62 | 54526 | 02568 | 62 | 61727 | 26468 | 5- | 02855 | 21325 | 57 | 61965 | 19227 | | | |
| 220 | | | | 62 | 66745 | 29268 | | | | | | | | | |
| 230 | 52 | 62857 | 28268 | 87 | 02857 | 27267 | 52 | 51746 | 20268 | 7- | 02847 | 00067 | | | |
| 245 | 52 | 53418 | 04258 | 7- | 22956 | 22587 | 53 | 01883 | 20463 | 74 | 01964 | 24103 | | | |
| 260 | 81 | 02855 | 22457 | 8- | 02854 | 22427 | 50 | 01763 | 00013 | 87 | 02766 | 00017 | | | |
| 278 | 57 | 02864 | 22368 | 86 | 02956 | 22286 | | | | 51 | 61836 | 18258 | | | |
| 279 | 87 | 02755 | 21457 | 8- | 02956 | 21416 | | | | 87 | 22546 | 20267 | | | |
| 285 | | | | 23 | 01854 | 24614 | | | | | | | | | |
| 288 | 87 | 02855 | 53515 | 10 | 00952 | 55513 | 50 | 01753 | 16113 | 87 | *** | 18316 | | | |
| 575 | 87 | 10856 | 28187 | 87 | 10856 | 26187 | 5- | 62648 | 00068 | 57 | 02855 | 10267 | | | |
| 301 | 24 | 01853 | 26413 | 24 | 02952 | 22404 | 53 | 01763 | 16215 | 37 | 81654 | 15387 | | | |
| 321 | 33 | 01754 | 21586 | 83 | 01852 | 18484 | 56 | 25574 | 15385 | 58 | 81764 | 17315 | | | |
| 299 | 87 | 82655 | 22488 | 87 | 01754 | 22314 | 50 | 01753 | 22203 | 80 | 05644 | 24314 | | | |
| 292 | 34 | 02854 | 20385 | 54 | 01863 | 20214 | 00 | 05690 | 16110 | 57 | 81666 | 15247 | | | |
| 310 | -- | 01625 | 23515 | | | | | | | | | | | | |
| 614 | 26 | 02744 | 53327 | 36 | 81655 | 18396 | 5- | 05547 | 18227 | 53 | 05527 | 20327 | | | |
| 333 | 25 | 01953 | 18414 | 24 | 01963 | 18415 | 8- | 25765 | 18385 | 8- | 02857 | 18387 | | | |
| 334 | -- | 01853 | 22314 | -- | 01864 | 22314 | | | | | | | | | |
| 340 | 0- | 25947 | 22387 | 36 | 02855 | 18327 | 51 | 02753 | 14215 | 54 | 01853 | 14364 | | | |
| 136 | 26 | 02955 | 26516 | 36 | 81884 | 18586 | 40 | 02862 | 18482 | 5- | 02734 | 16314 | | | |
| 338 | 62 | 64662 | 26467 | 54 | 22762 | 24366 | | | | | | | | | |
| 350 | 80 | 02865 | 18425 | 86 | 25763 | 16384 | 5- | 01745 | 20315 | 54 | 00722 | 18303 | | | |
| 368 | 36 | 01854 | 20484 | 36 | 25855 | 20486 | | | | | | | | | |
| 379 | 8- | 02866 | 20486 | 32 | 25845 | 16485 | 57 | 05644 | 20415 | 5- | 02727 | 20427 | | | |
| 390 | 26 | 01844 | 21419 | 86 | 01863 | 20314 | 50 | 00751 | 19301 | 50 | 01745 | 20315 | | | |
| 382 | 87 | 02054 | 10417 | 30 | 25845 | 18285 | 50 | 01764 | 18314 | 24 | 00861 | 16202 | | | |
| 438 | | | | | | | | | | 87 | 25851 | 24385 | | | |
| 430 | | | | 84 | 01954 | 20415 | 86 | 01754 | 22414 | 35 | 25833 | 20283 | | | |
| 409 | | | | 24 | 02854 | 21525 | 20 | 00841 | 20201 | 97 | 02854 | 16317 | | | |

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W = Present and past weather—See M.O. 252.
h, N_h = Height and amount of low cloud—See M.O. 252.
N = Total amount of cloud—See M.O. 252.
C, C_m = Form of low and medium cloud—See page 1.
V = Visibility. F = Force of wind—See page 4.
DD = Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 17th August

| | |
|---------------------------------|--|
| 1 S.E. England | |
| 2 E. England ... | Moderate southwest wind, fresh locally, veering west. Bright intervals, showers, local thunderstorms; cool. |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | Moderate or fresh southwest wind, veering west or northwest, strong locally on coast. Local thunderstorms; cool. |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13A. W. Scotland | |
| 13B. 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 | Moderate or fresh west to northwest wind, strong locally. Showery; local thunderstorms; cool. |
| 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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
— Warm Front on the Surface
— Warm Front above the ground
— Cold Front on the surface
— Cold Front above the ground
— Occluded Front (or Occlusion)
— Warm Occlusion
— Cold Occlusion
— Lines of Frontogenesis
Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

A depression off North Scotland is moving slowly north and a small depression in polar air over North Ireland will move northeast. Weather will be showery with local thunderstorms.

FURTHER OUTLOOK.

Showery and cool.

Forecasts issued at 1030 G.M.T.

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

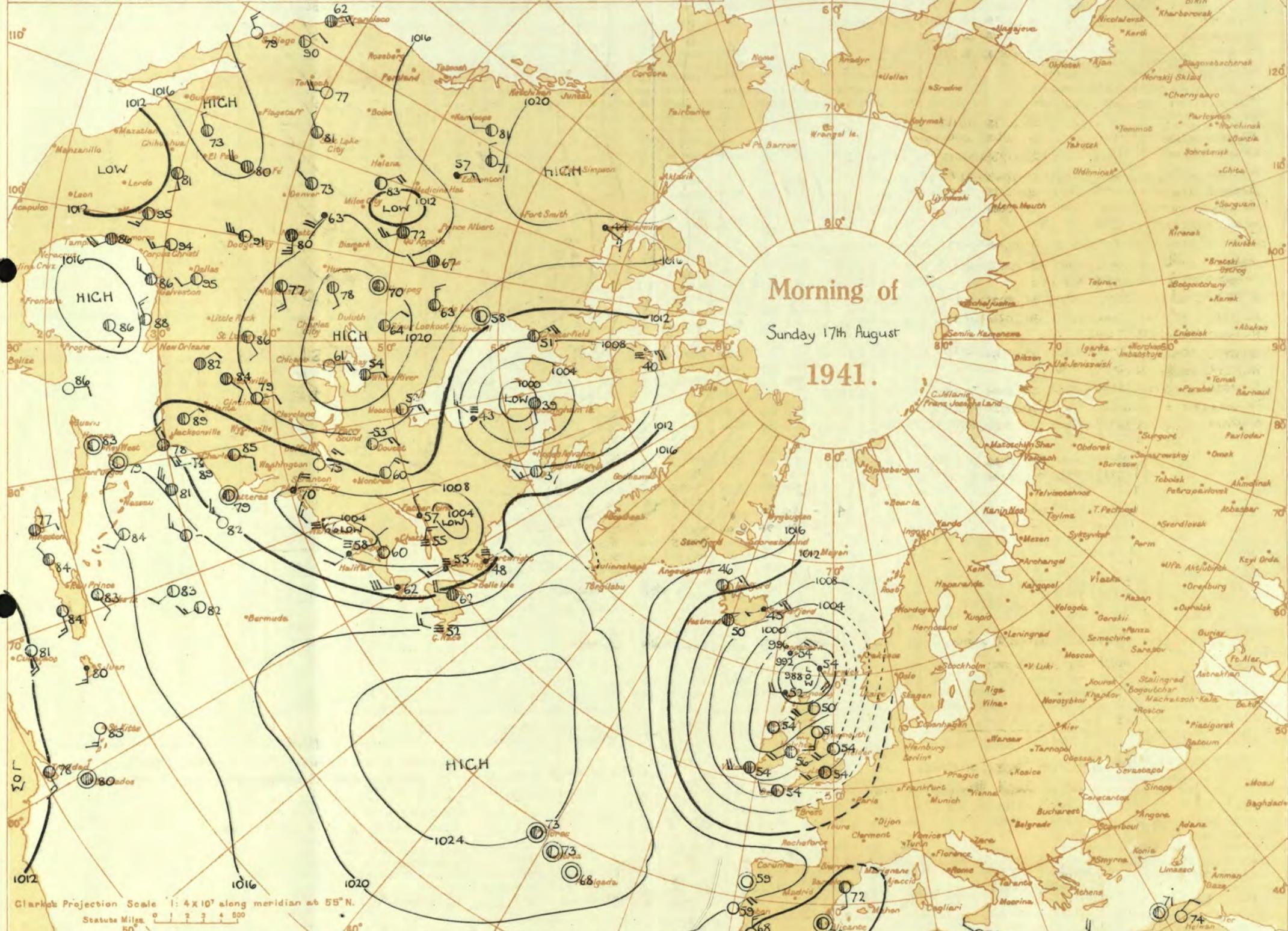
H.M.S.O. Press, Meteorological Office, Dunstable.

6289/420. W. 8.76. D. 6094. 6p. 548 3200 3/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
 Sunday 17th August
 1941.

Clark's Projection Scale 1: 4 x 10⁷ 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. △ Hall.
 Fog ≡ Mist ≡ Thunder. (T) Thunderstorm. E Slight haze. ☁
 Hours of observation:—Azores, Greenland, Ships, on G.M.T. America and Europe, mainly th, G.M.T.; U.S.S.R. (Europe and Asia), th, local time.

All times are G.M.T. Add 5 hours to get summer time.

E.M.S.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

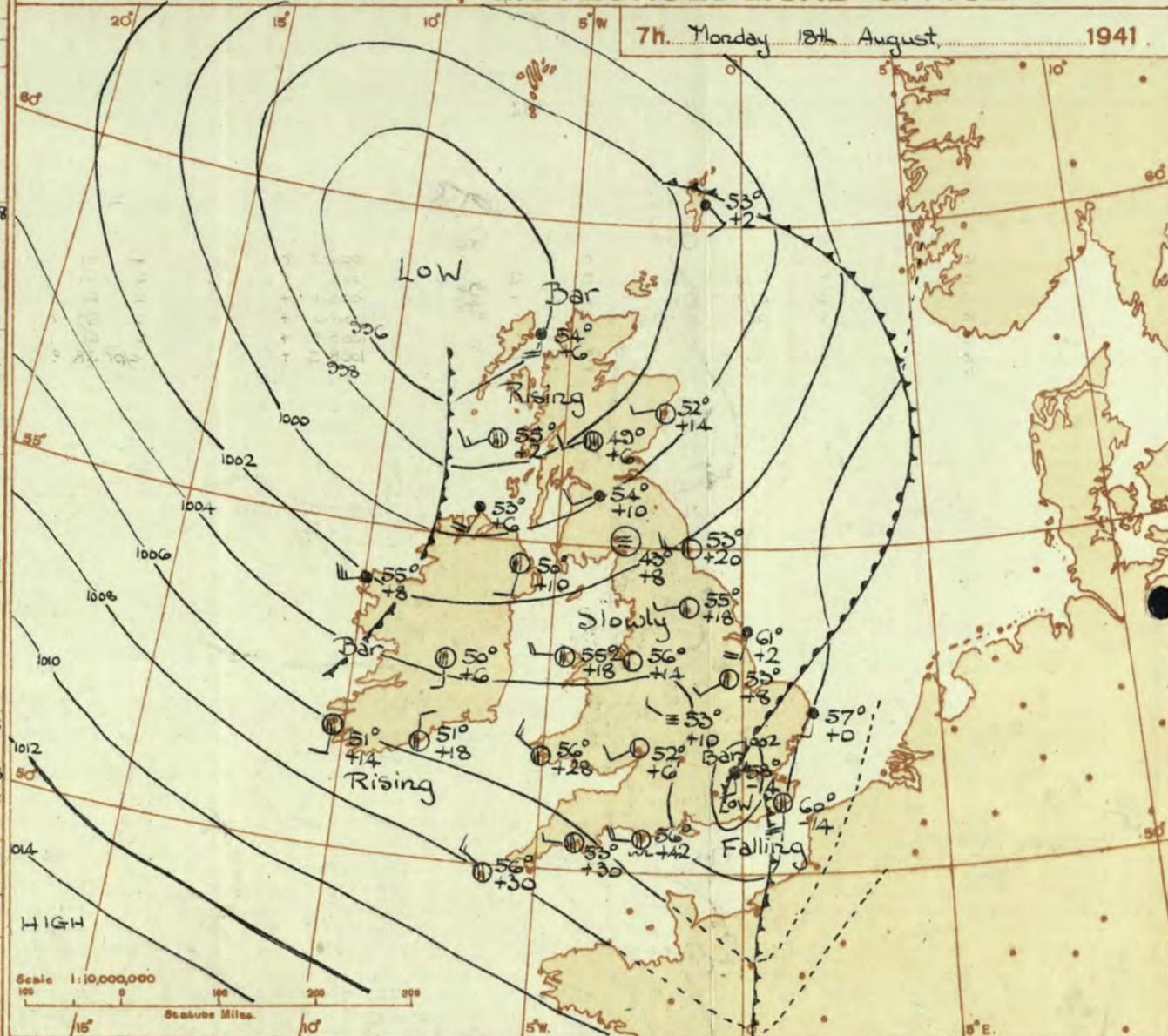
| OBSERVATIONS at 1 hr. G.M.T. 17th August | | | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 17th August | | | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | |
|--|----------------------|------------------------------|----------------------|-----------------------|--------|--------|--------------|--------------|--------------------|----------|-------|---------|----------------------------|--------|-----------------------|--|--------|----------|---------------|---------------|---------------------|--------|---------|----------------------------|--------------------------|----------------------------|-----------------------|-----------|------------------------|---------------------|-----------------------|----------------|------|-------------------------|-------|------|------|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours (2) | Wind. | | Temp. °F (6) | Humid. % (7) | Visibility 0-8 (8) | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours (16) | Wind. | | Temp. °F (20) | Humid. % (21) | Visibility 0-8 (22) | Cloud. | | | | | State of Ground. (30) | Sea. (31) | TEMPERATURE. | | | RAINFALL. | | SUNSHINE 16th Hrs. (36) | | | |
| | | | | | Direc. | Force. | | | | Weather. | Form. | Amount. | Height of Base (feet) (14) | Direc. | | | Force. | Weather. | | | | Form. | Amount. | Height of Base (feet) (28) | Max. Day 7h-18h °F. (32) | Min. Night 18h-7h °F. (33) | | | Min. on Grass °F. (35) | Day 7h-18h mm. (34) | Night 18h-7h mm. (35) | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | | High. | Low. | Med. |
| 1 | London (Kew) | 18 | 1003.4 | -0.6 | SW | 3 | b | 54 | 92 | 8 | 5 | Tr | Tr | 4000 | 1003.9 | +0.5 | SW | 3 | bc | 56 | 85 | 8 | 8 | 2-3 | 2-3 | 4000 | 1 | 63 | 49 | 45 | 0.1 | 0 | 11.4 | | | | |
| | Croydon | 217 | 1003.2 | -0.4 | SW | 3 | b | 54 | 92 | 7 | 5 | Tr | Tr | 4000 | 1004.3 | +1.1 | SW | 2 | bc | 56 | 85 | 8 | 1 | 3 | Tr | 2-3 | 2500 | 1 | 63 | 51 | 48 | 0 | 0 | 12.0 | | | |
| | S. Farnborough | 226 | 1003.2 | -0.4 | SW | 3 | b | 54 | 92 | 7 | 5 | Tr | Tr | 4000 | 1004.2 | +1.0 | SW | 3 | bc | 56 | 85 | 8 | 6 | 3 | 1 | 2-3 | 2000 | 1 | 63 | 52 | 45 | 0 | 0 | 11.4 | | | |
| | Boscombe Down | 417 | 1003.4 | +0.2 | SSW | 3 | b | 52 | 97 | 7 | 4 | Tr | Tr | 3000 | 1003.9 | +0.5 | SSW | 3 | bc | 53 | 97 | 7 | 5 | 7 | 4 | 2-3 | 4000 | 1 | 63 | 48 | 42 | 0 | 0 | 10.3 | | | |
| | Thorney Island | 10 | 1003.9 | -0.2 | SW | 3 | b | 58 | 85 | 7 | 4 | 6 | 2-3 | 2-3 | 4000 | 1004.5 | +0.6 | SW | 4 | bc/pr | 58 | 85 | 8 | 3 | 6 | 1 | 2-3 | 2500 | 1 | 63 | 54 | 57 | 0 | 0 | 12.8 | | |
| | Lympe | 346 | 1006.3 | +0.2 | SW | 2 | b | 56 | 85 | 8 | 2 | 6 | 3 | 2-3 | 4000 | 1006.7 | +0.4 | SW | 1 | c/pr | 55 | 97 | 7 | 3 | 6 | 3 | 4-6 | 7-8 | 1200 | 1 | 63 | 52 | 49 | 5 | 5 | 12.8 | |
| | Manston | 154 | 1004.8 | -0.4 | SW | 2 | b | 56 | 92 | 6 | 5 | 6 | 2-3 | 2-3 | 4000 | 1005.3 | +0.5 | SW | 2 | c | 53 | 92 | 8 | 3 | 3 | 3 | 4-6 | 4000 | 1 | 63 | 52 | 50 | 1 | 1 | 11.8 | | |
| 2 | Shoeburyness | 11 | 1005.4 | +0.8 | SW | 3 | b | 58 | 85 | 8 | 4 | 3 | 1 | 1 | 4000 | 1005.4 | +0.8 | SW | 3 | b | 58 | 85 | 8 | 4 | 3 | 1 | 1 | 4000 | 1 | 67 | 55 | 49 | 0 | 0 | 11.3 | | |
| | Felixstowe | 15 | 1003.6 | -0.2 | SW | 4 | b | 60 | 85 | 8 | 5 | 4 | Tr | Tr | 4000 | 1004.3 | +0.7 | SW | 3 | bc | 58 | 85 | 8 | 1 | 4 | 1 | 4-6 | 4-6 | 2000 | 1 | 67 | 57 | 53 | 0 | 0 | 12.3 | |
| | Corleston | 5 | 1003.4 | -0.2 | S | 4 | b | 56 | 85 | 7 | 4 | 0 | Tr | Tr | 1000 | 1004.0 | +0.6 | SW | 4 | bc | 57 | 95 | 7 | 1 | 4 | 3 | 2-3 | 4-6 | 2000 | 0 | 67 | 55 | 49 | 0 | 0 | 9.6 | |
| | Mildenhall | 19 | 1002.0 | -0.6 | SW | 3 | b | 54 | 92 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | bc | 55 | 92 | 8 | 1 | 1 | 1 | 2-3 | 4000 | 0 | 67 | 53 | 47 | Tr | Tr | 9.6 | | | |
| | Cranwell | 240 | 1000.7 | -0.2 | SW | 4 | b | 51 | 92 | 6 | 5 | 1 | 1 | 1 | 3000 | 1001.3 | +0.6 | SW | 4 | bc | 55 | 85 | 8 | 5 | 3 | 2-3 | 4-6 | 4000 | 0 | 62 | 49 | 48 | Tr | Tr | 7.3 | | |
| 3 | Birmingham | 535 | 1001.8 | -0.2 | SSW | 3 | b | 53 | 97 | 7 | 4 | 1 | 1 | 2000 | 1001.5 | +0.3 | SW | 3 | c | 52 | 92 | 8 | 5 | 7 | 1 | 2-3 | 7-8 | 800 | 1 | 62 | 49 | 47 | 6 | 0.2 | 7.1 | | |
| | Upper Heyford | 408 | 1001.8 | -0.2 | SSW | 3 | b | 53 | 97 | 7 | 4 | 1 | 1 | 2000 | 1002.5 | +0.7 | SW | 3 | bc | 52 | 97 | 7 | 8 | 4 | 1 | 4-6 | 4-6 | 1000 | 1 | 62 | 48 | 45 | 8 | 1 | 0 | | |
| | Ross-on-Wye | 223 | 1001.8 | -0.2 | SSW | 3 | b | 53 | 97 | 7 | 4 | 1 | 1 | 2000 | 1001.4 | +0.4 | SW | 3 | c | 55 | 92 | 7 | 8 | 4 | 1 | 4-6 | 7-8 | 2500 | 1 | 62 | 51 | 47 | 1 | 1 | 7.5 | | |
| 5 | Hartland Point | 299 | 1001.1 | -0.2 | WSW | 5 | bc | 57 | 85 | 8 | 2 | 4-6 | 4-6 | 1500 | 1001.0 | +0.2 | SW | 4 | c | 56 | 85 | 8 | 2 | 4 | 3 | 2-3 | 9+ | 1200 | 0 | 60 | 55 | 54 | 0 | 0 | 9.3 | | |
| | Bristol | 209 | 1002.6 | +0.2 | S | 4 | bc | 53 | 92 | 8 | 3 | 2-3 | 4-6 | 3000 | 1002.8 | +0.2 | SSW | 4 | c | 55 | 85 | 8 | 8 | 3 | 2 | 2-3 | 7-8 | 3000 | 1 | 60 | 51 | 41 | 3 | Tr | 8.6 | | |
| | Portland Bill | 32 | 1003.6 | +0.6 | SW | 4 | bc | 58 | 92 | 8 | 5 | 4-6 | 4-6 | 4000 | 1003.9 | +0.3 | SW | 5 | c | 58 | 92 | 8 | 2 | 1 | 7-8 | 9 | 4000 | 1 | 61 | 56 | 50 | 0 | 0 | 8.6 | | | |
| | Plymouth | 82 | 1004.0 | +0.2 | SW | 4 | b | 56 | 92 | 8 | 5 | 1 | Tr | 1 | 4500 | 1003.6 | 0 | WSW | 3 | c | 57 | 92 | 7 | 8 | 1 | 9+ | 9+ | 1200 | 0 | 61 | 55 | 52 | 0 | Tr | 9.7 | | |
| | The Lizard | 240 | 1003.8 | -0.2 | WS | 4 | bc | 55 | 97 | 8 | 8 | 1 | 2-3 | 2-3 | 2500 | 1003.6 | +0.4 | W | 4 | bc | 55 | 92 | 8 | 8 | 6 | 1-6 | 4-6 | 2500 | 0 | 63 | 53 | 53 | 0.5 | 0.5 | 9.4 | | |
| | Scilly (St. Mary's) | 163 | 1003.3 | 0 | WS | 2 | bc/pr | 54 | 92 | 8 | 8 | 2-3 | 2-3 | 1500 | 1002.6 | 0 | WS | 4 | c | 56 | 92 | 8 | 8 | 7 | 1 | 4-6 | 9+ | 1500 | 1 | 63 | 53 | 53 | 0.3 | 2 | 8.3 | | |
| | Guernsey | 175 | 1003.3 | 0 | WS | 2 | bc/pr | 54 | 92 | 8 | 8 | 2-3 | 2-3 | 1500 | 1002.6 | 0 | WS | 4 | c | 56 | 92 | 8 | 8 | 7 | 1 | 4-6 | 9+ | 1500 | 1 | 63 | 53 | 53 | 0.3 | 2 | 8.3 | | |
| 6 | Pembroke | 142 | 1000.7 | -0.4 | WSW | 5 | bc | 57 | 92 | 7 | 8 | 2-3 | 2-3 | 2500 | 999.7 | 0 | SW | 5 | c/r | 56 | 85 | 7 | 8 | 1 | 9 | 9 | 2500 | 1 | 61 | 54 | 50 | 0.5 | 3 | 9.5 | | | |
| 7 | Holyhead (Valley) | 26 | 997.5 | 0 | SW | 4 | c | 56 | 92 | 7 | 8 | 3+ | 3+ | 3000 | 997.1 | +0.2 | SSW | 5 | c/r | 57 | 92 | 8 | 9 | 2 | 4-6 | 9+ | 600 | 1 | 61 | 55 | 53 | Tr | 0.5 | 0 | | | |
| | Chester (Sealand) | 16 | 999.0 | +0.2 | SSE | 2 | bc | 52 | 92 | 6 | 5 | 4 | 4-6 | 7-8 | 4000 | 999.0 | +0.2 | SSE | 2 | bc | 54 | 85 | 6 | 5 | 5 | 9 | 9+ | 5500 | 0 | 67 | 51 | 46 | Tr | Tr | 6.8 | | |
| | Manchester | 70 | 999.0 | -0.2 | S | 2 | bc | 52 | 92 | 7 | 5 | 4 | 5 | 2-3 | 3000 | 999.3 | +0.2 | SSE | 3 | bc | 53 | 92 | 6 | 5 | 7 | 9 | 9+ | 4500 | 1 | 62 | 50 | 46 | 1 | 0.3 | 6.0 | | |
| 10 | Spurn Head | 29 | 999.9 | +0.2 | SSW | 4 | bc | 54 | 92 | 7 | 7 | 2-3 | 2-3 | 5700 | 1000.3 | 0 | SW | 4 | bc | 55 | 85 | 7 | 1 | 4 | 1 | 2-3 | 5700 | 0 | 65 | 52 | 50 | 0 | 0 | 7.8 | | | |
| | Catterick | 175 | 998.9 | +0.2 | 0 | bc | 46 | 92 | 7 | 5 | 1 | 2-3 | 2-3 | 5000 | 999.0 | +0.2 | SSE | 2 | c/r | 52 | 92 | 6 | 5 | 7 | 1 | 7-8 | 9+ | 2500 | 1 | 64 | 45 | 41 | 0 | Tr | 9.4 | | |
| | Tynemouth | 108 | 997.9 | +0.2 | S | 3 | bc | 51 | 85 | 7 | 3 | 1 | 0 | 2-3 | 0 | 0 | 0 | 0 | c | 51 | 85 | 6 | 8 | 1 | 9 | 9 | 2200 | 1 | 62 | 50 | 47 | 0 | 0 | 7.4 | | | |
| 11 | St. Abbs Head | 280 | 995.7 | +1.0 | SW | 4 | bc | 49 | 97 | 8 | 4 | 2-3 | 2-3 | 2500 | 995.9 | +0.2 | SW | 5 | c/r | 51 | 92 | 8 | 5 | 7 | 1 | 7-9 | 9+ | 2500 | 1 | 57 | 49 | 45 | Tr | 1 | 0 | | |
| | Leuchars | 36 | 994.4 | +0.8 | SW | 3 | b | 50 | 92 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | c/pr | 48 | 97 | 7 | 5 | 1 | 9+ | 9+ | 1800 | 1 | 58 | 45 | 39 | 1 | Tr | 0.3 | | | |
| 12 | Rentfrew (Abbots L.) | 19 | 995.9 | +0.2 | WS | 1 | bc | 47 | 97 | 7 | 5 | 4-6 | 4-6 | 2000 | 995.8 | +0.2 | ENE | 1 | ir | 50 | 97 | 4 | 5 | 1 | 10 | 10 | 1400 | 1 | 58 | 46 | 38 | 1 | 3 | 0.6 | | | |
| | Eskdalemuir | 794 | 996.3 | 0 | SW | 2 | c | 55 | 85 | 8 | 4 | 4-6 | 9+ | 2500 | 996.1 | 0 | S | 3 | c/r | 51 | 97 | 6 | 5 | 1 | 10 | 10 | 450 | 1 | 56 | 49 | 47 | 2 | 2 | 1.3 | | | |
| | Point of Ayre | 30 | 996.3 | 0 | SW | 2 | c | 55 | 85 | 8 | 4 | 4-6 | 9+ | 2500 | 996.0 | 0 | SSW | 3 | c | 56 | 85 | 8 | 5 | 4 | 5 | 4-6 | 9+ | 2500 | 0 | 63 | 52 | 50 | 0.3 | 7 | 5.9 | | |
| 13A | Tiree | 22 | 995.4 | 0 | 0 | 0 | 0 | 52 | 92 | 8 | 8 | 9+ | 9+ | 2100 | 995.2 | 0 | 0 | 0 | c/pr | 52 | 92 | 8 | 8 | 1 | 7-8 | 7-8 | 1800 | 1 | 55 | 50 | 50 | 0 | 2 | 0.4 | | | |
| 13B | Stornoway | 80 | 992.8 | 0 | WNW | 4 | bc | 53 | 92 | 7 | 7 | 7-8 | 10 | 1000 | 992.5 | +0.2 | SW | 3 | c | 52 | 92 | 8 | 5 | 7 | 9 | 4-6 | 9+ | 1500 | 1 | 55 | 51 | 51 | 5 | 5 | 0.4 | | |
| 15 | Dalwhinnie | 1176 | 994.7 | +0.6 | SW | 3 | bc | 52 | 92 | 7 | 5 | 9+ | 9+ | 1500 | 994.7 | +0.6 | SW | 3 | bc | 48 | 97 | 7 | 5 | 1 | 9+ | 9+ | 1500 | 1 | 50 | 47 | 46 | 4 | 0.4 | 0.0 | | | |
| | Aberdeen | 79 | 995.4 | +0.4 | WSW | 3 | c | 52 | 97 | 6 | 5 | 2 | 7-8 | 9+ | 2000 | 995.4 | +0.4 | WS | 1 | bc | 49 | 85 | 8 | 5 | 4 | 2-3 | 2-3 | 5500 | 1 | 57 | 48 | 42 | 6 | 1 | 0.0 | | |
| | Wick | 119 | 988.3 | +1.0 | WSW | 3 | c | 52 | 97 | 6 | 5 | 2 | 7-8 | 9+ | 2000 | 992.4 | +1.1 | SSW | 3 | c | 52 | 92 | 9 | 5 | 7 | 8 | 4-6 | 9+ | 4000 | 1 | 51 | 51 | 49 | 0 | 0 | 0.0 | |
| 16 | Sumburgh | 30 | 988.3 | -0.4 | SE | 2 | c | 54 | 92 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 17th. August | | | | 13h. G.M.T. | | | | 01h. G.M.T. 18th. August | | | | 07h. G.M.T. | | | |
|--------------------------|----------------|--------------------|-------|----------------|--------------------|-------|----------------|--------------------------|-------|----------------|--------------------|-------------|----------------|--------------------|-------|
| III | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN |
| 109 | 87 | 81755 | 16225 | 87 | 02854 | 15484 | 5- | 02765 | 18325 | 5- | 02676 | 00027 | | | |
| 115 | 87 | 02844 | 20567 | 77 | 02844 | 20426 | 54 | 01853 | 18424 | 52 | 02944 | 16227 | | | |
| 203 | 6- | 02837 | 24527 | 5- | 02937 | 20427 | | | | | | | | | |
| 206 | 8- | 25067 | 24287 | 84 | 02966 | 22387 | 8- | 01864 | 22224 | 87 | 81955 | 24187 | | | |
| 210 | 8- | 25955 | 32886 | 83 | 02954 | 06187 | 5- | 02966 | 00027 | 54 | 01962 | 21114 | | | |
| 220 | 87 | 02846 | 25387 | 53 | 01944 | 23215 | | | | 82 | 82736 | 22488 | | | |
| 230 | 83 | 02854 | 25115 | 87 | 25966 | 00087 | 5- | 01854 | 00014 | 81 | 02844 | 16288 | | | |
| 245 | 06 | 10744 | 18366 | 97 | 02765 | 16387 | 50 | 05663 | 20213 | 86 | 01962 | 23213 | | | |
| 260 | 07 | 81856 | 16188 | 9- | 81744 | 16187 | 50 | 05661 | 22211 | 50 | 01873 | 20214 | | | |
| 278 | 8- | 02847 | 16367 | 86 | 10845 | 28386 | 50 | 00852 | 22282 | 5- | 61867 | 20367 | | | |
| 279 | 83 | 25855 | 18486 | 86 | 02954 | 19486 | 00 | 00890 | 22200 | 87 | 02755 | 24116 | | | |
| 285 | | | | | | | | | | 23 | 01743 | 24214 | | | |
| 288 | 07 | 02755 | 16427 | 97 | 82634 | 22327 | 53 | 05655 | 17315 | 07 | 01890 | 18113 | | | |
| 575 | 87 | 25847 | 04287 | 8- | 02855 | 32485 | 5- | 81646 | 24286 | 57 | 63655 | 20368 | | | |
| 901 | 07 | 05645 | 18387 | 26 | 01954 | 24495 | 23 | 02754 | 24286 | 2- | 01855 | 26115 | | | |
| 321 | 37 | 81640 | 18488 | 19 | 02753 | 18485 | | 05690 | 18316 | 03 | 05690 | 16115 | | | |
| 299 | 87 | 01754 | 24415 | 87 | 28744 | 20394 | 50 | 05655 | 20315 | 57 | 05654 | 20217 | | | |
| 292 | 87 | 02765 | 16327 | 87 | 25754 | 18285 | 5- | 05664 | 16314 | 53 | 01873 | 22114 | | | |
| 310 | | | | | | | | | | -- | 03438 | 26448 | | | |
| 614 | 02 | 81646 | 53487 | 96 | 02744 | 53486 | | | | 5- | 05638 | 20268 | | | |
| 333 | 23 | 02844 | 52486 | 23 | 02854 | 52526 | 5- | 02856 | 20226 | 10 | 00951 | 24111 | | | |
| 334 | | | | | | | | | | -- | 02645 | 10186 | | | |
| 340 | 2- | 25855 | 18687 | 39 | 01954 | 53495 | 51 | 01755 | 16315 | 04 | 01890 | 26212 | | | |
| 136 | 21 | 02854 | 18416 | 96 | 81744 | 18397 | 57 | 61773 | 16488 | 02 | 61774 | 16267 | | | |
| 336 | | | | | | | | | | 14 | 01862 | 16313 | | | |
| 350 | 37 | 82656 | 85587 | 87 | 25754 | 17487 | 02 | 62678 | 18368 | 52 | 62764 | 00065 | | | |
| 368 | | | | | | | | | | | | | | | |
| 379 | 33 | 25844 | 18487 | 93 | 02844 | 18327 | 6- | 63638 | 20368 | 03 | 49190 | 24243 | | | |
| 390 | 80 | 02855 | 18416 | 47 | 02854 | 20487 | 57 | 61644 | 18367 | 62 | 64437 | 20268 | | | |
| 382 | 23 | 25854 | 10386 | 87 | 02955 | 18427 | 52 | 64667 | 14268 | 54 | 00841 | 30122 | | | |
| 488 | 8- | 25755 | 20687 | | | | | | | 42 | 45218 | 53668 | | | |
| 430 | 36 | 25854 | 53585 | 89 | 02845 | 53427 | 5- | 64638 | 00068 | 96 | 81635 | | | | |
| 409 | 23 | 02854 | 21526 | 57 | 02842 | 20428 | 5- | 00742 | 00012 | 26 | 01945 | 23216 | | | |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C, C_M - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Monday 18th August 1941. |
|---------------------------------|--|
| 1 S.E. England | |
| 2 E. England ... | |
| 3 E. Midlands ... | Moderate west wind backing S.W. Bright intervals. Showers. |
| 4 W. Midlands ... | Local thunderstorms. Cool. |
| 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. | Moderate S. to S.W. wind. Bright intervals. Showers. Local thunderstorms. Cool. |
| 13A. W. Scotland | |
| 13B. 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 | Moderate west wind backing S.W. to S. Bright intervals and showers today. Rain spreading from west tomorrow. Cool. |

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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 = Warm Front on the Surface
 = Warm Front above the ground
 = Cold Front on the surface
 = Cold Front above the ground
 = Occluded Front (or Occlusion)
 = Warm Occlusion
 = Cold Occlusion
 = Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.
 A depression is centred to N.W. of Scotland and a small centre over S.E. England is expected to move N.E. and then N. There will be showers in all districts with local thunderstorms but also bright intervals. Rain is likely in Ireland late in Period.

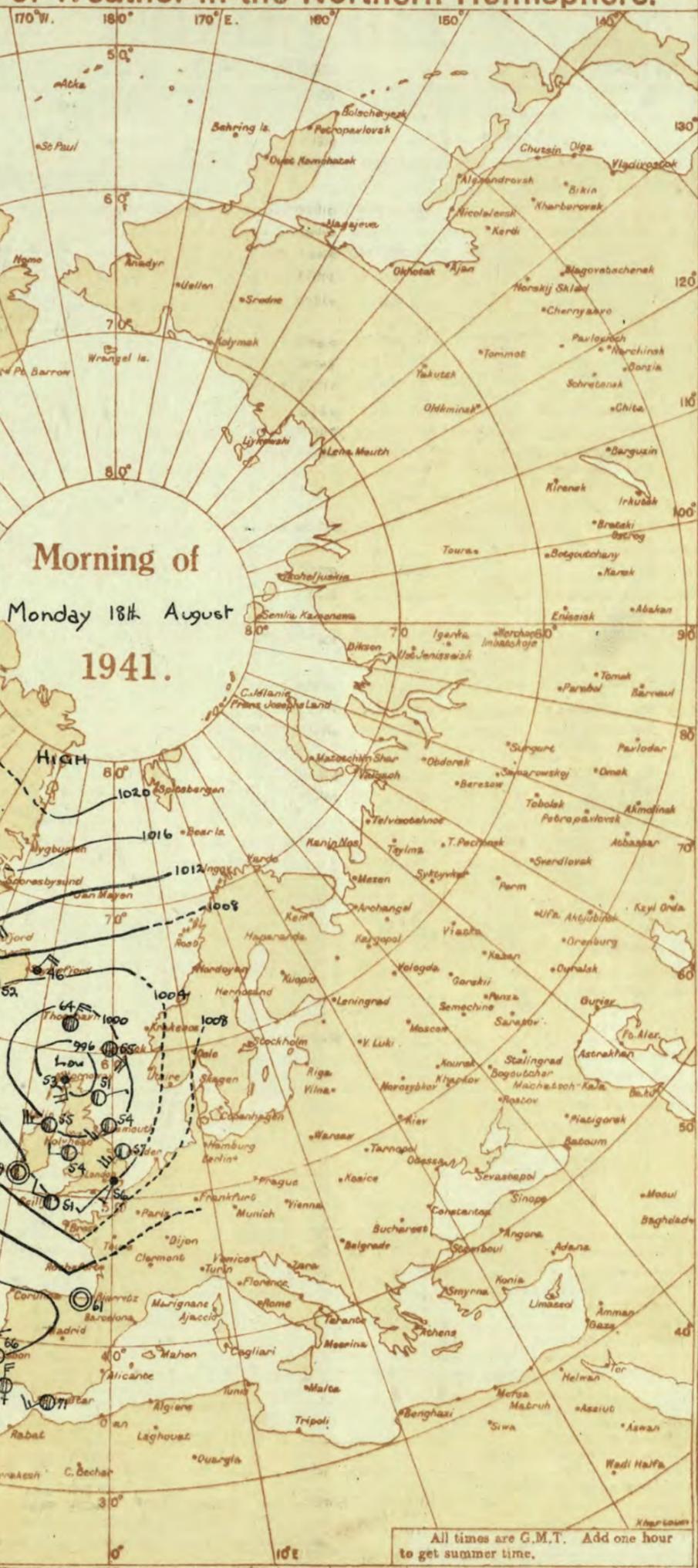
FURTHER OUTLOOK.
 Rain spreading from the west.

Forecasts issued at 10.30h. G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S. Director.
 H.M.S.O. Press, Meteorological Office, Dunstable. 6.208/4120. No. 6176. D. 6054. Op. 946. 3200. 3/41

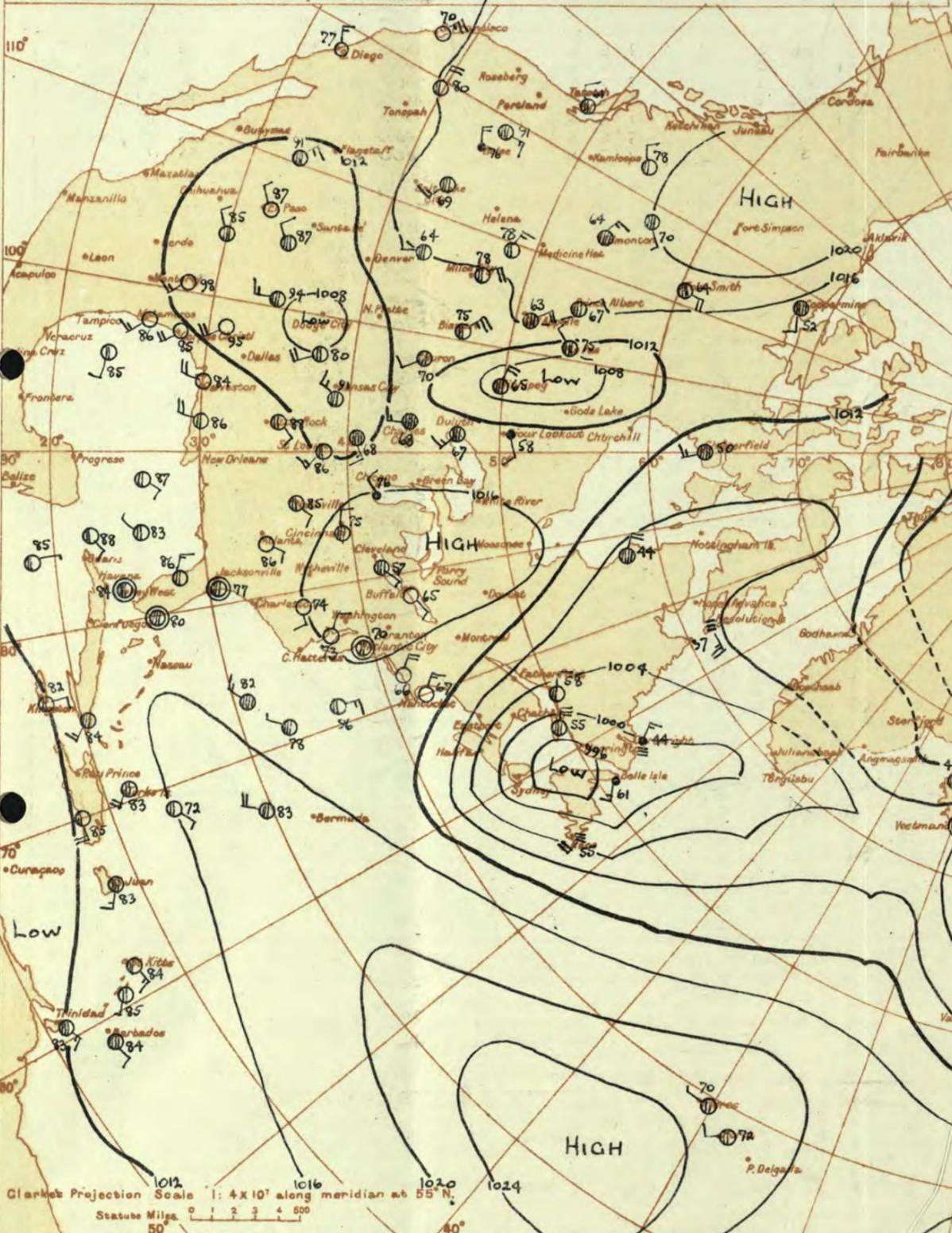
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
Monday 18th August
1941.



Glass's Projection Scale 1: 4 x 10⁷ 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. Δ Hail. Fog. ≡ Mist. ≡ Thunder. (E) Thunderstorm. K Slight haze. ∞
 Hours of observation:—Azores, Greenland, Ships, oh, G.M.T. America and Europe, mainly th, G.M.T.; U.S.S.R. (Europe and Asia), th, local time.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table of weather observations at 1 hr. G.M.T., 7 hr. G.M.T., and Past 24 Hours. Columns include Station, Height, Barom., Change, Wind, Weather, Temp., Humid., Cloud, Visibility, and Temperature/Rainfall for the last 24 hours.

LONDON OBSERVATIONS table with columns for Height, Weather, Temperature, Rainfall, Humidity, and Atmospheric Pollution.

Table with columns for Morning, Afternoon, Night, Day Max, Night Min, Min on Grass, Rainfall, Sun-shine, Humidity, and Visibility.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed codes for barometric tendency, wind scale, visibility, and sea state.

FOREIGN OBSERVATIONS table listing weather data for stations like Reykjavik, Lisbon, Madrid, Cairo, Toronto, and Washington.

Table with columns for Evening of 17th August, Morning of 18th August, and Past 24 Hours, including Barom., Wind, Weather, Temp., and Rainfall.

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

SECRET
BRITISH SECTION
Tuesday 15th August 1941.
No. 29125

OBSERVATIONS at 13h. G.M.T. 15th August

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

PAST 24 HOURS.

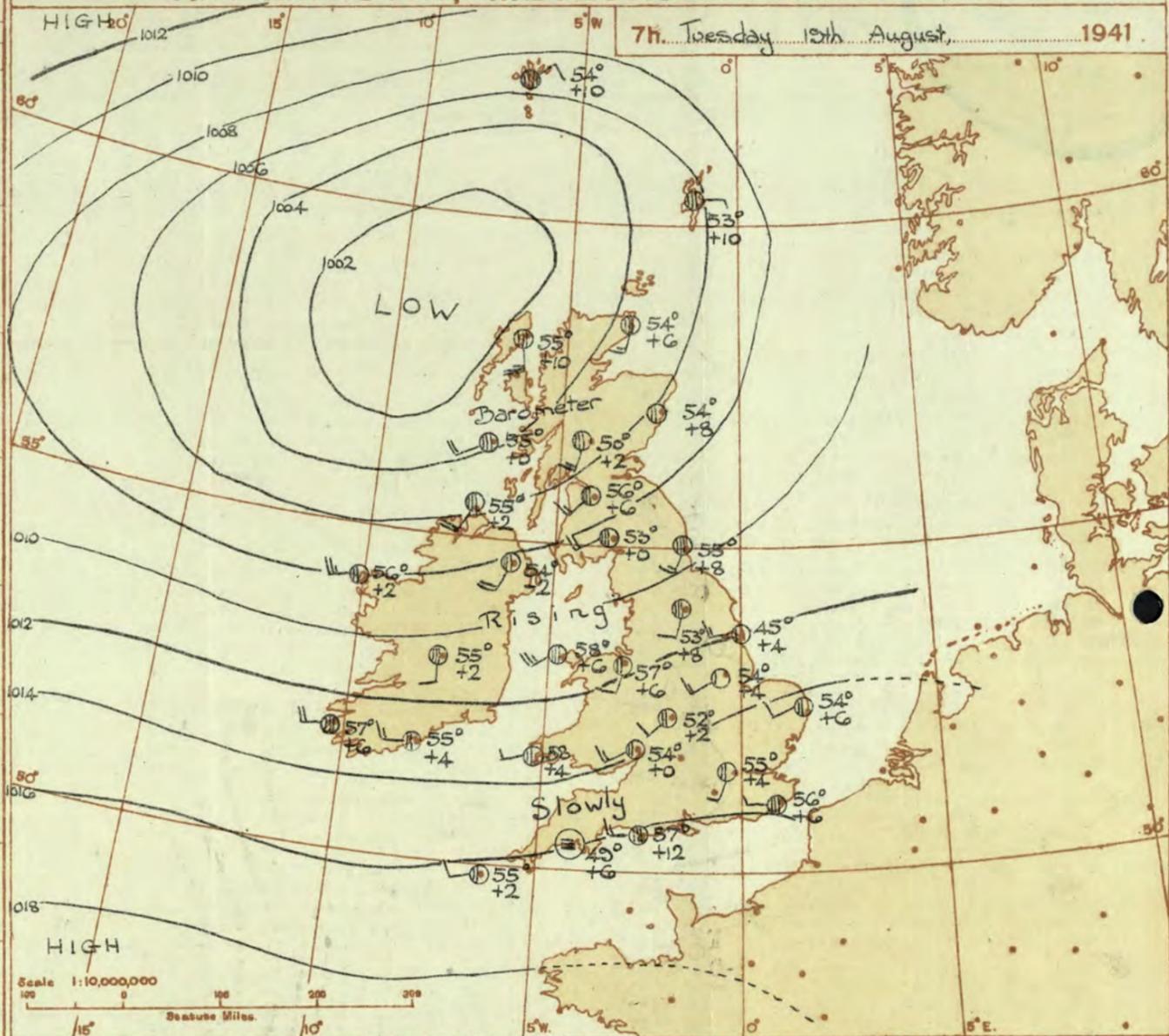
| DIRECTION | STATIONS.
(For heights see p. 4.) | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. (3-4) | | Weather. (5) | Temp. °F. (6) | °C. (7) | Humid. % (8) | Visibility. (9) | Cloud. (10-14) | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. (17-18) | | Weather. (19) | Temp. °F. (20) | °C. (21) | Humid. % (22) | Visibility. (23) | Cloud. (24-28) | | | | State of Ground. (29) | Sea. (30) | WEATHER. (31-34) | | | | | |
|-----------|--------------------------------------|----------------------|------------------------|-------------|--------|--------------|---------------|---------|--------------|-----------------|----------------|---------|------------------------|------|-----------------------|-------------------------|---------------|-------|---------------|----------------|----------|---------------|------------------|----------------|------------------------|---------------|----------------|-----------------------|-----------|------------------|--------------|---------|----------|---------|------|
| | | | | Dir. | Force. | | | | | | Form. | Amount. | Height of Base (feet). | Dir. | | | Force. | Form. | | | | | | Amount. | Height of Base (feet). | 7h.-13h. 15th | 13h.-18h. 15th | | | 18h. 15th | 1h.-7h. 15th | | | | |
| | | | | Low. | Med. | | | | | | High. | Low. | Total. | Low. | | | Med. | High. | | | | | | Low. | Total. | 0-9 | 0-9 | | | 0-9 | 0-9 | | | | |
| 1 | London (Kew)... | 1009.2 | +2.4 | SW | 3 | c | 64 | 65 | 8 | 8 | - | 7-8 | 7-8 | 2500 | 1012.2 | +1.0 | SW | 3 | bc | 63 | 65 | 8 | 8 | - | 4-6 | 4-6 | 2500 | 1 | * | cg m bec | cbc | bcbw | bcbmw | | |
| | Croydon ... | 1009.2 | +3.2 | WNW | 2 | c/pr | 63 | 75 | 8 | 3 | 3 | 4-6 | 3 | 2500 | 1012.1 | +1.8 | SSW | 2 | c | 61 | 75 | 8 | 3 | 3 | - | 1 | 7-8 | 2500 | 1 | * | ngf ppg | cprgc | c, bcbmw | bfbcbmw | |
| | S. Farnborough | 1009.7 | +2.6 | WSW | 4 | c | 66 | 66 | 8 | 8 | 6 | 4-6 | 7-8 | 3000 | 1012.4 | +1.8 | SW | 3 | bc | 62 | 75 | 8 | 5 | 3 | - | 2-3 | 4-6 | 2000 | 1 | * | cg bevc | cprbc | bc pscbw | bcmbcb | |
| | Boscombe Down | 1009.8 | +2.2 | WNW | 3 | c/pr | 65 | 65 | 8 | 8 | 6 | 7-8 | 3 | 2500 | 1012.6 | - | SW | 2 | bc | 57 | 8 | 8 | 3 | - | 3 | 3 | 2500 | 1 | * | bcj p | bc | bcbmw | bcmbcb | | |
| | Thorney Island | 1010.4 | +2.4 | SW | 4 | bc | 66 | 75 | 8 | 2 | 6 | 2-3 | 4-6 | 2500 | 1013.0 | +1.0 | SWW | 3 | bc | 62 | 85 | 8 | 1 | 4 | - | 2-3 | 2-3 | 2500 | 0 | * | bcj p bc | bc bcb | bcbmw | bcmbcb | |
| | Lympe | 1010.2 | +4.8 | W | 3 | c | 64 | 65 | 8 | 8 | 6 | 7-8 | 3 | 1500 | 1013.8 | +1.0 | WSW | 2 | bc | 61 | 76 | 8 | 2 | 6 | - | 1 | 2-3 | 3500 | 1 | * | cg Dyv | cve beb | bc | bcmbcb | |
| | Manston | 1008.7 | +5.0 | WN | 4 | bc | 67 | 65 | 7 | 2 | - | 4-6 | 4-6 | 2500 | 1012.2 | +1.0 | WSW | 4 | bc | 62 | 65 | 8 | 2 | 6 | - | 2-3 | 4-6 | 3000 | 1 | * | pg bc | bc bcb | bc bcbw | bc bcbw | |
| 2 | Shoeburyness ... | 1005.3 | +4.0 | WS | 3 | bc | 64 | 65 | 7 | 8 | - | 4-6 | 4-6 | 2500 | 1012.2 | +1.8 | SW'S | 3 | bc | 62 | 75 | 8 | 2 | 4 | - | 4-6 | 4-6 | 4000 | 1 | * | cprgc | ybc | bc | bc | |
| | Felixstowe ... | 1007.3 | +3.8 | WNW | 4 | bc | 63 | 75 | 8 | 2 | - | 4-6 | 4-6 | 2000 | 1010.7 | +1.8 | W | 1 | ctlr | 63 | 75 | 8 | 3 | - | - | 3 | 3 | 2000 | 1 | 2 | ctlr gc | bc bcb | bc bcbw | bc bcbw | |
| | Gorleston ... | 1007.0 | +2.0 | WNW | 4 | c | 61 | 75 | 7 | 8 | - | 3 | 3 | 1400 | 1011.3 | +1.2 | SW'S | 2 | bc | 66 | 65 | 7 | 2 | 3 | - | 2-3 | 4-6 | 2500 | 1 | 3 | pr gc | cprgc | bc bcbw | bc bcbw | |
| | Mildenhall ... | 1007.2 | +2.4 | WN | 3 | c | 65 | 75 | 8 | 8 | - | 7-8 | 7-8 | 2000 | 1010.6 | +1.8 | WSW | 3 | c | 62 | 75 | 8 | 8 | 6 | - | 4-6 | 7-8 | 2500 | 1 | * | omr gc | cbe pr | b | bcmbcb | |
| | Cranwell ... | 1006.8 | +1.8 | WSW | 3 | bc | 66 | 65 | 8 | 2 | 6 | 4-6 | 4-6 | 2500 | 1009.7 | +1.8 | W | 3 | bc | 65 | 45 | 8 | 2 | - | - | 2-3 | 2-3 | 3000 | 0 | * | bc bcb | bc y | bc ybw | bmo | |
| 3 | Birmingham | 1007.7 | +1.4 | W | 2 | c | 66 | 45 | 8 | 8 | 5 | 7-8 | 7-8 | 4000 | 1010.1 | +1.4 | SW | 2 | bc | 62 | 65 | 8 | 8 | 6 | - | 4-6 | 4-6 | 2500 | 1 | * | b bc | cprgc | bcb prb | bcbm of | |
| | Upper Heyford | 1008.0 | +2.2 | WS | 3 | c | 65 | 55 | 8 | 8 | 7 | 7-8 | 7-8 | 2100 | 1010.3 | +1.0 | WN | 3 | pr | 62 | 65 | 8 | 8 | 6 | - | 7-8 | 7-8 | 2100 | 1 | * | cm cbc | bcc | b | bcbw | |
| | Ross-on-Wye ... | 1008.2 | +1.4 | WS | 4 | bc | 67 | 45 | 8 | 3 | - | 4-6 | 4-6 | 4000 | 1010.8 | +1.2 | W | 3 | b | 63 | 65 | 8 | 2 | - | - | 1 | 1 | 4000 | 0 | * | b bc | bcc pb | b | bcbw | |
| 5 | Hartland Point | 1010.6 | +2.2 | W | 3 | bc | 66 | 75 | 8 | 2 | 4 | 2-3 | 2-3 | 1800 | 1012.0 | +6 | W | 3 | bc | 60 | 75 | 8 | 2 | - | - | 4-6 | 4-6 | 1500 | 0 | 3 | bc bc | bc | bcb | bcbw | |
| | Bristol ... | 1009.6 | +1.6 | W | 3 | bc | 66 | 65 | 8 | 8 | 3 | 2-3 | 4-6 | 2800 | 1012.1 | +4.4 | W | 4 | b | 61 | 65 | 8 | 8 | - | - | 1 | 1 | 3000 | 1 | * | bc | bc bcb | bcbw | bcbw | |
| | Portland Bill ... | 1010.6 | +1.8 | SW | 4 | bc | 66 | 85 | 8 | 2 | - | 4-6 | 4-6 | 4000 | 1012.6 | +1.2 | SW | 4 | bc | 59 | 85 | 8 | 2 | - | - | 4-6 | 4-6 | 4000 | 1 | 5 | bc bc | bc bc | bcbw | bcbw | |
| | Plymouth ... | 1011.4 | +1.4 | WSW | 4 | bc | 61 | 85 | 8 | 2 | 3 | 4-6 | 4-6 | 2500 | 1013.5 | +1.6 | SWW | 4 | bc | 60 | 85 | 8 | 7 | - | - | 4-6 | 4-6 | 3000 | 0 | 3 | bc bc | bc | bcbw | bcbw | |
| | The Lizard ... | 1011.4 | +1.4 | W | 4 | bc | 64 | 75 | 8 | 2 | - | 2-3 | 2-3 | 3500 | 1013.5 | +1.4 | W | 3 | bc | 62 | 75 | 8 | 2 | 6 | - | 2-3 | 2-3 | 3500 | 1 | 3 | bc | bc | bcbw | bcbw | |
| | Scilly (St. Mary's) | 1011.6 | +1.8 | WS | 3 | bc | 64 | 75 | 7 | 2 | 4 | 2-3 | 4-6 | 1500 | 1013.4 | +1.0 | WN | 3 | bc | 61 | 85 | 8 | 8 | - | - | 2-3 | 2-3 | 1500 | 1 | 3 | bc | bc | bcbw | bcbw | |
| | Guernsey ... | 1011.6 | +1.8 | WS | 3 | bc | 64 | 75 | 7 | 2 | 4 | 2-3 | 4-6 | 1500 | 1013.4 | +1.0 | WN | 3 | bc | 61 | 85 | 8 | 8 | - | - | 2-3 | 2-3 | 1500 | 1 | 3 | bc | bc | bcbw | bcbw | |
| 6 | Pembroke ... | 1010.1 | +1.8 | WSW | 3 | bc | 65 | 85 | 8 | 2 | 4 | 2-3 | 2-3 | 3000 | 1011.8 | +6 | WSW | 5 | bc | 59 | 85 | 8 | 2 | 4 | - | 2-3 | 2-3 | 3000 | 1 | 3 | bc | bc | bcbw | bcbw | |
| | Holyhead (Valley) | 1007.1 | +1.4 | SSW | 4 | c | 61 | 75 | 8 | 8 | 6 | 1 | 7-8 | 3000 | 1008.5 | +4 | SW | 5 | c/pr | 59 | 75 | 8 | 8 | - | - | 3 | 3 | 2500 | 1 | 2 | bc bc | bc bc | bcbw | bcbw | |
| | Chester (Sealand) | 1007.1 | +1.8 | NW | 3 | c | 63 | 55 | 8 | 8 | 4 | 7-8 | 7-8 | 2000 | 1008.3 | +1.0 | SW | 3 | bc | 64 | 55 | 8 | 7 | 5 | 8 | - | 1 | 2-3 | 2500 | 0 | * | bc bc | bc y | bc | bcbw |
| | Manchester ... | 1006.8 | +1.4 | W | 4 | c | 62 | 65 | 8 | 8 | 6 | 7-8 | 7-8 | 2000 | 1008.1 | +1.4 | SWW | 4 | bc | 63 | 55 | 8 | 1 | 4 | - | 2-3 | 4-6 | 3500 | 0 | * | bc | bc | bcbw | bcbw | |
| 10 | Spurn Head ... | 1006.5 | +1.2 | WNW | 3 | c | 63 | 65 | 7 | 8 | - | 3 | 3 | 4000 | 1008.7 | +1.0 | WSW | 3 | bc | 64 | 65 | 7 | 2 | - | - | 2-3 | 2-3 | 5700 | 0 | 3 | c | bc | bcbw | bcbw | |
| | Catterick ... | 1006.1 | +1.0 | WSW | 4 | c | 65 | 45 | 8 | 8 | 7 | 4-6 | 7-8 | 3000 | 1008.4 | +2.4 | WS | 3 | bc | 60 | 65 | 8 | 8 | 6 | 1 | 4-6 | 4-6 | 3500 | 0 | * | bc bc | bc y | bcbw | bcbw | |
| | Tynemouth ... | 1004.4 | +1.2 | W | 4 | c | 63 | 55 | 7 | 8 | - | 7-8 | 7-8 | 3000 | 1007.0 | +1.2 | SW | 4 | c | 61 | 57 | 7 | 8 | - | - | 7-8 | 7-8 | 3000 | 1 | 2 | bc y | bc | bcbw | bcbw | |
| 11 | St. Abbs Head | 1001.8 | +1.0 | SW | 4 | c | 61 | 65 | 8 | 7 | - | 4-6 | 7-8 | 2500 | 1004.4 | +4.8 | SW | 5 | bc | 57 | 85 | 8 | 8 | 4 | - | 4-6 | 3 | 2500 | 1 | 3 | c | bc | bcbw | bcbw | |
| | Leuhars ... | 1001.1 | +8 | WSW | 5 | c | 63 | 65 | 7 | 8 | - | 4-6 | 7-8 | 2500 | 1008.2 | +4.8 | SW | 4 | c/pr | 59 | 75 | 8 | 8 | 7 | - | 7-8 | 3 | 2500 | 1 | * | bc bc | cprgc | bcbw | bcbw | |
| 12 | Renfrew (Abbots L.) | 1002.6 | +1.2 | SW'S | 3 | c | 58 | 85 | 8 | 5 | 7 | 3 | 3 | 2000 | 1004.5 | +1.4 | SWW | 2 | c/pr | 59 | 75 | 7 | 8 | 6 | 1 | 3 | 3 | 1400 | 1 | * | bc bc | cprgc | bcbw | bcbw | |
| | Eakdalemuir ... | 1003.0 | +8 | SW | 4 | c | 58 | 75 | 8 | 8 | - | 7-8 | 7-8 | 2500 | 1006.5 | +1.0 | SW | 4 | bc | 54 | 85 | 7 | 6 | - | - | 3 | 3 | 800 | 1 | * | c | bc | bcbw | bcbw | |
| | Point of Ayre ... | 1004.7 | +1.0 | WS | 5 | c | 63 | 65 | 8 | 2 | 4 | 4-6 | 3 | 2500 | 1006.8 | +2.0 | WS | 4 | pr | 59 | 75 | 8 | 8 | 7 | - | 7-8 | 3 | 4000 | 0 | 4 | c | bc | bcbw | bcbw | |
| 13A | Three ... | 1000.8 | +2.0 | WSW | 3 | c/pr | 59 | 85 | 7 | 8 | - | 3 | 3 | 1500 | 1002.3 | +8 | SWW | 4 | c | 56 | 85 | 8 | 5 | - | - | 3 | 3 | 1800 | 0 | 0 | cpr | bc | bcbw | bcbw | |
| | Stornoway ... | 998.0 | +1.8 | S | 5 | pr | 55 | 32 | 8 | 8 | 7 | 7-8 | 3 | 1200 | 1000.6 | +4 | SW | 4 | c | 57 | 85 | 8 | 8 | 7 | 8 | - | 4-6 | 7-8 | 1200 | 1 | 2 | cpr | bc | bcbw | bcbw |
| 15 | Dalwhinnie ... | 1000.4 | +1.0 | SW | 3 | c | 53 | 85 | 8 | 5 | 1 | - | 7-8 | 10 | 1500 | 1003.7 | +1.8 | SW | 3 | c/pr | 53 | 85 | 8 | 5 | 4 | - | 7-8 | 3 | 1500 | 1 | * | cpr | bc | bcbw | bcbw |
| | Aberdeen ... | 1000.6 | +3.0 | SW | 2 | c/pr | 63 | 65 | 8 | 3 | 7 | 2-3 | 7-8 | 2100 | 1002.5 | +1.4 | SSW | 3 | bc | 60 | 65 | 7 | 8 | 4 | - | 7-8 | 7-8 | 3500 | 0 | 2 | bc bc | bc bc | bcbw | bcbw | |
| | Wick ... | 999.0 | +1.0 | SW | 2 | c | 61 | 65 | 8 | 3 | 6 | 1 | 3 | 3000 | 1001.2 | +1.0 | S | 3 | c/pr | 57 | 85 | 8 | 3 | 2 | 7 | 8 | 3 | 3000 | 0 | * | bc | bc | bcbw | bcbw | |
| | Sumburgh ... | 999.5 | +1.0 | SW | 3 | c | 58 | 82 | 8 | 5 | 7 | 4-6 | 3 | 1000 | 1007.2 | +1.6 | S | 3 | c | 55 | 82 | 8 | 1 | 3 | 4 | - | 1 | 7-8 | 2500 | * | * | bc | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 12th August 18h. G.M.T. | | | | 01h. G.M.T. 13th August 07h. G.M.T. | | | | | | | |
|-------------------------------------|----------------|--------------------|-------|-------------------------------------|--------------------|-------|----------------|--------------------|-------|-------|-------|
| III | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | | |
| 1097 | 02344 | 16325 | 97 | 02854 | 17327 | 50 | 00752 | 16282 | 7- | 01863 | 16314 |
| 1152 | 01844 | 20287 | 82 | 01834 | 18387 | 52 | 02864 | 20327 | 52 | 01844 | 20386 |
| 203 | | | 8- | 01836 | 16566 | 8- | 01848 | 16428 | 5- | 01838 | 16485 |
| 20687 | 01000 | 18487 | 86 | 02964 | 24586 | 8- | 01864 | 22224 | 87 | 02964 | 18225 |
| 21087 | 02965 | 30127 | 84 | 02964 | 20385 | 50 | 01864 | 18214 | 53 | 01963 | 17224 |
| 220 | | | 83 | 02845 | 23485 | | | | 82 | 02736 | 21588 |
| 230 | 022747 | 19487 | 82 | 01846 | 20488 | 9- | 02538 | 22388 | 83 | 02856 | 20387 |
| 2452 | 02965 | 18427 | 86 | 01863 | 20424 | 5- | 05563 | 24113 | 53 | 05684 | 20217 |
| 2605 | 02856 | 22426 | | | | 50 | 01864 | 20414 | 74 | 01864 | 20414 |
| 27857 | 02754 | 21367 | 87 | 01855 | 21387 | 8- | 02747 | 20287 | 54 | 02837 | 16287 |
| 27981 | 00864 | 22417 | 87 | 02754 | 20385 | 50 | 01764 | 22414 | 8- | 02847 | 20487 |
| 28523 | 01864 | 24515 | 23 | 02745 | 24527 | | | | 23 | 02744 | 22586 |
| 2885 | 02854 | 22425 | 80 | 01862 | 22324 | 50 | 01763 | 18213 | 57 | 02666 | 18386 |
| 575 | | | 87 | 00844 | 24485 | 40 | 01755 | 24585 | 57 | 02866 | 22227 |
| 8024 | 01051 | 23414 | 23 | 01951 | 22415 | 53 | 02754 | 22486 | 93 | 02855 | 22386 |
| 828 | 05655 | 24315 | 26 | 01763 | 24314 | 54 | 05671 | 22312 | 03 | 05690 | 22215 |
| 20987 | 01754 | 14115 | 17 | 01753 | 23303 | 50 | 05652 | 23202 | 57 | 05655 | 22216 |
| 29277 | 01954 | 20314 | 14 | 01962 | 22312 | 50 | 05662 | 18202 | 57 | 05564 | 16127 |
| 310 | 01655 | 26415 | -- | 01753 | 26413 | | | | | | |
| 61436 | 01864 | 28315 | 80 | 00752 | 24212 | 54 | 05561 | 00001 | 50 | 11482 | 00042 |
| 8320 | 01000 | 20316 | 83 | 01864 | 20414 | 5- | 02858 | 20388 | 53 | 01743 | 18314 |
| 834 | 02753 | 28314 | -- | 02858 | 28316 | | | | -- | 28636 | 20287 |
| 8406 | 01964 | 24315 | 36 | 00941 | 22312 | 50 | 01764 | 18314 | 88 | 01864 | 14285 |
| 13686 | 02855 | 24315 | 26 | 01763 | 20383 | 00 | 00790 | 20200 | 04 | 05690 | 21201 |
| 336 | | | | | | | | | 52 | 02763 | 20217 |
| 35086 | 01765 | 26366 | 84 | 02865 | 24185 | 00 | 00690 | 18200 | 04 | 05690 | 18202 |
| 36826 | 01963 | 22413 | 24 | 01853 | 22313 | | | | | | |
| 37080 | 02845 | 22385 | 23 | 01853 | 20323 | 00 | 00790 | 16100 | -- | 48109 | 20349 |
| 39086 | 02755 | 25416 | 86 | 01753 | 22183 | 50 | 05574 | 19114 | 50 | 43374 | 16144 |
| 38286 | 02855 | 23225 | 23 | 01863 | 22214 | 04 | 05690 | 00000 | | | |
| 43886 | 01864 | 28615 | | | | | | | | | |
| 43086 | 01855 | 20485 | 86 | 00951 | 20312 | 50 | 01744 | 00014 | 88 | 01753 | 00043 |
| 400 | | | 87 | 01943 | 21314 | 50 | 00742 | 20212 | 83 | 01854 | 17115 |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C, C_M - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th August, 1941. |
|---------------------------------|---|
| 1 S.E. England | Light to moderate W.S.W. wind. Fine at first but scattered |
| 2 E. England ... | thunderstorms or thundery showers breaking out this afternoon. Clear |
| 3 E. Midlands ... | periods again tonight. Temperature near or slightly below normal. |
| 4 W. Midlands ... | |
| 5 S.W. England | |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | Mainly moderate southwesterly winds. Cloudy with occasional showers, |
| 9 N. Midlands ... | some bright intervals. Rather cool. |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13A. W. Scotland | |
| 13B. N.W. Scotland | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | Moderate or fresh W. wind backing S.W. later. Showers and bright intervals at first. More general rain late in period. Rather cool. |
| 18 N. E. Ireland | As 8-16. |
| 19 S. E. Ireland | |
| 20 S. W. Ireland | As 17. |

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.

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

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

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

GENERAL INFERENCE.

A depression centred off N.W. Scotland is almost stationary and is filling up slowly. There will be bright intervals in all districts with some local thunderstorms or thundery showers. A disturbance at present well out on the Atlantic will probably bring rain into western Ireland tomorrow.

FURTHER OUTLOOK.

Unsettled conditions continuing with rain or showers at times in most districts.

Forecasts issued at 10.30h. G.M.T.

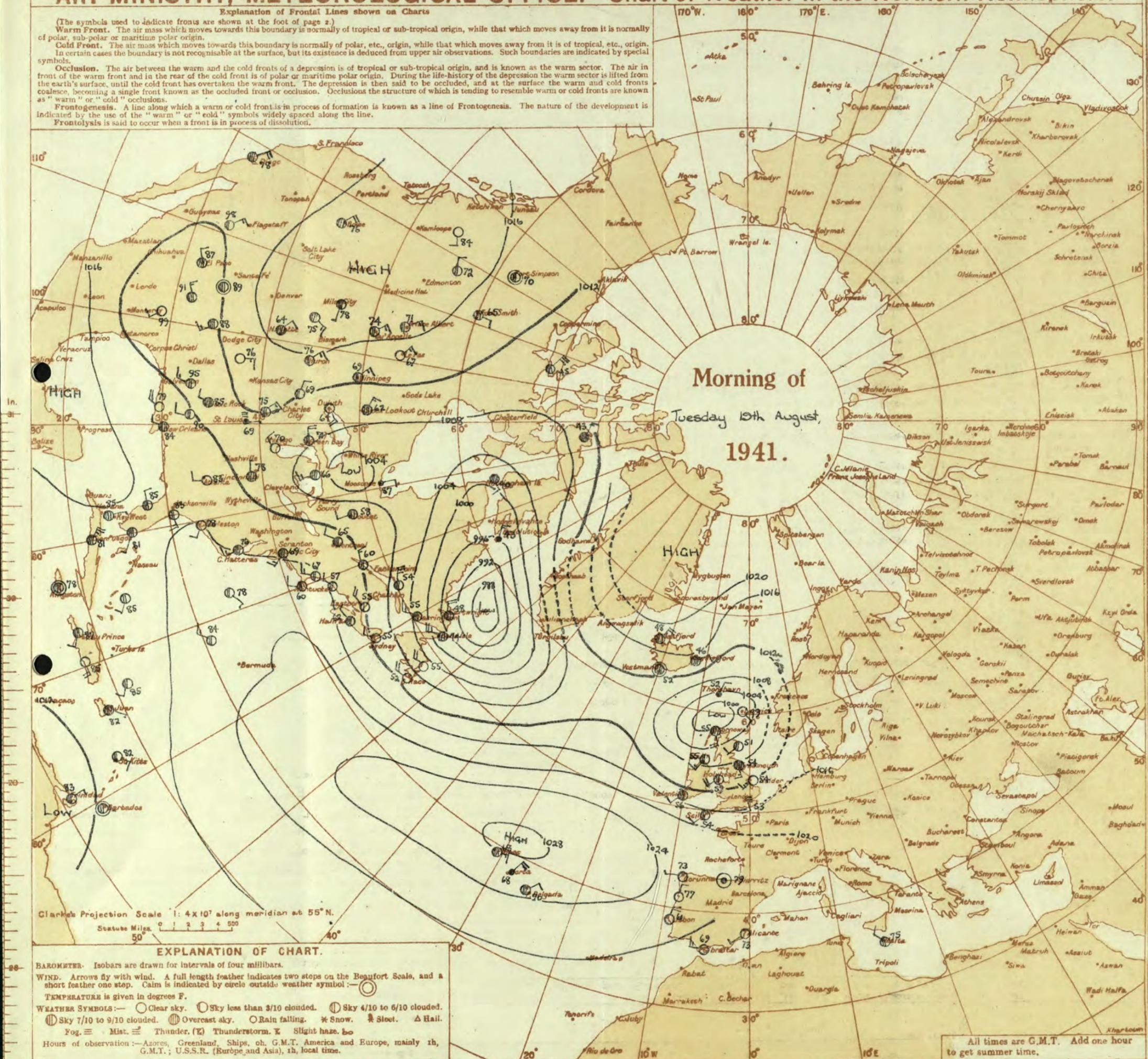
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Meteorological Office, Dunstable. 6.202/4120. No. 8/76. D. 6034. 6p. 340. 3300. 5/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Clarke's Projection Scale 1:4x10⁷ along meridian at 55° N.
 Statute Miles 0 1 2 3 4 500
 50° 40°

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows by 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 5/10 clouded. ⊕ Sky 7/10 to 9/10 clouded. ⊕ Overcast sky. ○ Rain falling. * Snow. † Sleet. △ Hail. Fog. ≡ Mist. ⚡ Thunder. (⚡) Thunderstorm. X Slight haze. ☁
 Hours of observation: —Azores, Greenland, Ships, etc. G.M.T. America and Europe, mainly 1h, G.M.T.; U.S.S.R. (Europe and Asia), 1h, local time.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 10th August | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 10th August | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | |
|--|---------------------|------------------------------|----------------------|------------------------|--------|--------|---------------|--------------|-----------------|----------|-------|---------|----------------------------|--|-------------------------|--------|--------|----------------|---------------|------------------|----------|-------|---------|----------------------------|-----------------------|--------------|--------------------------|----------------------------|------------------------|---------------------|-----------------------|------|-------------------|------|-------|------|------|-------|
| District. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Temp. °F. (6) | Humid. % (7) | Visibility. (8) | Cloud. | | | | Barom. at station. (15) | Change in 3 hours. (16) | Wind. | | Temp. °F. (20) | Humid. % (21) | Visibility. (22) | Cloud. | | | | State of Ground. (29) | TEMPERATURE. | | | | | RAINFALL. | | SUNSHINE Hr. (36) | | | | | |
| | | | | | Direc. | Force. | | | | Weather. | Form. | Amount. | Height of Base (feet) (14) | | | Direc. | Force. | | | | Weather. | Form. | Amount. | Height of Base (feet) (28) | | Sea. (30) | 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. | | Med. | High. | Low. | Med. | High. |
| 1 | London (Kew) | 18 | 1015.1 | +6 | SW | 2 | bc | 56 | 92 | 6 | 5 | 3 | 6 | 1 | 4-6 | 2500 | 1 | 66 | 51 | 39 | 0.1 | - | 7.9 | | | | | | | | | | | | | | | |
| | Croydon | 217 | 1015.3 | +4 | SSW | 1 | bc | 55 | 92 | 7 | 5 | 3 | 4 | 1 | 0 | 2-3 | 1 | 68 | 51 | 49 | 0.1 | Tr | 6.2 | | | | | | | | | | | | | | | |
| | S. Farnborough | 226 | 1015.3 | +2 | WSW | 2 | bc | 55 | 97 | 8 | 5 | 3 | 4 | Tr | 4-6 | 3000 | 1 | 68 | 49 | 39 | 0.1 | 0.1 | 8.0 | | | | | | | | | | | | | | | |
| | Boscombe Down | 417 | 1015.6 | +6 | - | 0 | bc | 51 | 97 | 7 | 5 | 7 | 2 | 1 | 4-6 | 1000 | 1 | 67 | 47 | 36 | - | 1 | 6.2 | | | | | | | | | | | | | | | |
| | Thorney Island | 10 | 1015.7 | +2 | NNW | 1 | bc | 54 | 97 | 6 | 2 | 6 | 3 | Tr | 1 | 2500 | 3 | 66 | 45 | 38 | - | - | - | | | | | | | | | | | | | | | |
| | Lymington | 346 | 1016.4 | +6 | W | 1 | c | 56 | 97 | 7 | 8 | 3 | - | 2-3 | 7-8 | 3000 | 1 | 67 | 48 | 40 | - | - | 7.6 | | | | | | | | | | | | | | | |
| | Manston | 154 | 1015.7 | +8 | SW | 1 | m | 55 | 97 | 4 | 8 | - | - | 1 | 9 | 3000 | 1 | 68 | 51 | 48 | 0.6 | Tr | 7.5 | | | | | | | | | | | | | | | |
| 2 | Shoeburyness | 11 | 1015.6 | +4 | SW | 2 | bc | 58 | 92 | 6 | - | 3 | - | 2-3 | 4-6 | - | 1 | 69 | 53 | 43 | - | - | 5.6 | | | | | | | | | | | | | | | |
| | Felixstowe | 16 | 1014.7 | +8 | WSW | 2 | bc | 56 | 97 | 6 | 4 | 4 | - | Tr | 1 | 4000 | 1 | 69 | 53 | 49 | - | - | 5.5 | | | | | | | | | | | | | | | |
| | Gorleston | 5 | 1014.8 | +6 | SW | 2 | bc | 54 | 85 | 6 | - | 3 | - | 0 | 2-3 | - | 1 | 67 | 51 | 48 | 0 | - | - | | | | | | | | | | | | | | | |
| | Mildenhall | 19 | 1014.3 | +6 | SW | 3 | b | 54 | 92 | 7 | - | 7 | - | 0 | 1 | - | 0 | 68 | 49 | 39 | 3 | Tr | 5.5 | | | | | | | | | | | | | | | |
| | Cranwell | 240 | 1013.1 | +4 | SW | 3 | b | 54 | 85 | 6 | - | 8 | - | 0 | Tr | - | 0 | 68 | 48 | 46 | - | - | 10.1 | | | | | | | | | | | | | | | |
| 3 | Birmingham | 535 | 1013.9 | +2 | SW | 2 | bc | 52 | 85 | 8 | 7 | 5 | 5 | 1 | 2-3 | 4000 | 1 | 67 | 48 | 45 | 0.3 | - | 9.8 | | | | | | | | | | | | | | | |
| | Upper Heyford | 408 | 1013.9 | +2 | SW | 1 | f | 49 | 97 | 2 | 5 | - | 10 | 10 | 150 | 1 | 71 | 44 | 44 | 0.2 | Tr | - | | | | | | | | | | | | | | | | |
| | Ross-on-Wye | 223 | 1014.0 | 0 | SW | 3 | bc | 54 | 85 | 7 | 5 | - | 2 | 4-6 | 4-6 | 4000 | 0 | 67 | 47 | 39 | 0.2 | Tr | 9.7 | | | | | | | | | | | | | | | |
| 5 | Hartland Point | 299 | 1013.8 | +2 | W | 4 | bc | 57 | 85 | 8 | 8 | - | 1 | 7-8 | 7-8 | 2000 | 0 | 63 | 53 | 53 | - | 0.5 | 10.5 | | | | | | | | | | | | | | | |
| | Bristol | 209 | 1014.8 | +6 | SSW | 3 | b | 53 | 85 | 7 | 5 | - | Tr | Tr | 2100 | 1 | 66 | 52 | 45 | - | - | 11.3 | | | | | | | | | | | | | | | | |
| | Portland Bill | 32 | 1014.3 | +6 | SW | 3 | bc | 58 | 92 | 8 | 2 | 4 | - | 4-6 | 7-8 | 3000 | 1 | 61 | 54 | 45 | - | - | - | | | | | | | | | | | | | | | |
| | Plymouth | 82 | 1016.0 | +6 | - | 0 | b | 51 | 97 | 7 | 5 | - | 1 | 1 | 4000 | 1 | 64 | 47 | 39 | - | - | 10.4 | | | | | | | | | | | | | | | | |
| | The Lizard | 240 | 1015.5 | +6 | W | 3 | bc | 54 | 97 | 8 | 4 | - | 4-6 | 4-6 | 2500 | 0 | 65 | 53 | 47 | - | - | 12.4 | | | | | | | | | | | | | | | | |
| | Scilly (St. Mary's) | 163 | 1015.6 | +2 | WS | 2 | b | 54 | 97 | 8 | 5 | - | 1 | 1 | 1500 | 1 | 64 | 53 | 47 | - | - | 11.4 | | | | | | | | | | | | | | | | |
| | Guernsey | 175 | 1015.7 | +2 | WS | 2 | b | 54 | 97 | 8 | 5 | - | 1 | 1 | 1500 | 1 | 64 | 53 | 47 | - | - | 11.4 | | | | | | | | | | | | | | | | |
| 6 | Pembroke | 142 | 1013.2 | +4 | WS | 5 | bc | 57 | 92 | 7 | 7 | - | 2-3 | 2-3 | 3000 | 1013.7 | +4 | WSW | 1 | bc | 58 | 85 | 8 | 2 | 4 | 3 | 2-3 | 4-6 | 3000 | 0 | 3 | 62 | 56 | - | - | 11.6 | | |
| | Holyhead (Valley) | 26 | 1010.5 | +2 | WSW | 4 | bc | 57 | 85 | 8 | 5 | 6 | - | 4-6 | 4-6 | 3000 | 1011.1 | +6 | SW | 5 | c | 58 | 85 | 8 | 8 | 4 | 1 | 4-6 | 7-8 | 4000 | 0 | 2 | 63 | 53 | 52 | Tr | - | |
| | Chester (Sealand) | 16 | 1011.7 | +6 | SW | 2 | c | 57 | 85 | 7 | 5 | - | 7-8 | 7-8 | 3000 | 1012.2 | +6 | SW | 2 | bc | 57 | 75 | 8 | 8 | 4 | 8 | 4-6 | 4-6 | 2500 | 0 | 68 | 53 | 48 | - | - | 12.3 | | |
| | Manchester | 70 | 1011.7 | +6 | S | 2 | bc | 51 | 92 | 6 | 5 | - | 2-3 | 2-3 | 4000 | 1012.2 | +6 | S | 3 | bc | 54 | 85 | 6 | 8 | 3 | - | 2-3 | 4-6 | 3000 | 0 | 68 | 51 | 48 | Tr | - | 10.8 | | |
| 10 | Spurn Head | 29 | 1011.6 | +6 | SW | 3 | b | 54 | 75 | 7 | - | 4 | - | 0 | 1 | - | 1011.9 | +4 | WSW | 3 | b | 45 | 85 | 7 | - | 4 | - | 0 | 1 | - | 0 | 2 | 66 | 51 | 47 | Tr | - | 6.1 |
| | Catterick | 175 | 1010.4 | +4 | S | 1 | b | 52 | 92 | 7 | 5 | - | 1 | 1 | 5500 | 1011.3 | +8 | SSW | 2 | c/pr | 53 | 92 | 7 | 8 | 7 | - | 7-8 | 9+ | 2500 | 0 | 65 | 51 | 47 | - | Tr | 9.4 | | |
| | Tynemouth | 108 | 1008.9 | +4 | S | 3 | bc | 54 | 85 | 7 | - | 4 | - | 0 | 2-3 | - | 1009.7 | +8 | SSW | 3 | c | 55 | 85 | 6 | 8 | - | 7-8 | 7-8 | 2000 | 1 | 2 | 65 | 52 | 49 | - | - | - | |
| 11 | St. Abbs Head | 280 | 1007.0 | +4 | SW | 4 | bc | 51 | 92 | 7 | 4 | 4 | - | 2-3 | 2-3 | 2500 | 1007.8 | +10 | SW | 4 | c | 53 | 92 | 8 | 5 | 4 | - | 4-6 | 7-8 | 2500 | 0 | 2 | 63 | 50 | 45 | Tr | Tr | 5.4 |
| | Leuchars | 36 | 1006.0 | +6 | WSW | 2 | bc | 53 | 92 | 6 | 5 | - | 7-8 | 7-8 | 2500 | 1007.0 | +6 | SW | 3 | bc | 54 | 92 | 7 | 8 | 7 | - | 4-6 | 4-6 | 2500 | 1 | 64 | 51 | 45 | Tr | Tr | 5.4 | | |
| | Renfrew (Abbots L.) | 19 | 1007.2 | +6 | WSW | 2 | m/d | 55 | 92 | 4 | 5 | - | 4-6 | 4-6 | 1500 | 1007.5 | +6 | SW | 3 | bc | 56 | 85 | 6 | 8 | 3 | - | 7-8 | 9+ | 1500 | 1 | 61 | 54 | 49 | 0.6 | 0.1 | 2.0 | | |
| | Eskdalemuir | 794 | 1008.8 | +4 | WS | 3 | bc | 55 | 85 | 8 | 4 | - | 4-6 | 4-6 | 3000 | 1008.6 | +0 | SW | 4 | c | 53 | 92 | 6 | 5 | - | 10 | 10 | 800 | 1 | 59 | 49 | 45 | 5 | 2 | 1.4 | | | |
| | Point of Ayre | 30 | 1008.8 | +4 | WS | 3 | bc | 55 | 85 | 8 | 4 | - | 4-6 | 4-6 | 3000 | 1008.3 | +2 | WS | 3 | c | 54 | 92 | 8 | 4 | 4 | - | 7-8 | 7-8 | 3500 | 0 | 2 | 67 | 51 | 45 | Tr | Tr | 7.5 | |
| 13A | Tiree | 22 | 1003.7 | +6 | SW | 4 | bc | 54 | 92 | 7 | 5 | - | 4-6 | 4-6 | 2500 | 1003.4 | 0 | SW | 4 | c | 55 | 85 | 8 | 3 | - | 4-6 | 7-8 | 2100 | 0 | 4 | 60 | 53 | 45 | 2 | - | 3.7 | | |
| | Stornoway | 80 | 1002.3 | +6 | S | 4 | c | 55 | 85 | 7 | 5 | 7 | - | 7-8 | 3 | 1500 | 1003.2 | +10 | S | 5 | c | 55 | 92 | 7 | 8 | 7 | 8 | 4-6 | 9 | 1800 | 1 | 3 | 59 | 53 | 45 | 2 | 5 | 2.2 |
| 15 | Dalwhinnie | 1176 | 1006.1 | +2 | SSW | 3 | c | 50 | 85 | 8 | 8 | - | 4-6 | 7-8 | 1500 | 1006.1 | +2 | SSW | 3 | c | 50 | 85 | 8 | 8 | 3 | - | 4-6 | 7-8 | 1500 | 1 | 56 | 49 | 45 | 0.5 | 1 | 1.1 | | |
| | Aberdeen | 79 | 1006.4 | +2 | SSW | 3 | c | 54 | 85 | 7 | 5 | 9 | - | 4-6 | 7-8 | 3100 | 1004.7 | +6 | SW | 3 | bc | 54 | 85 | 7 | 5 | 9 | 1 | Tr | 7-8 | 3100 | 0 | 2 | 64 | 52 | 47 | Tr | Tr | 9.0 |
| | Wick | 119 | 1003.8 | +4 | SW | 1 | c | 52 | 85 | 8 | 5 | 7 | - | 4-6 | 7-8 | 4000 | 1004.7 | +6 | SW | 3 | c | 54 | 85 | 8 | 4 | 3 | 4-6 | 7-8 | 4000 | 0 | + | 46 | 46 | 46 | + | + | + | |
| | Sumburgh | 30 | 1004.1 | +6 | SE | 3 | c | 54 | 92 | 8 | 5 | 7 | - | 7-8 | 10 | 2500 | 005.1 | +10 | E | 1 | c | 53 | 97 | 8 | 5 | - | 9 | 9 | 6000 | + | + | 56 | 49 | 37 | + | + | + | |
| 17 | Blackod Point | 18 | 1007.8 | 0 | W | 4 | c/pr | 54 | 92 | 8 | 8 | - | 9+ | 9+ | 2500 | 1008.0 | +2 | WS | 5 | bc | 56 | 92 | 8 | 3 | - | 4 | 2-3 | 4-6 | 2500 | 1 | 4 | 61 | 53 | 45 | 4 | 2 | + | |
| | Malin Head | 84 | 1005.8 | +4 | SSW | 3 | bc | 55 | 92 | 7 | 8 | - | 4-6 | 4-6 | 2500 | 1005.4 | +2 | SW | 4 | c | 54 | 92 | 8 | 9 | - | 5 | 4-6 | 7-8 | 5700 | 0 | 4 | 60 | 51 | 43 | 1 | 1 | 4.6 | |
| | Aldergrove | 268 | 1008.4 | 0 | SW | 3 | bc | 54 | 92 | 7 | 5 | - | 4-6 | 4-6 | 2500 | 1008.2 | -2 | SW | 4 | c/pr | 54 | 92 | 8 | 9 | 3 | - | 7-8 | 9 | 500 | 1 | 62 | 51 | 49 | 4 | 2 | 2.2 | | |
| 19 | Birr Castle | 173 | 1010.3 | +2 | SSE | 1 | bc | 54 | 92 | 8 | 5 | - | 2-3 | 2-3 | 2500 | 1010.4 | +2 | S | 2 | c | 55 | 85 | 8 | 5 | 7 | - | 7-8 | 7-8 | 2500 | 1 | 64 | 54 | 49 | 1 | - | 8.1 | | |
| | Valentia Obay. | 30 | 1012.8 | +2 | SW | 2 | c/pr | 56 | 92 | 8 | 8 | - | 9 | 9 | 1500 | 1013.0 | +6 | W | 4 | c | 57 | 92 | 8 | 8 | - | 9+ | 9+ | 2500 | 1 | 4 | 62 | 54 | 49 | Tr | 3 | 11.5 | | |
| | Roches Point | 22 | 1013.0 | +4 | W | 3 | b | 53 | 92 | 8 | 5 | - | 1 | 1 | 4000 | 1012.6 | +4 | W | 3 | bc | 55 | 97 | 8 | 3 | - | 1 | 4-6 | 4-6 | 2500 | 1 | 3 | 64 | 52 | 45 | 0.4 | Tr | - | |

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Page 1.
AIR 1985
MINISTRY
LIBRARY

| OBSERVATIONS at 13h. G.M.T. 12th August | | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 12th August | | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | |
|---|---------------------|---------------|-------------------|-------|--------|-----------|----------|-----------------|--------|---------|-----------------------|------------------|-------------------|--------|---|-----------|----------|-----------------|--------|---------|-----------------------|------------------|----------|----------|-----------|-----------|---------|------|------|----------------|------|------|-------|-----|-----|-----|-----|----|----|----|
| District | Stations | Barom. M.S.L. | Change in 3 hours | Wind. | | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | Barom. at M.S.L. | Change in 3 hours | Wind. | | Temp. °F. | Humid. % | Visibility. 0-9 | Cloud. | | | State of Ground. | WEATHER. | | | | | | | | | | | | | | | | | |
| | | | | Dir. | Force. | | | | Form. | Amount. | Height of Base (feet) | | | Dir. | Force. | | | | Form. | Amount. | Height of Base (feet) | | Sec. | 7h.-13h. | 13h.-18h. | 18h. 1240 | 1h.-7h. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High. | Low. | Med. | High. | 0-9 | 0-9 | 0-9 | 0-9 | | | |
| 1 | London (Kew) ... | 1014.3 | -4 | WSW | 2 | 62 | 75 | 8 | 4 | 4-6 | 7-8 | 2500 | 1014.5 | +6 | SSW | 2 | 58 | 92 | 8 | 3 | - | 0 | 9 | 1500 | 1 | * | bca | wpr | cb | ae | rg | cl | r | cl | bc | bc | n | w | | |
| | Croydon ... | 1014.8 | -4 | WSW | 3 | 66 | 55 | 8 | 6 | 3 | 7-8 | 3 | 3000 | 1014.8 | +2 | W | 3 | 57 | 85 | 6 | 9 | 7 | - | 7-8 | 9 | 2000 | 1 | * | b | ps | cy | bc | sp | cl | Pr | b | c | | | |
| | S. Farnborough | 1014.8 | -8 | WSW | 3 | 67 | 55 | 8 | 2 | - | 4-6 | 7-8 | 3000 | 1014.3 | 0 | SSW | 2 | 56 | 92 | 7 | 3 | - | 9 | 9 | 1500 | 1 | * | b | cy | bc | Pr | pr | bc | pr | bc | bc | bc | bc | | |
| | Boscombe Down | 1015.2 | -8 | WSW | 4 | 65 | 55 | 8 | 8 | - | 7-8 | 7-8 | 3000 | 1014.7 | -2 | WNW | 2 | 57 | 85 | 8 | 8 | 6 | - | 7-8 | 9 | 2500 | 1 | * | b | cc | pr | bc | pr | bc | pr | bc | bc | bc | bc | |
| | Thorney Island | 1015.8 | -4 | WSW | 3 | 66 | 55 | 8 | 2 | 6 | 1 | 2-3 | 4000 | 1015.0 | -4 | WSW | 4 | 62 | 75 | 8 | 2 | 6 | - | 2-3 | 2-3 | 4000 | 0 | * | z | b | bc | bc | bc | bc | bc | bc | bc | bc | bc | |
| | Lymington | 1016.0 | -4 | WSW | 2 | 65 | 55 | 8 | 3 | 3 | 3 | 3 | 2500 | 1016.0 | +4 | WSW | 2 | 61 | 75 | 8 | 2 | 6 | 3 | - | 7 | 7 | 3500 | 1 | * | ch | pr | pr | bc | pr | bc | pr | bc | pr | bc | pr |
| | Manston | 1015.0 | -6 | - | 0 | 60 | 55 | 8 | 3 | 6 | 7 | 3 | 2000 | 1014.3 | +2 | WSW | 2 | 62 | 55 | 9 | 2 | 6 | 3 | - | 7 | 7 | 3000 | 1 | * | cm | PR | bc | bc | bc | bc | bc | bc | bc | bc | |
| 2 | Shoeburyness ... | 1014.7 | -8 | SSW | 2 | 66 | 55 | 8 | 8 | - | 4-6 | 4-6 | 4000 | 1014.2 | 0 | SSW | 3 | 64 | 65 | 8 | 1 | 7 | 8 | 2 | 4 | 4000 | 0 | * | b | ps | bc | bc | bc | bc | bc | bc | bc | bc | bc | |
| | Felixstowe | 1013.6 | -10 | SW | 3 | 67 | 65 | 7 | 2 | 6 | 3 | 2-3 | 4-6 | 3000 | 1013.0 | -2 | SWS | 3 | 66 | 65 | 8 | 3 | 1 | 4-6 | 7-8 | 4000 | 1 | 2 | b | ps | bc | bc | bc | bc | bc | bc | bc | bc | bc | |
| | Gorleston | 1014.5 | -2 | WSW | 2 | 66 | 65 | 7 | 2 | - | 4-6 | 4-6 | 3000 | 1013.5 | -4 | W | 2 | 66 | 65 | 7 | 2 | 3 | - | 4-6 | 4-6 | 3000 | 0 | 3 | b | cc | bc | bc | bc | bc | bc | bc | bc | bc | bc | |
| | Mildenhall | 1013.3 | -2 | SW | 4 | 66 | 65 | 8 | 2 | 7 | 2 | 4-6 | 7-8 | 3000 | 1012.4 | -6 | WSW | 3 | 64 | 75 | 8 | 3 | 6 | - | 2-3 | 4-6 | 3000 | 0 | * | b | bc | bc | bc | bc | bc | bc | bc | bc | bc | bc |
| | Cranwell | 1012.5 | -6 | SW | 3 | 62 | 65 | 7 | 8 | - | 3 | 3 | 3500 | 1011.8 | -4 | SW | 3 | 57 | 85 | 7 | 8 | 6 | - | 4-6 | 4-6 | 1500 | 1 | * | b | rg | c | pr | bc | bc | bc | bc | bc | bc | bc | |
| 3 | Birmingham | 1012.5 | -2 | SW | 3 | 63 | 55 | 8 | 7 | - | 2 | 4-6 | 7-8 | 4000 | 1011.8 | -2 | WSW | 2 | 59 | 75 | 8 | 8 | 7 | - | 4-6 | 7-8 | 2500 | 1 | * | b | bc | bc | bc | bc | bc | bc | bc | bc | bc | |
| | Upper Heyford | 1013.3 | -6 | WSW | 4 | 60 | 70 | 7 | 8 | 7 | - | 3 | 3 | 2500 | 1013.0 | -2 | SW | 3 | 59 | 75 | 8 | 3 | 3 | - | 7-8 | 7-8 | 2100 | 1 | * | c | rg | c | bc | bc | bc | bc | bc | bc | bc | |
| 4 | Ross-on-Wye | 1013.3 | 0 | WSW | 2 | 57 | 85 | 8 | 2 | 6 | - | 7-8 | 3 | 2500 | 1012.6 | -6 | WSW | 4 | 59 | 75 | 8 | 3 | 3 | 3 | - | 4-6 | 7-8 | 4000 | 0 | * | b | ps | bc | bc | bc | bc | bc | bc | bc | bc |
| 5 | Hartland Point | 1014.1 | 0 | WSW | 4 | 60 | 85 | 8 | 2 | 6 | - | 4-6 | 7-8 | 1500 | 1013.5 | -6 | WSW | 4 | 61 | 85 | 8 | 8 | 4 | 6 | - | 4-6 | 7-8 | 2500 | 0 | 4 | c | pr | bc | bc | bc | bc | bc | bc | bc | bc |
| | Bristol ... | 1014.4 | -6 | W | 3 | 63 | 65 | 8 | 2 | 6 | - | 7-8 | 7-8 | 2600 | 1014.1 | 0 | WSW | 3 | 60 | 75 | 8 | 6 | 6 | - | 4-6 | 7-8 | 2000 | 1 | * | b | ps | bc | bc | bc | bc | bc | bc | bc | bc | |
| | Portland Bill | 1015.6 | -6 | SW | 4 | 60 | 85 | 8 | 2 | - | 4-6 | 4-6 | 4000 | 1015.1 | -4 | SW | 4 | 59 | 85 | 8 | 2 | 4 | - | 4-6 | 4-6 | 4000 | 1 | 4 | c | bc | bc | bc | bc | bc | bc | bc | bc | bc | | |
| | Plymouth | 1016.3 | -2 | WSW | 4 | 60 | 75 | 8 | 2 | 6 | 3 | 4-6 | 3 | 2500 | 1015.6 | -4 | WSW | 4 | 57 | 85 | 8 | 3 | 3 | 4 | - | 7-8 | 9 | 1500 | 1 | 3 | f | m | bc | bc | bc | bc | bc | bc | bc | |
| | The Lizard | 1016.2 | 0 | W | 4 | 62 | 75 | 8 | 2 | 6 | 3 | 4-6 | 3 | 3500 | 1015.3 | -4 | W | 3 | 60 | 85 | 8 | 2 | 4 | - | 4-6 | 4-6 | 3500 | 0 | 2 | b | cc | bc | bc | bc | bc | bc | bc | bc | bc | |
| | St. Mary's | 1016.4 | 0 | W | 3 | 63 | 75 | 8 | 8 | 7 | - | 4-6 | 3 | 1800 | 1015.3 | -6 | W | 3 | 59 | 85 | 8 | 8 | 7 | - | 4-6 | 3 | 1500 | 1 | 3 | b | ps | bc | bc | bc | bc | bc | bc | bc | bc | |
| | Guernsey | 1016.4 | 0 | W | 3 | 63 | 75 | 8 | 8 | 7 | - | 4-6 | 3 | 1800 | 1015.3 | -6 | W | 3 | 59 | 85 | 8 | 8 | 7 | - | 4-6 | 3 | 1500 | 1 | 3 | b | ps | bc | bc | bc | bc | bc | bc | bc | bc | |
| 6 | Pembroke | 1012.6 | 0 | SW | 5 | 59 | 85 | 7 | 2 | 6 | - | 2-3 | 4-6 | 3000 | 1012.7 | -4 | WSW | 5 | 58 | 97 | 8 | 2 | 6 | - | 4-6 | 7-8 | 2500 | 1 | 4 | c | pr | bc | bc | bc | bc | bc | bc | bc | bc | |
| 7 | Holyhead (Valley) | 1010.3 | -6 | SW | 4 | 62 | 75 | 8 | 8 | 8 | - | 2-3 | 3 | 2500 | 1009.5 | -6 | SW | 4 | 58 | 85 | 8 | 8 | 6 | - | 7-8 | 3 | 2500 | 1 | 2 | c | pr | bc | bc | bc | bc | bc | bc | bc | bc | |
| | Chester (Sealand) | 1010.3 | -8 | SW | 3 | 67 | 55 | 8 | 2 | 6 | - | 7-8 | 7-8 | 2500 | 1010.0 | -6 | SW | 3 | 61 | 75 | 8 | 8 | 6 | 3 | - | 4-6 | 3 | 2200 | 0 | * | c | pr | bc | bc | bc | bc | bc | bc | bc | bc |
| 8 | Manchester | 1011.3 | -10 | SW | 3 | 64 | 55 | 8 | 8 | 6 | 3 | 4-6 | 3 | 2500 | 1010.3 | -4 | WNW | 3 | 62 | 65 | 7 | 9 | 3 | 3 | - | 4-6 | 3 | 2500 | 1 | * | c | pr | bc | bc | bc | bc | bc | bc | bc | bc |
| 10 | Spurn Head | 1011.6 | -12 | SSW | 2 | 63 | 65 | 7 | 7 | - | 3 | 3 | 2700 | 1010.7 | -10 | SW | 3 | 62 | 65 | 7 | 4 | 6 | - | 4-6 | 4-6 | 4000 | 0 | 3 | = | bc | bc | bc | bc | bc | bc | bc | bc | bc | | |
| | Catterick | 1010.1 | -10 | W | 3 | 65 | 55 | 8 | 2 | 7 | 9 | 4-6 | 3 | 2200 | 1009.5 | +2 | WS | 3 | 61 | 65 | 3 | 2 | 9 | 5 | - | 4-6 | 7-8 | 3500 | 0 | * | c | bc | bc | bc | bc | bc | bc | bc | bc | |
| | Tynemouth | 1009.8 | -6 | SW | 3 | 64 | 65 | 7 | 8 | - | 7-8 | 7-8 | 2000 | 1009.2 | -4 | SW | 4 | 62 | 55 | 7 | 8 | 3 | - | 4-6 | 7-8 | 2800 | 1 | 2 | c | pr | bc | bc | bc | bc | bc | bc | bc | bc | | |
| 11 | St. Abbs Head | 1007.3 | -4 | SW | 5 | 63 | 55 | 8 | 7 | - | 4-6 | 7-8 | 2500 | 1006.4 | -4 | SW | 5 | 59 | 75 | 9 | 5 | 7 | - | 7-8 | 7-8 | 2500 | 0 | 2 | c | pr | bc | bc | bc | bc | bc | bc | bc | bc | | |
| | Leuchars | 1006.8 | 0 | SW | 3 | 57 | 92 | 7 | 8 | - | 3 | 3 | 1800 | 1005.3 | -6 | SW | 3 | 60 | 75 | 8 | 8 | 4 | - | 7-8 | 3 | 2200 | 1 | * | c | pr | bc | bc | bc | bc | bc | bc | bc | bc | | |
| 12 | Renfrew (Abbots L.) | 1007.0 | -4 | SW | 4 | 62 | 65 | 8 | 7 | - | 4-6 | 7-8 | 2000 | 1006.6 | -4 | SW | 4 | 58 | 75 | 8 | 3 | 3 | - | 7-8 | 7-8 | 1800 | 1 | * | i | pr | bc | bc | bc | bc | bc | bc | bc | bc | | |
| | Eakdalemuir | 1007.8 | 0 | SSW | 4 | 64 | 92 | 6 | 8 | - | 3 | 3 | 1500 | 1007.3 | -6 | SSW | 4 | 56 | 85 | 8 | 3 | 3 | - | 7-8 | 3 | 1500 | 1 | * | b | cc | pr | bc | bc | bc | bc | bc | bc | bc | | |
| | Point of Ayre | 1009.0 | -2 | WS | 5 | 63 | 65 | 8 | 4 | - | 4-6 | 7-8 | 2500 | 1007.9 | -4 | WS | 5 | 61 | 65 | 8 | 4 | 4 | 6 | - | 4-6 | 4-6 | 4000 | 0 | 4 | e | pr | bc | bc | bc | bc | bc | bc | bc | | |
| 13A | Tiree | 1003.2 | 0 | SW | 4 | 58 | 85 | 8 | 8 | - | 7-8 | 7-8 | 1500 | 1004.0 | +4 | W | 3 | 57 | 85 | 7 | 5 | 3 | - | 7-8 | 3 | 2100 | 0 | 3 | c | pr | bc | bc | bc | bc | bc | bc | bc | | | |
| 13B | Stornoway | 1002.6 | 0 | S | 4 | 55 | 85 | 7 | 8 | 7 | - | 7-8 | 10 | 1000 | 1002.2 | +6 | S | 3 | 56 | 92 | 7 | 8 | 7 | - | 7-8 | 10 | 1000 | 1 | 3 | c | pr | bc | bc | bc | bc | bc | bc | bc | | |
| 15 | Dalwhinnie | 1005.2 | +2 | S | 4 | 61 | 65 | 8 | 4 | - | 4-6 | 4-6 | 2500 | 1004.7 | -2 | SW | 3 | 59 | 85 | 8 | 5 | - | - | - | 10 | 10 | 1500 | 1 | * | c | pr | bc | bc | bc | bc | bc | bc | bc | | |
| | Aberdeen | 1006.6 | -2 | SW | 4 | 60 | 75 | 6 | 9 | - | 4-6 | 4-6 | 4500 | 1005.8 | -4 | S | | | | | | | | | | | | | | | | | | | | | | | | |

Abridged observations of additional stations in the

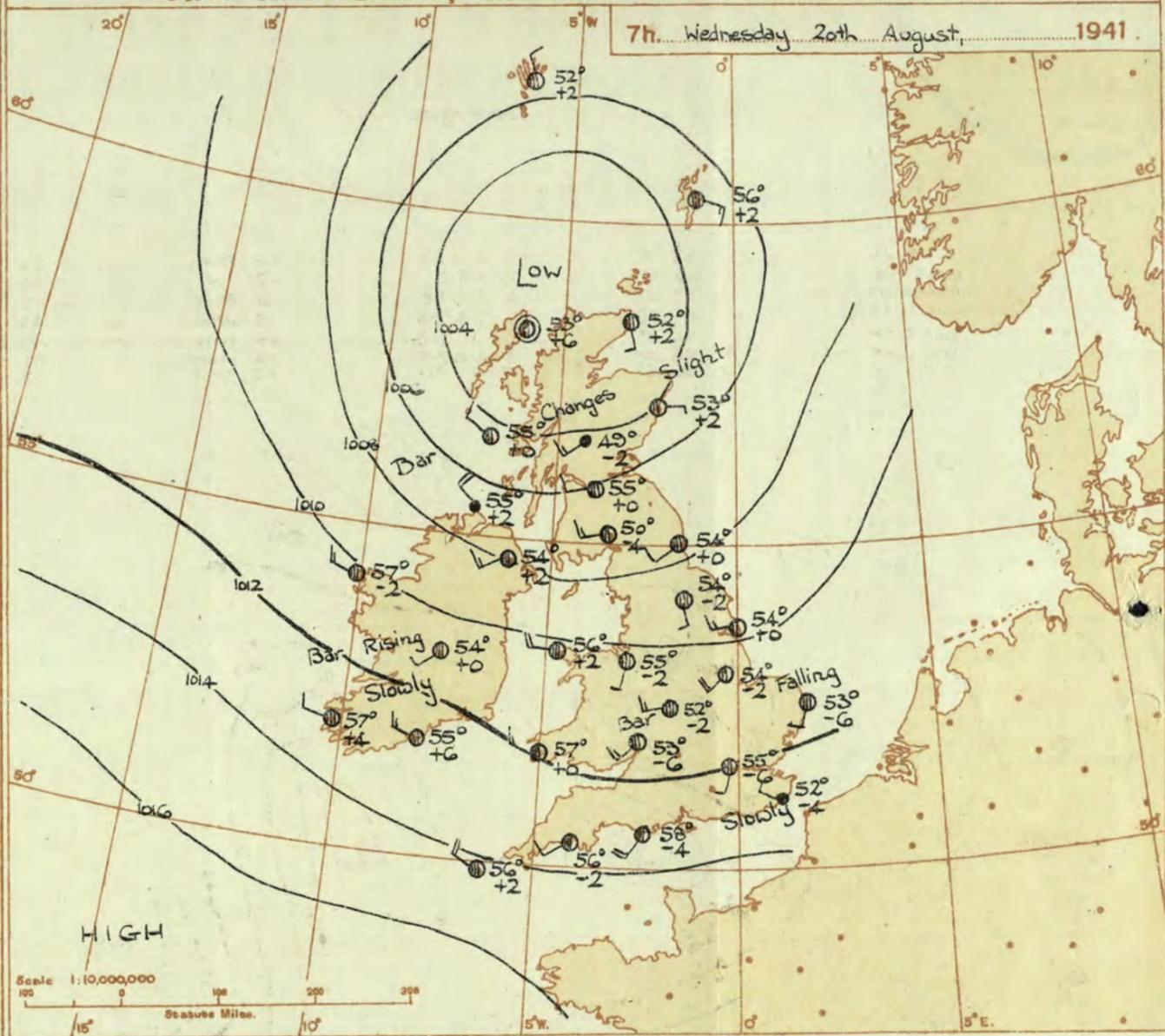
AVIATION WEATHER CODE

| 13h. G.M.T. 19th August | | | | 18h. G.M.T. | | | | 01h. G.M.T. 20th August | | | | 07h. G.M.T. | | | |
|-------------------------|----------------|--------------------|-------|----------------|--------------------|-------|----------------|-------------------------|-------|----------------|--------------------|-------------|----------------|--------------------|-------|
| III | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN |
| 109 | 83 | 01853 | 15314 | 99 | 05653 | 13414 | 5- | 05765 | 12115 | 52 | 05633 | 11127 | | | |
| 115 | 52 | 10844 | 28387 | 52 | 81944 | 08287 | 57 | 02944 | 16185 | 57 | 02944 | 20226 | | | |
| 203 | | | | 8- | 55935 | 16486 | | | | 8- | 81837 | 16327 | | | |
| 206 | 84 | 02965 | 24327 | 8- | 10857 | 20387 | 8- | 01855 | 22125 | 83 | 15865 | 24187 | | | |
| 210 | 83 | 01964 | 15414 | 86 | 02964 | 04186 | 50 | 00863 | 18183 | 53 | 01974 | 00025 | | | |
| 220 | 53 | 01755 | 26385 | 53 | 02845 | 27317 | | | | 02 | 02847 | 27387 | | | |
| 230 | 87 | 82747 | 20388 | 86 | 10846 | 20387 | 8- | 81645 | 20286 | 9- | 81847 | 20287 | | | |
| 245 | 86 | 81855 | 18387 | 83 | 10766 | 15487 | 5- | 05562 | 00082 | 53 | 05684 | 21217 | | | |
| 260 | 83 | 25864 | 20484 | 83 | 10855 | 20317 | 50 | 05662 | 20182 | 84 | 81755 | 20386 | | | |
| 278 | 87 | 01844 | 18315 | | | | 5- | 01864 | 22314 | 8- | 81876 | 22386 | | | |
| 279 | 8- | 02954 | 52485 | 83 | 01864 | 20415 | 50 | 01843 | 20383 | 84 | 02856 | 22227 | | | |
| 285 | 23 | 25745 | 24486 | 23 | 02745 | 24587 | | | | 23 | 25635 | 24287 | | | |
| 288 | 8- | 02854 | 20285 | 36 | 01853 | 18315 | 50 | 22644 | 18364 | 87 | 22645 | 18267 | | | |
| 575 | 83 | 82745 | 24485 | 87 | 81844 | 26387 | 5- | 00843 | 22283 | 8- | 81847 | 24387 | | | |
| 801 | 23 | 01953 | 22414 | 27 | 02953 | 22425 | 8- | 02756 | 23466 | 26 | 02845 | 26387 | | | |
| 321 | 87 | 02754 | 19425 | 96 | 81745 | 27396 | 5- | 25664 | 17294 | 53 | 05675 | 20227 | | | |
| 299 | 8- | 81656 | 22386 | 5- | 95655 | 20395 | 50 | 05654 | 22314 | 8- | 05545 | 22315 | | | |
| 292 | 36 | 05654 | 20317 | 86 | 02865 | 17227 | 86 | 25563 | 17283 | 87 | 81654 | 22188 | | | |
| 310 | -- | 01756 | 26415 | -- | 01645 | 24415 | | | | -- | 44109 | 24349 | | | |
| 614 | 33 | 25655 | 22386 | 23 | 25653 | 24385 | 50 | 05554 | 24114 | 53 | 05566 | 22227 | | | |
| 333 | 24 | 02854 | 22425 | 8- | 02857 | 20427 | 8- | 02855 | 20315 | 83 | 01744 | 24313 | | | |
| 334 | -- | 02745 | 24416 | -- | 55537 | 26258 | | | | -- | 02645 | 20217 | | | |
| 340 | 36 | 10854 | 22385 | 26 | 02954 | 22415 | 5- | 22775 | 18365 | 33 | 01853 | 22385 | | | |
| 136 | 84 | 81854 | 18316 | 8- | 01862 | 20384 | 06 | 00690 | 20312 | 59 | 2922 | 19386 | | | |
| 336 | 52 | 62653 | 20468 | | | | | | | 52 | 22762 | 20367 | | | |
| 350 | 87 | 02855 | 18327 | 36 | 10754 | 16485 | 50 | 05652 | 18202 | 57 | 01723 | 14214 | | | |
| 368 | 86 | 02963 | 24516 | 27 | 02845 | 21527 | | | | | | | | | |
| 379 | 26 | 25854 | 20385 | 33 | 01844 | 20314 | 3- | 25648 | 20388 | -- | 48109 | 20289 | | | |
| 390 | 20 | 01764 | 22315 | 86 | 81856 | 23397 | 00 | 05690 | 22110 | 53 | 25554 | 00086 | | | |
| 382 | 86 | 02867 | 22327 | | | | 04 | 00790 | 20102 | 53 | 01951 | 21214 | | | |
| 438 | | | | 80 | 01954 | 22414 | 2- | 01754 | 22214 | 30 | 66748 | 26268 | | | |
| 430 | | | | 23 | 02854 | 21416 | 57 | 02856 | 21346 | 87 | 25755 | 22183 | | | |
| 409 | 34 | 00862 | 22483 | 23 | | | | | | 87 | 25755 | 27387 | | | |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
 ww, W - Present and past weather—See M.O. 252.
 h, N_h - Height and amount of low cloud—See M.O. 252.
 N - Total amount of cloud—See M.O. 252.
 C, C_m - Form of low and medium cloud—See page 1.
 V - Visibility. F - Force of wind—See page 4.
 DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 20th August, 1941.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th August, 1941. |
|---------------------------------|---|
| 1 S.E. England | Mainly moderate S.W. wind. Local showers, perhaps with thunder, and bright intervals. Becoming cloudy, with rain spreading from west later. Temperature a little below average. |
| 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 ... | Moderate S.W. wind. Bright intervals and local showers, perhaps with thunder. Temperature a little below average. |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | As 1-8. |
| 13A. W. Scotland | |
| 13B. N.W. Scotland | Light or moderate variable winds. Showers and bright intervals. Temperature a little below average. |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | As 1-8. |
| 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.
 FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 Warm Front on the surface
 Warm Front above the ground
 Cold Front on the surface
 Cold Front above the ground
 Occluded Front (or Occlusion)
 Warm Occlusion
 Cold Occlusion
 Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.
 A depression centred over North Scotland is almost stationary and is filling up slowly, while a trough of low pressure is advancing from the Atlantic. There will be bright intervals and showers at first, with local thunder, but general rain will spread across from the west later.

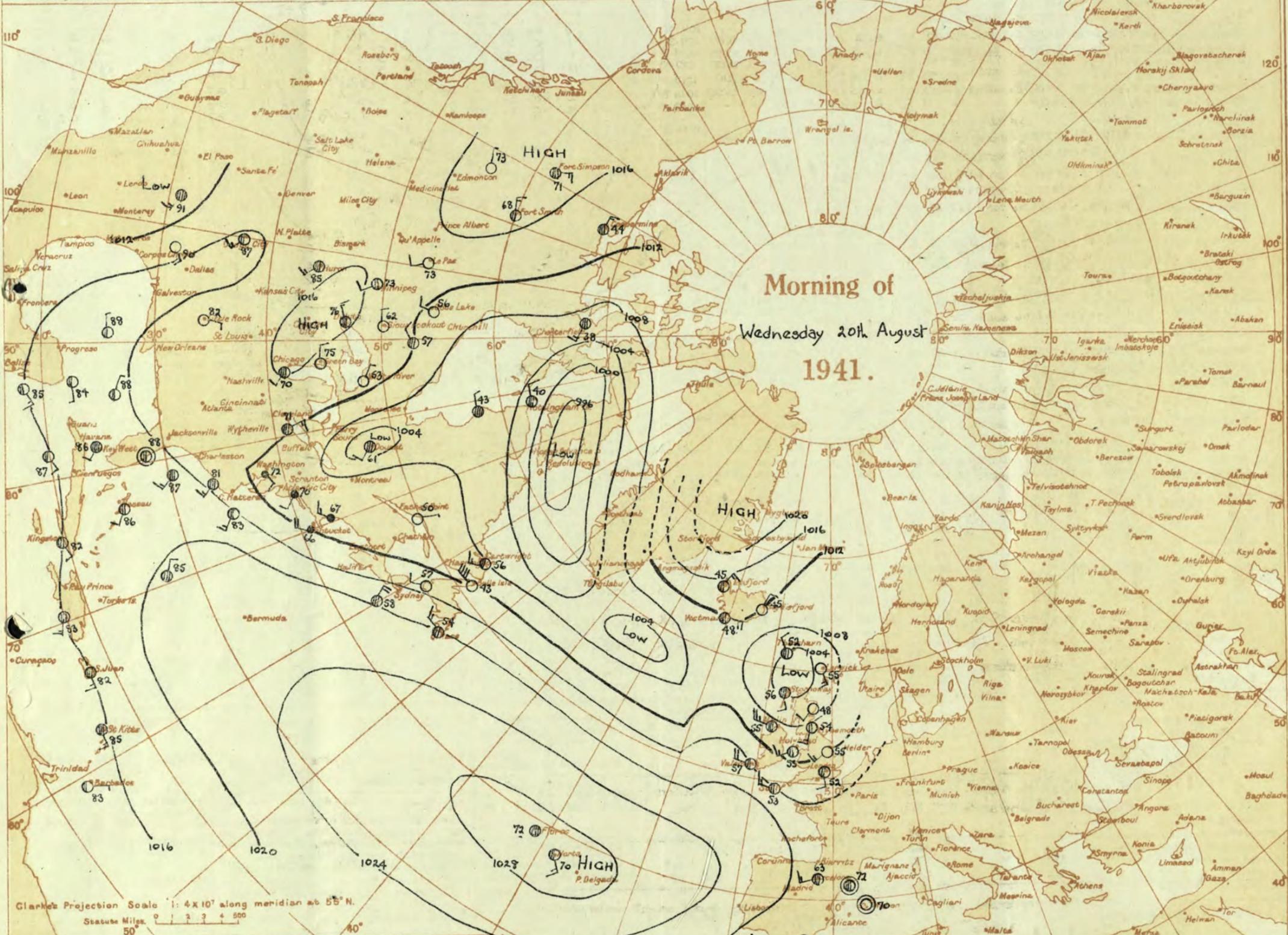
FURTHER OUTLOOK.
 Unsettled with rain at times in all districts.

Forecasts issued at 10.30h. G.M.T.
 N. K. JOHNSON, D.Sc., A.R.C.S., Director.
 H.M.S.O. Press, Meteorological Office, Dunstable. G.269/4120. W. 5176 D 8034. Op. 848 3100 9/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front: The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front: The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin.
 In certain cases the boundary is not recognizable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion: The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis: A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis: is said to occur when a front is in process of dissolution.



Clarke's Projection Scale 1: 4 X 10⁷ 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 circles 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. Δ Rain.
 Fog ≡ Mist ≡ Thunder. (T) Thunderstorm. E Slight haze. ☁
 Hours of observation: —Azores, Greenland, Ships, oh, G.M.T. America and Europe, mainly rh, G.M.T.; U.S.S.R. (Europe and Asia), rh, local time.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 20th August | | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 20th August | | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | |
|--|---------------------|------------------------------|--------------------------|------------------------|------------|------------|--------------|---------------|--------------|-----------------|-----------|-----------|-----------|---------------|--|---------------------------|-------------------------|----------------------------|-------------|---------------|----------------|---------------|------------------|-------------|-----------|-----------|-----------|---------------|-----------|-----------------|----------------------------|-----------------------|--------------------------|----------------------------|--------------------|------------------------|---------------------|-----------------------|----------|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. mb. (1) | Change in 3 hours. (2) | Wind. | | Weather. (6) | Temp. °F. (7) | Humid. % (8) | Visibility. (9) | Cloud. | | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours. (16) | Wind. | | Weather. (19) | Temp. °F. (20) | Humid. % (21) | Visibility. (22) | Cloud. | | | | | Sea. (30) | TEMPERATURE. | | | | | SUNSHINE Hrs. (36) | | | | |
| | | | | | Dirce. (3) | Force. (4) | | | | | Low. (10) | Med. (11) | High (12) | Low 0-10 (13) | Total 0-10 (14) | | | Height of Base (feet) (14) | Dirce. (17) | | | | | Force. (18) | Low. (23) | Med. (24) | High (25) | Low 0-10 (26) | | Total 0-10 (27) | Height of Base (feet) (28) | State of Ground. (29) | 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) | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0-12 (5) |
| 1 | London (Kew) | 18 | 1013.7 | -10 | S | 2 | bc | 52 | 97 | 8 | 5 | 2-3 | 2-3 | 4000 | 1011.4 | -6 | SSW | 2 | z | 56 | 92 | 6 | 5 | - | - | 4-6 | 4-6 | 2500 | 1 | 66 | 54 | 42 | 4 | 2 | 8-1 | | | | |
| | Croydon | 217 | 1013.4 | -12 | SSW | 1 | bc | 53 | 97 | 8 | 5 | - | - | 4-6 | 4-6 | 2500 | 1011.9 | -6 | SSW | 1 | c | 55 | 97 | 7 | 2 | 3 | - | 1 | 7-8 | 2500 | 1 | 65 | 51 | 50 | 0.2 | 4 | 10-2 | | |
| | S. Farnborough | 226 | 1013.5 | -6 | SSW | 1 | bc | 52 | 97 | 7 | 2 | 6 | - | 4-6 | 7-8 | 2500 | 1011.7 | -2 | SW | 2 | bc | 58 | 97 | 8 | 8 | 3 | 1 | 1-3 | 2000 | 1 | 68 | 52 | 44 | 6 | 6 | 5-2 | | | |
| | Boscombe Down | 417 | 1013.5 | -6 | SSW | 1 | bc | 52 | 97 | 7 | 2 | 6 | - | 4-6 | 7-8 | 2500 | 1012.5 | -2 | SW | 2 | bc | 53 | 97 | 8 | 4 | 3 | 1 | 4-6 | 3000 | 1 | 66 | 49 | 46 | 4 | 3 | 6-4 | | | |
| | Thorney Island | 10 | 1013.7 | -14 | WNW | 2 | z | 58 | 85 | 6 | 4 | - | - | 2-3 | 2-3 | 1500 | 1012.3 | -2 | W | 2 | bc | 56 | 92 | 7 | 8 | 6 | - | 2-3 | 2-3 | 1500 | 1 | 67 | 54 | 53 | - | 5 | * | | |
| | Lympe | 346 | 1015.3 | -4 | WSW | 2 | z | 53 | 97 | 6 | 5 | - | - | 4-6 | 4-6 | 2500 | 1013.8 | -4 | WNW | 2 | RR | 51 | 97 | 8 | 5 | 2 | - | 3 | 3500 | 1 | 67 | 51 | 44 | 3 | 8 | 9-8 | | | |
| | Manston | 154 | 1013.7 | -10 | WSW | 2 | z | 52 | 97 | 6 | 5 | 3 | - | 0 | Tr | - | 1012.0 | -6 | SSW | 2 | bc | 54 | 92 | 8 | 7 | - | 1 | 3 | 3000 | 1 | 67 | 51 | 49 | 3 | 0.5 | 7-5 | | | |
| 2 | Shoeburyness | 11 | 1012.7 | -6 | WSW | 3 | z | 56 | 92 | 6 | 5 | - | - | 1 | 1 | 6000 | 1011.2 | -2 | SSW | 2 | c | 56 | 85 | 8 | 8 | 7 | 2 | 1 | 7-8 | 4000 | 1 | 65 | 54 | 45 | Tr | - | 10-5 | | |
| | Felixstowe | 15 | 1012.9 | -4 | SSW | 3 | z | 56 | 83 | 6 | 5 | - | - | 10 | 10 | 1500 | 1011.7 | -2 | WSW | 3 | z | 56 | 97 | 6 | 8 | 4 | - | 3 | 9 | 4000 | 1 | 65 | 53 | 51 | 0.2 | - | 9-6 | | |
| | Gorleston | 5 | 1012.9 | -4 | SSW | 3 | z | 56 | 83 | 6 | 5 | - | - | 10 | 10 | 1500 | 1011.6 | -6 | SSW | 2 | c | 53 | 92 | 7 | 5 | 7 | - | 2-3 | 7-8 | 2300 | 0 | 68 | 53 | 50 | - | Tr | * | | |
| | Mildenhall | 19 | 1012.0 | -2 | SSW | 3 | z | 53 | 97 | 7 | 5 | 4 | - | Tr | 1 | 4000 | 1010.6 | -4 | SW | 2 | c | 54 | 97 | 7 | 5 | 7 | - | 7-8 | 3 | 6000 | 0 | 68 | 52 | 45 | - | - | 3-3 | | |
| | Cranwell | 240 | 1011.1 | -6 | SSW | 3 | z | 51 | 92 | 6 | 5 | 4 | - | 2-3 | 2-3 | 4000 | 1009.7 | -2 | SW | 4 | bc | 54 | 85 | 7 | 5 | 4 | 1 | 0 | 2-3 | 5000 | 1 | 65 | 50 | 48 | - | 0.6 | 7-5 | | |
| 3 | Birmingham | 535 | 1012.9 | -6 | SSW | 2 | b | 50 | 97 | 7 | 5 | 3 | - | Tr | 1 | 3000 | 1014.4 | -2 | WSW | 3 | c | 52 | 92 | 8 | 8 | 7 | - | 4-6 | 5 | 1500 | 1 | 65 | 50 | 45 | 1 | - | 9-3 | | |
| | Upper Heyford | 408 | 1012.9 | -6 | SSW | 2 | b | 50 | 97 | 7 | 5 | 3 | - | Tr | 1 | 3000 | 1011.2 | -4 | WSW | 2 | c | 51 | 97 | 6 | 5 | 4 | - | 7-8 | 7-8 | 300 | 1 | 64 | 48 | 45 | Tr | Tr | * | | |
| | Ross-on-Wye | 223 | 1012.9 | -6 | SSW | 2 | b | 50 | 97 | 7 | 5 | 3 | - | Tr | 1 | 3000 | 1010.8 | -6 | SW | 3 | c | 53 | 92 | 8 | 8 | - | 5 | 5 | 2500 | 1 | 66 | 50 | 46 | 1 | 0.4 | 7-2 | | | |
| 5 | Hartland Point | 299 | 1012.8 | -4 | WNW | 3 | pr | 56 | 85 | 8 | 3 | - | - | 4-6 | 4-6 | 1500 | 1011.6 | -2 | WNW | 3 | c | 57 | 85 | 8 | 8 | 4 | - | 4-6 | 7-8 | 1500 | 1 | 61 | 53 | 52 | Tr | * | 6-3 | | |
| | Bristol | 209 | 1013.7 | -6 | SSW | 1 | pr | 54 | 92 | 7 | 8 | - | - | 9 | 9 | 3200 | 1012.1 | -2 | SSW | 3 | bc | 54 | 85 | 8 | 8 | 6 | 3 | 2-3 | 4-6 | 2500 | 1 | 66 | 51 | 44 | 1 | 2 | 8-4 | | |
| | Portland Bill | 32 | 1013.2 | -14 | WSW | 4 | c | 58 | 85 | 8 | 4 | - | - | 7-8 | 7-8 | 4000 | 1012.3 | -4 | SW | 4 | c | 58 | 92 | 8 | 2 | 4 | - | 4-6 | 7-8 | 4000 | 2 | 60 | 55 | - | - | - | 8-4 | | |
| | Plymouth | 82 | 1014.6 | -6 | W | 1 | b | 55 | 97 | 7 | 8 | - | - | 1 | 1 | 4000 | 1013.4 | -2 | SW | 2 | c | 56 | 92 | 7 | 5 | - | - | 7-8 | 7-8 | 3000 | 1 | 62 | 53 | 49 | 1 | 1 | 5-3 | | |
| | The Lizard | 240 | 1014.5 | -4 | WNW | 4 | bc | 54 | 97 | 8 | 5 | - | - | 2-3 | 4-6 | 2500 | 1016.4 | -4 | W | 3 | c | 56 | 92 | 8 | 8 | 6 | - | 7-8 | 7-8 | 1500 | 1 | 65 | 53 | * | - | 1 | 10-0 | | |
| | Scilly (St. Mary's) | 163 | 1014.7 | -6 | WNW | 3 | bc | 53 | 97 | 8 | 8 | 4 | - | 4-6 | 4-6 | 1500 | 1013.4 | +2 | WNW | 4 | pr | 56 | 97 | 8 | 8 | 7 | - | 7-8 | 9 | 1500 | 1 | 65 | 53 | * | - | 1 | 7-3 | | |
| | Guernsey | 175 | 1014.7 | -6 | WNW | 3 | bc | 53 | 97 | 8 | 8 | 4 | - | 4-6 | 4-6 | 1500 | 1013.4 | +2 | WNW | 4 | pr | 56 | 97 | 8 | 8 | 7 | - | 7-8 | 9 | 1500 | 1 | 65 | 53 | * | - | 1 | 7-3 | | |
| 6 | Pembroke | 142 | 1012.1 | -2 | W | 4 | bc | 57 | 92 | 7 | 4 | - | - | 4-6 | 4-6 | 2500 | 1010.8 | 0 | WNW | 3 | c | 57 | 97 | 7 | 8 | 6 | - | 7-8 | 9 | 2000 | 1 | 60 | 55 | * | - | Tr | 8-2 | | |
| 7 | Holyhead (Valley) | 26 | 1009.6 | 0 | WSW | 3 | bc | 55 | 92 | 7 | 5 | - | - | 4-6 | 4-6 | 3000 | 1009.5 | +2 | W | 4 | c | 56 | 85 | 8 | 5 | 3 | - | 9 | 9 | 1200 | 1 | 63 | 54 | 51 | 1 | 1 | * | | |
| | Chester (Sealand) | 16 | 1010.2 | -4 | SSW | 2 | c | 56 | 85 | 7 | 5 | - | - | 7-8 | 7-8 | 2000 | 1009.1 | -2 | SSW | 1 | c | 55 | 85 | 8 | 5 | 3 | - | 7-8 | 9 | 2500 | 0 | 70 | 52 | 46 | 0.1 | Tr | 8-7 | | |
| | Manchester | 70 | 1010.0 | -2 | SW's | 2 | bc | 53 | 85 | 7 | 5 | - | - | 4-6 | 4-6 | 3000 | 1008.8 | -2 | SW's | 2 | pr | 54 | 92 | 6 | 9 | 3 | - | 9 | 9 | 2800 | 1 | 66 | 52 | 48 | 1 | Tr | 4-6 | | |
| 10 | Spurn Head | 29 | 1009.9 | +2 | SW | 3 | b | 53 | 85 | 7 | 4 | - | - | 0 | 1 | - | 1009.2 | 0 | WSW | 3 | bc | 54 | 85 | 7 | 7 | 6 | - | 2-3 | 4-6 | 4000 | 0 | 68 | 52 | 50 | Tr | 3 | 10-2 | | |
| | Catterick | 175 | 1008.9 | -6 | SE | 1 | z | 53 | 92 | 5 | 5 | - | - | 4-6 | 4-6 | 4500 | 1007.8 | -2 | SE | 1 | c | 54 | 97 | 7 | 8 | 3 | 2 | 4-6 | 9 | 4000 | 1 | 66 | 52 | 50 | Tr | 3 | 6-0 | | |
| | Tynemouth | 108 | 1008.8 | -6 | SE | 3 | z | 54 | 85 | 6 | 2 | - | - | 4-6 | 4-6 | 2500 | 1007.7 | 0 | SW | 2 | z | 54 | 85 | 7 | 5 | - | 5 | 5 | 4000 | 0 | 65 | 54 | 50 | Tr | - | * | | | |
| 11 | St. Abbs Head | 280 | 1006.0 | -2 | SW | 4 | c | 53 | 92 | 8 | 5 | 4 | - | 4-6 | 7-8 | 2500 | 1005.7 | +2 | SW | 4 | c | 51 | 92 | 9 | 4 | 4 | 2 | 4-6 | 7-8 | 2500 | 1 | 64 | 50 | * | - | Tr | * | | |
| | Leuchars | 36 | 1005.3 | -2 | WSW | 2 | z | 53 | 92 | 6 | 5 | - | - | 4-6 | 4-6 | 2200 | 1004.5 | +2 | WSW | 2 | z | 53 | 92 | 6 | 5 | 4 | 3 | 2-3 | 4-6 | 2800 | 1 | 64 | 49 | 43 | 2 | 0.1 | 4-1 | | |
| 12 | Renfrew (Abbots I.) | 19 | 1006.2 | -2 | SWW | 1 | bc | 54 | 92 | 3 | 8 | - | - | 2-3 | 2-3 | 1000 | 1005.4 | 0 | WSW | 2 | c | 55 | 85 | 7 | 8 | 3 | - | 7-8 | 7-8 | 2500 | 1 | 63 | 52 | 47 | 0.1 | 2 | 4-3 | | |
| | Eskdalemuir | 794 | 1006.2 | -2 | SWW | 1 | bc | 54 | 92 | 3 | 8 | - | - | 2-3 | 2-3 | 1000 | 1005.4 | 0 | WSW | 2 | c | 55 | 85 | 7 | 8 | 3 | - | 7-8 | 7-8 | 2500 | 1 | 63 | 52 | 47 | 0.1 | 2 | 4-3 | | |
| | Point of Ayre | 30 | 1007.8 | 0 | W's | 3 | c | 55 | 92 | 7 | 5 | - | - | 7-8 | 7-8 | 4000 | 1007.2 | 0 | WNW | 4 | pr | 54 | 92 | 8 | 8 | 7 | - | 4-6 | 9 | 3000 | 1 | 67 | 53 | 42 | 5 | - | 0.0 | | |
| 13A | Tiree | 22 | 1004.6 | 0 | WNW | 3 | bc | 54 | 85 | 8 | 5 | - | - | 4-6 | 4-6 | 2500 | 1004.1 | 0 | WNW | 2 | c | 55 | 85 | 8 | 8 | 3 | - | 4-6 | 7-8 | 2500 | 1 | 60 | 53 | * | 0.5 | 0.6 | * | | |
| 13B | Stornoway | 80 | 1002.1 | +2 | S | 2 | pr | 56 | 85 | 7 | 8 | 7 | - | 2-3 | 10 | 1000 | 1002.5 | +6 | - | 0 | c | 53 | 92 | 7 | 8 | 7 | - | 7-8 | 10 | 1000 | 1 | 57 | 53 | * | 8 | 2 | 1-5 | | |
| 15 | Dalwhinnie | 1176 | 1002.1 | +2 | S | 2 | pr | 56 | 85 | 7 | 8 | 7 | - | 2-3 | 10 | 1000 | 1002.5 | +6 | - | 0 | c | 53 | 92 | 7 | 8 | 7 | - | 7-8 | 10 | 1000 | 1 | 57 | 53 | * | 8 | 2 | 1-5 | | |
| | Aberdeen | 79 | 1004.0 | 0 | - | 0 | c | 52 | 92 | 8 | 5 | - | - | 7-8 | 7-8 | 5700 | 1004.1 | +2 | E | 1 | bc | 53 | | | | | | | | | | | | | | | | | |

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

Table with columns for DISRICT, STATIONS, Barom. at M.S.L., Change in 3 hours, Wind, Weather, Temp., Humid., Visibility, Cloud (Form, Amount, Height), and PAST 24 HOURS (7h-18h, 18h-24h, 24h-1h, 1h-7h).

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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. COLUMNS 12, 13, 26, 27.—FORM OF CLOUD. COLUMNS 29.—STATE OF GROUND.

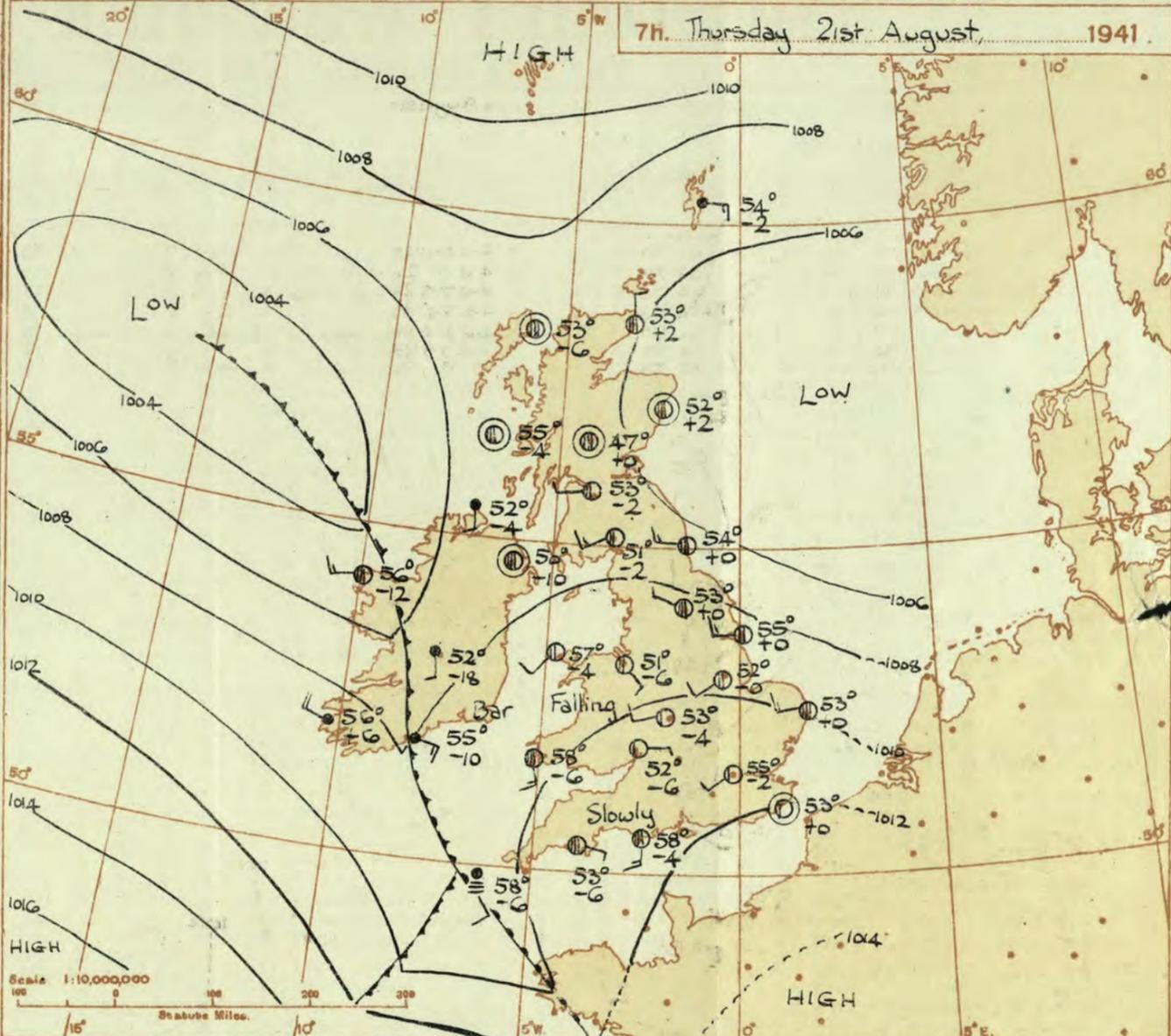
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 21st August | | | | 01h. G.M.T. 21st August | | | | 07h. G.M.T. 21st August | | | | |
|-------------------------|----------------|--------------------|--------------------|-------------------------|--------------------|--------------------|----|-------------------------|--------------------|--------------------|-------|-------|
| III | C ₁ | wwVhN ₁ | DDFWN ₁ | C ₂ | wwVhN ₂ | DDFWN ₂ | DD | C ₃ | wwVhN ₃ | DDFWN ₃ | DD | |
| 109 | 27 | 00852 | 10313 | 07 | 01950 | 10113 | 04 | 00790 | 00023 | 83 | 05644 | 00024 |
| 115 | 86 | 02934 | 14126 | 87 | 02844 | 12125 | 54 | 01843 | 12224 | 54 | 02844 | 20225 |
| 203 | | | | | | | | | | | | |
| 206 | 28 | 01864 | 08184 | 87 | 25864 | 08187 | 8- | 25754 | 00084 | 87 | 10865 | 26127 |
| 210 | 83 | 02964 | 08115 | 86 | 02964 | 08126 | 5- | 01865 | 20125 | 5- | 02858 | 22378 |
| 220 | 8- | 81846 | 28310 | 83 | 81846 | 29486 | | | | | | |
| 230 | 8- | 25856 | 20286 | 86 | 02855 | 24325 | 8- | 02857 | 24117 | 87 | 25746 | 21287 |
| 245 | 36 | 81865 | 12286 | 34 | 01845 | 15385 | 5- | 01564 | 00015 | 52 | 62764 | 04268 |
| 260 | 37 | 81855 | 20296 | 83 | 01863 | 22283 | 50 | 05661 | 22211 | 53 | 01763 | 22215 |
| 278 | 86 | 25845 | 24387 | 8- | 02867 | 28427 | 50 | 00862 | 26312 | 57 | 02843 | 00013 |
| 279 | 8- | 25746 | 21487 | 83 | 02854 | 24385 | 40 | 01853 | 22313 | 23 | 02862 | 23216 |
| 285 | 23 | 81745 | 24487 | 23 | 01744 | 26584 | | | | 23 | 02744 | 24427 |
| 288 | 37 | 28846 | 00087 | 87 | 02864 | 22186 | 4- | 01755 | 20225 | 04 | 01890 | 21215 |
| 575 | 83 | 02855 | 20487 | 83 | 02855 | 24487 | 00 | 01790 | 12114 | 57 | 51635 | 10168 |
| 801 | 26 | 02755 | 24486 | 53 | 02865 | 24416 | 5- | 05644 | 28114 | 26 | 05654 | 14116 |
| 821 | 80 | 05656 | 25226 | 23 | 05656 | 25396 | 50 | 05564 | 16124 | 00 | 05590 | 24214 |
| 299 | 87 | 02755 | 22315 | 87 | 25754 | 26187 | 50 | 05643 | 22313 | 5- | 05663 | 22213 |
| 292 | 86 | 82854 | 20387 | 80 | 01765 | 23225 | 50 | 05663 | 24113 | 53 | 01761 | 22214 |
| 310 | | | | | 01645 | 24315 | | | | -- | 46109 | 26449 |
| 614 | 3- | 29657 | 22197 | 8- | 25746 | 22386 | 44 | 05651 | 22312 | 5- | 43317 | 22227 |
| 833 | 23 | 02855 | 22386 | 83 | 02863 | 22385 | 50 | 01863 | 24113 | 23 | 04652 | 20114 |
| 934 | -- | 62645 | 24386 | -- | 02755 | 24216 | | | | -- | 04545 | 00016 |
| 340 | 80 | 02855 | 22385 | | | | 50 | 01764 | 00014 | 53 | 00741 | 14213 |
| 136 | 9- | 81755 | 20296 | 86 | 02764 | 19295 | 06 | 05690 | 22201 | 03 | 05590 | 20215 |
| 336 | 52 | 03783 | 24427 | 23 | 01762 | 24314 | | | | 13 | 01762 | 16314 |
| 850 | 37 | 25754 | 16385 | 36 | 01764 | 18385 | | | | 53 | 05623 | 16214 |
| 368 | 86 | 02865 | 23425 | 14 | 01854 | 22415 | | | | | | |
| 379 | 30 | 01854 | 20385 | 23 | 01853 | 20315 | 04 | 01790 | 20211 | -- | 46209 | 20349 |
| 390 | | | | 26 | 82765 | 26387 | 00 | 05690 | 22100 | 53 | 08423 | 22104 |
| 382 | 36 | 01864 | 24385 | 83 | 02864 | 22225 | 00 | 05690 | 00000 | 5- | 05527 | 00027 |
| 438 | | | | | | | | | | 20 | 01753 | 26313 |
| 430 | | | | 36 | 00863 | 20313 | 50 | 00661 | 22101 | 20 | 00851 | 28201 |
| 409 | 2- | 12747 | 25327 | 5- | 02855 | 23326 | 04 | 01890 | 00013 | 50 | 02777 | 10327 |

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
 ww, W = Present and past weather—See M.O. 252.
 h, N_h = Height and amount of low cloud—See M.O. 252.
 N = Total amount of cloud—See M.O. 252.
 C, C₁, C₂ = Form of low and medium cloud—See page 1.
 V = Visibility. F = Force of wind—See page 4.
 DD = Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st August, 1941. |
|---------------------------------|--|
| 1 S.E. England | Light or moderate W. wind backing S.E.; fair at first with considerable bright periods; cloudy later with slight local rain; average temperature. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Light or moderate S. or S.E. wind, veering W. later; occasional slight rain at first, with much coast and hill fog; local showers and bright intervals later; average temperature. |
| 6 South Wales ... | |
| 7 North Wales ... | Light westerly winds becoming S.E. to variable; fair at first; cloudy later with occasional rain; chance of thunder; average temperature. |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | Light variable to S.E. winds; fair at first; cloudy with occasional rain later; average temperature. |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | Light variable to easterly winds; cloudy, with local showers; average temperature. |
| 13A. W. Scotland | |
| 13B. N.W. Scotland | Light or moderate W. or N.W. wind; showers and bright intervals; average temperature. |
| 14 Mid Scotland | |
| 15 N. E. Scotland | Light or moderate S.E. wind, veering W. or N.W.; cloudy, with some rain at first; showers & bright intervals later; average temperature. |
| 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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 ~~~~~ = Warm Front on the Surface  
 ~~~~~ = Cold Front on the surface  
 ~~~~~ = Warm Front above the ground  
 ~~~~~ = Cold Front above the ground  
 ~~~~~ = Occluded Front (or Occlusion)  
 ~~~~~ = Warm Occlusion  
 ~~~~~ = Cold Occlusion  
 ~~~~~ = Lines of Frontogenesis  
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

A depression centred off N.W. Ireland and an associated trough extending to S.W. England are both moving eastwards. Weather will be fair at first in eastern districts, but occasional rain or showers will spread from the west to all districts. Temperature will be about normal.

FURTHER OUTLOOK.

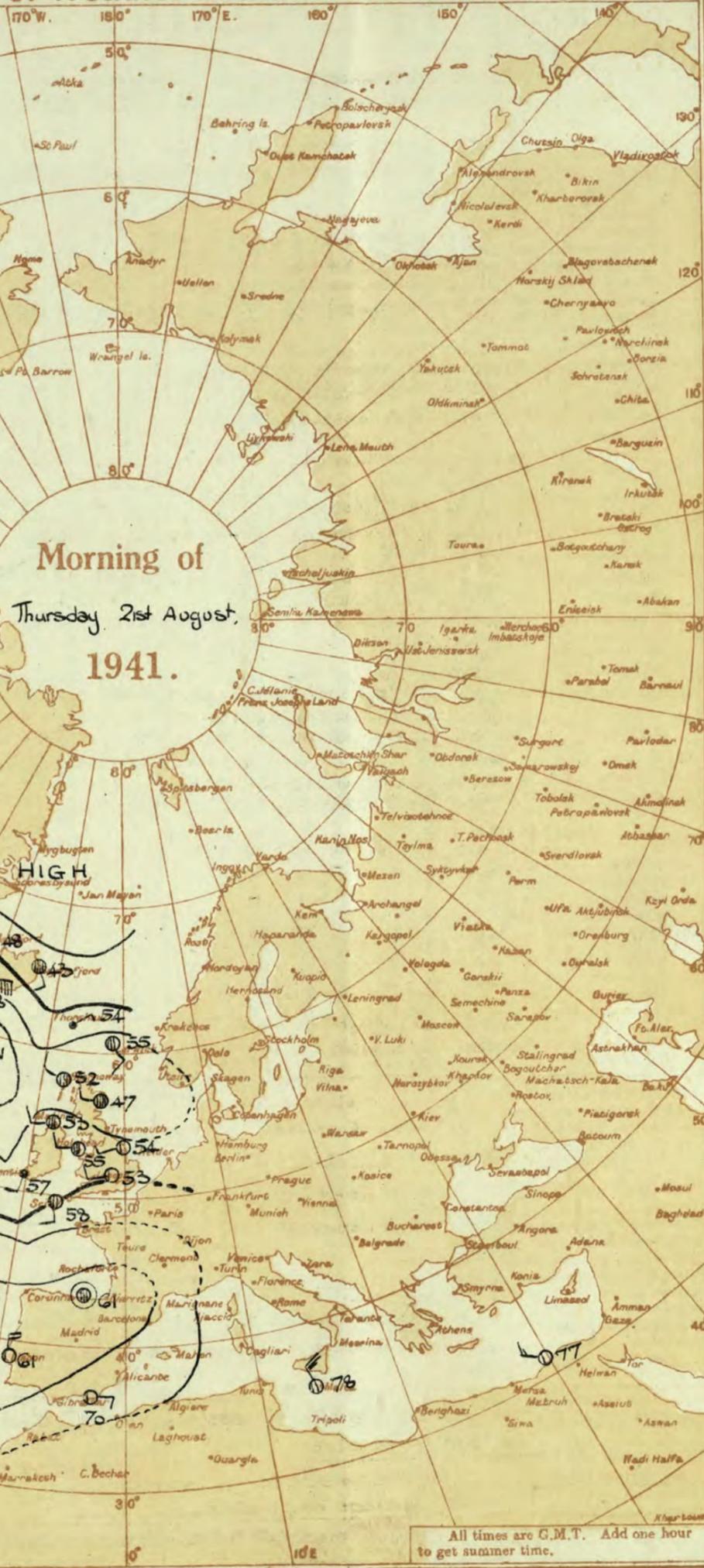
Unsettled weather continuing, probably with local thunderstorms or thundery rain.

Forecasts issued at 10.30h. G.M.T.
 H.M.S.O. Press, Meteorological Office, Dunstable.
 N. K. JOHNSON, D.Sc., A.R.C.S., Director.

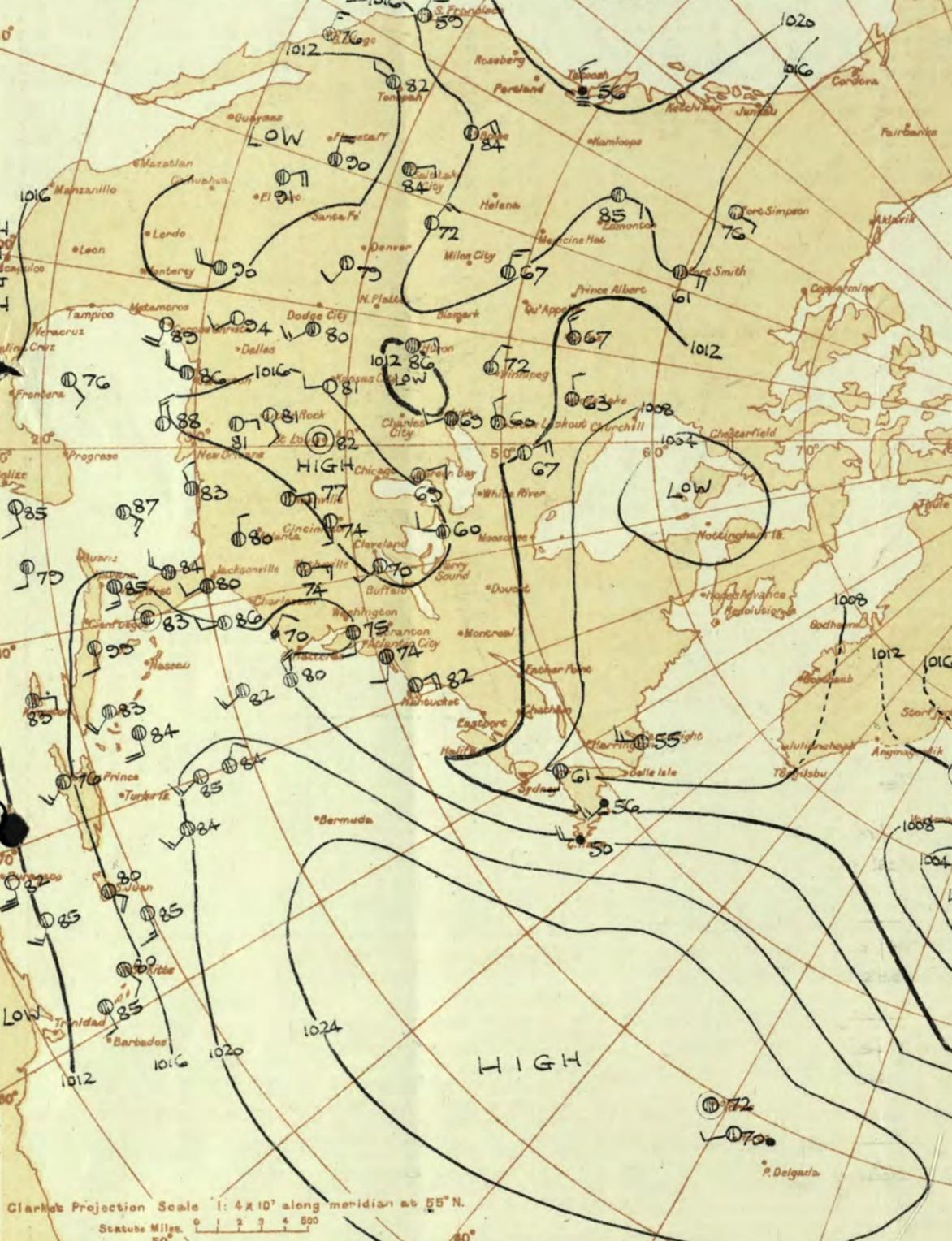
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin.
 In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
 Thursday 21st August,
 1941.



Clark'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. ☁
 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.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 21st August | | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 21st August | | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | |
|--|---------------------|------------------------------|--------------------------|-----------------------|-------|--------|----------|---------------|--------------|----------------|--------|---------|----------------------------|-------|--|---------------------------|------------------------|----------------------------|------|----------|----------------|---------------|-----------------|--------|-------|---------|----------------------------|------|-----------|----------------|--------------------------|----------------------------|------------------------|---------------------|-----------------|-----------------------|
| District. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. mb. (1) | Change in 3 hours (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility (8) | Cloud. | | | | | Barom. at M.S.L. mb. (15) | Change in 3 hours (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility (22) | Cloud. | | | | | Sea. (30) | TEMPERATURE. | | | RAINFALL. | | Sun- shine (36) | |
| | | | | | Dir. | Force. | | | | | Form. | Amount. | Height of Base (feet) (14) | Form. | Amount. | | | Height of Base (feet) (28) | Dir. | | | | | Force. | Form. | Amount. | Height of Base (feet) (28) | Dir. | | Force. | Max. Day 7h-15h °F. (31) | Min. Night 15h-7h °F. (32) | Min. on Grass °F. (33) | Day 7h-15h mm. (34) | | Night 15h-7h mm. (35) |
| 1 | London (Kew) | 18 | 1011.9 | 0 | WSW | 2 | b | 53 | 92 | 7 | S | - | - | 1 | 1011.2 | +2 | WSW | 1 | b | 53 | 85 | 7 | - | - | 0 | 0 | 0 | 64 | 51 | 41 | 1 | - | 6.7 | | | |
| | Croydon | 217 | 1011.9 | 0 | WSW | 2 | b | 53 | 92 | 7 | S | - | - | 1 | 1011.5 | +2 | WSW | 1 | b | 53 | 85 | 7 | - | - | 0 | 0 | 0 | 68 | 49 | 46 | 1 | - | 6.5 | | | |
| | S. Farnborough | 226 | 1012.0 | -4 | SWW | 1 | b | 52 | 92 | 7 | S | - | - | 1 | 1011.2 | -2 | SWW | 1 | b | 53 | 92 | 8 | - | - | 0 | 0 | 0 | 67 | 48 | 39 | 0.3 | Tr | 8.5 | | | |
| | Boscombe Down | 417 | 1012.0 | -2 | WSW | 2 | b | 53 | 92 | 7 | S | - | - | 1 | 1011.9 | -4 | WSW | 1 | b | 53 | 92 | 8 | - | - | 0 | 0 | 0 | 65 | 45 | 37 | Tr | Tr | 8.9 | | | |
| | Thorney Island | 10 | 1012.6 | -4 | W | 2 | b | 52 | 92 | 6 | S | - | - | 1 | 1011.6 | -6 | W | 1 | b | 50 | 97 | 7 | 2 | 4 | 1 | 10 | 10 | 1 | 66 | 44 | 41 | 1 | - | * | | |
| | Lympe | 346 | 1013.3 | 0 | WSW | 2 | b | 47 | 97 | 7 | S | - | - | 1 | 1012.9 | 0 | WSW | 1 | b | 53 | 92 | 6 | - | - | 2 | 0 | Tr | 1 | 1 | 1 | 1 | - | 6.0 | | | |
| | Manston | 184 | 1011.5 | 0 | WSW | 2 | b | 52 | 92 | 7 | S | - | - | 1 | 1011.2 | 0 | WSW | 1 | b | 53 | 92 | 6 | - | - | 0 | Tr | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5.0 | |
| 2 | Shoeburyness | 11 | 1010.4 | -2 | WSW | 3 | b | 55 | 85 | 6 | S | - | - | 1 | 1011.6 | +2 | WSW | 2 | b | 56 | 92 | 5 | - | 4 | 4 | 0 | 1 | 1 | 67 | 53 | 45 | 0.2 | - | 6.5 | | |
| | Felixstowe | 15 | 1010.4 | -2 | WSW | 3 | b | 55 | 85 | 6 | S | - | - | 1 | 1011.6 | +2 | WSW | 2 | b | 55 | 85 | 6 | 5 | 3 | 3 | Tr | 4.6 | 6000 | 1 | 2 | 66 | 52 | 49 | 3 | - | 4.7 |
| | Gorleston | 5 | 1010.5 | +4 | SWW | 2 | b | 53 | 85 | 6 | S | - | - | 1 | 1010.2 | 0 | SWW | 3 | b | 53 | 85 | 6 | 5 | 3 | 3 | Tr | 4.6 | 2920 | 1 | 2 | 65 | 50 | 45 | 2 | - | 4.7 |
| | Mildenhall | 19 | 1010.1 | 0 | SWW | 3 | b | 52 | 87 | 6 | S | - | - | 1 | 1010.0 | +2 | SWW | 3 | b | 53 | 97 | 5 | - | 3 | 1 | 0 | 9 | 0 | 66 | 49 | 42 | 0.6 | Tr | 6.1 | | |
| | Cranwell | 240 | 1009.6 | -4 | SWW | 4 | b | 54 | 85 | 6 | S | - | - | 3 | 1009.5 | 0 | SWW | 2 | b | 52 | 97 | 5 | 5 | 1 | 4.6 | 4.6 | 4000 | 1 | 2 | 65 | 49 | 48 | 2 | - | 5.6 | |
| 3 | Birmingham | 535 | 1011.0 | -2 | WSW | 2 | b | 51 | 92 | 7 | A | - | - | Tr | 1009.9 | -4 | WSW | 2 | b | 53 | 85 | 7 | 5 | - | Tr | Tr | 4000 | 1 | 2 | 63 | 50 | 47 | 6 | - | 2.8 | |
| | Upper Heyford | 408 | 1011.0 | -2 | WSW | 2 | b | 51 | 92 | 7 | A | - | - | Tr | 1010.5 | +2 | SW | 2 | b | 50 | 97 | 2 | 5 | - | 4.6 | 2150 | 1 | 2 | 68 | 48 | 44 | 0.3 | - | * | | |
| | Ross-on-Wye | 223 | 1011.0 | -2 | WSW | 2 | b | 51 | 92 | 7 | A | - | - | Tr | 1010.2 | -6 | E | 1 | b | 52 | 85 | 6 | - | - | 0 | 0 | 0 | 65 | 46 | 41 | 2 | - | 5.7 | | | |
| 5 | Hartland Point | 299 | 1011.3 | -10 | WSW | 3 | b | 57 | 85 | 8 | 2 | - | - | 4.6 | 1010.2 | -8 | SSE | 3 | c | 53 | 92 | 8 | - | 7 | - | Tr | 7.8 | 1500 | 0 | 8 | 61 | 51 | 49 | - | - | 8.5 |
| | Bristol | 209 | 1012.2 | -6 | SSW | 2 | b | 54 | 92 | 7 | 2 | - | - | 2.3 | 1011.1 | -6 | SSW | 2 | b | 55 | 85 | 7 | 8 | 4 | - | 1 | 1 | 3500 | 1 | 2 | 64 | 47 | 38 | 0.4 | - | 6.7 |
| | Portland Bill | 32 | 1012.4 | -8 | W | 3 | b | 58 | 92 | 8 | 5 | - | - | 4.6 | 1011.0 | -4 | S | 3 | c | 58 | 92 | 8 | 5 | 7 | - | 4.6 | 2500 | 1 | 4 | 62 | 57 | 57 | - | - | 6.7 | |
| | Plymouth | 82 | 1013.0 | -10 | SE | 2 | b | 50 | 97 | 6 | 5 | 8 | 0 | 4.6 | 1010.8 | -6 | ESE | 1 | b | 53 | 97 | 7 | 7 | - | 9 | 9 | 4000 | 0 | 2 | 65 | 49 | 47 | 3 | - | 5.2 | |
| | The Lizard | 240 | 1011.9 | -16 | SE/E | 2 | c | 56 | 92 | 8 | 8 | 2 | - | 7.8 | 1010.4 | -4 | SE | 2 | c | 58 | 97 | 3 | 5 | - | 10 | 10 | 800 | 1 | 2 | 64 | 55 | 55 | - | - | 7.5 | |
| | Scilly (St. Mary's) | 163 | 1011.5 | -14 | S | 2 | c | 58 | 92 | 8 | 2 | - | - | 7.8 | 1009.4 | -6 | SSE | 2 | c | 58 | 97 | 2 | - | - | 10 | 10 | 4150 | 1 | 2 | 63 | 58 | 58 | 0.5 | 0.3 | 5.6 | |
| | Guernsey | 175 | 1011.5 | -14 | S | 2 | c | 58 | 92 | 8 | 2 | - | - | 7.8 | 1009.4 | -6 | SSE | 2 | c | 58 | 97 | 2 | - | - | 10 | 10 | 4150 | 1 | 2 | 63 | 58 | 58 | 0.5 | 0.3 | 5.6 | |
| 6 | Pembroke | 142 | 1011.3 | -2 | WSW | 3 | b | 57 | 97 | 7 | 5 | - | - | 0 | 1009.6 | -6 | SSE | 3 | c | 53 | 92 | 7 | 8 | 6 | - | 7.8 | 9 | 2400 | 0 | 3 | 60 | 55 | 55 | - | - | 9.9 |
| | Holyhead (Valley) | 26 | 1009.5 | -2 | WSW | 2 | b | 57 | 97 | 8 | 5 | - | - | 0 | 1008.2 | -4 | SW | 2 | b | 57 | 92 | 8 | 8 | 3 | 8 | 2.3 | 4.6 | 2500 | 0 | 2 | 63 | 47 | 46 | - | - | 0.3 |
| | Chester (Sealand) | 16 | 1009.8 | -4 | WSW | 1 | b | 50 | 85 | 6 | 4 | - | - | 0 | 1008.8 | -6 | SE | 1 | b | 51 | 92 | 5 | 5 | 3 | - | 1 | 2.3 | 2500 | 0 | 2 | 64 | 48 | 40 | 0.2 | - | 4.6 |
| | Manchester | 70 | 1009.8 | 0 | SW | 2 | b | 49 | 92 | 5 | 5 | - | - | 2.3 | 1009.1 | -2 | SSE | 1 | b | 50 | 97 | 5 | 5 | 3 | - | 4.6 | 4.6 | 3000 | 1 | 2 | 64 | 45 | 39 | 3 | - | 6.9 |
| 10 | Spurn Head | 29 | 1008.5 | 0 | WS | 1 | b | 54 | 85 | 6 | 5 | - | - | 2.3 | 1008.6 | 0 | W | 3 | b | 55 | 85 | 6 | - | 8 | - | 0 | 2.3 | 0 | 3 | 61 | 53 | 53 | 1 | Tr | 6.5 | |
| | Catterick | 175 | 1008.0 | -2 | W | 0 | b | 53 | 85 | 6 | 5 | - | - | 2.3 | 1008.0 | 0 | WNW | 1 | c | 53 | 85 | 8 | 5 | 3 | 5 | 2.3 | 7.8 | 3500 | 0 | 2 | 64 | 50 | 43 | 3 | - | 5.7 |
| | Tynemouth | 108 | 1007.3 | 0 | NW | 2 | b | 55 | 85 | 7 | 2 | - | - | 4.6 | 1007.3 | 0 | W | 3 | c | 54 | 85 | 7 | 8 | - | 9 | 9 | 2400 | 1 | 2 | 64 | 52 | 50 | 0.3 | 1 | * | |
| 11 | St. Abbs Head | 280 | 1005.7 | +2 | WNW | 4 | b | 55 | 75 | 8 | 4 | 4 | - | 2.3 | 1005.9 | 0 | W | 3 | c | 53 | 85 | 8 | 5 | 4 | 4 | 4.6 | 7.8 | 3000 | 0 | 2 | 60 | 52 | 52 | 6 | - | * |
| | Leuchars | 36 | 1005.5 | +2 | W | 1 | c | 52 | 92 | 6 | 5 | - | - | 7.8 | 1005.5 | 0 | W | 2 | c | 52 | 92 | 9 | 5 | - | - | 9 | 9 | 3500 | 1 | 2 | 63 | 50 | 44 | 6 | - | 5.1 |
| | Renfrew (Abbots L.) | 19 | 1007.4 | +2 | WSW | 3 | m | 53 | 85 | 4 | 5 | - | - | 1 | 1007.1 | -2 | WS | 1 | c | 53 | 92 | 8 | 8 | 7 | 6 | 2.3 | 7.8 | 2500 | 1 | 2 | 63 | 48 | 41 | 2 | - | 3.6 |
| | Eskdalemuir | 794 | 1007.4 | +2 | WSW | 3 | m | 53 | 85 | 4 | 5 | - | - | 1 | 1007.1 | -2 | WS | 1 | c | 53 | 92 | 8 | 8 | 7 | 6 | 2.3 | 7.8 | 2500 | 1 | 2 | 63 | 48 | 41 | 2 | - | 3.6 |
| | Point of Ayre | 30 | 1009.1 | 0 | W | 2 | b | 50 | 92 | 8 | 5 | - | - | 1 | 1006.9 | -2 | SWW | 3 | b | 51 | 85 | 8 | 8 | 4 | 1 | 2.3 | 4.6 | 2500 | 1 | 2 | 60 | 41 | 42 | 5 | - | 3.5 |
| | Point of Ayre | 30 | 1009.1 | 0 | W | 2 | b | 50 | 92 | 8 | 5 | - | - | 1 | 1006.9 | -2 | SWW | 3 | b | 51 | 85 | 8 | 8 | 4 | 1 | 2.3 | 4.6 | 2500 | 1 | 2 | 60 | 41 | 42 | 5 | - | 3.5 |
| | Point of Ayre | 30 | 1009.1 | 0 | W | 2 | b | 50 | 92 | 8 | 5 | - | - | 1 | 1006.9 | -2 | SWW | 3 | b | 51 | 85 | 8 | 8 | 4 | 1 | 2.3 | 4.6 | 2500 | 1 | 2 | 60 | 41 | 42 | 5 | - | 3.5 |
| 13 | Tiree | 22 | 1008.0 | 0 | NW | 3 | b | 53 | 85 | 8 | 2 | 4 | - | 2.3 | 1007.1 | -4 | W | 0 | c | 55 | 65 | 8 | 2 | 3 | - | 4.6 | 7.8 | 2500 | 0 | 1 | 60 | 51 | 51 | - | - | 9.2 |
| | Stormoway | 80 | 1007.1 | 0 | WNW | 2 | c | 52 | 97 | 7 | 5 | 7 | - | 4.6 | 1006.3 | -6 | W | 0 | c | 53 | 97 | 7 | 5 | 7 | - | 7.8 | 9 | 3500 | 1 | 1 | 61 | 49 | 49 | 1 | - | 3.2 |
| 15 | Dalwhinnie | 1176 | 1007.1 | 0 | WNW | 2 | c | 52 | 97 | 7 | 5 | 7 | - | 4.6 | 1006.3 | -6 | W | 0 | c | 53 | 97 | 7 | 5 | 7 | - | 7.8 | 9 | 3500 | 1 | 1 | 61 | 49 | 49 | 1 | - | 3.2 |
| | Aberdeen | 79 | 1006.5 | -2 | W | 0 | b | 52 | 97 | 5 | 5 | - | - | 10 | 1006.2 | 0 | W | 0 | c | 47 | 97 | 7 | 5 | - | - | 4.6 | 9 | 1500 | 1 | 2 | 61 | 43 | 37 | 5 | 5 | 3.5 |
| | Wick | 119 | 1006.5 | -2 | W | 0 | b | 52 | 97 | 5 | 5 | - | - | 10 | 1006.2 | 0 | W | 0 | c | 47 | 97 | 7 | 5 | - | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Friday 22nd August 1941.
No. 29128

OBSERVATIONS at 13h. G.M.T. 21st August

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

PAST 24 HOURS.

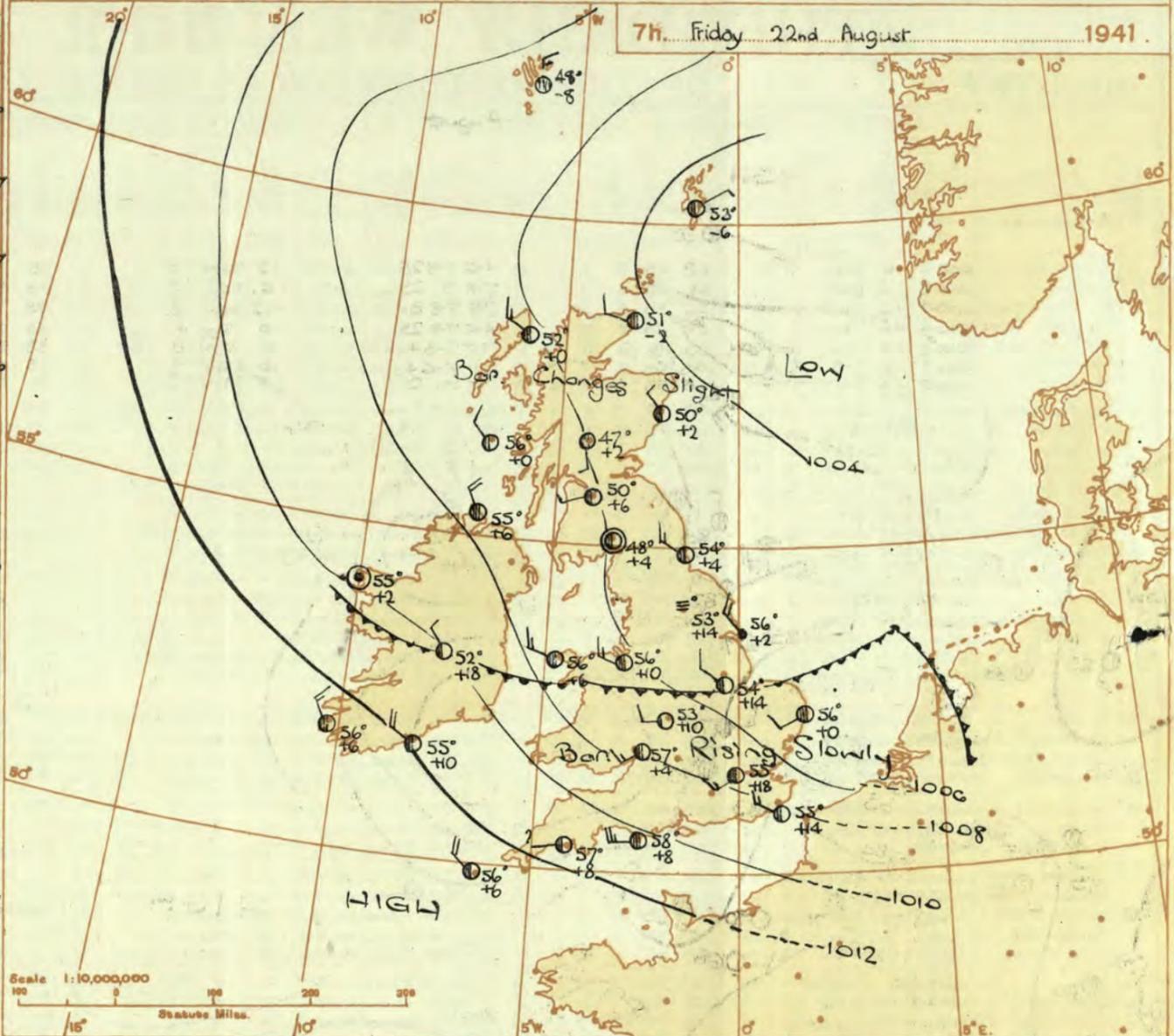
| District. | STATIONS.
(For heights see p. 4.) | Barom.
at
M.S.L.
mb.
(1) | Change in
8 hours.
(2) | Wind. | | Weather. | Temp.
°F.
(6) | ° Humid.
(7) | Visibility.
(8) | Cloud. | | | | Barom.
at
M.S.L.
mb.
(16) | Change in
8 hours.
(17) | Wind. | | Weather. | Temp.
°F.
(20) | ° Humid.
(21) | Visibility.
(22) | Cloud. | | | | Soa.
0-6
(30) | WEATHER. | | | | | | | | | |
|-----------|--------------------------------------|--------------------------------------|------------------------------|---------------|-----------------------|----------|---------------------|-----------------|--------------------|--------------|-----------------|---|---------------|---------------------------------------|-------------------------------|-----------------|---|----------|----------------------|------------------|---------------------|--------------------------|---------------------------|---------------------------|-------------------------|---------------------|----------|------|------|-----|------|--------|-----|------|------|---|
| | | | | Dirac.
(3) | Force.
0-12
(4) | | | | | Form.
(9) | Amount.
(10) | Height
of
Base.
(feet)
(14) | Form.
(23) | | | Amount.
(24) | Height
of
Base.
(feet)
(28) | | | | | 7h.-18h.
21st
(37) | 18h.-18h.
21st
(38) | 18h.-18h.
21st
(39) | 1h.-7h.
22nd
(40) | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High | Low | Med. | High | Low | Med. | High | |
| 1 | London (Kew) ... | 1003.8 | -6 | SWW | 3 | c | 63 | 65 | 8 | 2 | - | 6 | 4-6 | 7-8 | 2500 | 1007.5 | -12 | SSW | 3 | c | 61 | 75 | 8 | 7 | 4 | 6 | 2-3 | 9 | 2500 | 1 | * | bewc | c | c | c | c |
| | Croydon ... | 1010.2 | -6 | SSW | 3 | c | 63 | 55 | 8 | 2 | c | 3 | 7-8 | 9 | 2500 | 1008.1 | -6 | SSW | 3 | c | 62 | 75 | 8 | 4 | 9 | 4 | 2-3 | 7-8 | 3000 | 1 | * | bbeccy | c | c | c | c |
| | S. Farnborough | 1003.7 | -6 | WSW | 4 | c | 66 | 55 | 8 | 3 | - | 9 | 7-8 | 7-8 | 3000 | 1007.4 | -12 | SSW | 3 | bc | 62 | 75 | 8 | 2 | 5 | 2 | Tr | 4-6 | 4000 | 1 | * | bbeccy | c | c | c | c |
| | Boscombe Down | 1010.4 | -4 | SW | 3 | c | 64 | 65 | 8 | 2 | c | 6 | 4-6 | 7-8 | 2500 | 1007.8 | -10 | SW | 4 | c | 60 | 85 | 7 | 8 | 2 | - | 4-6 | 7-8 | 2500 | 0 | * | bc | c | c | c | c |
| | Thorney Island | 1010.5 | -4 | SW | 3 | c | 64 | 75 | 8 | 2 | 7 | 1 | Tr | 2-3 | 4000 | 1008.6 | -8 | SW | 4 | bc | 62 | 85 | 8 | 3 | 8 | 9 | 2-3 | 4-6 | 4000 | 0 | * | bfgw | c | c | c | c |
| | Lymington | 1011.7 | -2 | S | 2 | c | 65 | 65 | 8 | 2 | - | 9 | 4-6 | 4000 | 1009.9 | -10 | SSW | 2 | c | 61 | 75 | 8 | 1 | 5 | 6 | Tr | 7-8 | 4000 | 1 | * | bmgw | c | c | c | c | |
| | Manston | 1010.2 | -4 | SWW | 3 | c | 65 | 55 | 8 | 2 | 6 | 7 | 7-8 | 9 | 2500 | 1008.5 | -8 | SSW | 2 | c | 63 | 65 | 9 | 2 | 7 | 3 | Tr | 7-8 | 3000 | 1 | * | bmgw | c | c | c | c |
| 2 | Shoeburyness ... | 1010.7 | -6 | SSW | 2 | c | 67 | 55 | 8 | 8 | - | 2 | 4-6 | 7-8 | 4000 | 1008.5 | -10 | SSW | 2 | bc | 64 | 75 | 8 | 5 | 7 | - | 2-3 | 4-6 | 4000 | 0 | * | bmgw | c | c | c | c |
| | Felixstowe ... | 1003.5 | -2 | SSW | 4 | c | 67 | 75 | 5 | 8 | - | 9 | 9 | 9 | 2500 | 1007.6 | -10 | SW | 3 | c | 63 | 75 | 8 | 2 | 5 | 6 | Tr | 9 | 3000 | 1 | * | bmgw | c | c | c | c |
| | Gorleston ... | 1003.9 | -2 | SW | 2 | c | 64 | 75 | 7 | 5 | 3 | - | 4-6 | 9 | 2400 | 1008.0 | -6 | S | 3 | c | 65 | 65 | 7 | 8 | 3 | - | 4-6 | 7-8 | 2400 | 0 | 3 | bc | c | c | c | c |
| | Mildenhall | 1008.9 | -10 | WSW | 2 | c | 65 | 75 | 8 | 8 | 6 | 2 | 7-8 | 7-8 | 2500 | 1006.6 | -12 | SW'S | 3 | c | 66 | 65 | 8 | 2 | 7 | 2 | Tr | 7-8 | 4000 | 0 | * | cmwbc | c | c | c | c |
| | Cranwell | 1008.3 | -8 | WSW | 2 | c | 65 | 55 | 7 | 2 | 9 | - | 4-6 | 9 | 2000 | 1006.4 | -9 | SW'S | 3 | bc | 60 | 75 | 7 | 5 | 1 | - | 7-8 | 9 | 1500 | 0 | * | bc | c | c | c | c |
| 3 | Birmingham | 1008.2 | -8 | SSE | 1 | c | 63 | 55 | 8 | 8 | 7 | - | 9 | 9 | 2500 | 1005.6 | -16 | SSW | 2 | bc | 62 | 65 | 6 | 5 | - | - | 10 | 10 | 1500 | 1 | * | bc | c | c | c | c |
| 4 | Upper Heyford | 1003.5 | -4 | SW | 3 | c | 64 | 65 | 8 | 8 | 6 | 3 | 4-6 | 7-8 | 2000 | 1006.4 | -18 | SSW | 3 | c | 64 | 65 | 8 | 8 | 7 | - | 7-8 | 9 | 3000 | 1 | * | cmg | c | c | c | c |
| | Ross-on-Wye | 1008.4 | -8 | SSW | 3 | c | 65 | 65 | 8 | 7 | 3 | 9 | 4-6 | 7-8 | 4000 | 1006.0 | -14 | SW'S | 2 | bc | 59 | 67 | 6 | 6 | 1 | - | 9 | 10 | 1500 | 1 | * | bbecc | c | c | c | c |
| 5 | Hartland Point | 1008.5 | -10 | WSW | 3 | bc | 61 | 92 | 7 | 2 | 2 | - | 4-6 | 9 | 1500 | 1008.0 | +4 | WNW | 4 | c | 59 | 85 | 8 | 2 | 4 | - | 7-8 | 9 | 1500 | 1 | 4 | c | c | c | c | c |
| | Bristol ... | 1003.3 | -10 | SSW | 2 | c | 66 | 55 | 9 | 1 | 6 | 5 | 4-6 | 7-8 | 3000 | 1007.1 | -16 | SSW | 3 | bc | 60 | 85 | 6 | 5 | - | - | 10 | 10 | 1500 | 1 | 4 | bc | c | c | c | c |
| | Portland Bill | 1010.2 | -6 | SE | 3 | c | 62 | 85 | 8 | 2 | 4 | - | 4-6 | 9 | 4000 | 1008.0 | -12 | SSW | 3 | bc | 60 | 92 | 7 | 5 | - | - | 10 | 10 | 1500 | 1 | 4 | c | c | c | c | c |
| | Plymouth | 1010.0 | -2 | SW | 2 | c | 62 | 85 | 7 | 5 | 7 | 3 | 7-8 | 9 | 2000 | 1009.5 | 0 | WNW | 5 | bc | 61 | 75 | 8 | 7 | - | - | 4-6 | 4-6 | 2000 | 1 | 3 | cmg | c | c | c | c |
| | The Lizard | 1009.8 | -4 | W | 2 | c | 60 | 97 | 4 | 5 | - | 10 | 10 | 1000 | 1010.5 | 0 | WNW | 5 | bc | 61 | 75 | 8 | 8 | - | - | 4-6 | 4-6 | 2500 | 0 | 4 | cmg | c | c | c | c | |
| | Scilly (St. Mary's) | 1010.5 | +8 | NW | 5 | c | 62 | 85 | 8 | 5 | 2 | - | 7-8 | 10 | 1200 | 1011.0 | +4 | NW | 5 | bc | 60 | 75 | 8 | 8 | 4 | - | 2-3 | 2-3 | 1500 | 1 | 3 | ad | c | c | c | c |
| | Guernsey | 1008.0 | -14 | SW | 4 | bc | 58 | 97 | 6 | 8 | - | 9 | 10 | 2000 | 1008.0 | 0 | W | 5 | bc | 59 | 85 | 8 | 8 | 4 | - | 4-6 | 4-6 | 2500 | 1 | 3 | bc | c | c | c | c | |
| 7 | Holyhead (Valley) | 1006.8 | -10 | SSW | 4 | bc | 55 | 97 | 5 | 5 | - | 10 | 10 | 3000 | 1004.6 | -10 | W | 2 | c | 58 | 92 | 9 | 8 | 3 | 9 | - | 2-3 | 7-8 | 3500 | 1 | 2 | bc | c | c | c | c |
| | Chester (Sealand) | 1007.1 | -10 | SW | 3 | bc | 65 | 65 | 8 | 8 | - | 9 | 9 | 5000 | 1004.7 | -12 | SSE | 1 | bc | 65 | 85 | 5 | 5 | 2 | - | - | 10 | 10 | 700 | 1 | * | bc | c | c | c | c |
| 8 | Manchester | 1007.7 | -10 | W | 2 | c | 63 | 65 | 8 | 8 | - | 7-8 | 10 | 3000 | 1005.6 | -16 | ESE | 1 | bc | 48 | 85 | 3 | 5 | 7 | - | - | 7-8 | 10 | 3500 | 1 | * | bc | c | c | c | c |
| 10 | Spurn Head | 1008.0 | -2 | SSW | 1 | c | 65 | 65 | 6 | 1 | 9 | - | 7-8 | 9 | 4000 | 1006.0 | -4 | NW | 2 | bc | 61 | 75 | 6 | 3 | 7 | - | 9 | 9 | 2500 | 1 | 2 | bc | c | c | c | c |
| | Catterick | 1007.3 | -6 | WNW | 1 | c | 62 | 65 | 9 | 2 | 7 | 7 | 2-3 | 10 | 3500 | 1006.0 | -4 | W | 0 | bc | 59 | 75 | 7 | 5 | 7 | - | 2-3 | 10 | 2200 | 1 | * | bc | c | c | c | c |
| | Tynemouth | 1007.9 | 0 | W | 3 | c | 62 | 55 | 7 | 8 | 3 | - | 4-6 | 9 | 3200 | 1006.4 | -6 | W | 2 | bc | 59 | 65 | 6 | 8 | - | - | 9 | 9 | 3800 | 1 | 2 | bc | c | c | c | c |
| 11 | St. Abbs Head | 1006.0 | 0 | NNE | 2 | c | 56 | 85 | 8 | 3 | 7 | 9 | 2-3 | 7-8 | 2500 | 1005.6 | 0 | NW | 2 | bc | 56 | 85 | 8 | 8 | 2 | - | 4-6 | 9 | 2000 | 1 | 2 | c | c | c | c | c |
| | Leuchars | 1005.4 | -8 | E | 3 | bc | 62 | 75 | 9 | 2 | 4 | 9 | 2-3 | 4-6 | 3200 | 1004.6 | -6 | - | 0 | c | 55 | 85 | 8 | 5 | 7 | - | 7-8 | 10 | 2200 | 1 | * | bc | c | c | c | c |
| 12 | Rearrew (Abbots L.) | 1006.7 | -2 | SWW | 3 | bc | 57 | 75 | 8 | 5 | - | 10 | 10 | 7200 | 1006.3 | -6 | WSW | 1 | c | 58 | 65 | 8 | 5 | 7 | - | 4-6 | 9 | 2500 | 1 | * | bc | c | c | c | c | |
| | Eskdalemuir | 1006.6 | 0 | SWW | 3 | bc | 55 | 85 | 8 | 5 | - | 10 | 10 | 1500 | 1004.9 | -8 | SW | 2 | c | 55 | 85 | 8 | 5 | - | - | 9 | 9 | 1500 | 1 | * | bc | c | c | c | c | |
| | Point of Ayre | 1006.9 | -6 | S | 2 | bc | 57 | 92 | 7 | 6 | 2 | - | 4-6 | 10 | 1500 | 1004.7 | -10 | NW | 1 | c | 56 | 97 | 7 | 6 | 2 | - | 9 | 10 | 600 | 1 | 1 | c | c | c | c | c |
| 13A | Tiree | 1006.9 | 0 | NW | 1 | bc | 58 | 85 | 8 | 8 | - | - | 4-6 | 4-6 | 2500 | 1006.3 | 0 | - | 0 | bc | 58 | 85 | 8 | 1 | 3 | - | 1 | 2-3 | 2800 | 0 | 1 | bc | c | c | c | c |
| 13B | Stornoway | 1006.4 | +2 | SSE | 1 | bc | 58 | 85 | 7 | 5 | 7 | - | 7-8 | 9 | 2500 | 1006.0 | 0 | NE | 2 | c | 58 | 85 | 8 | 5 | 7 | - | 4-6 | 9 | 2500 | 1 | 1 | bc | c | c | c | c |
| 16 | Dalwhinnie | 1006.4 | -6 | WNW | 3 | c | 56 | 75 | 8 | 8 | - | 2 | 7-8 | 9 | 2500 | 1005.5 | 0 | N | 1 | bc | 58 | 75 | 7 | 7 | - | - | 9 | 9 | 2500 | 1 | 1 | c | c | c | c | c |
| | Aberdeen | 1006.0 | -4 | ESE | 1 | bc | 57 | 85 | 6 | 9 | 9 | - | 7-8 | 9 | 1500 | 1005.2 | -2 | ESE | 1 | bc | 55 | 97 | 6 | 6 | 7 | - | 9 | 10 | 1200 | 1 | 1 | bc | c | c | c | c |
| | Wick | 1006.4 | -6 | E | 2 | bc | 57 | 85 | 8 | 2 | 3 | 1 | 2-3 | 2-3 | 2500 | 1006.0 | -2 | ESE | 2 | bc | 57 | 85 | 7 | 5 | 3 | 3 | 2-3 | 2-3 | 1000 | 0 | * | bc | c | c | c | c |
| 16 | Sumburgh | 1006.7 | -2 | NE/E | 3 | c | 58 | 85 | 8 | 7 | - | - | 7-8 | 7-8 | 2000 | 1006.7 | -4 | NE/E | 2 | bc | 57 | 85 | 5 | 8 | 3 | 8 | 4-6 | 4-6 | 1800 | * | * | bc | c | c | c | c |
| 17 | Blackhead Point | 1004.1 | -4 | W'S | 4 | c | 59 | 85 | 7 | 5 | - | 10 | 10 | 1500 | 1003.7 | 0 | WN | 5 | bc | 58 | 97 | 7 | 5 | | | | | | | | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 25 August 18h. G.M.T. | | | | 01h. G.M.T. 22 August 07h. G.M.T. | | | | | | | | |
|-----------------------------------|----------------|--------------------|--------|-----------------------------------|--------------------|-------|----------------|--------------------|-------|----|-------|-------|
| III | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | | | |
| 109 | 9 | 05745 | 06125 | 8 | 05675 | 04225 | 52 | 03745 | 22228 | 53 | 02823 | 28126 |
| 115 | 84 | 05844 | 12226 | 84 | 05734 | 08226 | 52 | 09734 | 06227 | 84 | 05734 | 24126 |
| 203 | 5 | 05833 | 24413 | 8 | 05833 | 04213 | 00 | 00830 | 24210 | 00 | 05830 | 32310 |
| 206 | 84 | 02864 | 10226 | 87 | 02864 | 00086 | 5 | 02646 | 00026 | 53 | 02866 | 24127 |
| 210 | 37 | 02864 | 01226 | 83 | 01852 | 07213 | 5 | 01754 | 00014 | 52 | 05644 | 22227 |
| 220 | 53 | 25856 | 28386 | 83 | 81954 | 29115 | | | | 80 | 02845 | 28115 |
| 230 | 87 | 02864 | 20225 | 83 | 02952 | 20216 | 50 | 00852 | 24112 | 8 | 01844 | 28214 |
| 245 | 94 | 82745 | 15367 | 87 | 25854 | 12187 | 52 | 05547 | 24168 | 73 | 02864 | 24267 |
| 260 | 27 | 02855 | 32286 | 87 | 02764 | 22127 | 00 | 05530 | 24110 | 53 | 05574 | 22117 |
| 278 | 52 | 62643 | 12268 | 87 | 62743 | 13267 | 87 | 62855 | 26286 | 87 | 01833 | 28314 |
| 279 | 12 | 62753 | 21328 | 52 | 64645 | 20168 | 5 | 05658 | 08228 | 74 | 05655 | 28226 |
| 285 | 23 | 08855 | 26428 | 27 | 81744 | 28188 | | | | 23 | 05634 | 24466 |
| 288 | 24 | 02854 | 22226 | 22 | 25665 | 02288 | 5 | 08468 | 00028 | 5 | 47348 | 24148 |
| 575 | 87 | 02855 | 12157 | | | | 5 | 02748 | 10158 | | | |
| 801 | 57 | 61754 | 26127 | 52 | 64634 | 12268 | 20 | 05644 | 24164 | 56 | 25754 | 30126 |
| 321 | 87 | 02764 | 18117 | 62 | 64546 | 26168 | 62 | 22445 | 00068 | 53 | 05664 | 20244 |
| 299 | 57 | 01754 | 14115 | | | | 5 | 62448 | 22268 | 57 | 05644 | 26225 |
| 292 | 87 | 02854 | 24217 | 57 | 63754 | 00068 | 02 | 03548 | 00068 | 03 | 05630 | 28144 |
| 310 | -- | 01653 | 26215 | -- | 64623 | 24368 | | | | -- | 67103 | 26340 |
| 614 | 84 | 02754 | 20326 | 57 | 61575 | 00087 | 50 | 05652 | 22162 | 8 | 25656 | 22286 |
| 333 | 52 | 54625 | 16368 | 17 | 02843 | 18268 | 24 | 02855 | 22385 | 52 | 54635 | 24358 |
| 334 | -- | 64437 | 24268 | -- | 56437 | 24158 | | | | -- | 02644 | 24315 |
| 340 | 83 | 02856 | 21317 | 02 | 61668 | 14268 | 50 | 04663 | 24263 | 50 | 01874 | 00014 |
| 136 | 86 | 02764 | 21316 | 87 | 02853 | 16286 | | | | 5 | 02438 | 27568 |
| 336 | 62 | 81653 | 316488 | 53 | 22763 | 16365 | | | | 62 | 62653 | 24368 |
| 350 | 27 | 02854 | 18326 | | | | | | | 54 | 01732 | 20413 |
| 368 | 71 | 02875 | 14227 | 6 | 61727 | 22467 | | | | | | |
| 379 | 23 | 02844 | 20325 | 53 | 02866 | 18327 | 57 | 02765 | 20366 | 54 | 01741 | 20311 |
| 390 | 30 | 02874 | 23316 | 29 | 02763 | 17226 | 52 | 22645 | 24366 | 53 | 01763 | 26414 |
| 382 | 15 | 02864 | 18217 | 89 | 02864 | 18327 | 50 | 01763 | 24303 | 03 | 00730 | 22313 |
| 438 | 50 | 01854 | 20314 | | | | | | | 5 | 02755 | 24515 |
| 430 | 24 | 01963 | 14314 | 85 | 01943 | 16213 | 50 | 00641 | 26311 | 8 | 01865 | 24315 |
| 409 | 5 | 58418 | 17328 | 30 | 25846 | 25486 | 50 | 01743 | 58503 | 57 | 02844 | 57527 |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C, C_M - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 22nd August

| | |
|---------------------------------|---|
| 1 S.E. England | |
| 2 E. England ... | Light to moderate west to northwest winds; some showers with bright periods. Local thunderstorms probably developing in eastern districts in the afternoon; cool. |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Moderate northwest winds, fresh locally on the coast, decreasing. Bright periods; some local showers; rather cool. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | Light northwest winds; showers and brighter periods; cool. |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | |
| 13A. W. Scotland | |
| 13B. 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 | 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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 - Warm Front on the Surface
 - Warm Front above the ground
 - Cold Front on the surface
 - Cold Front above the ground
 - Occluded Front (or Occlusion)
 - Warm Occlusion
 - Cold Occlusion
 - Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

Pressure is low to east and northeast of the British Isles and highest between the Azores and Southwest Ireland. Cool, rather showery weather will prevail with bright periods in most districts. Local thunderstorms are expected in the late afternoon in East and Southeast England.

FURTHER OUTLOOK.

Continuing rather cool and showery in northern and eastern districts; mainly fair in the Southwest.

Forecasts issued at 1030 G.M.T.

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

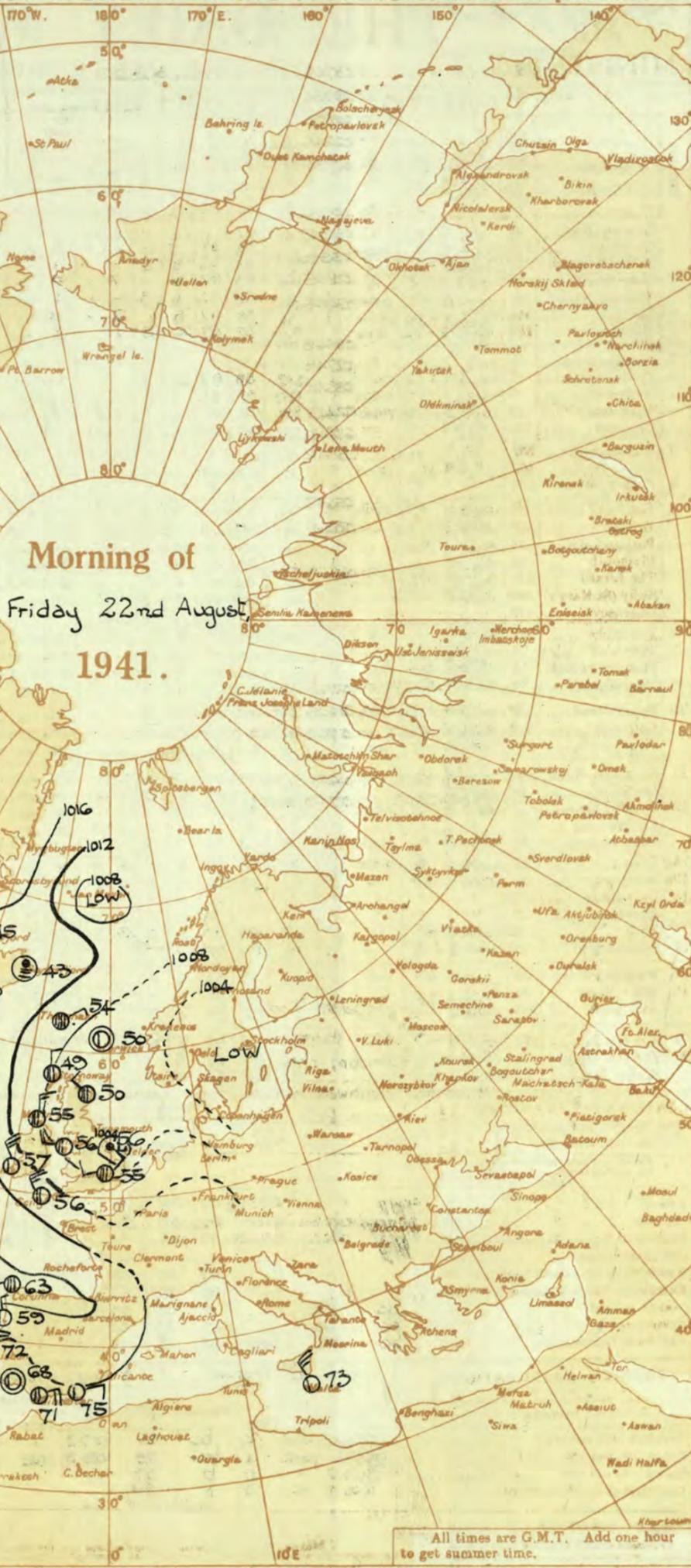
H.M.S.O. Press, Meteorological Office, Dunstable.

6289/4120. No. 876 G. 6034 Sp. 240 3500 3/41

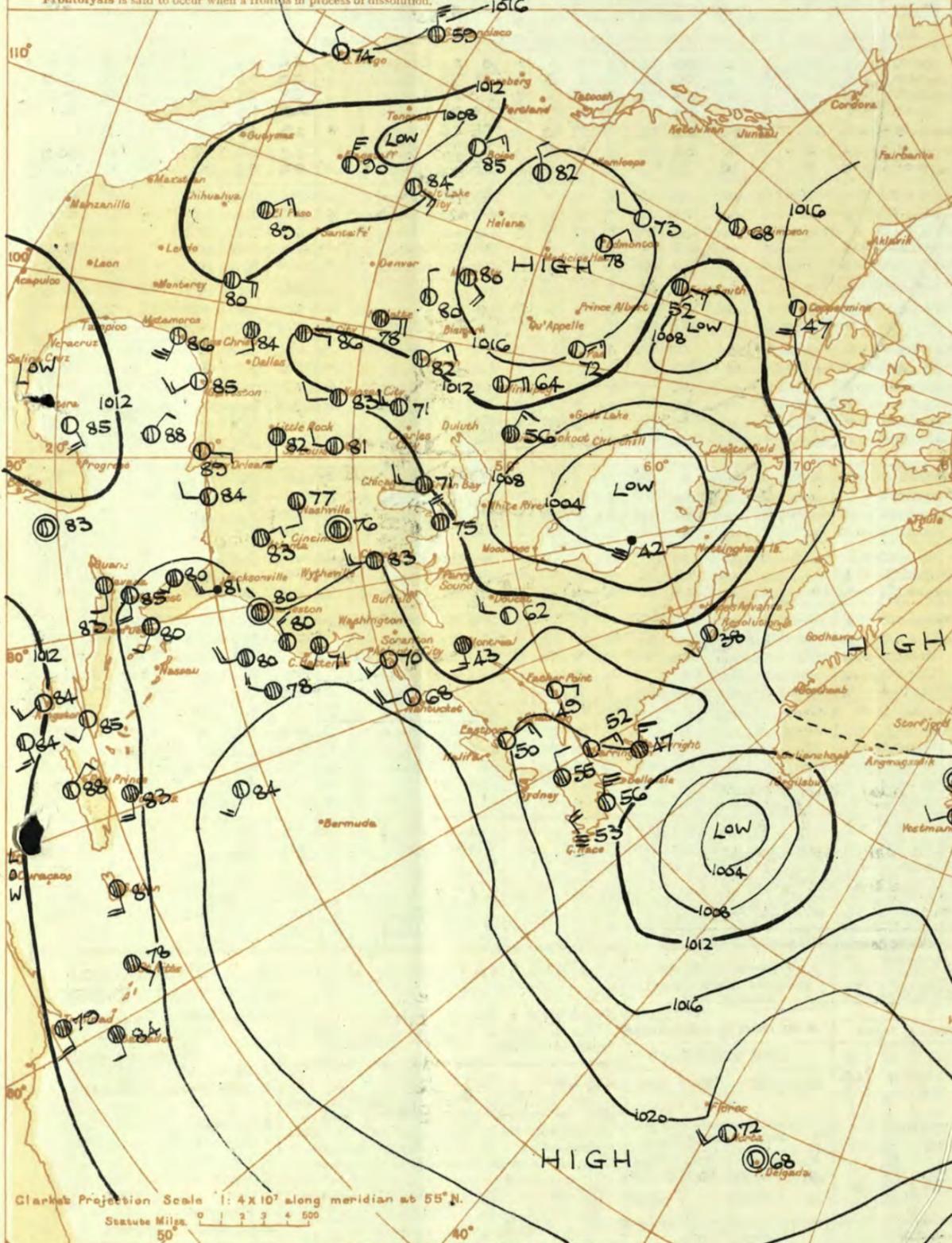
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbol placed along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
 Friday 22nd August
 1941.



Clark'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. Δ Hail.
 Fog ≡ Mist ≡ Thunder (T) Thunderstorm. ☼ Slight haze. ☽
 Hours of observation:—Azores, Greenland, Ships, etc. G.M.T. America and Europe, mainly 1h, G.M.T.; U.S.S.R. (Europe and Asia), 1h, local time.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table with columns for District, Stations, Observations at 1 hr. G.M.T., Observations at 7 hr. G.M.T., and Past 24 Hours. Includes data for London (Kew), Shoeburyness, Birmingham, etc.

LONDON OBSERVATIONS table with columns for Day, Night, 24 hrs. ended 9h, and station names like Kew, Croydon, etc.

Table with columns for Weather, Temperature, Rainfall, Sunshine, Humidity, and Atmospheric Pollution.

Table with columns for Atmospheric Pollution, South Kensington, and Kew Observatory.

EXPLANATION OF FIGURES, LETTERS, etc. section with columns for COLUMNS 2, 16, 4, 18, 34, 35, and 30.

Table with columns for COLUMNS 8, 22, and 30, detailing codes for surface visibility, state of sea, and other weather indicators.

FOREIGN OBSERVATIONS table with columns for Stations, Barom., Wind, Weather, Temp., and Past 24 Hours.

Table with columns for Barom., Wind, Weather, Temp., and Past 24 Hours for foreign stations.

Table with columns for Max. Day, Min. Night, Day, Night, and Rainfall.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

BRITISH SECTION

Saturday 22nd August 1941.

No 29129

OBSERVATIONS at 13h. G.M.T. 22nd August

OBSERVATIONS at 18h. G.M.T. 22nd August

PAST 24 HOURS.

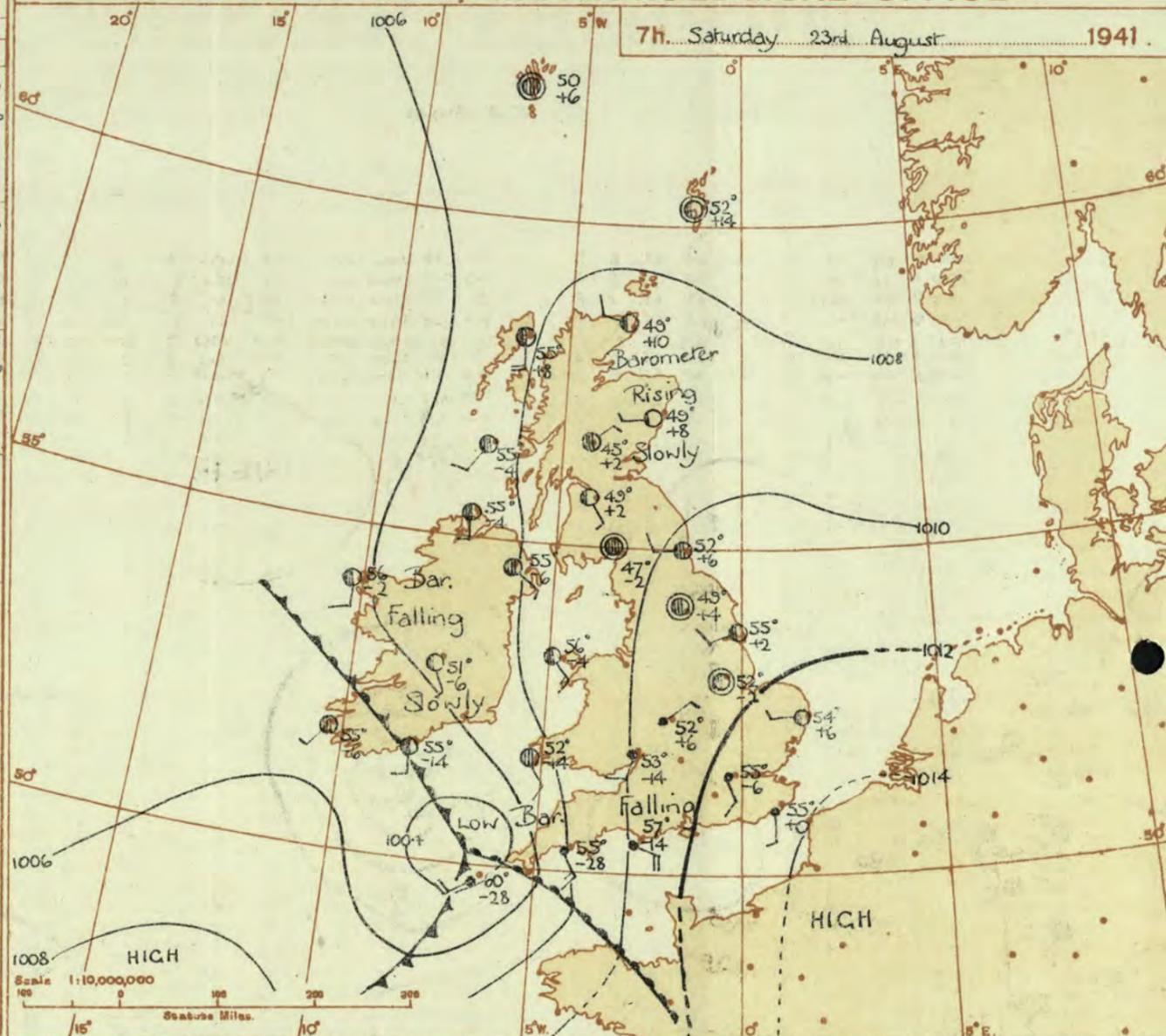
| District. | STATIONS.
(For heights see p. 4.) | Barom.
at
M.S.L.
mb.
(1) | Change in
8 hours.
(2) | Wind. | | Weather.
(5) | Temp.
°F.
(6) | Humid.
%
(7) | Visibility.
0-9
(8) | Cloud. | | | | Barom.
at
M.S.L.
mb.
(15) | Change in
8 hours.
(16) | Wind. | | Weather.
(19) | Temp.
°F.
(20) | Humid.
%
(21) | Visibility.
0-9
(22) | Cloud. | | | | State of
Ground.
0-9
(29) | Sea.
0-9
(30) | WEATHER. | | | | | | |
|-----------|--------------------------------------|--------------------------------------|------------------------------|---------------|-----------------------|-----------------|---------------------|--------------------|---------------------------|--------------|-----------------|---|----------------|---------------------------------------|-------------------------------|------------------------|---------------|------------------|----------------------|---------------------|----------------------------|-----------------|---|---------------------------|----------------------------|------------------------------------|---------------------|----------------------------|--------------------------|------|-----------|---------|----------|----------|
| | | | | Direc.
(3) | Force.
0-12
(4) | | | | | Form.
(9) | Amount.
(10) | Height
of
Base.
(feet)
(14) | Direc.
(17) | | | Force.
0-12
(18) | Form.
(23) | | | | | Amount.
(24) | Height
of
Base.
(feet)
(28) | 7h.—13h.
22nd.
(37) | 13h.—18h.
22nd.
(38) | | | 18h.—24h.
23rd.
(39) | 1h.—7h.
23rd.
(40) | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High. | Low. | Med. |
| 1 | London (Kew)... | 1010.4 | +4 | W | 3 | c | 64 | 65 | 8 | 8 | - | 9 | 9 | 1500 | 1011.9 | +6 | WSW | 3 | c | 64 | 65 | 8 | 6 | - | 6 | 4-6 | 7-8 | 2500 | 1 | * | cbcc | c | cbcbw | bcwpgc |
| | Croydon ... | 1010.4 | +6 | W | 3 | c | 63 | 75 | 8 | 2 | 6 | - | 2-3 | 7-8 | 2000 | 1012.1 | +6 | WSW | 3 | c | 63 | 75 | 8 | 2 | 4 | 6 | 2-3 | 7-8 | 3000 | 1 | * | bcc | bcbw | bcw,ccig |
| | S. Farnborough | 1010.8 | +6 | WSW | 3 | c | 63 | 65 | 8 | 3 | - | 9 | 9 | 2500 | 1012.5 | +8 | W | 4 | c | 63 | 65 | 8 | 1 | 3 | 9 | Tr | 9 | 3000 | 1 | * | bcc | cbpr,be | bcw,ccig | |
| | Boscombe Down | 1011.4 | +12 | W | 5 | c | 63 | 65 | 8 | 6 | - | 4-6 | 7-8 | 2500 | 1013.0 | +6 | W | 4 | bc | 60 | 75 | 8 | 1 | 2 | 9 | 2-3 | 4-6 | 3000 | 0 | * | cmoe | bc | bcw,ccig | |
| | Thorney Island | 1012.2 | +4 | W | 3 | c | 65 | 75 | 8 | 7 | - | 9 | 9 | 5700 | 1013.1 | +10 | WSW | 4 | bc | 62 | 65 | 8 | 3 | 2 | 9 | 2-3 | 4-6 | 5500 | 1 | * | cbcc | cbcc | cbw,ccig | |
| | Lymington | 1011.4 | +6 | W | 3 | c | 64 | 65 | 8 | 2 | 7 | - | 9 | 9 | 2500 | 1013.5 | +10 | WSW | 3 | c | 61 | 85 | 8 | 1 | 2 | 9 | 4-6 | 7-8 | 1200 | 1 | § | bcw,be | cbpr,c | cbw,ccig |
| | Manston | 1009.9 | +10 | W | 4 | bc | 67 | 55 | 8 | 2 | 6 | - | 4-6 | 4-6 | 4000 | 1011.9 | +6 | WSW | 3 | c | 63 | 75 | 8 | 7 | 9 | 6 | Tr | 9 | 4000 | 1 | * | bcc,be | cbpr,c | cbw,ccig |
| 2 | Shoeburyness ... | 1010.3 | +6 | W | 3 | c | 65 | 65 | 8 | 8 | - | 9 | 9 | 2500 | 1011.9 | +8 | WSW | 3 | pr | 64 | 75 | 8 | 3 | 7 | - | 4-6 | 9 | 2500 | 1 | * | bemo | cbpr | cbw,ccig | |
| | Felixstowe ... | 1008.7 | +14 | W | 2 | c | 67 | 65 | 8 | 3 | - | 4-6 | 7-8 | 2500 | 1010.8 | +10 | WN | 2 | pr | 64 | 75 | 8 | 8 | 6 | - | 7-8 | 9 | 6000 | 1 | 1 | bcc | cbpr | cbw,ccig | |
| | Gorleston ... | 1008.3 | +20 | W | 4 | c | 61 | 85 | 6 | 5 | - | 9 | 9 | 1800 | 1010.5 | +8 | WSW | 1 | bc | 64 | 65 | 7 | 2 | 4 | - | 2-3 | 4-6 | 3000 | 0 | 2 | oidoc | cbcc | cbw,ccig | |
| | Mildenhall ... | 1008.7 | +10 | W | 4 | c | 67 | 75 | 7 | 3 | 7 | - | 7-8 | 9 | 3500 | 1010.4 | +8 | SW | 2 | c | 64 | 75 | 7 | 8 | 7 | 8 | 2-3 | 7-8 | 2500 | 0 | * | c | cbcc | cbw,ccig |
| | Cranwell ... | 1008.3 | +12 | W | 3 | bc | 60 | 85 | 6 | 6 | - | 9 | 9 | 3500 | 1009.9 | +4 | WNW | 3 | e | 63 | 65 | 7 | 2 | 6 | 5 | Tr | 7-8 | 2500 | 1 | * | cbpr,cmoe | cbcc | cbw,ccig | |
| 3 | Birmingham ... | 1009.4 | +8 | W | 2 | c | 64 | 65 | 8 | 8 | 7 | - | 7-8 | 7-8 | 2500 | 1011.1 | +6 | N | 3 | c | 62 | 65 | 8 | 5 | - | 9 | 9 | 4000 | 1 | * | bcc | cbpr,be | cbw,ccig | |
| | Upper Heyford | 1009.3 | +6 | W | 3 | c | 64 | 65 | 8 | 6 | 6 | - | 7-8 | 7-8 | 2000 | 1011.4 | +4 | W | 3 | pr | 59 | 92 | 6 | 9 | 7 | 6 | 7-8 | 9 | 900 | 1 | 1 | bcc | cbpr | cbw,ccig |
| 4 | Ross-on-Wye ... | 1010.0 | +6 | W | 4 | bc | 65 | 65 | 9 | 7 | - | 4-6 | 4-6 | 4000 | 1011.7 | +14 | WNW | 3 | bc | 63 | 65 | 8 | 8 | - | 8 | 2-3 | 4-6 | 4000 | 1 | * | cbcc | cbcc | cbw,ccig | |
| 5 | Hartland Point | 1012.8 | +10 | W | 4 | c | 60 | 75 | 8 | 2 | - | 9 | 9 | 2200 | 1013.4 | -6 | WNW | 2 | c | 58 | 85 | 9 | 5 | 2 | - | 4-6 | 9 | 2000 | 0 | 4 | cbcc | c | cbw,ccig | |
| | Bristol ... | 1011.5 | +10 | W | 4 | c | 62 | 75 | 8 | 7 | - | 2-3 | 7-8 | 3000 | 1012.9 | 0 | WS | 4 | c | 59 | 85 | 8 | 7 | 2 | 2 | 2-3 | 3 | 2600 | 1 | 1 | c | cbcc | cbw,ccig | |
| | Portland Bill ... | 1012.7 | +6 | WSW | 5 | c | 60 | 92 | 8 | 2 | - | 10 | 10 | 4000 | 1013.5 | +4 | W | 4 | c | 60 | 85 | 8 | 5 | 2 | - | 7-8 | 10 | 4000 | 1 | 5 | c | c | cbw,ccig | |
| | Plymouth ... | 1013.3 | +2 | WNW | 4 | c | 63 | 65 | 8 | 1 | - | 7-8 | 7-8 | 2500 | 1014.3 | -2 | WNW | 1 | c | 61 | 75 | 8 | 1 | 4 | 17 | 2-3 | 9 | 3000 | 0 | 3 | cbcc | cbcc | cbw,ccig | |
| | The Lizard ... | 1014.5 | +8 | WNW | 4 | bc | 62 | 75 | 8 | 8 | 6 | - | 4-6 | 4-6 | 3500 | 1014.6 | -8 | WS | 2 | c | 58 | 85 | 8 | 8 | 6 | - | 7-8 | 9 | 2500 | 0 | 3 | bc | c | cbw,ccig |
| | Scilly (St. Mary's) | 1015.0 | +6 | WN | 2 | c | 63 | 75 | 8 | 3 | 5 | 4-6 | 7-8 | 1800 | 1014.4 | -8 | SW | 1 | c | 60 | 75 | 8 | 3 | 7 | - | 4-6 | 9 | 1800 | 0 | 2 | cbcc | c | cbw,ccig | |
| | Guernsey | 1013.6 | +8 | WN | 4 | c | 59 | 85 | 7 | 8 | 2 | - | 7-8 | 9 | 2500 | 016.3 | -4 | SW | 3 | bc | 58 | 92 | 8 | 2 | 0 | - | 4-6 | 4-6 | 3000 | 0 | 3 | cbcc | cbcc | cbw,ccig |
| 6 | Pembroke ... | 1010.7 | +12 | WN | 4 | bc | 62 | 75 | 8 | 2 | - | 2-3 | 2-3 | 2000 | 1011.7 | +2 | SW | 3 | bc | 59 | 85 | 9 | 2 | 0 | 6 | 0 | 4-6 | - | - | 0 | 2 | d | cbcc | cbw,ccig |
| 7 | Holyhead (Valley) | 1010.0 | +14 | WNW | 5 | bc | 60 | 75 | 7 | 2 | - | 4-6 | 4-6 | 1200 | 1011.2 | +4 | WNW | 3 | bc | 61 | 65 | 7 | 2 | - | 6 | 1 | 4-6 | 2000 | 1 | * | cbcc | cbcc | cbw,ccig | |
| 8 | Chester (Sealand) | 1009.2 | +12 | W | 4 | bc | 61 | 65 | 8 | 3 | 6 | - | 4-6 | 4-6 | 2500 | 1011.3 | +18 | WN | 3 | c | 59 | 75 | 8 | 1 | 6 | - | 4-6 | 7-8 | 3000 | 0 | * | cbcc | cbcc | cbw,ccig |
| 10 | Spurn Head ... | 1007.4 | +10 | NE | 2 | c | 60 | 85 | 7 | 5 | - | 9 | 9 | 2500 | 1009.1 | +6 | S | 2 | bc | 60 | 85 | 7 | 8 | 6 | - | 4-6 | 4-6 | 2500 | 0 | 2 | cbcc | c | cbw,ccig | |
| | Catterick ... | 1007.2 | +2 | NNW | 2 | c | 63 | 55 | 8 | 3 | - | 4-6 | 7-8 | 2500 | 1008.7 | +12 | W | 3 | bc | 63 | 65 | 8 | 8 | 7 | - | 2-3 | 4-6 | 3200 | 0 | * | cbcc | cbcc | cbw,ccig | |
| | Tynemouth ... | 1007.1 | +8 | W | 1 | c/pr | 56 | 85 | 6 | 2 | 3 | - | 4-6 | 7-8 | 2400 | 1008.7 | +6 | W | 3 | c/pr | 59 | 75 | 6 | 8 | - | 9 | 9 | 2400 | 1 | 2 | cbcc | cbcc | cbw,ccig | |
| 11 | St. Abbs Head | 1006.3 | +4 | W | 2 | c | 57 | 85 | 8 | 8 | 4 | - | 4-6 | 7-8 | 2000 | 1007.1 | +2 | W | 2 | bc | 60 | 65 | 8 | 2 | 4 | - | 1 | 4-6 | 2500 | 1 | 2 | c | cbcc | cbw,ccig |
| | Leuchars ... | 1005.5 | -2 | W | 3 | bc | 65 | 55 | 9 | 2 | 4 | - | 4-6 | 4-6 | 4000 | 1006.3 | +2 | WSW | 2 | bc | 61 | 75 | 9 | 8 | - | 4-6 | 4-6 | 4000 | 1 | * | cbcc | cbcc | cbw,ccig | |
| 12 | Rentrew (Abbots L.) | 1007.8 | +10 | W | 4 | pr | 62 | 65 | 8 | 8 | - | 7-8 | 7-8 | 3000 | 1008.8 | +10 | WNW | 3 | bc | 60 | 65 | 9 | 8 | 4 | 6 | 2-3 | 4-6 | 3000 | 1 | * | cbcc | cbcc | cbw,ccig | |
| | Eskdalemuir ... | 1006.8 | +4 | WN | 3 | c | 60 | 65 | 8 | 4 | - | 4-6 | 7-8 | 2500 | 1008.3 | +8 | WNW | 3 | b | 57 | 65 | 8 | 7 | 4 | - | 1 | 2-3 | 2500 | 1 | * | c | cbcc | cbw,ccig | |
| | Point of Ayre ... | 1009.9 | +12 | WNW | 4 | b | 63 | 75 | 8 | 2 | - | 1 | 1 | 3500 | 1010.4 | +6 | WNW | 2 | c | 59 | 75 | 8 | 4 | 7 | - | 2-3 | 9 | 5000 | 0 | 2 | cbcc | cbcc | cbw,ccig | |
| 13a | Three ... | 1008.9 | +8 | WNW | 3 | bc | 60 | 75 | 8 | 1 | - | 2-3 | 2-3 | 2800 | 1008.9 | 0 | WN | 2 | c | 58 | 85 | 8 | 8 | - | - | 7-8 | 7-8 | 2800 | 0 | 3 | bc | bc | cbw,ccig | |
| 13b | Stornoway ... | 1007.0 | 0 | WNW | 3 | pr | 58 | 85 | 7 | 8 | 7 | - | 7-8 | 10 | 1800 | 1007.3 | +2 | W | 2 | c | 58 | 75 | 8 | 5 | 6 | 1 | 4-6 | 9 | 2500 | 1 | 2 | cbcc | cbcc | cbw,ccig |
| 16 | Dalwhinnie ... | 1006.7 | -2 | W | 3 | bc | 61 | 55 | 8 | 8 | - | 4-6 | 4-6 | 2500 | 1007.9 | +8 | W | 4 | c | 54 | 75 | 8 | 4 | 4 | - | 4-6 | 7-8 | 2500 | 0 | * | cbcc | cbcc | cbw,ccig | |
| | Aberdeen ... | 1005.6 | +4 | WN | 1 | cb | 55 | 85 | 6 | 9 | - | 9 | 9 | 2800 | 1006.5 | 0 | WSW | 1 | pr | 56 | 85 | 6 | 9 | - | - | 7-8 | 7-8 | 1800 | 1 | 2 | cbcc | cbcc | cbw,ccig | |
| | Wick ... | 1005.2 | 0 | WNW | 3 | c/pr | 59 | 85 | 9 | 2 | 7 | - | 7-8 | 9 | 2500 | 1006.0 | +2 | WN | 3 | bc | 57 | 85 | 8 | 3 | - | 2-3 | 4-6 | 3000 | 0 | * | pr | cbcc | cbw,ccig | |
| 16 | Sumburgh ... | 1004.2 | -2 | W | 2 | bc | 58 | 85 | 8 | 2 | - | 2-3 | 4-6 | 1900 | 1004.9 | +2 | W | 2 | bc | 56 | 85 | 8 | 4 | - | 4 | 2-3 | 4-6 | 2500 | * | * | f | cbcc | cbw,ccig | |
| 17 | Blackod Point ... | 1010.9 | +4 | WSW | 3 | c | 61 | 85 | 8 | 2 | 6 | - | 4-6 | 9 | 2500 | 1009.8 | -10 | SW | 3 | c | 58 | 85 | 8 | 5 | - | - | 7-8 | 10 | 1500 | 0 | 4 | c | c | cbw,ccig |
| 18 | Malin Head ... | 1009.4 | +6 | W | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 22nd August 1941 | | | | 15h. G.M.T. | | | | 01h. G.M.T. 23rd August 1941 | | | | 07h. G.M.T. | | | |
|------------------------------|----------------|--------------------|-------|----------------|--------------------|-------|----------------|------------------------------|-------|----------------|--------------------|-------------|----------------|--------------------|-------|
| III | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN |
| 109 | 87 | 02854 | 24324 | 8- | 25846 | 26326 | 5- | 02845 | 24125 | 50 | 01843 | 00023 | | | |
| 115 | 87 | 81834 | 26297 | 52 | 81844 | 24287 | 52 | 81734 | 22387 | 54 | 02844 | 16286 | | | |
| 203 | 00 | 05890 | 20410 | 8- | 81846 | 16216 | 5- | 01844 | 20224 | 8- | 81847 | 16327 | | | |
| 206 | 83 | 02865 | 24227 | 86 | 02865 | 24287 | 5- | 01853 | 24183 | 54 | 02864 | 24125 | | | |
| 210 | 33 | 02863 | 26315 | 83 | 02865 | 24125 | 50 | 01863 | 20233 | 04 | 01850 | 18113 | | | |
| 220 | 80 | 01845 | 27215 | 73 | 01954 | 27105 | | | | 87 | 81844 | 22386 | | | |
| 230 | 9- | 81747 | 24187 | 24 | 01954 | 28285 | 5- | 61758 | 00068 | 53 | 2743 | 00066 | | | |
| 245 | 9- | 95624 | 15396 | 06 | 81853 | 26296 | 40 | 05662 | 26282 | 54 | 01981 | 24214 | | | |
| 260 | 36 | 01855 | 26115 | 24 | 01863 | 24214 | 04 | 05680 | 23112 | 53 | 01862 | 18114 | | | |
| 278 | 80 | 00852 | 29412 | 8- | 25975 | 26386 | 57 | 02854 | 16226 | | | | | | |
| 279 | 83 | 01854 | 24215 | 80 | 01963 | 24214 | 7- | 02775 | 16215 | 73 | 05655 | 06167 | | | |
| 285 | 23 | 01854 | 28524 | 20 | 25854 | 28584 | | | | 23 | 02635 | 24327 | | | |
| 288 | 8- | 02766 | 22226 | 2- | 25453 | 02285 | 40 | 05662 | 20102 | 03 | 02890 | 20116 | | | |
| 575 | | | | 80 | 02854 | 24228 | 02 | 62638 | 00068 | 57 | 51847 | 10167 | | | |
| 801 | 2- | 02856 | 28816 | 20 | 01851 | 25314 | 57 | 05663 | 19328 | | | | | | |
| 821 | 8- | 05657 | 28327 | 20 | 01762 | 25314 | 53 | 05655 | 26115 | 57 | 05864 | 14115 | | | |
| 290 | | | | 8- | 82747 | 24287 | 50 | 05652 | 24214 | 57 | 01754 | 22315 | | | |
| 292 | 83 | 25764 | 24284 | 84 | 01963 | 25214 | 04 | 00690 | 00011 | 07 | 08490 | 00025 | | | |
| 310 | | | | -- | 01644 | 24314 | | | | | | | | | |
| 614 | 8- | 25666 | 22286 | 00 | 01790 | 24314 | 04 | 05590 | 22112 | 57 | 05554 | 00027 | | | |
| 333 | 2- | 01954 | 29324 | 07 | 02890 | 18316 | 51 | 02764 | 20128 | | | | | | |
| 334 | -- | 02754 | 28215 | -- | 02754 | 28316 | | | | -- | 03646 | 00028 | | | |
| 340 | 23 | 01764 | 29325 | 40 | 02865 | 30216 | 02 | 02790 | 14228 | 07 | 05690 | 11127 | | | |
| 136 | 86 | 25654 | 23465 | | | | | | | | | | | | |
| 336 | 52 | 22753 | 24468 | 14 | 01862 | 26315 | | | | 62 | 62763 | 24368 | | | |
| 350 | 86 | 02855 | 26227 | 86 | 02863 | 18386 | | | | 50 | 43358 | 14248 | | | |
| 368 | 7- | 02854 | 23427 | 51 | 02854 | 23328 | | | | | | | | | |
| 379 | 2- | 02855 | 20325 | 83 | 02755 | 11462 | 00 | 42590 | 00040 | 63 | 62514 | 4218 | | | |
| 390 | 26 | 01764 | 25214 | 83 | 02755 | 26287 | 50 | 05561 | 20101 | 07 | 08490 | 18148 | | | |
| 382 | 83 | 02855 | 24416 | 83 | 01864 | 23315 | -- | 056-- | 0001- | 52 | 51757 | 4168 | | | |
| 438 | 8- | 02746 | 24526 | | | | | | | 3- | 66748 | 20168 | | | |
| 430 | 86 | 02954 | 24486 | 43 | 02873 | 20427 | 07 | 01790 | 24115 | 52 | 62662 | 2168 | | | |
| 409 | 26 | 02846 | 26126 | 21 | 02843 | 23327 | 52 | 62642 | 16168 | 62 | 64625 | 13668 | | | |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C, C_M - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 23rd August |
|---------------------------------|--|
| 1 S.E. England | Moderate southeast winds veering southwest increasing fresh. Dull, rainy at first, then brighter periods with some showers; close, then cooler. |
| 2 E. England ... | |
| 3 E. Midlands ... | Moderate east to southeast winds, veering southwest fresh. Dull, rainy to-day; fair periods but some showers tomorrow: close. |
| 4 W. Midlands ... | |
| 5 S.W. England | Fresh to strong southwest winds, moderating. Bright periods; local showers, probably further rain towards end of period: average temperature. |
| 6 South Wales ... | |
| 7 North Wales ... | Light to moderate southerly winds. Cloudy; occasional slight rain: rather cool. |
| 8 N.W. England | |
| 9 N. Midlands ... | Winds light east to southeast then variable. Cloudy; some light rain at first, continuous rain later: rather cool. |
| 10 N.E. England | |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | Light variable to southerly wind. Cloudy, some occasional rain, mostly light; rather cool. |
| 13A. W. Scotland | |
| 13B. N.W. Scotland | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | Winds mainly southerly, light to moderate. Fair periods; occasional slight rain, more general rain spreading east tomorrow: 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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 = Warm Front on the Surface
 = Warm Front above the ground
 = Cold Front on the surface
 = Cold Front above the ground
 = Occluded Front (or Occlusion)
 = Warm Occlusion
 = Cold Occlusion
 = Lines of Frontogenesis
Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

A deep depression covers most of the North Atlantic. A vigorous secondary near Cornwall will move rather quickly northeast and later turn more easterly. Further secondaries will probably move up from the neighbourhood of the Azores. Weather will be unsettled with general rain today, heavy in places over much of England. Renewed rain will probably set in in the Southwest to-morrow.

FURTHER OUTLOOK.

Continuing unsettled with rain spreading from the West.

Forecasts issued at
H.M.S.O. Press, Meteorological Office Dunstable.

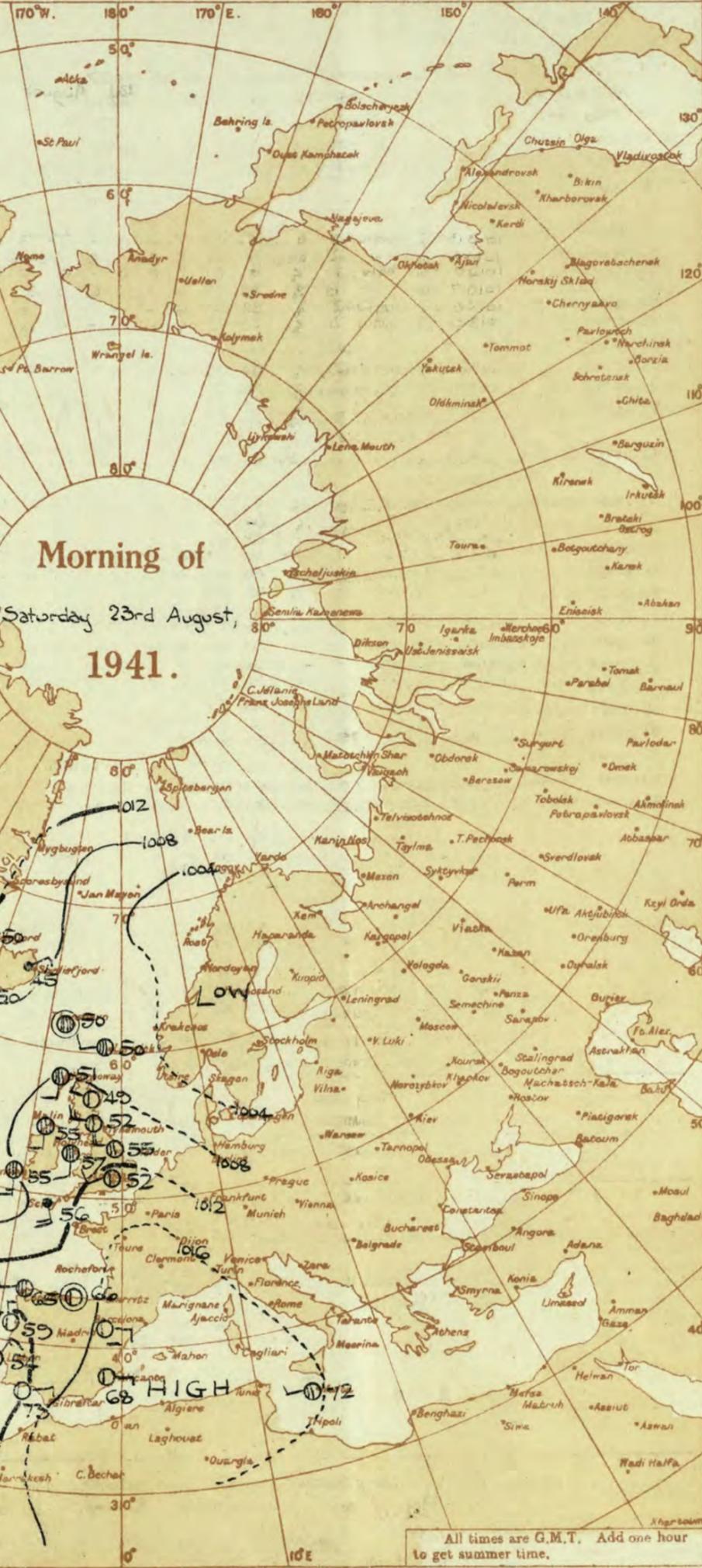
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

© 209/420. No. 976. D. 6034. 6p. 348. 3300. 0/41

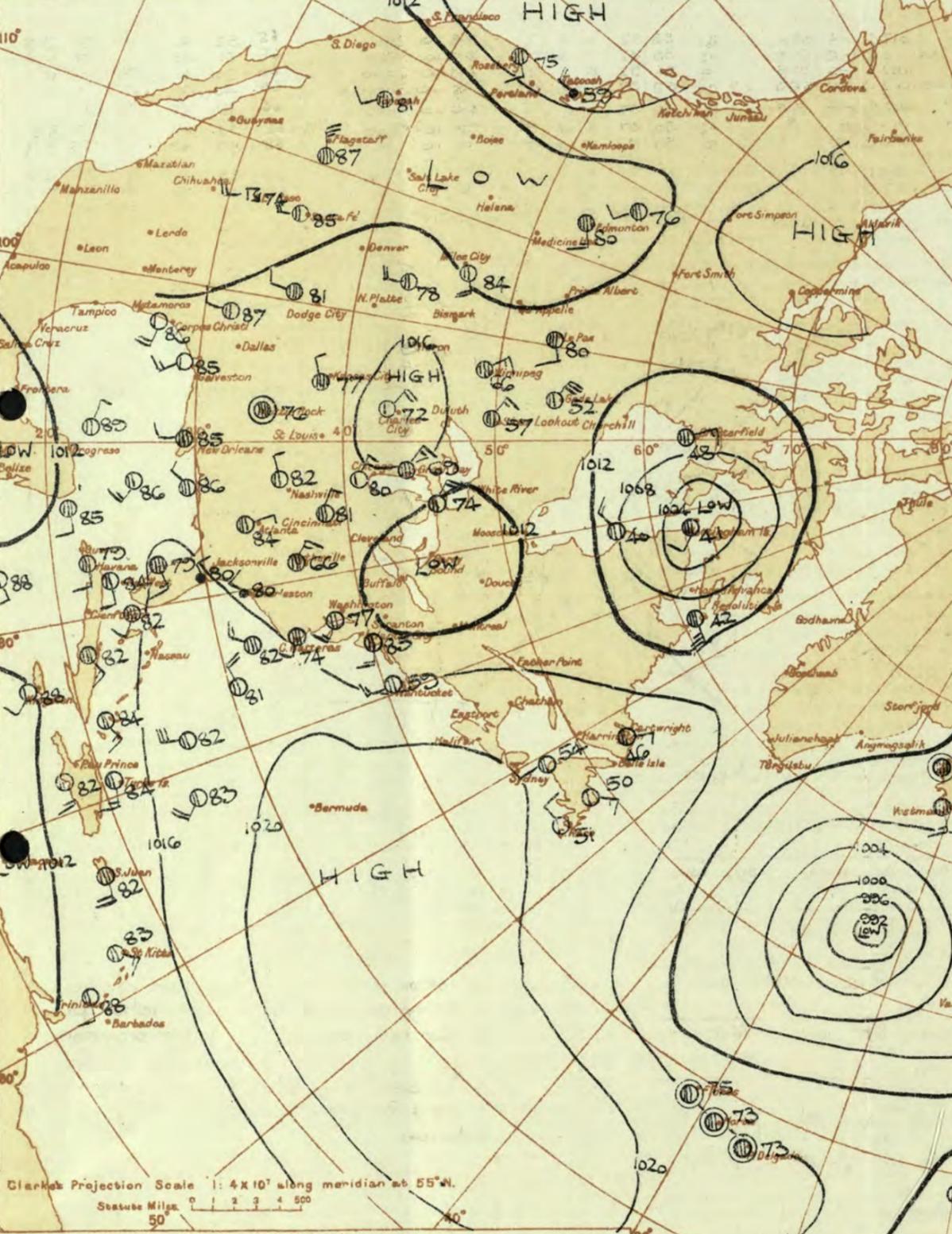
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols closely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
 Saturday 23rd August,
 1941.



Clarke's Projection Scale 1:4 X 10⁷ 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. Δ Hail. Fog. ☼ Mist. ☽ Thunder. ⚡ Thunderstorm. ☁ Slight haze. ☁
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.

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

THE DAILY WEATHER REPORT
 OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 23rd August

OBSERVATIONS at 18h. G.M.T. 23rd August

PAST 24 HOURS.

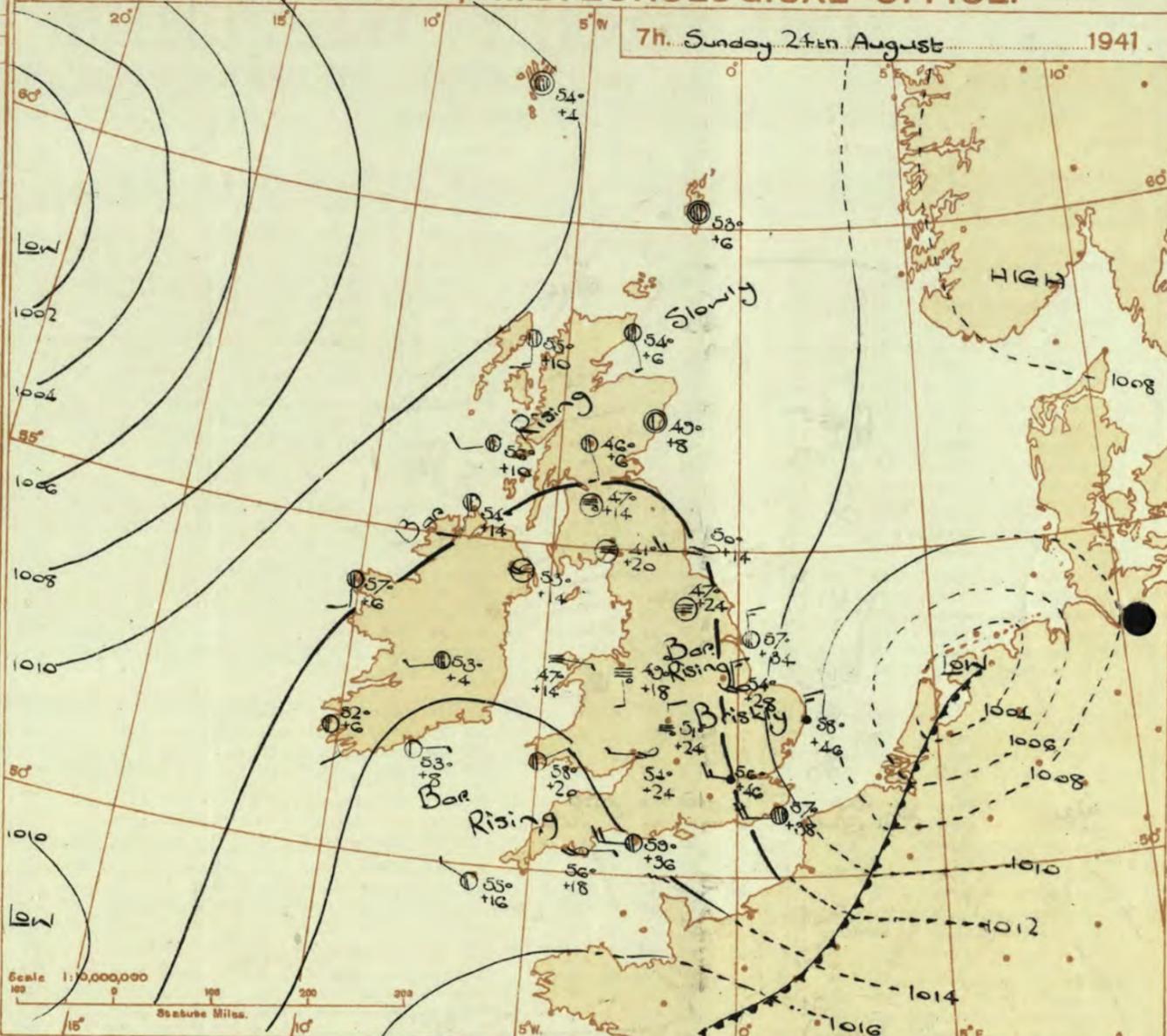
| District | STATIONS.
(For heights see p. 4.) | Barom.
at
M.S.L.
mb.
(1) | Change in
8 hours.
(2) | Wind. | | Temp.
°F.
(6) | Equiv.
°F.
(7) | Visibility.
0-9
(8) | Cloud. | | | | Barom.
at
M.S.L.
mb.
(15) | Change in
8 hours.
(16) | Wind. | | Temp.
°F.
(20) | Equiv.
°F.
(21) | Visibility.
0-9
(22) | Cloud. | | | | State of
Ground.
0-9
(29) | Sea.
0-9
(30) | WEATHER. | | | | | | | | | |
|----------|--------------------------------------|--------------------------------------|------------------------------|-----------------------|---------------|---------------------|----------------------|---------------------------|-----------------|--------------|-----------------|---|---------------------------------------|-------------------------------|------------------------|----------------|----------------------|-----------------------|----------------------------|------------------|---------------|----------------|---|------------------------------------|---------------------|--------------------------|---------------------------|---------------------------|-------------------------|------|----------|-----------|-----------|---------------|---------|
| | | | | Dirce.
0-12
(3) | Force.
(4) | | | | Weather.
(5) | Form.
(9) | Amount.
(10) | Height
of
Base.
(feet)
(14) | | | Dirce.
0-12
(17) | Force.
(18) | | | | Weather.
(19) | Form.
(23) | Amount
(24) | Height
of
Base.
(feet)
(28) | | | 7h.-13h.
23rd
(37) | 13h.-18h.
23rd
(38) | 18h.-24h.
24th
(39) | 1h.-7h.
24th
(40) | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High | Low | Total
0-10 | Low |
| 1 | London (Kew)... | 1008.9 | -2.2 | E | 3 | 56 | 97 | 5 | 6 | 2 | - | 4.6 | 10 | 1500 | 1004.5 | -2.2 | SE | 2 | rr | 61 | 97 | 6 | 6 | 2 | - | 7.8 | 10 | 800 | 1 | * | crrrrrmo | crrrrrrmo | crrrrrrmo | crrrrrrmo | |
| | Croydon ... | 1008.9 | -3.2 | ESE | 3 | 58 | 97 | 6 | 6 | 2 | - | 7.8 | 10 | 1000 | 1004.8 | -2.2 | SE | 3 | rr | 60 | 97 | 6 | 6 | 2 | - | 10 | 10 | 600 | 1 | * | rrmo | rr | rr | rr | |
| | S. Farnborough | 1008.2 | -3.0 | SE'S | 3 | 57 | 97 | 5 | 6 | 2 | - | 10 | 10 | 600 | 1004.1 | -2.0 | S | 2 | rr | 61 | 97 | 6 | 6 | 2 | - | 7.8 | 10 | 600 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Boscombe Down | 1007.4 | -2.4 | SE | 4 | 57 | 92 | 6 | - | 2 | - | 10 | 10 | 600 | 1003.4 | -2.2 | SW | 4 | rr | 60 | 97 | 4 | - | 2 | - | 10 | 10 | 300 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Thorney Island | 1008.3 | -2.6 | SE | 3 | 57 | 92 | 7 | 5 | 2 | - | 7.8 | 10 | 800 | 1004.4 | -2.6 | SSW | 4 | rr | 62 | 97 | 5 | 5 | 1 | - | 7.8 | 10 | 500 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Lympne | 1011.5 | -2.2 | SE | 2 | 59 | 85 | 8 | 5 | 2 | - | 9 | 10 | 1500 | 1007.3 | -1.4 | - | 0 | c/r | 61 | 97 | 7 | 5 | 2 | - | 7.8 | 10 | 1200 | 1 | 3 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Manston | 1010.9 | -2.0 | SE'E | 2 | 58 | 85 | 8 | 5 | 2 | - | 9 | 10 | 7000 | 1005.6 | -1.0 | SW | 1 | c/r | 61 | 97 | 6 | 5 | 2 | - | 1.3 | 10 | 4000 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 2 | Shoeburyness ... | 1011.1 | -2.2 | ESE | 3 | 57 | 85 | 7 | 6 | 2 | - | 7.8 | 10 | 1500 | 1006.2 | -2.6 | SE | 3 | rr | 60 | 97 | 6 | 5 | 2 | - | 7.8 | 10 | 2500 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Felixstowe ... | 1011.1 | -1.4 | SSE | 2 | 58 | 97 | 6 | 6 | 2 | - | 1 | 10 | 800 | 1006.6 | -2.2 | ESE | 3 | rr | 58 | 97 | 6 | 6 | 2 | - | 9 | 10 | 600 | 1 | 2 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Gorleston ... | 1012.3 | -1.0 | SSW | 3 | 61 | 85 | 7 | 6 | 2 | - | 10 | 10 | 1500 | 1007.3 | -3.4 | SE | 4 | rr | 58 | 92 | 6 | 6 | 2 | - | 10 | 10 | 1000 | 1 | 3 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Mildenhall ... | 1010.3 | -1.4 | SE'S | 3 | 56 | 97 | 6 | 8 | 2 | - | 2.3 | 10 | 2500 | 1005.4 | -3.0 | SE | 4 | rr | 56 | 97 | 6 | 5 | 2 | - | 7.8 | 10 | 500 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Cranwell ... | 1010.0 | -1.0 | S'E | 3 | 57 | 92 | 6 | 6 | 2 | - | 7.8 | 10 | 900 | 1008.9 | -1.4 | ESE | 3 | rr | 55 | 97 | 5 | 6 | 2 | - | 9 | 10 | 500 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 3 | Birmingham ... | 1001.8 | -2.2 | SE | 3 | 54 | 97 | 6 | 6 | 2 | - | 9.4 | 10 | 800 | 1003.3 | -2.4 | NE | 2 | rr | 54 | 97 | 7 | 6 | - | - | 10 | 10 | 800 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Upper Heyford | 1008.6 | -2.4 | SSE | 2 | 54 | 97 | 6 | 6 | 2 | - | 9 | 10 | 300 | 1003.1 | -2.8 | SSE | 2 | d.d. | 59 | 97 | 4 | 6 | 2 | - | 9 | 10 | 400 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 4 | Ross-on-Wye ... | 1005.7 | -3.4 | E | 3 | 55 | 97 | 6 | 6 | 2 | - | 9.4 | 10 | 800 | 1001.2 | -2.0 | S | 2 | id. | 61 | 97 | 7 | 6 | 2 | - | 9 | 10 | 800 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 5 | Hartland Point | 1001.6 | -2.0 | SW | 4 | 60 | 97 | 7 | 5 | 2 | - | 7.8 | 9.4 | 1600 | 1001.6 | +1.4 | WNW | 4 | c | 58 | 97 | 7 | 5 | - | - | 9.4 | 9.4 | 600 | 1 | 4 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Bristol ... | 1006.0 | -3.0 | SE | 3 | 56 | 97 | 6 | 6 | 2 | - | 9 | 10 | 900 | 1001.5 | -2.4 | S | 3 | d.d. | 61 | 92 | 7 | 5 | - | - | 10 | 10 | 700 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Portland Bill ... | 1006.4 | -1.8 | S | 5 | 60 | 92 | 7 | 5 | - | - | 10 | 10 | 2500 | 1003.1 | -1.2 | SSW | 5 | rr | 59 | 92 | 7 | 5 | - | - | 10 | 10 | 2500 | 1 | 5 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Plymouth ... | 1004.1 | -2.0 | S | 4 | 59 | 97 | 6 | - | 2 | - | 10 | 10 | 300 | 1003.1 | -2 | W | 4 | c/d | 60 | 97 | 7 | 5 | - | - | 7.8 | 7.8 | 300 | 1 | 3 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | The Lizard ... | 1002.4 | -2.4 | SSW | 6 | 60 | 97 | 1 | 5 | - | - | 10 | 10 | 450 | 1004.8 | +2.0 | NNW | 5 | c | 57 | 92 | 7 | 5 | 2 | - | 9 | 10 | 1500 | 1 | 4 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Soilly (St. Mary's) | 1001.5 | -4 | SWW | 4 | 62 | 97 | 4 | 5 | - | - | 9.4 | 10 | 200 | 1005.6 | +3.2 | N | 4 | c | 58 | 85 | 7 | 5 | - | - | 10 | 10 | 1500 | 1 | 3 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Guernsey ... | 1001.5 | -4 | SWW | 4 | 62 | 97 | 4 | 5 | - | - | 9.4 | 10 | 200 | 1005.6 | +3.2 | N | 4 | c | 58 | 85 | 7 | 5 | - | - | 10 | 10 | 1500 | 1 | 3 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 6 | Pembroke ... | 1000.1 | -1.8 | ENE | 5 | 56 | 97 | 6 | 8 | - | - | 9.4 | 9.4 | 1500 | 1003.1 | +1.0 | N'E | 5 | cq | 54 | 92 | 8 | 8 | 6 | - | 7.8 | 9 | 1500 | 1 | 3 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 7 | Holyhead (Valley) | 1006.0 | -1.6 | WNW | 2 | 58 | 92 | 8 | 8 | 7 | - | 7.8 | 10 | 1500 | 1004.1 | -6 | SSW | 4 | c | 59 | 85 | 7 | 9 | 5 | - | 1 | 7.8 | 2500 | 0 | 2 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Chester (Sealand) | 1007.8 | -1.4 | SE | 3 | 56 | 92 | 6 | 6 | 2 | - | 9.4 | 10 | 1000 | 1004.6 | -1.6 | WN | 3 | rr | 56 | 92 | 5 | 6 | 2 | - | 7.8 | 10 | 600 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 8 | Manchester ... | 1008.5 | -1.4 | SE'E | 2 | 58 | 75 | 6 | 5 | 2 | - | 7.8 | 10 | 1700 | 1005.3 | -1.0 | ENE | 3 | rr | 58 | 85 | 4 | 5 | 7 | - | 7.8 | 10 | 2000 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 10 | Spurn Head ... | 1000.7 | -6 | SE | 4 | 59 | 85 | 5 | 8 | - | - | 10 | 10 | 2400 | 1007.1 | -1.4 | EN | 3 | rr | 58 | 92 | 6 | 5 | - | - | 10 | 10 | 2500 | 1 | 2 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Catterick ... | 1009.3 | -1.0 | SSE | 3 | 62 | 65 | 7 | - | 7 | - | 0 | 10 | - | 1007.1 | -8 | ESE | 1 | zo | 60 | 75 | 6 | 5 | 2 | - | 7.8 | 10 | 3900 | 0 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Tynemouth ... | 1010.3 | -6 | SSE | 3 | 57 | 85 | 6 | 5 | - | - | 9.4 | 9.4 | 3200 | 1008.5 | -8 | SE | 3 | c | 56 | 85 | 7 | 5 | 3 | - | 4.6 | 7.8 | 2500 | 1 | 2 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 11 | St. Abba Head | 1008.8 | -6 | SE | 2 | 57 | 75 | 9 | 5 | 7 | 5 | 4.6 | 7.8 | 2500 | 1007.3 | -4 | SE | 3 | c | 55 | 92 | 5 | 5 | 7 | - | 4.6 | 9 | 2500 | 0 | 2 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Leuchars ... | 1008.3 | -8 | E | 3 | 63 | 65 | 8 | 9 | 7 | - | 2.3 | 4.6 | 3200 | 1007.9 | +2 | SE | 3 | c | 60 | 75 | 8 | 4 | 3 | - | 2.3 | 9 | 3200 | 0 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 12 | Reafrow (Abbots L) | 1008.4 | -1.0 | SSW | 2 | 63 | 65 | 8 | 8 | 7 | - | 4.6 | 9.4 | 2500 | 1007.8 | +2 | SE'E | 2 | c/pr | 59 | 75 | 6 | 8 | 7 | 8 | - | 7.8 | 9.4 | 2000 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr |
| | Esksdalemuir ... | 1007.7 | -1.0 | SSE | 1 | 61 | 65 | 8 | 8 | 3 | - | 4.6 | 9.4 | 2500 | 1007.2 | -2 | NW | 2 | rr | 56 | 85 | 8 | 5 | 2 | - | 4.6 | 9.4 | 1500 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Point of Ayre ... | 1007.7 | -1.0 | SE | 2 | 63 | 75 | 8 | 2 | - | 6 | 4.6 | 9.4 | 2500 | 1006.4 | -4 | SSE | 4 | zo | 60 | 75 | 6 | - | 4 | - | 0 | 4.6 | - | 0 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr |
| 13A | Tiree ... | 1007.5 | 0 | S | 3 | 59 | 92 | 7 | 5 | - | - | 9.4 | 9.4 | 2100 | 1007.3 | 0 | - | 0 | c | 59 | 85 | 8 | 5 | 3 | - | 4.6 | 9 | 2500 | 0 | 2 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 13B | Stornoway ... | 1007.6 | +4 | SSE | 3 | 57 | 85 | 8 | 8 | 9 | 5 | 4.6 | 9.4 | 2500 | 1007.7 | +2 | SE | 2 | c | 56 | 92 | 8 | 8 | 3 | - | 4.6 | 9.4 | 2500 | 1 | 1 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 15 | Dalwhinnie ... | 1008.6 | 0 | SSW | 1 | 57 | 85 | 8 | 8 | - | - | 9 | 9 | 2500 | 1006.9 | +2 | - | 0 | c | 58 | 65 | 8 | 5 | 3 | - | 4.6 | 9.4 | 2500 | 1 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Aberdeen ... | 1009.4 | 0 | ESE | 2 | 64 | 65 | 8 | 2 | 4 | 1 | 1 | 1 | 2500 | 1008.8 | -2 | S'E | 2 | b | 56 | 85 | 7 | 4 | 6 | 4 | 1 | 1 | 1500 | 1 | 1 | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| | Wick ... | 1009.0 | -2 | SE'E | 2 | 59 | 85 | 9 | 1 | 4 | - | 1 | 1 | 2000 | 1008.9 | +2 | ESE | 2 | b | 57 | 85 | 8 | 3 | 6 | 9 | 1 | 1 | 1500 | 0 | * | crrrrrr | crrrrrr | crrrrrr | crrrrrr | |
| 16 | Sumburgh ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 23rd August 18h. G.M.T. | | | | 01h. G.M.T. 24th August 07h. G.M.T. | | | | | | | | |
|-------------------------------------|----------------|--------------------|-------|-------------------------------------|--------------------|-------|----------------|--------------------|-------|-------|-------|-------|
| III | C _w | wwVhN _h | DDFWN | C _w | wwVhN _h | DDFWN | C _w | wwVhN _h | DDFWN | | | |
| 1098- | 01943 | 16203 | 13 | 01851 | 11203 | 50 | 01754 | 00014 | 53 | 25786 | 16327 | |
| 11554 | 02844 | 12225 | 57 | 02844 | 08127 | 57 | 02764 | 10115 | 52 | 02844 | 20287 | |
| 2038- | 81837 | 16487 | | | | | | 5-02845 | 2225 | | | |
| 20688 | 02764 | 08325 | 83 | 02865 | 04286 | 50 | 00752 | 00082 | 5- | 03628 | 25128 | |
| 21024 | 00962 | 08313 | 84 | 25864 | 07185 | 53 | 01764 | 20125 | -- | 48303 | 20243 | |
| 22083 | 25845 | 22487 | | | | | | | | 53 | 01844 | 21125 |
| 23087 | 25846 | 12167 | 87 | 02862 | 00016 | 50 | 00762 | 00012 | 53 | 22856 | 00067 | |
| 24534 | 00962 | 10312 | 43 | 01864 | 07215 | 50 | 05663 | 25123 | 03 | 02820 | 24126 | |
| 26087 | 81655 | 04187 | 8- | 81863 | 00087 | 50 | 47363 | 00083 | 53 | 01773 | 24145 | |
| 27833 | 01954 | 14265 | 43 | 01864 | 20215 | 04 | 01730 | 22111 | 54 | 05665 | 00015 | |
| 27987 | 02755 | 26227 | 23 | 05651 | 04215 | 00 | 05650 | 00000 | 00 | 05520 | 00040 | |
| 28527 | 25745 | 12488 | | | | | | | | | | |
| 28857 | 02755 | 14228 | 82 | 02754 | 12128 | 02 | 05520 | 32228 | -- | 48103 | 20243 | |
| 57580 | 01853 | 20214 | 83 | 02854 | 24125 | 50 | 00851 | 24111 | 04 | 00820 | 18111 | |
| 80107 | 05690 | 14328 | 57 | 05665 | 07228 | 00 | 05620 | 30110 | 00 | 05520 | 12100 | |
| 32151 | 62753 | 13268 | 52 | 64635 | 08268 | 62 | 22536 | 32368 | 00 | 05520 | 31220 | |
| 29957 | 02755 | 18228 | 5- | 62658 | 14268 | 5- | 62648 | 04468 | 50 | 05644 | 28364 | |
| 29257 | 02775 | 13228 | 57 | 61664 | 08168 | 5- | 05648 | 31168 | 5- | 08434 | 28244 | |
| 310 | | | | | | | | | | | | |
| 61462 | 62545 | 15268 | 62 | 64526 | 06368 | 51 | 21624 | 32368 | 57 | 05643 | 32226 | |
| 33857 | 21854 | 04358 | 87 | 02855 | 02267 | 50 | 01753 | 04223 | 00 | 05620 | 26210 | |
| 334-- | 03547 | 04328 | -- | 63547 | 08288 | | | | | | | |
| 34062 | 62635 | 11368 | 62 | 62624 | 10368 | 5- | 08444 | 32324 | 00 | 05620 | 25240 | |
| 13652 | 62644 | 16268 | 62 | 64626 | 10368 | | | | | | | |
| 33662 | 64653 | 24468 | 62 | 66543 | 32468 | | | | | | | |
| 35062 | 10368 | 09555 | 52 | 22536 | 12368 | | | | 62 | 05645 | 28368 | |
| 368 | | | | | | | | | | | | |
| 8796- | 64628 | 10468 | 02 | 56408 | 17458 | -- | 57203 | 30453 | 5- | 05647 | 30357 | |
| 89062 | 64634 | 12368 | 62 | 52637 | 12168 | 62 | 51446 | 22358 | 52 | 52527 | 28358 | |
| 88262 | 64626 | 10468 | 62 | 62725 | 14367 | 62 | 21637 | 22558 | 53 | 02747 | 30327 | |
| 4888- | 02748 | 14328 | | | | | | | | | | |
| 43052 | 62748 | 14368 | 02 | 64428 | 18368 | 5- | 05647 | 26427 | 5- | 02748 | 28358 | |
| 40962 | 64617 | 17568 | 62 | 02636 | 28428 | 50 | 01744 | 29314 | 5- | 02715 | 24145 | |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N_h - Total amount of cloud—See M.O. 252.
C, C_w - Form of low and medium cloud—See page 1.
V_m - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th August, 1941. |
|---------------------------------|--|
| 1 S.E. England | Light variable winds; fair to fine; chance of rain in south of area later in the period; fog in places early tomorrow; somewhat warmer than of late. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Light variable winds; fair most of today but high cloud increasing; some occasional rain or drizzle tomorrow; average temperature. |
| 6 South Wales ... | |
| 7 North Wales ... | Light winds mainly between south and west; considerable fine periods; a few showers chiefly in west and north Scotland; average temperature. |
| 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. Scotland | |
| 13 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 | Winds light, backing S.E. moderate; fine at first but cloud increasing; some occasional rain tomorrow. Average temperature. |
| 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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 - Warm Front on the Surface
 - Warm Front above the ground
 - Cold Front on the surface
 - Cold Front above the ground
 - Occluded Front (or Occlusion)
 - Warm Occlusion
 - Cold Occlusion
 - Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.
A depression over the southern North Sea is moving away quickly. A ridge of high pressure will cross the British Isles giving an interval of fair weather but another secondary disturbance approaching our S.W. districts will cause a deterioration in those areas tomorrow.

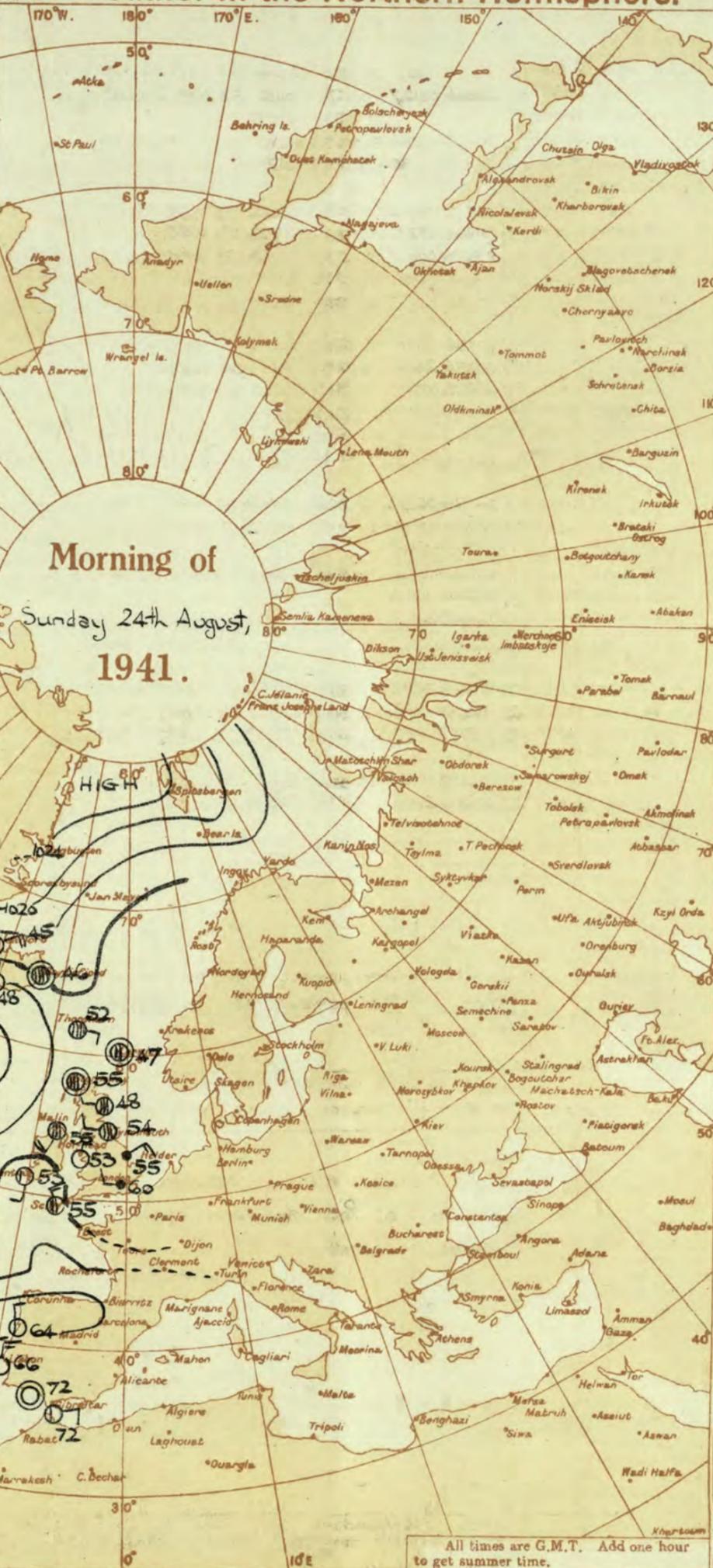
FURTHER OUTLOOK.
None Issued.

Forecasts issued at 2.30 p.m. G.M.T.
N. K. JOHNSON, D.Sc., A.R.C.S. Director.
H.M.S.O. Press, Meteorological Office, Dunstable.
6.269/420. Pp. 8/76. D. 8034. 6p. 540. 3300 3/41

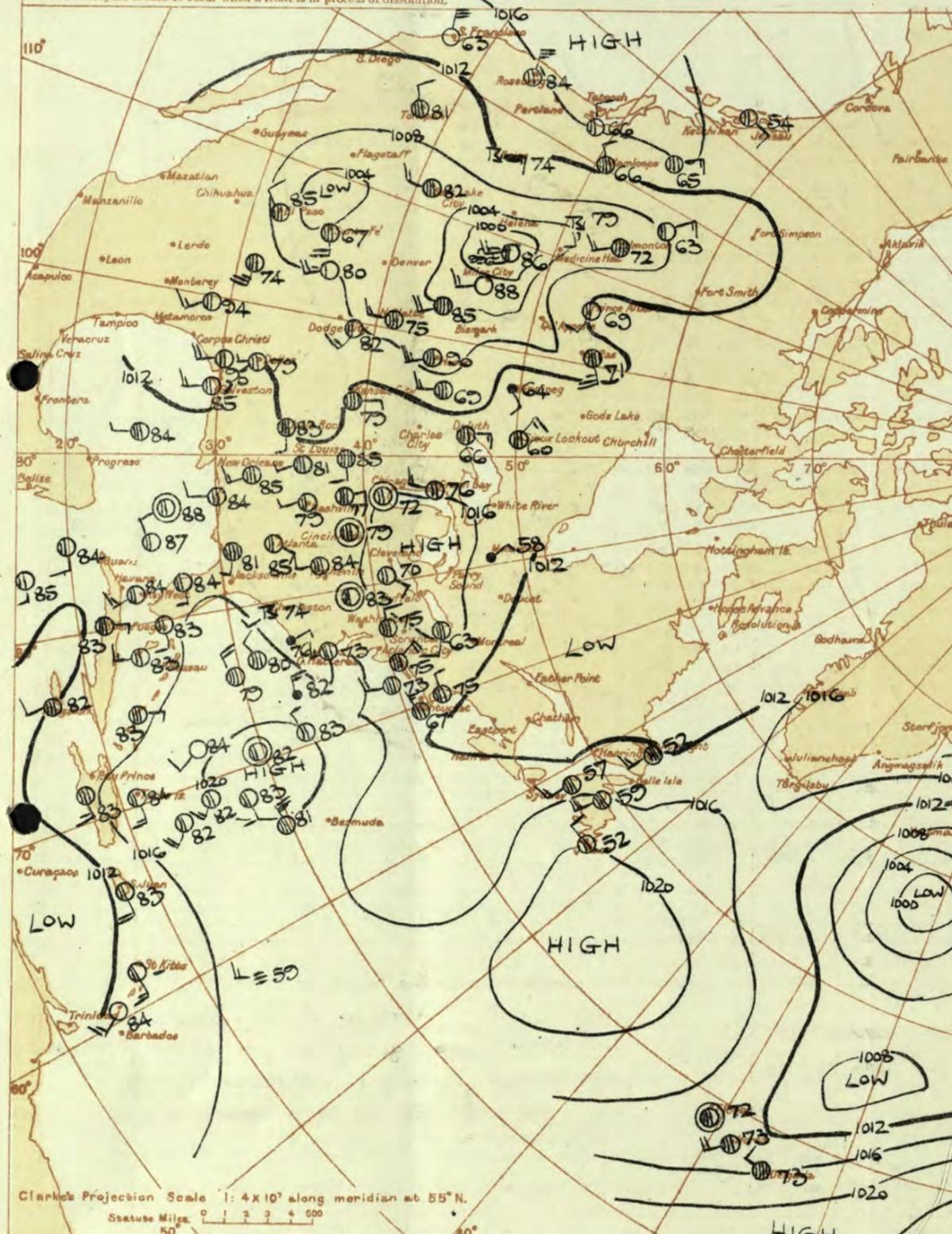
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
 Sunday 24th August,
 1941.



Clarke's Projection Scale 1: 4 X 10⁷ 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. Δ Hail.
 Fog ≡ Mist ≡ Thunder. (T) Thunderstorm. X Slight haze. ∞
 Hours of observation:—Azores, Greenland, Ships, etc. G.M.T. America and Europe, mainly 1h, G.M.T.; U.S.S.R. (Europe and Asia), 1h, local time.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

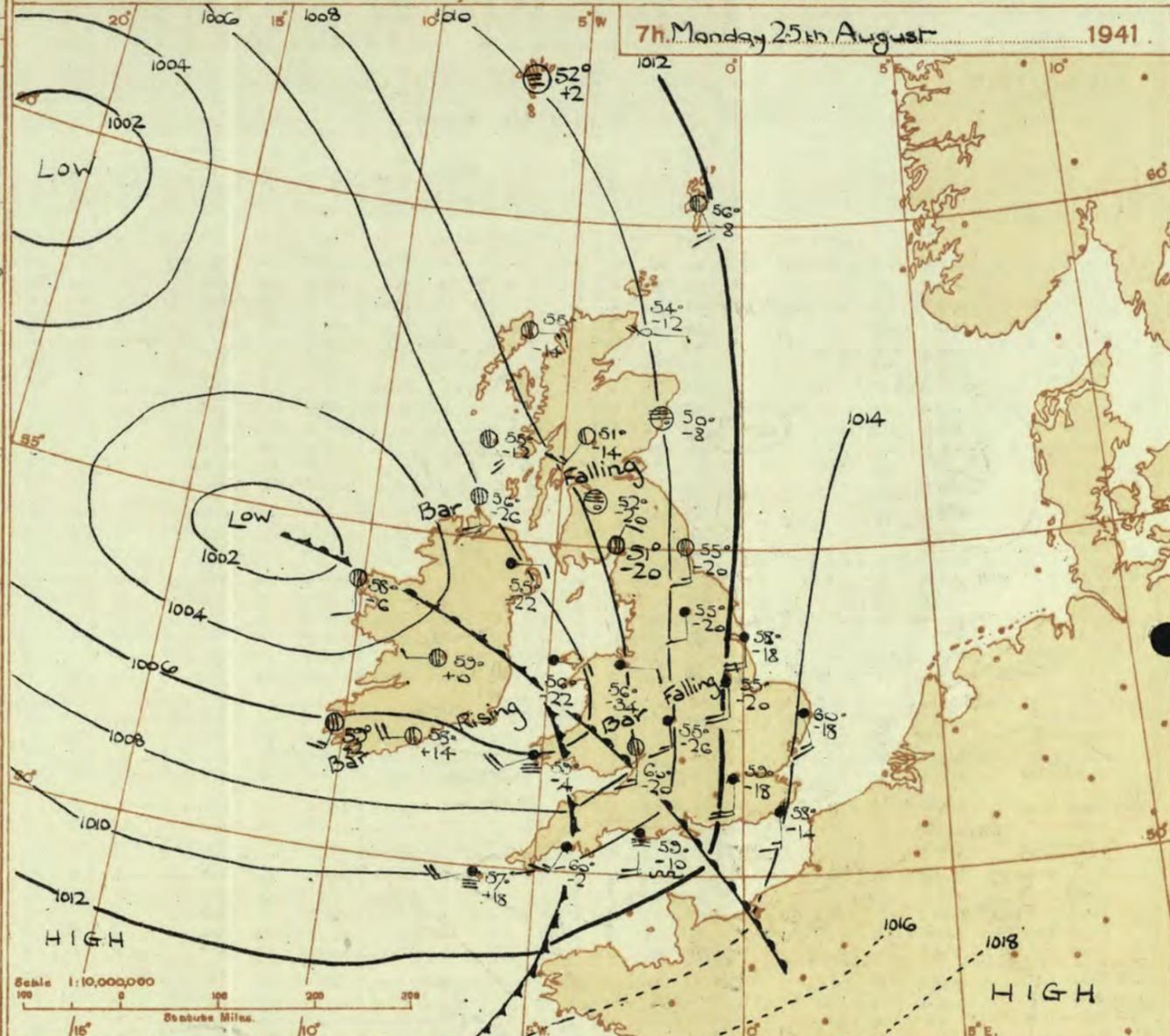
| OBSERVATIONS at 1 hr. G.M.T. 24th August | | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 24th August | | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | |
|--|---------------------|------------------------------|----------------------|------------------------|-------|--------|----------|-----------|------------|-----------------|--------|---------|------------------------|--------|--|-------------------------|---------|------------------------|----------|------------|-------------|------------------|------------------|----------------------|------------------------|--------------------|-----------|-----------------|-------------------|----------------|-----------|-----|---------------|-----|-----|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. (6) | Humid. (7) | Visibility. (8) | Cloud. | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. (20) | Humid. (21) | Visibility. (22) | Cloud. | | | | Sea. (30) | TEMPERATURE. | | | RAINFALL. | | SUNSHINE (36) | | |
| | | | | | Dir. | Force. | | | | | Form. | Amount. | Height of Base (feet). | Form. | | | Amount. | Height of Base (feet). | | | | | State of Ground. | Max. Day 7h-18h (31) | Min. Night 18h-7h (32) | Min. on Grass (33) | | Day 7h-18h (34) | Night 18h-7h (35) | | | | | | |
| 1 | London (Kew) | 18 | 1003.8 | +1.0 | WSW | 2 | bc | 57 | 85 | 8 | 2-3 | 2-3 | 2500 | 1012.2 | +4.0 | NNW | 2 | bc | 57 | 85 | 7 | 5 | 2-3 | 2-3 | 2500 | 1 | 61 | 56 | 55 | 21 | 2 | 0.0 | | | |
| | Croydon | 217 | 1003.8 | +1.0 | WSW | 2 | bc | 57 | 85 | 8 | 2-3 | 2-3 | 1500 | 1011.9 | +4.0 | NNW | 4 | bc | 56 | 82 | 7 | 5 | 2-3 | 2-3 | 700 | 1 | 60 | 55 | 54 | 10 | 2 | 0.0 | | | |
| | S. Farnborough | 226 | 1004.7 | +1.4 | WSW | 3 | bc | 56 | 80 | 5 | 2-3 | 2-3 | 600 | 1012.4 | +3.8 | NNW | 3 | bc | 55 | 85 | 7 | 5 | 2-3 | 2-3 | 1000 | 1 | 61 | 56 | 54 | 17 | 3 | 0.0 | | | |
| | Boscombe Down | 417 | 1007.2 | +3.8 | WSW | 4 | bc | 56 | 80 | 5 | 2-3 | 2-3 | 500 | 1014.0 | +3.8 | NNW | 3 | bc | 55 | 85 | 6 | 5 | 2-3 | 2-3 | 1800 | 1 | 60 | 55 | 53 | 28 | 1 | 0.0 | | | |
| | Thorney Island | 10 | 1005.7 | +1.8 | WSW | 4 | bc | 61 | 97 | 7 | 5 | 2-3 | 2-3 | 1000 | 1012.9 | +4.0 | NNW | 3 | bc | 58 | 92 | 7 | 5 | 2-3 | 2-3 | 1500 | 1 | 63 | 57 | 57 | 5 | 1 | 0.0 | | |
| | Lympe | 346 | 1005.7 | +2 | WSW | 2 | bc | 60 | 97 | 6 | 5 | 2-3 | 2-3 | 700 | 1010.5 | +3.8 | NNW | 4 | bc | 57 | 92 | 6 | 5 | 2-3 | 2-3 | 300 | 1 | 61 | 57 | 57 | 14 | 3 | 0.0 | | |
| Manston | 154 | 1003.5 | -6 | WSW | 2 | bc | 61 | 97 | 6 | 5 | 2-3 | 2-3 | 600 | 1009.0 | +3.4 | NNW | 4 | bc | 59 | 92 | 6 | 5 | 2-3 | 2-3 | 500 | 1 | 61 | 59 | 58 | 8 | 3 | 0.0 | | | |
| 2 | Shoeburyness | 11 | 1003.5 | -8 | WSW | 2 | bc | 61 | 97 | 6 | 5 | 2-3 | 2-3 | 1800 | 1009.6 | +4.2 | NNW | 4 | bc | 59 | 97 | 7 | 5 | 2-3 | 2-3 | 400 | 1 | 62 | 58 | 57 | 24 | 3 | 0.1 | | |
| | Felixstowe | 16 | 1004.5 | -2 | WSW | 1 | bc | 59 | 92 | 6 | 5 | 2-3 | 2-3 | 1500 | 1009.8 | +4.2 | NNW | 3 | bc | 58 | 92 | 7 | 5 | 2-3 | 2-3 | 600 | 1 | 62 | 57 | 56 | 5 | 14 | 0.0 | | |
| | Gorleston | 5 | 1003.2 | +4 | WSW | 1 | bc | 59 | 97 | 5 | 5 | 2-3 | 2-3 | 400 | 1010.6 | +4.2 | NNW | 3 | bc | 57 | 97 | 7 | 5 | 2-3 | 2-3 | 700 | 1 | 60 | 56 | 55 | 17 | 4 | 0.0 | | |
| | Mildenhall | 19 | 1003.2 | +4 | WSW | 1 | bc | 59 | 97 | 5 | 5 | 2-3 | 2-3 | 400 | 1010.6 | +4.2 | NNW | 3 | bc | 57 | 97 | 7 | 5 | 2-3 | 2-3 | 700 | 1 | 60 | 56 | 55 | 17 | 4 | 0.0 | | |
| | Cranwell | 240 | 1006.0 | +1.7 | WSW | 3 | bc | 54 | 97 | 4 | 6 | 2 | 2 | 600 | 1011.9 | +2.8 | NNW | 3 | bc | 54 | 97 | 6 | 5 | 2-3 | 2-3 | 600 | 1 | 58 | 53 | 53 | 10 | 26 | 0.0 | | |
| 3 | Birmingham | 535 | 1004.3 | +2.6 | NNW | 3 | bc | 55 | 97 | 5 | 2-3 | 2-3 | 200 | 1012.8 | +2.4 | N | 2 | bc | 51 | 92 | 4 | 5 | 2-3 | 2-3 | 2500 | 1 | 58 | 50 | 47 | 25 | 3 | 0.0 | | | |
| | Upper Heyford | 408 | 1004.3 | +2.6 | NNW | 3 | bc | 55 | 97 | 5 | 2-3 | 2-3 | 200 | 1012.8 | +2.4 | NNW | 3 | bc | 55 | 92 | 6 | 5 | 2-3 | 2-3 | 200 | 1 | 59 | 54 | 53 | 18 | 3 | 0.0 | | | |
| 4 | Ross-on-Wye | 223 | 1003.5 | +2.4 | WSW | 1 | bc | 54 | 97 | 4 | 2 | 2 | 200 | 1013.5 | +2.4 | W | 1 | bc | 54 | 92 | 6 | 5 | 2-3 | 2-3 | 200 | 1 | 61 | 52 | 49 | 29 | 4 | 0.0 | | | |
| 5 | Hartland Point | 299 | 1010.7 | +2.8 | NNW | 4 | bc | 57 | 85 | 8 | 2-3 | 2-3 | 2500 | 1014.3 | +1.6 | NW | 2 | bc | 59 | 85 | 8 | 1 | 4 | 2-3 | 2-3 | 2500 | 1 | 63 | 56 | 52 | 29 | - | 0.0 | | |
| | Bristol | 209 | 1008.3 | +4.4 | WSW | 3 | bc | 56 | 85 | 6 | 2-3 | 2-3 | 1300 | 1014.5 | +3.0 | W | 0 | bc | 58 | 92 | 6 | 5 | 2-3 | 2-3 | 2400 | 1 | 61 | 53 | 47 | 21 | 0.1 | 0.0 | | | |
| | Portland Bill | 32 | 1007.5 | +3.4 | WSW | 5 | bc | 58 | 92 | 8 | 5 | 2-3 | 2-3 | 2500 | 1013.6 | +3.6 | W | 4 | bc | 59 | 85 | 8 | 5 | 2-3 | 2-3 | 4000 | 1 | 60 | 58 | 50 | 11 | 0.6 | 0.0 | | |
| | Plymouth | 82 | 1011.7 | +3.4 | NNW | 4 | bc | 55 | 92 | 7 | 5 | 2-3 | 2-3 | 3000 | 1015.4 | +1.8 | E | 1 | bc | 56 | 92 | 6 | 5 | 2-3 | 2-3 | 1000 | 1 | 61 | 53 | 47 | 32 | - | 0.0 | | |
| | The Lizard | 240 | 1012.1 | +3.2 | NW | 4 | bc | 55 | 97 | 8 | 8 | 2-3 | 2-3 | 2500 | 1015.3 | +2.0 | NNW | 2 | bc | 55 | 97 | 4 | 4 | 2-3 | 2-3 | 2500 | 1 | 61 | 52 | 50 | 12 | - | 0.2 | | |
| | Scilly (St. Mary's) | 163 | 1012.4 | +1.8 | NW | 3 | bc | 55 | 97 | 8 | 5 | 2-3 | 2-3 | 1500 | 1015.4 | +1.6 | NW | 1 | bc | 55 | 97 | 8 | 5 | 2 | 2 | 1 | 4 | 6 | 2000 | 1 | 62 | 55 | 50 | 20 | - |
| Guernsey | 175 | 1012.4 | +1.8 | NW | 3 | bc | 55 | 97 | 8 | 5 | 2-3 | 2-3 | 1500 | 1015.4 | +1.6 | NW | 1 | bc | 55 | 97 | 8 | 5 | 2 | 2 | 1 | 4 | 6 | 2000 | 1 | 62 | 55 | 50 | 20 | - | 0.0 |
| 6 | Pembroke | 142 | 1010.9 | +2.4 | NNW | 4 | bc | 56 | 97 | 8 | 2-3 | 2-3 | 3500 | 1014.8 | +2.0 | NE | 2 | bc | 58 | 92 | 8 | 1 | 2-3 | 2-3 | 4000 | 1 | 58 | 58 | 50 | 28 | 1 | 5.0 | | | |
| | Holyhead (Valley) | 26 | 1009.4 | +2.0 | NNW | 1 | bc | 53 | 97 | 7 | 2-3 | 2-3 | 2000 | 1013.0 | +1.4 | ESE | 1 | bc | 47 | 97 | 8 | 8 | 2-3 | 2-3 | 2500 | 1 | 64 | 44 | 38 | 1 | 1 | 0.0 | | | |
| | Chester (Sealand) | 16 | 1008.9 | +2.4 | NNW | 1 | bc | 52 | 92 | 4 | 5 | 2-3 | 2-3 | 2000 | 1012.9 | +1.8 | S'E | 1 | bc | 49 | 97 | 4 | 2 | 2-3 | 2-3 | 1500 | 1 | 57 | 42 | 40 | 3 | 1 | 0.0 | | |
| 8 | Manchester | 70 | 1008.5 | +2.2 | NNW | 2 | bc | 53 | 92 | 6 | 2-3 | 2-3 | 3000 | 1013.2 | +2.6 | W | 0 | bc | 51 | 97 | 4 | 2 | 2-3 | 2-3 | 1500 | 1 | 59 | 48 | 48 | 1 | 1 | 0.0 | | | |
| 10 | Spurn Head | 29 | 1009.2 | -4 | NE | 4 | bc | 55 | 65 | 6 | 2-3 | 2-3 | 1500 | 1011.5 | +3.4 | NNW | 3 | bc | 57 | 92 | 7 | 2 | 9 | 4-6 | 9 | 2500 | 1 | 62 | 54 | 50 | 2 | 11 | 0.5 | | |
| | Catterick | 176 | 1009.2 | +1.4 | N | 1 | bc | 54 | 97 | 5 | 2-3 | 2-3 | 4000 | 1012.0 | +2.4 | W | 0 | bc | 47 | 97 | 3 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | | |
| | Tynemouth | 108 | 1008.9 | +6 | W | 2 | bc | 54 | 92 | 6 | 5 | 2-3 | 2-3 | 2500 | 1012.0 | +1.4 | W | 3 | bc | 50 | 97 | 5 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | |
| 11 | St. Abbs Head | 280 | 1009.4 | +8 | S | 2 | bc | 51 | 97 | 7 | 4 | 4 | 1500 | 1011.4 | +8 | NW | 1 | bc | 51 | 97 | 1 | - | - | 10 | 10 | 1500 | 1 | 60 | 51 | 50 | - | 1 | 0.0 | | |
| | Leuchars | 36 | 1009.3 | +6 | W | 0 | bc | 52 | 97 | 8 | 5 | 2-3 | 2-3 | 3200 | 1011.7 | +1.4 | W | 2 | bc | 51 | 97 | 2 | 5 | 2-3 | 2-3 | 2500 | 1 | 66 | 47 | 42 | - | - | 9.3 | | |
| | Renfrew (Abbots L.) | 19 | 1009.6 | +8 | W | 0 | bc | 51 | 97 | 4 | 5 | 2-3 | 2-3 | 2000 | 1012.2 | +1.4 | W | 2 | bc | 47 | 97 | 4 | 5 | 2-3 | 2-3 | 1000 | 1 | 66 | 43 | 36 | 0.2 | - | 1.0 | | |
| 12 | Eskdalemuir | 794 | 1009.6 | +8 | W | 0 | bc | 51 | 97 | 4 | 5 | 2-3 | 2-3 | 2000 | 1012.2 | +1.4 | W | 2 | bc | 47 | 97 | 4 | 5 | 2-3 | 2-3 | 1000 | 1 | 66 | 43 | 36 | 0.2 | - | 1.0 | | |
| | Point of Ayre | 30 | 1009.6 | +1.4 | NNW | 1 | bc | 52 | 92 | 6 | - | - | 0 | 1012.9 | +2.0 | W | 2 | bc | 41 | 97 | 3 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.3 | | |
| | Point of Ayre | 30 | 1009.6 | +1.4 | NNW | 1 | bc | 52 | 92 | 6 | - | - | 0 | 1012.5 | +1.2 | W | 2 | bc | 41 | 97 | 3 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.9 | |
| 13A | Tiree | 22 | 1009.2 | +6 | W | 0 | bc | 58 | 92 | 8 | 2-3 | 2-3 | 2800 | 1010.6 | +1.0 | WSW | 2 | bc | 56 | 92 | 8 | 2 | 3 | 2-3 | 2-3 | 2800 | 0 | 61 | 50 | 50 | 3 | - | 0.2 | | |
| | Stornoway | 80 | 1008.5 | 0 | W | 0 | bc | 58 | 97 | 7 | 8 | 7 | 1500 | 1010.1 | +1.0 | W | 3 | bc | 55 | 92 | 8 | 2 | 3 | 1 | 7-8 | 3500 | 1 | 58 | 54 | 50 | 0.5 | - | 0.7 | | |
| | Dalwhinnie | 1176 | 1008.5 | 0 | W | 0 | bc | 58 | 97 | 7 | 8 | 7 | 1500 | 1010.1 | +1.0 | W | 3 | bc | 55 | 92 | 8 | 2 | 3 | 1 | 7-8 | 3500 | 1 | 58 | 54 | 50 | 0.5 | - | 0.7 | | |
| 15 | Aberdeen | 79 | 1009.7 | +2 | ESE | 1 | bc | 55 | 97 | 7 | 5 | 3 | 4000 | 1010.8 | +6 | SE | 1 | bc | 48 | 97 | 7 | 2 | 4 | 1 | 4-6 | 2500 | 1 | 58 | 41 | 32 | 3 | 1 | 1.8 | | |
| | Wick | 119 | 1009.7 | +2 | ESE | 1 | bc | 55 | 97 | 7 | 5 | 3 | 4000 | 1010.8 | +6 | SE | 1 | bc | 48 | 97 | 7 | 2 | 4 | 1 | 4-6 | 2500 | 1 | 60 | 46 | 39 | - | - | 12.6 | | |
| | Sumburgh | 30 | 1010.0 | +2 | W | 0 | bc | 49 | 97 | 8 | 5 | 2-3 | 2-3 | 3000 | 1010.8 | +6 | W | 0 | bc | 53 | 97 | 8 | 5 | 3 | 2-3 | 2-3 | 2400 | 1 | 61 | 48 | 35 | 2 | 2 | 0.0 | |
| 17 | Blackod Point | 18 | 1010.5 | +10 | W | 0 | bc | 52 | 92 | 8 | 2-3 | 2- | | | | | | | | | | | | | | | | | | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 24h. August... 18h. G.M.T. | | | | 01h. G.M.T. 25th. August... 07h. G.M.T. | | | | | | | | |
|--|----------------|-------|-------|---|-------|-------|----------------|-------|-------|----------------|-------|-------|
| III | C _M | wwVhN | DDFWN | C _M | wwVhN | DDFWN | C _M | wwVhN | DDFWN | C _M | wwVhN | DDFWN |
| 100 | 83 | 02864 | 28226 | 87 | 81865 | 18126 | 5- | 02757 | 00027 | 5- | 08528 | 08148 |
| 115 | 54 | 02944 | 20425 | 54 | 02844 | 20325 | 54 | 02944 | 12325 | 52 | 02844 | 12387 |
| 208 | 8- | 02945 | 16425 | 80 | 02943 | 16423 | 5- | 02946 | 10426 | | | |
| 206 | 83 | 82855 | 16286 | 83 | 02864 | 24185 | 5- | 02648 | 00028 | 5- | 08528 | 00028 |
| 210 | 80 | 01863 | 16243 | 47 | 02863 | 10185 | 53 | 01764 | 10125 | 07 | 01800 | 00025 |
| 220 | 73 | 01953 | 18304 | 53 | 01954 | 19316 | | | | 53 | 01953 | 15414 |
| 230 | 23 | 02853 | 20226 | 27 | 02844 | 22117 | 5- | 02866 | 00066 | 57 | 02861 | 06217 |
| 245 | 26 | 01853 | 20315 | 44 | 02863 | 16316 | 54 | 02453 | 28127 | 52 | 02664 | 06168 |
| 260 | 83 | 01764 | 22114 | 57 | 02864 | 20127 | 54 | 00761 | 00012 | 53 | 22566 | 00068 |
| 278 | 86 | 00863 | 32113 | 23 | 02951 | 14316 | | | | 52 | 62635 | 10368 |
| 279 | 20 | 00752 | 20302 | 25 | 01862 | 22214 | 5- | 05684 | 08244 | 5- | 02557 | 04167 |
| 285 | | | | | | | | | | | 48109 | 10349 |
| 288 | 20 | 00862 | 18102 | 40 | 01753 | 18214 | 53 | 08454 | 18215 | 52 | 62655 | 4228 |
| 575 | 87 | 02953 | 10217 | 23 | 02851 | 14125 | 57 | 61854 | 18217 | 62 | 51636 | 08258 |
| 801 | 20 | 00851 | 26201 | 26 | 02754 | 30115 | 52 | 05554 | 14488 | 52 | 62644 | 13568 |
| 321 | 10 | 05663 | 00003 | 17 | 05651 | 16314 | 07 | 05600 | 15303 | 62 | 61526 | 16368 |
| 299 | 70 | 05643 | 28308 | 57 | 05654 | 24214 | 50 | 05653 | 18213 | 5- | 64448 | 12468 |
| 292 | 10 | 00962 | 18102 | 10 | 00662 | 15102 | 00 | 05503 | 16125 | 02 | 62638 | 17368 |
| 310 | | | | | | | | | | | 57109 | 26449 |
| 614 | 20 | 05664 | 20114 | 00 | 02700 | 18117 | 51 | 05554 | 16128 | 02 | 62438 | 18268 |
| 333 | 10 | 01851 | 19203 | 13 | 02941 | 18117 | 52 | 02754 | 12428 | 52 | 54427 | 12368 |
| 334 | | | | | | | | | | | 03647 | 20228 |
| 340 | 10 | 01764 | 23214 | 04 | 02700 | 14317 | 5- | 05578 | 14228 | 62 | 51635 | 12468 |
| 136 | 10 | 01853 | 32363 | 40 | 02861 | 18106 | 00 | 05600 | 14214 | 62 | 62636 | 12368 |
| 336 | | | | | | | | | | 52 | 51652 | 16368 |
| 350 | 80 | 05665 | 18115 | 07 | 02700 | 16228 | | | | 5- | 52428 | 12368 |
| 368 | 10 | 05661 | 22226 | | | | | | | | | |
| 379 | 20 | 01754 | 00014 | 03 | 02700 | 14326 | 5- | 22678 | 14368 | -- | 57109 | 14369 |
| 390 | 80 | 01755 | 30155 | 57 | 02770 | 00027 | 57 | 05574 | 2227 | 52 | 51537 | 12368 |
| 382 | 7- | 02756 | 30126 | 03 | 02700 | 217? | 57 | 05665 | 12328 | 62 | 52426 | 12258 |
| 438 | 5- | 03748 | 20328 | | | | | | | | 67009 | 20469 |
| 430 | 2- | 01854 | 30214 | 07 | 02700 | 18328 | 52 | 05665 | 2268 | 02 | 54408 | 14368 |
| 406 | 53 | 02954 | 16327 | 57 | 02941 | 14328 | 02 | 52628 | 14568 | 5- | 57308 | 21458 |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C, C_M - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Monday 25th August...

| | |
|---------------------------------|--|
| 1 S.E. England | Moderate south to southwest winds; cloudy with some light rain or showers at first; then mainly fair; rather close. |
| 2 E. England ... | As 1 |
| 3 E. Midlands ... | Winds southeast moderate veering south to southwest this afternoon; dull with rain early, becoming mainly fair; local coast fog early; rather close. |
| 4 W. Midlands ... | As 1 |
| 5 S.W. England | Wind west to southwest moderate to fresh locally, backing southwest to south; fair periods, local showers, overcast with some drizzle or light rain later with some coast and hill fog; close. |
| 6 South Wales ... | As 2 |
| 7 North Wales ... | As 2 |
| 8 N.W. England | As 2 |
| 9 N. Midlands ... | Wind southeast to south moderate to fresh locally veering south to southwest; dull, rainy at first, bright periods with some showers later; rather close. |
| 10 N.E. England | As 9 |
| 11 S.E. Scotland | As 9 |
| 12 S.W. Scotland & Isle of Man. | As 9 |
| 13A. W. Scotland | As 9 |
| 13B. N.W. Scotland | Wind east to southeast, light, freshening; fair early, then dull and rainy, some local coast fog, rather cool. |
| 14 Mid Scotland | As 13B |
| 15 N. E. Scotland | As 13B |
| 16 Orkneys and Shetlands | As 13B |
| 17 N. W. Ireland | As 7-8 |
| 18 N. E. Ireland | As 7-8 |
| 19 S. E. Ireland | As 5-6 |
| 20 S. W. Ireland | As 5-6 |

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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 = Warm Front on the Surface
 = Warm Front above the ground
 = Cold Front on the surface
 = Cold Front above the ground
 = Occluded Front (or Occlusion)
 = Warm Occlusion
 = Cold Occlusion
 = Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

Pressure is high on the Continent and lowest south of Iceland. A secondary depression just off Northwest Ireland is moving north-northeast and will later turn north or north-northwest. There will be a period of general rain in the northern half of the country today but improving conditions over the Southwest will spread northeast. Further rain or drizzle is expected in the Southwest tomorrow.

FURTHER OUTLOOK.

Rather unsettled with some further rain or drizzle in most districts but smaller amounts than of late.

Forecasts issued at 10.30h. G.M.T.

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

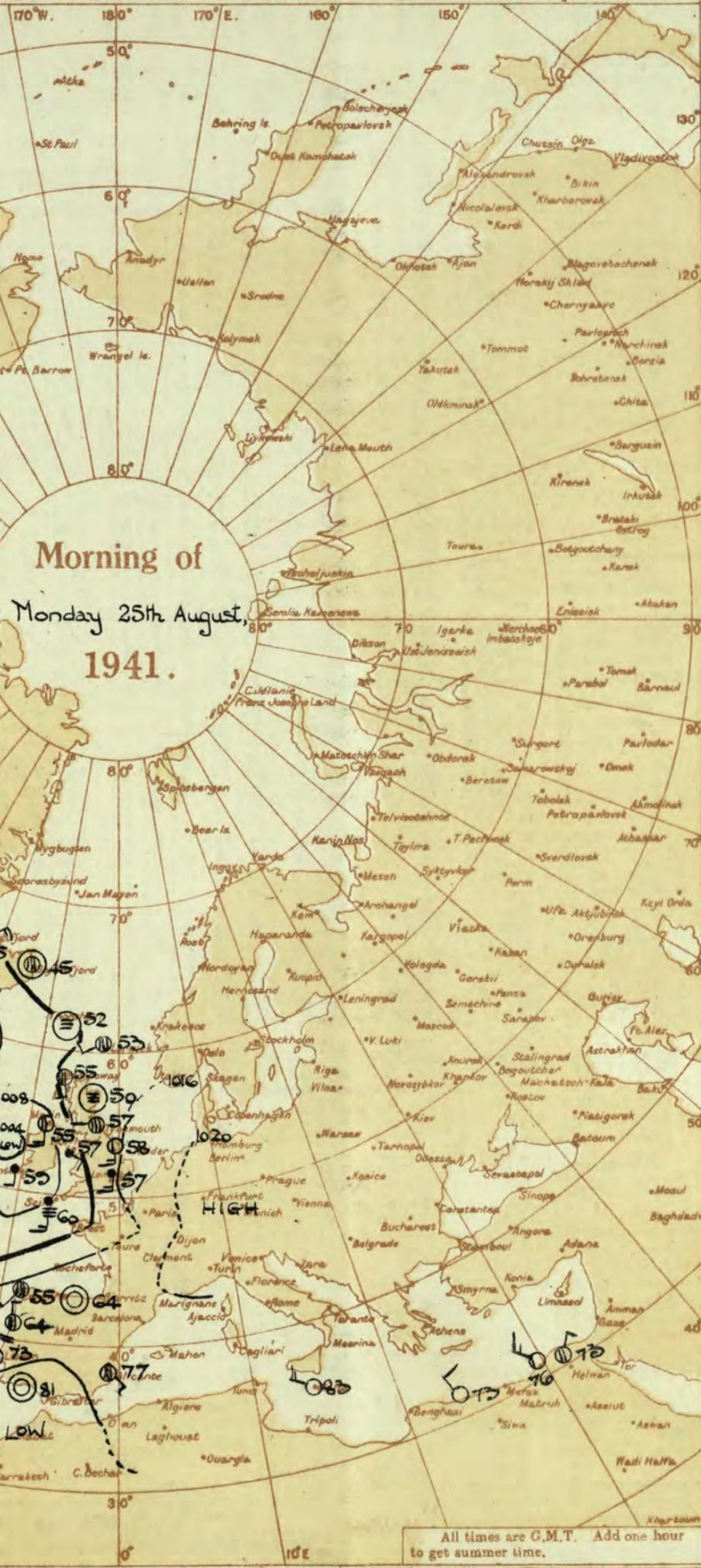
H.M.S.O. Press, Meteorological Office, Dunstable.

C.269/4120. No. 8176. D. 6034. Op. 348. 3500. 9/41

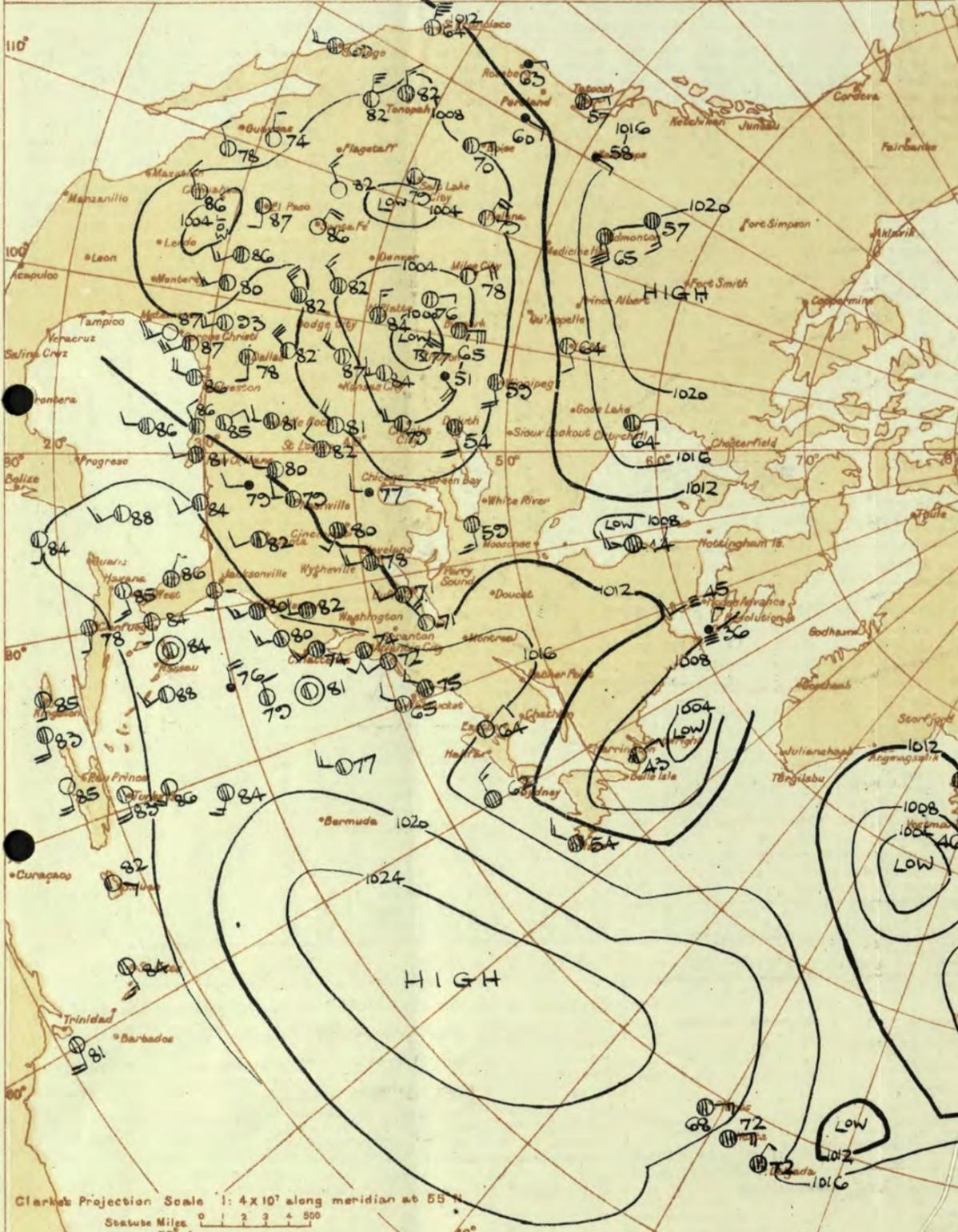
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin.
 In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
Monday 25th August,
1941.



Clark's Projection Scale 1: 4x10⁷ along meridian at 55° N
 Statute Miles 0 1 2 3 4 500
 50'

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. Δ Hail.
 Fog ≡ Mist ≡ Thunder. (T) Thunderstorm. ≡ Slight haze. ≡
 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.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table of weather observations at 1 hr. G.M.T. and 7 hr. G.M.T. for August 25th, 1941. Includes columns for District, Stations, Barom., Wind, Temp., Humid., Cloud, and Rainfall.

LONDON OBSERVATIONS table showing weather, temperature, and rainfall for various London locations like Kew, Croydon, and Greenwich.

FOREIGN OBSERVATIONS table showing weather data for Reykjavik, Lisbon, Madrid, Cairo, Toronto, and Washington.

EXPLANATION OF FIGURES, LETTERS, etc. section providing detailed definitions for weather symbols, temperature scales, and rainfall measurements.

EXPLANATION OF FIGURES, LETTERS, etc. section providing detailed definitions for atmospheric pollution, surface visibility, and sea state codes.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Tuesday 26th August 1941.
No. 29132

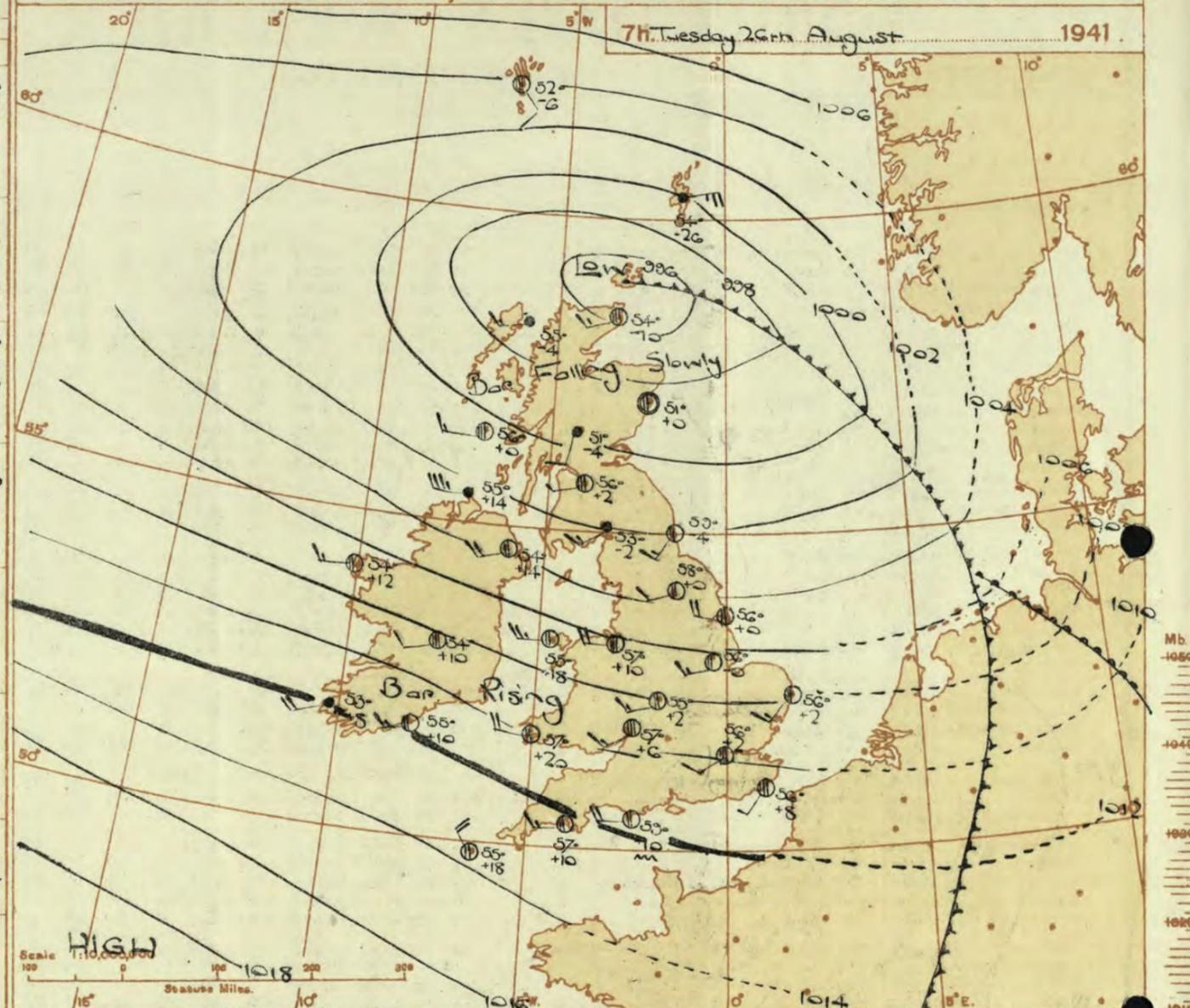
| OBSERVATIONS at 13h. G.M.T. 25th August | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 25th August | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | | | | |
|---|--------------------------------------|--------------------------------------|-----------------------------|---------------|---------------|---------------------|--------------------|---------------------------|-----------------|-------|------|-----------------|---|---|------------------------------|-------------|--------------|----------------------|---------------------|----------------------------|--------------|---------------------|-----------------------|----------------|---------------|------------------------------------|---------------------|------------------|----------------------|---------------------|----------------------------|----------------------|----------------|-----------------|---|----------|------|-----|------|
| DISCRETOR. | STATIONS.
(For heights see p. 4.) | Barom.
at
M.S.L.
mb.
(1) | Change in
8 hours
(2) | Wind. | | Temp.
°F.
(6) | Humid.
%
(7) | Visibility.
0-9
(8) | Cloud. | | | | | Barom.
at
M.S.L.
mb.
(15) | Change in
8 hours
(16) | Wind. | | Temp.
°F.
(20) | Humid.
%
(21) | Visibility.
0-9
(22) | Cloud. | | | | | State of
ground.
0-9
(29) | Sea.
0-9
(30) | WEATHER. | | | | | | | | | | | |
| | | | | Dirac.
(3) | Force.
(4) | | | | Weather.
(5) | Form. | | Amount.
(12) | Height
of
Base.
(feet)
(14) | | | Low.
(9) | Med.
(10) | | | | High
(11) | Low
0-10
(12) | Total
0-10
(13) | Dirac.
(17) | Force
(18) | | | Weather.
(19) | Temp.
°F.
(20) | Humid.
%
(21) | Visibility.
0-9
(22) | Form. | | Amount.
(26) | Height
of
Base.
(feet)
(28) | WEATHER. | | | |
| | | | | | | | | | | Low. | Med. | | | | | | | | | | | | | | | | | | | | | High | Low | | | Med. | High | Low | Med. |
| 1 | London (Kew)... | 1009.0 | -8 | SW | 3 | C | 67 | 85 | 8 | 5 | - | 9+ | 9+ | 1500 | 1009.2 | +2 | SW'S | 3 | C | 64 | 85 | 8 | 8 | 4 | 9 | 4-6 | 7-8 | 1500 | 1 | * | cm c id c | cbc | cbc w | bc m w | | | | | |
| | Croydon ... | 1009.4 | -8 | SSW | 3 | C | 66 | 92 | 8 | 6 | - | 9+ | 10 | 1000 | 1009.8 | +4 | SSW | 3 | C | 64 | 85 | 8 | 2 | 3 | 1 | 1 | 4-6 | 2000 | 1 | * | d. d. c | c | bc m | bc w b c | | | | | |
| | S. Farnborough | 1009.3 | -2 | SWW | 3 | C | 67 | 85 | 8 | 5 | - | 9+ | 9+ | 1000 | 1009.7 | 0 | SW | 3 | C | 66 | 85 | 8 | 5 | 9 | 3 | 1 | 3 | 1700 | 1 | * | d. m. c | e | bc b c | b. b c c | | | | | |
| | Boscombe Down | 1009.2 | -6 | SW | 3 | C | 71 | 75 | 8 | 6 | - | 4-4 | 10 | 2000 | 1010.1 | +2 | WN | 4 | bc | 65 | 65 | 8 | 2 | 3 | 1 | 1 | 4-6 | 3000 | 1 | * | o. d. d. m. c | bc y | bc, b | bc w b c | | | | | |
| | Thorney Island | 1010.5 | -2 | SW'S | 3 | C | 67 | 85 | 8 | 5 | 3 | - | 4-6 | 7-8 | 1500 | 1010.8 | 0 | SW'W | 3 | C | 63 | 85 | 7 | 8 | 3 | 2 | 2-3 | 9 | 1500 | 1 | * | o. i. d. c | bc c | bc m c b | bc w p. r. c | | | | |
| | Lympne ... | 1011.3 | -10 | WSW | 3 | C | 63 | 97 | 7 | 5 | - | 10 | 10 | 1150 | 1011.8 | +2 | WSW | 3 | C | 61 | 97 | 8 | 5 | 7 | 2 | 2-3 | 7-8 | 500 | 1 | §4 | o. r. d. f. f | o. f. i. d. r. c | bc c m | o. m. b. c c | | | | | |
| | Manston ... | 1010.2 | -14 | SW'W | 3 | C | 65 | 97 | 7 | 5 | - | 10 | 10 | 700 | 1009.6 | -2 | SW'W | 3 | C | 64 | 85 | 9 | 2 | 7 | - | Tr | 9+ | 2500 | 1 | * | o. d. d. m. | cc. r. | bc c. i. d. m. | bc c m | | | | | |
| 2 | Shoeburyness ... | 1000.0 | -12 | SSW | 3 | C | 69 | 85 | 8 | 5 | - | 10 | 10 | 1500 | 1009.7 | 0 | SSW | 3 | C | 66 | 85 | 8 | - | 4 | 9 | 0 | 7-8 | - | 1 | * | ci. r. m. c | c | bc c | bc w b c | | | | | |
| | Felixstowe ... | 1009.0 | -26 | SE | 4 | C | 64 | 97 | 7 | 6 | 2 | - | 4-6 | 10 | 300 | 1007.9 | -2 | SW | 3 | C | 66 | 92 | 8 | 5 | 7 | - | 7-8 | 9+ | 4000 | 1 | 3 | i. d. i. d. m. d. d. | oc | bc c | bc m. u. m. | | | | |
| | Gorleston ... | 1009.8 | -26 | SE | 5 | C | 61 | 97 | 5 | 6 | - | 10 | 10 | 1500 | 1007.8 | -4 | SW | 3 | C | 68 | 92 | 6 | 5 | 3 | - | 7-8 | 3 | 1000 | 1 | 3 | o. r. r. i. s. d. | o. d. c. c | bc c | bc w | | | | | |
| | Mildenhall ... | 1007.7 | -22 | SE | 3 | C | 67 | 92 | 7 | 5 | 2 | - | 7-8 | 10 | 800 | 1007.5 | -2 | SW'W | 4 | C | 67 | 85 | 8 | 8 | 7 | 1 | 1 | 7-8 | 2000 | 1 | * | ci. r. m. c | ci. d. c | bc b c | bc w b c | | | | |
| | Cranwell ... | 1007.2 | -18 | S | 3 | C | 62 | 97 | 4 | 6 | 2 | - | 9+ | 10 | 300 | 1006.5 | -2 | WSW | 4 | C | 66 | 65 | 8 | 2 | 5 | 5 | 1 | 9 | 2500 | 1 | * | p. d. d. m. | o. d. m. c | bc, b | bc | | | | |
| 3 | Birmingham | 1006.8 | -4 | SW | 3 | C | 63 | 85 | 8 | 9 | - | 7 | 4-6 | 10 | 2500 | 1007.5 | +2 | WSW | 3 | C | 66 | 65 | 8 | 5 | 7 | - | Tr | 7-8 | 2500 | 1 | * | r. c | bc c | bc c | bc p r | | | | |
| | Upper Heyford | 1003.5 | +12 | W | 3 | C | 68 | 85 | 7 | 8 | - | 10 | 10 | 800 | 1008.5 | +6 | SW | 3 | C | 63 | 75 | 7 | 1 | 7 | 3 | Tr | 4-6 | 2000 | 1 | * | cm. c | bc y. bc | bc c | bc i. d. c | | | | | |
| | Ross-on-Wye ... | 1007.8 | +4 | WSW | 4 | C | 67 | 75 | 8 | 2 | 3 | - | 10 | 300 | 1008.8 | +4 | SW'W | 4 | bc | 62 | 75 | 8 | 6 | 7 | - | 4-6 | 9+ | 2500 | 1 | * | d. c. p. c | cd c | bc c | bc p. c | | | | | |
| 5 | Hartland Point | 1010.0 | +0 | WSW | 4 | C | 59 | 97 | 8 | 5 | 7 | - | 4-6 | 7-8 | 1000 | 1009.2 | -8 | WSW | 4 | C | 59 | 92 | 7 | 5 | - | 8 | 7-8 | 9+ | 700 | 1 | 4 | f. f. c | c | bc y. c. b c | bc b c | | | | |
| | Bristol ... | 1009.5 | +6 | W | 4 | C | 65 | 95 | 8 | 8 | 3 | - | 9 | 9+ | 1500 | 1009.4 | -12 | W | 3 | C | 62 | 85 | 8 | 8 | 3 | 6 | 10 | 9 | 2500 | 1 | * | ci. d. c | cl. d. d | bc c | bc p. r. r. b | | | | |
| | Portland Bill ... | 1010.2 | +2 | SW | 4 | C | 60 | 85 | 7 | 5 | - | 10 | 10 | 2500 | 1011.7 | +8 | SW | 4 | C | 60 | 92 | 8 | 5 | - | - | 10 | 10 | 2500 | 1 | 5 | o. f. f. c | c | bc c | bc c | | | | | |
| | Plymouth ... | 1012.1 | +14 | W | 4 | C | 63 | 92 | 8 | 2 | 3 | 1 | 2-3 | 7-8 | 2000 | 1011.7 | -6 | WSW | 4 | C | 60 | 92 | 6 | 5 | 3 | - | 4-6 | 9 | 500 | 0 | 3 | o. d. d. m. b. c | bc c | bc c | bc p. r. b c | | | | |
| | The Lizard ... | 1012.4 | +8 | W | 4 | C | 62 | 92 | 8 | 8 | 2 | - | 7-8 | 9+ | 1500 | 1011.6 | -6 | WSW | 4 | C | 60 | 92 | 8 | 8 | 6 | - | 7-8 | 7-8 | 2500 | 1 | 4 | d. f. i. f. c | c | bc w | bc w | | | | |
| | Soilly (St. Mary's) | 1011.5 | +2 | WSW | 4 | C | 63 | 85 | 8 | 8 | 1 | - | 4-6 | 9 | 1500 | 1011.0 | -6 | WSW | 4 | C | 61 | 92 | 7 | 8 | 7 | 2 | 4-6 | 9 | 1500 | 1 | 3 | o. d. f. f. c | c | bc y. b c | bc w | | | | |
| | Guernsey ... | 1011.5 | +2 | WSW | 4 | C | 63 | 85 | 8 | 8 | 1 | - | 4-6 | 9 | 1500 | 1011.0 | -6 | WSW | 4 | C | 61 | 92 | 7 | 8 | 7 | 2 | 4-6 | 9 | 1500 | 1 | 3 | o. d. f. f. c | c | bc y. b c | bc w | | | | |
| 6 | Pembroke ... | 1009.0 | +12 | WSW | 5 | C | 61 | 92 | 7 | 8 | 3 | - | 4-6 | 7-8 | 1500 | 1009.7 | +6 | SW | 5 | C | 59 | 92 | 7 | 2 | 6 | - | 4-6 | 4-6 | 2000 | 1 | 3 | i. d. c. m | bc c | bc c. i. d. | bc y. c | | | | |
| | Holyhead (Valley) | 1005.0 | +6 | SSW | 4 | bc | 62 | 92 | 7 | 8 | - | - | 4-6 | 4-6 | 600 | 1005.3 | 0 | SW | 5 | C | 60 | 92 | 6 | 8 | 3 | 2 | 4-6 | 7-8 | 2000 | 1 | 3 | o. d. f. c | bc c | bc c | bc c | | | | |
| | Chester (Sealand) | 1005.0 | -10 | WSW | 3 | C | 71 | 65 | 9 | 8 | 7 | 6 | 2-3 | 9 | 1400 | 1006.5 | +4 | SW | 3 | C | 65 | 65 | 8 | 2 | 4 | 8 | 4-6 | 7-8 | 2500 | 1 | 3 | cm. m. d. c | c | bc b c m | bc m. p. r. c | | | | |
| | Manchester ... | 1005.6 | -14 | S | 3 | z. | 66 | 75 | 6 | 5 | - | - | 10 | 1400 | 1006.1 | 0 | SW | 3 | C | 64 | 75 | 8 | 2 | 6 | 8 | 4-6 | 4-6 | 2500 | 1 | * | r. f. r. c. m. | cm. c. b c | bc b w m | bc c m. p. r. | | | | | |
| 10 | Spurn Head ... | 1007.1 | -16 | SSE | 4 | id. | 60 | 97 | 5 | - | 2 | - | 10 | 10 | 800 | 1005.3 | -4 | SW'S | 3 | C | 65 | 85 | 6 | 2 | 7 | 8 | 4-6 | 7-8 | 4000 | 1 | 3 | o. m. d. | re. m. c | b | bc c | | | | |
| | Catterick ... | 1005.6 | -22 | S | 2 | m. y. r. | 61 | 92 | 4 | 6 | 2 | - | 7-8 | 10 | 300 | 1004.7 | 0 | WS | 3 | bc | 64 | 75 | 8 | 8 | 7 | 2 | 2-3 | 4-6 | 2500 | 1 | * | er. o. d. m. | cm. r. c | pr. b c m | pr. e. b c | | | | |
| | Tynemouth ... | 1007.4 | -22 | SE | 4 | o. r. d. | 56 | 97 | 6 | 5 | - | - | 10 | 10 | 1200 | 1003.7 | -18 | S | 3 | z. | 63 | 85 | 5 | 2 | 3 | 1 | 4-6 | 7-8 | 2000 | 1 | 2 | co. i. s. i. d. m. | o. c. m. c | bc c | bc p. r. b c | | | | |
| 11 | St. Abbs Head | 1006.5 | -8 | SE | 4 | f. + | 54 | 97 | 3 | - | - | 10 | 10 | 1500 | 1002.6 | -16 | SE | 3 | F | 55 | 97 | 1 | - | - | - | 10 | 10 | 1500 | 1 | 2 | | F. f. e | cm. b c | bc | | | | | |
| | Leuchars ... | 1005.4 | -24 | SE | 4 | z. | 63 | 85 | 6 | 5 | - | - | 9+ | 9+ | 1800 | 1002.2 | -22 | SE | 3 | F | 57 | 92 | 6 | 5 | - | - | 10 | 10 | 500 | 0 | * | cm. m. c. m. c. m. | ci. r. c. m. | cm. b c m | bc c m. | | | | |
| | Reufrew (Abbots L.) | 1004.9 | -20 | EN | 2 | r. o. r. | 58 | 85 | 4 | 5 | - | - | 4-6 | 10 | 3000 | 1002.1 | -24 | SW | 2 | C | 59 | 92 | 3 | 8 | 3 | - | 9+ | 9+ | 1000 | 1 | * | ci. d. m. o. f. c | r. o. d. f. c | bc m. p. r. | PR. p. r. m. c | | | | |
| | Eskdalemuir ... | 1004.3 | -14 | SE'S | 2 | r. o. r. | 55 | 92 | 6 | 6 | - | - | 10 | 10 | 450 | 1002.7 | -8 | SW'S | 4 | C | 57 | 97 | 6 | 6 | - | - | 10 | 10 | 450 | 1 | * | ci. r. r. | ci. r. r. | bc r. r. | ci. r. | | | | |
| | Point of Ayre ... | 1004.2 | -10 | SW | 3 | id. | 68 | 97 | 7 | 6 | 2 | - | 7-8 | 10 | 1000 | 1003.3 | -4 | WSW | 4 | C | 65 | 95 | 8 | 8 | 7 | - | 7-8 | 9 | 4000 | 1 | 3 | d. d. c. i. d. | bc c c | bc c | bc c | | | | |
| 13A | Three ... | 1003.6 | -16 | SEE | 2 | C | 57 | 85 | 7 | 5 | - | - | 10 | 10 | 1100 | 1000.8 | -10 | SW'W | 4 | C | 57 | 97 | 7 | 5 | - | - | 7-8 | 7-8 | 800 | 1 | 3 | cd. r. d. | o. d. r. c | bc c | bc b c | | | | |
| 13B | Stornoway ... | 1006.0 | -22 | EE | 2 | C | 61 | 75 | 8 | 5 | 3 | - | 2-3 | 9 | 4000 | 1002.5 | -16 | N | 1 | C | 59 | 85 | 8 | 5 | 7 | - | 7-8 | 10 | 2000 | 1 | 1 | | C | pr | bc b c | | | | |
| 15 | Dalwhinnie ... | 1005.1 | -20 | SSE | 2 | z. | 55 | 85 | 6 | 5 | 2 | - | 7-8 | 10 | 1500 | 1002.7 | -18 | SE | 3 | rr | 53 | 97 | 6 | 5 | 2 | - | 7-8 | 10 | 1500 | 1 | * | C | orr | pr | ci. r. o | | | | |
| | Aberdeen ... | 1007.5 | -18 | SE | 2 | z. | 57 | 92 | 5 | 6 | 2 | - | 7-8 | 10 | 1200 | 1003.4 | -26 | SE | 4 | r. o. r. | 54 | 97 | 6 | 6 | 2 | - | 9+ | 10 | 1100 | 1 | 3 | ci. r. f. c | cc | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 18h. G.M.T. 25th August... 18h. G.M.T. | | | | 01h. G.M.T. 26th August... 07h. G.M.T. | | | | | | | | |
|--|----------------|--------------------|-------|--|--------------------|-------|----------------|--------------------|-------|----------------|--------------------|-------|
| III | C _u | wwVhN _h | DDFWN | C _u | wwVhN _h | DDFWN | C _u | wwVhN _h | DDFWN | C _u | wwVhN _h | DDFWN |
| 109 | 53 | 05774 | 12426 | 5- | 05538 | 12368 | 5- | 05538 | 12368 | 6- | 03648 | 06568 |
| 115 | 53 | 09844 | 12316 | 52 | 02734 | 12327 | -- | 67103 | 12369 | -- | 46203 | 20269 |
| 203 | 5- | 01844 | 32224 | | | | | | | 5- | 03838 | 20328 |
| 206 | 52 | 62755 | 04168 | 52 | 61655 | 08268 | 5- | 02758 | 16168 | 5- | 01855 | 20225 |
| 210 | 5- | 02867 | 09357 | 52 | 62665 | 10268 | 5- | 01765 | 20165 | 54 | 01853 | 20214 |
| 220 | | | | | | | | | | | | |
| 230 | 52 | 61857 | 10268 | 62 | 63647 | 16168 | 5- | 02845 | 00065 | 8- | 02857 | 20388 |
| 245 | 52 | 05647 | 12368 | 02 | 52518 | 11468 | 5- | 01733 | 23363 | 54 | 05665 | 20317 |
| 260 | 5- | 08658 | 10328 | 5- | 21548 | 08158 | 50 | 01764 | 20284 | 80 | 02846 | 20386 |
| 278 | 5- | 21628 | 12368 | 3- | 81957 | 19387 | 5- | 00852 | 20302 | 5- | 02867 | 21467 |
| 279 | 52 | 52645 | 00058 | 84 | 01854 | 20355 | 8- | 02775 | 16295 | 8- | 02848 | 55588 |
| 286 | -- | 67203 | 08363 | | | | | | | 20 | 25636 | 24587 |
| 288 | 5- | 02748 | 14368 | 80 | 01842 | 22327 | 50 | 81755 | 19315 | 87 | 02754 | 19385 |
| 576 | 26 | 25856 | 28187 | 3- | 25855 | 24195 | 62 | 63636 | 57468 | | | |
| 801 | 5- | 61647 | 08365 | 84 | 01853 | 22463 | 8- | 25754 | 55684 | 87 | 02845 | 57587 |
| 321 | 52 | 05637 | 18358 | 87 | 02751 | 22316 | 00 | 05690 | 23200 | 86 | 05653 | 22314 |
| 209 | 5- | 54438 | 10538 | | | | 00 | 05590 | 22310 | 50 | 05653 | 20203 |
| 292 | 62 | 05336 | 19268 | | | | 5- | 00752 | 23302 | 5- | 01854 | 25214 |
| 310 | -- | 02428 | 26448 | -- | 01636 | 26416 | | | | | | |
| 614 | 62 | 21446 | 16268 | 57 | 02764 | 22325 | 00 | 05590 | 19300 | 1- | 08455 | 52405 |
| 333 | 51 | 02716 | 20357 | 5- | 02745 | 18525 | 5- | 01645 | 20525 | 23 | 01842 | 22413 |
| 334 | -- | 03656 | 12228 | -- | 81645 | 04327 | | | | -- | 03847 | 16328 |
| 340 | 23 | 25947 | 55457 | 27 | 02863 | 20225 | | | | 53 | 02875 | 22386 |
| 136 | 5- | 21637 | 15468 | 29 | 02751 | 21363 | 03 | 01790 | 18213 | 50 | 01724 | 20314 |
| 330 | 14 | 01763 | 20414 | 52 | 02762 | 20418 | | | | | | |
| 350 | 7- | 21748 | 18458 | 23 | 02852 | 53525 | | | | 5- | 02748 | 18318 |
| 368 | 87 | 51846 | 22557 | 27 | 02842 | 22527 | | | | | | |
| 379 | 57 | 02934 | 20357 | 27 | 01841 | 20315 | 50 | 01644 | 18314 | 20 | 25733 | 20384 |
| 390 | 57 | 02636 | 18358 | 83 | 02752 | 22325 | 04 | 05690 | 20212 | 53 | 05623 | 22314 |
| 382 | 87 | 02845 | 20327 | 27 | 02852 | 23425 | 04 | 00790 | 20212 | 5- | 21846 | 21326 |
| 438 | | | | | | | | | | 81 | 02755 | 24816 |
| 430 | 5- | 02728 | 22358 | 53 | 02835 | 20427 | 50 | 00741 | 22411 | 86 | 25854 | 22385 |
| 409 | 18 | 01953 | 20425 | 51 | 02834 | 21327 | 50 | 01734 | 20484 | 54 | 02846 | 26387 |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C_u, C_m - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Tuesday 26th August... |
|---------------------------------|---|
| 1 S.E. England | Mainly moderate westerly winds; bright intervals and local showers, with thunder in places, more especially in the East; average temperature. |
| 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. Scotland | |
| 13 B. N.W. Scotland | Variable winds, finally, becoming westerly moderate, dull and rainy at first; bright intervals and local thundery showers later; average temperature. |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | Moderate westerly wind, fresh locally; bright intervals and local thundery showers and thunderstorms; 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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 = Warm Front on the Surface
 = Cold Front on the surface
 = Warm Front above the ground
 = Cold Front above the ground
 = Occluded Front (or Occlusion)
 = Warm Occlusion
 = Cold Occlusion
Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.
A depression centered off North Scotland is moving northeast or east. Weather will be generally showery, with some local thunderstorms, but in the extreme north there will be more general rain at first.

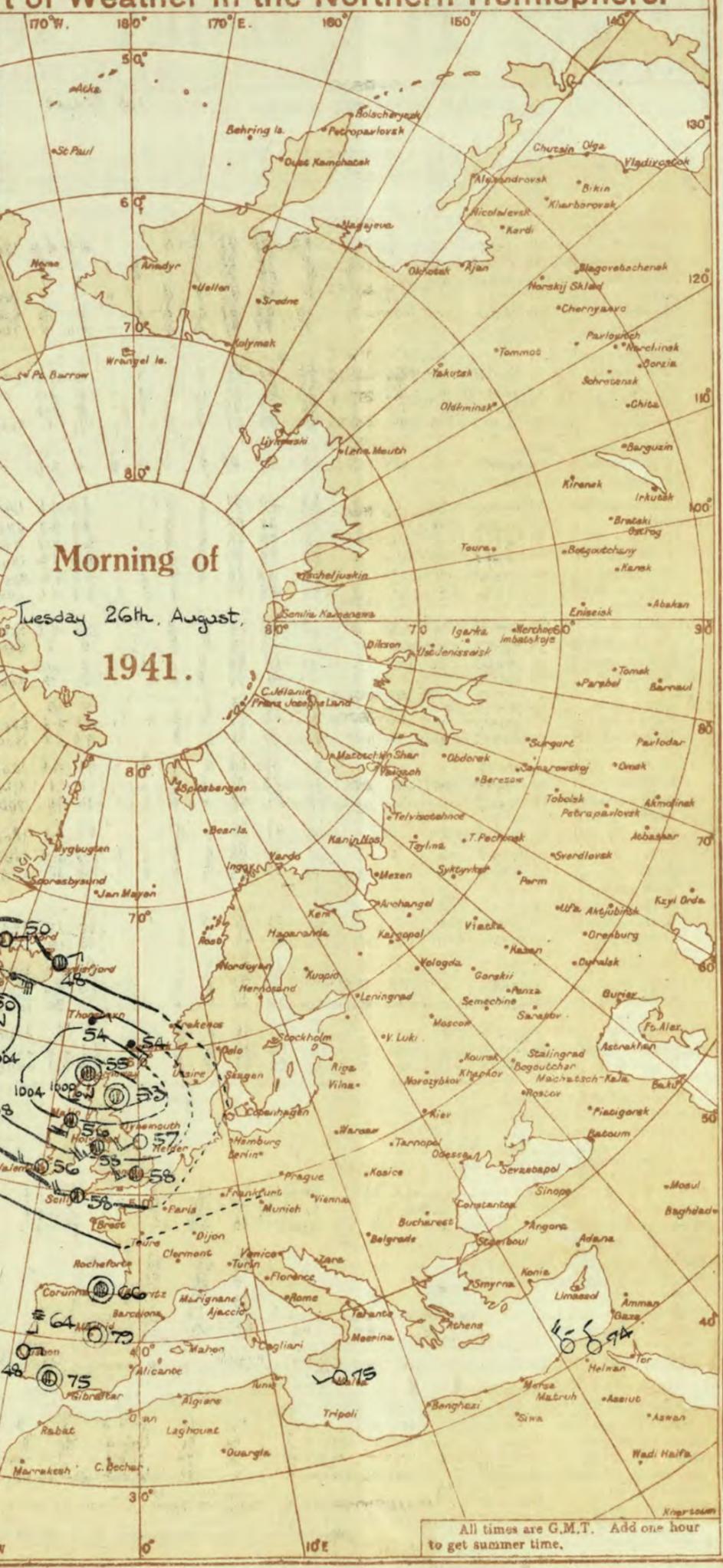
FURTHER OUTLOOK.
A short interval of mainly fair weather, followed by further rain spreading across from the West.

Forecasts issued at 10.30h.
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.
H.M.S.O. Press, Meteorological Office, Dunstable. G.289/4120. H. 9/76. D. 6034. Gp. 240. 3/50. 3/41

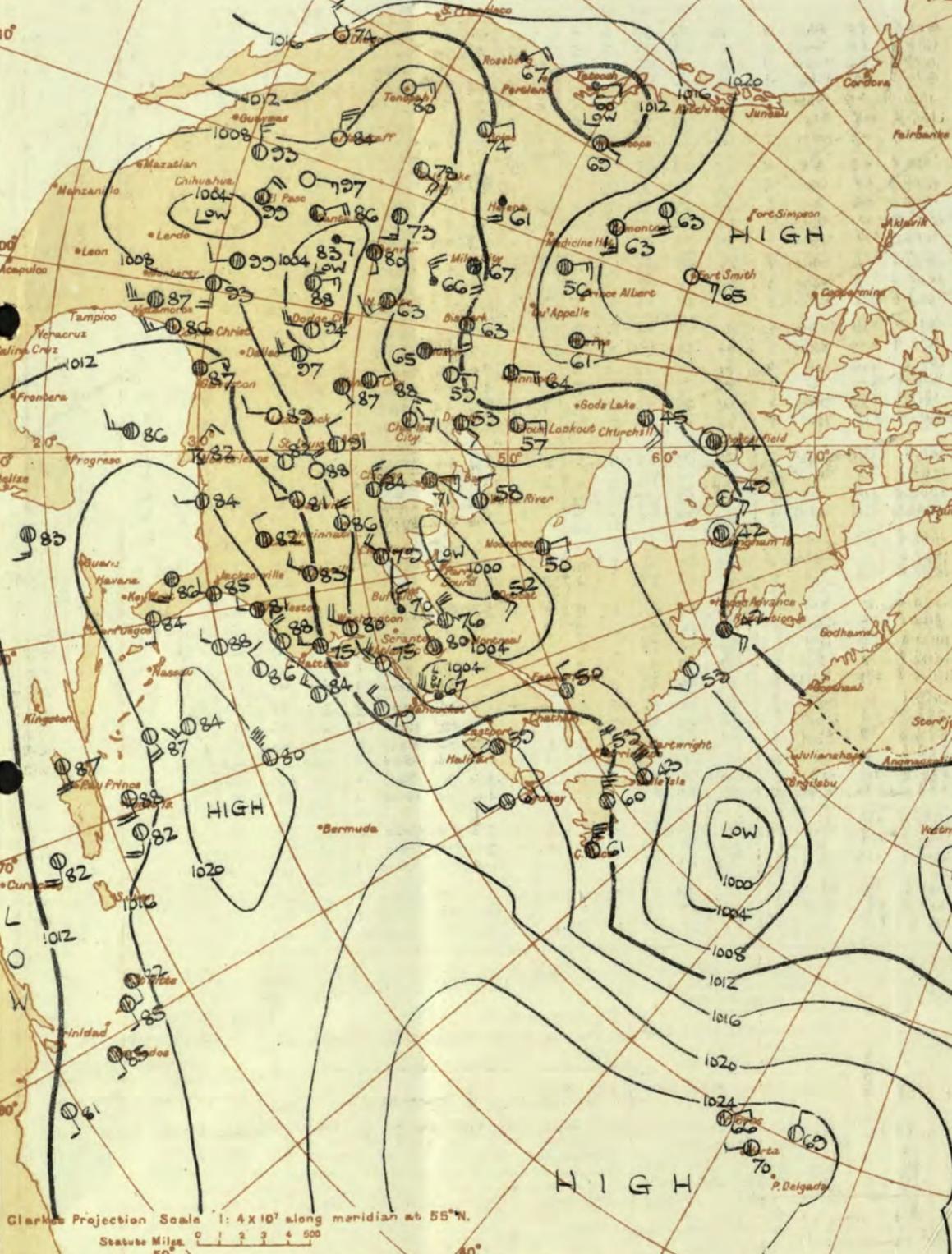
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
 Tuesday 26th. August,
 1941.



Clarke's Projection Scale 1: 4 x 10⁷ 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. Δ Hail.
 Fog ≡ Mist ≡ Thunder. (Z) Thunderstorm. K Slight haze. ☁
 Hours of observation: — Azores, Greenland, Ships, oh, G.M.T. America and Europe, mainly th, G.M.T.; U.S.S.R. (Europe and Asia), th, local time.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 26th August | | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 26th August | | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | |
|--|---------------------|------------------------------|-------------------|------------------------|--------|--------|----------|---------------|--------------|-----------------|--------|---------|-----------------------------|--------|--|-------------------------|--------|-------|----------|----------------|---------------|------------------|---------|-----------------------------|-----------------------|--------------------------|-----------------------|-------------------------|----------------------------|------------------------|---------------------|-----------------------|------|--------------------|------|-------|------|------|
| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. M.S.L. (1) | Change in 3 hours. (2) | Wind. | | Weather. | Temp. °F. (6) | Humid. % (7) | Visibility. (8) | Cloud. | | | | Barom. at M.S.L. (15) | Change in 3 hours. (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility. (22) | Cloud. | | | | Barom. at M.S.L. (29) | Change in 3 hours. (30) | TEMPERATURE. | | | RAINFALL. | | SUNSHINE Hrs. (36) | | | | |
| | | | | | Dirac. | Force. | | | | | Form. | Amount. | Height of Base. (feet) (14) | Dirac. | | | Force. | Form. | | | | | Amount. | Height of Base. (feet) (28) | State of Ground. (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) | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | | Med. | High. | Low. | Med. |
| 1 | London (Kew) | 18 | * | * | * | * | * | * | * | * | * | * | 1009.5 | +2 | SSW | 3 | z | 58 | 92 | 6 | 5 | - | 1 | 4.6 | 4.6 | 2500 | 1 | * | 70 | 55 | 51 | Tr | - | 1.3 | | | | |
| | Croydon | 217 | 1010.1 | -4 | SW | 3 | bc | 58 | 97 | 7 | 5 | - | 4.6 | 4.6 | 1500 | 1010.1 | +2 | SW'S | 2 | c | 56 | 97 | 7 | 5 | 5 | 2.3 | 2.3 | 2000 | 1 | * | 72 | 53 | 50 | 0.3 | - | 1.7 | | |
| | S. Farnborough | 226 | 1010.7 | +2 | W'S | 2 | b | 57 | 92 | 7 | 4 | - | 0 | Tr | - | 1009.9 | +2 | WSW | 4 | c | 57 | 85 | 8 | 5 | - | 9 | 9 | 4000 | 1 | * | 72 | 54 | * | 0.1 | - | 1.7 | | |
| | Boscombe Down | 417 | 1011.0 | +2 | SW | 2 | b | 53 | 97 | 7 | 4 | - | 0 | 1 | - | 1010.5 | +2 | WSW | 4 | bc | 57 | 85 | 8 | 5 | - | 1 | 2.3 | 4.6 | 1600 | 1 | * | 72 | 51 | 47 | 0.1 | Tr | 3.0 | |
| | Thorney Island | 10 | 1011.1 | 0 | WNW | 3 | b | 59 | 92 | 7 | 5 | - | 1 | 1 | 2100 | 1010.8 | +4 | WSW | 3 | c | 59 | 92 | 7 | 8 | 6 | - | 9 | 9 | 2500 | 1 | * | 68 | 57 | * | Tr | 1 | * | |
| | Lympne | 346 | 1011.5 | -2 | SW | 1 | z | 58 | 97 | 6 | 5 | - | 10 | 10 | 4000 | 1011.9 | +8 | SW | 1 | c | 56 | 97 | 7 | 5 | - | 6 | Tr | 7.8 | 2.0 | 1 | 66 | 54 | 46 | 1 | Tr | 0.1 | * | |
| | Manston | 154 | 1009.9 | -2 | WSW | 2 | z | 58 | 97 | 6 | 5 | 7 | - | 4.6 | 9 | 3000 | 1010.3 | +8 | WSW | 3 | z | 57 | 97 | 6 | - | 6 | 0 | - | 1 | 67 | 53 | 51 | Tr | 0.1 | 0.4 | | | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | 1010.2 | +4 | SW | 4 | c | 59 | 85 | 7 | - | - | 8 | 0 | 7.8 | - | 1 | * | 72 | 57 | 49 | Tr | - | 1.0 | | | | |
| | Felixstowe | 15 | 1009.0 | -2 | WSW | 2 | bc | 60 | 85 | 7 | - | 3 | - | 0 | 4.6 | - | 1008.7 | +2 | WSW | 4 | z | 58 | 92 | 6 | - | 6 | 0 | 7.8 | - | 1 | 70 | 57 | 53 | 0.2 | - | 0.7 | | |
| | Gorleston | 5 | 1008.6 | 0 | SW | 2 | bc | 60 | 85 | 6 | - | 4 | - | 0 | 2.3 | - | 1008.2 | +2 | SW | 4 | bc | 56 | 85 | 7 | - | 7 | 4 | 0 | 4.6 | - | 0 | 2 | * | * | * | * | * | |
| | Mildenhall | 19 | 1008.5 | 0 | SW | 3 | bc | 57 | 92 | 7 | - | 3 | - | 0 | 2.3 | - | 1007.8 | 0 | SW | 2 | bc | 55 | 97 | 7 | - | 7 | 6 | 0 | 4.6 | - | 1 | 72 | 53 | 47 | 2 | Tr | 0.5 | |
| | Cranwell | 240 | 1007.2 | -2 | SSW | 3 | bc | 57 | 85 | 7 | 5 | - | 1 | 1 | 3000 | 1006.6 | 0 | WSW | 3 | bc | 56 | 85 | 7 | 1 | 4 | - | 2.3 | 4.6 | 2500 | 1 | * | 71 | 52 | 51 | 3 | - | 0.8 | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | 1007.6 | +2 | WSW | 3 | bc | 55 | 92 | 7 | 5 | 7 | - | 2.3 | 4.6 | 2500 | 1 | * | 70 | 52 | 48 | 0.3 | 1 | 2.3 | | | | |
| | Upper Heyford | 408 | 1008.3 | -2 | W'S | 3 | bc | 55 | 97 | 7 | - | 4 | 8 | 0 | 2.3 | - | 1008.0 | -2 | WSW | 3 | c/d | 55 | 92 | 8 | 5 | - | 7.8 | 7.8 | 2000 | 1 | * | 68 | 51 | 48 | 0.2 | Tr | 0.1 | |
| | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | * | 1009.0 | +6 | SW'S | 3 | c | 57 | 85 | 8 | 5 | - | - | 2.8 | 7.8 | 2500 | 1 | * | 69 | 55 | 51 | Tr | 0.1 | 2.8 | | | | |
| 5 | Hartland Point | 299 | 1008.4 | -10 | W | 4 | bc | 59 | 97 | 7 | 5 | - | 4.6 | 4.6 | 1500 | 1011.0 | +16 | WNW | 4 | c | 58 | 85 | 8 | 2 | 4 | - | 4.6 | 7.8 | 1800 | 1 | 4 | 60 | 57 | 54 | 0.3 | Tr | 2.0 | |
| | Bristol | 209 | 1010.2 | -4 | SW | 3 | bc | 55 | 92 | 7 | 5 | - | 2.3 | 2.3 | 2500 | 1010.4 | +10 | WSW | 3 | bc | 58 | 85 | 8 | 8 | - | 2.3 | 2.3 | 2800 | 1 | * | 68 | 54 | 53 | Tr | 2 | 3.7 | | |
| | Portland Bill | 32 | 1011.0 | -4 | WSW | 4 | bc | 59 | 92 | 8 | 4 | - | 2.3 | 2.3 | 4000 | 1011.3 | +10 | W | 4 | bc | 59 | 85 | 8 | 2 | - | 4.6 | 4.6 | 4000 | 1 | 5 | 60 | 56 | * | 0.6 | - | * | | |
| | Plymouth | 82 | 1008.4 | -4 | WSW | 3 | bc | 58 | 97 | 7 | 2 | - | 4.6 | 4.6 | 1200 | 1012.2 | +10 | W | 3 | bc | 57 | 92 | 7 | 8 | - | 4.6 | 4.6 | 1800 | 1 | 3 | 66 | 55 | 54 | 0.2 | 0.3 | 3.5 | | |
| | The Lizard | 240 | 1011.6 | -6 | W | 5 | bc | 56 | 97 | 8 | 8 | - | 4.6 | 4.6 | 2000 | 1013.2 | +20 | WNW | 3 | bc | 55 | 97 | 8 | 2 | 6 | - | 2.3 | 4.6 | 2500 | 1 | 3 | 63 | 54 | * | 1 | - | 2.6 | |
| | Scilly (St. Mary's) | 163 | 1011.6 | +2 | W | 4 | bc | 58 | 97 | 7 | 4 | 4 | 3 | 2.3 | 4.6 | 1500 | 1013.7 | +18 | NW | 4 | bc | 55 | 97 | 8 | 8 | 4 | - | 2.3 | 2.3 | 1800 | 1 | 3 | 64 | 55 | * | Tr | 0.2 | 3.2 |
| | Guernsey | 175 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| 6 | Pembroke | 142 | 1008.3 | -2 | W'S | 5 | id. | 58 | 92 | 7 | 4 | - | 2.3 | 4.6 | 2500 | 1011.1 | +20 | WNW | 4 | bc | 57 | 85 | 8 | 2 | 3 | - | 2.3 | 4.6 | 2500 | 1 | 4 | 62 | 55 | * | Tr | Tr | 2.4 | |
| 7 | Holyhead (Valley) | 26 | 1004.7 | -4 | SW | 5 | c | 58 | 97 | 8 | 5 | - | 9 | 9 | 4500 | 1007.3 | +18 | W | 5 | bc | 55 | 85 | 9 | 8 | 3 | 9 | 2.3 | 4.6 | 2500 | 0 | 3 | 64 | 54 | 51 | 1 | - | * | |
| | Chester (Sealand) | 16 | 1005.9 | -6 | SSW | 3 | z | 59 | 85 | 6 | - | 4 | - | 0 | 2.3 | - | 1006.9 | +10 | W | 4 | c | 57 | 75 | 7 | 8 | 3 | - | 4.6 | 7.8 | 2000 | 1 | * | 71 | 56 | 49 | Tr | Tr | 3.4 |
| | Manchester | 70 | 1005.6 | -6 | SW | 3 | z | 59 | 85 | 6 | 5 | - | Tr | Tr | 3000 | 1006.0 | +10 | W'S | 4 | z | 57 | 85 | 6 | 8 | 3 | - | 4.6 | 7.8 | 1400 | 1 | * | 68 | 54 | 49 | Tr | Tr | 1.0 | |
| 10 | Spurn Head | 29 | 1006.1 | 0 | SW | 4 | b | 57 | 92 | 7 | - | - | 0 | 0 | - | 1003.4 | 0 | WN | 4 | bc | 56 | 85 | 7 | 1 | 4 | 1 | 1 | 2.3 | 4.000 | 0 | 3 | 66 | 55 | * | 0.4 | - | 1.0 | |
| | Catterick | 175 | 1004.3 | -4 | S | 1 | z | 57 | 85 | 6 | 5 | - | 2.3 | 2.3 | 2500 | 1003.5 | 0 | WSW | 2 | bc | 58 | 85 | 8 | 5 | 3 | - | 4.6 | 4.6 | 2800 | 0 | * | 64 | 49 | 48 | 2 | 1 | 1.8 | |
| | Tynemouth | 108 | 1003.6 | -6 | NW | 3 | bc | 57 | 85 | 6 | 2 | - | 4.6 | 4.6 | 1500 | 1002.7 | -4 | SW | 3 | bc | 59 | 85 | 6 | 2 | 3 | 1 | 2.3 | 4.6 | 3000 | 1 | 2 | 63 | 55 | 52 | 0.5 | 1 | * | |
| 11 | St. Abbs Head | 280 | 1000.8 | -6 | W | 4 | bc | 55 | 92 | 8 | 4 | 4 | - | 4.6 | 4.6 | 2500 | 1000.2 | 0 | SW | 4 | bc | 53 | 92 | 8 | 4 | 4 | 5 | 2.3 | 4.6 | 2500 | 1 | 2 | 57 | 51 | * | 0.2 | Tr | 0.0 |
| | Leuchars | 36 | 999.9 | -14 | WSW | 2 | z | 53 | 97 | 6 | 5 | - | 1 | 1 | 2500 | 999.1 | -4 | WSW | 1 | z | 53 | 97 | 6 | 5 | 7 | - | 9 | 9 | 2200 | 1 | * | 63 | 51 | 45 | Tr | 3 | 0.0 | |
| | Renfrew (Abbots L.) | 19 | 1001.7 | -4 | SW | 1 | PR | 54 | 97 | 5 | 9 | - | 10 | 10 | 700 | 1000.5 | +2 | W'S | 1 | z | 56 | 97 | 7 | 5 | - | 9 | 9 | 1000 | 1 | * | 59 | 51 | 46 | 3 | 3 | 0.3 | | |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1000.8 | -2 | SW | 3 | id | 53 | 92 | 6 | 6 | - | 9 | 9 | 450 | 1 | * | 58 | 51 | 50 | 3 | 10 | 0.0 | | |
| | Point of Ayr | 30 | 1002.8 | -2 | W'S | 4 | bc | 57 | 92 | 8 | 4 | - | 2.3 | 2.3 | 3000 | 1003.8 | +12 | WN | 5 | c | 56 | 85 | 9 | 5 | - | 9 | 9 | 3500 | 1 | 4 | 69 | 55 | * | 0.2 | - | 3.5 | | |
| 13A | Tiree | 22 | 1000.2 | -2 | S | 1 | bc | 55 | 92 | 7 | 5 | - | 2.3 | 2.3 | 2500 | 1000.1 | 0 | WNW | 3 | c | 56 | 92 | 8 | 5 | - | 7.8 | 7.8 | 2100 | 0 | 3 | 57 | 50 | * | 4 | - | 0.3 | | |
| 13B | Stornoway | 80 | 999.3 | -10 | 0 | 0 | pr | 55 | 97 | 7 | 5 | 7 | - | 7.8 | 10 | 2000 | 998.0 | -4 | WSW | 3 | RR | 55 | 92 | 7 | 8 | 7 | - | 7.8 | 10 | 1500 | 1 | 2 | 62 | 53 | * | 4 | - | 5.3 |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | 999.8 | -4 | SSW | 2 | id. | 51 | 97 | 6 | 5 | 1 | - | 7.8 | 10 | 800 | 1 | * | 56 | 49 | 42 | 3 | 5 | 0.8 | |
| | Aberdeen | 79 | * | * | * | * | * | * | * | * | * | * | * | * | * | 998.3 | 0 | bc | 51 | 92 | 7 | 5 | - | - | 4.6 | 4.6 | 4500 | 1 | * | 59 | 47 | 38 | 5 | 1 | 0.2 | | | |
| | Wick | 119 | 999.3 | -26 | E | 4 | dd | 53 | 97 | 4 | 2 | - | 10 | 10 | 220 | 996.2 | -10 | W'S | 3 | cjf | 54 | 97 | 8 | 5 | 7 | - | 4.6 | 9 | 900 | 1 | * | 59 | 52 | * | * | * | * | |
| | Sumburgh | 30 | 1003.8 | -22 | SE | 4 | c | 51 | 92 | 8 | 5 | - | 10 | 10 | 1000 | 999.0 | -26 | E | | | | | | | | | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Wednesday 27th August 1941.
No. 29133

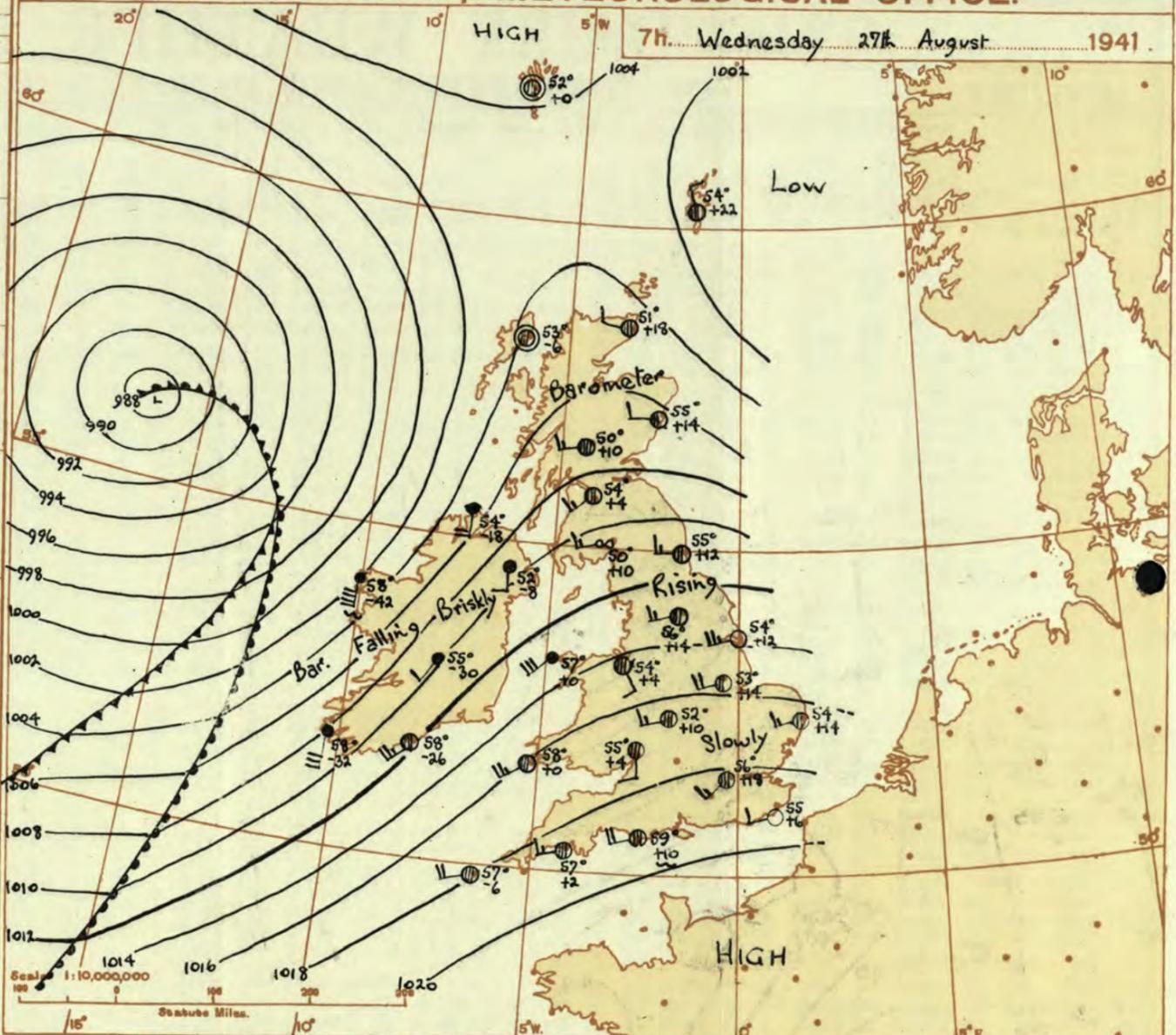
| OBSERVATIONS at 13h. G.M.T. 26th August | | | | | | | | | | | | | | OBSERVATIONS at 18h. G.M.T. 26th August | | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | | |
|---|--------------------------------------|--------------------------------------|------------------------------|--------|-----------------------|----------|---------------------|--------------------|---------------------------|--------|-------------------------|---|--------|---|---------------------------------------|-------------------------------|--------|-------------------------|----------|----------------------|---------------------|----------------------------|---|-----------------------------|------------------------------|-------------------------------|----------------------------|---------------------|----------|------|-------|------|-------|-------|-------|-------|
| 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. | | | | | | | |
| | | | | Dirac. | Force.
0-12
(4) | | | | | Form. | Amount.
0-10
(12) | Height
of
Base.
(feet)
(14) | Dirac. | Force.
0-12
(18) | | | Form. | Amount.
0-10
(25) | | | | | Height
of
Base.
(feet)
(28) | 7h.-18h.
...26th
(37) | 13h.-18h.
...26th
(38) | 18h.-24h.
1h.-27th
(39) | 1h.-7h.
...27th
(40) | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High. | Low. | Med. | High. | Low. | Med. |
| 1 | London (Kew)... | 1011.4 | +4 | W | 3 | c | 65 | 55 | 8 | - | - | 7-8 | 7-8 | 2500 | 1013.7 | +4 | W'S | 3 | bc | 63 | 55 | 8 | 2 | - | 2-3 | 2-3 | 2500 | 1 | * | bcc | bey | cbcb | bybw | bbeaw | | |
| | Croydon ... | 1011.0 | +6 | W | 3 | bc | 67 | 55 | 8 | 2 | - | 4-6 | 4-6 | 3000 | 1013.5 | +4 | W | 3 | b | 62 | 55 | 8 | 2 | - | 1 | 1 | 3000 | 1 | * | bcc | cbcb | bybw | bbeaw | | | |
| | S. Farnborough | 1011.3 | +6 | W | 4 | c | 65 | 55 | 9 | 8 | 3 | - | 7-8 | 7-8 | 4000 | 1014.1 | +8 | W | 4 | b | 64 | 55 | 8 | 1 | 4 | - | 1 | 1 | 4000 | 1 | * | cy | cyby | bybw | bwc | |
| | Boscombe Down | 1012.8 | +0 | WNW | 4 | c | 64 | 55 | 8 | 7 | - | - | 7-8 | 7-8 | 2500 | 1014.8 | +2 | WN | 5 | bc | 61 | 65 | 8 | 2 | - | 2-3 | 2-3 | 3000 | 0 | * | c | cbcb | beb | bbe | | |
| | Thorney Island | 1012.7 | +4 | WNW | 4 | c | 67 | 55 | 9 | 7 | - | - | 4-6 | 5 | 1500 | 1014.7 | +2 | WS | 3 | bc | 62 | 75 | 9 | 1 | 6 | - | 2-3 | 4-6 | 2500 | 0 | * | bcpr | cybc | beb | bbeaw | |
| | Lympne ... | 1012.1 | +6 | WSW | 3 | c | 67 | 65 | 8 | 2 | 6 | 8 | - | 4-6 | 4-6 | 2500 | 1014.3 | +6 | WN | 3 | b | 63 | 55 | 8 | 4 | - | 1 | 1 | 7000 | 1 | * | cp | cbcb | bccy | bbeaw | |
| | Manston ... | 1010.7 | +0 | N'S | 4 | bc | 68 | 65 | 8 | 8 | - | 1 | 4-6 | 4-6 | 2200 | 1013.2 | +4 | WN | 3 | bc | 63 | 65 | 8 | 8 | 6 | - | 1 | 2-3 | 3000 | 1 | * | cm | cbcb | beb | bbeaw | |
| 2 | Shoeburyness ... | 1010.4 | +8 | SWW | 4 | c | 66 | 65 | 7 | 8 | - | - | 7-8 | 7-8 | 4000 | 1013.2 | +4 | WN | 3 | c | 63 | 55 | 8 | 8 | 4 | - | 4-6 | 7-8 | 4000 | 1 | * | bc | cbcb | beybw | bwc | |
| | Felixstowe ... | 1009.2 | +6 | WN | 4 | c | 66 | 65 | 8 | 2 | - | - | 7-8 | 7-8 | 1500 | 1011.7 | +8 | WN | 4 | bc | 65 | 55 | 8 | 1 | 4 | - | Tr | 2-3 | 5500 | 1 | 3 | c | cybc | beb | bbeaw | |
| | Gorleston ... | 1009.0 | +8 | WSW | 3 | c | 63 | 75 | 7 | 2 | - | - | 7-8 | 7-8 | 3000 | 1011.7 | +0 | WSW | 2 | c | 63 | 55 | 7 | 8 | 3 | - | 7-8 | 7-8 | 2500 | 0 | 2 | bc | pr | cbcb | beb | bbeaw |
| | Mildenhall ... | 1009.3 | +0 | W'S | 5 | c | 67 | 75 | 8 | 8 | 6 | - | 4-6 | 7-8 | 3000 | 1011.4 | +8 | WSW | 4 | bc | 63 | 65 | 8 | 8 | 4 | - | 1 | 2-3 | 4000 | 0 | * | bc | c | b | bbeaw | |
| | Cranwell ... | 1008.8 | +4 | W | 4 | c | 63 | 55 | 8 | 7 | - | - | 7-8 | 7-8 | 2500 | 1010.4 | +2 | W | 4 | bc | 60 | 65 | 8 | 4 | 4 | - | 4-6 | 4-6 | 4000 | 1 | * | bc | cbcb | beypr | beypr | |
| 3 | Birmingham | 1010.5 | +4 | WNW | 3 | c | 61 | 55 | 8 | 8 | 7 | - | 4-6 | 7-8 | 2500 | 1011.6 | +6 | W | 4 | bc | 63 | 45 | 8 | 7 | 7 | - | 2-3 | 4-6 | 2500 | 1 | * | bc | bc | beb | bbeaw | |
| | Upper Heyford | 1010.4 | +4 | WNW | 4 | c | 62 | 65 | 8 | 6 | 6 | - | 4-6 | 7-8 | 2200 | 1012.3 | +4 | WSW | 4 | bc | 61 | 65 | 8 | 8 | 6 | - | 2-3 | 2-3 | 2200 | 1 | * | cb | cbcb | beb | bbeaw | |
| 4 | Ross-on-Wye ... | 1011.6 | +0 | W | 3 | c | 61 | 55 | 8 | 7 | - | - | 7-8 | 7-8 | 4000 | 1013.3 | +2 | W'S | 5 | bc | 61 | 65 | 8 | 4 | - | - | 4-6 | 4-6 | 4000 | 1 | * | c | cybc | beb | bbeaw | |
| 5 | Hartland Point | 1013.7 | +8 | W | 4 | bc | 61 | 75 | 8 | 2 | 4 | - | 2-3 | 2-3 | 2000 | 1015.2 | +6 | W | 4 | bc | 59 | 75 | 8 | 2 | - | - | 4-6 | 4-6 | 1600 | 1 | 4 | cb | bcpr | beb | bbeaw | |
| | Bristol ... | 1013.0 | +0 | WNW | 4 | c | 63 | 65 | 8 | 6 | 6 | - | 4-6 | 7-8 | 2600 | 1015.2 | +6 | W | 4 | pr | 59 | 75 | 8 | 2 | - | - | 4-6 | 4-6 | 3000 | 1 | 5 | bcc | bc | beb | bbeaw | |
| | Portland Bill ... | 1013.5 | +2 | W | 4 | c | 61 | 85 | 8 | 2 | 4 | - | 4-6 | 7-8 | 2500 | 1015.7 | +4 | W | 4 | bc | 61 | 75 | 8 | 1 | - | - | 4-6 | 4-6 | 4000 | 1 | 5 | c | bc | beb | bbeaw | |
| | Plymouth ... | 1015.6 | +0 | WNW | 4 | c | 63 | 55 | 8 | 8 | 8 | - | 7-8 | 7-8 | 2500 | 1017.4 | +0 | W | 5 | bc | 61 | 75 | 8 | 1 | 4 | 1 | 2-3 | 2-3 | 2800 | 0 | 4 | bc | pr | bc | bbeaw | |
| | The Lizard ... | 1016.0 | +4 | W | 4 | bc | 62 | 92 | 8 | 2 | - | - | 2-3 | 2-3 | 3500 | 1017.9 | +0 | WN | 4 | bc | 59 | 85 | 8 | 2 | - | - | 2-3 | 2-3 | 3500 | 1 | 3 | bc | bc | beb | bbeaw | |
| | Scilly (St. Mary's) | 1016.9 | +8 | WN | 3 | bcjp | 62 | 75 | 8 | 4 | 4 | - | 2-3 | 2-3 | 1800 | 1018.2 | +8 | W | 3 | bc | 59 | 85 | 8 | 8 | - | 5 | 2-3 | 2-3 | 1800 | 1 | 3 | bc | cbcb | beb | bbeaw | |
| | Guernsey ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Pembroke ... | 1013.4 | 0 | W | 6 | bcq | 59 | 75 | 8 | 2 | 4 | - | 2-3 | 4-6 | 2500 | 1014.1 | +0 | W'S | 5 | bcq | 59 | 85 | 8 | 7 | 6 | - | 2-3 | 4-6 | 3000 | 1 | 4 | bcq | bc | beb | bbeaw | |
| 7 | Holyhead (Valley) | 1009.3 | +0 | WSW | 5 | c | 62 | 75 | 8 | 8 | 8 | - | 7-8 | 7-8 | 2500 | 1010.5 | +0 | SW | 6 | pr | 59 | 75 | 8 | 8 | 3 | - | 7-8 | 7-8 | 2000 | 1 | 3 | bc | pr | beb | bbeaw | |
| | Chester (Sealand) | 1009.1 | +0 | WSW | 4 | c | 63 | 55 | 9 | 2 | 6 | 5 | - | 4-6 | 7-8 | 2000 | 1010.2 | +2 | SW | 4 | pr | 60 | 75 | 8 | 9 | 6 | - | 7-8 | 9 | 1800 | 0 | * | cbcb | cypr | beb | bbeaw |
| 8 | Manchester ... | 1008.8 | +0 | W'S | 6 | c | 61 | 55 | 8 | 8 | 6 | - | 7-8 | 9 | 2000 | 1010.1 | +0 | SW | 4 | TLRS | 59 | 75 | 7 | 9 | 7 | - | 7-8 | 9 | 1800 | 1 | * | c | cbcb | beb | bbeaw | |
| 10 | Spurn Head ... | 1006.9 | +2 | W | 6 | cq | 62 | 65 | 8 | 5 | - | - | 9+ | 9+ | 4000 | 1008.8 | +8 | W | 6 | bcq | 62 | 55 | 7 | 1 | 4 | 8 | 2-3 | 2-3 | 4000 | 0 | 4 | bc | bc | beb | bbeaw | |
| | Catterick ... | 1006.0 | +4 | W'S | 4 | c | 62 | 65 | 8 | 8 | 6 | 2 | 7-8 | 9 | 2500 | 1007.8 | +0 | W | 5 | bc | 60 | 65 | 8 | 8 | 6 | - | 2-3 | 2-3 | 2500 | 0 | 2 | bc | pr | beb | bbeaw | |
| | Tynemouth ... | 1003.8 | +2 | W | 6 | bcq | 62 | 65 | 7 | 2 | - | - | 4-6 | 4-6 | 3000 | 1005.9 | +6 | W | 6 | bc | 60 | 85 | 8 | 2 | - | - | 4-6 | 4-6 | 3000 | 0 | 2 | bcq | bcq | beb | bbeaw | |
| 11 | St. Abbs Head | 1000.3 | +6 | W | 4 | c | 62 | 65 | 9 | 5 | 7 | 2 | 4-6 | 9 | 3400 | 1002.7 | +2 | W | 5 | bc | 59 | 65 | 9 | 4 | 4 | - | 2-3 | 4-6 | 3000 | 0 | 3 | c | bc | beb | bbeaw | |
| | Leuchars ... | 999.0 | +2 | W | 4 | c | 60 | 85 | 9 | 8 | - | - | 7-8 | 7-8 | 3200 | 1001.3 | +4 | W | 5 | bc | 61 | 65 | 9 | 8 | - | 1 | 2-3 | 4-6 | 2800 | 1 | * | c | bc | beb | bbeaw | |
| 12 | Renfrew (Abbots L.) | 1003.0 | +0 | WSW | 5 | c | 59 | 75 | 7 | 8 | 3 | 1 | 7-8 | 9+ | 1400 | 1004.4 | +6 | WSW | 4 | pr | 56 | 85 | 7 | 8 | 4 | - | 4-6 | 9 | 700 | 1 | * | cp | pr | beb | bbeaw | |
| | Eakdalemuir ... | 1003.4 | +4 | WSW | 5 | c | 59 | 65 | 8 | 5 | - | - | 7-8 | 7-8 | 1500 | 1003.3 | +6 | WSW | 3 | bc | 56 | 65 | 8 | 8 | 4 | - | 4-6 | 4-6 | 2500 | 1 | * | cp | pr | beb | bbeaw | |
| | Point of Ayre ... | 1006.6 | +8 | WN | 6 | bc | 65 | 55 | 8 | 4 | - | - | 2-3 | 2-3 | 4000 | 1007.8 | +6 | W'S | 3 | c | 59 | 75 | 8 | 8 | - | - | 7-8 | 7-8 | 2500 | 0 | 3 | bc | bc | beb | bbeaw | |
| 13A | Tirre ... | 1000.2 | +6 | WN | 5 | bc | 60 | 85 | 8 | 8 | - | - | 4-6 | 4-6 | 2500 | 1003.8 | +6 | WNW | 4 | bc | 58 | 85 | 8 | 8 | 3 | - | 4-6 | 4-6 | 2100 | 0 | | bc | pr | beb | bbeaw | |
| 13B | Stornoway ... | 998.4 | +2 | NNE | 4 | pr | 55 | 92 | 8 | 5 | 7 | - | 9 | 10 | 1500 | 1001.1 | +0 | WNW | 3 | c | 54 | 92 | 8 | 5 | 7 | - | 7-8 | 10 | 1800 | 1 | 2 | crr | pr | beb | bbeaw | |
| 15 | Dalwhinnie ... | 999.6 | +8 | WSW | 3 | ir | 54 | 85 | 6 | 5 | 1 | - | 7-8 | 10 | 1500 | 1002.5 | +2 | W | 3 | c | 53 | 85 | 7 | 5 | 3 | - | 7-8 | 9 | 1500 | 1 | 2 | oir | oir | beb | bbeaw | |
| | Aberdeen ... | 997.9 | +4 | WSW | 2 | pr | 64 | 65 | 6 | 9 | 3 | - | 9+ | 9+ | 3000 | 999.3 | +2 | SWN | 2 | c | 58 | 85 | 7 | 8 | - | - | 9+ | 9+ | 2500 | 1 | 2 | b | cbcb | beb | bbeaw | |
| | Wick ... | 995.8 | +2 | W'S | 3 | pr | 58 | 85 | 9 | 2 | 7 | - | 4-6 | 9+ | 3000 | 996.4 | +6 | W | 4 | ir | 56 | 92 | 7 | 5 | - | - | 7-8 | 7-8 | 500 | 1 | * | ir | pr | beb | bbeaw | |
| 16 | Sumburgh ... | 997.6 | -2 | E | 3 | pr | 55 | 92 | 8 | 6 | 2 | - | 7-8 | 10 | 1200 | 997.2 | -2 | NNE | 4 | ir | 54 | 97 | 8 | 5 | - | - | 10 | 10 | 300 | * | * | cm | pr | beb | bbeaw | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 18h. G.M.T. 18th August.....18h. G.M.T. | | | | 01h. G.M.T. 17th August.....07h. G.M.T. | | | | | | | | |
|---|----------------|--------------------|-------|---|--------------------|-------|----------------|--------------------|-------|----|-------|--------|
| III | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | | | |
| 100 | 53 | 02735 | 24326 | 5- | 02746 | 03226 | 57 | 02756 | 59427 | 5- | 02766 | 25326 |
| 115 | 52 | 09784 | 32267 | 52 | 62738 | 28368 | 52 | 02834 | 28667 | 57 | 02844 | 24327 |
| 203 | | | | 6- | 63838 | 28488 | 5- | 02846 | 24286 | | | |
| 206 | 8- | 02858 | 22528 | 87 | 02865 | 24387 | 5- | 02858 | 24328 | 57 | 02864 | 26165 |
| 210 | 86 | 25966 | 23487 | 87 | 81855 | 21587 | 5- | 02866 | 25468 | 37 | 02864 | 22227 |
| 220 | | | | 53 | 01944 | 24415 | | | | 51 | 25843 | 19288 |
| 230 | 8- | 25747 | 58587 | 8- | 02247 | 22427 | 8- | 02747 | 55227 | 8- | 02744 | 26328 |
| 245 | 36 | 08644 | 22485 | 57 | 02973 | 22386 | 54 | 00861 | 22412 | 84 | 02841 | 22415 |
| 260 | 83 | 01854 | 22415 | 87 | 02755 | 55515 | 50 | 01853 | 55414 | 54 | 02842 | 220417 |
| 278 | 33 | 01863 | 25414 | 8- | 02856 | 23386 | 5- | 01864 | 24414 | 57 | 02865 | 19318 |
| 279 | 80 | 02845 | 55523 | 83 | 02854 | 22585 | 50 | 01864 | 55414 | 87 | 02756 | 20427 |
| 285 | 26 | 25745 | 24666 | 26 | 81746 | 24687 | | | | 23 | 01743 | 26415 |
| 288 | 26 | 02855 | 23486 | 86 | 25854 | 55424 | 50 | 00761 | 20301 | 50 | 02862 | 21315 |
| 575 | 8- | 0854 | 57584 | 86 | 0853 | 24514 | 40 | 00751 | 24481 | 67 | 22841 | 2268 |
| 801 | 2- | 01853 | 57514 | 35 | 25854 | 56584 | 40 | 00851 | 57581 | 27 | 02853 | 57516 |
| 321 | 86 | 05754 | 56485 | 84 | 10745 | 18315 | 50 | 05663 | 18303 | 53 | 05663 | 21314 |
| 299 | | | | 17 | 00753 | 24503 | 50 | 05652 | 24202 | 57 | 05653 | 23314 |
| 292 | 23 | 02954 | 58585 | 40 | 01953 | 26413 | 50 | 00763 | 24103 | 87 | 02843 | 24315 |
| 310 | -- | 02636 | 24516 | -- | 01645 | 24415 | | | | -- | 01655 | 24415 |
| 614 | 26 | 02754 | 24426 | 74 | 01864 | 55424 | 50 | 05555 | 20315 | 57 | 05631 | 22317 |
| 333 | 8- | 02966 | 22416 | 26 | 01853 | 20514 | 04 | 01850 | 20411 | 57 | 02844 | 18318 |
| 334 | -- | 02854 | 22436 | | | | | | | | | |
| 340 | 26 | 01953 | 55416 | 86 | 01863 | 22413 | 40 | 01864 | 26284 | 57 | 02961 | 18216 |
| 136 | 86 | 01754 | 24415 | 26 | 01862 | 24414 | 04 | 00750 | 20212 | 54 | 05631 | 19313 |
| 336 | 52 | 22862 | 28366 | 24 | 02763 | 28316 | | | | 5- | 01752 | 16315 |
| 350 | 84 | 02865 | 24585 | 87 | 01854 | 20414 | | | | 53 | 02731 | 18316 |
| 368 | 26 | 01853 | 55524 | 23 | 02856 | 23586 | | | | | | |
| 379 | 8- | 02767 | 24327 | 20 | 00853 | 20483 | 50 | 01761 | 20311 | 53 | 41405 | 20347 |
| 390 | 26 | 02864 | 24425 | 26 | 01864 | 24414 | 00 | 00750 | 22400 | 55 | 01732 | 22314 |
| 382 | 86 | 02854 | 22425 | 24 | 00852 | 22502 | 00 | 00750 | 19200 | 07 | 02850 | 20327 |
| 438 | 50 | 01753 | 24513 | | | | | | | 53 | 02731 | 18316 |
| 430 | | | | 80 | 01953 | 22313 | 00 | 00850 | 24201 | 23 | 02852 | 22216 |
| 409 | 23 | 01953 | 22515 | 24 | 01854 | 23315 | 50 | 00751 | 23301 | 57 | 02841 | 19317 |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C, C_M - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 27th August. |
|---------------------------------|---|
| 1 S.E. England | Moderate W. wind backing S.W. and freshening. Fair at first, but rain soon |
| 2 E. England ... | spreading eastwards across the whole area, followed later by bright intervals and |
| 3 E. Midlands ... | showers. Rather cool. |
| 4 W. Midlands ... | Fresh to strong S.W. or S winds, gale locally on coasts, veering and |
| 5 S.W. England | moderating later. Rain at first, showers and bright intervals later. Rather cool. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | As 1-3. |
| 11 S.E. Scotland | |
| 12 S.W. Scotland & Isle of Man. | Fresh to strong S. winds, veering and moderating later. Rain at first, showers |
| 13A. W. Scotland | and bright intervals later. Rather cool. |
| 13B. N.W. Scotland | |
| 14 Mid Scotland | Winds variable becoming S.E. or S. and freshening. Fair at first, rain later. |
| 15 N. E. Scotland | Rather cool |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | Strong Southerly wind, gale locally, veering and moderating later. Rain at first, |
| 19 S. E. Ireland | bright intervals and showers later. Rather cool. |
| 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.

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

- Warm Front on the Surface
- Warm Front above the ground
- Cold Front on the surface
- Cold Front above the ground

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

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

GENERAL INFERENCE.

A deepening depression off N.W. Ireland is moving E.N.E. Rain and strong Southerly winds with gales in places will spread eastwards across the country and will be followed later by bright intervals and showers with veering winds.

FURTHER OUTLOOK.
Continuing Unsettled.

† Gale warning in operation in districts 6, 7, 8, 12, 13, 17, 18, 19, 20, and part of district 5. Times of issue 0750 and 0915 27:3:41.

Forecasts issued at 1030 G.M.T.

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

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

6.269/4120. H. 8176. D. 6034. 6p. 948 3309 9/41

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

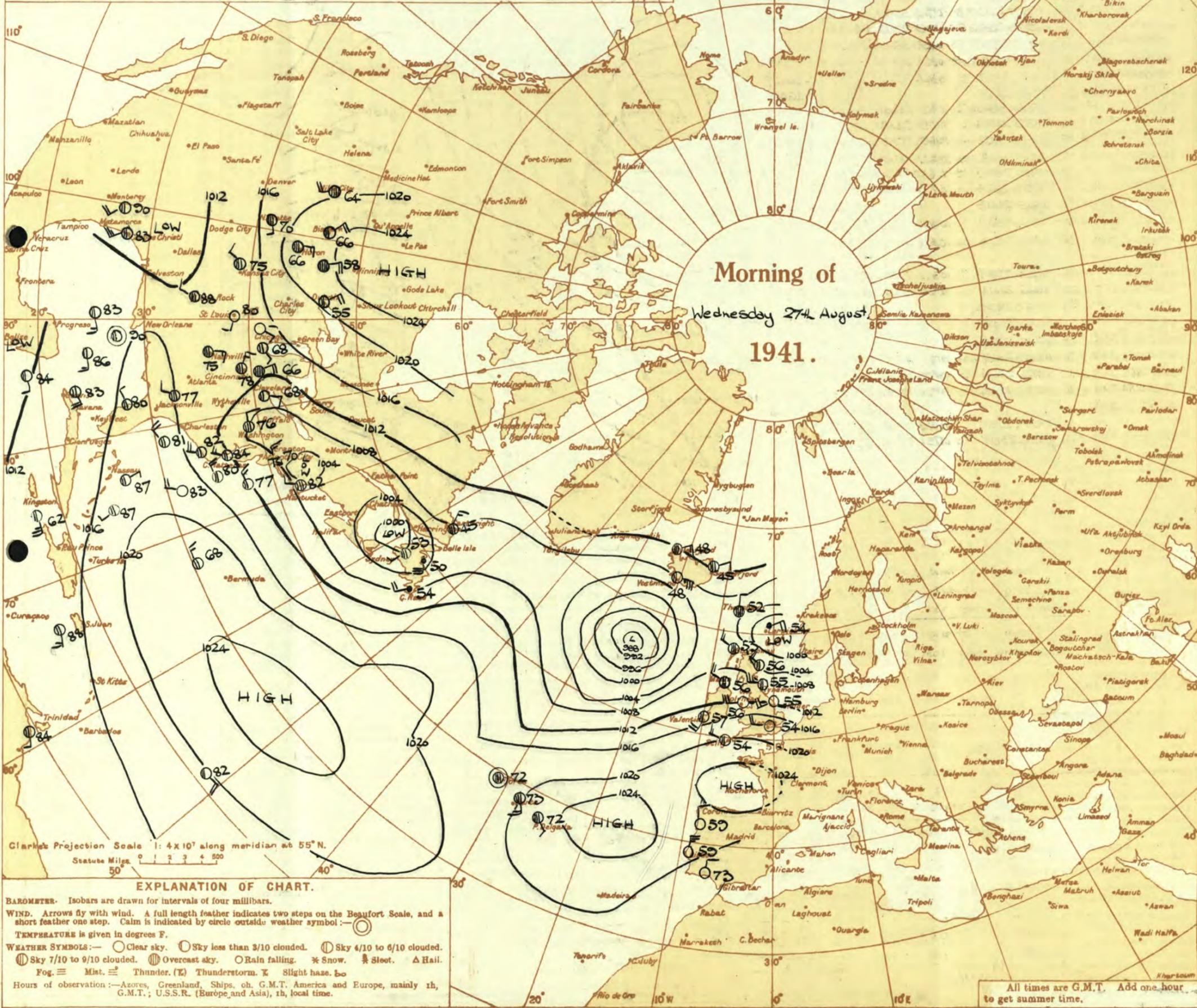
Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.

Morning of

Wednesday 27th August

1941.



Clarke's Projection Scale 1: 4 x 10⁷ 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. Δ Hail.
 Fog ≡ Mist ≡ Thunder. (T) Thunderstorm. K Slight haze. ∞
 Hours of observation: - Azores, Greenland, Ships, etc. G.M.T. America and Europe, mainly 1h, G.M.T.; U.S.S.R. (Europe and Asia), 1h, local time.

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

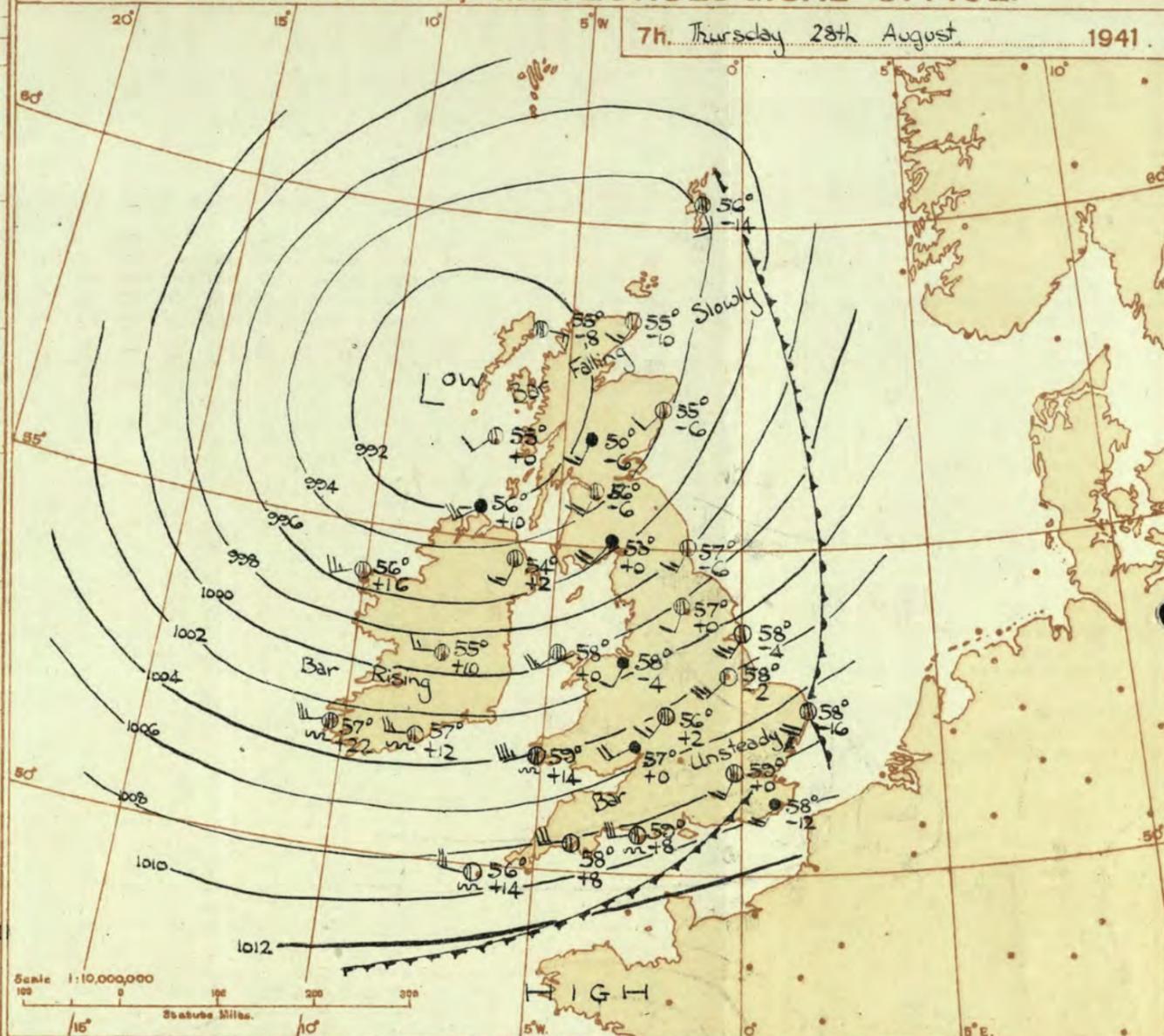
Abridged observations of additional stations in the

AVIATION WEATHER CODE

| 13h. G.M.T. 27th August 18h. G.M.T. | | | | 01h. G.M.T. 28th August 07h. G.M.T. | | | | | | | | |
|-------------------------------------|----------------|--------------------|-------|-------------------------------------|--------------------|-------|----------------|--------------------|-------|----------------|--------------------|-------|
| III | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN | C _M | wwVhN _h | DDFWN |
| 109 | 87 | 02877 | 22227 | 5- | 63738 | 142.8 | 5- | 03638 | 13168 | 83 | 01773 | 16224 |
| 115 | 52 | 02834 | 20327 | 52 | 64734 | 10367 | 54 | 01844 | 12365 | 52 | 81944 | 12187 |
| 203 | | | | 8- | 81847 | 16467 | 8- | 81945 | 10425 | 5- | 81938 | 12428 |
| 206 | 87 | 02864 | 22427 | 52 | 22855 | 09367 | 5- | 01854 | 24124 | 8- | 02855 | 08185 |
| 210 | 27 | 02864 | 24327 | 57 | 22865 | 09267 | 50 | 01864 | 00014 | 5- | 02865 | 16225 |
| 220 | | | | | | | | | | 8- | 81836 | 21366 |
| 230 | 52 | 64744 | 16368 | 8- | 81647 | 18287 | 80 | 25846 | 19286 | 62 | 62637 | 18388 |
| 245 | 27 | 61744 | 20527 | 52 | 51745 | 16468 | 5- | 22755 | 15365 | 84 | 01753 | 18384 |
| 260 | 52 | 61855 | 18468 | 52 | 62756 | 17468 | 50 | 01764 | 16114 | 8- | 10755 | 20315 |
| 278 | 62 | 61626 | 43469 | | | | 50 | 35873 | 51483 | 57 | 02843 | 51426 |
| 279 | 62 | 62734 | 52668 | 62 | 63625 | 51668 | 5- | 02747 | 53667 | 83 | 02747 | 52627 |
| 285 | 27 | 25745 | 24587 | 6- | 64638 | 18568 | | | | | | |
| 288 | 57 | 02754 | 53487 | 52 | 22745 | 50428 | 5- | 63646 | 49666 | 80 | 01754 | 18284 |
| 575 | 62 | 63636 | 14468 | 63 | 81845 | 20366 | 67 | 01744 | 20484 | 87 | 81746 | 24487 |
| 801 | 57 | 22853 | 52667 | 52 | 02746 | 53768 | 2- | 05646 | 51566 | 23 | 05644 | 53684 |
| 321 | 57 | 02753 | 18467 | 51 | 02754 | 16527 | 52 | 62644 | 19566 | 84 | 05653 | 52414 |
| 299 | 5- | 05657 | 22427 | 57 | 05654 | 22415 | 5- | 62648 | 54668 | | | |
| 292 | 57 | 61644 | 16328 | 52 | 05654 | 13428 | 5- | 22644 | 13464 | 86 | 26655 | 49285 |
| 310 | -- | 02648 | 24428 | -- | 02646 | 24626 | | | | -- | 03628 | 25628 |
| 614 | 51 | 22654 | 53468 | 57 | 02745 | 53527 | 62 | 64525 | 53568 | 53 | 05655 | 20465 |
| 333 | 83 | 02841 | 17726 | 62 | 64636 | 18768 | 5- | 81648 | 18668 | 14 | 01744 | 20584 |
| 334 | -- | 02854 | 20316 | -- | 63648 | 20668 | | | | -- | 03745 | 24416 |
| 340 | 57 | 25865 | 20486 | | | | 50 | 22744 | 51464 | 26 | 02845 | 18386 |
| 136 | 87 | 02855 | 20516 | 19 | 02853 | 18567 | 02 | 63790 | 18768 | 53 | 02925 | 18666 |
| 336 | 52 | 61652 | 12567 | 52 | 02753 | 16528 | | | | 24 | 01862 | 24513 |
| 350 | 72 | 61853 | 20467 | 77 | 02754 | 16526 | | | | 5- | 02747 | 18467 |
| 368 | 87 | 02965 | 19528 | 87 | 02856 | 53627 | | | | | | |
| 379 | 27 | 02744 | 18468 | 53 | 01854 | 51615 | 6- | 64648 | 18768 | 37 | 81856 | 16786 |
| 390 | 13 | 02764 | 20427 | 77 | 02754 | 53427 | 52 | 05654 | 51528 | 53 | 21733 | 52565 |
| 382 | 17 | 02855 | 20427 | 73 | 01954 | 50514 | 62 | 63647 | 50668 | 54 | 01834 | 19584 |
| 438 | 8- | 02745 | 24515 | | | | | | | | | |
| 430 | | | | 58 | 02841 | 20425 | 57 | 02864 | 89616 | | | |
| 409 | 57 | 02845 | 51627 | 57 | 02845 | 17727 | | | | 50 | 25743 | 22485 |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
 ww, W - Present and past weather—See M.O. 252.
 h, N_h - Height and amount of low cloud—See M.O. 252.
 N - Total amount of cloud—See M.O. 252.
 C_M - Form of low and medium cloud—See page 1.
 V - Visibility. F = Force of wind—See page 4.
 DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 28th August, 1941. |
|---------------------------------|--|
| 1 S.E. England | Moderate to fresh westerly winds; considerable bright periods; chance of a few local showers; rather cool. |
| 2 E. England ... | Fresh southwesterly winds, veering west, moderating slowly; bright periods; |
| 3 E. Midlands ... | Some showers with possible local thunder; cool. |
| 4 W. Midlands ... | |
| 5 S.W. England | Fresh W. to N.W. winds, moderating; considerable fine periods; a few local showers; rather cool. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | Fresh rather squally S.W. to W. winds; showery; some local thunder; brighter periods; cool. |
| 12 S.W. Scotland & Isle of Man. | |
| 13 A. W. Scotland | |
| 13 B. N.W. Scotland | |
| 14 Mid Scotland | |
| 15 N. E. Scotland | Winds S. to S.W. light, freshening; occasional rain or showers; some brighter intervals; cool. |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | As G-14. |
| 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.
 FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 = Warm Front on the surface
 = Warm Front above the ground
 = Cold Front on the surface
 = Cold Front above the ground
 = Occluded Front (or Occlusion)
 = Warm Occlusion
 = Cold Occlusion
 = Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

Pressure is high to south and southeast of the British Isles. A deep depression centred over the Hebrides will move slowly northeast and become less deep. Cool, showery weather with a little local thunder will prevail in most areas.

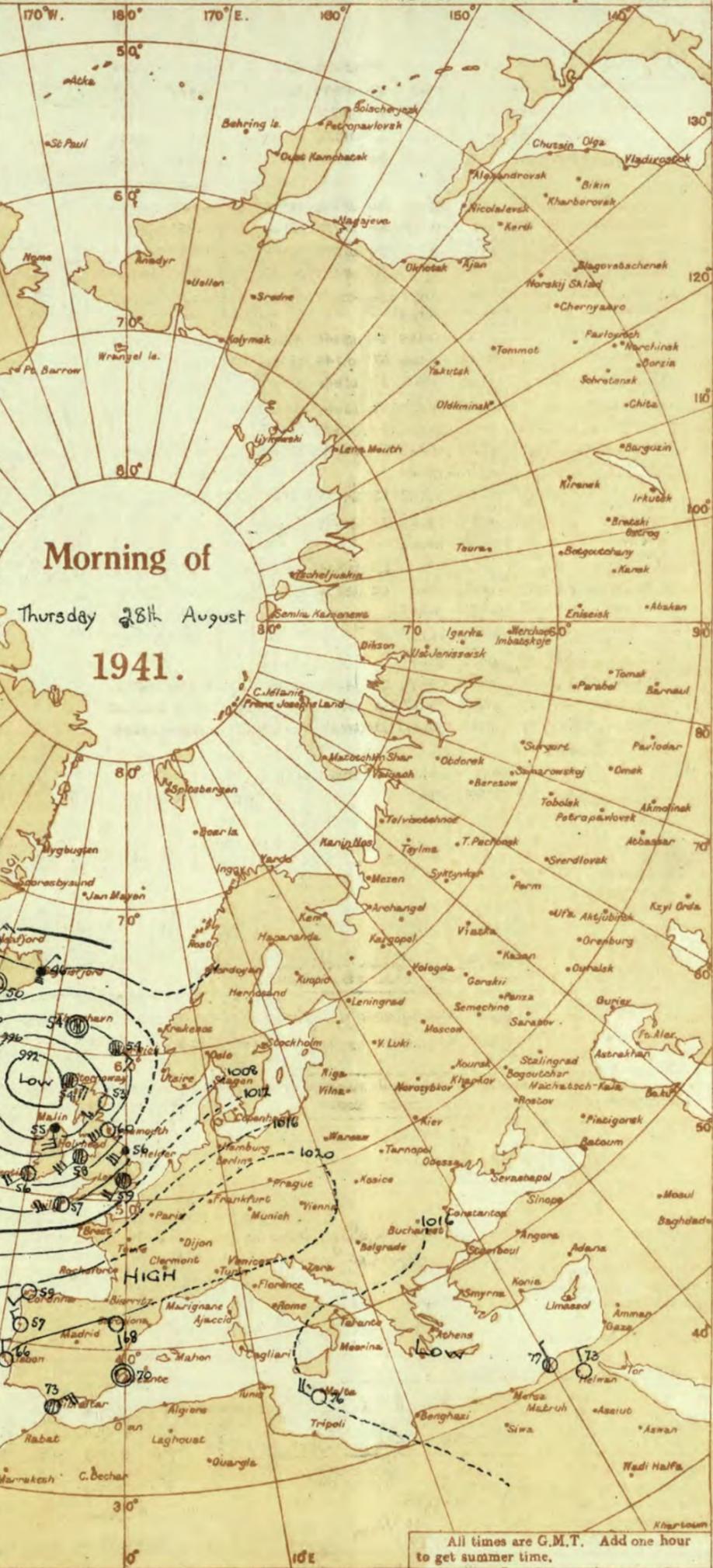
FURTHER OUTLOOK.
 Mainly fair in the south; cool and showery elsewhere.

Forecasts issued at 10.30l. G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S., Director.
 H.M.S.O. Press, Meteorological Office, Dunstable. 6-269/4120. No. 8176. D. 6034. Sp. 548. 3300. 8/41.

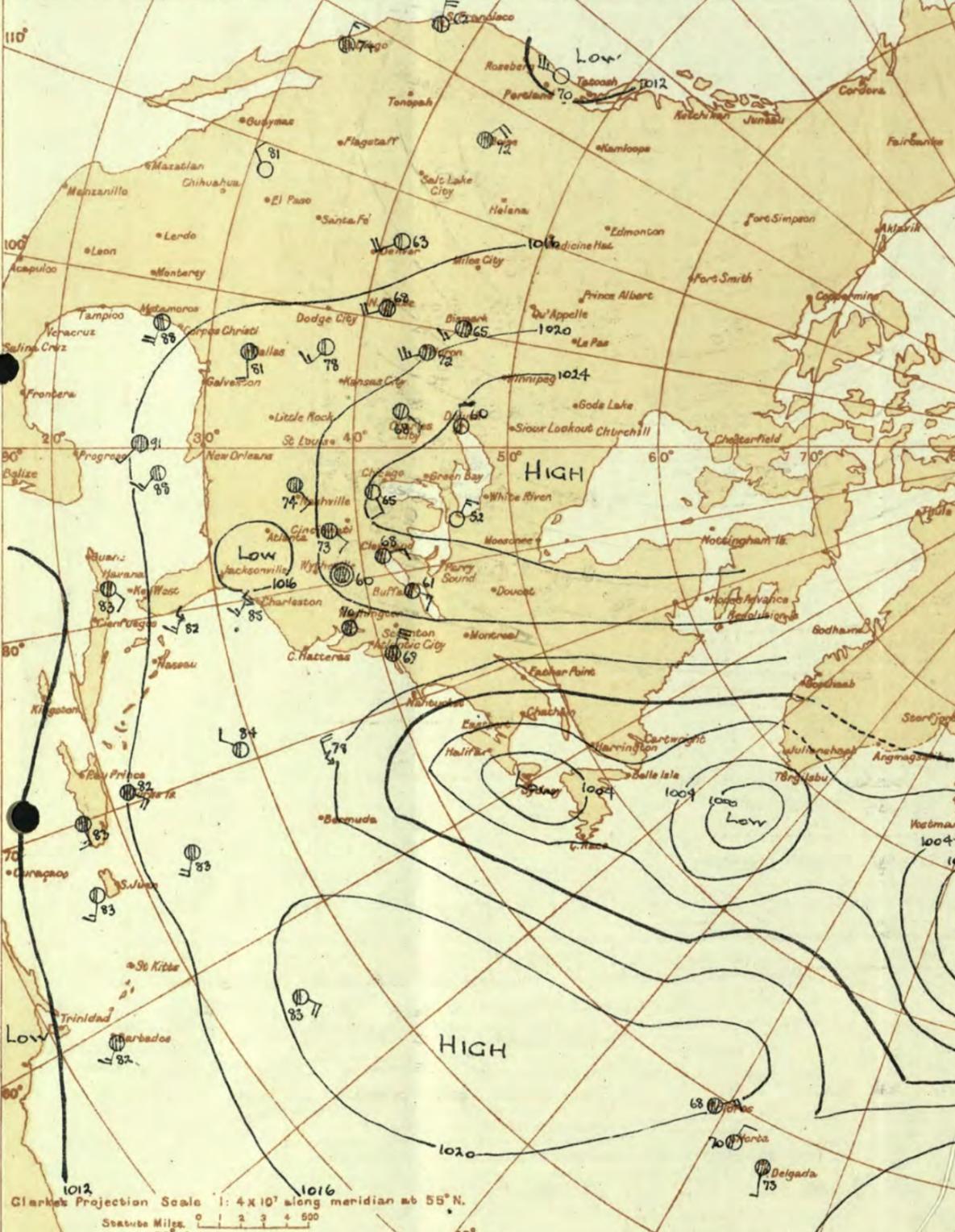
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
 Thursday 28th August
 1941.



Clark's Projection Scale 1: 4 x 10⁷ 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. ☁
 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.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| OBSERVATIONS at 1 hr. G.M.T. 28th August | | | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 28th August | | | | | | | | | | | | | | | 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 (8) | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours (16) | Wind. | | Weather. | Temp. °F. (20) | Humid. % (21) | Visibility (22) | Cloud. | | | | | State of Ground (29) | Sea (30) | TEMPERATURE. | | | RAINFALL. | | Sun- shine 27th Hrs. (36) | | | |
| | | | | | Dir. | Force (4) | | | | | Form. | Amount. | Height of Base (feet) (14) | Dir. | Force (18) | | | Form. | Amount. | | | | | 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 | 1011.1 | -30 | SSW | 4 | c | 59 | 85 | 7 | 9 | 2 | 1 | 10 | 1600 | 1007.3 | -2 | SSW | 3 | c | 59 | 85 | 7 | 8 | 3 | 1 | 10 | 1000 | 1 | 1 | 67 | 55 | 52 | - | 2 | 6.1 | | | |
| | Croydon | 217 | 1010.8 | -34 | SSW | 5 | c | 59 | 75 | 8 | 5 | - | 9 | 9 | 2500 | 1007.8 | +2 | SSW | 4 | d.d. | 59 | 85 | 7 | 5 | 2 | - | 9 | 10 | 1000 | 1 | 1 | 65 | 56 | 48 | - | 2 | 4.4 | | |
| | S. Farnborough | 226 | 1009.7 | -40 | SSW | 6 | rr | 56 | 97 | 7 | 6 | - | - | - | 2000 | 1008.1 | -2 | SSW | 5 | bc | 57 | 92 | 8 | 8 | - | 1 | 1 | 2-3 | 2000 | 1 | 1 | 63 | 52 | 52 | - | 4 | 2.1 | | |
| | Boscombe Down | 417 | 1011.8 | -30 | SW | 6 | ir. | 61 | 85 | 8 | 5 | 7 | - | 4-6 | 9 | 1800 | 1008.1 | -2 | SW | 5 | bc | 57 | 92 | 8 | 8 | - | 1 | 1 | 2-3 | 2000 | 1 | 1 | 65 | 57 | 51 | - | 1 | 8.3 | |
| | Thorney Island | 10 | 1014.4 | -20 | SSE | 4 | c | 58 | 85 | 8 | 5 | - | - | 9 | 9 | 4000 | 1010.8 | -12 | SSW | 4 | DD | 58 | 97 | 5 | 6 | - | - | 10 | 10 | 100 | 1 | 1 | 65 | 57 | 51 | - | 1 | 8.3 | |
| | Lympe | 346 | 1012.7 | -28 | SWS | 4 | c | 60 | 85 | 7 | - | 7 | - | 0 | 10 | - | 1008.8 | -8 | SW | 4 | d.d. | 58 | 97 | 6 | 5 | - | - | 10 | 10 | 300 | 1 | 1 | 67 | 57 | 48 | - | Tr | 7.2 | |
| 2 | Shoeburyness | 11 | 1012.2 | -22 | SSW | 5 | c | 61 | 85 | 7 | - | 7 | - | 0 | 10 | - | 1008.5 | -4 | SSW | 5 | c | 61 | 85 | 7 | 5 | - | 9 | 9 | 800 | 1 | 1 | 65 | 58 | 49 | - | 0.2 | 5.2 | | |
| | Felixstowe | 15 | 1011.0 | -30 | SSW | 5 | c | 60 | 75 | 7 | 5 | - | 10 | 10 | 2500 | 1007.3 | -18 | SSW | 5 | c | 60 | 92 | 8 | 5 | 3 | - | 9 | 9 | 1600 | 1 | 1 | 67 | 58 | 54 | - | 1 | 5.6 | | |
| | Gorleston | 5 | 1003.1 | -30 | SW | 4 | ir. | 59 | 85 | 7 | 5 | - | 10 | 10 | 4000 | 1006.7 | -16 | SSW | 4 | c | 58 | 85 | 7 | 5 | - | 9 | 9 | 800 | 1 | 1 | 67 | 57 | 53 | - | 1 | 1 | | | |
| | Mildenhall | 19 | 1006.7 | -26 | SSW | 5 | ir. | 59 | 85 | 7 | 5 | 2 | - | 7-8 | 10 | 1000 | 1005.0 | -10 | SSW | 5 | c | 59 | 92 | 8 | 8 | 7 | - | 7-8 | 9 | 3500 | 1 | 1 | 66 | 56 | 55 | - | 3 | 6.0 | |
| 3 | Cranwell | 240 | 1006.7 | -26 | SSW | 5 | ir. | 59 | 85 | 7 | 5 | 2 | - | 7-8 | 10 | 1000 | 1003.0 | -2 | SSW | 5 | b | 59 | 85 | 8 | 5 | 4 | - | Tr | 1 | 1500 | 1 | 1 | 65 | 55 | 53 | - | 3 | 3.5 | |
| | Birmingham | 535 | 1007.9 | -36 | SW | 6 | rr | 56 | 92 | 6 | 6 | 2 | - | 7-8 | 10 | 300 | 1002.6 | +2 | SW | 3 | c | 56 | 92 | 8 | 5 | 7 | - | 4-6 | 7-8 | 1500 | 1 | 1 | 63 | 55 | 52 | - | 7 | 1.3 | |
| 4 | Upper Heyford | 408 | 1007.9 | -36 | SW | 6 | rr | 56 | 92 | 6 | 6 | 2 | - | 7-8 | 10 | 300 | 1005.5 | -4 | SW | 4 | c | 58 | 85 | 8 | 5 | - | 9 | 9 | 1200 | 1 | 1 | 63 | 55 | - | - | - | - | | |
| | Ross-on-Wye | 223 | 1003.5 | -8 | WSW | 6 | bc | 59 | 97 | 8 | 5 | - | 6 | 4-6 | 4-6 | 1500 | 1004.3 | 0 | WSW | 4 | ir | 57 | 55 | 6 | 9 | - | 8 | 9 | 2500 | 1 | 1 | 65 | 56 | 53 | - | Tr | 1.7 | | |
| 5 | Hartland Point | 299 | 1007.9 | -32 | SSW | 7 | rr | 58 | 92 | 6 | 6 | 2 | - | 7-8 | 10 | 1500 | 1006.3 | +18 | WSW | 6 | bc | 59 | 85 | 8 | 8 | - | 4-6 | 4-6 | 1000 | 1 | 1 | 63 | 57 | 57 | - | 8 | 12.2 | | |
| | Bristol | 209 | 1010.4 | -24 | SW | 6 | o | 59 | 92 | 7 | 5 | - | 10 | 10 | 2500 | 1007.1 | +6 | WSW | 5 | bc | 59 | 92 | 8 | 3 | - | - | 4-6 | 4-6 | 1800 | 1 | 1 | 64 | 56 | 53 | - | 6 | 1.7 | | |
| | Portland Bill | 32 | 1009.6 | -26 | SSW | 7 | rr | 56 | 97 | 5 | 6 | 2 | - | 9 | 10 | 600 | 1009.1 | +8 | WSW | 6 | c | 59 | 92 | 7 | 5 | - | 10 | 10 | 2500 | 1 | 1 | 61 | 56 | - | - | 3 | 1 | | |
| | Plymouth | 82 | 1009.2 | -8 | WSW | 6 | bc | 57 | 97 | 7 | 8 | - | - | 4-6 | 4-6 | 1500 | 1005.5 | +8 | WSW | 6 | bc | 58 | 92 | 7 | 8 | - | 2 | 4-6 | 4-6 | 1500 | 1 | 1 | 63 | 56 | 55 | - | 11 | 3.4 | |
| | The Lizard | 240 | 1008.0 | +2 | WSW | 5 | bc | 57 | 97 | 7 | 8 | 4 | - | 2-3 | 4-6 | 1500 | 1010.0 | +4 | WSW | 5 | bc | 57 | 92 | 7 | 8 | 6 | - | 4-6 | 4-6 | 1500 | 1 | 1 | 63 | 55 | - | - | 8 | 6.3 | |
| | Scilly (St. Mary's) | 163 | 1008.0 | +2 | WSW | 5 | bc | 57 | 97 | 7 | 8 | 4 | - | 2-3 | 4-6 | 1500 | 1003.5 | +14 | WSW | 5 | bc | 57 | 92 | 7 | 8 | 6 | 2 | 2-3 | 4-6 | 1200 | 1 | 1 | 64 | 55 | - | - | 8 | 4.2 | |
| 6 | Guernsey | 175 | 1004.0 | -6 | SW | 7 | id | 59 | 92 | 7 | 8 | - | 9 | 9 | 1500 | 1004.8 | +4 | SW | 7 | cq | 59 | 85 | 7 | 8 | - | - | 7-8 | 7-8 | 1500 | 1 | 1 | 61 | 57 | - | - | 13 | 1.0 | | |
| | Pembroke | 142 | 1000.5 | -14 | SSW | 6 | c | 58 | 92 | 7 | 5 | - | 9 | 9 | 2000 | 993.5 | 0 | SW | 5 | cjp | 58 | 85 | 7 | 3 | 3 | - | 7-8 | 7-8 | 1500 | 1 | 1 | 63 | 56 | 58 | 4 | 3 | 1 | | |
| 7 | Holyhead (Valley) | 26 | 1001.7 | -6 | SSW | 3 | z. | 59 | 75 | 6 | 5 | - | 7-8 | 7-8 | 800 | 1001.4 | -4 | SSW | 2 | pr | 58 | 75 | 7 | 9 | - | - | 7-8 | 7-8 | 1500 | 1 | 1 | 67 | 55 | 46 | - | 3 | 0.7 | | |
| | Chester (Sealand) | 16 | 1003.1 | -20 | S | 4 | bc | 57 | 92 | 7 | 8 | - | 2-3 | 2-3 | 2500 | 1001.1 | -2 | SSW | 4 | bc | 56 | 92 | 7 | 8 | - | - | 4-6 | 4-6 | 2400 | 1 | 1 | 66 | 55 | 52 | 0.1 | 4 | 0.7 | | |
| 8 | Manchester | 70 | 1005.6 | -16 | SSW | 6 | rr | 56 | 92 | 6 | 2 | - | 10 | 10 | 1500 | 1002.0 | -4 | SSW | 5 | bcq | 58 | 92 | 7 | 4 | 1 | - | 4-6 | 4-6 | 2500 | 1 | 1 | 65 | 55 | - | - | 2 | 5.8 | | |
| | Spurn Head | 29 | 1001.6 | -22 | SSW | 3 | pr | 57 | 92 | 7 | 2 | - | 9 | 9 | 1500 | 999.5 | 0 | SSW | 2 | bc | 57 | 85 | 8 | 8 | - | - | 9 | 9 | 2100 | 1 | 1 | 65 | 56 | 54 | - | 3 | 3.3 | | |
| 10 | Catterick | 175 | 1000.5 | -20 | WSW | 6 | bcq | 60 | 75 | 7 | 2 | - | 4-6 | 4-6 | 2500 | 998.4 | -6 | SSW | 3 | bc | 57 | 85 | 6 | 2 | 3 | 1 | 4-6 | 4-6 | 1700 | 1 | 1 | 65 | 56 | 52 | 0.3 | 0.5 | 1 | | |
| | Tynemouth | 108 | 997.2 | -24 | SW | 4 | bc | 56 | 85 | 7 | 4 | 4 | - | 4-6 | 4-6 | 2500 | 995.4 | -10 | SW | 4 | bc | 55 | 92 | 8 | 4 | 4 | 9 | 4-6 | 4-6 | 2500 | 1 | 1 | 60 | 52 | - | - | 0.3 | 14 | |
| 11 | St. Abbs Head | 280 | 996.5 | -18 | - | 0 | bc | 55 | 97 | 6 | 5 | - | 4-6 | 4-6 | 1800 | 994.1 | -4 | SW | 3 | c | 56 | 85 | 8 | 8 | 7 | 4 | 7-8 | 7-8 | 2500 | 1 | 1 | 61 | 53 | 48 | 0.5 | 3 | 3.0 | | |
| | Leuchars | 36 | 996.4 | -18 | SE | 3 | pr | 58 | 85 | 6 | 8 | - | 9 | 9 | 1400 | 994.3 | -6 | SSW | 4 | pr | 56 | 85 | 7 | 8 | 7 | - | 7-8 | 9 | 2500 | 1 | 1 | 59 | 55 | 49 | 5 | 0.3 | 0.0 | | |
| 12 | Bentley (Abbots L.) | 19 | 995.8 | -12 | SSW | 4 | pr | 57 | 92 | 7 | 3 | - | 7-8 | 7-8 | 2000 | 995.8 | 0 | SSW | 4 | ir. | 56 | 85 | 6 | 6 | - | - | 10 | 10 | 800 | 1 | 1 | 59 | 52 | 52 | 14 | 25 | 0.0 | | |
| | Eskdalemuir | 794 | 998.3 | -12 | SSW | 4 | pr | 57 | 92 | 7 | 3 | - | 7-8 | 7-8 | 2000 | 996.9 | -2 | SSW | 3 | bc | 57 | 85 | 8 | 2 | - | 5 | 4-6 | 4-6 | 2000 | 1 | 1 | 61 | 55 | - | - | 4 | 1 | 0.0 | |
| 13A | Point of Ayre | 30 | 992.0 | -20 | S | 2 | ir | 54 | 97 | 7 | - | - | 9 | 9 | 500 | 990.3 | 0 | SW | 2 | bc | 55 | 92 | 8 | 8 | - | - | 4-6 | 4-6 | 1500 | 1 | 1 | 61 | 54 | - | - | 3 | 8 | 1.6 | |
| | Tiree | 22 | 994.0 | -16 | ESE | 4 | pr | 54 | 92 | 7 | 3 | 7 | - | 7-8 | 9 | 2000 | 991.4 | -8 | ESE | 3 | pr | 55 | 92 | 8 | 8 | 7 | - | 7-8 | 9 | 2000 | 3 | 2 | 56 | 53 | - | - | 5 | 6 | 0.0 |
| 13B | Stornoway | 80 | 993.2 | -6 | SSW | 3 | pr | 59 | 97 | 7 | 3 | - | 10 | 10 | 1500 | 993.2 | -6 | SSW | 3 | pr | 59 | 97 | 7 | 3 | - | - | 10 | 10 | 1500 | 1 | 1 | 56 | 49 | 45 | 3 | 4 | 1.7 | | |
| | Dalwhinnie | 1176 | 995.0 | -22 | SSW | 2 | bc | 54 | 97 | 7 | 5 | - | 4-6 | 4-6 | 4000 | 993.6 | -6 | SW | 2 | bc | 55 | 91 | 8 | 8 | - | 3 | 2-3 | 2-3 | 2500 | 1 | 2 | 65 | 54 | 50 | 1 | 0.2 | 4.1 | | |
| 15 | Aberdeen | 79 | 995.0 | -22 | SSW | 2 | bc | 54 | 97 | 7 | 5 | - | 4-6 | 4-6 | 4000 | 991.9 | -10 | SSW | 3 | bc | 55 | 92 | 7 | 3 | 7 | - | 2-3 | 4-6 | 450 | 1 | 1 | 63 | 53 | 51 | - | - | - | | |
| | Wick | 118 | 998.0 | -22 | SSE | 3 | dr | 55 | 92 | 6 | 5 | - | 10 | 10 | 900 | 993.5 | -14 | SSE | 3 | c | 56 | 97 | 7 | 5 | - | | | | | | | | | | | | | | |

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

 BRITISH SECTION
 Friday 25th August 1941.
 No 29135

OBSERVATIONS at 13h. G.M.T. 25th August

OBSERVATIONS at 18h. G.M.T. 25th August

PAST 24 HOURS.

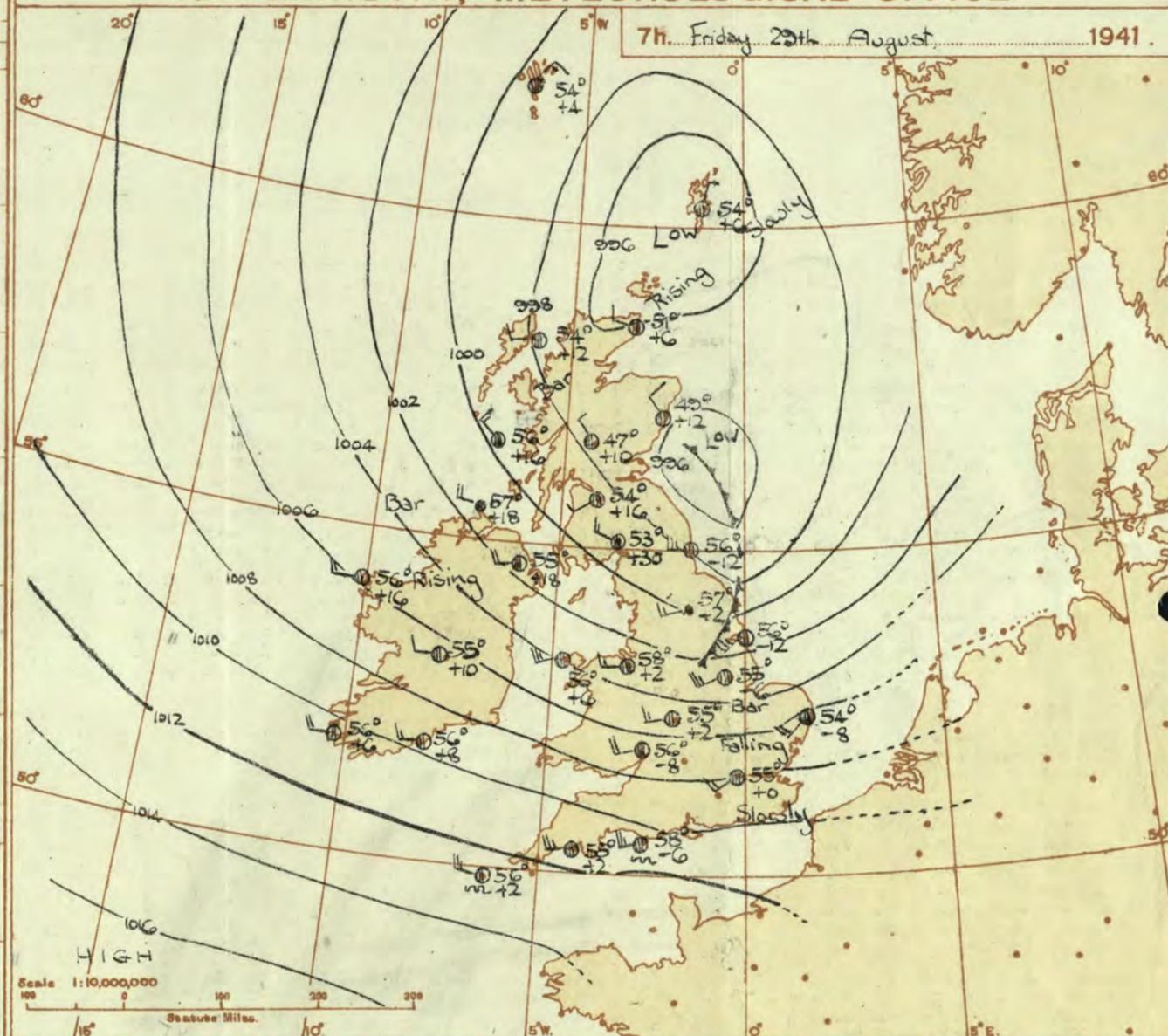
| District | STATIONS.
(For heights see p. 4.) | Barom.
at
M.S.L.
mb.
(1) | Change in
8 hours.
(2) | Wind. | | Weather. | Temp.
°F.
(6) | Humid.
%
(7) | Visibility.
0-9
(8) | Cloud. | | | | | Barom.
at
M.S.L.
mb.
(15) | Change in
8 hours.
(16) | Wind. | | Weather. | Temp.
°F.
(20) | Humid.
%
(21) | Visibility.
0-9
(22) | Cloud. | | | | | State of
Ground.
0-9
(29) | Sea.
0-9
(30) | WEATHER. | | | | | | | |
|----------|--------------------------------------|--------------------------------------|------------------------------|-----------------------|---------------|----------|---------------------|--------------------|---------------------------|--------|---------|---|-------------|--------------|---------------------------------------|-------------------------------|--------------|---------------------|----------|----------------------|---------------------|----------------------------|-----------------------|--------------|--------------|--------------|---------------------|------------------------------------|---------------------|-----------------------|--|--------------------------|---------------------------|-------------------------------------|-------------------------|------------------|-------------------|
| | | | | Dirac.
0-12
(3) | Force.
(4) | | | | | Form. | Amount. | Height
of
Base.
(feet)
(14) | Low.
(9) | Med.
(10) | | | High
(11) | Low
0-10
(12) | | | | | Total
0-10
(13) | Low.
(23) | Med.
(24) | High
(25) | Low
0-10
(26) | | | Total
0-10
(27) | Height
of
Base
(feet)
(28) | 7h.-13h.
25th
(37) | 13h.-18h.
25th
(38) | 18h. 25th
to
1h. 26th
(39) | 1h.-7h.
26th
(40) | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7h.-13h.
25th | 13h.-18h.
25th |
| 1 | London (Kew) ... | 1008.2 | +2 | SW | 4 | g/pr | 63 | 85 | 8 | 8 | + | 4-6 | 3 | 1500 | 1008.2 | +6 | SW | 3 | c | 62 | 85 | 8 | 2 | + | 4 | 2-3 | 7-8 | 2500 | 1 | * | arg rpy | arg rpy | bcw | bcw | | | |
| | Croydon ... | 1008.8 | +2 | W | 4 | pr | 64 | 82 | 8 | 8 | + | 4-6 | 3 | 1500 | 1008.4 | +2 | WSW | 3 | c | 60 | 85 | 8 | 2 | + | 6 | 1 | 4-6 | 2500 | 1 | * | arg bc | arg bc | bcw | bcw | | | |
| | S. Farnborough | 1008.6 | -2 | WSW | 4 | pr | 67 | 85 | 8 | 8 | + | 4-6 | 3 | 2000 | 1008.7 | +2 | WSW | 4 | c | 62 | 75 | 8 | 2 | + | 4 | 2-3 | 7-8 | 2000 | 1 | * | pr | c PR | bcw | bcw | | | |
| | Boscombe Down | 1009.3 | +4 | SW | 5 | pr | 63 | 85 | 8 | 8 | + | 7-8 | 3 | 3000 | 1010.1 | +6 | WS | 5 | bc | 60 | 65 | 8 | 2 | + | 1 | 2-3 | 4-6 | 3000 | 1 | * | bcpr | bcpr, bc | bcw | bcw | | | |
| | Thorney Island | 1010.4 | +8 | SW | 5 | pr | 63 | 75 | 7 | 2 | + | 2-3 | 7-8 | 2500 | 1010.6 | +2 | SW | 4 | c | 62 | 85 | 8 | 2 | + | 8 | 2-3 | 7-8 | 2500 | 0 | * | arg bc | arg bc | bcw | bcw | | | |
| | Lymington | 1011.4 | +8 | WSW | 4 | pr | 63 | 75 | 8 | 2 | + | 7-8 | 3 | 1200 | 1011.6 | +2 | WSW | 4 | c | 60 | 85 | 8 | 5 | + | 1 | 8 | 4-6 | 3000 | 1 | * | arg bc | arg bc | bcw | bcw | | | |
| | Manston | 1009.6 | +10 | WSW | 5 | pr | 66 | 75 | 8 | 2 | + | 7-8 | 3 | 2000 | 1009.7 | +6 | WSW | 4 | pr | 60 | 85 | 7 | 8 | + | 6 | 4 | 7-8 | 4000 | 1 | * | bcpr | bcpr | bcw | bcw | | | |
| 2 | Shoeburyness ... | 1008.8 | -2 | SW | 5 | pr | 63 | 85 | 8 | 2 | + | 4-6 | 7-8 | 1000 | 1008.7 | +6 | SW | 4 | g/pr | 60 | 85 | 8 | 5 | + | 4 | 2-3 | 3 | 4000 | 1 | * | arg bc | arg bc | bcw | bcw | | | |
| | Felixstowe ... | 1007.2 | +2 | WSW | 3 | pr | 68 | 85 | 8 | 2 | + | 1 | 7-8 | 3000 | 1007.3 | +4 | SW | 4 | c | 63 | 75 | 7 | 2 | + | 7 | 2 | 1 | 3 | 3500 | 1 | 4 | arg bc | arg bc | bcw | bcw | | |
| | Gorleston ... | 1006.2 | +4 | WSW | 4 | pr | 68 | 85 | 7 | 8 | + | 4-6 | 7-8 | 1500 | 1006.5 | +4 | bc | 4 | bc | 67 | 75 | 7 | 1 | + | 1 | 2-3 | 4-6 | 3000 | 0 | 3 | arg bc | arg bc | bcw | bcw | | | |
| | Mildenhall ... | 1005.6 | +2 | WSW | 5 | pr | 66 | 75 | 8 | 8 | 3 | 1 | 7-8 | 3 | 2500 | 1005.3 | +10 | SW | 5 | bc | 63 | 75 | 3 | 1 | + | 1 | 2-3 | 4-6 | 2500 | 0 | * | arg bc | arg bc | bcw | bcw | | |
| | Cranwell ... | 1003.4 | -2 | SW | 5 | pr | 65 | 85 | 8 | 8 | + | 7-8 | 7-8 | 2500 | 1004.6 | +6 | WSW | 5 | bc | 61 | 65 | 8 | 2 | + | 6 | 1 | 2-3 | 2-3 | 2000 | 0 | * | bc | bc | bcw | bcw | | |
| 3 | Birmingham | 1004.7 | +4 | WSW | 5 | pr | 63 | 85 | 8 | 8 | + | 7-8 | 7-8 | 4000 | 1005.5 | +6 | WSW | 3 | bc | 61 | 85 | 8 | 5 | + | + | 4-6 | 4-6 | 4000 | 1 | * | arg bc | arg bc | bcw | bcw | | | |
| | Upper Heyford | 1006.4 | +2 | WSW | 5 | pr | 64 | 85 | 8 | 2 | + | + | 7-8 | 2200 | 1007.4 | +2 | WSW | 5 | bc | 61 | 85 | 8 | 7 | + | + | 1 | 2-3 | 2-3 | 2000 | 1 | * | arg Rbc | arg Rbc | bcw | bcw | | |
| | Ross-on-Wye ... | 1006.5 | +6 | W | 5 | pr | 63 | 85 | 8 | 8 | + | + | 7-8 | 2-3 | 2500 | 1007.3 | +8 | WSW | 5 | pr | 68 | 68 | 8 | 7 | + | + | 3 | 3 | 2500 | 1 | * | arg bc | arg bc | bcw | bcw | | |
| 5 | Hartland Point | 1008.3 | +6 | W | 5 | pr | 59 | 85 | 8 | 5 | + | + | 2-3 | 7-8 | 1500 | 1009.3 | +2 | W | 6 | g/pr | 59 | 75 | 7 | 8 | + | + | 4-6 | 9 | 1500 | 0 | 5 | bcpr | bcpr | bcw | bcw | | |
| | Bristol ... | 1009.9 | +8 | WSW | 5 | pr | 63 | 85 | 8 | 8 | 7 | + | + | 2-3 | 7-8 | 2000 | 1010.1 | +10 | W | 5 | bc | 60 | 65 | 8 | 2 | + | + | 4-6 | 9 | 2000 | 1 | 5 | bcpr | bcpr | bcw | bcw | |
| | Portland Bill ... | 1010.8 | +4 | SW | 4 | pr | 60 | 85 | 8 | 4 | + | + | 4-6 | 7-8 | 2000 | 1011.2 | +4 | WSW | 5 | bc | 60 | 85 | 8 | 2 | + | + | 4-6 | 7-8 | 2500 | 1 | 5 | bcpr | bcpr | bcw | bcw | | |
| | Plymouth ... | 1011.7 | +8 | SW | 5 | pr | 62 | 75 | 7 | 2 | 3 | 8 | 4-6 | 9 | 2500 | 1012.4 | +6 | W | 5 | bc | 60 | 75 | 8 | 2 | + | + | 2-3 | 4-6 | 2500 | 0 | 5 | bcpr | bcpr | bcw | bcw | | |
| | The Lizard | 1012.3 | +1 | W | 5 | pr | 60 | 85 | 7 | 8 | + | + | 7-8 | 7-8 | 2500 | 1012.9 | -2 | W | 5 | bc | 59 | 85 | 7 | 8 | + | + | 4-6 | 4-6 | 4000 | 0 | 4 | bc | bc | bcw | bcw | | |
| | Soilly (St. Mary's) | 1012.1 | +10 | W | 4 | pr | 61 | 85 | 7 | 8 | 7 | + | + | 4-6 | 9 | 1200 | 1012.5 | +2 | W | 4 | c | 58 | 85 | 7 | 8 | + | + | 4-6 | 7-8 | 1500 | 1 | 5 | bcpr | bcpr | bcw | bcw | |
| | Guernsey ... | 1007.1 | +10 | WSW | 7 | bc | 60 | 75 | 7 | 2 | 6 | 1 | 2-3 | 2-3 | 3000 | 1007.4 | 0 | WSW | 7 | bc | 58 | 85 | 7 | 2 | + | + | 4-6 | 4-6 | 2500 | 1 | 4 | bc | bc | bcw | bcw | | |
| 6 | Pembroke ... | 1007.1 | +10 | WSW | 7 | bc | 60 | 75 | 7 | 2 | 6 | 1 | 2-3 | 2-3 | 3000 | 1007.4 | 0 | WSW | 7 | bc | 58 | 85 | 7 | 2 | + | + | 4-6 | 4-6 | 2500 | 1 | 4 | bc | bc | bcw | bcw | | |
| 7 | Holyhead (Valley) | 1002.4 | +20 | SW | 5 | g/pr | 60 | 85 | 7 | 8 | 3 | 3 | 7-8 | 3 | 2500 | 1002.0 | -6 | ES | 6 | pr | 58 | 85 | 7 | 3 | + | + | 7-8 | 3 | 1500 | 1 | 4 | bcpr | bcpr | bcw | bcw | | |
| | Chester (Sealand) | 1002.4 | +8 | SW | 5 | pr | 63 | 85 | 8 | 9 | 6 | + | + | 7-8 | 3 | 1000 | 1003.3 | +4 | SW | 4 | pr | 60 | 65 | 7 | 3 | + | + | 4-6 | 7-8 | 2000 | 1 | * | arg bc | arg bc | bcw | bcw | |
| 8 | Manchester ... | 1002.6 | +6 | SW | 5 | pr | 64 | 65 | 7 | 2 | 6 | + | + | 4-6 | 7-8 | 2200 | 1002.9 | 0 | SW | 5 | bc | 60 | 75 | 7 | 8 | + | + | 2-3 | 4-6 | 2500 | 1 | * | arg PR | arg PR | bcw | bcw | |
| 10 | Spurn Head ... | 1001.9 | -6 | SW | 4 | pr | 60 | 85 | 7 | 2 | 6 | + | + | 4-6 | 7-8 | 2500 | 1003.4 | +22 | W | 4 | bc | 60 | 75 | 7 | 8 | + | + | 4-6 | 4-6 | 4000 | 1 | 4 | bc | bc | bcw | bcw | |
| | Catterick ... | 999.8 | +6 | SW | 4 | pr | 60 | 75 | 8 | 8 | + | + | + | + | 1500 | 1007.5 | +8 | WSW | 2 | g/pr | 57 | 85 | 8 | 8 | + | + | 7-8 | 3 | 1500 | 1 | * | bc | bc | bcw | bcw | | |
| | Tynemouth ... | 998.2 | 0 | SW | 4 | pr | 60 | 75 | 7 | 2 | 3 | + | + | 4-6 | 4-6 | 2500 | 999.2 | -6 | WSW | 5 | bc | 61 | 65 | 7 | 2 | 3 | + | + | 4-6 | 4-6 | 3200 | 1 | 2 | bc | bc | bcw | bcw |
| 11 | St. Abbs Head | 995.2 | 0 | SW | 3 | pr | 60 | 75 | 8 | 8 | 4 | + | + | 4-6 | 9 | 2000 | 996.4 | +4 | SW | 3 | bc | 59 | 75 | 8 | 4 | 3 | 3 | 2-3 | 7-8 | 2500 | 1 | 2 | bc | bc | bcw | bcw | |
| | Leuchars ... | 994.0 | +2 | SW | 5 | pr | 61 | 75 | 8 | 8 | 7 | + | + | 4-6 | 7-8 | 3200 | 995.1 | +6 | WSW | 4 | bc | 62 | 85 | 8 | 3 | 4 | 3 | 1 | 4-6 | 2500 | 1 | * | arg bc | arg bc | bcw | bcw | |
| 12 | Roufrew (Abbots L.) | 995.8 | +10 | WSW | 4 | pr | 63 | 85 | 8 | 2 | + | + | 7-8 | 7-8 | 2500 | 996.6 | -2 | SW | 2 | g/pr | 58 | 85 | 8 | 8 | + | + | 4-6 | 7-8 | 2500 | 1 | * | arg bc | arg bc | bcw | bcw | | |
| | Eskdalemuir ... | 996.1 | +6 | SW | 4 | pr | 67 | 85 | 8 | 8 | + | + | 4-6 | 4-6 | 1500 | 997.2 | 0 | SW | 4 | PR | 55 | 85 | 8 | 8 | + | + | 4-6 | 3 | 1500 | 1 | * | arg PR | arg PR | bcw | bcw | | |
| | Point of Ayre ... | 998.8 | +6 | WS | 4 | pr | 63 | 75 | 8 | 2 | + | + | 4-6 | 9 | 3000 | 998.9 | 0 | WS | 6 | PR | 59 | 85 | 7 | 3 | 7 | + | + | 7-8 | 3 | 1500 | 1 | 4 | bcpr | bcpr | bcw | bcw | |
| 13a | Tiree ... | 994.4 | +12 | WSW | 4 | pr | 59 | 75 | 8 | 8 | + | + | 7-8 | 7-8 | 2100 | 993.7 | -4 | WSW | 4 | bc | 58 | 85 | 8 | 8 | + | + | 4-6 | 4-6 | 2100 | 0 | 3 | bc | bc | bcw | bcw | | |
| 13b | Stornoway ... | 991.2 | +2 | SW | 3 | pr | 57 | 82 | 8 | 5 | 7 | 1 | 4-6 | 3 | 2500 | 993.3 | +4 | S | 4 | g/pr | 57 | 85 | 8 | 8 | 7 | 1 | 7-8 | 3 | 2500 | 1 | 2 | bc | bc | bcw | bcw | | |
| 15 | Dalwhinnie ... | 992.4 | +10 | SW | 3 | pr | 54 | 85 | 7 | 4 | + | + | + | + | 1300 | 995.3 | +4 | SW | 2 | c | 54 | 75 | 8 | 8 | + | + | 3 | 3 | 2500 | 1 | * | bc | bc | bcw | bcw | | |
| | Aberdeen ... | 993.1 | -2 | SW | 3 | pr | 60 | 75 | 7 | 9 | + | + | 7-8 | 7-8 | 1800 | 994.5 | +10 | SE | 1 | g | 60 | 85 | 6 | 8 | 9 | 2 | 4-6 | 7-8 | 2500 | 1 | 2 | bcpr | bcpr | bcw | bcw | | |
| | Wick ... | 991.6 | -2 | SW | 3 | pr | 60 | 85 | 3 | 6 | 3 | 0 | 3 | 4-6 | 4-6 | 4000 | 992.8 | +22 | WNW | 3 | bc | 55</ | | | | | | | | | | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 25th August | | | | 18h. G.M.T. | | | | 01h. G.M.T. 26th August | | | | 07h. G.M.T. | | | |
|-------------------------|----------------|--------------------|-------|----------------|--------------------|-------|----------------|-------------------------|-------|----------------|--------------------|-------------|----------------|--------------------|-------|
| III | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN | C _m | wwVhN _h | DDFWN |
| 109 | 80 | 01753 | 18214 | 97 | 10854 | 25327 | 50 | 02846 | 14126 | 53 | 02735 | 00026 | | | |
| 115 | 52 | 10844 | 20230 | 87 | 81724 | 22387 | 52 | 02844 | 20267 | 52 | 81734 | 22367 | | | |
| 203 | 6- | 04838 | 10508 | | | | 5- | 02936 | 16326 | 5- | 02938 | 20329 | | | |
| 206 | 83 | 25905 | 20385 | 83 | 02865 | 24287 | 53 | 01864 | 24224 | 8- | 01964 | 24224 | | | |
| 210 | 3- | 25955 | 19385 | 86 | 25965 | 28287 | 5- | 02865 | 00015 | 53 | 02864 | 20225 | | | |
| 220 | 73 | 01843 | 21214 | | | | | | | 80 | 02846 | 27368 | | | |
| 230 | 8- | 25857 | 53887 | 83 | 25855 | 18186 | 8- | 02856 | 00016 | 8- | 81747 | 18117 | | | |
| 245 | | | | 24 | 01962 | 22314 | 8- | 25764 | 26184 | 74 | 02866 | 22346 | | | |
| 260 | 8- | 81755 | 20225 | 43 | 02864 | 20316 | 5- | 25756 | 16285 | 5- | 02765 | 22126 | | | |
| 278 | 8- | 02864 | 21126 | 36 | 25855 | 19386 | 8- | 25945 | 55485 | 8- | 25847 | 00055 | | | |
| 279 | 23 | 01844 | 53084 | 83 | 01854 | 52514 | 8- | 81787 | 53687 | 8- | 02756 | 57486 | | | |
| 285 | | | | 9- | 82746 | 22586 | | | | 9- | 25637 | 24587 | | | |
| 288 | 20 | 81846 | 53586 | 86 | 02853 | 55585 | 80 | 01754 | 21484 | 86 | 01854 | 22365 | | | |
| 578 | 83 | 02845 | 22385 | | | | 86 | 01842 | 26584 | 93 | 25834 | 28584 | | | |
| 301 | 80 | 02754 | 55725 | 56 | 01764 | 55815 | 5- | 02745 | 55815 | 5- | 02736 | 56727 | | | |
| 321 | 80 | 01755 | 52515 | 86 | 01754 | 20494 | 50 | 25763 | 21383 | 52 | 51756 | 22426 | | | |
| 299 | 8- | 02645 | 20415 | 50 | 01753 | 20313 | 81 | 02744 | 22316 | | | | | | |
| 292 | 80 | 01854 | 52085 | 8- | 01864 | 18384 | 8- | 25787 | 21287 | 86 | 62855 | 55316 | | | |
| 310 | -- | 01644 | 24615 | -- | 01644 | 24614 | | | | -- | 48209 | 24429 | | | |
| 044 | 20 | 01854 | 53424 | 4- | 02765 | 55515 | 8- | 25655 | 53485 | 5- | 53748 | 55488 | | | |
| 333 | 17 | 02753 | 10620 | 86 | 01754 | 20614 | 5- | 01764 | 20614 | 8- | 01844 | 20584 | | | |
| 334 | -- | 03046 | 20528 | -- | 81746 | 20487 | | | | | | | | | |
| 340 | 2- | 02855 | 22525 | 93 | 02864 | 21525 | 20 | 01855 | 20485 | 46 | 00852 | 22383 | | | |
| 130 | 20 | 02855 | 21515 | 20 | 01963 | 20313 | 04 | 00890 | 20521 | | | | | | |
| 336 | 51 | 01752 | 24515 | 51 | 02752 | 24517 | | | | 62 | 66752 | 24568 | | | |
| 350 | 87 | 81754 | 55585 | 10 | 00867 | 55582 | 04 | 00790 | 18401 | 55 | 02734 | 20417 | | | |
| 308 | 87 | 02744 | 23020 | 82 | 02746 | 23727 | | | | | | | | | |
| 379 | 20 | 02755 | 20085 | | | | 50 | 01753 | 55413 | 53 | 01753 | 20314 | | | |
| 390 | 20 | 02854 | 55525 | 80 | 01752 | 22424 | 03 | 00790 | 20411 | 53 | 02636 | 22417 | | | |
| 382 | | | | | | | 50 | 01864 | 54414 | 53 | 02834 | 20425 | | | |
| 438 | 5- | 02745 | 24615 | | | | | | | | | | | | |
| 430 | | | | 23 | 02852 | 55525 | 50 | 00742 | 22402 | 8- | 02757 | 22427 | | | |
| 400 | 5+ | 02753 | 53020 | -- | 05752 | 21513 | 54 | 01753 | 55514 | 57 | 02735 | 56587 | | | |

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W - Present and past weather—See M.O. 252.
h, N_h - Height and amount of low cloud—See M.O. 252.
N - Total amount of cloud—See M.O. 252.
C_m, C_M - Form of low and medium cloud—See page 1.
V - Visibility. F - Force of wind—See page 4.
DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th August 1941. |
|---------------------------------|--|
| 1 S.E. England | Moderate or fresh westerly winds. Bright intervals and local showers, perhaps with some thunder this afternoon. Rather cool. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Fresh westerly winds, strong locally on coasts, backing later. Bright intervals and local showers, perhaps with thunder. More general rain probable towards end of period. Rather cool. |
| 6 South Wales ... | |
| 7 North Wales ... | |
| 8 N.W. England | |
| 9 N. Midlands ... | |
| 10 N.E. England | As 1-3. |
| 11 S.E. Scotland | As 4-8. |
| 12 S.W. Scotland & Isle of Man. | |
| 13A. W. Scotland | |
| 13B. N.W. Scotland | |
| 14 Mid Scotland | As 1-3. |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | Moderate or fresh westerly winds, backing S.W. temporarily. Bright intervals and showers at first, but more general rain spreading from the west, followed by bright intervals again towards end of period. Rather cool. |
| 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.

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

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

GENERAL INFERENCE.
A depression centred off N.E. Scotland is moving E. and filling up. Another depression now well out on the Atlantic is approaching the British Isles. There will be bright intervals in all districts, with scattered showers and some thunder, but more general rain will spread into western districts later.

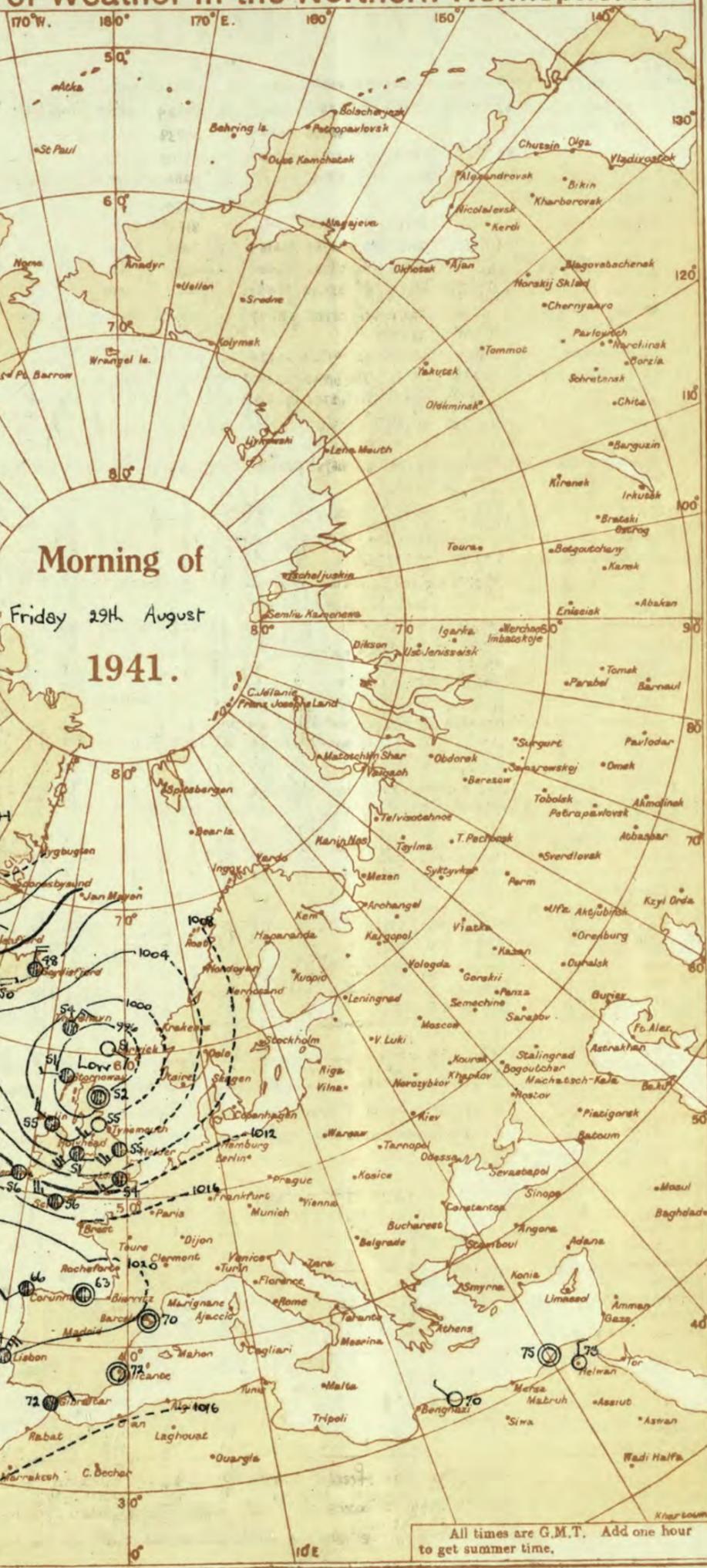
FURTHER OUTLOOK.
Continuing unsettled, with rain or showers at times in most districts.

Forecasts issued at 10.30h. G.M.T.
N. K. JOHNSON, D.Sc., A.R.C.S. Director.
H.M.S.O. Press, Meteorological Office, Dunstable.
© 208/4120. No. 8176. D. 8034. Gp. 846. 3300 8/41

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

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin.
 In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
 Friday 29th August
 1941.

Clark's Projection Scale 1: 4 x 10⁷ 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. △ Hail. Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. K Slight haze. ☁
 Hours of observation: —Azores, Greenland, Ships, etc. G.M.T. America and Europe, mainly 1h, G.M.T.; U.S.S.R. (Europe and Asia), 1h, local time.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 20th August

OBSERVATIONS at 7 hr. G.M.T. 20th August

PAST 24 HOURS.

| DISTRICT. | STATIONS. | Height above M.S.L. in feet. | Barom. at M.S.L. (1) | Change in 3 hours. | Wind. | | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | | Barom. at M.S.L. (15) | Change in 3 hours. | Wind. | | Temp. °F. | Humid. % | Visibility. | Cloud. | | | | | Sea. | TEMPERATURE. | | | RAINFALL. | | SUNSHINE Hrs. | | | |
|-----------|---------------------|------------------------------|----------------------|--------------------|-------|--------|-----------|----------|-------------|--------|---------|------|------------------------|--------|-----------------------|--------------------|--------|-------|-----------|----------|-------------|---------|------|------------------------|------------------|------|------|--------------|------|----------|------------|------|---------------|-------|------|------|
| | | | | | Dir. | Force. | | | | Form. | Amount. | | Height of Base (feet). | Dir. | | | Force. | Form. | | | | Amount. | | Height of Base (feet). | State of Ground. | 0-9 | | 7-18 | 18-7 | Day 7-18 | Night 18-7 | | | | | |
| | | | | | | | | | | | Low. | Med. | | | | | | | | | | High. | Low. | | | | | | | | | Med. | | High. | Low. | Med. |
| 1 | London (Kew) | 18 | 1010.7 | -2 | SW | 3 | 54 | 85 | * | | | | | 1008.5 | -4 | WSW | 4 | 56 | 85 | 7 | 5 | 2 | 7-8 | 9 | 2500 | 1 | 67 | 54 | 49 | 1 | - | 6-2 | | | | |
| | Croydon | 217 | 1010.7 | -2 | SW | 3 | 54 | 85 | * | | | | | 1008.5 | -4 | WSW | 3 | 55 | 85 | 8 | 5 | 3 | 2-3 | 9+ | 2000 | 1 | 67 | 52 | 49 | - | - | 8-3 | | | | |
| | S. Farnborough | 226 | 1010.4 | -6 | SWW | 4 | 54 | 85 | * | | | | | 1009.5 | -2 | SWW | 4 | 54 | 85 | 8 | 5 | 3 | 8 | 9 | 1000 | 1 | 65 | 53 | 49 | 0 | 0 | 8-2 | | | | |
| | Boscombe Down | 417 | 1011.0 | -6 | SWW | 5 | 53 | 85 | 7 | 5 | - | 2-3 | 2-3 | 1010.8 | +4 | WSW | 5 | 54 | 85 | 7 | 5 | - | 9 | 2-3 | 4-6 | 3000 | 1 | 66 | 52 | 47 | 0 | 0.5 | 7-3 | | | |
| | Thorney Island | 10 | 1011.8 | -2 | WSW | 4 | 57 | 85 | 8 | 5 | - | 1 | 1 | 1010.5 | +4 | WSW | 4 | 59 | 85 | 7 | 5 | 7 | - | 4 | 9+ | 2500 | 0 | 65 | 56 | 52 | - | - | * | | | |
| | Lympne | 346 | 1012.5 | 0 | WSW | 1 | 53 | 92 | 6 | - | - | 0 | 0 | 1011.7 | -2 | SW | 1 | 55 | 85 | 8 | 7 | 6 | 6 | Tr | 9+ | 1200 | 1 | 66 | 50 | 43 | 0 | 0 | 3-4 | | | |
| | Manston | 154 | 1010.7 | -6 | SWW | 3 | 53 | 97 | 8 | - | - | 0 | 0 | 1009.2 | -4 | WSW | 4 | 55 | 85 | 7 | 2 | 4 | 6 | Tr | 9+ | 2000 | 1 | 68 | 51 | 49 | 0 | 0 | 4-5 | | | |
| 2 | Shoeburyness | 11 | * | * | * | * | * | * | * | * | * | * | * | 1009.7 | -2 | SWW | 4 | 56 | 85 | 8 | 2 | 4 | 7 | Tr | 10 | 2500 | 1 | 69 | 54 | 48 | 2 | - | 6-4 | | | |
| | Felixstowe | 15 | 1008.8 | -2 | WSW | 5 | 57 | 85 | 7 | - | 4 | - | 0 | Tr | - | WSW | 5 | 56 | 85 | 8 | - | 7 | 7 | 0 | 9+ | 1 | 4 | 69 | 55 | 51 | - | - | 5-8 | | | |
| | Gorleston | 5 | 1008.4 | +4 | SW | 3 | 55 | 75 | 6 | - | - | 0 | 0 | 1006.9 | -8 | SW | 3 | 54 | 97 | 7 | - | 9 | - | 0 | 4-6 | 0 | 3 | 68 | 53 | 41 | 1 | 1 | 8 | | | |
| | Mildenhall | 19 | 1007.5 | -4 | SW | 3 | 55 | 92 | 8 | - | - | 0 | 0 | 1006.0 | -4 | SW | 3 | 54 | 97 | 8 | - | 7 | 2 | 0 | 7-8 | 0 | 0 | 68 | 52 | 46 | - | - | 8-3 | | | |
| | Cranwell | 240 | 1005.3 | -6 | SWW | 5 | 55 | 75 | 7 | 5 | - | 10 | 10 | 1003.9 | -6 | SWW | 5 | 55 | 85 | 8 | 5 | 3 | 4 | 7-8 | 9 | 2000 | 0 | 68 | 53 | 51 | - | - | 11-5 | | | |
| 3 | Birmingham | 535 | * | * | * | * | * | * | * | * | * | * | * | 1008.3 | +2 | WSW | 3 | 55 | 85 | 8 | 5 | 7 | - | 2-3 | 2-3 | 4000 | 1 | 66 | 51 | 49 | 2 | - | 7-2 | | | |
| | Upper Heyford | 408 | 1008.3 | -2 | SW | 4 | 53 | 92 | 8 | 5 | 7 | - | 2-3 | 2-3 | 1500 | 1007.0 | -2 | WSW | 4 | 53 | 92 | 8 | 5 | 4 | - | 7-8 | 9+ | 1000 | 1 | 65 | 51 | 41 | Tr | Tr | | |
| 4 | Ross-on-Wye | 223 | * | * | * | * | * | * | * | * | * | * | * | 1007.3 | -8 | WSW | 4 | 56 | 75 | 8 | 5 | - | - | 9 | 9+ | 2500 | 1 | 65 | 54 | 51 | Tr | Tr | 0-2 | | | |
| 5 | Hartland Point | 299 | 1009.9 | 0 | WNW | 5 | 58 | 75 | 8 | 8 | - | - | 7-8 | 7-8 | 1500 | 1009.7 | +4 | WNW | 4 | 57 | 85 | 8 | 8 | - | 9+ | 9+ | 1500 | 1 | 61 | 56 | 54 | 1 | 0.5 | 6-4 | | |
| | Bristol | 209 | 1010.3 | -2 | WSW | 4 | 54 | 92 | 6 | 8 | - | - | 9+ | 9+ | 1200 | 1009.3 | +2 | WS | 4 | 56 | 85 | 8 | 8 | - | 9+ | 9+ | 1600 | 1 | 64 | 53 | 51 | 2 | 1 | 6-8 | | |
| | Portland Bill | 32 | 1011.3 | +6 | SW | 5 | 58 | 92 | 8 | 5 | - | - | 4-6 | 4-6 | 4000 | 1010.3 | -6 | WSW | 5 | 58 | 92 | 8 | 5 | - | 10 | 10 | 2500 | 1 | 62 | 56 | 55 | - | - | * | | |
| | Plymouth | 82 | 1012.9 | -2 | WSW | 6 | 56 | 92 | 8 | 8 | - | - | 2-3 | 2-3 | 2000 | 1012.4 | +2 | W | 5 | 55 | 92 | 8 | 2 | 3 | 1 | 4-6 | 7-8 | 1500 | 0 | 64 | 55 | 53 | Tr | Tr | 6-1 | |
| | The Lizard | 240 | 1013.6 | 0 | W | 5 | 56 | 85 | 8 | 8 | - | - | 4-6 | 4-6 | 2500 | 1013.2 | +6 | W | 5 | 56 | 85 | 8 | 8 | 5 | - | 7-8 | 7-8 | 1200 | 0 | 63 | 54 | * | - | - | 8-2 | |
| | Scilly (St. Mary's) | 163 | 1013.6 | 0 | WNW | 5 | 56 | 85 | 7 | 5 | - | - | 2-3 | 2-3 | 1500 | 1013.1 | +2 | WNW | 5 | 56 | 85 | 8 | 8 | 7 | - | 4-6 | 10 | 1200 | 1 | 62 | 55 | * | 0.1 | - | 6-8 | |
| | Guernsey | 175 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | |
| 6 | Pembroke | 142 | 1007.8 | +2 | WSW | 8 | 57 | 85 | 7 | 2 | - | - | 4-6 | 4-6 | 2500 | 1003.7 | +6 | WSW | 5 | 56 | 85 | 8 | 5 | - | 9+ | 9+ | 2000 | 1 | 62 | 55 | 53 | 2 | 1 | * | | |
| 7 | Holyhead (Valley) | 26 | 1003.3 | -2 | SW | 6 | 57 | 85 | 7 | 5 | - | - | 9 | 9 | 2500 | 1003.2 | +2 | W | 3 | 58 | 75 | 8 | 8 | 6 | - | 7-8 | 7-8 | 2000 | 1 | 66 | 57 | 50 | 1 | 1 | 5-2 | |
| | Chester (Sealand) | 16 | 1004.2 | +2 | SW | 4 | 57 | 75 | 6 | 5 | - | - | 7-8 | 7-8 | 400 | 1003.2 | +2 | W | 3 | 56 | 85 | 6 | 8 | - | 9+ | 9+ | 2000 | 1 | 66 | 52 | 48 | 3 | 1 | 6-7 | | |
| 8 | Manchester | 70 | 1003.7 | +2 | SWW | 4 | 53 | 85 | 6 | 5 | 3 | - | 4-6 | 4-6 | 3000 | 1002.4 | +2 | WSW | 4 | 56 | 75 | 8 | 8 | - | 9+ | 9+ | 2000 | 1 | 66 | 57 | 50 | 1 | 1 | 5-2 | | |
| 10 | Spurn Head | 29 | 1013.7 | -2 | SW | 5 | 55 | 85 | 7 | 2 | - | - | 1 | 1 | 4000 | 1001.9 | -12 | SW | 5 | 56 | 85 | 7 | 8 | 6 | - | 4-6 | 7-8 | 4000 | 0 | 68 | 53 | * | 2 | - | 5-5 | |
| | Catterick | 175 | 1000.9 | -4 | SW | 2 | 55 | 85 | 6 | 8 | - | - | 9+ | 9+ | 2000 | 999.7 | +2 | WSW | 3 | 57 | 75 | 8 | 8 | 6 | - | 4-6 | 7-8 | 2000 | 1 | 64 | 54 | 49 | 0.4 | 3 | 6-1 | |
| | Tynemouth | 108 | 999.1 | -2 | SW | 3 | 55 | 85 | 6 | 2 | - | - | 4-6 | 4-6 | 2500 | 997.8 | -12 | W | 5 | 56 | 75 | 7 | 8 | - | 9 | 9 | 1500 | 1 | 64 | 54 | 51 | 1 | 3 | * | | |
| 11 | St. Abbs Head | 280 | 996.3 | -10 | WSW | 4 | 53 | 92 | 7 | 5 | 2 | - | 7-8 | 10 | 1500 | 995.7 | +8 | NW | 3 | 53 | 92 | 8 | 5 | 4 | - | 7-8 | 9+ | 1800 | 1 | 63 | 51 | * | Tr | 4 | * | |
| | Leuchars | 36 | 995.5 | -4 | W | 1 | 53 | 92 | 6 | 5 | - | - | 4-6 | 4-6 | 2300 | 996.3 | +6 | W | 2 | 52 | 97 | 6 | 5 | 7 | - | 2-3 | 7-8 | 2500 | 1 | 64 | 48 | 43 | 1 | 1 | 5-8 | |
| 12 | Renfrew (Abbots L.) | 19 | 993.6 | -26 | SSW | 4 | 55 | 92 | 6 | 5 | 2 | - | 4-6 | 10 | 1400 | 998.2 | +16 | SW | 1 | 54 | 85 | 8 | 8 | 7 | 9 | - | 4-6 | 7-8 | 2500 | 1 | 65 | 52 | 49 | 1 | 5 | 5-2 |
| | Eskdalemuir | 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | 998.0 | +30 | WNW | 3 | 53 | 85 | 8 | 5 | 4 | 9 | - | 4-6 | 7-8 | 800 | 1 | 59 | 50 | 4-8 | 6 | 12 | 2-0 |
| | Point of Ayre | 30 | 998.6 | -6 | W | 6 | 55 | 92 | 7 | 8 | - | - | 2-3 | 2-3 | 2000 | 1000.2 | +10 | WNW | 5 | 55 | 92 | 7 | 6 | - | 9+ | 9+ | 800 | 1 | 63 | 53 | * | 1 | 2 | 6-9 | | |
| 13A | Tiree | 22 | 998.2 | +18 | WNW | 2 | 54 | 92 | 8 | 5 | * | * | 2-3 | 2-3 | 2500 | 998.7 | +16 | NW | 3 | 56 | 92 | 7 | 8 | - | 9 | 9 | 1500 | 1 | 61 | 52 | * | 0.3 | 2 | 8-5 | | |
| 13B | Stornoway | 80 | 995.3 | +6 | W | 1 | 51 | 97 | 7 | 5 | 4 | - | 7-8 | 9+ | 2500 | 997.1 | +12 | WSW | 2 | 54 | 97 | 8 | 5 | 7 | - | 4-6 | 9+ | 2500 | 1 | 60 | 50 | * | 1 | 0.6 | 3-8 | |
| 15 | Dalwhinnie | 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | 998.0 | +10 | NW | 1 | 47 | 97 | 8 | 5 | - | 9 | 9 | 1500 | 1 | 59 | 42 | 36 | 3 | 0.1 | 1-7 | | |
| | Aberdeen | 79 | * | * | * | * | * | * | * | * | * | * | * | * | * | 996.0 | +12 | NW | 2 | 49 | 92 | 6 | 7 | 3 | - | 4-6 | 7-8 | 3500 | 1 | 64 | 48 | 46 | Tr | Tr | 5-0 | |
| | Wick | 119 | 995.5 | +2 | WSW | 1 | 53 | 92 | 7 | 5 | 1 | - | 7-8 | 9+ | 3500 | 996.3 | +6 | WNW | 2 | 51 | 97 | 8 | 5 | 7 | - | 9 | 9+ | 3500 | 1 | 63 | 51 | 45 | * | * | * | |
| 16 | Sumburgh | 30 | 994.8 | +2 | E | 1 | 50 | 97 | 8 | 5 | - | - | 4-6 | 4-6 | 2500 | 995.3 | +6 | NE | 1 | 54 | 92 | 8 | 5 | 3 | - | 4-6 | 7-8 | 1500 | * | 59 | 50 | 41 | * | * | * | |
| 17 | Blackod Point | 18 | 1003.4 | +18 | WSW | 6 | 56 | 92 | 7 | 4 | - | - | 4-6 | 4-6 | 1500 | 1005.9 | +16 | W | 4 | 56 | 85 | 7 | 4 | - | 4-6 | 4-6 | 2500 | 0 | 61 | 53 | * | 0.4 | Tr | * | | |
| 18 | Malin Head | 94 | 997.5 | -24 | NW | 4 | 55 | 85 | 8 | 5 | 3 | - | 2-3 | 4-6 | 1500 | 1000.5 | +18 | WNW | 4 | 57 | 85 | 8 | 9 | - | 7-8 | 7-8 | 1500 | 1 | 61 | 53 | * | | | | | |

DUPLICATE

SECRET
BRITISH SECTION
Saturday 23rd August 1941.
No. 23,136

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 23rd August

OBSERVATIONS at 18h. G.M.T. 23rd August

PAST 24 HOURS.

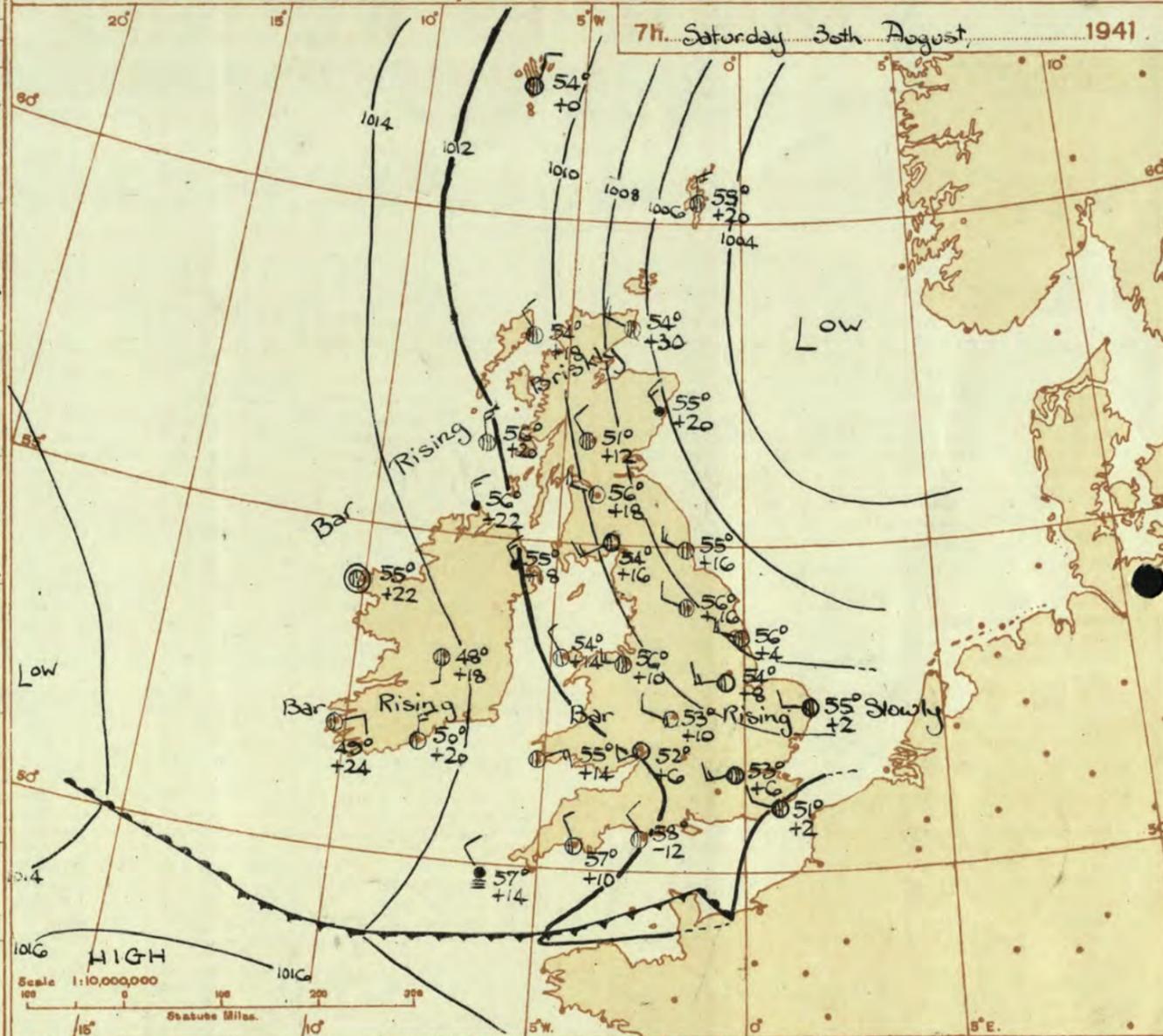
| No. | STATIONS.
(For heights see p. 4.) | Barom.
at
M.S.L.
mb.
(1) | Change in
8 hours.
(2) | Wind. | | Temp.
°F.
(6) | Humid.
%
(7) | Visibility.
0-10
(8) | Cloud. | | | Barom.
at
M.S.L.
mb.
(15) | Change in
8 hours.
(16) | Wind. | | Temp.
°F.
(20) | Humid.
%
(21) | Visibility.
0-10
(22) | Cloud. | | | State of
ground.
0-6
(29) | Sea.
0-6
(30) | WEATHER. | | | | | | | | | | | | |
|-----|--------------------------------------|--------------------------------------|------------------------------|---------------|-----------------------|---------------------|--------------------|----------------------------|--------------|-----------------|---|---------------------------------------|-------------------------------|----------------|------------------------|----------------------|---------------------|-----------------------------|---------------|-----------------|---|------------------------------------|---------------------|--------------------------|---------------------------|-------------------------------------|-------------------------|------|------|-------|------|-------------|----------|----------|---------|-----------|
| | | | | Dirac.
(3) | Force.
0-12
(4) | | | | Form.
(9) | Amount.
(10) | Height
of
Base.
(feet)
(14) | | | Dirac.
(17) | Force.
0-12
(18) | | | | Form.
(23) | Amount.
(24) | Height
of
Base.
(feet)
(28) | | | 7h.-18h.
23rd
(37) | 18h.-18h.
23rd
(38) | 18h. 23rd
to
1h. 30th
(39) | 1h.-7h.
30th
(40) | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | Low. | Med. | High. | Low. | Med. | High. | | | |
| 1 | London (Kew)... | 1008.9 | 0 | SW | 2 | bc/pr | 59 | 85 | 7 | 8 | 7 | 3 | 2.3 | 4.6 | 1500 | 1009.0 | +6 | WSW | 3 | bc | 61 | 65 | 8 | 8 | 4 | 3 | 2.3 | 4.6 | 2500 | 1 | * | pc,pr,dc | PR,pg,bc | bc,km | bc,cm | |
| | Croydon ... | 1009.7 | +2 | SWW | 3 | c/pr | 57 | 82 | 7 | 6 | 7 | - | 4.6 | 3.0 | 1200 | 1009.1 | +2 | WS | 4 | bc | 62 | 65 | 8 | 3 | 6 | - | 2.3 | 4.6 | 2500 | 1 | * | r | pg,pr | bc,cb | bc,cb | |
| | S. Farnborough | 1009.8 | +2 | WS | 4 | c/pr | 58 | 85 | 8 | 8 | 6 | - | 7.8 | 7.8 | 1000 | 1009.5 | 0 | WS | 4 | bc | 62 | 65 | 8 | 2 | 6 | - | 1 | 2.3 | 2500 | 1 | * | pc,PR,pg,bc | bc | bc,cb | bc,cb | |
| | Boscombe Down | 1010.0 | 0 | WNW | 5 | pr | 59 | 75 | 7 | 8 | - | - | 7.8 | 7.8 | 2000 | 1010.9 | +6 | WNW | 3 | bc | 60 | 65 | 8 | 4 | - | 2.3 | 3.0 | 2500 | 0 | * | bc | pc,pg | bc,cb | bc,cb | | |
| | Thorney Island | 1010.6 | 0 | SWW | 4 | c/pr | 64 | 75 | 8 | 8 | 7 | 1 | 7.8 | 3 | 4000 | 1010.7 | -2 | WS | 3 | bc | 62 | 65 | 7 | 2 | 6 | - | 7.8 | 7.8 | 2500 | 1 | * | pc,pg | cPR,bc | bc,cb | bc,cb | |
| | Lympe | 1011.0 | -2 | WSW | 4 | c/pr | 60 | 85 | 8 | 1 | 7 | - | 4.6 | 10 | 2200 | 1010.7 | 0 | WSW | 4 | bc | 59 | 65 | 7 | 3 | 6 | - | 4.6 | 4.6 | 3000 | 1 | 5 | pc,pr | pc,pr,bc | bc,cb | bc,cb | |
| | Manston | 1009.1 | -2 | WSW | 4 | c/pr | 60 | 85 | 8 | 2 | 7 | 8 | 1 | 3 | 2500 | 1009.1 | +6 | WSW | 3 | bc | 58 | 65 | 8 | 8 | 6 | - | 4.6 | 3.0 | 1500 | 1 | * | pc,pr | pc,pr,bc | bc,cb | bc,cb | |
| 2 | Shoeburyness ... | 1009.3 | -2 | SWW | 4 | c | 62 | 75 | 8 | 8 | 1 | - | 4.6 | 10 | 2500 | 1009.1 | -2 | SWW | 3 | c | 59 | 75 | 6 | 8 | 4 | - | 4.6 | 7.8 | 2500 | 1 | * | c | pc,pr,bc | TLR,bc | bc,cm | |
| | Felixstowe ... | 1006.9 | -6 | WSW | 4 | c | 65 | 65 | 8 | 8 | 3 | - | 3 | 10 | 2500 | 1007.2 | +4 | WNW | 3 | bc | 55 | 65 | 8 | 3 | 6 | - | 3 | 3 | 2500 | 1 | 4 | cb,cc | pc,pr,bc | TLR,bc | bc,cm | |
| | Gorleston ... | 1005.5 | -6 | SW | 4 | bc | 64 | 65 | 7 | 2 | - | - | 4.6 | 4.6 | 3000 | 1006.7 | +6 | SW | 3 | bc | 63 | 65 | 7 | 8 | - | - | 7.8 | 7.8 | 2500 | 1 | 3 | bc,pr,pg | bc,pr,bc | bc,cb | bc,cb | |
| | Mildenhall ... | 1005.0 | +2 | WSW | 5 | c | 65 | 85 | 8 | 3 | 7 | 1 | 4.6 | 7.8 | 3000 | 1006.7 | +2 | W | 4 | bc | 57 | 67 | 8 | 7 | 2 | - | 4.6 | 7.8 | 2500 | 1 | * | bc,pr,pg | bc,pr,bc | c,cb | cb | |
| | Cranwell ... | 1004.7 | +4 | W | 4 | c | 58 | 75 | 8 | 3 | 6 | 3 | 7.8 | 3 | 1500 | 1005.7 | +4 | WS | 4 | c | 59 | 75 | 8 | 3 | 6 | 3 | - | 4.6 | 7.8 | 1000 | 1 | * | pc,pr | em,tlr,c | cbc | cm,cb,cm. |
| 3 | Birmingham | 1006.5 | -6 | WNW | 4 | c/pr | 60 | 65 | 8 | 8 | 7 | - | 7.8 | 3 | 2500 | 1008.0 | +8 | W | 3 | c/pr | 60 | 75 | 8 | 8 | 7 | - | 4.6 | 3 | 2500 | 1 | * | bc,pr | pc,bc | bc | bc,cb | |
| | Upper Heyford | 1007.5 | +2 | W | 4 | pr | 57 | 85 | 7 | 8 | 6 | 3 | 4.6 | 7.8 | 1000 | 1007.9 | +4 | W | 4 | bc | 62 | 65 | 8 | 8 | 6 | - | 4.6 | 4.6 | 3000 | 1 | * | pc,pr | pc,pr,bc | bc | bc,cb | |
| | Ross-on-Wye ... | 1008.0 | +4 | WN | 5 | c/pr | 62 | 65 | 8 | 6 | - | - | 3 | 3 | 4000 | 1009.3 | +4 | WN | 4 | bc | 61 | 65 | 8 | 5 | - | - | 4.6 | 4.6 | 4000 | 1 | * | pc,pr | pc,pr,bc | c | cb | |
| 5 | Hartland Point | 1011.3 | +6 | WNW | 5 | c | 60 | 85 | 8 | 3 | 6 | - | 4.6 | 7.8 | 1500 | 1011.8 | 0 | W | 4 | c | 59 | 85 | 8 | 7 | 4 | - | 4.6 | 3 | 2000 | 0 | 5 | c | pc,pr,bc | bc,cb | bc,cb | bc,cb |
| | Bristol ... | 1009.7 | 0 | W | 4 | bc | 61 | 75 | 8 | 2 | - | - | 4.6 | 4.6 | 1500 | 1009.9 | +8 | WN | 5 | pr | 59 | 85 | 8 | 8 | 3 | 3 | - | 3 | 9 | 1800 | 1 | 5 | cb,pr,pr | bc | c,pr,bc | bc,cb |
| | Portland Bill ... | 1011.3 | +2 | SW | 5 | c | 60 | 92 | 8 | 5 | - | - | 10 | 10 | 2500 | 1012.4 | +6 | W | 5 | bc | 60 | 85 | 8 | 2 | - | - | 4.6 | 4.6 | 4000 | 1 | 5 | bc | c | c | bc,cb | |
| | Plymouth ... | 1013.5 | +6 | W'S | 5 | c/pr | 61 | 75 | 8 | 3 | - | - | 3 | 3 | 2500 | 1013.6 | -2 | W | 4 | bc | 60 | 75 | 8 | 7 | - | - | 2.3 | 2.3 | 2500 | 0 | 4 | pc,pr | c,pr,pg | bc,cb | bc,cb | |
| | The Lizard ... | 1014.3 | 0 | W'S | 5 | bc | 61 | 85 | 7 | 8 | - | - | 4.6 | 4.6 | 2500 | 1014.6 | +4 | W | 3 | m | 56 | 67 | 4 | 5 | - | - | 10 | 10 | 300 | 0 | 3 | pc,pr | bc,cm | bc,cb | bc,cb | |
| | Soilly (St. Mary's) | 1014.9 | +2 | WNW | 4 | c | 62 | 85 | 8 | 8 | 7 | - | 4.6 | 3 | 1200 | 1014.4 | -6 | WN | 4 | pr | 56 | 67 | 8 | 8 | 7 | - | 7.8 | 10 | 800 | 1 | 4 | c,pr | cd,r | r,r,d,td | od,td | |
| | Guernsey ... | 1014.9 | +2 | WNW | 4 | c | 62 | 85 | 8 | 8 | 7 | - | 4.6 | 3 | 1200 | 1014.4 | -6 | WN | 4 | pr | 56 | 67 | 8 | 8 | 7 | - | 7.8 | 10 | 800 | 1 | 4 | c,pr | cd,r | r,r,d,td | od,td | |
| 6 | Pembroke ... | 1010.3 | +6 | WS | 5 | bc,pr | 58 | 85 | 7 | 2 | 4 | - | 2.3 | 4.6 | 2500 | 1010.6 | 0 | W | 4 | bc,pr | 58 | 85 | 7 | 1 | 4 | - | 2.3 | 4.6 | 2500 | 1 | 5 | pc,pr | bc,pr | bc | bc,cb | |
| | Holyhead (Valley) | 1006.5 | +10 | W | 5 | c/pr | 61 | 75 | 8 | 8 | 6 | - | 4.6 | 7.8 | 2500 | 1009.3 | +6 | WNW | 4 | c/pr | 60 | 75 | 8 | 8 | 6 | - | 4.6 | 3 | 4500 | 0 | 3 | pc,pr,bc | bc,pr | bc | bc,cb | |
| | Chester (Sealand) | 1006.3 | +20 | WN | 4 | c/pr | 61 | 65 | 8 | 3 | 6 | - | 3 | 3 | 800 | 1006.9 | +6 | W | 3 | c | 62 | 65 | 8 | 3 | 6 | - | 7.8 | 7.8 | 1000 | 1 | * | pc,pr | pc,pr | bc,cb | bc,cb | |
| | Manchester ... | 1005.0 | +12 | W | 5 | c/pr | 62 | 85 | 7 | 3 | - | - | 4.6 | 7.8 | 1800 | 1005.9 | +6 | W | 5 | c | 60 | 75 | 7 | 8 | 3 | - | 7.8 | 3 | 2500 | 1 | * | pc,pr | pc,pr | bc,cb | bc,cb | |
| 10 | Spurn Head ... | 1002.7 | +2 | W | 6 | pr | 60 | 75 | 7 | 8 | 7 | - | 4.6 | 7.8 | 4000 | 1003.5 | +4 | W | 5 | pr | 59 | 85 | 7 | 8 | 6 | - | 4.6 | 7.8 | 4000 | 1 | 4 | c,pr | c,pr | bc,cb | bc,cb | |
| | Catterick ... | 1002.3 | +18 | WN | 3 | pr | 58 | 85 | 8 | 7 | - | - | 3 | 3 | 1800 | 1003.2 | +8 | W | 3 | c | 61 | 65 | 8 | 8 | 6 | - | 4.6 | 3 | 2500 | 0 | * | pr | pr | bc,pr | bc,pr | |
| | Tynemouth ... | 1000.6 | +12 | W | 5 | c/pr | 60 | 75 | 7 | 8 | 3 | - | 4.6 | 7.8 | 2800 | 1002.3 | +8 | W | 3 | c/pr | 57 | 85 | 7 | 8 | - | - | 3 | 3 | 2500 | 1 | 3 | pr | pr | bc,pr | bc,pr | |
| 11 | St. Abbs Head | 999.0 | +12 | W | 2 | c | 58 | 85 | 3 | 8 | 4 | - | 4.6 | 7.8 | 2500 | 1000.2 | +6 | W | 4 | pr | 55 | 85 | 8 | 8 | 7 | - | 7.8 | 3 | 2000 | 1 | 2 | c | tlr,c | bc,pr | bc,pr | |
| | Leuchars ... | 998.5 | +8 | WSW | 2 | bc/pr | 60 | 75 | 8 | 8 | 3 | 1 | 4.6 | 4.6 | 3500 | 1000.1 | +10 | W | 2 | pr | 56 | 85 | 8 | 3 | - | - | 7.8 | 3 | 1800 | 1 | 1 | cb,pr | pr,pr,bc | bc,pr,cb | bc,pr | |
| | Renfrew (Abbots L.) | 1001.2 | +1 | WNW | 3 | pr | 62 | 75 | 8 | 3 | 7 | 3 | 3 | 3 | 1000 | 1002.9 | +14 | W | 3 | c | 59 | 75 | 7 | 8 | 4 | - | 7.8 | 3 | 1500 | 1 | * | pr,pr | pc,pr | bc,pr | bc,cb | |
| | Eska Dalemuir ... | 1000.2 | +10 | WNW | 4 | c/pr | 57 | 75 | 8 | 8 | 2 | - | 7.8 | 3 | 1500 | 1003.1 | +18 | WNW | 4 | c | 56 | 75 | 8 | 8 | - | - | 3 | 3 | 1500 | 1 | * | pr,pr | pc,pr | bc,pr | bc,cb | |
| | Point of Ayre ... | 1000.8 | +12 | WNW | 5 | pr | 59 | 85 | 7 | 8 | 1 | - | 7.8 | 3 | 2000 | 1005.6 | +10 | WNW | 4 | c | 57 | 92 | 8 | 6 | 3 | - | 7.8 | 7.8 | 1500 | 1 | 4 | pr,pr | pr,pr | bc,cb | bc,cb | |
| 13a | Tiree ... | 1003.6 | +14 | WNW | 3 | bc | 58 | 85 | 7 | 8 | 3 | - | 4.6 | 4.6 | 2200 | 1004.5 | +10 | NW | 4 | c | 57 | 92 | 7 | 8 | - | - | 3 | 3 | 1800 | 0 | 4 | pc,pr | c | cid | c | |
| | Stornoway ... | 999.5 | +12 | WN | 4 | bc | 61 | 75 | 7 | 2 | 6 | - | 4.6 | 4.6 | 2500 | 1002.3 | +14 | NW | 3 | pr | 57 | 92 | 8 | 8 | 7 | - | 7.8 | 3 | 2200 | 1 | 1 | pr,pr | pr,pr | cpr | cpr | |
| 15 | Dalwhinnie ... | 999.4 | +8 | WSW | 3 | c | 60 | 65 | 8 | 8 | - | - | 3 | 3 | 2500 | 994.5 | +10 | W | 1 | bc | 53 | 85 | 8 | 4 | - | - | 4.6 | 4.6 | 2500 | 1 | * | pr | pr | cpr | cpr | |
| | Aberdeen ... | 998.1 | +8 | NW | 2 | bc,pr | 63 | 65 | 8 | 8 | - | - | 4.6 | 4.6 | 2100 | 1000.1 | +6 | WSW | 1 | bc,pr | 58 | 75 | 6 | 9 | - | - | 4.6 | 4.6 | 2500 | 1 | 2 | pr | pr,pr,bc | c,pr | c,pr | |
| | Wick ... | 998.3 | +10 | NW | 2 | c/pr | 60 | 75 | 8 | 2 | 7 | - | 4.6 | 3 | 2500 | 1000.5 | +10 | NW | 3 | c | 55 | 85</ | | | | | | | | | | | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 22nd August | | | | 18h. G.M.T. | | | | 01h. G.M.T. 23rd August | | | | 07h. G.M.T. | | | | |
|-------------------------|----------------|--------------------|-------|----------------|--------------------|-------|----------------|-------------------------|-------|----------------|--------------------|-------------|----------------|--------------------|-------|--|
| III | C _u | wwVhN _h | DDFWN | C _u | wwVhN _h | DDFWN | C _u | wwVhN _h | DDFWN | C _u | wwVhN _h | DDFWN | C _u | wwVhN _h | DDFWN | |
| 109 | 8 | 02765 | 29325 | 5 | 03848 | 28228 | 5 | 03749 | 28188 | 5 | 02747 | 30327 | | | | |
| 115 | 53 | 00834 | 30187 | 54 | 09834 | 28325 | 52 | 81734 | 28387 | 57 | 81834 | 28387 | | | | |
| 203 | | | | | | | | 5 | 03838 | 24328 | 5 | 03838 | 28458 | | | |
| 206 | 86 | 28865 | 24196 | 8 | 25965 | 30386 | 5 | 02856 | 26126 | 8 | 82647 | 30387 | | | | |
| 210 | 33 | 10805 | 26315 | 8 | 02267 | 24287 | 8 | 81867 | 25227 | 8 | 25767 | 28487 | | | | |
| 220 | 81 | 02744 | 26488 | | | | | | | | 51 | 03746 | 29428 | | | |
| 230 | 5 | 10847 | 27387 | | | | | 8 | 02845 | 26425 | 2 | 01854 | 26324 | | | |
| 245 | 96 | 81846 | 15287 | 24 | 25954 | 24185 | 44 | 00862 | 24283 | 84 | 10964 | 30385 | | | | |
| 280 | 36 | 81855 | 26285 | 36 | 02854 | 22415 | 5 | 05665 | 24215 | 54 | 01763 | 00004 | | | | |
| 27386 | 01854 | 59584 | 56 | 00872 | 27512 | 8 | 25517 | 07785 | 8 | 01855 | 28415 | | | | | |
| 279 | 8 | 25855 | 56486 | 86 | 02855 | 24486 | 50 | 01864 | 24314 | 53 | 01863 | 00014 | | | | |
| 285 | 9 | 8247 | 24587 | 9 | 81747 | 24587 | | | | 27 | 05635 | 26486 | | | | |
| 288 | 86 | 25855 | 55486 | 36 | 25855 | 57487 | 50 | 01764 | 20184 | 8 | 02753 | 22127 | | | | |
| 57536 | 81847 | 26487 | 26 | 81844 | 26484 | 07 | 01790 | 26213 | 5 | 02867 | 28127 | | | | | |
| 301 | 26 | 01753 | 58624 | 86 | 02744 | 59626 | 50 | 01754 | 59484 | 23 | 01754 | 61425 | | | | |
| 321 | 86 | 25655 | 28487 | 87 | 25653 | 25386 | 54 | 05664 | 23314 | 55 | 81755 | 24327 | | | | |
| 299 | 5 | 25646 | 20586 | 87 | 01744 | 22295 | 50 | 00742 | 22362 | 57 | 01754 | 24215 | | | | |
| 292 | 86 | 02945 | 53425 | 87 | 02965 | 23387 | 5 | 01865 | 23325 | 57 | 02865 | 23126 | | | | |
| 310 | -- | 25636 | 26486 | | | | | | | | 46103 | 24449 | | | | |
| 64483 | 25655 | 87486 | 26 | 25664 | 23386 | 50 | 05663 | 18393 | 53 | 05682 | 22322 | | | | | |
| 333 | 14 | 02854 | 24526 | 83 | 02864 | 24386 | 5 | 00851 | 22201 | | | 28216 | | | | |
| 334 | -- | 81743 | 20387 | -- | 03746 | 26328 | | | | -- | 02755 | 28216 | | | | |
| 340 | 84 | 10845 | 28485 | 36 | 01854 | 24325 | 50 | 00762 | 23212 | 53 | 00962 | 26203 | | | | |
| 136 | 36 | 25855 | 21585 | 36 | 02862 | 22485 | 06 | 05690 | 24414 | 8 | 25767 | 24387 | | | | |
| 336 | 51 | 22752 | 24466 | | | | | | | 24 | 01862 | 28313 | | | | |
| 350 | 26 | 01764 | 20585 | 36 | 01843 | 26385 | 5 | 01764 | 20314 | 03 | 00790 | 24312 | | | | |
| 368 | 26 | 25854 | 55585 | 86 | 02746 | 55527 | | | | | | 24311 | | | | |
| 379 | 84 | 81845 | 22485 | 86 | 01854 | 22482 | 8 | 25757 | 22387 | 04 | 01790 | 24311 | | | | |
| 390 | 27 | 25755 | 56586 | 26 | 81745 | 24485 | 50 | 00761 | 22311 | | | | | | | |
| 382 | 26 | 10855 | 22525 | 86 | 25845 | 23385 | 53 | 01873 | 23323 | | | | | | | |
| 438 | 8 | 03748 | 24688 | | | | | | | 50 | 01754 | 24314 | | | | |
| 430 | | | | 20 | 01865 | 22385 | 03 | 01790 | 24313 | | | | | | | |
| 409 | 84 | 01743 | 23424 | 57 | 02747 | 22527 | 02 | 58518 | 18168 | 5 | 34508 | 03158 | | | | |

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W = Present and past weather—See M.O. 252.
h, N_h = Height and amount of low cloud—See M.O. 252.
N = Total amount of cloud—See M.O. 252.
C_u, C_m = Form of low and medium cloud—See page 1.
V = Visibility. F = Force of wind—See page 4.
DD = Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th August, 1941. |
|---------------------------------|---|
| 1 S.E. England | Light or moderate N.W. winds. Scattered showers, with thunder in places this afternoon; fair later; considerable bright periods; rather cool. |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Light variable winds; mainly fair, but chance of rain late in period; average temperature. |
| 6 South Wales ... | Light N.W. to variable wind; scattered showers at first; fair later with considerable bright periods; average temperature. |
| 7 North Wales ... | |
| 8 N.W. England | As 0-4 |
| 9 N. Midlands ... | |
| 10 N.E. England | |
| 11 S.E. Scotland | As 6-8 |
| 12 S.W. Scotland & Isle of Man. | |
| 13A. W. Scotland | As 0-4 |
| 13B. N.W. Scotland | |
| 14 Mid Scotland | As 6-8 |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | As 5 |
| 17 N. W. Ireland | |
| 18 N. E. Ireland | |
| 19 S. E. Ireland | As 5 |
| 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.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 = Warm Front on the Surface
 = Warm Front above the ground.
 = Cold Front on the surface
 = Cold Front above the ground
 = Occluded Front (or Occlusion)
 = Warm Occlusion
 = Cold Occlusion
 = Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.

A depression over the northern North Sea is filling up, and a ridge of high pressure is spreading in from the Atlantic. There will be scattered showers at first in many districts, with thunder in places in the east, but later it will become fair except in the extreme S.W. where there may be some local rain.

FURTHER OUTLOOK.

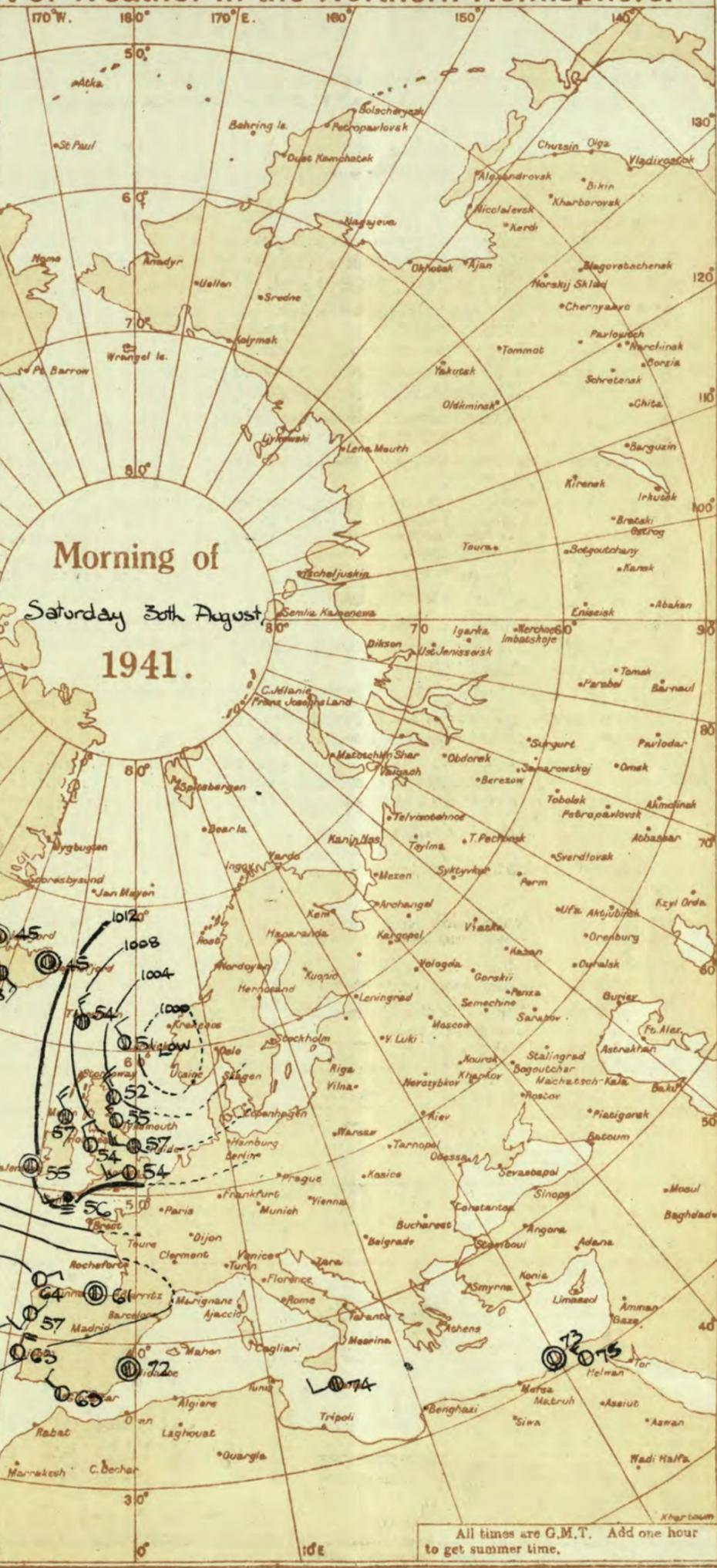
Fair, except perhaps in the S.W.

Forecasts issued at 10.30h. G.M.T.
N. K. JOHNSON, D.Sc., A.R.C.S., Director.
H.M.S.O. Press, Meteorological Office, Dunstable. 4.269/4120. No. 8176. D. 8034. Sp. 848. 3500. 3/41

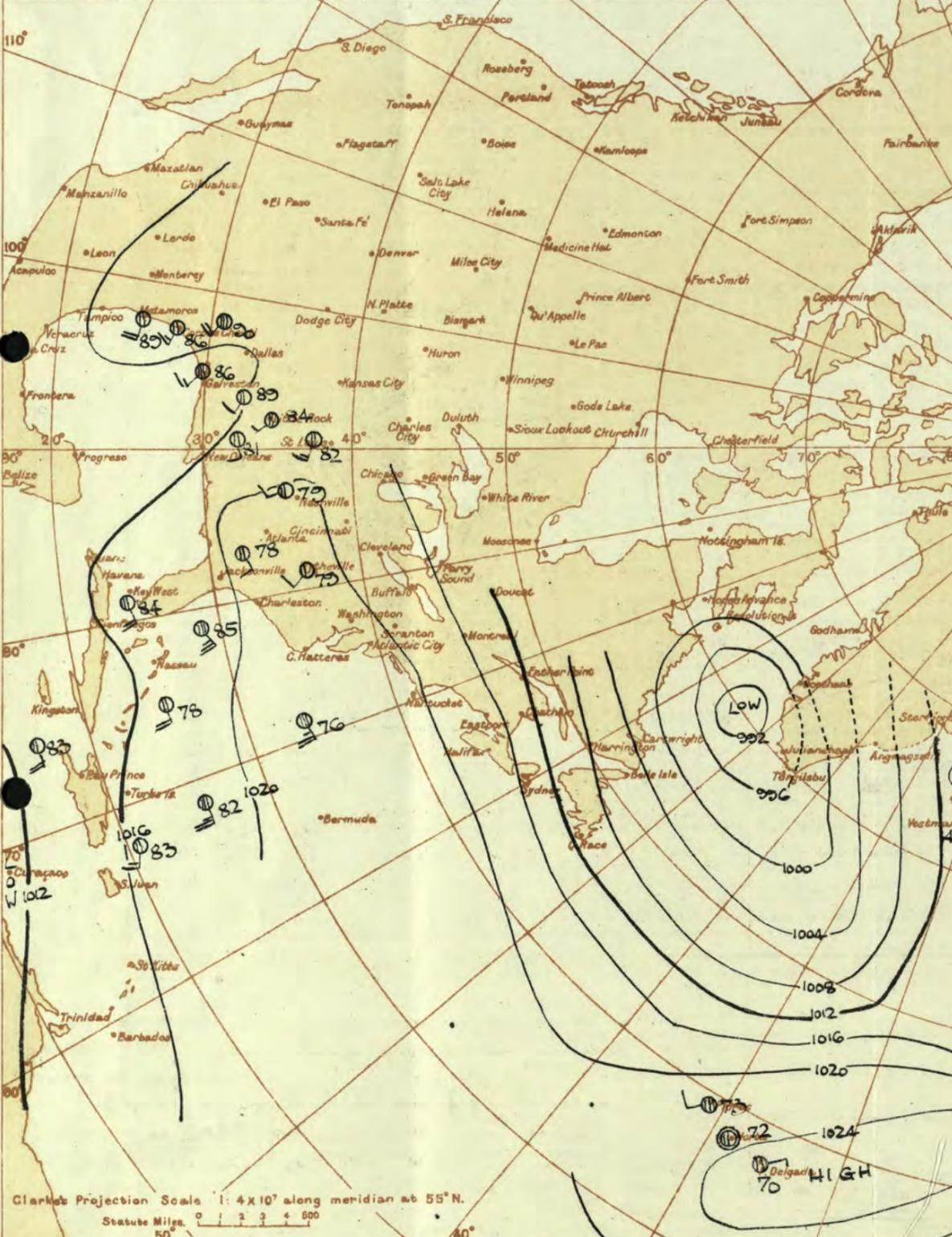
AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

Explanation of Frontal Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



Morning of
 Saturday 30th August
 1941.



Clark'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. Δ Hail. Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. † Slight haze. ☁
 Hours of observation: —Azores, Greenland, Ships, oh, G.M.T. America and Europe, mainly th, G.M.T.; U.S.S.R. (Europe and Asia), th, local time.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table with columns for District, Stations, Observations at 1 hr. G.M.T., Observations at 7 hr. G.M.T., and Past 24 Hours. Includes data for London (Kew), Croydon, Birmingham, etc.

LONDON OBSERVATIONS table with columns for Day 7h-18h, 9h-18h, 9h-21h, and 24 hrs. ended 9h. Includes data for Kew, Croydon, Greenwich, etc.

Table with columns for Weather, Temperature, Rainfall, Humidity, Atmospheric Pollution, and South Kensington. Includes data for various weather conditions and pollution levels.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed instructions for interpreting the data in columns 2, 16, 4, 8, 22, 30, 34, and 35.

FOREIGN OBSERVATIONS table with columns for Stations, Barom., Wind, Weather, Temp., and Rainfall. Includes data for Reykjavik, Lisbon, Madrid, etc.

Table with columns for Evening of 29th August, Morning of 30th August, and Past 24 Hours. Includes data for various weather conditions and pollution levels.

Table with columns for Beaufort No., Statute m/h, and Rainfall. Includes data for various weather conditions and pollution levels.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Sunday 31st August 1941.
No. 29,137

OBSERVATIONS at 13h. G.M.T. 30th August

OBSERVATIONS at 18h. G.M.T. 30th August

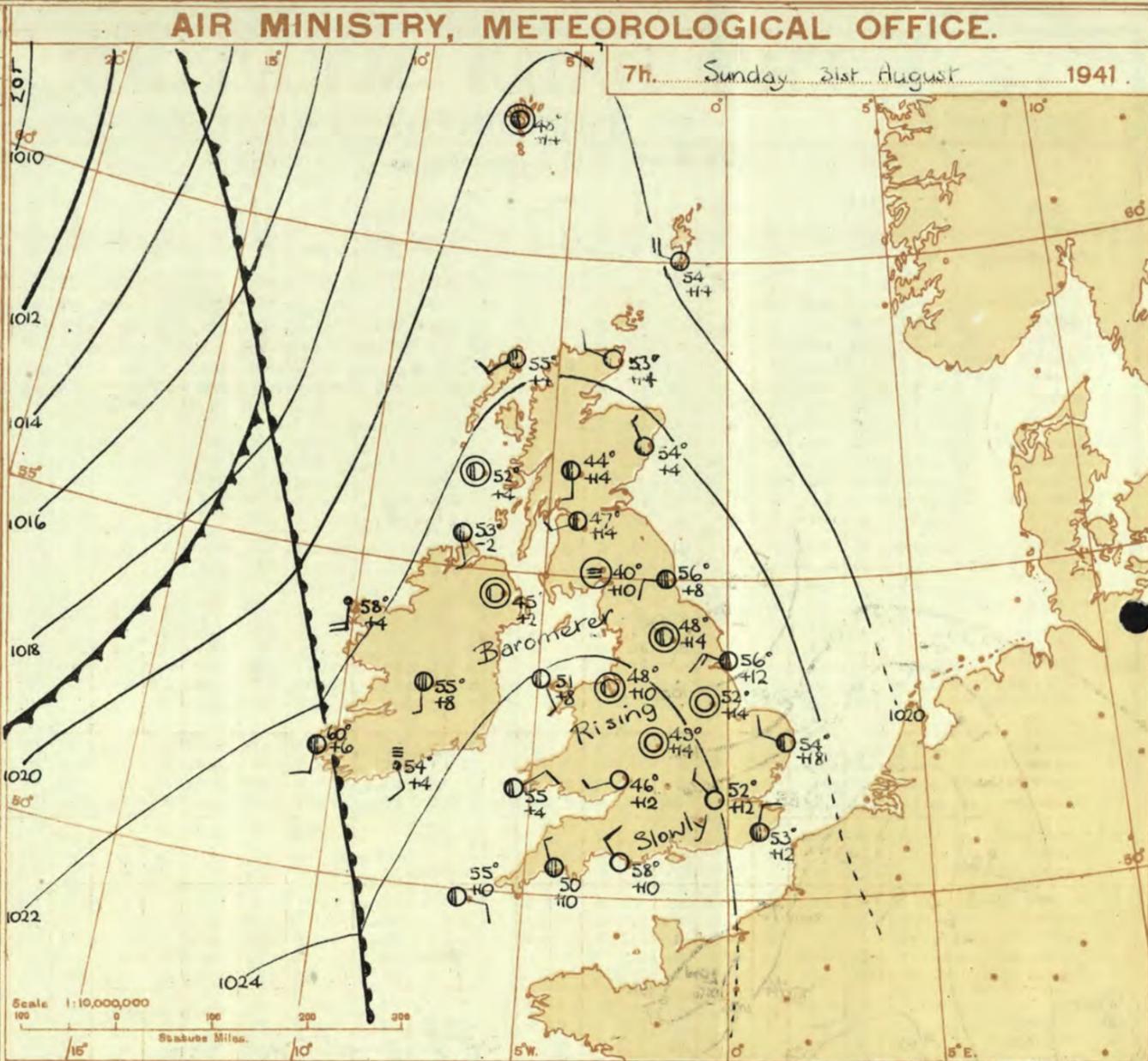
PAST 24 HOURS.

| Dist. | Stations | Barom. at M.S.L. (1) | Change in 3 hours (2) | Wind (3, 4) | | Weather (5) | Temp. (6) | Humid. (7) | Visibility (8) | Cloud (9-14) | | | | Barom. at M.S.L. (15) | Change in 3 hours (16) | Wind (17, 18) | | Weather (19) | Temp. (20) | Humid. (21) | Visibility (22) | Cloud (23-28) | | | | State of Ground (29) | Sea (30) | WEATHER (31-34) | | | | | | | | |
|-------|---------------------|----------------------|-----------------------|-------------|-------|-------------|-----------|------------|----------------|--------------|--------|-----------------------|------|-----------------------|------------------------|---------------|-----------------------|--------------|------------|-------------|-----------------|---------------|-------|------|--------|----------------------|----------|-----------------------|----------|-----------|-----------|---------|-----------|----------|------|------|
| | | | | Dir. | Force | | | | | Form | Amount | Height of Base (feet) | Form | | | Amount | Height of Base (feet) | | | | | Dir. | Force | Form | Amount | | | Height of Base (feet) | 7h.-13h. | 13h.-18h. | 18h. 30th | 1h.-7h. | | | | |
| | | | | (3) | (4) | | | | | (9) | (10) | (11) | (12) | | | (13) | (14) | | | | | (17) | (18) | (23) | (24) | | | (25) | (26) | (27) | (28) | (37) | (38) | (39) | (40) | |
| 1 | London (Kew) ... | 1013.2 | +10 | NW | 3 | c | 64 | 55 | 8 | 9 | - | 3 | 3 | 2500 | 1016.1 | +20 | NW | 2 | bc | 64 | 65 | 7 | 5 | 3 | - | 2-3 | 2-3 | 4000 | 1 | * | cmbwcy | cbcybc | bcbbmaw | bmaw | | |
| | Croydon ... | 1012.9 | +10 | NW | 3 | c | 64 | 65 | 8 | 8 | - | 4 | 3 | 3000 | 1015.5 | +16 | NW | 3 | bc | 64 | 65 | 7 | 2 | 6 | - | 2-3 | 2-3 | 3000 | 1 | * | cbc | c | bcbbmaw | bmaw | | |
| | S. Farnborough | 1013.4 | +14 | NW | 3 | c | 68 | 55 | 8 | 7 | - | 3 | 3 | 3000 | 1016.4 | +20 | NW | 3 | bc | 65 | 65 | 8 | 4 | 4 | - | 1 | 2-3 | 3500 | 0 | * | bccy | cybeb | bw | bmaw | | |
| | Boscombe Down | 1013.3 | +14 | NW | 3 | c | 65 | 55 | 7 | 8 | - | 7 | 8 | 3000 | 1017.0 | +16 | NW | 3 | bc | 63 | 65 | 8 | 1 | 4 | - | 2-3 | 2-3 | 3000 | 0 | * | bmbc | bey | bcbm. | bcbmaw | | |
| | Thorney Island | 1013.2 | +10 | NW | 3 | c | 68 | 65 | 8 | 1 | - | 2 | 3 | 4000 | 1016.2 | +18 | NW | 2 | bc | 65 | 65 | 8 | 4 | - | 1 | 1 | 4000 | 0 | * | bmwbc | cbcb | bbm. | fbmaw | | | |
| | Lympe | 1013.7 | +10 | NW | 3 | c | 63 | 65 | 7 | 8 | - | 3 | 3 | 3500 | 1016.0 | +20 | NW | 1 | bc/pr | 60 | 65 | 7 | 2 | 6 | - | 1 | 2-3 | 4000 | 1 | 3 | cbc | cbgbc | cpr,bcbm. | bmaw | | |
| | Manston | 1012.1 | +10 | NW | 3 | c | 63 | 65 | 8 | 8 | - | 3 | 3 | 5000 | 1014.9 | +10 | NW | 1 | bc | 60 | 62 | 6 | 8 | - | - | - | 4-6 | 4-6 | 6000 | 1 | * | cbm | cbm | bcf,mbcb | bmaw | |
| 2 | Shoeburyness ... | 1012.6 | +10 | NW | 3 | c | 65 | 65 | 8 | 5 | 3 | - | 7 | 8 | 4000 | 1015.2 | +18 | NW | 3 | bc/pr | 61 | 65 | 8 | 8 | - | - | - | 3 | 3 | 800 | 1 | * | cbm | cbm | cbp | cbcb |
| | Felixstowe ... | 1011.1 | +10 | NW | 2 | c/pr | 62 | 65 | 8 | 8 | 3 | - | 4 | 3 | 2500 | 1014.3 | +18 | NW | 3 | bc | 62 | 65 | 8 | 2 | 6 | - | 1 | 2-3 | 3000 | 1 | 1 | cbm | cbm | cpr,m | cbcb | |
| | Gorleston ... | 1011.4 | +14 | NW | 2 | c/pr | 62 | 75 | 7 | 1 | 3 | - | 4 | 3 | 2200 | 1014.6 | +12 | NW | 2 | bc | 61 | 65 | 7 | 3 | - | - | 0 | TF | - | 0 | 2 | * | cbm | cbm | cbcb | cbcb |
| | Mildenhall ... | 1011.6 | +12 | NW | 2 | c/pr | 62 | 85 | 7 | 8 | - | 7 | 8 | 2000 | 1015.1 | +24 | NW | 2 | bc/pr | 61 | 62 | 7 | 8 | 7 | - | 4 | 6 | 7-8 | 4000 | 1 | * | cbm | cbm | cbcb | cbcb | |
| | Cranwell ... | 1011.8 | +16 | NW | 4 | c/pr | 66 | 65 | 7 | 8 | 6 | - | 7 | 8 | 1500 | 1015.6 | +18 | NW | 0 | c | 62 | 75 | 7 | 8 | 6 | - | 4 | 6 | 2000 | 1 | * | bcm | bcy | cbcbm | cbcb | |
| 3 | Birmingham | 1014.0 | +18 | NW | 4 | c | 60 | 65 | 8 | 8 | - | 7 | 8 | 4000 | 1016.6 | +20 | NW | 4 | b | 61 | 65 | 8 | - | - | 1 | 0 | TF | - | 1 | * | bcb | bcb | b | bm | | |
| | Upper Heyford | 1013.1 | +16 | NW | 4 | c | 63 | 65 | 8 | 8 | - | 7 | 8 | 2200 | 1016.3 | +20 | NW | 3 | b | 61 | 75 | 8 | 4 | - | - | 1 | 1 | 3000 | 0 | * | bcb | bcb | bcbm | bm. | | |
| | Ross-on-Wye ... | 1014.6 | +18 | NE | 3 | c | 68 | 65 | 8 | 8 | - | 3 | 3 | 4000 | 1016.9 | +10 | NW | 3 | b | 64 | 65 | 8 | 4 | - | - | 1 | 1 | 4000 | 0 | * | bcb | bcb | bcb | bm.fg | | |
| 5 | Hartland Point | 1016.3 | +18 | NW | 2 | bc | 58 | 85 | 8 | 1 | 4 | - | 1 | 2 | 2000 | 1018.0 | +14 | NW | 3 | b | 59 | 85 | 8 | 1 | 3 | - | 1 | 2000 | 0 | 3 | bcb | bcb | bcb | bcb | | |
| | Bristol ... | 1015.0 | +14 | NW | 4 | bc | 66 | 65 | 8 | 1 | 6 | - | 7 | 8 | 3500 | 1017.2 | +12 | NW | 2 | bc | 64 | 65 | 8 | 1 | 6 | 1 | 2 | 2-3 | 3500 | 1 | 3 | bcb | bcb | bcbm | bcbm | |
| | Portland Bill ... | 1014.7 | +18 | NW | 2 | bc | 66 | 85 | 8 | 1 | - | - | 2 | 3 | 4150 | 1017.8 | +18 | NW | 2 | bc | 64 | 85 | 8 | 5 | - | - | 2 | 2-3 | 4000 | 0 | 3 | bcb | bcb | bcb | bcb | |
| | Plymouth | 1016.0 | +16 | NW | 4 | bc | 67 | 55 | 8 | 1 | - | - | 2 | 3 | 3500 | 1019.1 | +16 | NW | 4 | b | 64 | 67 | 8 | 1 | - | - | 1 | 1 | 3500 | 0 | 3 | bcb | bcb | bcbm | bcbm | |
| | The Lizard | 1016.1 | +16 | NW | 2 | bc | 60 | 85 | 8 | 8 | 6 | - | 4 | 6 | 2500 | 1019.6 | +14 | WSW | 2 | bc | 63 | 65 | 8 | 7 | - | - | 2 | 2-3 | 4000 | 1 | 3 | cbc | bc | bcb | bcb | |
| | Scilly (St. Mary's) | 1017.0 | +18 | NW | 2 | bc | 60 | 85 | 8 | 5 | 4 | - | 2 | 3 | 1500 | 1020.2 | 0 | NE | 2 | b | 60 | 85 | 8 | 1 | - | 2 | 1 | 1800 | 1 | 2 | cb | cb | bcb | bcb | | |
| | Guernsey ... | 1017.0 | +18 | NW | 2 | bc | 60 | 85 | 8 | 5 | 4 | - | 2 | 3 | 1500 | 1020.2 | 0 | NE | 2 | b | 60 | 85 | 8 | 1 | - | 2 | 1 | 1800 | 1 | 2 | cb | cb | bcb | bcb | | |
| 6 | Pembroke ... | 1018.2 | +16 | NW | 3 | bc | 61 | 85 | 8 | 1 | 6 | - | 2 | 3 | 3000 | 1020.3 | +14 | NW | 2 | bc | 60 | 85 | 8 | - | 4 | - | 0 | 2-3 | - | 0 | 3 | bcb | bcb | bcb | bcb | |
| | Holyhead (Valley) | 1015.6 | +22 | NW | 5 | bc | 62 | 65 | 8 | 8 | 4 | - | 1 | 1 | 2500 | 1018.6 | +14 | NW | 2 | bc | 60 | 75 | 8 | 2 | 6 | 4 | 1 | 2-3 | 3000 | 0 | 2 | bcb | bcb | bcb | bcb | |
| | Chester (Sealand) | 1014.4 | +22 | NW | 5 | bc | 61 | 75 | 8 | 8 | 4 | - | 3 | 3 | 1600 | 1017.3 | +14 | NW | 4 | bc | 60 | 75 | 8 | 2 | 6 | 2 | 2 | 2-3 | 2000 | 0 | * | cbc | cbc | bcb | bcb | |
| | Manchester | 1013.6 | +20 | NW | 4 | bc | 63 | 75 | 8 | 8 | 4 | - | 4 | 6 | 2500 | 1016.7 | +18 | NW | 4 | bc | 61 | 75 | 8 | 2 | 3 | 5 | 1 | 2-3 | 2800 | 0 | * | cbc | cbc | bcb | bcb | |
| 10 | Spurn Head ... | 1011.6 | +18 | NW | 3 | bc | 62 | 75 | 7 | - | - | - | 0 | 0 | - | 1014.9 | +40 | NW | 4 | c | 60 | 75 | 7 | 5 | 7 | - | 7 | 8 | 4000 | 0 | 3 | c | c | b | cm | |
| | Catterick ... | 1012.1 | +22 | NW | 0 | c | 63 | 75 | 8 | 8 | 6 | - | 4 | 6 | 3800 | 1016.0 | +16 | NW | 0 | c | 60 | 85 | 6 | 4 | 3 | - | 1 | 4 | 3500 | 0 | * | cbc | cbm | bcb | cbm | |
| | Tynemouth ... | 1012.0 | +20 | NW | 1 | c | 59 | 75 | 8 | 8 | - | - | 7 | 8 | 3000 | 1015.8 | +20 | NW | 4 | bc | 58 | 75 | 8 | 2 | 3 | - | 4 | 4 | 2800 | 1 | 2 | cbc | cbc | bcb | c | |
| 11 | St. Abbs Head | 1012.1 | +32 | NW | 3 | c/pr | 55 | 85 | 8 | 5 | 4 | - | 7 | 8 | 2600 | 1015.4 | +10 | NW | 1 | c | 59 | 75 | 8 | 4 | 4 | - | 4 | 6 | 2500 | 0 | 1 | cbc | c | bcb | bcb | |
| | Leuchars | 1012.1 | +30 | NW | 3 | c/pr | 62 | 65 | 8 | 7 | - | - | 0 | 0 | 2800 | 1015.3 | +10 | NE | 1 | c | 61 | 75 | 8 | 8 | - | - | 3 | 3 | 3200 | 0 | 1 | bcb | c | bcb | bcb | |
| | Ronfrew (Abbots L.) | 1013.5 | +22 | NW | 4 | bc | 63 | 65 | 8 | 8 | - | - | 4 | 6 | 3500 | 1016.9 | +22 | NW | 4 | c | 62 | 65 | 8 | 8 | 4 | 8 | 2 | 2-3 | 3500 | 0 | * | bc | bcb | bcb | bcb | |
| | Eskdalemuir ... | 1012.7 | +22 | NW | 3 | bc | 59 | 65 | 8 | 8 | - | - | 7 | 8 | 2500 | 1016.0 | +20 | NW | 2 | bc | 60 | 75 | 8 | 8 | 4 | 1 | 2 | 2-3 | 2500 | 1 | * | bcb | bc | bcb | bcb | |
| | Point of Ayre ... | 1014.7 | +24 | NW | 5 | bc | 63 | 75 | 8 | 4 | - | - | 1 | 1 | 2500 | 1017.6 | +22 | NW | 5 | bc | 59 | 85 | 8 | 4 | - | - | 1 | 4 | 2500 | 0 | 4 | bcb | bcb | bcb | bcb | |
| 13a | Tiree ... | 1016.2 | +20 | NW | 2 | bc | 60 | 75 | 8 | 1 | 3 | 5 | 1 | 2 | 3500 | 1019.1 | +12 | NW | 2 | bc | 58 | 85 | 8 | 1 | 3 | 6 | 1 | 2 | 3500 | 0 | 2 | cbc | bc | bcb | bcb | |
| 13b | Stornoway ... | 1015.1 | +22 | NW | 3 | bc | 58 | 75 | 8 | 5 | 7 | - | 7 | 8 | 2000 | 1018.8 | +12 | NW | 3 | c/pr | 55 | 92 | 8 | 5 | 7 | - | 7 | 8 | 2000 | 1 | 2 | cbc | bc | bcb | bcb | |
| 15 | Dalwhinnie | 1014.6 | +24 | NW | 2 | bc | 56 | 75 | 8 | 5 | - | - | 3 | 3 | 2500 | 1017.7 | +24 | NW | 2 | c | 55 | 75 | 8 | 8 | - | 8 | 7 | 8 | 2500 | 0 | * | c | cbc | bcb | bcb | |
| | Aberdeen ... | 1012.0 | +28 | NW | 3 | bc | 60 | 75 | 7 | 8 | - | - | 3 | 3 | 1800 | 1015.6 | +24 | NW | 3 | c | 58 | 75 | 7 | 8 | - | 8 | 7 | 8 | 3000 | 1 | 2 | cbc | cbc | bcb | bcb | |
| | Wick ... | 1012.7 | +28 | NW | 3 | bc | 60 | 85 | 8 | 8 | - | - | 4 | 6 | 2000 | 1016.0 | +18 | NW | 3 | c/pr | 58 | 92 | 8 | 8 | - | 8 | 10 | 800 | 1 | 4 | cbc | cbc | bcb | bcb | | |
| | Sumburgh ... | 1010.5 | +22 | NW | 3 | bc | 59 | 85 | 8 | 2 | 3 | - | 2 | 3 | 2000 | 1013.1 | +16 | NW | 3 | c | 56 | 92 | 8 | 5 | - | - | 3 | 3 | 2500 | 1 | * | bc | c | bcb | bcb | |
| 17 | Blacksod Point ... | 1017.7 | +12 | - | 0 | c | 61 | 65 | 8 | 2 | 5 | 4 | 2 | 3 | 2500 | 1019.1 | +10 | NW | 1 | c | 60 | 75 | 8 | - | 5 | - | 0 | 7-8 | - | 0 | 1 | bc | | | | |

Abridged observations of additional stations in the
AVIATION WEATHER CODE

| 13h. G.M.T. 30th August | | | 18h. G.M.T. | | | 01h. G.M.T. 31st August | | | 07h. G.M.T. | | | |
|-------------------------|----------------|--------------------|-------------|----------------|--------------------|-------------------------|----------------|--------------------|-------------|----------------|--------------------|-------|
| III | C _M | wwVhN _p | DDFWN | C _M | wwVhN _p | DDFWN | C _M | wwVhN _p | DDFWN | C _M | wwVhN _p | DDFWN |
| 109 | 83 | 02855 | 29326 | 8- | 03748 | 27328 | 5- | 02777 | 24327 | 5- | 02847 | 24427 |
| 115 | 52 | 82634 | 28487 | 51 | 02834 | 28387 | 52 | 02834 | 26327 | 52 | 02934 | 26227 |
| 203 | | | | 3- | 02938 | 04128 | 5- | 02847 | 26327 | 5- | 02948 | 26328 |
| 206 | 8- | 81957 | 30287 | 8- | 02867 | 28287 | 5- | 02867 | 00027 | 5- | 02867 | 28227 |
| 2108 | | 02867 | 30387 | 8- | 81967 | 26327 | 5- | 02867 | 27327 | 5- | 02867 | 22227 |
| 220 | 51 | 02700 | 27328 | 53 | 01954 | 28204 | | | | 53 | 01853 | 00015 |
| 230 | 83 | 02945 | 27115 | 84 | 01953 | 27214 | 60 | 00852 | 00012 | 5- | 02856 | 00016 |
| 245 | 8- | 02956 | 31120 | 8- | 54747 | 28287 | 5- | 05675 | 24215 | 54 | 02965 | 24126 |
| 260 | 2- | 02957 | 2927- | 86 | 01963 | 28114 | | | | 53 | 02824 | 23115 |
| 278 | 86 | 01963 | 28514 | 50 | 00851 | 52402 | 50 | 00851 | 25311 | 50 | 00832 | 00013 |
| 279 | 26 | 01864 | 28314 | 26 | 01863 | 27314 | 00 | 00790 | 00010 | 5- | 02756 | 26226 |
| 285 | 23 | 02855 | 26516 | | | | | | | | | |
| 288 | 8- | 05045 | 03226 | 86 | 05565 | 32215 | 5- | 45368 | 28148 | 50 | 05664 | 19144 |
| 57 | 55- | 02965 | 28225 | 43 | 01863 | 24214 | 03 | 01890 | 00015 | 50 | 02884 | 00024 |
| 301 | 2+ | 00852 | 29412 | 20 | 00861 | 28402 | 50 | 00743 | 28203 | 13 | 00853 | 26203 |
| 321 | 86 | 02754 | 27325 | 56 | 01764 | 31184 | 04 | 47290 | 24141 | 53 | 45372 | 20144 |
| 299 | 77 | 00753 | 30313 | | | | | | | 50 | 01753 | 26303 |
| 295 | 8- | 02956 | 28227 | 54 | 01773 | 30113 | 5- | 01764 | 00004 | 50 | 08464 | 00044 |
| 310 | -- | 01656 | 24416 | | | | | | | | | |
| 614 | 83 | 05655 | 27326 | 86 | 05664 | 24385 | 50 | 05664 | 24314 | 04 | 47390 | 22201 |
| 333 | 26 | 01844 | 28414 | 26 | 01951 | 27314 | 05 | 01890 | 30103 | 54 | 00841 | 00002 |
| 334 | -- | 02755 | 28216 | -- | 02754 | 28215 | | | | | | |
| 340 | 2- | 02856 | 18860 | 40 | 00952 | 30302 | 03 | 00790 | 00001 | 54 | 00741 | 00001 |
| 136 | 26 | 01753 | 31383 | 26 | 01862 | 02315 | 5- | 02856 | 28316 | 03 | 05690 | 26217 |
| 338 | 51 | 01762 | 24415 | 04 | 41890 | 14412 | | | | | | |
| 350 | 86 | 02765 | 28416 | 26 | 26383 | 15664 | 00 | 05690 | 26210 | 00 | 41490 | 20240 |
| 368 | | | | | | | | | | | | |
| 379 | 80 | 01864 | 28414 | 26 | 00852 | 28312 | 01 | 05690 | 28302 | 00 | 00790 | 30210 |
| 390 | 8- | 02767 | 26327 | 86 | 01763 | 26284 | 00 | 05690 | 28210 | 00 | 05690 | 24400 |
| 382 | 80 | 02953 | 29415 | 40 | 00863 | 27313 | 00 | 05690 | 00000 | 00 | 00790 | 26100 |
| 438 | 80 | 01854 | 24414 | | | | | | | 50 | 01753 | 04313 |
| 430 | 20 | 01964 | 28314 | 46 | 00971 | 28211 | 00 | 00690 | 28200 | 00 | 00790 | 32200 |
| 409 | 10 | 00852 | 32312 | 14 | 00951 | 32201 | 04 | 00790 | 00001 | 03 | 01890 | 00003 |

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
 ww, W = Present and past weather—See M.O. 252.
 h, N_p = Height and amount of low cloud—See M.O. 252.
 N = Total amount of cloud—See M.O. 252.
 C_M = Form of low and medium cloud—See page 1.
 V = Visibility. F = Force of wind—See page 4.
 DD = Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).



| DISTRICTS. | FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 31st August, 1941. |
|---------------------------------|--|
| 1 S.E. England | |
| 2 E. England ... | |
| 3 E. Midlands ... | |
| 4 W. Midlands ... | |
| 5 S.W. England | Light variable or S. wind. Fair. Local morning fog. warmer. |
| 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. | |
| 13A. W. Scotland | Light variable wind becoming south light or moderate. Fair at first. |
| 13B. N.W. Scotland | Slight rain locally later. Warmer. |
| 14 Mid Scotland | |
| 15 N. E. Scotland | |
| 16 Orkneys and Shetlands | |
| 17 N. W. Ireland | Light or moderate south wind. Cloudy. Local rain. Local coast fog. |
| 18 N. E. Ireland | Warmer. |
| 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.

FRONTS, or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced in the following way—
 Warm Front on the Surface
 Warm Front above the ground
 Cold Front on the surface
 Cold Front above the ground
 Occluded Front (or Occlusion)
 Warm Occlusion
 Cold Occlusion
 Lines of Frontogenesis
 Short strokes across the frontal line indicate Frontolysis. (For explanation see page 3.)
 NOTE.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line.

GENERAL INFERENCE.
 An anticyclone centred over S.W. England is moving slowly east. Weather will be fair in most districts but there will be occasional rain in West Ireland extending later to East Ireland and West Scotland.

FURTHER OUTLOOK.
 Mainly fair for several days in the South and Midlands. becoming unsettled in the North.

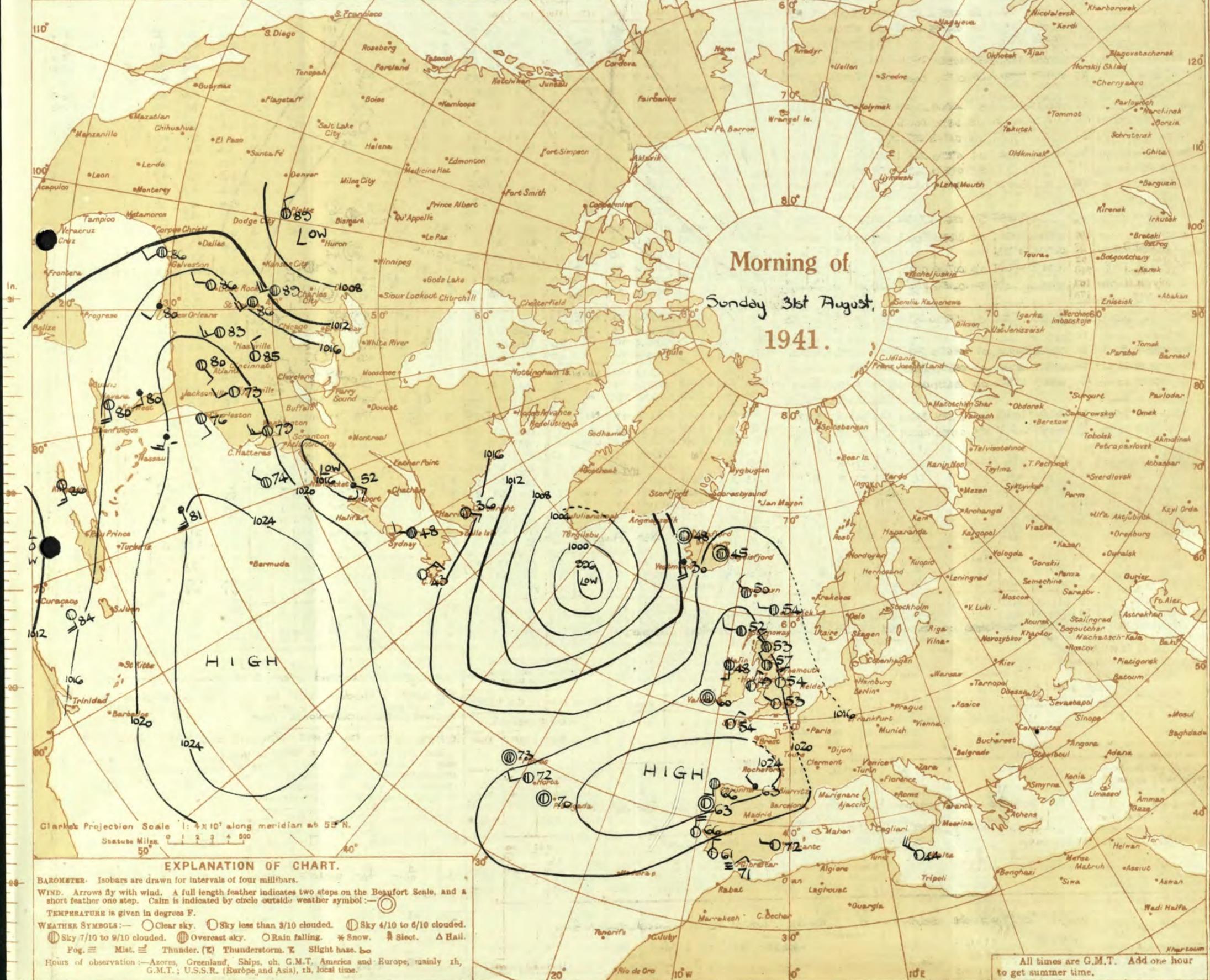
Forecasts issued at 10.30h. G.M.T.
 H.M.S.O. Press, Meteorological Office, Drinstable.

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

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

Explanation of Symbols and Lines shown on Charts

(The symbols used to indicate fronts are shown at the foot of page 2.)
Warm Front. The air mass which moves towards this boundary is normally of tropical or sub-tropical origin, while that which moves away from it is normally of polar, sub-polar or maritime polar origin.
Cold Front. The air mass which moves towards this boundary is normally of polar, etc., origin, while that which moves away from it is of tropical, etc., origin. In certain cases the boundary is not recognisable at the surface, but its existence is deduced from upper air observations. Such boundaries are indicated by special symbols.
Occlusion. The air between the warm and the cold fronts of a depression is of tropical or sub-tropical origin, and is known as the warm sector. The air in front of the warm front and in the rear of the cold front is of polar or maritime polar origin. During the life-history of the depression the warm sector is lifted from the earth's surface, until the cold front has overtaken the warm front. The depression is then said to be occluded, and at the surface the warm and cold fronts coalesce, becoming a single front known as the occluded front or occlusion. Occlusions the structure of which is tending to resemble warm or cold fronts are known as "warm" or "cold" occlusions.
Frontogenesis. A line along which a warm or cold front is in process of formation is known as a line of Frontogenesis. The nature of the development is indicated by the use of the "warm" or "cold" symbols widely spaced along the line.
Frontolysis is said to occur when a front is in process of dissolution.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

| DISTRICT. | STATIONS. | OBSERVATIONS at 1 hr. G.M.T. 31st August | | | | | | | | | | | | | OBSERVATIONS at 7 hr. G.M.T. 31st August | | | | | | | | | | | | | PAST 24 HOURS. | | | | | | | |
|-----------|-----------------------------|--|------------------|--------------------|-------|--------|----------|-----------|----------|-------------|--------|---------|------------------------|------------------|--|-------|---------|----------|-----------|----------|-------------|------------------------|-------|---------|------|------------------------|------|----------------|-------|---------------|------------|--------------|-----|------|------|
| | | 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. | | | Sea. | TEMPERATURE. | | RAINFALL. | | SUNSHINE Hrs. | | | | | |
| | | | | | Dir. | Force. | | | | | Form. | Amount. | Height of Base (feet). | | | Form. | Amount. | | | | | Height of Base (feet). | Form. | Amount. | | Height of Base (feet). | 0-9 | 7-18h | 18-7h | | Day 7h-18h | Night 18h-7h | | | |
| 1 | London (Kew) ... 18 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 66 | 50 | 37 | - | - | Tr | 7.6 | | | |
| | Croydon ... 217 | 1021.3 | +18 | NW | 2 | b | 53 | 92 | 6 | - | - | - | 0 | 0 | - | - | - | 52 | 97 | 6 | - | - | - | 0 | 0 | - | - | - | - | - | Tr | 8.1 | | | |
| | S. Farnborough ... 226 | 1021.7 | +18 | NW | 2 | b | 51 | 92 | 8 | - | - | - | 0 | 0 | - | - | - | 49 | 92 | 8 | - | - | - | 0 | 0 | - | - | - | - | - | Tr | 9.2 | | | |
| | Boscombe Down ... 417 | 1022.3 | +20 | NWN | 2 | z | 51 | 85 | 7 | - | - | - | 0 | 2.3 | - | - | - | 48 | 97 | 6 | - | - | - | 0 | Tr | - | - | - | - | - | Tr | 10.5 | | | |
| | Thorney Island ... 10 | 1021.6 | +18 | NW | 2 | z | 52 | 92 | 6 | - | - | - | 0 | 1 | - | - | - | 51 | 97 | 7 | - | - | - | 0 | 0 | - | - | - | - | - | * | | | | |
| | Lympe ... 346 | 1020.1 | +31 | NW | 3 | z | 53 | 97 | 6 | 5 | - | - | Tr | Tr | 6000 | - | - | 53 | 97 | 4 | 5 | - | - | 10 | 10 | 100 | 1 | 2 | 66 | 48 | 42 | Tr | 6.8 | | |
| | Manston ... 154 | 1020.3 | +18 | NW | 2 | z | 54 | 92 | 6 | 4 | - | - | 1 | 1 | 3000 | - | - | 50 | 97 | 6 | 5 | - | - | 7.8 | 7.8 | 800 | 0 | * | 67 | 51 | 44 | 0.1 | 7.2 | | |
| 2 | Shoeburyness ... 11 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 53 | 97 | 4 | 5 | - | - | - | 10 | 10 | 1500 | 1 | 2 | 68 | 49 | 40 | 2 | 1 | 5.7 |
| | Felixstowe ... 15 | 1019.4 | +18 | NW | 3 | b | 54 | 85 | 7 | - | - | - | 0 | 0 | - | - | - | 52 | 92 | 6 | 5 | 3 | 1 | Tr | 1 | 4.50 | 1 | 2 | 66 | 50 | 46 | 5 | - | 7.5 | |
| | Gorleston ... 5 | 1019.2 | +16 | NW | 2 | bc | 55 | 92 | 6 | 5 | - | - | 10 | 10 | 1500 | - | - | 54 | 75 | 7 | 5 | - | - | 2.3 | 2.3 | 2500 | 0 | 2 | 64 | 53 | 43 | - | - | * | |
| | Mildenhall ... 19 | 1020.5 | +18 | N | 1 | bc | 50 | 97 | 5 | - | - | - | 0 | 0 | - | - | - | 50 | 97 | 5 | 5 | - | - | 9 | 9 | 5700 | 1 | * | 66 | 45 | 38 | 2 | Tr | 3.8 | |
| | Cranwell ... 240 | 1020.7 | +16 | NW | 2 | bc | 53 | 85 | 6 | - | - | - | 0 | 0 | - | - | - | 52 | 92 | 5 | - | - | - | 0 | 0 | - | 1 | * | 67 | 49 | 47 | - | - | 4.8 | |
| 3 | Birmingham ... 535 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 49 | 92 | 4 | - | - | - | - | 0 | 0 | - | 1 | * | 64 | 47 | 34 | - | Tr | 10.4 |
| | Upper Heyford ... 408 | 1021.4 | +18 | NW | 3 | z | 51 | 92 | 6 | - | - | - | 0 | 0 | - | - | - | 50 | 92 | 6 | - | - | - | 0 | 0 | - | 1 | * | 65 | 47 | * | - | - | * | |
| 4 | Ross-on-Wye ... 223 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 46 | 92 | 8 | - | - | - | - | 0 | 0 | - | 0 | * | 66 | 42 | 38 | - | - | 10.2 |
| 5 | Hartland Point ... 299 | 1022.8 | +16 | N | 2 | bc | 57 | 92 | 8 | 1 | - | - | 2.3 | 2.3 | 400 | - | - | 57 | 85 | 8 | 1 | 3 | - | Tr | 4.6 | 2500 | 0 | 3 | 61 | 55 | 51 | - | - | 11.0 | |
| | Bristol ... 209 | 1022.5 | +14 | W | 1 | bc | 52 | 97 | 7 | 5 | - | - | 4.6 | 4.6 | 3500 | - | - | 50 | 97 | 8 | - | 3 | 1 | 0 | 2.3 | - | 1 | * | 68 | 45 | 36 | - | 1 | 9.6 | |
| | Portland Bill ... 32 | 1022.4 | +20 | NNW | 2 | b | 58 | 92 | 8 | - | - | - | 0 | 0 | - | - | - | 58 | 85 | 8 | - | - | - | 0 | 0 | - | 1 | 3 | 67 | 55 | * | - | - | * | |
| | Plymouth ... 82 | 1023.5 | +4 | - | 0 | bc | 52 | 97 | 6 | 5 | 3 | 2 | Tr | 2.3 | 800 | - | - | 50 | 97 | 6 | 5 | 3 | - | Tr | 7.8 | 100 | 1 | 1 | 68 | 48 | 42 | - | - | 11.3 | |
| | The Lizard ... 240 | 1023.3 | +12 | N | 3 | bc | 54 | 97 | 8 | 7 | - | - | 2.3 | 2.3 | 2500 | - | - | 54 | 97 | 8 | 7 | - | - | 2.3 | 2.3 | 2500 | 0 | 1 | 69 | 52 | * | Tr | 9.4 | | |
| | Seilly (St. Mary's) ... 163 | 1023.4 | +12 | NEN | 1 | bc | 54 | 97 | 8 | - | - | - | 0 | 1 | - | - | - | 55 | 97 | 8 | 5 | 4 | - | 2.3 | 2.3 | 1800 | 1 | 2 | 62 | 51 | * | 0.3 | 7.4 | | |
| | Guernsey ... 175 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 55 | 97 | 8 | - | 3 | - | 0 | 4.6 | - | 0 | 2 | 63 | 52 | * | - | - | 12.6 | |
| 6 | Pembroke ... 142 | 1023.3 | +8 | NW | 3 | bc | 56 | 92 | 8 | - | - | - | 0 | 2.3 | - | - | - | 51 | 97 | 8 | 8 | 6 | 9 | Tr | 4.6 | 3000 | 0 | 1 | 64 | 44 | * | - | - | * | |
| 7 | Holyhead (Valley) ... 26 | 1022.7 | +18 | NNE | 1 | z | 49 | 97 | 6 | - | - | - | 4 | 0 | 4.6 | - | - | 48 | 92 | 8 | 2 | 3 | - | Tr | 1 | 3000 | 1 | * | 63 | 43 | 37 | 0.2 | - | 8.0 | |
| | Chester (Sealand) ... 16 | 1022.1 | +16 | NW | 2 | bc | 51 | 92 | 7 | - | - | - | 0 | 2.3 | - | - | - | 50 | 97 | 4 | - | - | - | 0 | 4.6 | - | 1 | * | 65 | 47 | 40 | Tr | - | 9.3 | |
| 8 | Manchester ... 70 | 1021.7 | +20 | WSW | 1 | z | 54 | 97 | 6 | - | - | - | 0 | 4.6 | - | - | - | 50 | 97 | 4 | - | - | - | 0 | 4.6 | - | 1 | * | 65 | 47 | 40 | Tr | - | 9.3 | |
| 10 | Spurn Head ... 29 | 1020.1 | +20 | NW | 3 | b | 54 | 92 | 7 | - | - | - | 0 | 0 | - | - | - | 56 | 85 | 6 | 5 | - | - | 9 | 9 | 4000 | 0 | 3 | 63 | 53 | * | - | - | 5.3 | |
| | Catterick ... 175 | 1021.3 | +18 | - | 0 | bc | 50 | 97 | 3 | 5 | 3 | 1 | 4.6 | 7.8 | 4500 | - | - | 48 | 97 | 6 | 5 | - | - | 1 | 2.3 | 3500 | 0 | * | 66 | 44 | 37 | Tr | - | 2.8 | |
| | Tynemouth ... 108 | 1021.0 | +14 | NW | 2 | c | 57 | 75 | 6 | 5 | - | - | 9 | 9 | 2500 | - | - | 56 | 85 | 6 | 8 | 3 | - | 4.6 | 7.8 | 3400 | 1 | 2 | 62 | 55 | 50 | Tr | - | * | |
| 11 | St. Abbs Head ... 280 | 1020.7 | +28 | N | 1 | bc | 56 | 85 | 8 | 4 | 4 | - | 4.6 | 4.6 | 2500 | - | - | 55 | 85 | 9 | 5 | 6 | - | 7.8 | 9 | 3100 | 0 | 1 | 61 | 53 | * | 0.1 | - | * | |
| | Leuchars ... 36 | 1020.0 | +18 | W | 2 | c | 53 | 97 | 9 | 4 | - | - | 9 | 9 | 2800 | - | - | 53 | 85 | 8 | 5 | - | - | 4.6 | 4.6 | 4500 | 0 | * | 65 | 50 | 44 | - | - | 2.1 | |
| 12 | Renfrew (Abbots) ... 19 | 1020.8 | +14 | WSW | 3 | b | 51 | 85 | 6 | 5 | 3 | 1 | Tr | 2.3 | 4500 | - | - | 47 | 97 | 7 | 5 | 3 | 1 | 1 | 2.3 | 4000 | 0 | * | 66 | 43 | 34 | - | - | 11.6 | |
| | Eskdalemuir ... 794 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 40 | 92 | 2 | - | - | - | 10 | 10 | 1500 | 1 | * | 66 | 38 | 31 | Tr | - | - | 8.6 |
| | Point of Ayre ... 30 | 1021.7 | +16 | NNW | 4 | b | 55 | 92 | 8 | - | - | - | 0 | Tr | - | - | - | 51 | 97 | 8 | 5 | 3 | 3 | 1 | 2.3 | 2500 | 0 | 1 | 63 | 46 | * | - | - | 11.4 | |
| 13A | Tiree ... 22 | 1021.6 | +4 | - | 0 | bc | 50 | 92 | 8 | 5 | - | - | 2.3 | 2.3 | 3500 | - | - | 52 | 92 | 8 | 5 | 3 | - | 2.3 | 4.6 | 3500 | 0 | 2 | 61 | 46 | * | Tr | - | 7.5 | |
| 13B | Stormway ... 80 | 1020.9 | +6 | W | 2 | c | 52 | 92 | 7 | 5 | 7 | - | 7.8 | 9 | 2000 | - | - | 55 | 85 | 8 | 5 | 7 | - | 4.6 | 9 | 2500 | 1 | 1 | 58 | 51 | * | - | - | 0.2 | |
| 15 | Dalwhinnie ... 1176 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 44 | 97 | 8 | 5 | - | - | - | 9 | 9 | 2500 | 1 | * | 57 | 36 | 29 | 0.2 | - | 0.2 |
| | Aberdeen ... 79 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 54 | 85 | 8 | 5 | - | - | - | 9 | 9 | 2600 | 1 | 1 | 61 | 52 | 49 | 2 | - | 3.1 |
| | Wick ... 119 | 1019.6 | +14 | WN | 3 | c | 54 | 97 | 8 | 5 | - | - | 10 | 10 | 2500 | - | - | 54 | 92 | 9 | 5 | - | - | 4.6 | 4.6 | 4000 | 1 | * | 61 | 51 | * | - | - | * | |
| | Sumburgh ... 30 | 1017.0 | +14 | NW | 3 | c | 54 | 97 | 7 | 5 | - | - | 10 | 10 | 2500 | - | - | 53 | 92 | 8 | 5 | - | - | 9 | 9 | 2500 | * | * | 61 | 53 | 52 | * | - | * | |
| 17 | Blacksod Point ... 18 | 1020.5 | 0 | NW | 1 | c | 53 | 92 | 8 | 4 | - | - | 7.8 | 7.8 | 1500 | - | - | 58 | 97 | 7 | 6 | - | - | 10 | 10 | 1500 | 1 | 3 | 64 | 53 | * | Tr | - | * | |
| 18 | Main Head ... 34 | 1021.4 | +6 | S | 1 | bc | 48 | 75 | 8 | 4 | - | - | 4.6 | 4.6 | 2500 | - | - | 53 | 85 | 8 | 4 | 5 | - | 4.6 | 7.8 | 5700 | 0 | 2 | 62 | 46 | * | Tr | - | 5.4 | |
| | Aldergrove ... 268 | 1022.6 | +10 | - | 0 | b | 45 | 97 | 7 | 5 | - | - | 1 | 1 | 4000 | - | - | 45 | 97 | 8 | 5 | 3 | - | Tr | 1 | 5000 | 1 | * | 61 | 42 | 35 | - | - | 3.4 | |
| 19 | Birr Castle ... 173 | 1021.8 | +10 | N | 1 | b | 52 | 92 | 8 | - | - | - | 0 | 0 | - | - | - | 55 | 85 | 8 | 5 | 1 | - | 7.8 | 9 | 4000 | 0 | * | 68 | 51 | 47 | - | - | 8.2 | |
| 20 | Valentia Obey. ... 30 | 1021.3 | +2 | - | 0 | bc | 60 | 92 | 7 | 5 | 7 | - | 7.8 | 10 | 1500 | - | - | 60 | 97 | 7 | 5 | - | - | 10 | 10 | 450 | 1 | | | | | | | | |