

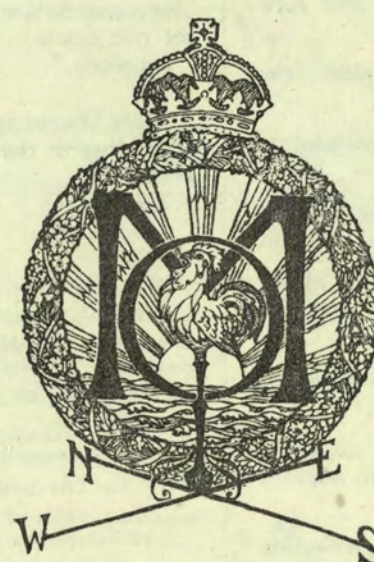
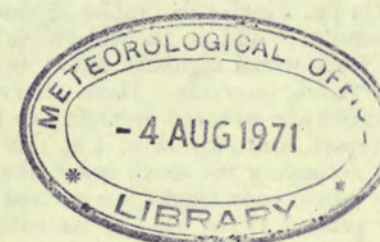
DUPLICATE

# THE DAILY WEATHER REPORT

BRITISH SECTION

1st July to 30th September

1940



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



# INTRODUCTION

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

## NOTES REGARDING THE BRITISH SECTION.

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

(a) On pp. 1 and 4 two tables of observations taken generally at 13h. and 18h. G.M.T. of "yesterday," and at 1h. and 7h. G.M.T. of "to-day" from about 45 stations in the British Isles, which regularly report to the Meteorological Office, and of the weather in the intervening intervals. These observations are telegraphed in a figure and letter code. The stations are arranged according to Forecast Districts as described at the foot of p. 2 of the report, and also on p. 4 of this Introduction. Whenever it is possible to do so without occupying too much space, the decoded values are set out in full in the table; in other cases, code figures are entered; these are interpreted by reference first to the number printed at the head of the column, and then to the Explanation printed at the foot of pp. 1 and 4, where the column numbers are shown in connexion with each of the separate classes of observation.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## THE INTERNATIONAL AND UPPER AIR SECTIONS.

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

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

(a) Two weather maps (Scale 1 : 20,000,000) for Europe, the Mediterranean and Eastern Atlantic for 18h. yesterday and 7h. to-day.

(b) Two inset maps (Scale 1 : 20,000,000) for Northwest Europe for 13h. yesterday and 1h. to-day.

(c) Table of meteorological observations taken at about 80 stations, mostly on the Continent of Europe (not for the British Isles).

(d) Table of meteorological observations received by Wireless Telegraphy from Ships on the Northern Atlantic.

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

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

## THE BEAUFORT SCALE OF WIND FORCE

Beaufort Number.	Admiral Beaufort's General Description of Wind.	Specification for use on Land, based on observations made at British Land Stations.	Limits of Mean Velocities Statute Miles per Hour as recorded by well exposed anemometers about 40 feet above ground.
0	Calm ...	Calm; smoke rising vertically ...	Less than 1
1	Light air ...	Direction of wind shown by smoke drift ...	1-3
2	Slight breeze ...	Wind felt on face; leaves rustle ...	4-7
3	Gentle breeze ...	Leaves and small twigs in constant motion; wind extends light flag ...	8-12
4	Moderate breeze ...	Raises dust and loose paper; small branches are moved ...	13-18
5	Fresh breeze ...	Small trees in leaf begin to sway; crested wavelets on inland waters ...	19-24
6	Strong breeze ...	Large branches in motion; whistling heard in telegraph wires ...	25-31
7	Moderate gale ...	Whole trees in motion; inconvenience felt when walking against wind ...	32-38
8	Fresh gale ...	Breaks twigs off trees; generally impedes progress ...	39-46
9	Strong gale ...	Slight structural damage occurs (chimney pots and slates removed) ...	47-54
10	Whole gale ...	Seldom experienced inland; trees uprooted ...	55-63
11	Storm ...	Very rarely experienced; accompanied by widespread damage ...	64-75
12	Hurricane ...	... ..	Above 75

## GALE WARNINGS

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

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

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

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

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

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

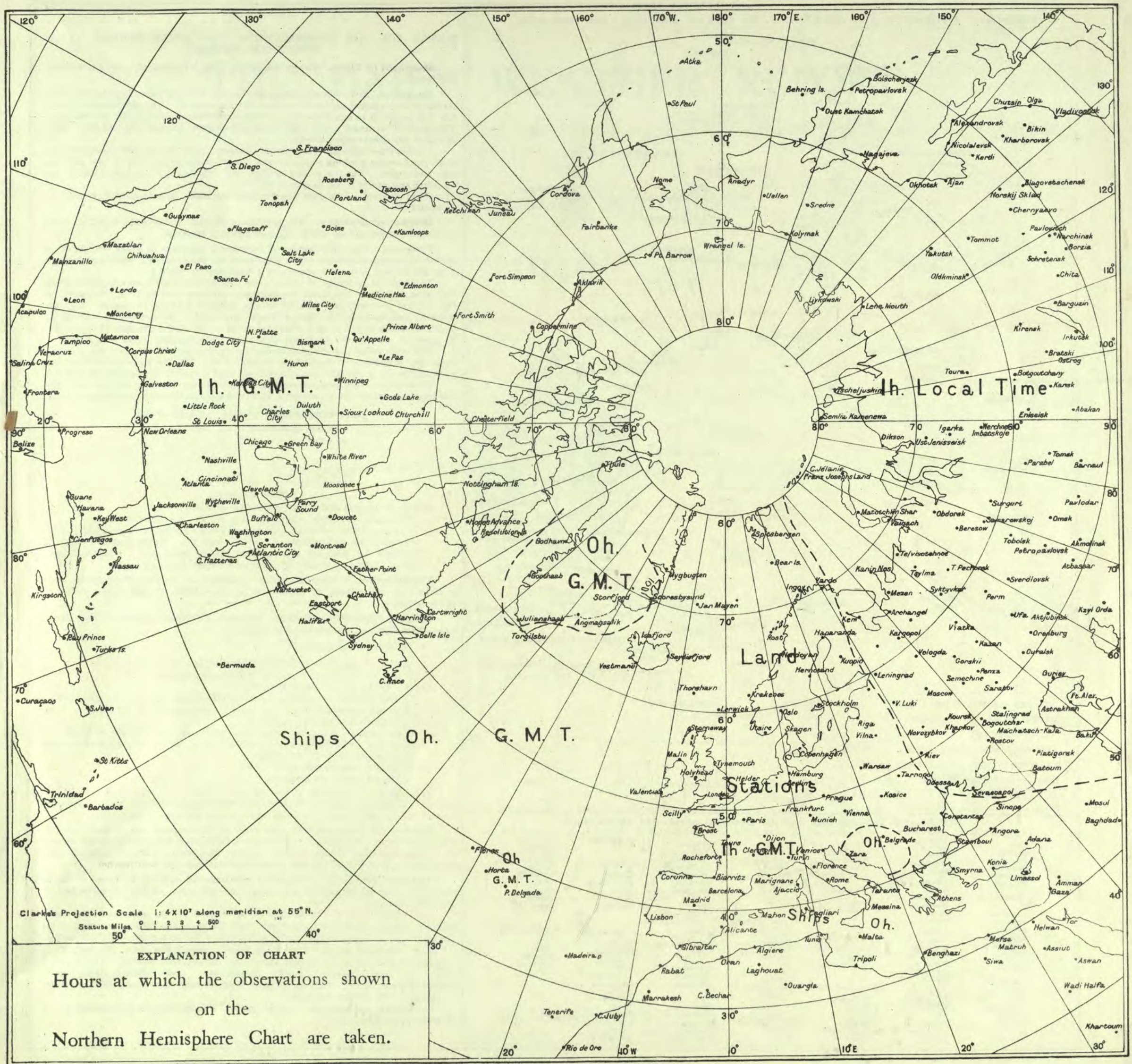
▲ North Cone hoisted :

▼ South Cone hoisted :

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

\* Note—The public issue of Gale Warnings is suspended for the duration of the war.





Clark's Projection Scale 1:4X10<sup>7</sup> along meridian at 55° N.

Statute Miles 0 1 2 3 4 500

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:— 115 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. Clackmannian. Kinross. Fife. Forfar.	13a. Scotland, N.W. Hebrides. Western parts of Inverness, Ross and Cromarty, Sutherland. (Boundary line runs from Rannoch Moor through Fort Augustus, Beaulieu and Laig to Melville.)	16. Orkneys and Shetlands.	19. Ireland, S.E. Waterford. Wexford. Kilkenny. Carlow. Wicklow. Offaly. Leix. 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. Kirkcubright. Wigtown. Ayr. Lanark. Renfrew. Dumbarton. Stirling.	14. Mid Scotland. Fife. Kincardine. Aberdeen. Banff. Elgin. Nairn. Caithness.	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.	7. Wales, N. Montgomery. Merioneth. Flint. Denbigh. Carnarvon. Anglesey.	10. England, N.E. Yorkshire, N. & E. Durham. Northumberland.	15. Scotland, N.E. Banff. Aberdeen. 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.		

**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.

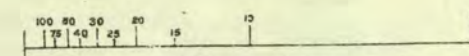
The wind at a height of 1,500–2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper 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 × 10<sup>7</sup> Charts.  
or 2 mb " " 1 : 10<sup>7</sup> " "



Miles per hour.

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 position of the stations.

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

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

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

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

where  $x$  is the vapour pressure in mb.

$F$  the saturation vapour pressure at the temperature of the dry bulb;

For air temperatures below 32° F. the value of  $F$  used is that appropriate to an ice surface.

$f$  the saturation vapour pressure at the temperature of the wet bulb;

For wet bulb temperatures below 32° F. the value of  $f$  used is that appropriate to an ice surface.

$t$  the dry bulb temperature; and

$t'$  the wet bulb temperature.

The entries in columns 7 and 21 are limited to 10, 25, 35, etc., to 85, 92 and 97. Entry 10 indicates that relative humidity is from 0 to 10; 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.





MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY  
SUPPLEMENT,

September 1940 No. 285

Page 1.

Cool. Rather unsettled especially in the North.\*

During the first week pressure was high in the South with fair and warm weather. Subsequently, depressions and associated troughs moving southeast from the neighbourhood of Iceland were the dominant features up to 28th, accompanied by strong, cool northwesterly winds and unsettled conditions, especially in the North. With the extension eastward of an anticyclone from the Atlantic, fairer and quieter weather prevailed at the end of the month.

The mean temperature for the month was on the whole rather below average. Maxima exceeded 80°F at a number of stations during the warm spell at the beginning after which very few even approached 70°F. The highest were 86°F at South Farnborough and Cranwell, and 85°F at Upper Heyford on the 4th.

Ground frosts were of rather frequent occurrence, as low as 20°F at Eskdalemuir on 29th. Screen minima below 32°F occurred on a few occasions, the lowest 27°F at Eskdalemuir on 29th, and 28°F at this station on 9th and at Abbotsinch on 29th. South Farnborough reported 31°F on 27th.

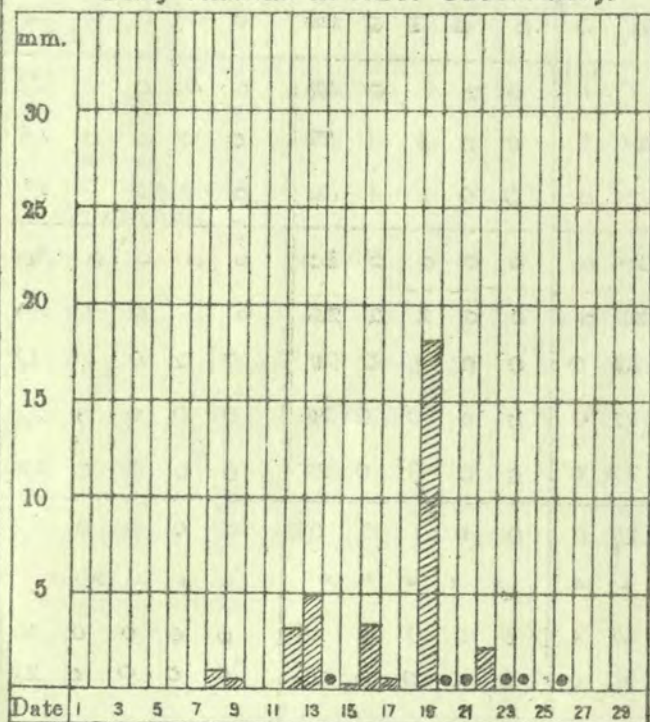
Sunshine exceeded the average at most stations and was plentiful in the South during the first week. Scilly had 12.6 hrs on 1st, Lympne 12.5 hrs on 4th. Later sunshine was variable though some good records were reported from various stations.

Rainfall was deficient in East England and Midlands, but not far from the average elsewhere. An absolute drought of 27 days ended at Ross-on-Wye on 7th where the combined fall for August and September was only 24.6 mm. Most of the larger falls occurred in the North, Eskdalemuir 49 mm on 16th, though Lympne had 27 mm on 13th and Harland 24 mm on 12th.

Fog was rather frequent inland in England during the last 10 days and locally, chiefly on the coasts, during the warm spell.

Thunderstorms occurred at a few places mainly near the coasts. Hail was reported occasionally from the North-western seaboard. The most widespread gale occurred on 17th, gusts reaching 68 mph at Manchester and 66 mph at St. Anne's Head. Otherwise, gales were mostly confined to the North, especially between 6th and 12th.

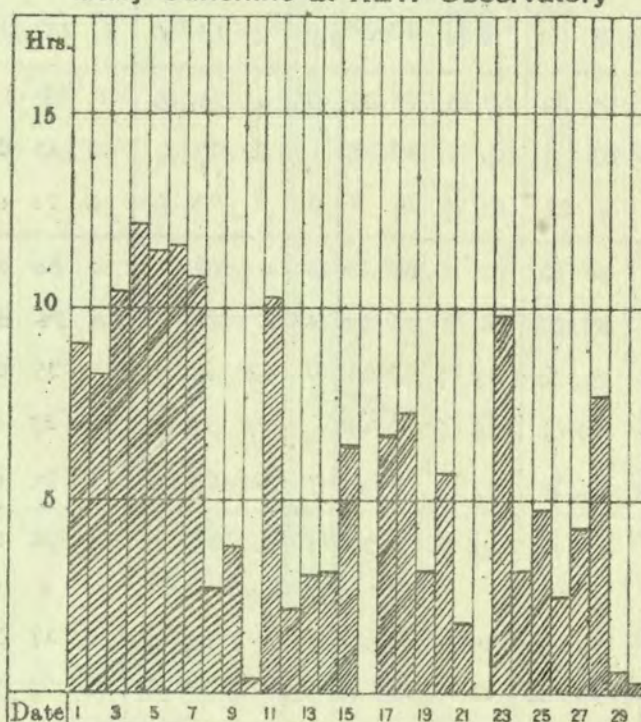
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

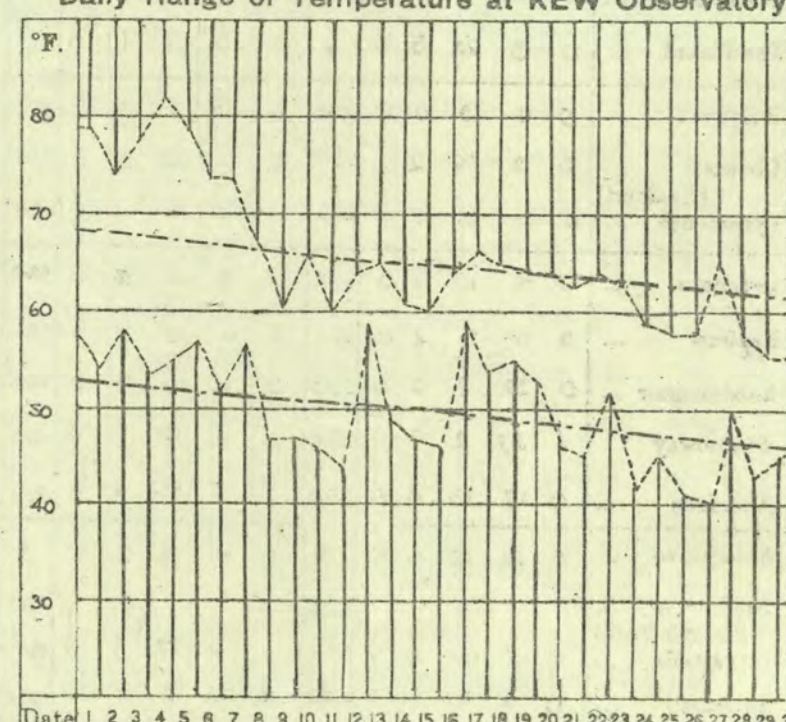
RAINFALL. Total for Month. 35 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 164 hrs.

Daily Range of Temperature at KEW Observatory.



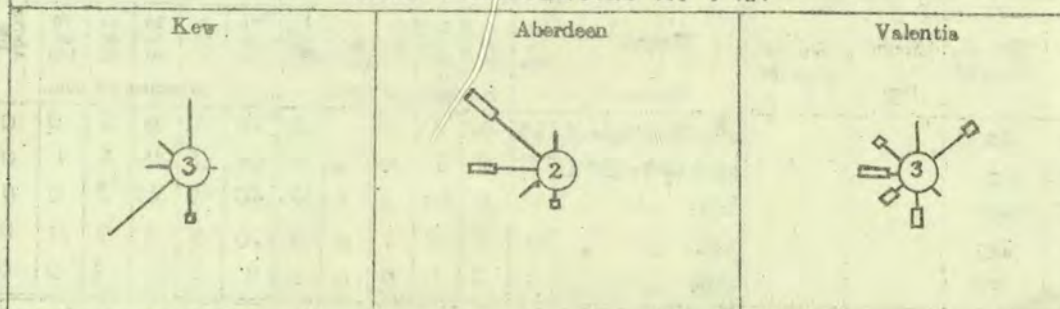
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1016.2	mb. -1.2	°F. 57.7	°F. -0.8
Aberdeen	1005.4	-5.1	52.2	-1.0
Valentia	1018.7	+2.4	56.8	+0.2

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

WIND FREQUENCIES AT 7 hr.



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

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

	miles.
Kew	5517
Aberdeen	6055
Lerwick	14043
Valentia	8114



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

District.	STATIONS.	↑ TEMPERATURE.												LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.														
		Number of daily readings within fixed limits.										Extremes—Warmest and Coldest.		Number of Ground Frosts.	Number of observations within fixed limits.						Number of observations within fixed limits.													
		Maximum.					Average Minimum.	Days		Nights.		7 h.			13 h.		18 h.		7 h.			13 h.												
		42°-50°	51°-59°	60°-69°	69°-77°	78°-86°		Average Maximum.	24°-32°	33°-41°	42°-50°	51°-59°	60°-68°		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.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	London Kew Obsy). Croydon  Calshot** (Southampton) Lympe	0 6 17 3 4	65 57	0 2 14 14 0	51 53	82 4 56 30	53 17 40 27	6	0 23 0	1 26 0	0 27 0	0 2 1 1 7	0 0 0 0 1 22																					
2	Shoeburyness  Gorleston  Cranwell	0 3 16 8 3	66 5	0 3 14 12 1	50 5	83 5 58 30	60 17 40 26	3	2 7 3	1 21 1	1 20 1	0 0 1 3 13	0 0 0 0 23																					
3	Birmingham (Edgbaston)	0 9 14 6 1	62 8	0 1 20 9 0	49 7	81 4 53 29	57 17 41 30	2	5 14 0	0 27 1	0 27 0	0 1 3 5 21	0 0 0 0 30																					
4	Ross-on-Wye	0 4 19 4 3	64 3	0 6 17 7 0	43 2	82 4 55 29	56 17 34 27	3	2 20 0	0 26 1	0 26 0	0 0 0 1 21	0 0 0 0 29																					
5	The Lizard	0 3 22 5 0	*	0 0 11 19 0	*	73 6 57 29	58 18 43 30	*	2 28 0	1 28 0	1 26 0	0 0 2 0 26	0 0 0 0 30																					
7	Holyhead	0 11 19 0 0	60 5	0 0 8 22 0	52 7	67 16 55 30	57 3 47 30	0	5 25 0	1 28 1	0 27 1	0 0 1 0 26	0 0 0 0 28																					
8	Chester (Sealand)	0 13 14 2 1	63 5	0 2 20 8 0	48 1	80 4 53 26	59 1 37 29	1	2 27 0	0 29 0	1 24 2	0 0 1 1 15	0 0 0 0 24																					
10	Tynemouth	0 14 15 0 1	60 3	0 2 15 13 0	50 1	78 4 51 29	58 17 38 11	0	0 23 0	0 29 0	0 29 0	0 0 1 1 16	0 0 0 0 22																					
11	Leuchars	0 16 13 1 0	60 6	0 9 15 6 0	45 8	73 4 54 16	57 7 35 29	6	0 25 1	0 30 0	1 27 0	0 0 0 0 30	0 0 0 0 30																					
12	Renfrew  Eskdalemuir	0 17 11 2 0	60 4	2 6 15 7 0	45 6	70 4 52 30	56 7 28 29	5	4 22 1	0 29 0	3 26 0	0 0 2 2 26	0 0 0 1 29																					
13	Stornoway	1 27 2 0 0	56 8	0 4 19 7 0	47 1	60 4 49 8	54 4 41 29	*	7 23 0	3 27 0	8 22 0	0 0 0 0 28	0 0 0 0 27																					
15	Aberdeen	0 17 13 0 0	59 3	1 5 18 6 0	47 1	68 12 51 28	57 7 31 30	1	2 24 0	0 30 0	1 29 0	0 0 0 0 25	0 0 0 0 27																					
18	Aldergrove	0 16 10 4 0	*	1 4 18 7 0	*	73 2 52 30	58 7 30 29	1	9 18 1	4 26 0	1 27 1	0 0 1 0 25	0 0 0 0 27																					
19	Dublin (Phoenix Park) Birr Castle	0 5 22 3 0	61 7	1 3 17 9 0	47 9	75 3 53 30	59 1 32 29	1	1 25 0	0 27 3	0 27 2	0 0 2 0 28	0 0 0 0 30																					
20	Valentia (Cahiriveen)	0 8 21 1 0	61 2	0 3 5 22 0	52 0	70 3 55 30	59 1 39 30	0	5 24 0	3 26 0	3 26 0	0 0 0 0 26	0 0 0 0 27																					



# SUNSHINE, RAINFALL, AND HUMIDITY September 1940.

Page 3.

District.	STATIONS.	SUNSHINE.												RAINFALL.														Days with Thunder.	Days with Snow or Sleet.								
		Number of Days with Duration.				Maximum Duration.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Highest and Lowest Totals on record for Month.			† Number of days with amount.	Maximum fall in 24 hrs.	Total for past 12 months.	Difference from Average.	Total for Month.†	Difference from Average.	Highest and Lowest Totals on record for Month.																	
		Nil.	0.1—3h.	3.1—6h.	6.1—9h.						Above 9h.	Hours.	Date.							Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	First year of record.	Highest.	Year.	Lowest.			Year.	First year of record.	Highest.	Year.	Lowest.	Year.		
1	London (Kew Obsy). Croydon  Calshot** (Southampton) Lympne	2	7	8	6	7	120	4	1590	+121	164	+18	1880	224	1911	50	1936	20	5	3	1	1	-	18	19	654	+48	35	-13	1856	145	1918	4	1929	0	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)	0	0	2	0	2	8	11	7	0	0	London (Kew)	13	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

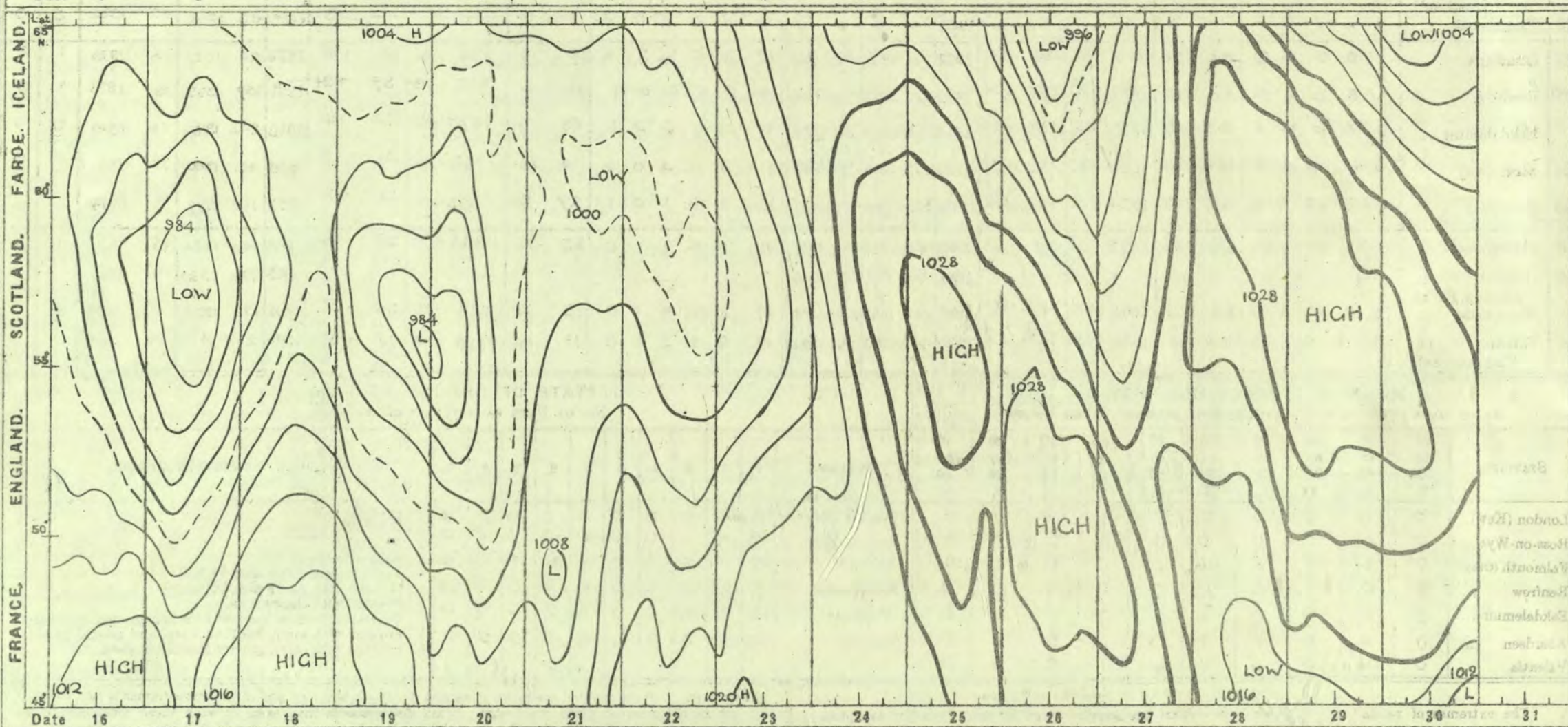
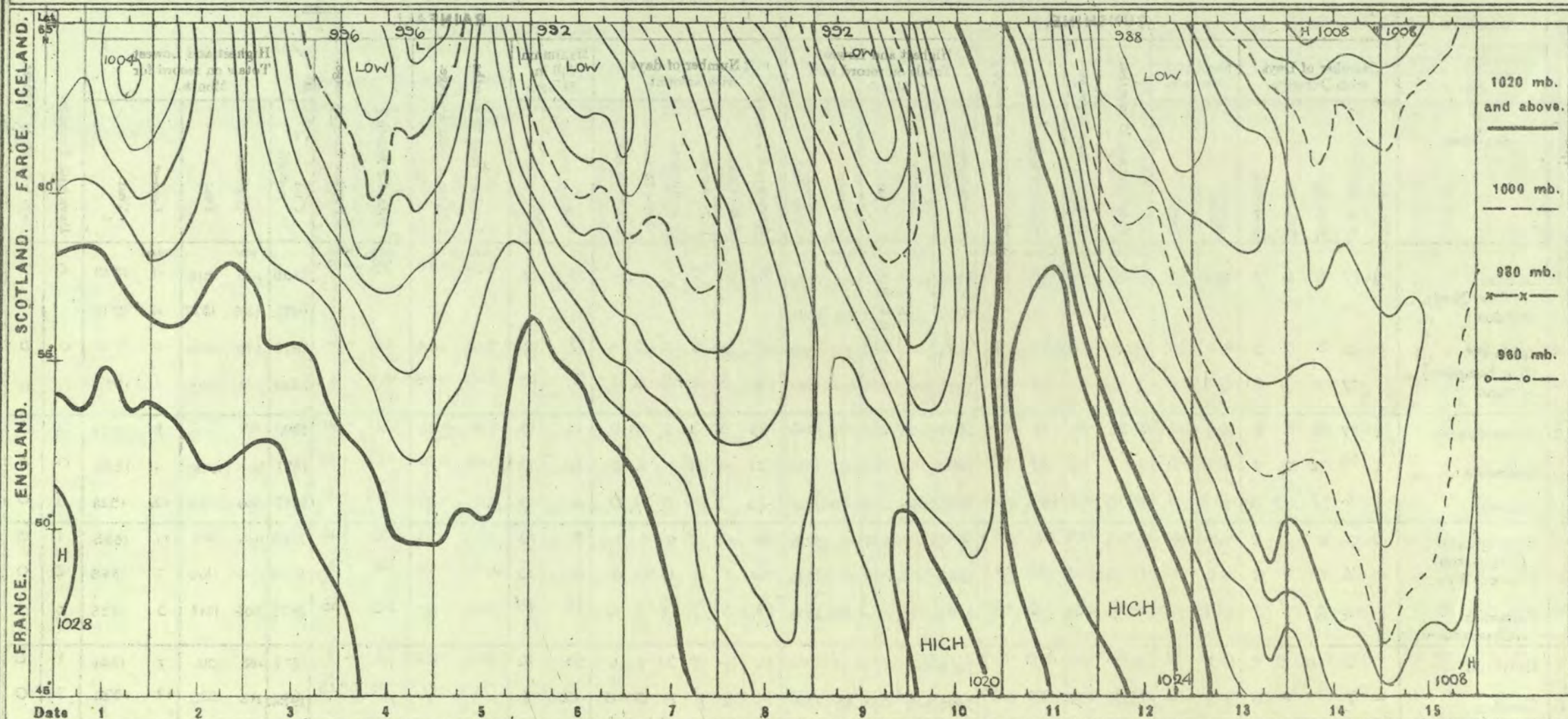
\*\* The extremes of rainfall and sunshine from Calshot are supplemented by those from Southampton.

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



PRESSURE: ICELAND TO GULF OF LIONS *September* 1940.

130PLETHS BASED ON SIX-HOURLY OBSERVATIONS.



\* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h., 7h., 13h., and 19h. are plotted consecutively and joined to shew the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.



AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Sunday 1st September 1940.  
No. 28773.

SECRET

OBSERVATIONS at 13h. G.M.T. 31st August														OBSERVATIONS at 18h. G.M.T. 31st 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.					Sea. 0-9 (30)	WEATHER.							
				Dir.	Force. 0-12 (4)					Form.	Amount. 0-10 (12)	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. 0-10 (24)					Height of Base. (feet) (26)	State of Ground. 0-9 (28)	7h.—13h. 31st (37)	13h.—18h. 31st (38)	18h.—1st 1h.—1st (39)		1h.—7h. 1st (40)							
1	London (Kew)...	1029.6	-14	WSW	3	b	72	45	8	-	-	-	0	0	-	1028.0	-8	SW	4	b	73	55	7	-	-	-	0	0	*	bmbob	by	bybcb	bcbw			
	Croydon ...	1030.0	-14	WSW	3	b	77	45	7	-	-	-	0	Tr	-	1028.7	-6	SW	3	b	73	55	8	-	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc			
	S. Farnborough	1030.4	-8	SW	4	b	76	45	8	1	-	-	Tr	Tr	3500	1028.7	-8	SWW	2	z	72	55	7	-	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc			
	Boscombe Down	1031.1	-6	SW	4	b	71	75	7	-	-	-	0	0	-	1029.4	-10	WSW	4	b	66	75	7	-	-	-	0	0	2	bmbob	bcbby	bymo	bmo wbc			
	Calshot (Soton.)	1031.1	-6	SW	4	b	71	75	7	-	-	-	0	0	-	1029.4	-10	WSW	4	b	66	75	7	-	-	-	0	0	2	bmbob	bcbby	bymo	bmo wbc			
	Lympne ...																																			
	Manston ...																																			
2	Shoeburyness ...	1029.4	-18	SW	4	b	78	45	6	-	-	-	0	0	-	1027.8	-8	SSW	3	b	73	55	7	-	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc			
	Felixstowe ...	1028.6	-14	SW	3	z	75	55	6	-	-	-	0	0	-	1026.6	-12	SWW	3	b	76	55	7	-	-	-	0	0	1	bmbob	bcbby	bymo	bmo wbc			
	Gorleston ...	1027.8	-6	W	3	z	72	65	6	-	-	-	0	0	-	1025.5	-10	SWW	2	bc	80	45	6	-	-	-	0	0	1	bmbob	bcbby	bymo	bmo wbc			
	Mildenhall ...	1028.1	-14	WSW	5	b	81	35	7	-	-	-	0	1	-	1025.8	-12	WSW	4	b	78	45	7	-	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc			
	Cranwell ...	1026.8	-14	W'S	5	z	83	35	6	-	-	-	0	7-8	-	1025.0	-10	W'S	4	bc	79	45	7	-	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc			
3	Birmingham	1028.1	-6	SW	3	bc	77	45	8	-	-	-	0	2-3	-	1026.5	-6	WSW	4	b	74	45	8	-	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc			
4	Upper Heyford	1028.7	-14	WSW	4	b	79	45	8	-	-	-	0	0	-	1027.9	-2	SW	4	b	73	55	7	-	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc			
	Ross-on-Wye ...	1028.6	-8	SW	4	b	76	55	7	5	-	-	Tr	Tr	4000														*	bmbob	bcbby	bymo	bmo wbc			
5	Hartland Point	1031.1	-2	WSW	3	b	64	85	8	-	-	-	0	0	-	1029.0	-8	WSW	3	b	64	75	8	-	-	-	0	0	2	bmbob	bcbby	bymo	bmo wbc			
	Bristol ...	1030.5	-8	W	3	b	74	85	8	1	-	-	Tr	Tr	3000	1029.4	-2	WN	3	b	69	65	7	-	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc			
	Portland Bill ...	1032.0	+8	SW	2	bc	64	85	8	5	-	-	2-	Tr		1030.3	-14	SW	2	b	63	75	8	-	-	-	0	0	2	bmbob	bcbby	bymo	bmo wbc			
	Plymouth ...	1032.0	-4	SW	2	z	65	75	7	-	-	-	0	0	-	1029.4	-12	SSW	2	b	63	75	8	-	-	-	0	0	1	bmbob	bcbby	bymo	bmo wbc			
	The Lizard ...	1032.0	0	SE	3	z	66	75	8	-	-	-	0	0	-	1030.2	-10	W'S	2	b	63	75	8	-	-	-	0	0	1	bmbob	bcbby	bymo	bmo wbc			
	Scilly (St. Mary's)	1031.6	-2	SE	3	b	68	65	7	-	-	-	0	0	-	1030.2	-10	SSW	2	b	64	75	8	-	-	-	0	0	1	bmbob	bcbby	bymo	bmo wbc			
	Guernsey ...																																			
6	Pembroke ...	1030.8	-4	SW	4	b	65	85	8	-	-	-	0	0	-	1029.0	-10	SW	4	b	62	85	7	-	-	-	0	0	2	bmbob	bcbby	bymo	bmo wbc			
7	Holyhead ...	1027.6	-2	SW	5	b	65	85	8	5	-	-	2-3	7-8	700	1025.2	-2	SSW	6	bc	61	92	7	5	4	1	2-3	2-3	500	0	4	bmbob	bcbby	bymo	bmo wbc	
	Chester (Sealand)	1027.2	-6	W	4	bc	78	45	8	-	-	-	0	2-3	-	1024.4	-2	WSW	5	bc	71	45	8	2	4	9	Tr	2-3	4000	0	0	bmbob	bcbby	bymo	bmo wbc	
8	Manchester ...	1026.6	-16	SW	4	bc	78	45	8	-	-	-	0	2-3	-	1024.8	-4	SW	4	bc	72	45	8	-	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc			
10	Spurn Head ...	1026.0	-12	SW'S	3	bc	78	55	6	-	-	-	0	4-6	-	1023.2	-4	SW'S	3	bc	73	55	6	-	-	-	0	0	2	bmbob	bcbby	bymo	bmo wbc			
	Catterick ...	1024.3	-18	WNW	5	c	73	55	8	2	8	1	Tr	7-8	4000	1022.1	-6	WNW	5	c	67	65	8	-	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc			
	Tynemouth ...	1022.8	-18	WSW	5	bc	71	75	7	8	-	-	4-6	4-6	3400	1020.4	-10	WSW	5	bc	71	65	7	2	3	-	-	0	0	1	bmbob	bcbby	bymo	bmo wbc		
11	St. Abbs Head	1011.9	-20	WNW	4	c	66	75	8	7	7	1	2-3	7-8	4000	1019.0	+6	WNW	5	c	65	75	8	8	7	5	4-6	7-8	4000	0	2	bmbob	bcbby	bymo	bmo wbc	
	Leuchars ...	1018.9	-22	W	6	c	65	65	7	2	6	-	-	-	-	1016.1	-8	WSW	4	c/r	63	97	8	5	7	-	-	0	0	1	bmbob	bcbby	bymo	bmo wbc		
12	Renfrew (Abbots L.)	1020.9	-24	WSW	5	c	64	75	8	5	-	-	6	7-8	9	2000	1019.8	+2	WSW	4	c/r	63	85	8	5	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc		
	Eskdalemuir ...	1022.9	-8	SSW	4	o	58	97	6	5	-	-	10	10	220	1019.1	-18	WSW	6	bc	63	85	6	5	3	1	2-3	4-6	1500	0	1	bmbob	bcbby	bymo	bmo wbc	
	Point of Ayre ...	1023.9	-22	W'S	6	b	76	65	8	-	-	-	0	1	-	1021.3	-2	W'S	6	bc	71	65	8	-	-	-	0	0	3	bmbob	bcbby	bymo	bmo wbc			
13A	Tiree ...	1017.2	-12	SW	6	c/d	59	92	7	5	-	-	10	10	1200	1016.0	+10	NW	4	/r	56	92	7	5	3	-	-	0	0	4	bmbob	bcbby	bymo	bmo wbc		
13B	Stornoway ...	1012.9	-22	SW	6	rr	58	97	6	5	2	-	-	7-8	10	1000	1014.9	*	W	5	c/pr	54	97	8	8	7	8	4-6	7-8	1400	0	3	bmbob	bcbby	bymo	bmo wbc
15	Dalwhinnie ...	1017.1	-24	SSW	4	c	59	75	7	5	-	-	9	9	1500	1015.8	-18	SSW	4	ir	58	85	7	5	1	-	-	0	0	1	bmbob	bcbby	bymo	bmo wbc		
	Aberdeen ...	1015.7	-26	SW'S	4	c	64	75	8	1	4	-	-	9	2500	1013.1	-12	W'S	4	ir	62	85	8	5	2	-	-	0	0	2	bmbob	bcbby	bymo	bmo wbc		
	Wick ...	1012.5	-24	SW	4	c	60	92	8	6	7	7	4-6	10	800	1009.5	0	WNW	4	c/pr	60	92	7	5	7	-	-	0	0	1	bmbob	bcbby	bymo	bmo wbc		
16	Lerwick ...	1008.9	-6	W	4	rr	53	97	5	6	2	-	-	4-6	10	220	1006.3	-4	WNW	4	rr	51	97	7	8	7	-	-	0	0	1	bmbob	bcbby	bymo	bmo wbc	
17	Blacksod Point...	1024.3	-4	SW	6	bcg	65	75	7	3	-	-	-	4-6	800	1024.3	0	SW	4	d/d	60	97	5	6	-	-	-	0	0	3	bmbob	bcbby	bymo	bmo wbc		
18	Malin Head ...	1020.7	-12	SSW	6	bc	67	65	8	-	-	-	0	4-6	-	1020.2	-2	W	6	c/pr	61	92	7	6	-	-	-	0	0	3	bmbob	bcbby	bymo	bmo wbc		
	Aldergrove ...	1023.0	-18	SW'S	5	bc	77	55	8	5	4	-	-	1	2-3	1400	1022.2	0	SW'S	4	c	68	65	8	5	5	1	7-8	9	1800	0	*	bmbob	bcbby	bymo	bmo wbc
19	Birr Castle ...	1026.5	-6	SW	2	b	76	55	8	-	-	-	0	0	-	1026.1	0	SW	2	bc	69	55	8	-	-	-	-	0	0	*	bmbob	bcbby	bymo	bmo wbc		
20	Valentia Obay.†	1023.1	+6	SW'S	5	bc	67	75	8	2	-	-	-	4-6	2500	1028.3	-4	SW	3	bc	66	85	8	2	-	-	-	0	0	1	bmbob	bcbby	bymo	bmo wbc		
	Roches Point ...	1029.2	-4	SW	3	bc	66	85	8	1	-	-	-	2-3	2-3	4000	1027.7	-8	SW	3	bc	65	85	8	-	-	-	0	0	3	bmbob	bcbby	bymo	bmo wbc		

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

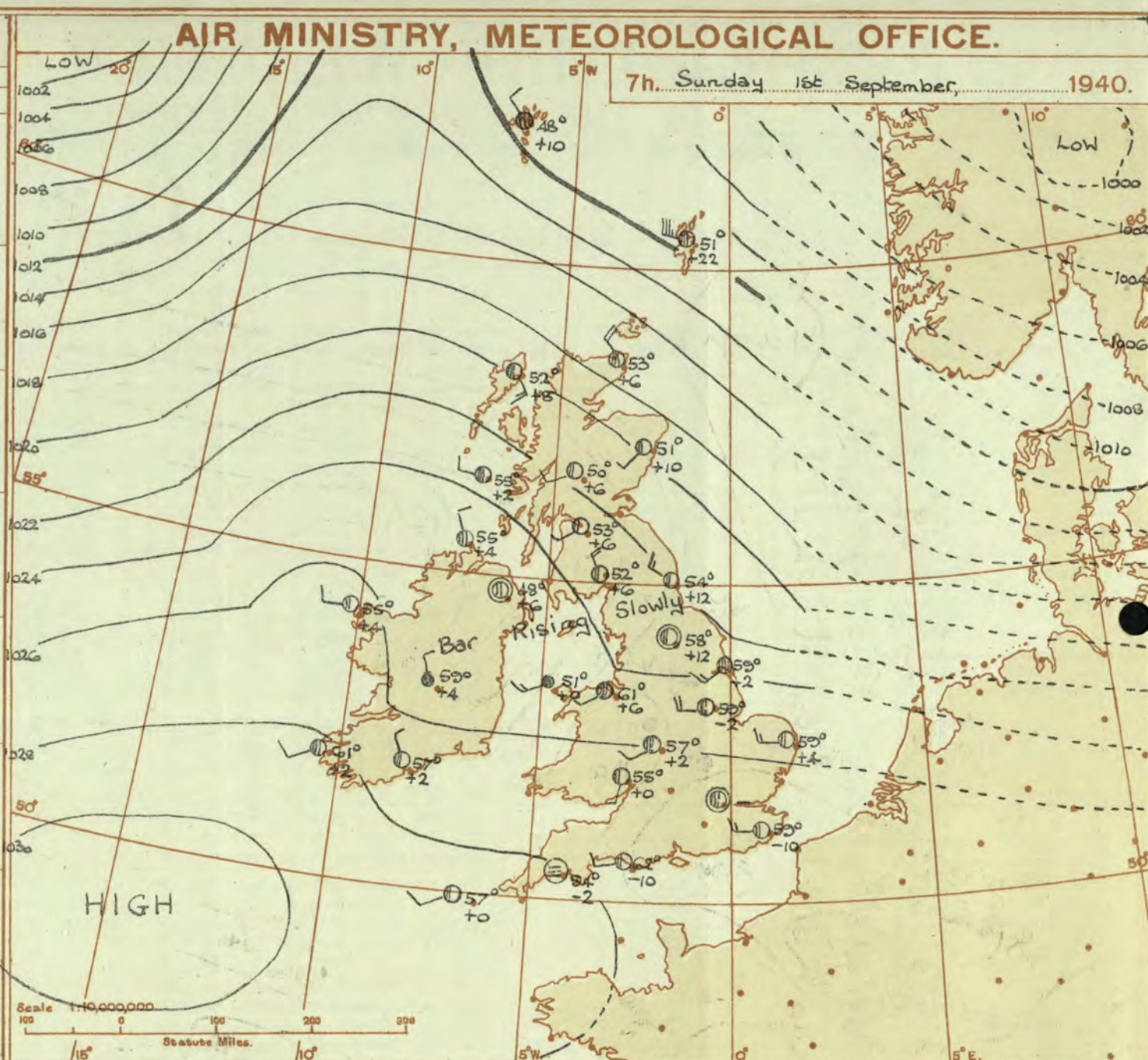
COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION  
AND SYMBOLS FOR WEATHER.

b, blue sky (not more than a quarter covered with cloud).  
bc, sky partly cloudy (one half covered). c, generally cloudy.  
d, drizzle. e, wet air. g, gloom.  
f, fog, visibility 220-1100 yds.  
fg, low fog over sea (coast station).  
fg, low fog over land (inland station).  
m, mist, visibility 1100-2200 yds.  
h, hail. i, intermittent.  
jf, fog at a distance, but not at station.  
jp, precipitation within sight of station.  
ks, storm of drifting snow.  
k/s, slight storm



Abridged observations of additional stations in the AVIATION WEATHER CODE														
13h. G.M.T. 1st August 1940						01h. G.M.T. 1st September 1940								
III	C <sub>M</sub>	ww	Vh <sub>N</sub>	DDFWN	C <sub>L</sub>	C <sub>M</sub>	ww	Vh <sub>N</sub>	DDFWN	C <sub>L</sub>	C <sub>M</sub>	ww	Vh <sub>N</sub>	DDFWN
109	5-	63649	20568	87	22735	61667	5-	81636	57626	57	81646	23588		
115	--	67109	53669	52	02735	28567	84	81744	24681	84	81844	24687		
203														
206	57	02956	22426	52	62745	24468	5-	01958	25425	57	02964	24325		
210	53	02959	55627	57	22855	55408	5-	01964	24514	5-	02956	24516		
220														
230														
245	59	02853	53627	5-	61847	57627	50	00861	27421	10	00961	22303		
260	70	02854	22416	63	81644	22687								
277	20	02751	17425	57	02863	22425	51	05665	23466	80	02952	25126		
279														
285	8-	02746	24626											
288	07	01890	20513	17	02871	20515	5-	02776	22426	57	02854	31226		
273	18	01761	22603							18	01762	16103		
301	00	00890	22303	04	01890	55413	03	01890	23404	02	62648	23268		
321	00	05690	24314	03	05690	22414	07	05590	22115	57	61684	24368		
299	57	05643	22414	57	05653	22314	57	05653	24414	5-	22747	22267		
292	08	01790	21514	00	02990	22415	57	02854	22418	53	22955	24660		
310		01643	24418											
316	00	01790	20415	04	00790	20313	5-	01665	20215	57	05664	24228		
333	70	01853	22623	70	05695	55625	50	00743	24503	53	02734	20226		
334					01890	20501								
340	50	01983	21313					50	00763	20303	57	05646	20217	
136	05	02790	20315	00	01790	21412	54	05690	20311	57	05665	22227		
336		01861	16511		00890	16400								
350	07	00890	18402	00	00890	22300	00	00790	18300					
368	00	00790	23300	00	00790	25400	00	05690	26100	50	01763	26314		
379	03	00890	22401	03	01790	22301	00	05690	20300	03	02790	20214		
390														
382	10	00861	22301	10	01861	24301	00	05690	22200	07	01890	22114		
438														
430				00	05690	22300	00	05690	00000	03	05690	24104		
409	00	05790	20300	00	00790	24200	00	05690	14200	50	05632	16112		

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 = Height and amount of low cloud—See M.O. 252.  
N = Total amount of cloud—See M.O. 252.  
C, C<sub>1</sub> = 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. 1st September 1940
1 S.E. England	Light west to northwest wind: bright periods; chance of local thunderstorms; warm, becoming a little cooler.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light west to northwest wind: mainly fair: local coast fog and drizzle: warm.
6 South Wales ...	
7 North Wales ...	Light or moderate northwest wind backing southwest veering northwest tomorrow; fresh, strong locally: fair at first: slight rain later: local coast fog later on west coasts: average temperature
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Moderate west wind fresh locally, backing southwest and becoming fresh or strong, reaching gale locally, veering west to northwest tomorrow. Rain spreading from west followed by bright intervals and showers: average temperature.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Light or moderate west wind fresh locally in the North: cloudy: local drizzle and coast fog: rather warm.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

**GENERAL INFERENCE.**  
A feeble trough of low pressure associated with a depression over Scandinavia is moving southwards across the country. Its passage across England and Wales will give rise to local rain, which may be accompanied, later in the day, by thunder. Elsewhere it will be mainly fair at first, but a vigorous development which is taking place in the neighbourhood of Iceland will cause rain to spread across northern districts tonight. It will be rather warm in the South, but temperatures will be about normal in the North.

#### FURTHER OUTLOOK.

Fair in the Southwest: rather unsettled elsewhere but mainly dry in the South.

Forecasts issued at 10.30 L.

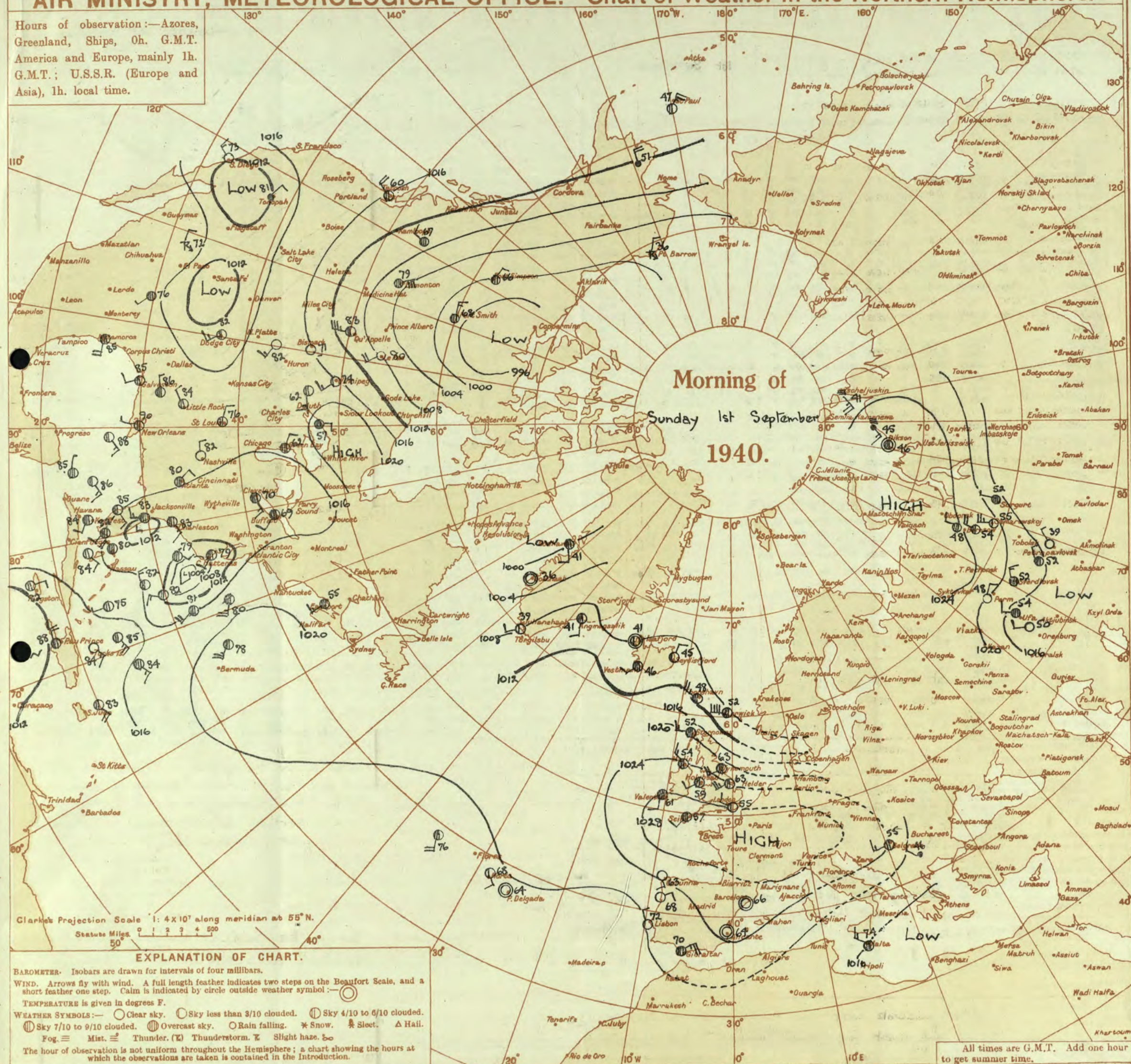
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 1st September														OBSERVATIONS at 7 hr. G.M.T. 1st September														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea. 0-9	TEMPERATURE.		RAINFALL.		SUNSHINE Hrs.		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.			Night 18h-7h mm.						
																																Low.	Med.	High.		Low 0-10	Total 0-10
1	London (Kew) ... 18		*	*	*	*	*	*	*	*	*	*	*	1027.1	+2	SW	2	c	58	75	7	5	3	2	4-6	7-8	4000	0	*	78	57	48	-	-	11.8		
	Croydon ... 217													1027.0	+4	W	1	c	63	72	7	5	3	2	3	7-8	5700	0	*	80	49	40	-	-	11.5		
	S. Farnborough ... 226	1028.2	-8	SW	2		N	58	85	6				1028.0	+4	W	1	c	63	72	7	5	3	2	3	7-8	5700	0	*	80	49	40	-	-	11.5		
	Boscombe Down ... 417	1028.5	-10				N	57	82	6				1027.9	+2			bc	54	72	6	3						0	*	76	48	40	-	-	10.8		
	Calshot (Stmnt.) ... 8	1028.7	-6	NW	2		N	57	82	6				1027.8	+2	NW	1		56	72	6	5	7	2-3	4-6	7200	0	5	73	52	47	-	-	11.4			
	Lymington ... 346	1029.0	-6	WNW	1		N	55	82	7				1027.8	-10	N	3	N	53	85	6	1						0	5	74	54	47	-	-	11.7		
	Manston ... 154						N	55	82	7				1027.8	-10	N	3	N	53	85	6	1						0	5	74	54	47	-	-	11.7		
2	Shoeburyness ... 11		*	*	*	*	*	*	*	*	*	*	*	1027.3	+8	SW	3	c	60	75	6	1	8					0	*	81	58	49	-	-	11.6		
	Felixstowe ... 15	1026.6	-2	W	2		N	61	85	6				1026.5	+6	W	3	c	60	75	6	5	7	6	4-6	7-8	5000	0	1	83	57	52	-	-	11.9		
	Gorleston ... 5	1024.7	-6	W	4		N	65	75	7				1025.0	+4	W	3	c	59	75	6	1	3					0	2	81	59	56	-	-	11.7		
	Mildenhall ... 19	1025.9	-4	SW	3		N	61	75	7				1026.0	+8	WSW	2	c	58	75	7	5	7					0	*	83	54	49	-	-	11.8		
	Cranwell ... 240	1025.0	-2	W	4		N	63	85	7				1025.2	-2	W	4	c	59	75	7	5	7					0	*	84	58	57	-	-	11.7		
3	Birmingham ... 535		*	*	*	*	*	*	*	*	*	*	*	1026.4	+2	SW	2	c	57	75	8	5	7					0	*	81	54	41	-	-	12.1		
	Upper Heyford ... 408	1027.5	-6	SW	3		N	56	75	7				1027.1	0	WSW	1	N	53	77	6	1	7					0	*	81	51	42	-	-	12.1		
4	Ross-on-Wye ... 223		*	*	*	*	*	*	*	*	*	*	*	1026.3	0	SW	1	bc	55	85	7	1	9					0	*	*	53	45	*	-	-	11.2	
5	Hartland Point ... 299	1027.6	-14	SW	3		N	60	75	8				1027.6	0	WSW	4	c	60	72	8	5	1					0	3	66	58	56	-	-	12.0		
	Bristol ... 209	1028.3	-12	SW	1		N	58	82	7				1028.0	+2	SW	1	c	58	77	7	2	3					0	*	76	53	41	-	-	10.8		
	Portland Bill ... 32	1028.5	-6	SW	2		N	61	85	8				1027.6	-10	W	2	bc	62	85	8	5	1					0	2	63	59	*	-	-	10.8		
	Plymouth ... 82	1029.5	-6				N	53	82	5				1028.6	-2			bc	54	77	3	1	1					0	1	67	49	46	-	-	11.2		
	The Lizard ... 240	1029.4	-6	SW	1		N	56	82	8				1028.8	0	NW	2	bc	57	77	3	4	1					0	1	68	53	*	-	-	12.1		
	Scilly (St. Mary's) ... 163	1029.6	-2	SW	2		N	57	82	7				1028.6	0	WSW	1	bc	57	77	7	5	1					0	1	69	56	*	-	-	12.1		
	Guernsey ... 175													1028.6	0	WSW	1	bc	57	77	7	5	1					0	1	69	56	*	-	-	12.1		
6	Pembroke ... 142	1027.4	-2	WSW	4		N	60	77	7				1026.9	-6	WSW	3	bc	60	77	7	5	4					0	2	65	59	*	-	-	11.1		
	Holyhead ... 26	1026.3	0	SW	2		N	59	87	7				1025.0	+6	SW	3	bc	59	77	5	1	2					0	1	66	56	54	-	-	11.1		
	Chester (Sealand) ... 16	1025.2	0	WSW	3		N	62	85	7				1025.2	+6	SW	1	c	61	85	7	5	3					0	*	80	59	53	-	-	11.4		
8	Manchester ... 70	1025.4	0	SW	3		N	*	*	5				1025.1	+6	SW	2	dr	59	77	4	2	1					0	*	80	59	50	-	-	10.9		
10	Spurn Head ... 29	1022.5	-2	WSW	5		N	63	75	6				1023.7	+2	SW	3	c	59	85	6	4	7					0	3	80	59	*	-	-	8.4		
	Catterick ... 175	1022.7	-2	WNW	2		N	62	75	7				1023.7	+12			c	58	85	8	5	3					0	*	74	58	56	-	-	10.6		
	Tynemouth ... 108	1021.3	+6	WSW	4		N	63	85	7				1023.1	+12	WNW	3	bc	54	85	7	2	3					0	1	75	53	47	-	-	*		
11	St. Abbs Head ... 280	1019.4	+16	WNW	5		N	57	75	8				1021.2	+10	WNW	5	bc	54	75	9	4	5					0	3	69	53	*	-	-	0.5		
	Leuchars ... 36	1019.7	+22	W	3		N	56	85	7				1021.7	+14	SW	2	bc	51	75	8	1	8					0	*	70	47	42	-	-	4.4		
12	Renfrew (Abbots) ... 19	1022.2	+10	W	4		N	52	85	7				1023.4	+6	SW	1	bc	53	85	8	5	4					0	*	71	50	42	-	-	3.6		
	Esdailemuir ... 794		*	*	*	*	*	*	*	*	*	*	*	1023.2	+6	NW	4	c	52	75	8	5	3					0	*	64	47	39	-	-	1.1		
	Point of Ayre ... 30	1023.3	+2	W	5		N	60	87	8				1024.8	+6	NNW	3	c	56	85	8	7	1					0	2	77	56	*	-	-	0.3		
13A	Tiree ... 22		*	*	*	*	*	*	*	*	*	*	*	1022.5	+2	WNW	2	c	55	75	8	5	1					0	2	59	53	*	-	-	0.3		
13B	Stornoway ... 80	1019.6	+16	W	3		N	52	85	7				1020.6	+8	SW	2	c/pr	52	72	7	8	5					0	2	60	51	*	-	-	0.4		
15	Dalwhinnie ... 1176		*	*	*	*	*	*	*	*	*	*	*	1022.8	+6	WSW	1	bc	50	85	7	7	1					0	2	62	41	39	-	-	1.3		
	Aberdeen ... 79		*	*	*	*	*	*	*	*	*	*	*	1020.6	+10	SW	1	bc	51	75	8	5	4					0	1	62	49	42	-	-	2.3		
	Wick ... 81	1016.3	+14	WNW	4		N	52	85	7				1017.9	+10	WNW	4	c	53	75	8	5	7					0	2	64	50	*	-	-	0.4		
16	Lerwick ... 156	1009.1	+8	W	3		N	52	92	7				1012.5	+22	WN	7	c	51	82	7	5	7					0	1	56	50	*	-	-	0.6		
17	Blackod Point ... 18	1026.9	+6	WNW	1		N	57	82	7				1026.2	+4	W	1	c	55	85	8	4	3					0	2	66	51	*	-	-	0.4		
	Malin Head ... 84	1024.3	+6	NW	3		N	54	85	8				1024.4	+4	NW	2	c	55	75	8	5	9					0	2	69	51	*	-	-	4.7		
	Aldergrove ... 268	1024.4	+10	NW	1		N	56	85	7				1025.4	+6			bc	48	82	8	5	4					0	*</								



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 2nd September 1940.  
No. 28774.

OBSERVATIONS at 13h. G.M.T. 1st September														OBSERVATIONS at 18h. G.M.T. 1st September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																								
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																										
				Dir.	Force.					Low.	Med.	High.			Low.	Med.					High.	Low.	Med.			High.	Low.	Med.	High.	7h.—13h. 1st...	13h.—18h. 1st...	18h. 1st to 1h. 2nd.	1h.—7h. 2nd.																																																																																																																																																																																																																																																																																																																																																			
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lympne Manston	1025.2 1025.4 1025.6 1026.1 1025.3	-1.4 -1.8 -1.4 -1.0 -1.4	SW W W SW SW	3 3 3 4 4	bc bc bc bc bc	74 73 76 74 74	45 35 40 55 55	8 8 8 8 7	5 4 3 3 4	3 1 1 4 2	2-3 4-6 4-6 2-3 4-6	1023.5 1023.9 1024.4 1024.5 1024.1	-8 -12 -8 -10 -6	WNW W WNW WNW SW	3 1 3 4 2	b bc b b bc	77 77 73 67 68	35 35 55 65 65	8 7 8 8 8	5 4 3 3 7	- - - - -	- 4 1 1 4	1 0 0 0 0	4-6 2-3 - - 4-6	0 - - - -	0 - 0 0 -	0 - 2 0 -	bcwcb bcwcb bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb bcwcb bcwcb	bybu b b bbw b	bnw b b b b																																																																																																																																																																																																																																																																																																																																																				
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1025.4 1024.8 1024.4 1024.4 1024.7	-1.6 -1.2 -1.4 -1.0 -1.6	SW W WNW WNW WNW	3 3 2 2 3	c c c c c	77 77 71 73 67	35 45 65 55 65	6 7 6 8 6	- - - - 5	7 7 7 7 7	3 - - - 2-3	7-8 7-8 7-8 7-8 9+	1023.1 1023.1 1024.0 1023.4 1024.4	-10 -8 -6 -10 -2	N NW SE NW WNW	1 3 1 2 2	bc bc c c bc	74 74 63 69 66	55 45 32 65 75	8 8 6 7 6	- - 5 6 5	4 - - 1 -	- 0 4-6 7-8 10	2-3 4-6 7-8 10 2500	- - - - -	0 0 0 0 0	0 1 0 0 0	bcwcb c c c c	c c c c c	bcwcb bcwcb bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																																			
3	Birmingham Upper Heyford	1025.6 1025.2	-1.6 -1.4	WSW WNW	2 2	c c	66 77	75 45	8 8	7 5	7 8	2-3 1	7-8 7-8	1023.9 1024.3	-4 -2	WNW WNW	2 2	bc bc	69 74	66 45	8 7	7 1	4 4	2 2	1 2-3	3500 4000	0 0	0 0	0 0	0 0	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																																		
4	Ross-on-Wye	1025.0	-1.0	WNW	3	c	73	55	8	-	3	-	7-8	1024.3	-6	WNW	2	b	74	55	8	1	-	-	0 Tr	0 Tr	4000	0	0	0	0	0	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																																
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) Guernsey	1026.9 1026.3 1027.0 1026.9 1027.7 1027.7	-1.6 -1.0 -1.8 -1.4 -1.4 -1.4	WSW WSW SW SW WS WNW	3 3 2 2 2 2	c bc bc bc bc bc	68 72 66 66 69 68	35 65 65 75 75 65	7 8 8 8 8 7	5 - - - - -	- - - - - -	- - - - - -	7-8 0 2-3 0 0 0	1500 2-3 4000 - - -	1025.8 1026.1 1026.8 1026.3 1026.7	-2 -2 -8 -6 -4	W W SW SW W	3 3 2 2 2	b b b b b	65 68 63 65 66	85 65 85 85 75	8 8 8 8 6	1 - - - -	- - - - -	Tr Tr 0 0 0	Tr Tr 0 0 0	2500 - - - -	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	bcwcb bcwcb bcwcb bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb bcwcb bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																																		
6	Pembroke	1026.7	-2	W	3	bc	63	85	8	5	1	-	2-3	1025.7	-6	W	2	bc	62	92	7	5	1	-	1	2-3	2500	0	2	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																																			
7	Holyhead	1025.6	-2	W	2	c	59	92	7	5	-	-	10	1026.0	-2	-	0	bc	60	75	8	5	3	-	4-6	4-6	3000	1	0	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																																			
8	Chester (Sealand) Manchester	1025.3 1025.3	-1.6 -2	WNW W	1 2	c c	60 60	85 85	6 6	5 5	- 2	- -	10 4-6	1025.2 1025.0	-2 -2	WNW WNW	1 2	c c	57 59	92 85	6 8	5 5	2 7	- -	4-6 4-6	4-6 10	1600 1600	1 1	0 0	0 0	0 0	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																																	
10	Spurn Head Catterick Tynemouth	1024.3 1023.0 1023.4	+2 -12 -10	NNE N WNW	2 1 4	c c bc	66 68 64	85 55 65	6 8 8	5 1 8	- 7 -	- 6 -	7-8 1 4-6	7-8 9 6	3000 3000 2800	1023.0 1023.2 1023.1	-2 +1 0	E WNW W	2 1 3	c c c	57 62 61	85 65 75	7 8 8	- 5 8	4 7 -	9 9 -	0 2-3 7-8	9+ 9+ 3100	- 0 0	0 0 0	0 0 0	0 0 0	0 0 0	bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																															
11	St. Abbs Head	1022.1	-2	WNW	3	c	58	55	8	2	3	5	2-3	7-8	3000	1021.1	0	WNW	4	b	57	65	8	4	7	-	2-3	7-8	3000	0	2	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																																	
12	Leuchars Renfrew (Abbots L.) Esksdalemuir Point of Ayre	1021.4 1023.4 1023.0 1025.9	-1.6 -1.4 -2 -2	WNW W WNW WNW	3 4 2 3	bc c bc bc	65 64 60 65	45 55 55 65	9 8 8 8	7 7 8 1	3 3 4 4	2 4 1 5	2-3 7-8 4-6 1	7-8 9 4-6 4-6	4000 3500 2500 4000	1021.1 1023.3 1023.0 1024.6	+1.4 -2 -2 -6	W W WNW W	4 3 3 3	b c c c	57 57 54 59	65 75 75 85	8 9 8 8	7 5 7 -	4 7 7 -	5 9 5 -	4-6 7-8 2-3 0	9+ 9+ 10 9+	3200 3000 2500 -	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	bcwcb bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb bcwcb	bcwcb bcwcb bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																														
13	Tiree	1023.1	0	WSW	3	bc	60	65	8	5	3	2	2-3	4-6	2800	1022.1	-2	WSW	4	c	56	85	8	5	-	9+	9+	1800	0	3	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																																		
13	Stornoway	1020.5	-6	W	5	sp	56	75	8	5	7	-	7-8	9+	1400	1019.6	-8	WSW	5	c	55	85	8	8	2	-	7-8	10	2000	1	3	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																																	
15	Dalwhinnie Aberdeen	1022.9 1020.5	+8 -4	WSW WNW	2 2	c c	55 64	65 55	8 8	2 1	5 3	6	4-6 2-3	9+ 7-8	1500 1000	1019.8 1019.8	-6 -6	WSW WNW	1 2	c c	55 59	85 55	8 8	5 5	9 9	- Tr	9+ 9+	4000 4000	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																											
16	Wick Lerwick	1019.2 1015.4	+6 +1.4	W W	3 6	c c	57 53	65 92	9 8	5 3	9 7	8 7	7-8 9+	2500 800	1018.1 1013.7	-8 -16	WSW W	3 6	c c	55 52	75 65	8 8	5 5	6 2	8 7	7-8 10	1500 800	1 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																									
17	Blacksod Point	1026.3	0	SW	2	c	61	75	8	-	7	-	0	10	-	1025.5	-8	W	1	c	59	75	8	-	7	3	0	7-8	-	0	2	c c	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb	bcwcb bcwcb																																																																																																																																																																																																																																																																																																																																																
18	Malin Head Aldergrove	1024.9 1025.5	+2 -2	W WNW	1 2	c c	58 63	75 55	8 9	8 5	3 7	- 7	7-8 4-6	7-8 10	5700 2500	1024.2 1024.4	-6 -6	WNW WNW	4 2	c c	57 60	75 65	8 9	5 5	1 7	- -	4-6 9+	9+ 3000	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0



Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 1st. Sept.				18h. G.M.T.				01h. G.M.T. 2nd. Sept.			
III	C <sub>1</sub>	wwVhN	DDFWN	C <sub>1</sub>	wwVhN	DDFWN	C <sub>1</sub>	wwVhN	DDFWN	C <sub>1</sub>	wwVhN
109	82	03844	24585	52	02714	23565	6-	54638	21658	8-	10746
115	87	02844	22685	57	01734	22687	--	67103	20685	52	82734
203											
206				57	02965	25328	52	02856	24228		
210	73	02953	22527	57	02963	24423	52	61867	20418	52	64537
220	52	02854	24327	52	02844	23228				52	02843
230	5-	02958	20228				5-	02845	22425	86	02846
245	40	01962	18315	57	02964	24427	5-	61866	22226	43	01862
260	40	01964	22315	57	02964	24427	02	02730	22328	53	01763
277				57	02966	27326	01	02730	25228	83	02853
279											
285										23	02734
288	17	02862	25315	50	02864	27326	50	05654	24124	53	01864
273										13	01763
301	52	02734	30228	53	02864	26226	50	01763	26363	5-	02766
321	57	05654	26328	57	05663	28227	57	05663	26224	57	05854
299	57	01744	32315	57	02745	14216				57	01744
292	13	02853	22326	43	02863	24327	57	02754	24326	57	22861
310							5-	05647	26327	--	46203
316	73	02665	20127	57	05667	20228	00	00630	24210	51	47363
333	57	02735	22226	5-	02845	28125	50	00753	00003	5-	45338
334										--	05823
340	57	02954	25316				00	08430	00000	50	41554
136	57	05673	24367	53	05663	23227	07	05630	24315	07	05830
336										--	02742
350				03	01830	28113	00	05630	28110		
368	17	01761	24312	10	00862	24302	5-	02648	00018	5-	03738
379	03	01730	24314	10	01731	24201	00	05630	28100		
390				03	01730	26314	00	05630	26200	03	05530
382	17	01862	24213	00	00730	23300				--	44203
438										50	01734
430	03	00730	23302	03	00830	22201	00	05630	00000	00	05830
409	00	05730	26210				50	05633	00013	54	00731

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, Np = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, C<sub>1</sub> = Form of low and medium cloud—See page 1.  
 V = Visibility. F = Force of wind—See page 4.  
 DD = Direction of wind (S = E, 18 = S, 24 = W, 32 = N).

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd September, 1940.
1 S.E. England	
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

Light wind between north and west; fair or fine; mist or fog inland in early morning; rather warm inland during day.

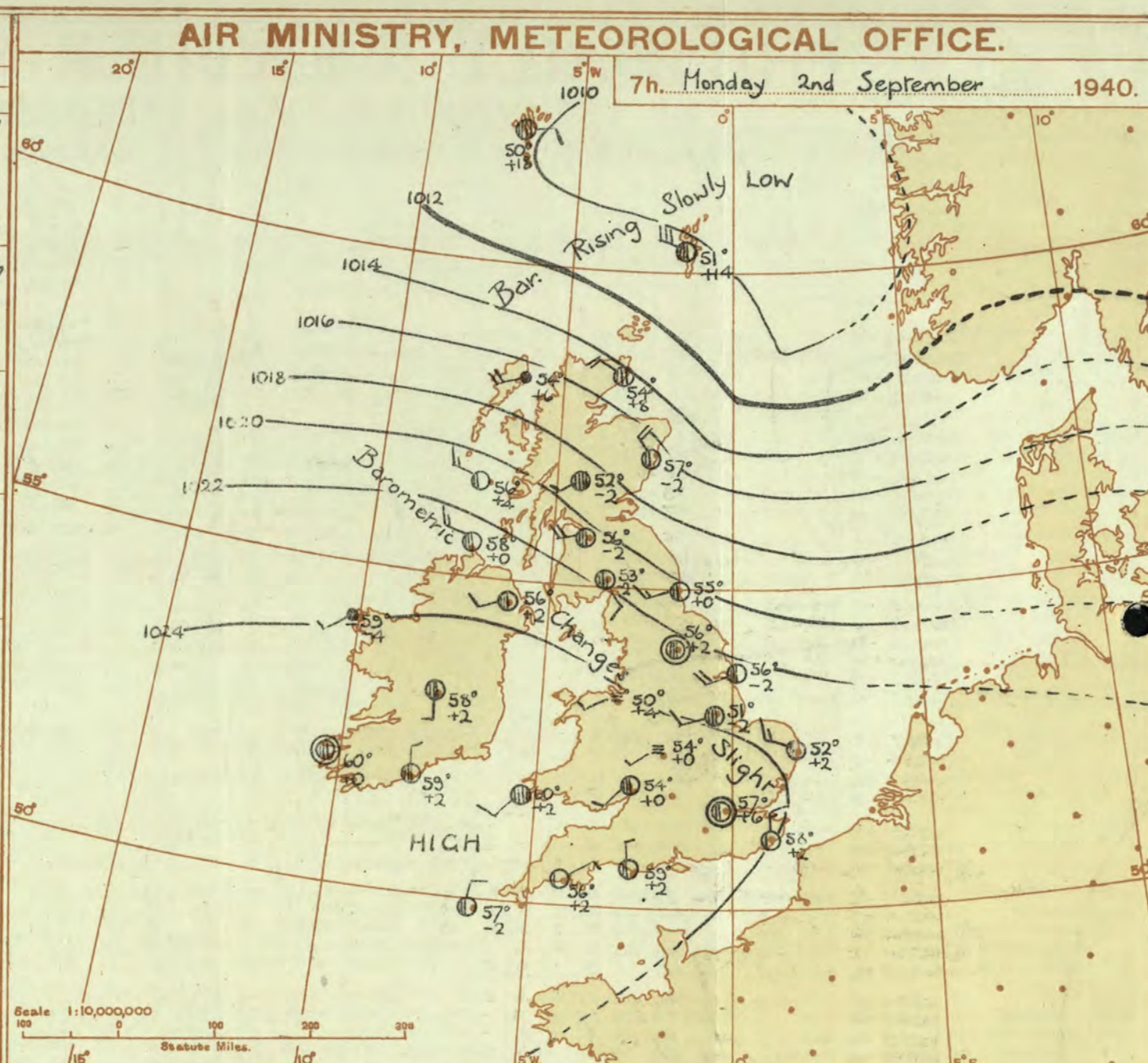
Moderate west to northwest wind; considerably cloudy with occasional rain or drizzle at first especially on hills and western coasts; showers later; average temperature.

Moderate or fresh west to northwest wind; variable cloud, occasional showers; average temperature.

Fresh or strong west to northwest wind moderating; cloudy, occasional showers; average temperature.

As 7-12.

As 1-6.



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.

#### GENERAL INFERENCE.

An anticyclone remains centred to southwest of the British Isles and a depression centred northeast of Shetland is moving southeast. Weather will continue fair or fine in the South and Midlands but with fog or mist in the early morning. In the north there will be more cloud with occasional rain or showers. It will be rather warm today in the South but temperatures will be about average in the North.

#### FURTHER OUTLOOK.

Fair in the south; unsettled in the north west.

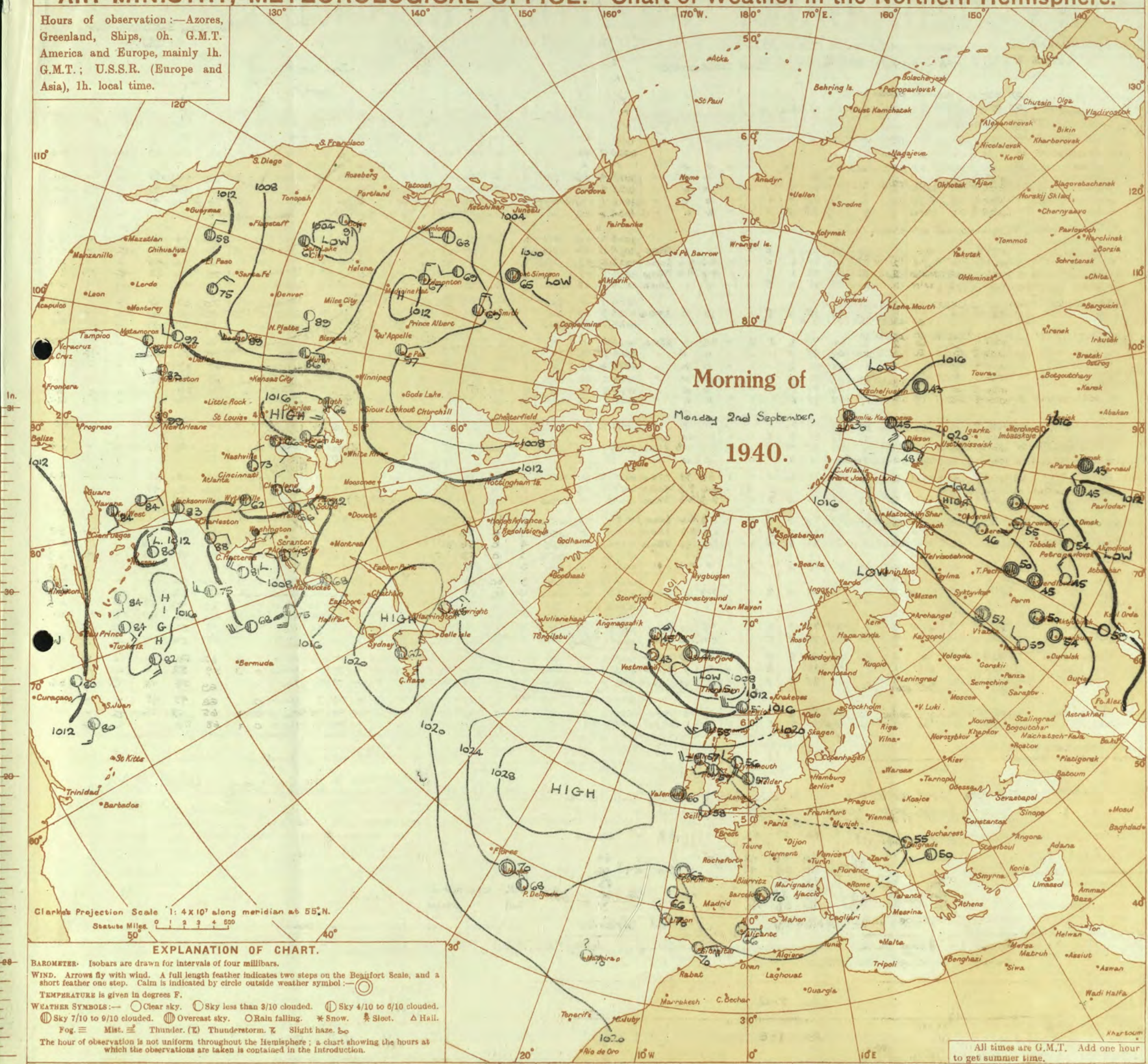
Forecasts issued at 1030 GMT  
 H.M.S.O. Press, Cornwall House S.E.1.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday, 2nd September, 1940.

No. 28774

OBSERVATIONS at 1 hr. G.M.T. 2nd September														OBSERVATIONS at 7 hr. G.M.T. 2nd September														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. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud.				Barom. at M.S.L. (29)	Change in 3 hours. (30)	TEMPERATURE.		RAINFALL.		SUN- SHINE Hrs. (36)																										
					Direc. (3)	Force. (4)				Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)			Force (18)	Weather. (19)				Form. (23)	Amount (24)	Height of Base (feet) (28)	State of Ground. (29)			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)																								
1	London (Kew) Croydon S. Farnborough Boscombe Down Calshot (Stmntn.) Lympne Manston	18 217 226 417 8 346 154	* * 1025.2 1025.4 1024.8 1024.4 154	* * +6 +2 +2 +2 +2	* * - NW NW WNW WNW	* * 0 1 b b b	* * 2 2 2 2 1	* * 56 55 58 54 54	* * 85 92 85 85 85	* * 7 7 7 7 7	* * - - - - -	* * - - - - -	* * 0 0 0 0 0	* * 0 0 0 0 0	* * 0 0 0 0 0	1024.9 1024.9 1025.4 1025.8 1025.1 1024.0 1024.0	+6 +6 +6 +4 +6 +2 +2	- - W - NNW H	0 0 1 1 2 3 3	20 20 20 20 20 20 20	57 57 51 50 56 58 58	85 85 97 97 97 85 85	6 6 4 1 5 6 6	- - - - - - -	- - 3 - 3 - - -	0 0 10 10 0 0 0	2.3 2.3 4.150 4.150 Tr 1 1	- - - - - - -	0 0 0 0 0 0 0	* * * * * * *	73 82 78 76 78 78 78	54 46 48 50 45 45 45	39 39 42 45 45 45 45	- - - - - - -	- - Tr - - - -	9.0 9.6 11.2 11.6 11.6 11.6 11.6																					
2	Shoeburyness Felixstowe Gorleston Mildenhall Cranwell	11 15 5 19 240	* 1023.8 1023.6 1023.9 1024.6	* +2 0 +4 +2	* NW W NW W	* 1 2 2 2	* 20 bc 20 20	* 59 60 60 54	* 92 85 85 75	* 5 6 5 5	* - - - -	* - - - -	* 1 4.6 4.6 1	* 1 2000 2500 3000	* 1023.2 1024.0 1023.5 1023.9 1024.2	+10 +6 +2 +2 -2	NW NW W W WSW	2 2 3 2 2	bc 55 52 49 51	85 85 66 97 92	6 6 6 5 5	- - - - 5	- - 7 6 7	2 6 0 0 9	2.3 4.6 0 7.8 Tr	- - - - 3000	0 0 0 0 0	* * * * *	78 78 73 75 71	54 54 52 46 45	45 50 45 38 41	- Tr Tr Tr Tr	- - - - -	8.5 4.3 2.5 3.5 0.5																							
3	Birmingham Upper Heyford Ross-on-Wye	535 408 223	* 1025.4 *	* +4 *	* - *	* 0 *	* 20 *	* 57 *	* 97 *	* 6 *	* 5 *	* * *	* 10 *	* 10 *	1024.9 1024.9 1024.7	0 0 0	SW W SSW	1 1 1	f c/f 20	54 54 54	97 97 97	2 6 6	- - 5	- - -	- 2 9	10 7.8 9	4150 800 2500	0 0 0	* * *	73 80 78	51 49 50	37 41 43	- - -	- - -	9.9 7.9 7.9																						
4	Hartland Point Bristol Portland Bill Plymouth The Lizard Scilly (St. Mary's) Guernsey	299 209 32 82 240 163 175	1025.6 1025.8 1024.8 1026.0 1026.0 1026.4 1026.4	-2 - -8 0 0 -2 -2	W - SW NW NNE N'E N'E	2 0 1 1 3 2 2	c 20 b 20 b b b	60 54 60 57 56 58 58	85 97 85 92 97 97 97	8 6 8 6 8 8 6	* - - - - - -	* - - - - - -	* 4.6 0 0 0 0 0	* 9 0 0 0 0 0	1025.0 1025.7 1025.3 1025.8 1025.5 1025.2 1025.2	0 +6 +2 +2 0 -2 -2	S - N ENE NE NE NNE	2 0 1 1 2 2 2	f f bc bc bc bc bc	57 57 59 59 56 57 57	92 97 85 85 85 85 85	8 2 5 5 8 8 5	2 - - - - - -	- - - - - - -	9 10 2.3 2.3 2.3 2.3 2.3	1200 4150 4000 1500 1500 1500 1500	0 0 0 0 0 0 0	2 * * * * * *	66 75 67 67 67 70 72	56 51 57 57 49 53 56	52 42 42 45 45 45 45	- - - - - - -	- Tr Tr Tr Tr Tr Tr Tr	9.9 11.1 10.7 12.1 12.6 12.6 12.6																							
5	Pembroke Holyhead Chester (Sealand) Manchester	142 26 16 70	1025.9 1024.7 1024.6 1024.7	0 -2 -6 -6	W W'S W'S WSW	1 2 0 1	c m m bft	59 57 47 4	97 97 97 4	7 4 5 2	- - - -	- - - -	- 10 2.3 0	- 200 2500 0	1025.3 1024.1 1024.1 1024.1	+2 +4 +4 +4	SW SW SW SW	2 1 1 1	c m m m	60 50 50 50	97 97 97 97	7 4 5 5	- 3 3 3	- - - -	- 9 9 9	10 800 800 800	0 0 0 0	1 * * *	64 63 63 61	55 45 45 45	- 40 40 40	- Tr Tr Tr	- - - -	9.7 0.0 0.0 0.0																							
6	Spurn Head Catterick Tynemouth	29 175 108	1022.8 1023.2 1022.9	0 -8 -6	W - W	5 0 3	c c bc	57 53 56	85 85 75	6 5 6	- - -	- - -	- 9 9	- 4000 3200	1022.3 1022.4 1021.9	-2 +2 0	WSW - WSW	4 0 3	c c bc	56 56 55	85 76 85	6 8 7	4 5 3	- 7 3	- 2.3 0	4.6 9 2.3	7.8 6000 -	4000 0 0	3 * 1	62 63 65	54 53 54	47 47 49	- - -	- 0.1 -	2.2 7.5 7.5																						
7	St. Abbs Head Leuchars Renfrew (Abbots I.) Eskdalemuir Point of Ayre	280 36 19 794 30	1020.5 1019.7 1022.5 1024.4 1024.4	+6 -10 -6 * 0	WNW WSW W'S * WSW	4 4 3 * 2	bc bc c * bc	53 54 54 * 52	85 75 85 * 97	8 7 7 * 8	- - - - -	- - - - -	- 2.3 2.3 7.8 4	- 3200 2800 * 4.6	1018.1 1018.4 1021.6 1021.6 1023.4	-12 -2 -2 -2 -2	WNW WSW W'S SE'S NW	5 4 4 2 3	bc c c c c	55 56 56 53 57	75 85 85 85 85	9 8 5 8 8	4 4 3 1 4	4 9 5 1 4	2.3 0.7 7.8 7.8 Tr	2.3 0.7 1500 1500 1500	0 0 0 1 0	2 * * * 1	61 67 65 65 67	51 51 52 49 51	47 47 49 44 44	- - - Tr -	- - - Tr -	9.7 4.0 6.9 4.5 4.5																							
8	Tiree Stornoway Dalwhinnie Aberdeen Wick Lerwick	22 80 1176 79 81 156	1017.4 * * * 1015.4 1010.0	-4 * * * -12 -14	SW * * * WSW W	5 * * * 4 7	ir * * * c c/r	55 * * * 54 53	97 * * * 85 92	6 * * * 7 7	- - - - - -	- - - - - -	- 7.8 10 10 7.8 4.6	- 1000 * * 1500 800	1020.8 1017.7 1020.2 1016.4 1015.0 1010.1	+4 +6 -2 -2 +8 +14	W WSW SW NW WNW W	3 4 3 3 4 5	bc ir 0 bc c c/pr	56 54 52 57 54 51	85 92 75 65 85 92	8 7 5 8 7 7	3 7 5 4 7 8	8 7 5 8 7 7	- - - - - -	- 9 10 9 9 9 9	2800 1200 800 1000 1500 1500	0 1 1 1 1 1	3 2 * * 2 *	60 57 58 58 57 55	54 53 49 49 52 50	- 0.1 - - Tr 4	- 3 - - 3 3	0.6 0.4 4.9 5.7 0.6 4.1																							
9	Blacksod Point Malin Head Aldergrove	18 84 268	1024.9 1023.6 1024.5	-6 -4 -2	S W'S WSW	2 4 1	c c c	57 57 55	97 85 85	8 6 8	- - -	- - -	- 9 9	- 2500 6800	1023.5 1022.7 1023.7	-4 0 +2	SW W WSW	1 3 2	20 c c	59 58 56	97 92 85	4 6 9	- - 5	- - 7	- 10 Tr	10 9 9	4150 4000 900	1 3 0	2 * *	62 59 63	50 52 54	- - 52	- Tr Tr	- - Tr	0.3 3.6 3.6																						
10	Birr Castle Valentia Obay. Roches Point	173 30 22	1026.2 1025.6 1025.6	-6 0 0	- N N	0 2 2	c b b	60 60 60	92 92 92	8 8 8	- - -	- - -	- 10 1	- 1500 2500	1025.3 1025.3 1025.1	+2 0 +2	S - N	1 0 1	c c c	58 60 59	97 85 97	8 8 8	5 5 5	- - -	- 9 9	9 9 9	2500 2500 2500	0 0 0	1 * 1	68 65 68	49 59 58	47 56 56	- Tr Tr	- - Tr	3.5 0.2 *																						
LONDON OBSERVATIONS														Height above M.S.L. in feet.		Weather		Temperature.			Rainfall.		Sun- shine. to Sunset. hrs.		Humidity.		Atmospheric Pollution.		EXPLANATION OF FIGURES, LETTERS, etc.																												
Day 7h-18h, Kew & Croydon.																Morning.		Afternoon.		Night.		Day Max.		Night Min.		Min. on Grass °F.		Day.		Night.		Yesterday.		To-day.		Milligrams of Solid Impurity per cubic metre.		COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.										COLUMNS 8, 22—Code for surface visibility.									
9h-18h, Kensington.																																								Objects not visible at 55 yards.																	
9h-21h, other stations except for rainfall which is 9h-18h.																24 hrs. ended 9h.		°F.		°F.		°F.		mm.		mm.																1 Thick fog 220 " 2 Fog 550 " 3 Moderate fog 1,100 " 4 Mist or haze 1 1/2 miles. 5 Poor visibility 2 1/2 " 6 Moderate " 6 1/2 " 7 Good " 12 1/2 " 8 Very good " 31 " 9 Excellent " beyond 31m.															
Kew...														18		bawbey		bayby		bybmaw		79		54		39		-		9.0		.		.		6																					
Croydon														217		cbe		cby		b		82		55		43		-		-		8.8		41		56		6																			
Greenwich (Royal Observatory)...														149								80		56		48		-		-		9.0		44		66																					
City (Bunhill Row) ...																						81		54		47		-		-		9.0		44		66																					
Westminster (St. James' Park) ...														27								80		56		48		-		-		9.0		44		66																					
Regents Pk. (Botanic Gardens)...														168								81		54		47		-		-		9.0		44		66																					
Camden Square ...														110		bc		bc		bc		82		56		47		-		-		-		-		-		-																			
Kensington ...														80		cbc		bc		bc		83		55		46		-		-		-		-		-																					
Hamstead Observatory ...														450		bc		bc																																							



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Tuesday 3rd Sept. 1940.  
No. 28775.

OBSERVATIONS at 13h. G.M.T. 2nd September.														OBSERVATIONS at 18h. G.M.T. 2nd September.														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.				Barom. at M.S.L. mb. (29)	Change in 8 hours. (30)	WEATHER.						
				Dir.	Force. 0-12 (4)				Form.	Amount. Low Total 0-10 0-10 (11) (12)	Height of Base. (feet) (13)	Dir.			Force. 0-12 (18)	Form.				Amount. Low Total 0-10 0-10 (23) (24)	Height of Base. (feet) (25)	State of Ground. 0-9 (26)	7h.-13h. 2nd. (37)			13h.-18h. 2nd. (38)	18h. 2nd to 1h. 3rd. (39)	1h.-7h. 3rd. (40)				
1	London (Kew)...	1023.9	-10	W'S	2	72	55	8	7	6	4.6	2500	1022.7	-4	NNW	2	71	55	8	5	1	7.8	9+	2500	0	*	bmbccy	cy	cycbcs	cbsmow		
	Croydon ...	*	*	WNW	2	*	*	7	1	*	2.3	0+	4500	*	*	WNW	1	*	*	7	-	4	*	0+	-	*	*	afbcc	cy	cymbcc	bFemo	
	S. Farnborough	1023.8	-14	NW	2	73	55	8	7	2	4.6	7.8	3500	1022.8	-2	W	1	73	55	6	5	-	2	3	4000	0	*	fbcno	bc	cbscmo	cmajfste	
	Boscombe Down	1024.3	-14	W	1	69	65	8	1	2	4.6	7.8	2000	1023.1	0	NW	2	70	65	8	1	-	6	0	4.6	-	0	1	bmbcc	bc	cbscmo	cmajfste
	Calshot (Soton.)	1024.1	-6	S	2	71	75	8	1	4	2.3	4.6	4000	1023.3	2	W'SW	3	68	75	8	1	-	6	0	4.6	-	0	1	bmbcc	bc	cbscmo	cmajfste
	Lympne	1024.2	-2	W'NW	3	65	66	8	7	2	4.6	7.8	2500	1023.6	2	3	62	75	8	1	7	2	0	9+	-	0	1	bmbcc	bc	cbscmo	cmajfste	
	Manston	*	*	NW	2	*	*	7	-	2	0	*	-	*	SSW	2	*	*	7	-	7	*	0	9+	-	*	*	*	*	*	*	
2	Shoeburyness ...	1023.8	-4	SSW	3	72	45	7	8	4	0	7.8	-	1022.7	-4	-	60	65	8	1	7	2	0	7.8	-	0	*	bmbccy	cy	cbscmo	cbscmo	
	Felixstowe ...	1023.5	-10	W'N	3	73	45	8	7	6	0	9	-	1021.8	-8	W	2	71	55	7	1	7	2	0	7.8	-	0	1	bmbccy	cy	cbscmo	cbscmo
	Gorleston ...	1023.1	-4	NW'N	2	64	65	7	5	4	4.6	7.8	2500	1022.5	-2	SE/E	2	61	65	7	1	6	0	7.8	-	0	1	c	c	cbscmo	bbscmo	
	Mildenhall ...	1022.7	-14	W	4	71	55	7	1	7	2.3	7.8	3500	1022.1	-2	NW	2	67	55	7	1	3	2	0	9	-	0	*	cmbccy	cy	cbscmo	bbscmo
	Cranwell ...	1023.3	-10	W'S	4	70	45	7	8	0	9	-	-	1023.0	2	W'NW	3	65	55	6	1	9	2	0	4.6	-	0	*	cmbccy	cy	cbscmo	bbscmo
3	Birmingham	1023.7	-2	W	2	66	65	8	5	7	3	10	1500	1023.0	0	NW	3	65	65	8	5	7	2	4.6	9+	4000	0	*	fbc	c	bmb	cb
	Upper Heyford	1024.1	-6	W'NW	3	70	65	8	7	3	6	2.3	7.8	2200	1023.2	-2	NW'W	3	68	65	8	4	7	1	7.8	3500	0	*	cmoc	c	cbscmo	cbscmo
4	Ross-on-Wye ...	1025.3	-14	NW	2	72	65	8	7	2	4.6	7.8	2500	1023.2	0	NW	2	68	65	8	5	1	7	7	9+	2500	0	*	c	c	cbscmo	cbscmo
5	Hartland Point	1024.6	-6	NNE	3	62	85	8	5	3	2.3	4.6	2500	1024.3	0	NW	2	61	85	8	4	6	2.3	4.6	2500	0	1	cbe	bc	bcc	co	
	Bristol ...	1024.9	-8	W'SW	2	68	75	8	1	9	4.6	4.6	2000	1023.3	-2	W'SW	1	64	75	8	1	9	2	0	9+	-	0	*	afamoc	bc	cbscmo	bbscmo
	Portland Bill ...	1024.8	-10	ENE	1	67	75	8	2	4	4.6	4.6	4000	1023.7	-10	S	1	64	85	8	1	9	2	0	9+	-	0	2	bc	bc	bbscmo	bbscmo
	Plymouth ...	1024.6	-6	SW	3	65	75	8	1	4	0	4.6	1000	1023.7	-2	SSW	2	63	85	8	1	9	2	0	4.6	-	0	2	bcc	bc	bbscmo	bbscmo
	The Lizard	1024.0	-6	E	2	71	55	8	7	1	4.6	4.6	2500	1024.2	-6	N	0	65	85	7	7	6	4.6	4.6	2500	0	1	bcc	bc	bbscmo	bbscmo	
	Seilly (St. Mary's)	1025.4	0	NNE	2	67	75	7	5	4	2.3	4.6	1200	1024.2	-6	N	0	64	85	8	4	3	1	4.6	1500	0	0	bcc	bc	bbscmo	bbscmo	
	Guernsey ...																															
6	Pembroke ...	1025.1	0	W'SW	1	62	85	7	5	2	7.8	10	1400	1024.0	-2	W'S	1	61	92	7	5	7	1	4.6	7.8	1400	0	1	c	c	bbscmo	bbscmo
7	Holyhead ...	1024.4	-2	-	0	61	85	8	1	7	9	10	8200	1023.6	-2	SW'S	2	60	85	8	1	3	0	9+	-	0	1	c	c	bbscmo	bbscmo	
	Chester (Sealand)	1024.0	-2	NE	3	62	65	8	1	7	0	10	-	1023.6	2	NW'N	2	60	75	8	5	7	1	2.3	7.8	1500	0	*	cmoc	c	bbscmo	bbscmo
8	Manchester ...	1023.9	-2	W'N	3	63	75	8	7	7	2.3	9	2500	1023.4	-2	W'NW	2	61	75	8	1	3	8	0	4.6	-	0	*	c	c	bbscmo	bbscmo
10	Spurn Head ...	1022.3	-2	W'N	3	66	75	6	4	8	2.3	7.8	4000	1021.5	0	W'S	4	62	75	6	4	4	3	2.3	7.8	4000	0	2	czo	c	bbscmo	bbscmo
	Catterick ...	1021.7	-10	N	3	64	55	8	7	3	4.6	9	4500	1021.9	2	NW	1	63	65	8	4	3	6	2.3	7.8	4000	0	4	cy	cy	bbscmo	bbscmo
	Tynemouth ...	1021.8	0	W'NW	4	64	65	8	8	3	1	4.6	4.6	3400	1021.5	2	W	3	63	75	7	2	1	4.6	4.6	3400	0	1	bc	bc	bbscmo	bbscmo
11	St. Abbs Head	1019.0	+10	W'NW	5	61	65	8	4	7	4.6	9	3100	1020.3	2	W'NW	4	62	75	8	4	5	2	2.3	4.6	3100	0	2	bcc	bc	bbscmo	bbscmo
	Leuchars ...	1019.3	+6	W	5	63	55	8	8	7	2.3	9	2800	1020.0	2	W	3	63	55	8	3	3	7.8	0	3500	0	*	cy	cy	bbscmo	bbscmo	
12	Renfrew (Abbots L.)	1022.2	+4	W'NW	3	61	65	9	5	3	7.8	9	2500	1022.0	-2	W	3	61	65	9	1	4	8	2.3	4.6	4000	1	*	c	c	bbscmo	bbscmo
	Eskdalemuir ...	1021.6	0	NW	3	61	65	8	8	3	7.8	9	2500	1021.5	0	NW'W	3	57	75	7	7	1	2.3	2.3	2500	0	*	c	c	bbscmo	bbscmo	
	Point of Ayre ...	1023.7	0	W'NW	4	63	75	8	1	7	9	9+	4000	1023.3	-2	W'N	2	63	85	8	1	3	0	7.8	-	1	1	c	c	bbscmo	bbscmo	
13A	Tiree ...	1021.7	0	W	3	61	85	8	2	3	2.3	4.6	2800	1021.4	0	W'SW	1	58	85	8	7	3	9	2.3	4.6	2500	0	2	cbe	*	odr	p
13B	Stornoway ...	1018.7	78	W'SW	5	58	85	8	7	9	9	10	1500	1020.2	78	W'SW	3	56	85	8	5	7	9	10	1500	1	2	ir	pr	cbe	bcepr	
15	Dalwhinnie ...	*	76	W'SW	3	55	75	7	5	-	10	10	800	1022.2	2	W'NW	2	53	75	7	5	5	7.8	9+	800	0	*	*	pr	b	co	buwbc
	Aberdeen ...	1018.2	+6	NW'W	3	62	65	8	7	7	4.6	9	4000	1019.1	+10	NW	3	59	75	8	7	4	2.3	7.8	2500	0	1	bcc	c	bbscmo	bbscmo	
	Wick ...													1018.5	+10	W'NW	4	54	85	8	7	6	4.6	7.8	1500	1	2	c	c	bbscmo	bbscmo	
16	Lerwick ...	1012.8	+10	W'N	5	54	75	8	8	7	4.6	7.8	1500	1017.3	+20	NE	4	50	85	8	8	7	7.8	9	800	1	*	cpr	cpr	c	c	
17	Blackod Point ...	1023.3	-2	SW	1	62	85	8	5	-	10	10	1500	1022.8	-4	SW	3	61	92	7	8	-	10	10	800	0	2	c	c	c	c	
18	Malin Head ...	1022.8	0	W	2	60	85	8	5	8	2.3	7.8	5700	1022.4	-4	SSW	1	59	92	7	3	-	9+	9+	800	0	3	c	c	c	c	
	Aldergrove ...	1023.2	-6	SW'S	2	60	55	8	5	3	4	1	9+	2000	1022.5	-2	SW	1	64	75	8	5	-	9+	9+	2500	0	*	cy	cy	cbscmo	cbscmo
19	Birr Castle ...	1024.5	-8	SW	1	64	75	8	8	-	3	9	1500	1024.0	-4	SW	1	64	75	8	5	-	9	9	2500	0	*	c	c	bc	c	
20	Valentia Obay. †	1025.1	-4	W'N	3	66	65	8	7	6	0	9	-	1024.4	-6	W'SW	3	62	85	7	7	8	0	9+	-	0	1	c	c	c	c	
	Roches Point ...	1024.5	-10	SW	2	66	75	8	1	5	2.3	4.6	4000	1023.8	-6	SW	3	64	75	8	5	3	5	2.3	7.8	2500	0	2	bc	c	c	c

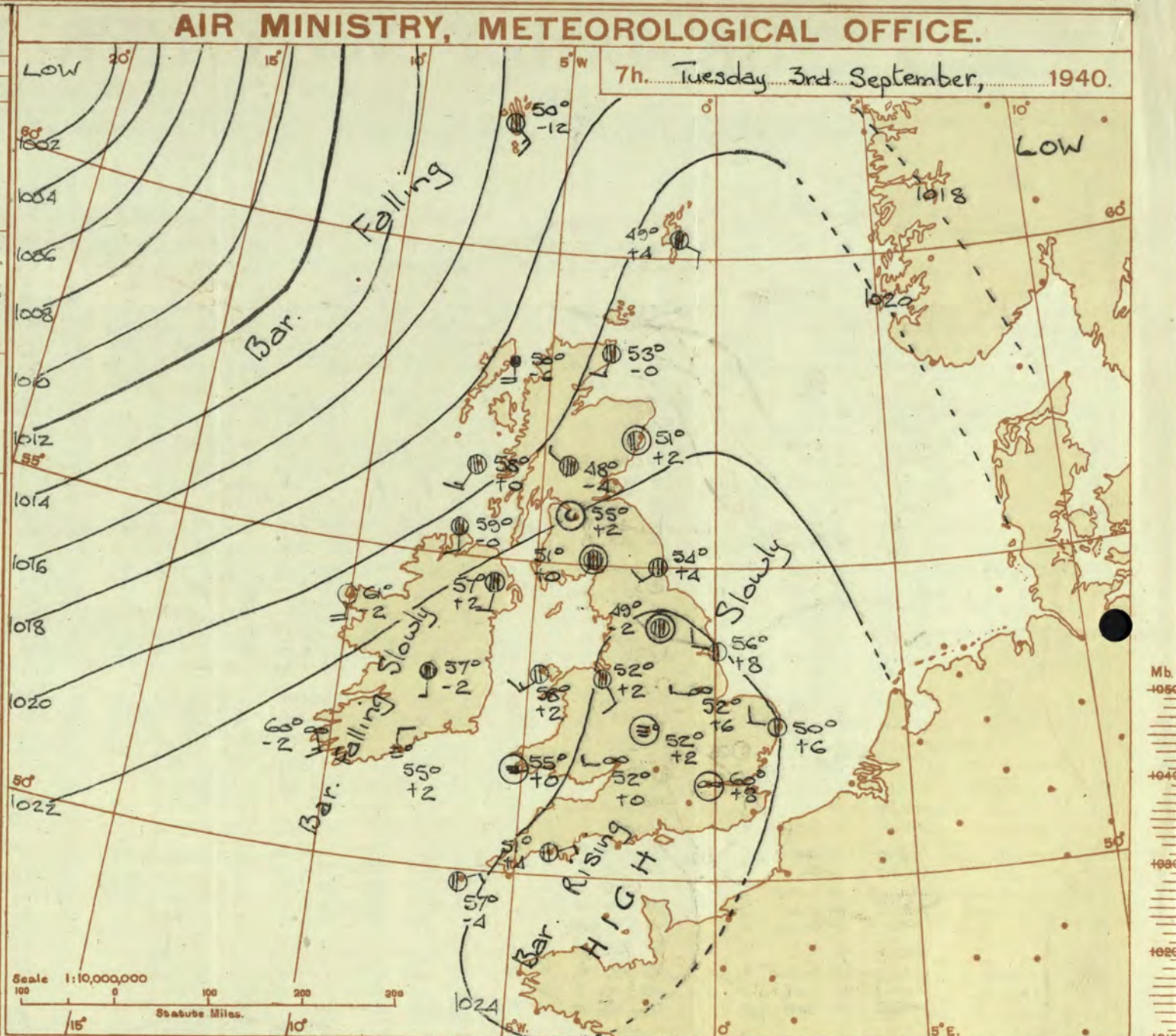
## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.



Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 2nd Sept. 18h. G.M.T.						01h. G.M.T. 3rd Sept. 07h. G.M.T.					
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>
109	8	02954	24327	80	25845	28485	5	02758	18158	5	03738
115	52	02844	26587				52	02834	24427	52	58724
203											
206	84	02965	24385	57	02865	23328	51	01854	24124	57	02066
210				8	02866	25426	51	02868	24128	54	02975
220										5	54418
230											
245				53	02065	22127	50	00861	22311	5	02956
290	17	02863	22427	44	01973	24314	50	05563	00013	53	01766
277	37	02956	24327	44	02064	18225	02	52638	16268	5	05228
279											
285	24	01844	24664	23	01843	30414				5	02847
288	77	01864	26314	70	01864	24215	00	00890	22110	53	02865
273	16	01752	21215							5	51434
301	17	02862	26327	04	02890	28225	5	05665	00015	5	08467
321	07	05690	24215	57	05691	24114	00	05690	26110	07	08490
299	67	01754	28314				50	05653	28203	50	01751
292	77	02864	22415	44	01962	24224	04	05690	00011	03	41500
310	--	05526	26326	--	02635	26425				--	01742
316	73	05654	20326	07	05690	26225	00	05590	00000	00	45300
338	51	02753	24327	57	02951	24126	04	00790	00003	57	02747
334	--	02854	22427							--	46109
340	5	02047	30327				04	05690	00013	50	43352
136	13	01751	26415	04	05690	26415	50	05532	24212	04	41590
336	--	02854	24427	--	03853	24228				--	45334
350	17	01865	24225	45	02873	26126				03	41590
368	70	01753	24225	70	01753	24225	50	05562	00012	5	05544
379	17	02744	22227				07	05690	32113	5	05666
390	10	01771	24215	04	02790	28226	03	05590	26114	04	05690
382	57	02855	25225				57	02664	00015	5	05666
438	37	01744	24315							57	01773
430	10	01762	00015	00	02790	22215	03	05690	00018	30	05690
400	00	01890	30224	00	01890	31213	50	05651	04111		

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, C<sub>M</sub> = 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. Tuesday 3rd September, 1940.
1 S.E. England	
2 E. England ...	
3 E. Midlands ...	Light variable wind, fine; local fog later at night and in early morning,
4 W. Midlands ...	warm.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light or moderate southwest wind, mainly cloudy, occasional slight
10 N.E. England	local rain, rather warm.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	Moderate south or southwest wind, becoming fresh or strong locally
14 Mid Scotland	later, cloudy, occasional rain, average temperature.
15 N.E. Scotland	as 7-11
16 Orkneys and Shetlands	as 12-14.
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	Light or moderate southerly wind, cloudy, local drizzle, rather close.
20 S.W. Ireland	



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

#### GENERAL INFERENCE.

An anticyclone over England is moving eastward. A depression off southwest Iceland is extending its influence and a trough of low pressure seems likely to form off our western coasts. A small depression off southwest Portugal is moving north. Weather will be unsettled in the northwest but fine over most of England and Wales, though there are indications of a change after tomorrow.

#### FURTHER OUTLOOK.

Unsettled conditions in the northwest probably extending slowly over the whole country, giving a complete change of weather over England.

Forecasts issued at 10.30 G.M.T.

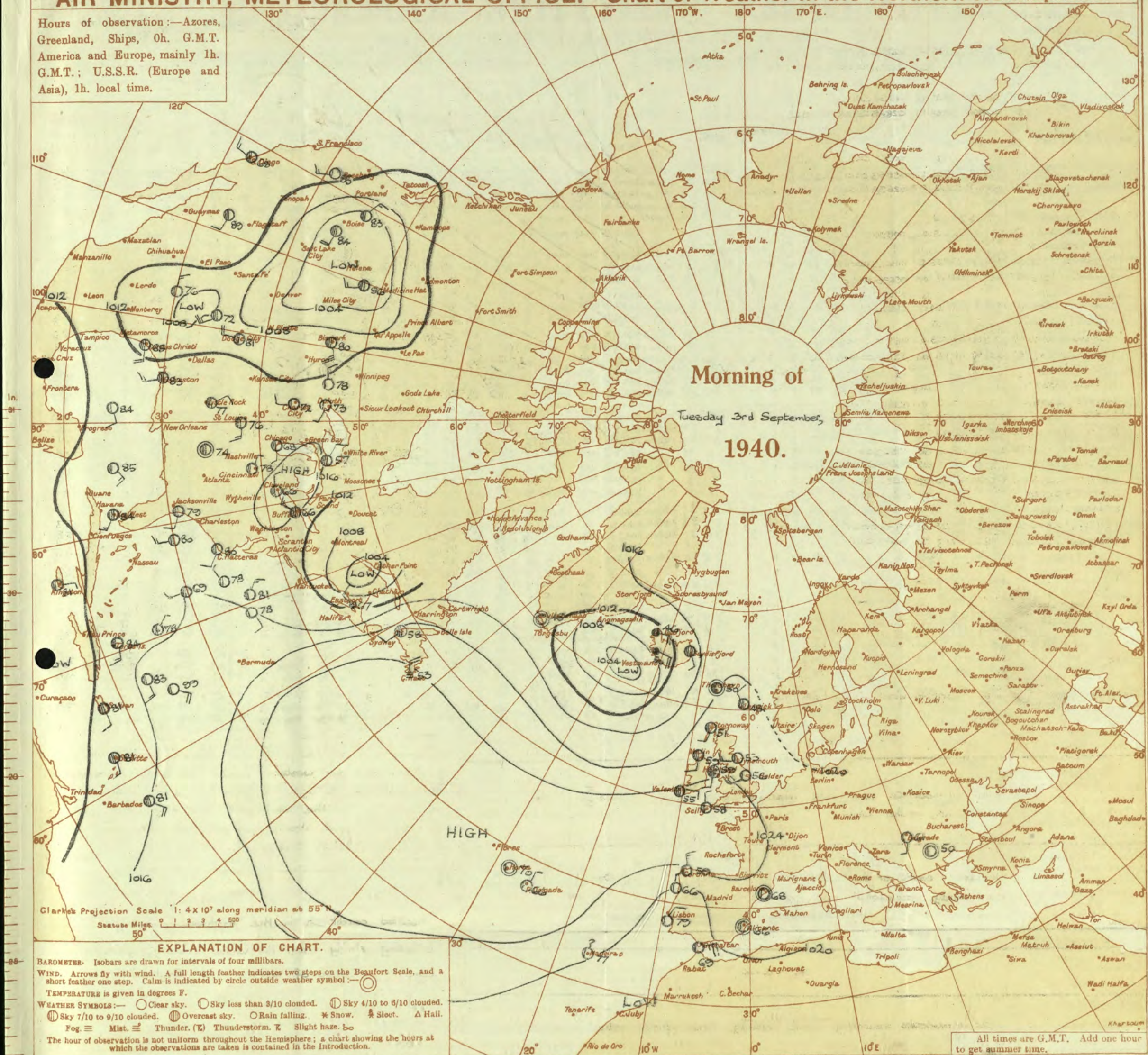
N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.

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



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

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





## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Tuesday 3rd September 1940.  
No. 28775

OBSERVATIONS at 1 hr. G.M.T. 3rd September														OBSERVATIONS at 7 hr. G.M.T. 3rd September														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.					Sea. 0-9 (29)	TEMPERATURE.			RAINFALL.		SUN-SHINE Hrs. (36)		
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)	Force. (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (28)	Max. Day 7h-13h °F. (31)	Min. Night 13h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-13h mm. (34)		Night 13h-7h mm. (35)							
																															0-12 (5)	0-9 (8)	0-10 (11)	0-10 (12)		0-10 (13)	0-12 (18)
1	London (Kew) ... 18	217	1024.3	+2	-	0	20	56	92	6	5	-	6	Tr	4-6	4000	1024.6	+8	-	0	20	60	85	6	5	3	9	2-3	7-8	1000	0	74	58	47	-	-	8.2
	Croydon ... 226	1024.3	+2	-	0	20	56	92	6	5	-	6	Tr	4-6	4000	1025.0	+6	-	0	20	52	97	5	-	3	-	0	7-8	-	0	77	49	42	-	-	6.7	
	S. Farnborough ... 417	1024.2	+4	-	0	20	57	92	6	5	7	-	1-6	9	2000	1024.6	+6	-	0	20	53	97	6	-	4	-	0	1	-	0	73	50	44	-	Tr	5.1	
	Boscombe Down ... 8	1023.6	-2	NW	1	1	60	97	5	5	-	10	10	7200	1024.0	+6	NW	1	20	57	97	6	-	4	-	0	1	-	0	75	55	51	-	-	11.1		
	Calshot (St. Mary's) ... 346	1024.0	+2	WN	1	1	55	97	3	5	-	2-3	2-3	4000	1024.3	+6	-	0	20	58	92	6	5	3	-	1-6	1-6	4000	0	71	54	44	-	-	9.5		
	Lymington ... 154	*	*	*	N	2	20	*	*	6	1	-	7-8	7-8	4000	*	*	NW	1	20	*	*	6	-	-	-	0	-	0	*	*	*	*	*	*	*	
2	Shoeburyness ... 11	1023.7	+6	NW	2	20	59	75	6	-	-	-	0	0	-	1024.7	+10	NW	2	bc	58	85	6	-	4	-	0	2-3	-	0	75	54	44	-	-	7.6	
	Felixstowe ... 15	1023.7	+4	WNW	2	20	54	92	6	-	-	-	0	0	-	1024.0	+6	WN	2	bc	50	92	6	-	4	-	0	2-3	-	0	66	49	45	-	-	0.0	
	Gorleston ... 5	1023.7	+4	W	1	20	52	85	6	5	-	2-3	2-3	4000	1024.4	+12	WSW	2	20	50	97	5	-	-	1	0	Tr	-	1	74	45	38	-	Tr	6.8		
	Mildenhall ... 19	1023.5	+4	W	1	20	52	85	6	5	-	2-3	2-3	4000	1024.4	+12	WSW	2	20	50	97	5	-	-	1	0	Tr	-	1	74	45	38	-	Tr	6.8		
	Cranwell ... 240	1024.0	+2	NW	2	20	55	85	6	-	-	-	0	0	-	1024.8	+6	W	1	20	52	85	5	-	1	0	Tr	-	0	71	49	46	-	-	6.8		
3	Birmingham ... 535	1024.4	+6	-	0	bc	56	92	7	5	-	1	2-3	4-6	3000	1025.1	+2	-	0	m	52	97	4	-	1	0	Tr	-	0	70	50	33	-	-	2.0		
	Upper Heyford ... 408	1024.4	+6	-	0	bc	56	92	7	5	-	1	2-3	4-6	3000	1024.7	+4	NW	2	20	54	97	5	5	3	1	2-3	1-6	3000	0	72	51	42	-	-	5.3	
	Ross-on-Wye ... 223	1024.4	+6	-	0	bc	56	92	7	5	-	1	2-3	4-6	3000	1024.7	+4	WS	1	20	52	97	5	5	-	9	9	2500	0	75	49	43	-	-	5.3		
5	Hartland Point ... 299	1024.3	0	NE	1	c	59	97	8	5	-	9	9	2000	1023.9	+6	NE	1	0	58	97	7	5	-	-	10	10	500	0	1	65	56	52	-	-	7.3	
	Bristol ... 209	1024.3	0	-	0	m	57	92	4	-	-	-	0	0	-	1024.8	+6	-	0	F	53	97	1	-	3	-	0	Tr	-	0	73	52	44	-	Tr	4.9	
	Portland Bill ... 32	1023.8	-2	W	1	bc	60	85	8	4	-	1-6	1-6	4000	1023.7	-6	E	1	bc	62	85	8	5	-	-	1-6	1-6	4000	0	2	67	59	42	-	-	11.9	
	Plymouth ... 82	1024.3	+4	NNE	1	bc	54	92	6	5	-	1	1	2-3	3000	1024.2	+4	NNE	1	bc	51	92	8	-	-	6	0	1-6	-	0	66	50	42	-	-	11.9	
	The Lizard ... 240	1024.4	+2	NE	2	bc	57	92	8	4	-	2-3	2-3	2500	1024.3	+10	NNE	2	bc	59	85	8	7	6	-	1-6	1-6	2500	0	1	72	56	*	-	-	12.2	
	Scilly (St. Mary's) ... 163	1024.7	+2	NNE	1	bc	58	97	7	5	-	2-3	2-3	2000	1023.6	-4	NE'E	1	bc	57	97	7	5	4	4	2-3	1-6	2200	0	1	70	54	*	-	0.1	10.7	
	Guernsey ... 175	1024.7	+2	NNE	1	bc	58	97	7	5	-	2-3	2-3	2000	1023.6	-4	NE'E	1	bc	57	97	7	5	4	4	2-3	1-6	2200	0	1	70	54	*	-	0.1	10.7	
6	Pembroke ... 142	1024.4	-2	N	1	b	56	97	7	1	-	-	1	1	3000	1023.6	0	-	0	cF	55	97	1	-	-	10	10	450	0	1	65	53	*	-	Tr	2.0	
	Holyhead ... 26	1023.8	0	SW	2	bc	59	85	7	5	-	7-8	7-8	4500	1023.5	+2	SW	3	bc	58	92	8	5	9	6	1	1-6	3000	0	2	64	57	54	-	-	3.6	
	Chester (Sealand) ... 16	1024.2	0	SE	1	bc	50	97	6	5	-	2-3	2-3	4000	1024.1	+2	SE	2	c	52	92	6	5	-	-	9	9	3500	0	*	68	50	44	-	-	3.1	
	Manchester ... 70	1024.2	+2	-	0	bft	46	97	2	-	-	-	0	0	-	1024.3	+2	ESE	1	cF	52	97	3	5	-	9	9	4000	1	*	64	43	39	-	-	1.2	
10	Spurn Head ... 29	1022.9	0	W	4	b	56	85	6	-	-	-	0	0	-	1023.9	+8	WN	2	bc	56	92	6	-	4	0	2-3	-	0	2	66	53	*	-	-	4.7	
	Catterick ... 175	1023.7	+4	-	0	b	46	97	7	-	4	-	0	1	-	1023.5	-2	-	0	c	49	92	8	5	3	-	1-6	9	4000	0	1	67	43	39	-	-	7.5
	Tynemouth ... 108	1022.5	+6	W	3	b	53	85	6	-	3	-	0	1	-	1022.5	+4	SW	2	c	54	85	5	5	-	-	9	9	3400	0	1	67	52	48	-	-	*
11	St. Abbs Head ... 280	1021.8	0	WNW	3	bc	55	75	8	4	-	2-3	2-3	2800	1021.9	+2	SW	2	c	54	85	8	5	4	-	1-6	7-8	4400	0	1	62	51	*	-	-	*	
	Leuchars ... 36	1021.9	+6	WSW	1	bc	52	85	8	5	-	2-3	2-3	3500	1021.6	0	SW	1	c	52	85	8	5	8	-	1-6	7-8	3500	0	*	67	49	41	-	-	3.3	
	Renfrew (Abbots I.) ... 19	1022.9	+2	-	0	c	52	92	6	5	3	-	1-6	9	3000	1022.2	+2	-	0	10	55	97	5	5	7	-	9	10	800	1	*	65	80	41	-	Tr	5.8
	Eskdalemuir ... 794	1023.3	0	W	3	c	61	92	8	5	1	-	7-8	10	2500	1022.6	0	-	0	c/r	51	97	5	-	2	-	10	10	220	1	*	63	45	38	-	0.2	6.4
	Point of Ayre ... 30	1023.3	0	W	3	c	61	92	8	5	1	-	7-8	10	2500	1022.6	0	W	3	c	59	92	8	5	-	9	9	4000	0	2	69	56	*	-	-	5.4	
13a	Three ... 22	1020.5	-2	SSW	2	bc	51	92	7	5	-	1-6	1-6	1500	1019.5	-6	SW	3	m	58	97	4	5	-	-	10	10	200	1	2	62	55	*	-	1	6.7	
13b	Stornoway ... 80	1020.5	-2	SSW	2	bc	51	92	7	5	-	1-6	1-6	1500	1019.4	-6	SW	3	d	50	97	6	5	2	-	9	10	800	1	2	60	50	*	-	1	2.2	
15	Dalwhinnie ... 1170	1020.5	-2	SSW	2	bc	51	92	7	5	-	1-6	1-6	1500	1019.4	-6	SW	3	d	50	97	6	5	2	-	9	10	800	1	2	60	50	*	-	1	2.2	
	Aberdeen ... 79	1020.4	+4	W	2	c	50	92	7	5	7	-	7-8	9	1500	1020.2	0	SSW	2	c																	



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH  
Wednesday 4th September 1940.  
No. 28776

OBSERVATIONS at 13h. G.M.T. 3rd September														OBSERVATIONS at 18h. G.M.T. 3rd September														PAST 24 HOURS.							
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.							
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Form. (23)			Amount. (24)	Height of Base. (feet) (25)					7h.—13h. 13h.—18h. 18h.—24h. 24h.—7h.													
																						Low. (12)	Total 0-10 (13)	Low (26)	Total 0-10 (27)			Low (28)	Total 0-10 (28)	7h.—13h. ...3rd... (37)	13h.—18h. ...3rd... (38)	18h.—24h. 1h.—4th... (39)	24h.—7h. ...4th... (40)		
1	London (Kew)...	1024.0	-6	W'S	2	b	73	55	6	1	1	Tr	2-3	4000	1022.4	-6	SSW	2	c	72	65	8	7	1	2-3	7-8	4000	0	*	bbc bz	bz bz	bcbw	bcbw		
	Croydon ...	1022.1	-4	WSW	1	z	74	55	6	1	1	1	1	4000	1022.5	-4	SSW	1	bc	73	55	7	1	1	2-3	7-8	4000	0	*	bcbw	bz bz	bcbw	bcbw		
	S. Farnborough	1023.7	-14	WSW	1	z	78	45	7	1	1	4-6	4-6	3500	1022.7	-4	SSW	3	bc	78	55	7	1	1	2-3	7-8	4000	0	*	bcbw	bz bz	bcbw	bcbw		
	Boscombe Down	1023.8	-8	SWW	2	z	78	45	7	1	1	4-6	4-6	2500	1022.0	-12	S	3	bc	71	55	7	1	1	2-3	7-8	4000	0	*	bcbw	bz bz	bcbw	bcbw		
	Calshot (Soton.)	1024.1	-4	SW	3	c	77	55	7	1	1	Tr	7-8	3500	1022.8	-10	SW	2	bc	70	55	7	1	1	2-3	7-8	4000	0	1	bcbw	bz bz	bcbw	bcbw		
	Lympe ...	1024.5	-6	SSE	2	b	71	65	8	1	1	0	0	-	1023.3	-2	SE	1	bc	68	85	7	1	1	2-3	7-8	4000	0	5	bcbw	bz bz	bcbw	bcbw		
	Manston ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
2	Shoeburyness ...	1024.0	-8	SE'S	2	b	71	65	5	1	3	0	1	-	1022.8	-8	SE'S	3	bc	66	85	6	1	1	2-3	7-8	4000	0	*	bz	bz	bcbw	bcbw		
	Felixstowe ...	1024.4	-4	SSE	3	z	69	92	6	1	4	0	Tr	-	1023.2	-6	SE	2	z	65	75	6	5	1	4-6	7-8	7000	0	1	bz	bz	bcbw	bcbw		
	Gorleston ...	1024.6	0	ENE	2	b	63	75	6	1	1	0	0	-	1024.1	-6	NE	2	c	62	85	6	1	1	7-8	9+	4000	0	1	bcbw	bz bz	bcbw	bcbw		
	Mildenhall ...	1024.0	-6	NNW	1	bc	74	45	7	1	3	6	0	4-6	1022.5	-8	NE'S	2	c	71	55	7	1	1	2-3	7-8	4000	0	*	bcbw	bz bz	bcbw	bcbw		
	Cranwell ...	1024.3	-10	WSW	2	bc	72	45	7	1	3	6	0	4-6	1022.9	-10	SE	1	c	67	65	7	5	7	7-8	9+	5000	0	*	bcbw	bz bz	bcbw	bcbw		
3	Birmingham	1023.5	-4	SW	1	bc	72	45	8	1	2	0	4-6	-	1022.0	-8	SW	1	c	71	45	8	5	7	4-6	7-8	4000	0	*	bcbw	bz bz	bcbw	bcbw		
	Upper Heyford	1024.0	-8	WSW	2	bc	75	45	7	1	3	2	0	2-3	-	1022.2	-2	-	1	c	75	45	7	1	3	9	0	7-8	-	0	bc	bcbw	bcbw	bcbw	
4	Ross-on-Wye ...	1023.4	-12	SW	2	z	74	55	6	1	6	0	4-6	-	1021.7	-6	SW	1	bc	73	45	7	1	4	6	0	4-6	-	0	bc	bcbw	bcbw	bcbw		
5	Hartland Point	1023.6	-6	NE	2	c	61	85	7	4	4	3	2-3	7-8	1500	1021.7	-8	NE	2	bc	62	37	7	1	6	0	4-6	-	0	1	bc	bz	bcbw	bcbw	
	Bristol ...	1024.0	-8	SSW	2	bc	76	55	7	1	2	1	4-6	3000	1021.8	-12	SW	1	bc	76	55	8	1	4	2	0	4-6	-	0	1	bcbw	bz bz	bcbw	bcbw	
	Portland Bill ...	1023.8	-6	SSW	3	bc	69	75	8	1	2	0	4-6	-	1022.6	-8	SSW	1	bc	63	85	8	2	1	4-6	4-6	4000	0	2	bcbw	bz bz	bcbw	bcbw		
	Plymouth ...	1023.8	-6	SSW	3	bc	69	75	8	1	2	0	4-6	-	1022.0	-6	SSW	3	bc	63	75	8	1	1	2-3	7-8	3000	0	1	bcbw	bz bz	bcbw	bcbw		
	The Lizard ...	1023.8	-6	E	2	bc	69	75	8	1	2	0	4-6	-	1022.0	-6	E'S	2	bc	66	75	8	7	7	2-3	7-8	3000	0	1	bcbw	bz bz	bcbw	bcbw		
	Scilly (St. Mary's)	1024.0	-2	NE'S	2	bc	70	65	8	1	3	1	4-6	1200	1022.1	-14	-	0	bc	67	75	8	5	4	3	1	4-6	2500	0	0	bcbw	bz bz	bcbw	bcbw	
	Guernsey ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
6	Pembroke ...	1024.1	-8	SSE	2	bc	63	85	7	2	6	1	2-3	4-6	2500	1022.4	-12	NNW	1	bc	61	85	7	1	4	1	2-3	4-6	3000	0	1	bcbw	bz bz	bcbw	bcbw
7	Holyhead ...	1023.1	-10	SW'S	3	c	61	92	8	7	3	1	7-8	9+	4000	1021.4	-6	SW	2	b	61	85	8	3	1	Tr	1	4500	0	1	bcbw	bz bz	bcbw	bcbw	
	Chester (Sealand)	1023.3	-10	SE	2	c	71	55	7	5	7	1	7-8	10	3500	1021.4	-14	MNE	1	bc	68	65	8	3	1	0	7-8	-	0	1	bcbw	bz bz	bcbw	bcbw	
8	Manchester ...	1024.0	-14	W	1	c	63	65	7	5	3	1	4-6	3+	4000	1022.2	-8	ENE	1	m	66	75	4	5	3	2-3	7-8	7000	1	*	bcbw	bz bz	bcbw	bcbw	
10	Spurn Head ...	1024.2	-2	SE'S	2	c	62	92	7	4	4	1	4-6	3+	4000	1022.7	-4	SE'S	3	c	59	85	7	1	5	0	7-8	-	0	2	bc	bcbw	bcbw	bcbw	
	Catterick ...	1023.4	-6	W	2	c	66	65	8	5	7	1	4-6	3+	4000	1022.1	-6	-	0	bc	67	65	7	8	6	4-6	4-6	3500	0	*	bcbw	bz bz	bcbw	bcbw	
	Tynemouth ...	1022.8	-4	SSE	2	z	59	85	6	3	7	1	9	9	3000	1022.4	-2	SE	2	c	60	85	6	5	7	9	5	2500	0	1	bcbw	bz bz	bcbw	bcbw	
11	St. Abbs Head	1021.9	-4	SW	2	c	64	75	8	5	5	1	7-8	9+	4000	1020.8	-6	SW	2	c	62	75	8	5	2	7-8	10	2500	0	1	bc	bz	bcbw	bcbw	
	Leuchars ...	1021.4	-6	W	2	z	65	65	6	3	1	1	10	10	1800	1019.9	-10	S	1	z	64	75	6	5	6	7-8	9+	2800	0	*	bc	bcbw	bcbw	bcbw	
12	Reufrew (Abbots L.)	1022.3	-2	SW	3	c	67	65	8	7	1	1	7-8	9+	1600	1020.3	-10	SW'S	3	c	64	75	7	5	3	1	4-6	3+	3800	0	*	bcbw	bz bz	bcbw	bcbw
	Eskdalemuir ...	1022.3	-4	SW'S	3	c	61	85	7	5	1	1	10	10	1500	1021.3	-6	SW'S	3	c	59	85	7	5	1	10	10	1500	1	*	bcbw	bz bz	bcbw	bcbw	
	Point of Ayre ...	1023.0	0	NNW	3	c	67	75	8	5	1	1	7-8	7-8	4000	1021.3	-12	SW	3	bc	61	97	8	1	1	0	4-6	-	0	2	bcbw	bz bz	bcbw	bcbw	
13A	Tiree ...	1019.3	0	SW	4	id	61	85	7	5	1	1	10	10	1200	1017.4	-6	S	3	id	58	97	6	5	1	10	10	1200	1	3	bcbw	bz bz	bcbw	bcbw	
13B	Stornoway ...	1017.0	-10	S	4	id	57	97	5	5	1	1	10	10	1000	1015.9	-16	S	5	pr	57	97	6	6	2	10	10	450	1	3	bcbw	bz bz	bcbw	bcbw	
15	Dalwhinnie ...	1017.0	0	SW	1	id	55	92	7	5	1	1	10	10	800	1019.3	-14	SW	2	pr	58	85	6	5	1	4-6	3+	800	0	*	bcbw	bz bz	bcbw	bcbw	
	Aberdeen ...	1020.7	-2	S	3	bc	61	65	8	8	3	1	2-3	2500	1019.3	-4	S	1	c	63	75	7	7	3	5	7-8	7-8	4000	0	1	bcbw	bz bz	bcbw	bcbw	
	Wick ...	1019.9	-8	S	3	bc	58	85	8	5	6	1	2-3	2500	1017.7	-12	S	2	c	56	52	8	5	7	4	4-6	3	1800	1	2	bcbw	bz bz	bcbw	bcbw	
16	Lerwick ...	1020.8	-4	S	4	c	52	92	8	8	7	1	7-8	9+	800	1018.9	-12	S	4	c	53	57	8	5	7	4-6	3+	800	0	*	bcbw	bz bz	bcbw	bcbw	
17	Blacksod Point..	1020.5	-4	S	4	c	65	85	7	3	5	1	4-6	7-8	800	1018.0	-12	S	7	c	62	85	7	5	1	4-6	3+	800	0	3	bc	bz	bcbw	bcbw	
18	Malin Head ...	1020.2	-4	SSW	2	z	64	85	6	9	1	1	4-6	7-8	2500	1018.1	-10	SSW	2	c	63	85	8	4	6	2-3	7-8	5700	0	0	bc	bcbw	bcbw	bcbw	
	Aldergrove ...	1021.6	-6	SSW	3	z	67	65	6	8	3	1	4-6	7-8	2000	1019.4	-6	SE	1	c	67	75													

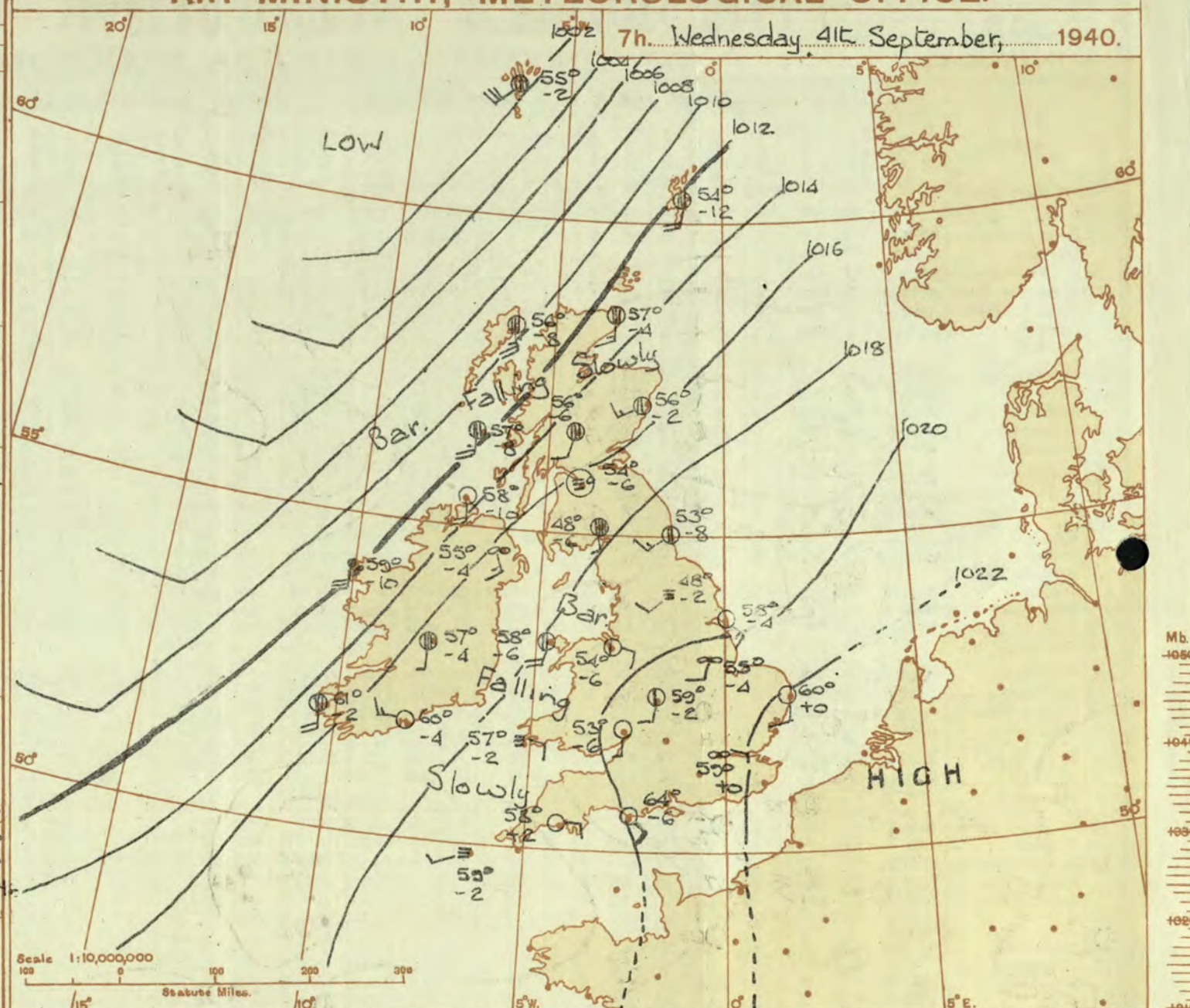


Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 3rd Sept.				18h. G.M.T.				01h. G.M.T. 4th Sept.			
III	C	wwVhN	DDFWN	C	wwVhN	DDFWN	C	wwVhN	DDFWN	C	wwVhN
109	07	03890	16458	50	02754	18325	5-	02757	00057	53	02944
115	52	02944	20457	52	81735	20488	87	81734	20587	53	02944
203											
206	5-	02967	20117	53	02965	20227	5-	02858	24328	57	02854
210	5-	02857	06117	53	02954	20125				57	02863
220	5-	21528	24358	62	22525	24468	5-	02865	16225	53	02843
230											
245	53	01934	16324	5-	08655	20325	50	00763	24103	53	01663
260	2-	02866	20216	50	01874	18115	50	01773	00013	09	05600
277	23	01753	17344	07	02830	15316	5-	05627	14327	5-	00627
279											
285	3-	03638	24458	20	01744	24314				13	01742
288	8-	02867	15227	70	01763	16113	00	47300	00000	00	05500
273										11	05552
301	07	02790	24227	05	05630	00025	00	47300	00000	00	47300
321	07	05690	23114	07	05690	09166	00				
299	57	02754	15216	57	05644	17214	00	05600	20200	50	05542
292	77	02764	24127	03	05690	16113	00	08400	00000	00	41490
310	--	05326	24226	--	01634	24214	--			--	01742
316	58	05671	20244	57	05675	00027	00	00530	00010	00	41430
333	17	02961	20226	03	02890	17124	00	47300	04100	00	00790
334	--	02874	24115	--	01885	00015	--			--	03490
340	53	02975	18217	03	01890	14214	00	08490	00000		
136	15	01861	26214				07	05630	10212	00	05600
336	--	01842	24413	--	01861	16412	--			--	01852
350	03	01790	20114	03	01790	02115	04	05690	18212	13	05690
368	00	05690	18215	03	01830	24114	50	05661	00001	00	05690
379	03	05690	20214	03	01790	20114	00	05690	22100	10	05664
390											
382	00	01790	17103	10	01862	00014	00	05690	00000	10	05663
438	00	00790	24300							00	00790
430	10	05661	18414				00	05690	07100	03	05690
409	00	01890	02243	00	01890	00013	00	00790	11310	00	05700

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, C<sub>m</sub> = 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 4th September, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th September, 1940.
1 S.E. England	
2 E. England ...	Light southerly wind; fine; local fog in early morning, very warm.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Light or moderate southerly wind, fair at first, more cloud tomorrow with chance of thundery rain, local coast fog, warm or very warm.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1-4.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate southerly wind, fair at first, occasional rain later, warm.
13 { A.W. Scotld. B.N.W. Scot- land.	Fresh or strong southerly wind, veering and moderating later, cloudy some rain; average temperature.
14 Mid Scotland	
15 N.E. Scotland	As 11-12.
16 Orkneys and Shetlands	As 13-14.
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	As 11-12.
20 S.W. Ireland	

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

### GENERAL INFERENCE.

The Anticyclone which has passed to eastward of the British Isles is still retreating and a trough of low pressure is approaching west Ireland. Less settled weather will spread slowly eastward, but weather will continue fine for the present over a large part of England.

### FURTHER OUTLOOK.

Unsettled in west and north, becoming thundery in southeast.

Gale warning issued at 20.40 hour on 3rd September, 1940, in western coastal districts of Scotland and Ireland and in Orkneys and Shetlands area.

Forecasts issued at 10.30. G.M.T.

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

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



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

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





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



AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Thursday 5th September 1940.  
No. 28777

OBSERVATIONS at 13h. G.M.T. 4th September														OBSERVATIONS at 18h. G.M.T. 4th September														PAST 24 HOURS.						
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. mi. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility. mi. (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.						
				Dir.	Force. 0-12 (4)				Low.	Med.	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base (feet) (14)	Low.				Med.	High (23)	Low 0-10 (24)	Total 0-10 (25)	Height of Base (feet) (28)			7h.-13h. 4th (37)	13h.-18h. 4th (38)	18h.-to 1h.-5th (39)	1h.-7h. 5th (40)			
1	London (Kew)...	1019.9	-10	SW'S	4	77	45	8	-	-	-	Tr	Tr	4000	1019.0	-2	S	3	77	45	8	-	-	-	0	0	-	0	*	bwy	by	bybw	bmo	
	Croydon ...	*	-6	SE	1	74	45	9	1	-	-	Tr	Tr	4000	1019.3	+	SW	1	74	45	7	-	-	-	0	0	-	0	*	bwy	by	bybw	bmo	
	S. Farnborough	1019.9	-6	SSW	3	85	35	8	1	-	-	Tr	Tr	3500	1019.0	-4	SW	3	77	35	8	-	-	-	0	0	-	0	*	bcmoby	by	bymo	bwfmo	
	Boscombe Down	1019.4	-6	SSW	3	81	45	7	1	-	-	Tr	Tr	4000	1018.5	-4	S	4	73	55	7	-	-	-	0	0	-	0	*	bcmoby	bzo	bymo	bwfmo	
	Calshot (Soton.)	1020.4	-6	SE'S	2	71	75	7	-	-	-	0	Tr	-	1019.4	-4	SE	2	70	75	8	-	-	-	0	0	-	0	1	bcmob	b	bymo	bwfmo	
	Lympne ...														1020.9	-4	SSW	3	72	55	8	-	-	-	0	0	-	0	*	b	b	b	b	
	Manston ...														*	-	S	2	72	55	7	-	-	-	0	0	-	0	*	b	b	b	b	
2	Shoeburyness ...	1021.0	-14	SE'S	2	77	55	6	-	-	-	0	0	-	1019.9	-4	SE	3	71	65	8	-	-	-	0	0	-	0	*	bzo	bzo	bzo	bzo	
	Felixstowe ...	1021.7	-6	SE	3	72	75	6	-	-	-	0	0	-	1020.2	-6	SW	3	69	75	8	-	-	-	0	0	-	0	1	bzo	bzo	bzo	bzo	
	Gorleston ...	1021.5	-2	NE	3	65	85	6	-	-	-	0	0	-	1019.8	+6	S	4	66	85	7	-	-	-	0	0	-	0	3	bzo	bzo	bzo	bzo	
	Mildenhall ...	1019.7	-10	S	4	84	35	8	1	-	-	Tr	Tr	3500	1017.9	-6	SSW	4	81	45	8	-	-	-	0	0	-	0	*	bmo	bmo	bmo	bmo	
	Cranwell ...	1018.1	-22	SW	5	84	35	8	1	-	-	7-8	7-8	2500	1016.7	-4	WSW	3	79	35	8	-	-	-	0	0	-	0	*	bmo	bmo	bmo	bmo	
3	Birmingham ...	1017.8	-8	SSW	4	79	35	8	-	-	-	0	0	-	1016.1	-8	SW	3	79	35	8	-	-	-	0	0	-	0	*	b	b	b	b	
	Upper Heyford	1018.5	-14	S	4	84	35	8	1	-	-	1	1	4000	1018.5	0	S	3	79	45	8	-	-	-	0	0	-	0	*	b	b	b	b	
4	Ross-on-Wye ...	1018.1	-6	SSW	4	79	35	8	-	-	-	1	0	Tr	-	1016.8	-6	S	3	76	45	8	-	-	-	0	0	-	0	*	b	b	b	b
5	Hartland Point	1018.9	-4	WSW	4	63	85	8	-	-	-	0	0	-	1018.4	0	WSW	3	63	92	8	5	-	-	7-8	7-8	800	0	2	c	c	c	c	
	Bristol ...	1018.7	-8	SW	5	81	45	8	1	-	-	Tr	Tr	3000	1017.9	-2	SW	3	75	55	8	-	-	-	0	0	-	0	2	b	b	b	b	
	Portland Bill ...	1020.2	+6	SE	1	69	85	8	-	-	-	0	0	-	1019.2	-6	S	1	64	92	8	-	-	-	0	0	-	0	2	b	b	b	b	
	Plymouth ...	1019.6	-2	SSW	3	67	85	8	-	-	-	0	0	-	1019.5	-4	SW'S	3	64	92	8	-	-	-	2-3	2-3	100	0	1	b, cf	b, cf	b, cf	b, cf	
	The Lizard ...	1019.9	0	W'S	2	65	92	7	4	-	-	2-3	2-3	2500	1019.5	-2	W	2	65	85	8	-	-	-	2-3	2-3	2500	0	1	b, cf	b, cf	b, cf	b, cf	
	Scilly (St. Mary's)	1019.6	0	SWW	2	70	65	8	-	-	-	4-6	4-6	1600	1019.3	-2	SW	2	66	75	8	8	6	-	4-6	4-6	1800	0	0	b	b	b	b	
	Guernsey ...																																	
6	Pembroke ...	1018.8	-6	SW	3	65	85	2	2	-	-	2-3	2-3	3000	1018.2	-12	SW	4	63	92	7	2	-	-	2-3	2-3	2000	0	2	fbc	fbc	fbc	fbc	
7	Holyhead ...	1017.2	-2	SSW	4	66	85	7	1	3	-	Tr	Tr	1500	1016.0	-2	SW'S	4	63	92	8	1	3	-	Tr	Tr	2200	0	3	b	b	b	b	
	Chester (Sealand)	1016.7	-8	NW	3	75	45	8	1	-	-	1	1	3500	1016.0	-6	NW'S	3	71	65	6	-	-	-	Tr	Tr	3500	0	*	b	b	b	b	
8	Manchester ...	1017.2	-14	S	3	79	45	7	-	-	-	0	0	-	1016.3	+2	NW'S	3	69	65	7	-	-	-	0	0	-	0	*	b	b	b	b	
10	Spurn Head ...	1019.1	+8	SE'E	4	69	65	7	-	-	-	0	0	-	1016.3	-2	SSW	3	73	55	7	-	4	-	0	1	-	0	1	bzo	bzo	bzo	bzo	
	Catterick ...	1015.5	-26	WSW	4	79	45	7	1	-	-	Tr	1	3500	1015.7	+4	WSW	2	70	55	7	5	-	-	2-3	2-3	4000	0	*	fzby	b	b	b	
	Tynemouth ...	1017.1	-16	SSW	3	66	65	5	-	-	-	3	0	2-3	1015.3	0	WSW	3	76	45	7	-	-	-	0	0	-	0	1	bcm	bcm	bcm	bcm	
11	St. Abbs Head	1013.0	+4	SW	3	72	55	8	4	4	-	2-3	2-3	3000	1013.8	+6	SW	3	65	85	8	4	-	-	2-3	2-3	3000	0	1	b	b	b	b	
	Leuchars ...	1013.9	-14	SSW	3	71	85	8	7	-	-	2-3	4-6	3200	1012.7	-6	SW	3	65	65	7	8	7	-	2-3	4-6	3200	0	*	bcmob	bcmob	bcmob	bcmob	
12	Reafrew (Abbots L.)	1014.6	-12	SW'S	3	69	65	8	7	-	-	7-8	7-8	2500	1013.5	-6	SW'S	3	61	92	6	5	7	-	9	10	1100	0	*	bcmob	bcmob	bcmob	bcmob	
	Esksdalemuir ...	1015.1	-4	SW'S	5	65	65	6	-	4	-	0	1	-	1014.7	-6	SW	4	65	85	8	5	-	-	2-3	2-3	2500	1	*	b	b	b	b	
	Point of Ayre ...	1016.2	-14	SSW	4	71	75	8	1	-	-	2-3	2-3	2500	1014.9	-10	SW'S	4	65	85	8	4	4	-	4-6	4-6	2500	0	2	b	b	b	b	
13A	Tiree ...	1010.6	0	S	5	58	97	5	-	-	-	10	10	300	1011.0	0	SW'S	3	57	92	7	5	7	-	7-8	9	1800	1	3	orrd	c	c	c	
13B	Stornoway ...	1008.7	-10	SSW	7	56	97	6	5	2	-	9	9	1000	1009.5	+8	SSW	3	57	85	8	5	5	5	2-3	7-8	1200	1	2	cpr	cpr	cpr	cpr	
15	Dalwhinnie ...	*	-4	SSW	4	60	75	8	2	6	-	1-6	7-8	1500	1011.9	-8	SW	4	56	97	6	5	-	-	10	10	800	1	*	b	b	b	b	
	Aberdeen ...	1013.2	-12	SE	2	62	75	6	1	7	-	Tr	7-8	2500	1011.8	-6	SW	2	66	65	7	5	4	-	Tr	4-6	4000	0	1	bccz	bccz	bccz	bccz	
	Wick ...	1010.4	-4	SSW	3	60	75	7	5	9	8	4-6	9	2500	1009.5	0	SW	3	59	85	7	5	2	-	4-6	10	1500	1	2	c	c	c	c	
16	Lerwick ...	1010.6	-10	S	5	55	92	6	5	7	-	7-8	7-8	800																				
17	Blacksod Point...	1012.7	+8	W'S	2	62	85	8	5	-	-	9	9	1500	1013.4	+6	SW	3	60	85	8	-	7	-	0	9	-	0	3	c	c	c	c	
18	Malin Head ...	1011.3	-2	SW'S	3	62	75	8	9	-	-	9	9	5700	1013.1	+4	SW	2	58	85	8	5	-	-	7-8	7-8	5700	0	1	cpr	c	c	c	
	Aldergrove ...	1013.5	-14	SSW	2	70	65	8	2	7	-	7-8	9	1800	1013.3	0	SW	1	62	85	6	5	2	-	9	10	1800	1	*	bcmob	bcmob	bcmob	bcmob	
19	Birr Castle ...	1014.5	-4	SW	3	71	55	8	8	1	-	7-8	9	1500	1014.7	+4	SW	1	60	92	7	5	-	-	10	10	2500	0	*	c	c	c	c	
20	Valentia Obay.†	1015.1	-2	SSW	5	62	97	5	6	-	-	10	10	450	1016.1	+2	-	0	59	92	8	5	2	-	7-8	10	2500	0	2	c	c	c	c	
	Roches Point ...	1016.7	-2	W'S	3	67	75	8	7	3	-	2-3	4-6	4000	1015.7	-6	SW	3	62	92	6	5	-	-	9	9	800	0	2	b	b	b	b	

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).  
be, sky partly cloudy (one half covered). c, generally cloudy.  
d, drizzle. e, wet air. g, gloom.  
f, fog, visibility 220-1100 yds.  
F, thick fog, less than 220 yds.  
fs, low fog over sea (coast station).  
fg, low fog over land (inland station).  
m, mist, visibility 1100-2200 yds.  
h, hail. i, intermittent.  
jf, fog at a distance, but not at station.  
jp, precipitation within sight of station.  
ks, storm of drifting snow.  
k/s, slight storm of drifting snow (generally low).  
k/S, heavy storm of drifting snow (generally low).  
s/k, slight storm of drifting snow (generally high).  
S/k, heavy storm of drifting snow (generally high).  
KQ, line squall. l, lightning.  
o, overcast sky. p, passing showers.

q, squalls. r, rain. s, snow.  
rs, sleet. t, thunder.  
u, ugly, threatening sky.  
v, unusual visibility. w, dew.  
x, hoar frost. y, dry air.  
z, dust haze: the turbid atmosphere of dry weather.  
h(r), "hail" or "rain and hail."  
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r, slight rain.  
rr, continuous rain.  
s, less than (for cloud height). gale.  
⊙ Solar halo. ⊙ Lunar halo. ☉ Aurora.  
With present weather is combined, whenever possible, the general character of the weather.  
A "solidus" divides actual existing weather from preceding conditions thus: -bc/r, fair weather after rain; -r, has decreased; +, has increased.

## COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

## COLUMNS 12, 13, 26, 27.

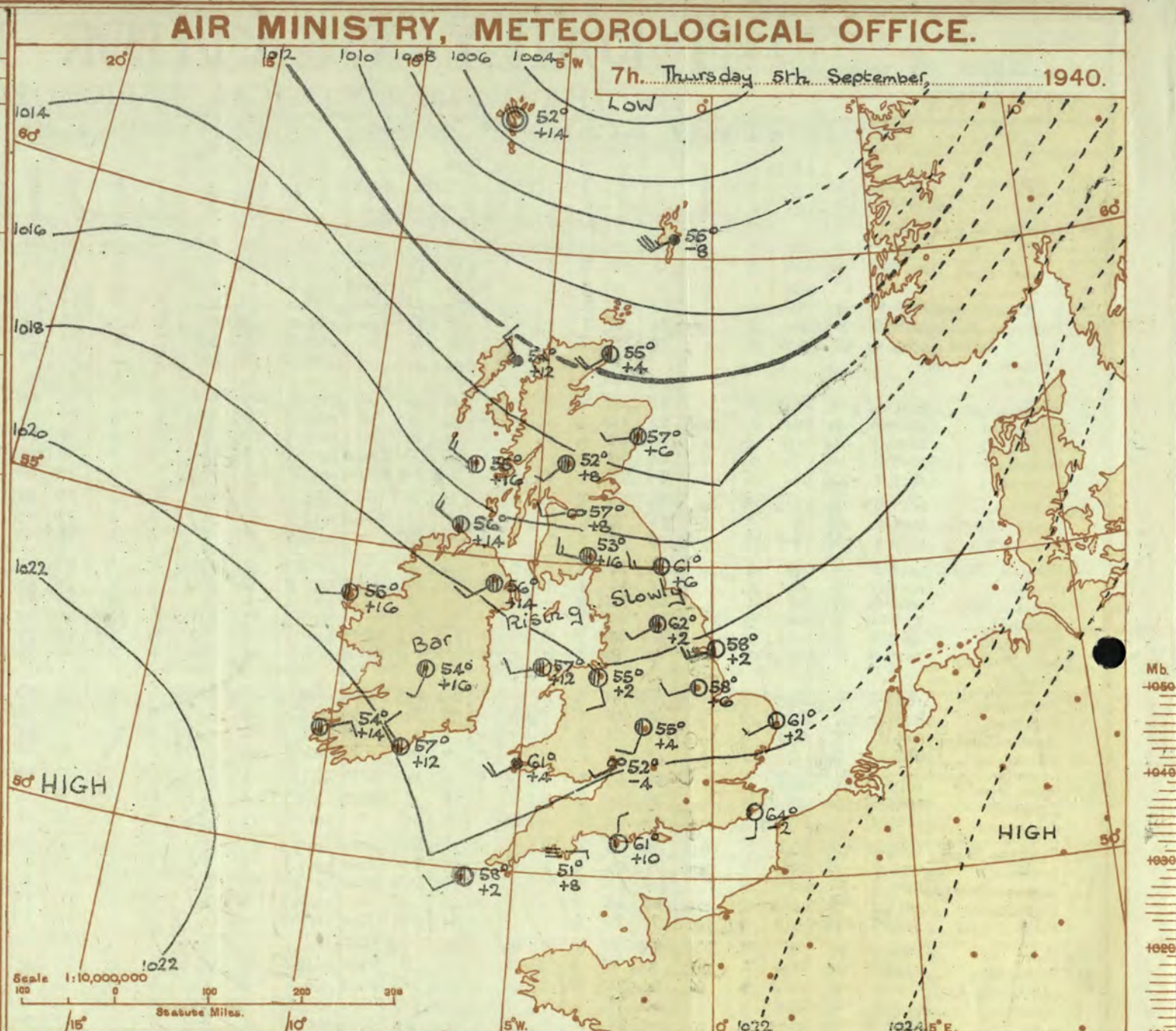
Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.  
Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.  
An entry "4-6" means that the cloud amount may be 4, 5



Abridged observations of additional stations in the AVIATION WEATHER CODE															
13h. G.M.T. 4th September				18h. G.M.T.				01h. G.M.T. 5th September				7h. G.M.T.			
III	C <sub>M</sub>	wwVhN	DDFWN	C <sub>M</sub>	wwVhN	DDFWN	C <sub>M</sub>	wwVhN	DDFWN	C <sub>M</sub>	wwVhN	DDFWN	C <sub>M</sub>	wwVhN	DDFWN
109	52	05674	18427	52	61635	00068	57	02754	23125	83	81745	20426			
115	52	81834	20483	--	46209	20489	51	02854	20546	52	81734	20587			
203															
206	69	02852	20228				52	02855	65423	54	01364	24125			
210	57	02854	51526	67	61846	20367	5-	028-8	18228	83	02864	20325			
220	62	63516	20368	83	01843	24414				83	25844	27386			
230							5-	22646	24366	83	25846	20366			
245	53	01763	16523	43	00762	19413	5-	22658	18268	57	02864	20327			
260	14	00862	17403	07	01890	18313	52	21743	22358	53	21744	22258			
277	27	01741	18525				02	61668	26168						
279															
285	10	01753	20503	10	00851	24301				6-	51638	24558			
288	00	05690	16410	00	00790	22300	00	05690	18400	54	01784	16215			
273	32	58554	17468							32	64644	25268			
301	00	00790	28341	00	00790	28201	50	05663	20113	52	51534	30268			
321	10	01761	17401	00	00790	20400	00	05690	00000	5-	05665	17135			
299				50	05692	16402	50	05652	20102	50	05552	22202			
292				00	05690	26200				5-	08457	18117			
310	--	01742	20413	--	01643	20413				--	48207	20540			
316	10	01772	16202	00	00790	18300	00	05590	16100	00	05590	16102			
333	00	00790	22300	40	00851	22401	5-	22757	53567	5-	51838	26358			
334					00850	18300					21638	20358			
340	10	00861	17401	00	00790	20400	00	05690	20100	5-	02857	16217			
346	10	00851	15301	10	00762	16302	00	00790	18400	07	05690	20201			
336		00890	16400		00890	16400					02854	16417			
350	10	01853	18403	10	00862	18402				03	05690	18200			
368	00	00890	22201	00	00790	24200	50	05643	24103	50	05643	00045			
379	10	01762	20402	00	00890	20300	00	05690	20200						
390										03	05690	22101			
382	10	00861	16401	00	00890	18400	00	00790	18100						
438										50	00761	24201			
430	00	00790	12400	00	00790	14100	00	05690	32100	00	05690	00009			
409	00	05790	24100	10	00841	22200	00	04690	18100	53	04742	15114			

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C<sub>M</sub> = Form of low and medium cloud—See page 1.  
 C<sub>M</sub> = 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. Thursday 5th September.
1 S.E. England	Light or moderate S.W. wind, veering later, variable on coast; fine at first, cloud tending to increase, with a chance of slight showers; warm today, cooler tomorrow.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Light or moderate S.W. wind, veering W or NW, cloudy; occasional slight rain, brighter again tomorrow; cooler than of late.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Light or moderate W. to N.W. wind; cloudy; becoming brighter; cooler than of late.
8 N.W. England	
9 N. Midlands ...	As 4-6.
10 N.E. England	
11 S.E. Scotland	As 7-8.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland B.N.W. Scotland.	Moderate W or W.N.W. wind; cloudy; some showers; brighter intervals; rather cool.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Light N.W. wind; fair; average temperature.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	



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

#### GENERAL INFERENCE.

A feeble trough of low pressure is crossing England, and a new anticyclone is spreading from the Atlantic in its rear. Slight rain is falling along the trough, but is tending to die out, and conditions will continue mainly fair.

#### FURTHER OUTLOOK.

Mainly fair except in extreme North.

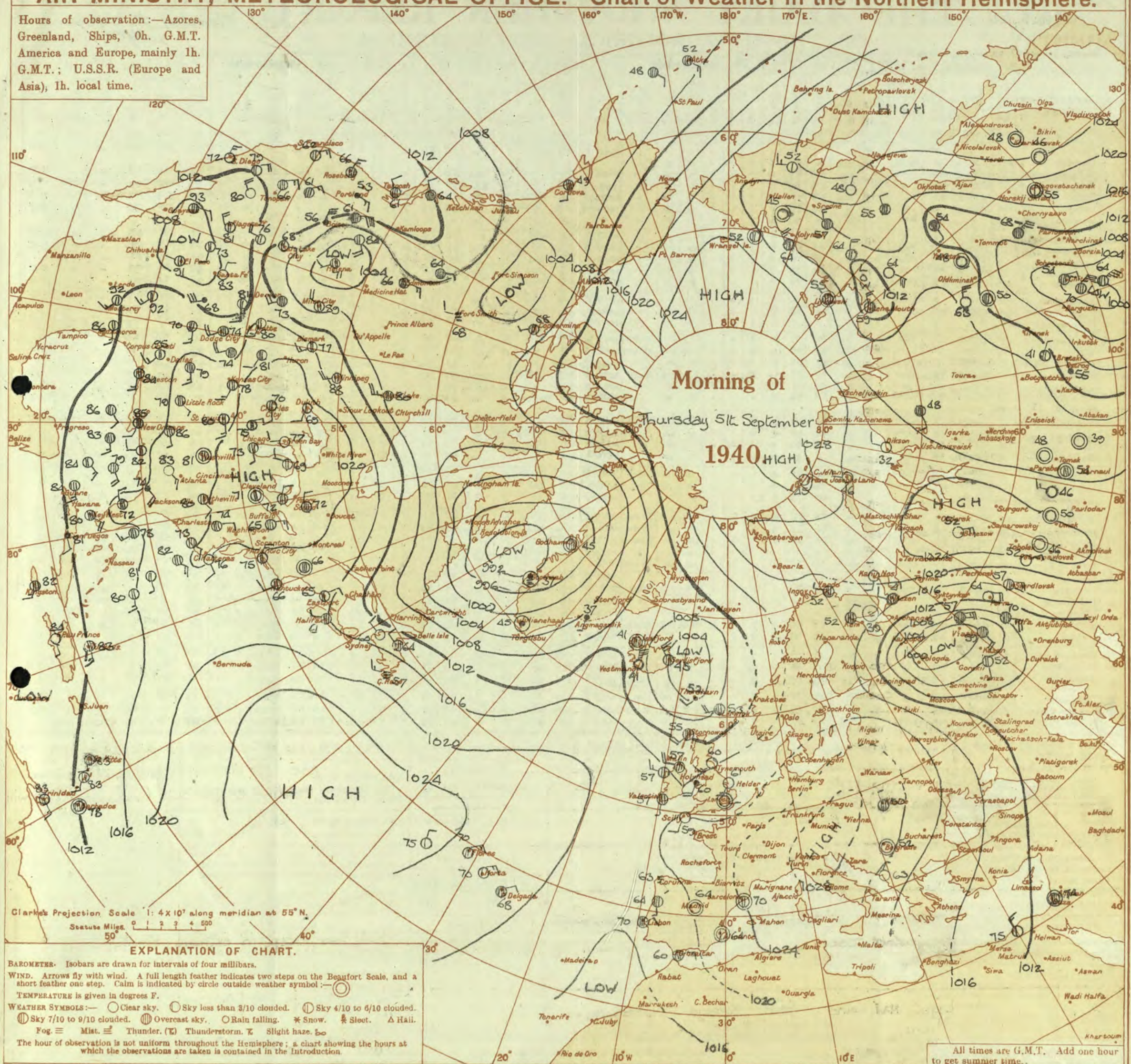
Forecasts issued at 1030h G.M.T.  
 H.M.S.O. Press, Cornwall House, S.E.1.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Thursday 5th September 1940.  
 No. 25777

OBSERVATIONS at 1 hr. G.M.T. 5th September														OBSERVATIONS at 7 hr. G.M.T. 5th September														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. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (21)	Humid. % (22)	Visiblity (23)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.				RAINFALL.		SUNSHINE 4th Hrs. (36)		
					Direc. (3)	Force. (4)					Form.	Amount.		Height of Base. (feet) (14)	Direc. (17)			Force (18)	Form.					Amount.		Height of Base (feet) (28)	Max. Day 7h-13h °F. (31)	Min. Night 13h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-13h mm. (34)	Night 13h-7h mm. (35)						
												Low. (9)	Med. (10)											High (11)	Low (12)									Total (13)	Low (24)	Med. (25)		High (26)	Low (27)
1	London (Kew)	18	*	*	SSE	1	20	54	85	5	-	-	-	0	0	-	1020.1	+4	SWW	1	20	59	85	6	-	-	-	0	0	-	0	82	55	41	-	-	-	12.0	
	Croydon	217	*	*	-	0	20	54	85	5	-	-	-	0	0	-	1020.5	+6	-	0	20	50	97	6	-	-	-	0	0	-	0	86	45	39	-	-	-	11.5	
	S. Farnborough	226	1019.7	+2	-	0	0	54	97	3	-	-	-	0	0	-	1020.7	+6	-	0	49	97	2	-	-	-	0	0	-	0	83	48	39	-	-	-	10.9		
	Boscombe Down	417	1019.6	+2	-	0	0	54	97	3	-	-	-	0	0	-	1020.1	+6	NNW	2	55	92	5	-	-	-	0	0	-	0	74	54	52	-	-	-	11.9		
	Calshot (Stmntn.)	8	1019.5	+2	-	0	0	59	97	6	-	-	-	0	0	-	1020.4	-2	SW	1	64	85	7	-	-	-	0	0	-	0	76	57	35	-	-	-	12.5		
	Lympe	346	1020.5	-6	S	1	1	65	75	7	-	-	-	0	0	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Manston	154	*	*	SW	2	bft	*	*	*	*	*	*	*	*	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
2	Shoeburyness	11	*	*	SW	2	20	64	85	6	-	-	-	0	0	-	1019.9	+2	WS	2	63	75	6	-	-	-	1	0	1	-	0	81	53	43	-	-	-	11.8	
	Felixstowe	15	1019.8	-4	SW	3	b	64	75	6	-	-	-	0	0	-	1019.8	+2	W	1	61	85	6	-	-	-	2	0	1	-	0	73	59	52	-	-	-	11.5	
	Gorleston	5	1019.1	-4	SW	3	b	64	75	6	-	-	-	0	0	-	1019.5	+2	SW	1	61	85	6	-	-	-	0	1	-	0	2	71	60	55	-	-	-	*	
	Mildenhall	19	1018.9	+2	S	1	b	60	75	7	-	-	-	0	0	-	1019.3	+4	SW	3	58	85	6	-	-	-	0	0	-	0	85	54	44	-	-	-	11.5		
	Cranwell	240	1018.2	+4	SWW	3	b	62	75	7	-	-	-	0	0	-	1019.1	+6	SWW	2	58	85	6	-	-	-	0	0	-	0	86	55	53	-	-	-	11.2		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	-	1019.7	+4	SSW	2	bc	55	97	7	-	-	-	4	0	2.3	-	0	81	53	45	-	-	-	11.9
	Upper Heyford	408	1019.6	+4	-	0	b	56	85	7	-	-	-	0	0	-	1020.2	+6	WSW	1	53	97	6	-	-	-	5	0	1	-	0	85	49	38	-	-	-	*	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	-	1019.9	-4	SW	1	20	52	97	5	-	-	-	6	0	4.6	-	0	82	47	40	-	-	-	11.8
5	Hartland Point	299	1019.0	+2	SW	3	bc	60	97	8	5	-	-	-	2.3	2.3	1500	1019.6	+4	SW	3	60	97	7	5	4	4	4.6	7.8	1000	1	2	64	58	56	-	-	-	10.1
	Bristol	209	1020.0	+6	-	0	20	57	97	6	5	-	-	-	4.6	4.6	2800	1020.5	-4	-	0	51	97	4	-	-	-	0	0	-	0	83	49	42	-	-	-	12.1	
	Portland Bill	32	1019.8	0	S	1	b	61	92	8	-	-	-	-	0	0	-	1020.3	+10	N	1	61	92	8	-	-	-	0	0	-	0	69	60	*	-	-	-	*	
	Plymouth	82	1019.8	+2	NW	1	20	57	97	6	5	-	-	-	2.3	2.3	200	1020.9	+8	E	1	51	97	2	5	-	-	2.3	9.1	100	1	1	69	50	45	-	-	-	10.6
	The Lizard	240	1020.1	0	W	1	b	59	97	7	-	-	-	-	0	0	-	1020.8	+6	-	0	60	97	3	5	2	-	7.8	9.1	1000	1	1	68	57	*	-	-	-	5.9
	Scilly (St. Mary's)	163	1020.0	+4	SWW	2	b	59	92	7	-	-	-	-	0	0	-	1020.3	+2	SWW	2	58	97	8	5	4	4	1	2.3	2500	0	1	71	57	*	-	-	-	12.1
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	*	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
6	Pembroke	142	1018.9	+4	SW'S	4	bc	61	97	7	8	-	-	-	4.6	4.6	1500	1019.2	+4	SW	4	61	97	4	5	2	-	7.8	10	1500	1	2	66	60	*	-	-	-	11.5
7	Holyhead	26	1016.6	+2	SW'S	4	id	60	97	5	5	-	-	-	10	10	800	1018.4	+12	WSW	2	57	92	6	5	-	-	10	10	1500	1	1	66	56	55	-	-	-	11.7
	Chester (Sealand)	16	1017.6	+4	SE	2	b	55	92	6	-	-	-	-	0	0	-	1018.2	+2	SSE	2	57	92	6	5	-	-	10	10	1500	0	*	80	52	47	-	-	-	11.9
8	Manchester	70	1018.2	+8	S	1	m	4	*	4	-	-	-	-	0	0	-	1018.3	+2	S	2	57	92	6	5	-	-	10	10	2200	1	*	81	47	40	-	-	-	10.4
10	Spurn Head	29	1017.0	+4	SW	3	b	61	85	6	-	-	-	-	0	0	-	1017.9	+2	SWW	3	6	58	85	6	-	-	-	0	0	-	0	77	56	*	-	-	-	11.0
	Catterick	175	1017.0	+2	-	0	20	56	85	6	-	-	-	-	0	0	-	1016.7	+2	SW	1	62	85	7	5	-	-	7.8	7.8	1800	0	*	80	54	41	-	-	-	9.1
	Tynemouth	108	1016.2	0	N	3	20	60	75	6	-	-	-	-	0	0	-	1016.6	+6	W	3	61	85	7	8	-	-	7.8	7.8	2500	0	1	78	58	50	-	-	-	*
11	St. Abbs Head	280	1013.0	+2	SW	3	c	59	85	8	4	5	-	-	4.6	7.8	3000	1014.7	+10	WNW	2	57	85	9	5	3	-	7.8	9.1	3400	0	1	74	55	*	-	-	-	*
	Leuchars	36	1012.4	-2	WSW	3	c	61	85	6	5	-	-	-	10	10	2500	1013.9	+6	SW	4	56	85	6	5	7	-	7.8	9.1	4000	0	*	73	55	53	-	-	-	9.5
12	Renfrew (Abbots L.)	19	1014.4	+6	NW	1	10	55	92	5	-	2	-	-	10	10	5000	1015.6	+8	WSW	2	57	92	6	5	3	-	7.8	9.1	5700	1	*	70	54	53	-	-	-	4.7
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	1016.9	+16	WN	3	53	92	7	5	-	-	9.1	9.1	220	1	*	66	51	50	-	-	-	7.9
	Point of Ayre	30	1015.4	+4	WN	4	dod	60	97	7	-	2	-	-	10	10	2500	1017.6	+14	WN	2	57	97	8	4	7	-	9.1	9.1	2500	1	2	75	55	*	-	-	-	10.3
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	1014.5	+16	WNW	3	55	85	8	8	-	-	2.3	2.3	2500	0	3	59	54	*	-	-	-	0.3
13B	Stornoway	80	1010.2	0	SW	4	c	55	85	7	5	-	-	-	7.8	7.8	1500	1011.8	+12	NW	3	54	92	7	8	-	-	9	9	700	1	2	60	45	*	-	-	-	1.8
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	1014.6	+8	SW	1	52	85	7	8	5	-	4.6	4.6	1500	1	*	64	51	47	-	-	-	1.5
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	1013.2	+6	W'S	1	57	85	8	5	7	-	7.8	9.1	4000	1	1	67	56	52	-	-	-	0.5
	Lerwick	81	1010.5	+4	SW	2	c	55	85	7	8	4	6	7.8	1500	1010.6	+4	SW	4	55	85	8	5	3	9	4	6	9	1500	1	2	64	53	*	-	-	-	0.5	
16	Lerwick	156	1009.2	+2	WSW	4	c	53	92	7	8	7	-	-	7.8	7	1500	1007.9	-8	SW	7	55	85	7	8	7	-	7.8	9.1	800	1	*	56	52	*	-	-	-	0.7
17	Blacksod Point	18	1015.7	+8	W	3	bc	57	92	8	4	-	-	-	2.3	2.3	1500	1018.8	+16	W	1	55	92	8	3	-	-	2.3	2.3	2500	0	2	64	52	*	-	-	-	*
18	Malin Head	84	1014.2	+6	W	4	c	57	85	7	6	-	-	-	9.1	9.1	1500	1016.0	+14	NW	3	56	85	8	2	6	-	4.6	7.8	5700	0	2	63	53	*	-	-	-	0.6
	Aldergrove																																						



AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Friday 6th September, 1940.  
No. 28,778.

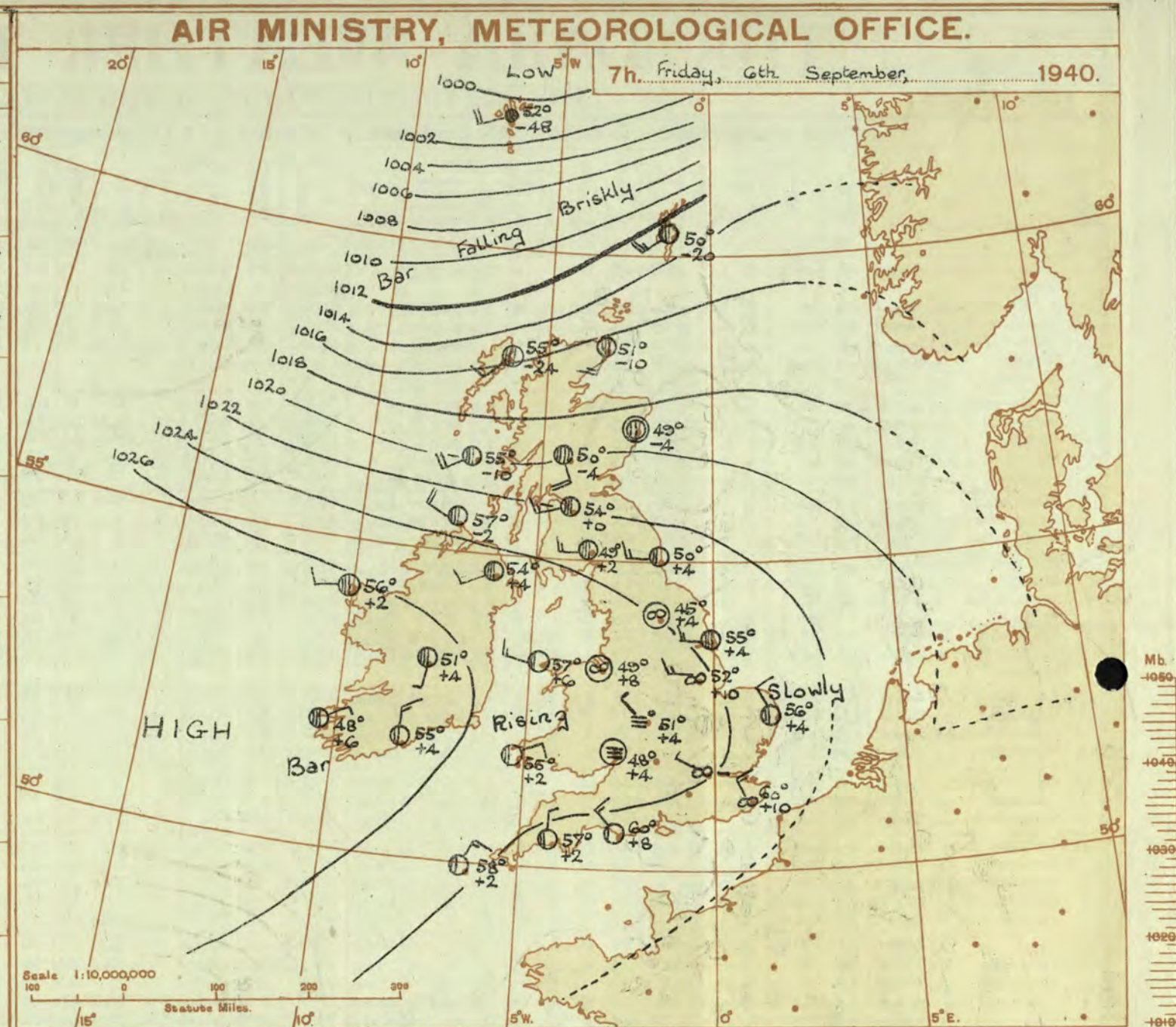
OBSERVATIONS at 13h. G.M.T. 5th September														OBSERVATIONS at 18h. G.M.T. 5th September														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visib. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.									
				Dir.	Force. 0-12 (4)				Weather.	Form.	Amount. 0-10 (12)	Height of Base. (feet) (14)			Dir.	Force. 0-12 (18)				Weather.	Form.	Amount. 0-10 (26)	Height of Base (feet) (28)			7h.—13h. ... 5th... (37)	13h.—18h. ... 5th... (38)	18h.—5th 1h... 6th... (39)	1h.—7h. ... 6th... (40)						
1	London (Kew)...	1020.3	-4	WSW	3	bc	75	45	8	-	-	4	0	2.3	-	1020.1	+4	NNW	2	bc	77	45	8	7	3	1	2.3	4.6	4000	0	*	bmby	bcbcb	bcbw	bmw
	Croydon ...	1020.1	-6	W	2	bc	80	35	8	-	3	2	0	2.3	-	1019.6	*	NNW	2	bc	*	*	7	1	8	*	2.3	4.6	4500	0	*	bmby	bcbcb	bcbw	bmw
	S. Farnborough	1020.1	-6	W	2	bc	80	35	8	-	3	2	0	2.3	-	1020.3	+6	NNW	1	bc	77	45	8	1	3	-	0	2.3	-	0	*	bmby	bcbcb	bcbw	bmw
	Boscombe Down	1019.9	-10	NW	1	bc	75	45	8	-	1	0	0	2.3	-	1020.3	+4	NNW	1	bc	72	55	8	1	3	-	Tr	1	4000	0	*	bmby	bcbcb	bcbw	bmw
	Calshot (Soton.)	1020.3	-4	-	0	b	73	75	8	-	-	1	0	Tr	-	1020.1	0	WSW	3	bc	70	75	8	-	8	-	0	2.3	-	0	*	bmby	bcbcb	bcbw	bmw
	Lympne ...	1020.5	-2	SSE	2	bc	73	65	8	-	-	0	0	0	-	1020.1	0	WSW	3	bc	70	75	8	-	8	-	0	2.3	-	0	*	bmby	bcbcb	bcbw	bmw
	Manston ...	*	*	-	0	b	*	*	7	-	-	0	0	0	-	1020.1	0	WSW	3	bc	70	75	8	-	8	-	0	2.3	-	0	*	bmby	bcbcb	bcbw	bmw
2	Shoeburyness ...	1019.8	-2	SW	2	b	78	45	6	-	-	1	0	0	-	1019.8	0	-	0	b	72	65	6	-	4	-	0	Tr	-	0	*	bzoy	bz.	bmo	bmow
	Felixstowe ...	1019.8	0	3	3	20	72	65	6	-	-	1	0	Tr	-	1020.0	0	SW	2	bc	64	75	6	-	5	-	0	0	-	0	*	bzoy	bz.	bmo	bmow
	Gorleston ...	1019.7	+6	E'N	2	b	68	85	6	-	-	0	0	0	-	1020.3	0	3	1	bc	64	75	6	-	5	-	0	0	-	0	*	bzoy	bz.	bmo	bmow
	Mildenhall ...	1019.6	0	W	3	bc	78	65	8	-	-	6	0	4.6	-	1019.7	+2	NNW	2	bc	74	55	8	7	-	-	4.6	4.6	4000	0	*	bmow	bcbw	bcbw	bmow
	Cranwell ...	1019.7	+4	W	4	c	74	55	7	-	8	4.6	9	2500	-	1021.0	+10	NNW	2	bc	65	75	6	5	-	-	10	10	2000	0	*	bmow	bcbw	bcbw	bmow
3	Birmingham	1019.9	+4	WSW	3	c	70	55	8	5	7	-	7.8	9.7	2500	1021.4	+4	N	2	bc	69	75	7	5	-	3	4.6	4.6	2500	0	*	bcb	bcb	bcb	bcb
	Upper Heyford	1020.0	-2	W	2	c	78	45	8	1	-	2	Tr	3.200	-	1020.3	+6	NNW	3	c	70	65	8	5	3	-	4.6	7.8	4000	0	*	bcb	bcb	bcb	bcb
4	Ross-on-Wye ...	1020.2	+4	WSW	3	c	71	65	7	5	-	2	Tr	9.7	2500	1021.0	+6	NNW	2	c	68	65	8	5	-	2	4.6	7.8	4000	0	*	bcb	bcb	bcb	bcb
5	Hartland Point	1021.3	+4	SW	1	bc	64	85	7	2	4	4	2.3	2.3	1500	1022.1	+6	NNW	2	c	62	85	9	1	3	-	1	7.8	3000	0	*	bcb	bcb	bcb	bcb
	Bristol ...	1021.0	-2	WNW	3	bc	72	65	8	1	-	2	1	2.3	3000	1021.5	+6	W	2	c	68	75	8	6	-	-	7.8	9	2600	0	*	bcb	bcb	bcb	bcb
	Portland Bill ...	1020.8	-4	NW	1	bc	66	85	8	1	-	4.6	4.6	4000	-	1020.3	+4	W	1	c	65	85	8	-	-	-	0	0	-	0	*	bcb	bcb	bcb	bcb
	Plymouth ...	1020.8	-6	SSW	2	b	69	75	8	1	-	1	1	3000	-	1021.4	+10	SW	2	b	65	85	8	4	-	-	1	3.500	0	*	bcb	bcb	bcb	bcb	
	The Lizard	1022.1	+6	W	2	bc	69	75	8	6	-	4.6	4.6	2500	-	1022.1	0	N	2	bc	70	75	8	6	-	-	4.6	4.6	3500	0	*	bcb	bcb	bcb	bcb
	Scilly (St. Mary's)	1021.4	+2	W'N	2	bc	71	75	3	3	3	2.3	4.6	1500	-	1022.6	+8	NNE	3	c	62	32	8	8	4	-	4.6	9.7	1000	0	*	bcb	bcb	bcb	bcb
	Guernsey ...	1021.4	+2	W'N	2	bc	71	75	3	3	3	2.3	4.6	1500	-	1022.6	+8	NNE	3	c	62	32	8	8	4	-	4.6	9.7	1000	0	*	bcb	bcb	bcb	bcb
6	Pembroke ...	1021.7	+4	NW	3	c	62	85	8	2	7	-	Tr	9.7	2500	1022.9	+2	NW	2	b	62	85	8	-	7	-	0	1	-	1	*	mrc	ebc	bcb	bcb
7	Holyhead ...	1021.0	+10	W	3	bc	64	75	8	1	3	1	2.3	4.6	2500	1022.1	+6	SWW	2	bc	61	85	8	1	3	-	Tr	2.3	2200	0	*	mrc	ebc	bcb	bcb
	Chester (Sealand)	1020.5	+10	NW	4	c	64	75	7	8	-	9	9	1900	-	1021.7	+6	NW	3	bc	61	75	8	8	-	1	1	2.3	3500	0	*	mrc	ebc	bcb	bcb
8	Manchester ...	1020.5	+10	W'N	4	c	63	75	8	7	3	-	7.8	10	2400	1021.9	+8	NNW	3	b	61	75	8	1	4	-	1	1	2800	0	*	mrc	ebc	bcb	bcb
10	Spurn Head ...	1018.8	0	W'S	3	c	73	65	6	1	4	-	4.6	7.8	4000	1020.5	+4	NN	4	c	63	75	6	-	4	-	0	9.7	-	0	3	bcb	bcb	bcb	bcb
	Catterick ...	1018.8	+4	NW	2	c	66	65	8	3	8	-	4.6	7.8	2200	1020.3	+12	NNW	2	bc	64	55	9	5	6	3	2.3	4.6	5000	0	*	c	c	c	c
	Tynemouth ...	1018.1	+8	W	3	c	67	55	7	8	-	9	9	2800	-	1019.8	+4	W	3	bc	64	65	8	2	4	-	4.6	4.6	3200	0	*	c	c	c	c
11	St. Abbs Head	1016.0	+4	WNW	4	c	63	65	8	8	4	-	4.6	7.8	3000	1017.9	+10	NNW	4	bc	61	65	8	4	-	-	2.3	4.6	3000	0	*	bcb	bcb	bcb	bcb
	Leuchars ...	1015.3	+2	WSW	5	bc	67	55	8	2	6	-	2.3	4.6	3500	1018.1	+20	W	4	bc	61	55	8	4	-	-	2.3	2.3	3500	0	*	bcb	bcb	bcb	bcb
12	Renfrew (Abbots L.)	1018.2	+12	WNW	4	bc	61	85	9	8	3	-	4.6	4.6	2000	1020.4	+16	W	3	c	57	75	8	5	-	-	3.7	3.7	2500	0	*	bcb	bcb	bcb	bcb
	Eskdalemuir ...	1017.9	+8	WNW	3	c	60	65	8	8	7	-	7.8	7.8	2500	1020.5	+18	NW	3	bc	57	75	9	7	-	-	4.6	4.6	2500	0	*	bcb	bcb	bcb	bcb
	Point of Ayre ...	1020.2	+10	WNW	3	bc	67	75	8	4	4	-	1	2.3	4000	1021.3	+8	NNW	2	bc	60	92	8	4	-	-	4.6	4.6	1500	0	*	bcb	bcb	bcb	bcb
13A	Tiree ...	1018.1	+14	WNW	3	bc	58	85	8	8	-	-	4.6	4.6	1800	1020.3	+8	NNW	3	bc	55	85	8	6	-	-	2.3	4.6	2100	0	3	bcb	bcb	bcb	bcb
13B	Stornoway ...	1015.4	+12	W	5	c	57	75	8	3	7	-	9	9	1100	1017.8	+10	W	5	pr	54	85	8	5	7	-	4.6	9	2000	1	3	cpr	cpr	cpr	cpr
15	Dalwhinnie ...	1016.8	+16	W	3	c	57	75	7	8	-	-	7.8	7.8	1500	1019.7	+18	SW	2	c	52	75	6	8	-	-	3.7	3.7	1500	1	*	cpr	cpr	cpr	cpr
	Aberdeen ...	1014.4	+4	NW'N	3	cpr	66	55	8	8	-	-	7.8	7.8	4000	1017.7	+22	N	2	bc	60	65	8	8	-	-	4.6	4.6	4000	0	1	cpr	cpr	cpr	cpr
	Wick ...	1013.6	+18	NW	4	2	59	65	8	8	7	8	4.6	7.8	1500	1016.4	+16	NNW	4	bc	54	75	8	5	4	-	4.6	4.6	1500	1	2	cpr	cpr	cpr	cpr
16	Lerwick...	1009.7	+16	WSW	6	c/pr	57	85	8	8	7	-	4.6	7.8	800	1012.5	+14	NNW	4	spr	52	92	7	8	7	-	7.8	3.7	800	1	*	cpr	cpr	cpr	cpr
17	Blacksod Point...	1022.4	+14	W'N	3	c	60	75	8	2	5	-	2.3	7.8	2500	1024.2	+12	NW	3	c	57	85	8	5	-	-	9	9	1500	0	3	bc	bc	bc	bc
18	Malin Head ...	1019.9	+16	NW'W	3	bc	60	75	8	1	-	2	2.3	4.6	5700	1021.9	+16	NNW	3	c	56	75	8	8	-	-	7.8	7.8	5700	0	2	bc	bc	bc	bc
	Aldergrove ...	1019.9	+14	WNW	2	c/pr	61	75	9	8	-	-	9	9	2500	1021.7	+10	NNW	3	c	61	65	9	5	-	-	7.8	7.8	4000	1	*	bc	bc	bc	bc
19	Birr Castle ...	1021.6	+6	NW	2	c	65	65	8	4	-	-	7.8	7.8	1500	1022.8	+4	W	1	bc	65	55	8	4	-	-	4								



Abridged observations of additional stations in the AVIATION WEATHER CODE																
13h. G.M.T. 5th. Sept.....18h. G.M.T.								01h. G.M.T. 6th. Sept.....07h. G.M.T.								
III	C <sub>M</sub>	ww	Vh	N <sub>h</sub>	DDFWN	C <sub>M</sub>	ww	Vh	N <sub>h</sub>	DDFWN	C <sub>M</sub>	ww	Vh	N <sub>h</sub>	DDFWN	
109	26	25746	58587	43	26384	16454	8-	21747	22357	52	61745	21488				
115	87	81844	24586	87	81844	22587	87	81844	24580	52	02854	20587				
203					55	02855	20426									
206	8-	01964	20314	83	01964	22314				52	02864	22228				
210	8-	01954	22214													
220	83	10854	28314	53	25854	28385				52	03747	23428				
230					8-	10347	26387	57	01843	24214	5-	02858	22218			
245	20	01954	24424	86	01964	26315	00	01790	24213	83	01961	24314				
260	8-	01864	22314	43	01964	22314	5-	02865	24315	5-	21657	22357				
277	83	10956	27427	54	02865	28425	50	00762	23312	5-	02867	23317				
279	--	02763	20413													
285	8-	02746	24426	20	01744	26514				20	02746	26416				
288	37	02853	20267	00	01864	25325	00	05690	24100	50	02865	17216				
273	38	10752	25815							37	01654	25208				
301	8-	02746	26356	26	00852	26313	50	00753	28113	5-	02867	28317				
321	87	05664	28327	53	05661	26324	00	05590	26200	5-	43567	24147				
299	57	05645	22224	87	02653	26203				57	01744	24215				
292	77	02854	24327	70	01853	26313	00	04490	00000	54	00763	00043				
310	--	57203	16349	--	01634	24314				--	46203	24249				
316	8-	02755	18317	53	05673	28226	00	05690	30200	50	08462	00012				
333	87	02954	28325	13	00951	28101	54	00851	24162	50	01865	24205				
334	--	02845	00027	--	01861	22101					53353	00043				
340	52	57333	28258	5-	01854	30214	00	47390	00040	50	04865	00045				
136	10	01871	22203					03	05690	29328	03	05690	28211			
336	--	21743	26456	--	01852	28413					04323	28315				
350	10	01868	24215	13	05661	26212	5-	05664	32214	00	05690	28112				
368	73	01854	24315	73	01863	24214	57	01761	00014							
379	10	01764	24215	5-	02767	26527	50	08675	04315	00	05690	04302				
390				00	00790	25301										
382	0	01861	22214	70	01863	28313				00	05690	32200				
438	53	02764	24314							50	01764	02514				
430	03	00790	20301					03	05690	02603	08	05690	02301			
409	14	01843	25214	57	01842	01313	50	00753	32113	50	00762	32302				

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, Nh = Height and amount of low cloud—See M.O. 252.  
N = Total amount of cloud—See M.O. 252.  
L = Form of low and medium cloud—See page 1.  
C<sub>M</sub> = Visibility. F = Force of wind—See page 4.  
DD = Direction of wind (S = E, 16 = S, 24 = W, 32 = N).

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C<sub>M</sub> = 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 6th September, 1940.
1 S.E. England	Light northerly wind, variable on coast, backing west and freshening somewhat; fine at first, more cloud later; cooler than of late.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light N.E. wind, backing N.W.; fair; cooler than of late.
6 South Wales ...	
7 North Wales ...	Moderate to fresh or strong westerly wind; cloudy; occasional slight rain; 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. Scotld. B.N.W.Scot- land.	Fresh or strong westerly wind, reaching gale locally; cloudy; rain at times; rather cool.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7-12
18 N. E. Ireland	
19 S. E. Ireland	As 1-4.
20 S. W. Ireland	

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

**GENERAL INFERENCE.**  
 An anticyclone is centred W.S.W. of Ireland, and an associated wedge of high pressure over England is moving south. A deep depression over North Iceland is moving east and extending its influence southward, and an associated trough is approaching West Scotland. Rain will spread over northern districts, but in the South weather will be fair and cooler than of late, with some cloud tomorrow.

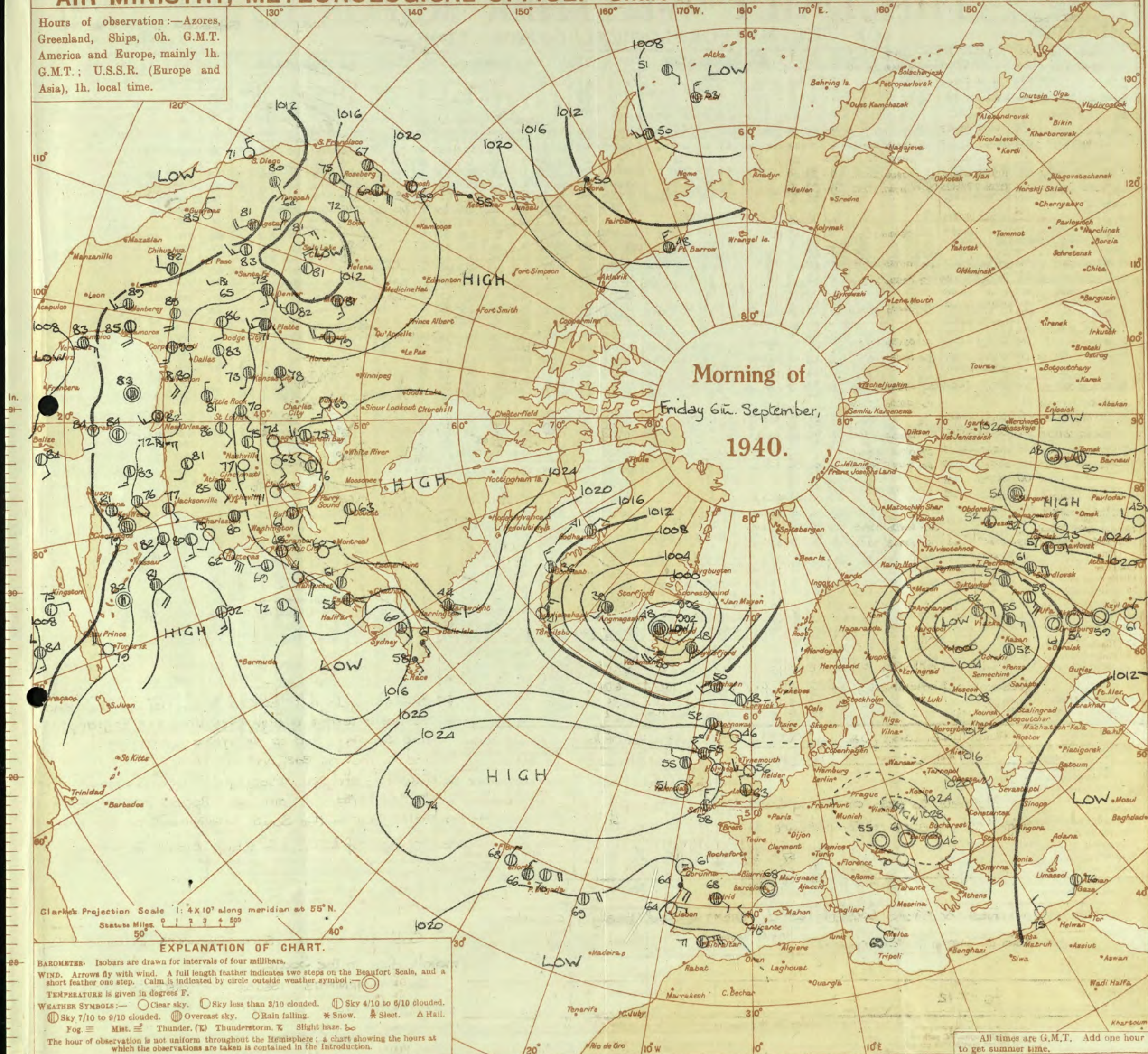
**FURTHER OUTLOOK.**  
 Cool N.W. winds; some showers in the North, mainly fair in the South.  
 GALE WARNINGS issued for districts 13, 15 & 16  
 0915h G.M.T. 6/9

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Friday 6th September 1940.  
 No. 28778

OBSERVATIONS at 1 hr. G.M.T. 6th September...														OBSERVATIONS at 7 hr. G.M.T. 6th September...														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at 1 hr. M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.				Barom. at 7 hr. M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.				Sea. 0-9	TEMPERATURE.				RAINFALL.		SUN-SHINE Hrs.				
					Direc.	Force.					Low.	Med.	High.	Low 0-10			Total 0-10	Base. (feet).					Direc.	Force.	Low.	Med.		High.	Low 0-10	Total 0-10	Height of Base (feet).	State of Ground.	Max. Day 7h-18h °F.		Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1024.2	+10	NNE	2	z	59	75	6	-	-	1	0	Tr	-	0	*	79	57	44	-	-	11.5			
	Croydon	217	*	*	*	*	*	*	*	*	*	*	*	*	+8	WNW	1	z	51	87	5	-	-	3	0	Tr	-	0	*	83	47	39	-	-	11.7			
	S. Farnborough	226	1023.2	+6	-	0	3	54	92	4	-	-	0	0	-	1024.6	+8	WNW	1	z	51	87	6	-	-	3	0	Tr	-	0	*	83	47	39	-	-	11.7	
	Boscombe Down	417	1023.2	+12	NNW	1	z	56	92	6	-	-	0	0	-	1024.2	+8	z	55	85	6	-	-	4	0	Tr	-	0	*	78	48	47	-	-	9.1			
	Calshot (Stmntn.)	8	1022.4	+6	N	2	z	63	85	6	5	-	-	2.3	2.3	3500	1023.7	+10	N	3	z	58	85	6	-	-	4	0	Tr	-	0	*	76	57	55	-	-	11.3
	Lymyne	346	*	*	E	2	z	*	*	6	-	-	-	0	0	-	1022.9	+10	NNW	3	z	60	85	6	-	-	8	1	4000	0	*	57	49	+	-	-	10.7	
Manston	154	*	*	*	*	*	*	*	*	*	*	*	*	*	*	NE	3	z	*	*	6	-	-	3	0	4.6	*	*	*	*	*	*	*	*	*			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1024.0	+14	NW	1	b	57	85	6	-	-	1	0	1	-	2	*	83	53	42	-	-	10.7			
	Felixstowe	15	1022.4	+2	N	2	z	59	85	5	-	-	0	0	-	1023.8	+12	NNW	3	z	55	92	6	-	-	3	2	0	2.3	0	1	77	54	52	-	-	11.1	
	Gorleston	5	1022.2	+2	NNW	2	z	59	85	6	5	-	4.6	4.6	2500	1023.1	+4	NNW	2	bc	56	85	6	-	-	4	0	2.3	-	0	1	71	55	51	-	-	11.5	
	Mildenhall	19	1022.8	+6	NNW	2	z	57	85	6	5	-	4.6	4.6	4000	1024.1	+8	NNW	1	z	52	97	5	-	-	4	0	1	-	0	1	80	51	44	-	-	11.2	
	Cranwell	240	1023.7	+8	NW	3	z	53	85	6	5	-	1	1	2500	1024.7	+10	W	3	z	52	92	5	-	-	4	0	4.6	4000	0	*	76	49	44	Tr	-	7.1	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1023.5	+4	NW	1	m	51	97	4	-	-	0	0	-	0	0	*	71	49	31	Tr	-	5.2			
	Upper Heyford	408	1023.5	+6	NNW	3	z	59	75	6	5	7	4.6	10	3000	1023.7	+10	NW	2	z	53	85	6	-	-	4	0	Tr	-	0	*	73	52	47	-	-	*	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1023.1	+4	-	0	z	48	92	6	-	-	9	0	Tr	-	0	*	73	47	38	-	-	5.5			
5	Hartland Point	299	1023.4	+4	NE	2	bc	60	85	8	5	-	2.3	2.3	2000	1024.2	+6	ENE	2	b	60	85	8	4	-	1	1	2500	0	2	65	59	54	-	-	7.1		
	Bristol	209	1023.3	+8	-	0	z	58	85	6	5	-	4.6	4.6	3000	1025.0	+6	-	0	z	54	92	6	-	-	3	0	1	-	0	*	74	51	42	-	-	10.4	
	Portland Bill	32	1022.0	+8	NW	3	bc	63	85	8	5	-	7.8	7.8	4000	1023.4	+8	NW	3	b	60	75	8	-	-	0	0	0	3	67	55	*	-	-	*			
	Plymouth	82	1023.2	+6	N	2	bc	60	75	7	5	-	2.3	2.3	3000	1023.7	+2	N	1	bc	57	85	8	5	-	2.3	2.3	3000	0	1	48	*	-	-	10.1			
	The Lizard	240	1023.1	+6	NNE	4	bc	55	85	8	5	-	2.3	2.3	2500	1024.1	+6	NNE	4	bc	58	85	8	6	-	4.6	4.6	2500	0	1	70	58	*	-	-	9.6		
	Scilly (St. Mary's)	163	1023.9	-2	NE	3	bc	58	92	7	4	4	Tr	2.3	1800	1024.1	+2	NE	3	bc	58	92	8	4	4	2.3	4.6	1800	0	2	72	58	*	-	-	10.		
Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
6	Pembroke	142	1024.5	0	N	3	bc	55	97	7	-	7	0	2.3	-	1025.0	+2	NE	2	bc	55	92	7	5	4	1	2.3	2500	0	1	64	52	*	0.5	-	1.8		
7	Holyhead	26	1024.0	+6	WNW	3	b	58	92	8	1	-	Tr	Tr	3000	1025.0	+6	WN	3	bc	57	92	8	5	-	4.6	4.6	1300	0	1	66	53	42	-	-	7.0		
	Chester (Sealand)	16	1023.9	+2	-	0	z	45	97	6	5	-	1	1	2800	1025.0	+8	-	0	z	48	97	5	5	-	7.8	7.8	4400	0	*	65	44	38	-	-	4.3		
8	Manchester	70	1023.3	+6	SW	2	z	5	*	2	5	-	4.6	4.6	4000	1024.7	+8	SSW	1	m	50	97	4	5	-	9	3	2700	1	*	66	43	39	Tr	-	3.6		
10	Spurn Head	29	1022.7	+4	WN	3	b	56	92	6	-	-	0	0	-	1023.3	+4	W	3	bc	55	92	6	-	-	0	4.6	-	1	2	74	53	*	Tr	Tr	6.2		
	Catterick	175	1023.5	+8	-	0	b	46	92	8	-	-	0	0	-	1023.8	+4	-	0	z	48	92	6	5	-	4.6	4.6	3000	0	*	68	40	35	-	-	4.7		
	Tynemouth	108	1022.3	+6	W	3	z	53	75	6	-	-	0	0	-	1023.2	+4	W	3	bc	50	85	6	-	-	0	2.3	-	0	1	67	48	44	-	-	0.0		
11	St. Abbs Head	280	1020.3	+12	NNW	4	bc	52	75	8	4	4	2.3	2.3	2500	1020.7	+2	SW	3	bc	52	85	9	5	4	2.3	4.6	2500	0	2	63	49	*	-	-	*		
	Leuchars	36	1020.3	+6	WSW	2	bc	43	85	7	-	7	0	2.3	-	1020.7	+2	SSW	3	bc	49	92	8	7	-	9	1	2.3	4000	0	*	68	46	39	-	-	6.6	
12	Renfrew (Abbots L.)	19	1022.7	+2	WS	3	bc	52	85	7	5	4	2.3	2.3	3500	1022.2	0	WSW	3	c	54	85	8	5	-	9	10	2500	0	*	64	50	46	0.3	-	6.1		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1022.6	+2	W	3	c	49	85	8	5	-	9	10	4000	1	*	63	47	42	1	-	6.4			
Point of Ayre	30	1023.9	+8	NNW	3	bc	56	92	8	5	-	-	4.6	4.6	2500	1024.3	+2	NW	4	c	56	85	8	7	-	4.6	4.6	2500	0	2	68	54	*	-	-	7.3		
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.4	-10	SW	4	c	55	85	8	5	-	9	9	1800	0	3	61	50	*	Tr	Tr	7.7		
13B	Stornoway	80	1019.2	-4	SW	3	c	52	85	7	5	7	7.8	10	1700	1015.7	-24	SW	2	c	55	75	8	5	-	7.8	10	1300	1	2	58	55	*	0.2	Tr	4.8		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	1020.5	-4	SSE	4	0	50	75	7	5	-	10	10	1300	0	*	53	46	41	Tr	Tr	4.0			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1019.0	-4	SSE	4	0	50	85	8	5	-	Tr	4.6	4000	0	1	68	44	35	Tr	Tr	5.1			
16	Wick	81	1018.3	+2	SSE	1	bc	47	92	8	5	-	4.6	4.6	1500	1016.4	-10	SSW	3	bc	51	85	3	5	2	7.8	10	1500	1	2	63	45	*	Tr	Tr	*		
	Lerwick	166	1015.7	0	NW	3	c	48	85	7	8	7	4.6	9	1500	1013.0	-20	SW	5	c	50	97	7	8	-	7.8	10	800	1	*	57	47	*	0.5	4.5			
17	Blackod Point	18	1025.6	+2	WNW	1	c	55	75	8	-	7	0	10	-	1025.1	+2	WS	2	c	56	75	9	-	-	0	9	-	0	2	63	53	*	-	-	*		
18	Malin Head	84	1023.8	0	NW	3	c	55	65	7	9	-	9	9	4000	1022.6	-2	WNW	4	c	57	65	8	9	-	7.8	7.8	4000	0	*	61	49	*	Tr	Tr	7.8		
	Aldergrove	268	1023.8	0	N	2	c	53	75	8	5	-	7.8	7.8	3400	1024.1	+4	SW	2	c	54	85	8	5	-	10	10	2500	1	*	68	46	44	0.2	-	5.9		
19	Birr Castle	173	1025.7	+4	W	1	c	52	92	8	5	1	7.8	10	1500	1026.4	+4	SW	1	c	51	92	8	5	1	7.8	10	2500	0	*	69	48	44	-	-	8.0		
	Valentia Obey.	30	1026.4	-2	-	0	b	51	92	8	-	-	0	0	-	1027.0	+6	NE	1	c	48	97	9	5	-	9	9	2500	0	2	65	46	41	Tr	Tr	11.4		
20	Roches Point	22	1025.2																																			



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday, 6th September 1940.

No. 28779

OBSERVATIONS at 13h. G.M.T. 6th September														OBSERVATIONS at 18h. G.M.T. 6th September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																				
Sta- tions.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visi- bility. mi. (8)	Cloud.			Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Cloud.			Barom. at M.S.L. mb. (29)	Change in 3 hours. (30)	Wind.		Weather.	Temp. °F. (34)	Humid. % (35)	WEATHER.																																																																																																																																																																																																																																																																																			
			Form.	Amount.					Height of Base. (feet) (14)	Form.	Amount.			Height of Base. (feet) (28)	Form.				Amount.	Height of Base. (feet) (28)	Form.			Amount.	Height of Base. (feet) (28)				Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)	Form.	Amount.	Height of Base. (feet) (28)

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

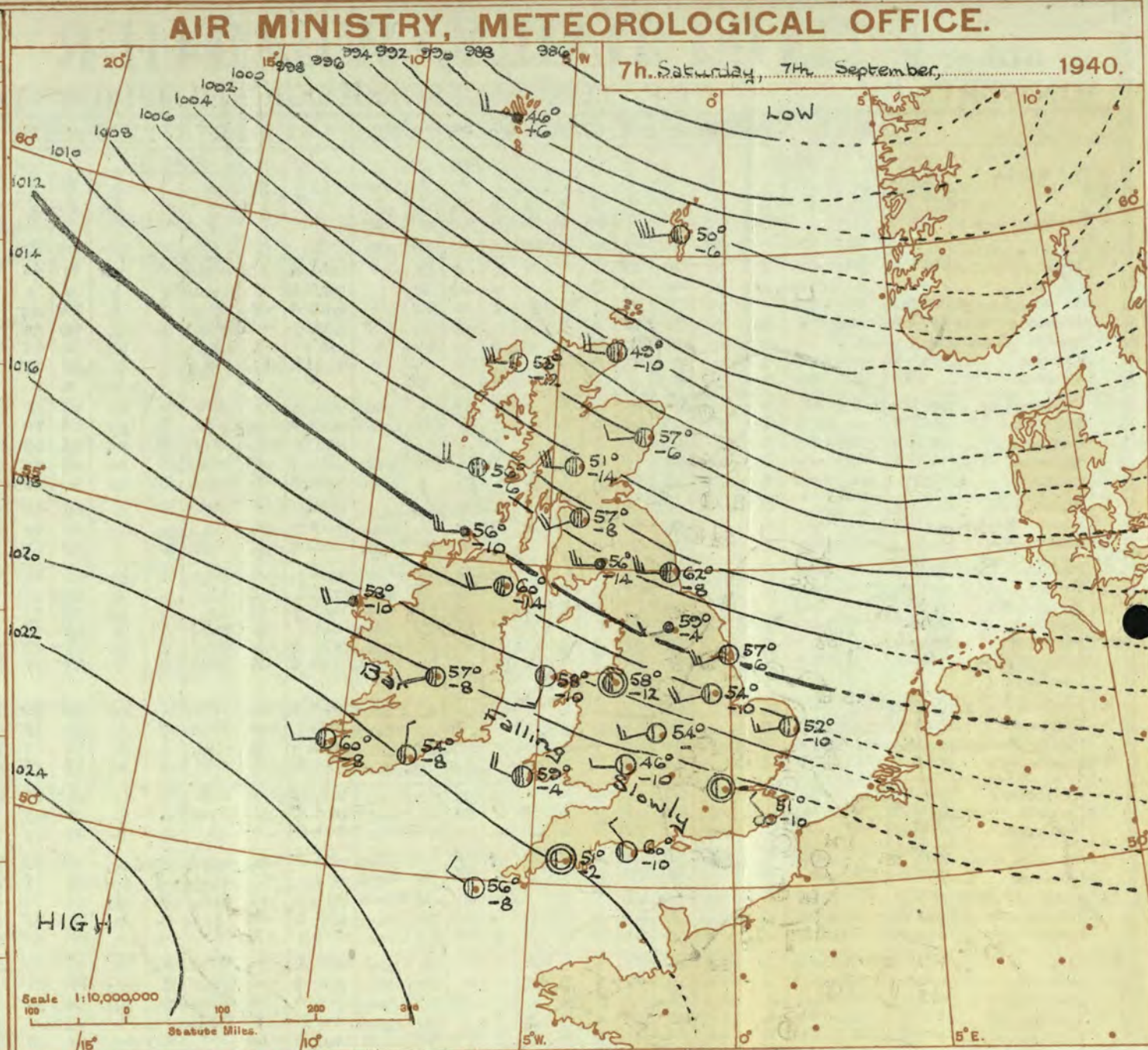
b, blue sky (not more than a quarter covered with cloud).  
bc, sky partly cloudy (one half covered). c, generally cloudy.  
d, drizzle. e, wet air. g, gloom.  
f, fog, visibility 220-1100 yds.  
F, thick fog, less than 220 yds.



Abridged observations of additional stations in the AVIATION WEATHER CODE															
13h. G.M.T. 7th September 1940								18h. G.M.T. 7th September 1940				01h. G.M.T. 8th September 1940			
III	C	ww	Vh	DDFWN	III	C	ww	Vh	DDFWN	III	C	ww	Vh	DDFWN	
109	5	22635	22568	5	22737	56767	5	02757	56627	87	25743	57794			
115	--	51103	20660	52	81735	20688	52	81734	24737	87	82634	57797			
203															
206	57	02855	57567	53	02954	24565	5	01054	20624						
210	52	22856	20568	53	02964	55626	5	228-5	22465	86	01854	57525			
220	5	54528	25458	5	21518	27358				52	02753	26428			
230				5	64618	53568									
245	57	02854	24426				52	01854	57414	83	01854	55415			
260	53	02864	22417	57	02854	20417	5	64628	55658	5	21847	56557			
274	73	02856	23427	5	51658	23320	8	05648	21468	67	02736	22458			
279				--	02748	20528									
285	13	01843	24515	53	02843	30616				9	02737	24617			
288	14	01861	22314	54	02864	20216				84	02754	18326			
273	17	01873	23504												
301	70	01864	27422	14	01961	25413	5	02886	24526	53	02755	24526			
321	10	05662	24324	00	05690	25323	07	03530	25102	07	05690	22224			
299				00	01790	22313				5	02746	24516			
292	10	02861	26415	54	01961	22314				5	02847	22416			
310	--	01635	24415							--	02636	24426			
316	10	01762	26312	00	05690	22313	54	01690	24501	03	01690	20315			
333	10	01362	24212	00	00990	24200	50	00361	00001	53	04843	24215			
334	--	01863	22315		00890	22200									
340	55	01054	28314	00	00990	32211	00	00790	22200	50	01373	18314			
136	10	01763	24302	00	01790	25303				04	05690	22416			
336	--	01853	28414		01862	28412					02841	20516			
350	10	03861	26101	00	01890	24113				03	00790	18201			
368	10	00861	19201	00	00890	24200	50	00791	26101	17	05691	23101			
379	40	00762	25202	00	01890	00013				00	01790	22102			
390							00	05690	26100	03	08590	26102			
382	10	00361	30101	00	01890	25103	05	00790	00001	00	04690	00001			
438	50	01761	10201							50	00771	31101			
430							00	05690	00000	00	05690	26100			
409	00	00890	01300	00	00890	32200				54	05845	22226			

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, Nh = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, Cm = 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 7th September.
1 S.E. England	Light to moderate or fresh westerly wind; fair at first, cloud increasing with perhaps slight rain later; rather warm today, cooler tomorrow.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Moderate to fresh or strong westerly wind, mainly cloudy; occasional rain or drizzle, perhaps bright intervals later; average temperature
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind W. to N.W. fresh or strong at times; occasional rain or showers, but bright intervals; cooler.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scotland.	Strong N.W. wind, a gale in squalls; showery; cool.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 11-13 A.
18 N. E. Ireland	
19 S. E. Ireland	As 6-10
20 S. W. Ireland	



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

#### GENERAL INFERENCE.

A deep depression to West of Central Norway is moving E.S.E., and associated troughs will move S.E. over the British Isles. Weather will become unsettled generally, but today will be fair in the South, and there is little immediate prospect of much rain in that area.

#### FURTHER OUTLOOK.

Cool and rather unsettled, but bright intervals.

GALE WARNINGS 0015 G.M.T. issued to districts 13, 15, 16.

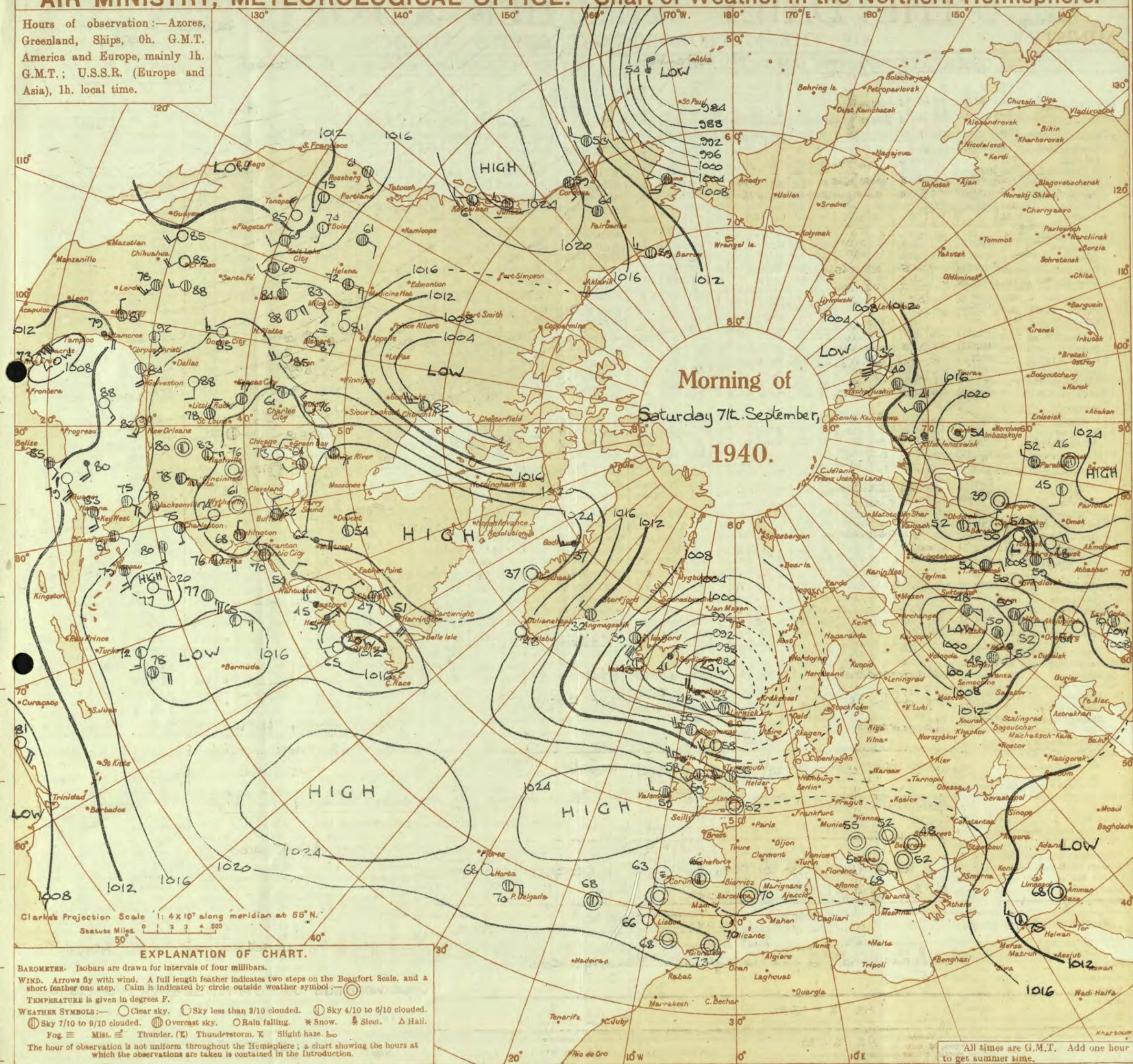
Forecasts issued at 1630h G.M.T.  
 H.M.S.O. Press, Cornwall House & E.I.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 7th September 1940.

No. 28779

OBSERVATIONS at 1 hr. G.M.T. 7th September														OBSERVATIONS at 7 hr. G.M.T. 7th September														PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.			State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.					
					Direc.	Force.					Form.	Amount.	Height of Base (feet).			Direc.	Force.					Form.	Amount.	Height of Base (feet).			Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																	Low.	Med.	High.	Low.	Med.
1	London (Kew) ... 18	217	30.1	0.0	WNW	1	z.	53	85	6	0	0	0	30.0	-0.1	WNW	2	z.	53	85	6	0	0	0	0	0	74	52	34	0	0	11.6					
	Croydon ... 217		30.1	0.0	WNW	1	z.	53	85	6	0	0	0	30.0	-0.1	WNW	2	z.	53	85	6	0	0	0	0	0	74	52	34	0	0	11.6					
	S. Farnborough ... 226	1022.4	30.1	-0.6	WNW	1	z.	49	82	6	0	0	0	0	1021.2	-0.6	WNW	1	z.	44	87	6	0	0	0	0	0	77	42	32	0	0	11.8				
	Boscombe Down ... 417	1022.7	30.1	-0.6	WS	2	z.	51	82	6	0	0	0	0	1021.3	-0.6	WS	2	z.	48	87	6	0	0	0	0	0	74	44	36	0	0	10.7				
	Calshot (Stmtn.) ... 8	1022.3	30.1	-0.2	WNW	2	z.	53	85	6	0	0	0	0	1021.4	-0.2	WS	1	z.	52	87	6	0	0	0	0	0	76	51	47	0	0	11.3				
	Lympne ... 346	1022.2	30.1	0.0	WNW	0	z.	52	87	6	0	0	0	0	1020.3	-0.1	WNW	1	z.	51	87	6	0	0	0	0	0	72	48	36	0	0	10.3				
	Manston ... 154	3000	30.1	0.0	WNW	2	z.	53	85	6	0	0	0	0	3000	0.0	WNW	2	z.	53	85	6	0	0	0	0	0	74	52	34	0	0	11.6				
2	Shoeburyness ... 11	1021.3	30.1	-0.6	WN	3	z.	53	85	6	0	0	0	0	1020.3	-0.6	WN	3	z.	54	85	6	0	0	0	0	0	71	48	38	0	0	10.3				
	Felixstowe ... 15	1020.6	30.1	-0.8	WSW	2	z.	56	75	6	0	0	0	0	1019.8	-0.8	WSW	3	z.	54	85	6	0	0	0	0	0	72	53	49	0	0	11.0				
	Gorleston ... 5	1020.8	30.1	-0.4	WSW	2	z.	52	85	6	0	0	0	0	1018.6	-1.0	WS	3	bc	52	85	6	0	0	0	0	0	65	50	50	0	0	10.0				
	Mildenhall ... 19	1020.8	30.1	-0.4	WSW	2	z.	52	85	6	0	0	0	0	1018.9	-0.8	WSW	3	bc	52	85	6	0	0	0	0	0	74	43	41	0	0	11.3				
	Cranwell ... 240	1020.8	30.1	-0.4	WNW	4	z.	52	85	6	0	0	0	0	1018.6	-1.0	WSW	4	bc	54	85	7	0	0	0	0	0	71	50	48	0	0	8.8				
3	Birmingham ... 535	1022.6	30.1	-0.2	W	1	bc	52	85	7	0	0	0	0	1019.3	-0.3	WSW	3	bc	54	85	8	0	0	0	0	0	71	50	45	0	0	10.3				
	Upper Heyford ... 408	1022.6	30.1	-0.2	W	1	bc	52	85	7	0	0	0	0	1020.8	-1.0	WSW	2	bc	49	92	8	0	0	0	0	0	73	45	35	0	0	11.6				
4	Ross-on-Wye ... 223	2500	30.1	0.0	W	1	bc	52	85	7	0	0	0	0	1020.2	-1.0	W	1	bc	46	92	8	0	0	0	0	0	74	43	37	0	0	11.6				
5	Hartland Point ... 299	1023.2	30.1	-0.8	NW	2	bc	53	85	8	0	0	0	0	1021.4	-0.6	WNW	3	bc	60	85	8	0	0	0	0	0	66	58	52	0	0	11.3				
	Bristol ... 209	1022.7	30.1	-0.6	W	1	z.	51	87	6	0	0	0	0	1021.0	-0.6	W	2	bj	53	87	6	0	0	0	0	0	73	48	38	0	0	11.3				
	Portland Bill ... 32	1022.6	30.1	-0.2	NW	1	bc	60	82	8	0	0	0	0	1021.5	-1.0	NW	1	bc	60	82	8	0	0	0	0	0	69	55	50	0	0	11.3				
	Plymouth ... 82	1023.6	30.1	-0.6	NNW	1	bc	56	75	7	0	0	0	0	1022.8	-0.2	WN	3	bj	51	87	6	0	0	0	0	0	72	40	40	0	0	11.1				
	The Lizard ... 240	1024.1	30.1	0.0	NW	4	bc	55	82	7	0	0	0	0	1023.3	-0.2	WN	3	bc	54	87	8	0	0	0	0	0	73	51	41	0	0	11.4				
	Scilly (St. Mary's) ... 163	1025.0	30.1	-0.4	W	2	bc	55	87	7	0	0	0	0	1023.1	-0.8	NNW	2	bc	56	82	8	0	0	0	0	0	68	54	44	0	0	12.0				
	Guernsey ... 175	1025.0	30.1	-0.4	W	2	bc	55	87	7	0	0	0	0	1023.1	-0.8	NNW	2	bc	56	82	8	0	0	0	0	0	68	54	44	0	0	12.0				
6	Pembroke ... 142	1023.1	30.1	-0.6	WNW	3	bc	58	85	7	0	0	0	0	1021.4	-0.4	WNW	4	c	59	85	8	0	0	0	0	0	65	57	51	0	0	11.2				
	Holyhead ... 26	1020.2	30.1	-1.0	WSW	3	bc	59	85	8	0	0	0	0	1018.6	-1.0	SW	3	c	58	85	7	0	0	0	0	0	62	55	51	0	0	10.8				
	Chester (Sealand) ... 16	1020.9	30.1	-1.4	W	0	bc	50	85	6	0	0	0	0	1017.9	-1.2	W	0	c	58	85	8	0	0	0	0	0	63	45	41	0	0	8.4				
	Manchester ... 70	1020.0	30.1	-1.4	SE	1	z.	52	82	6	0	0	0	0	1018.3	-1.2	SSW	2	z.	52	82	5	0	0	0	0	0	64	45	40	0	0	6.2				
10	Spurn Head ... 29	1017.8	30.1	-1.6	WS	6	bc	56	85	7	0	0	0	0	1015.9	-0.6	WSW	3	bc	57	85	7	0	0	0	0	0	67	53	50	0	0	8.6				
	Catterick ... 175	1017.7	30.1	-1.8	SW	4	c	59	75	7	0	0	0	0	1014.7	-0.4	WSW	2	bc	59	83	8	0	0	0	0	0	65	55	50	0	0	8.8				
	Tynemouth ... 108	1016.8	30.1	-1.4	W	5	z.	50	75	6	0	0	0	0	1012.9	-0.8	W	3	c	62	75	7	0	0	0	0	0	62	58	54	0	0	8.8				
11	St. Abbs Head ... 280	1011.6	30.1	-1.4	WNW	6	bc	60	85	8	0	0	0	0	1008.8	-1.2	W	3	bc	59	85	8	0	0	0	0	0	61	58	51	0	0	2.0				
	Leuchars ... 36	1010.8	30.1	-1.8	WSW	4	bc	59	82	6	0	0	0	0	1002.5	-1.2	WSW	4	bc	58	75	8	0	0	0	0	0	62	57	51	0	0	2.0				
	Renfrew (Abbots L.) ... 19	1013.0	30.1	-2.4	W	6	z.	59	82	5	0	0	0	0	1011.6	-0.8	WSW	4	bc	57	85	7	0	0	0	0	0	62	56	55	0	0	0.3				
	Eskdalemuir ... 794	1013.0	30.1	-2.4	W	6	z.	59	82	5	0	0	0	0	1011.6	-0.8	WSW	4	bc	57	85	7	0	0	0	0	0	62	56	55	0	0	0.3				
	Point of Ayre ... 30	1018.6	30.1	-1.0	W	5	c	60	82	8	0	0	0	0	1015.2	-1.4	W'S	4	rr	59	97	8	0	0	0	0	0	63	58	53	0	0	2.7				
13A	Tiree ... 22	1008.3	30.1	-0.8	W	5	c	55	75	7	0	0	0	0	1010.7	-0.6	WN	4	c	56	85	8	0	0	0	0	0	61	58	51	0	0	0.0				
13B	Stornoway ... 80	1008.3	30.1	-0.8	W	5	c	55	75	7	0	0	0	0	1003.9	-1.2	W	6	c	53	75	7	0	0	0	0	0	58	52	45	0	0	0.0				
15	Dalwhinnie ... 1176	1007.9	30.1	-1.4	W	6	c	51	75	7	0	0	0	0	1007.9	-1.4	W	6	c	51	75	7	0	0	0	0	0	59	51	45	0	0	1.5				
	Aberdeen ... 79	1005.3	30.1	-1.2	W	4	c	53	75	7	0	0	0	0	1006.2	-0.6	W'S	2	cjp	57	65	8	0	0	0	0	0	66	57	52	0	0	1.6				
	Wick ... 81	1005.3	30.1	-1.2	W	4	c	53	75	7	0	0	0	0	1002.9	-1.0	W	4	cjp	49	92	7	0	0	0	0	0	64	49	43	0	0	2.2				
	Lerwick ... 156	998.0	30.1	-2.8	W'S	8	c	53	85	7	0	0	0	0	995.																						



AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Sunday 8th September 1940.  
No. 28780

OBSERVATIONS at 13h. G.M.T. 7th September														OBSERVATIONS at 18h. G.M.T. 7th September														PAST 24 HOURS.									
DISRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.									
				Dir.	Force. 0-12 (4)					Form.	Amount. Low Total 0-10 0-10 (12) (13)	Height of Base. (feet) (14)	Dir.			Force 0-12 (18)	Form.					Amount. Low Total 0-10 0-10 (25) (26)	Height of Base. (feet) (28)	7h.—18h. 7th—8th (37)	13h.—18h. 7th—8th (38)			18h.—7th to 18th—8th (39)	1h.—7th 8th—8th (40)								
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lymington Manston	1017.0 1017.5 1018.1 1018.5 1018.1	-20 -22 -20 -18 -18	SW SW W SWW W	3 3 4 4 1	b b b b b	70 74 71 70 72	45 45 55 65 45	8 8 8 8 8	- - - 1 -	- - - - -	- - - Tr 0	0 0 0 Tr 0	- - - 2500 -	1014.0 1014.3 1014.5 1015.5 1015.6	-14 -12 -14 -10 -18	WS SW W WN WS	3 2 4 4 4	c bc c bc b	70 69 69 64 64	45 55 55 65 85	8 8 8 8 7	- - - - -	- - - - -	6 4 6 6 1	0 0 0 0 0	9 4.6 9 7.8 0	- - - - -	0 0 0 0 0	** * * 3	bby bc by bmb bmb bmb	bby bc by bmb bmb	cybc bc cybbw bbcbw bmw	bcw bcidbcw cid bm,c bm,c			
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1016.9 1016.6 1015.7 1015.4 1015.0	-26 -20 -20 -24 -22	W W WSW WSW W	3 3 4 4 4	b b bc bc bc	72 77 71 75 74	45 45 57 45 45	8 8 7 8 7	- - - 1 8	- - 4 4 4	- - - Tr 1	0 0 0 2.3 4.6	0 1 1 3000 3500	1013.7 1012.2 1012.1 1012.1 1012.1	-20 -14 -18 -14 -14	WSW WSW WN WN WN	2 1 4 5 5	b bc c c c	69 73 73 69 65	55 55 45 55 55	8 7 8 8 8	- 7 5 1 4	- - - - -	0 4.6 7.8 7.8 Tr	0 4.6 5000 2500 2500	- 2800 5000 2500 2500	0 0 0 0 0	*2 * * *	bzoby bmb bey bmb bey	by bc bey bey byc	bzb byb,m bc beybc bbyc	bmb bm,bm bm bcidbc bcidbc				
3	Birmingham Upper Heyford	1015.9 1016.8	-16 -24	WSW WSW	3 3	bc bc	71 75	45 45	8 8	1 5	5 9	1 4.6	4000 4000	1013.1 1014.0	-14 -8	WS WS	3 3	c c	66 70	55 65	8 8	1 8	4 4	6 9	7.8 7.8	4000 3500	0 0	**	bby bey	bbybc bbybc	bcc bcc	cor cor					
4	Ross-on-Wye	1017.0	-14	WS	3	bc	73	55	8	7	-	1	2.3	4000	1014.4	-10	WSW	3	bc	65	75	8	4	-	1	2.3	4000	0	*	bby	bby	bcc	cor				
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Soilly (St. Mary's) Guernsey ...	1020.0 1018.9 1019.6 1020.1 1021.5 1022.2	-8 -12 -6 -18 -8 -10	NW WS W WSW W WN	3 4 3 3 3 3	c bc bc bc bc c	62 65 63 67 66 66	75 75 75 65 65 65	8 8 8 8 8 8	5 7 2 1 8 5	6 - - - 6 -	- - - - - -	4.6 4.6 4.6 1 1.6 9.4	1700 2800 1000 3000 3000 2000	1016.7 1016.1 1015.7 1018.0 1019.3	-20 -22 -20 -12 -16	W WS W WNW WN	3 4 4 4 4	c bc bc c c	62 61 63 63 63	85 85 75 65 85	8 8 8 8 8	6 - - - 6	- - - 9 4.6	7.8 2.3 4.6 9 9.4	2500 2800 4000 2500 1800	0 0 0 0 2	*2 3 2 2	bcc bmb bc bmb bc	c bc bc bby c	c bcc cbc irb cbc c	c bcc cbc irb cbc c	cpr edzpr prb badram bcc cpr				
6	Pembroke	1019.8	-16	WN	4	c	61	85	8	8	-	9.4	1400	1015.9	-16	WSW	5	c	61	92	8	8	-	9.4	9.4	1500	0	2	*	c	c	cq	cba				
7	Holyhead	1016.0	-14	WS	4	c	62	85	8	5	-	10	3000	1012.1	-14	WSW	4	c	62	85	8	5	-	9.4	9.4	2500	0	2	*	c	c	cpr	cba				
8	Chester (Sealand)	1015.4	-10	WS	4	bc	70	55	8	8	3	8	2.3	3500	1011.7	-26	WSW	4	bc	65	65	7	5	-	9.4	9.4	3500	0	*	bby	bby	cpr	cba				
8	Manchester	1015.4	-12	W	5	c	65	75	8	8	-	7.8	2500	1011.6	-24	SW	4	c	64	75	8	5	-	9	9.4	2300	0	*	bc	bc	cpr	cba					
10	Spurn Head	1013.3	-10	WSW	5	c	70	65	6	-	4	-	0	4.6	1010.3	-8	W	4	c	65	75	6	-	2	0	7.8	-	0	3	*	bcc	c	cpr	cba			
	Catterick	1012.3	-10	WSW	4	pr	63	75	8	8	-	9.4	2800	1008.8	-24	WSW	4	c	62	75	7	5	-	9	9	1500	0	*	id	cpr	cpr	cba					
	Tynemouth	1011.1	-4	W	6	cq	62	75	7	2	-	7.8	2800	1009.2	-10	W	6	c/r	58	75	6	-	2	0	10	10	1600	0	1	*	id	cpr	cpr	cba			
11	St. Abbs Head	1007.5	-10	WNW	6	cq	60	65	8	5	9	4.6	9.4	2500	1005.6	-10	WNW	4	cq	57	65	8	5	3	-	7.8	10	2500	0	3	*	cq	cq	cba	bba		
	Leuchars	1006.3	-10	WSW	5	c	61	55	8	8	1	-	4.6	10	1003.1	-12	WSW	4	c	57	65	8	5	7	-	2.3	9.4	3200	0	*	bby	bby	bba	bba			
12	Reufrew (Abbots L.)	1010.3	-4	WS	4	c	58	75	7	5	7	-	4.6	9	1800	1007.9	-10	WSW	4	pr	55	85	7	8	7	-	7.8	9.4	1800	0	1	*	c	cpr	cpr	bba	
	Esksdalemuir	1008.7	-16	WN	7	c	60	65	8	8	3	-	4.6	9.4	1500	1007.6	-8	WN	5	c	53	65	8	5	7	-	4.6	9.4	1500	0	1	*	c	cpr	cpr	bba	
	Point of Ayre	1013.4	-8	WN	5	c	65	85	8	5	7	-	9	9.4	1500	1010.6	-8	WNW	5	c/r	56	92	8	5	7	-	10	10	1500	0	1	3	*	c	cpr	cpr	bba
13a	Tiree	1008.9	-6	WN	4	o	56	85	7	5	-	10	10	1200	1006.8	-10	WN	5	o	55	75	7	5	-	10	10	2500	0	4	*	cpr	o	cpr	cpr			
13b	Stornoway	1002.9	-26	W	7	bc	57	55	8	2	5	9	2.3	4.6	1500	1001.7	-6	W	5	c/pr	50	85	8	5	-	4.6	7.8	1000	-1	3	*	cpr	bccpr	cpr	cpr		
15	Dalwhinnie	1006.2	-6	W	6	c	52	75	7	4	2	-	4.6	9.4	2500	1004.0	-12	SW	3	c	49	75	6	8	5	-	2.3	7.8	2500	0	*	cpr	bcc	cpr	cpr		
	Aberdeen	1004.6	-10	W	3	c	60	55	8	1	7	-	2.3	7.8	4000	1002.1	-14	W	3	c	57	55	7	5	7	-	4.6	9.4	4000	0	1	*	bby	c	cybc	bba	
	Wick	1000.0	-16	WSW	6	bey	56	55	8	8	7	-	2.3	4.6	2500	998.8	-10	W	5	cq	53	65	8	9	7	-	4.6	9.4	1500	0	1	3	*	prby	beyc	prby	prby
16	Lerwick	993.3	-16	WSW	8	pr	52	85	7	8	7	-	7.8	9	800	991.3	-4	W	8	c/pr	50	85	7	8	7	-	7.8	9	800	0	1	*	cpr	cpr	cpr	cpr	
17	Blackod Point	1015.6	-14	W	4	dd	60	92	6	6	-	10	10	1500	1013.5	-12	W	4	c	57	75	7	-	7	-	0	10	-	0	3	*	dd	c	bc	bc		
18	Malin Head	1011.6	-10	W	3	c	58	85	8	5	6	-	4.6	7.8	4000	1009.5	-10	W	4	c	56	75	7	9	-	9	9	4000	0	3	*	id	cpr	bccpr	cpr		
	Aldergrove	1012.6	-22	WS	4	id	61	92	6	6	-	10	10	500	1010.8	-14	WSW	3	c	55	85	8	5	-	10	10	3000	0	1	*	id	id	bcc	bcc			
19	Birr Castle	1017.4	-16	WSW	3	id	64	75	7	5	-	10	10	1500	1014.1	-10	W	2	id	60	85	7	5	-	10	10	2500	0	*	c	id	id	cpr	cpr			
20	Valentia Obsy.†	1020.6	-16	W	4	id	61	97	5	5	-	10	10	450	1017.9	-18	WSW	4	c	61	85	8	8	-	10	10	1500	0	1	2	*	c	id	cpr	cpr		
	Roches Point	1018.9	-20	NW	3	c	66	75	8	8	-	7.8	7.8	2500	1016.5	-12	WNW	3	c/pr	61	85	8	8	-	7.8	7.8	1500	0	1	2	*	c	id	cpr	cpr		

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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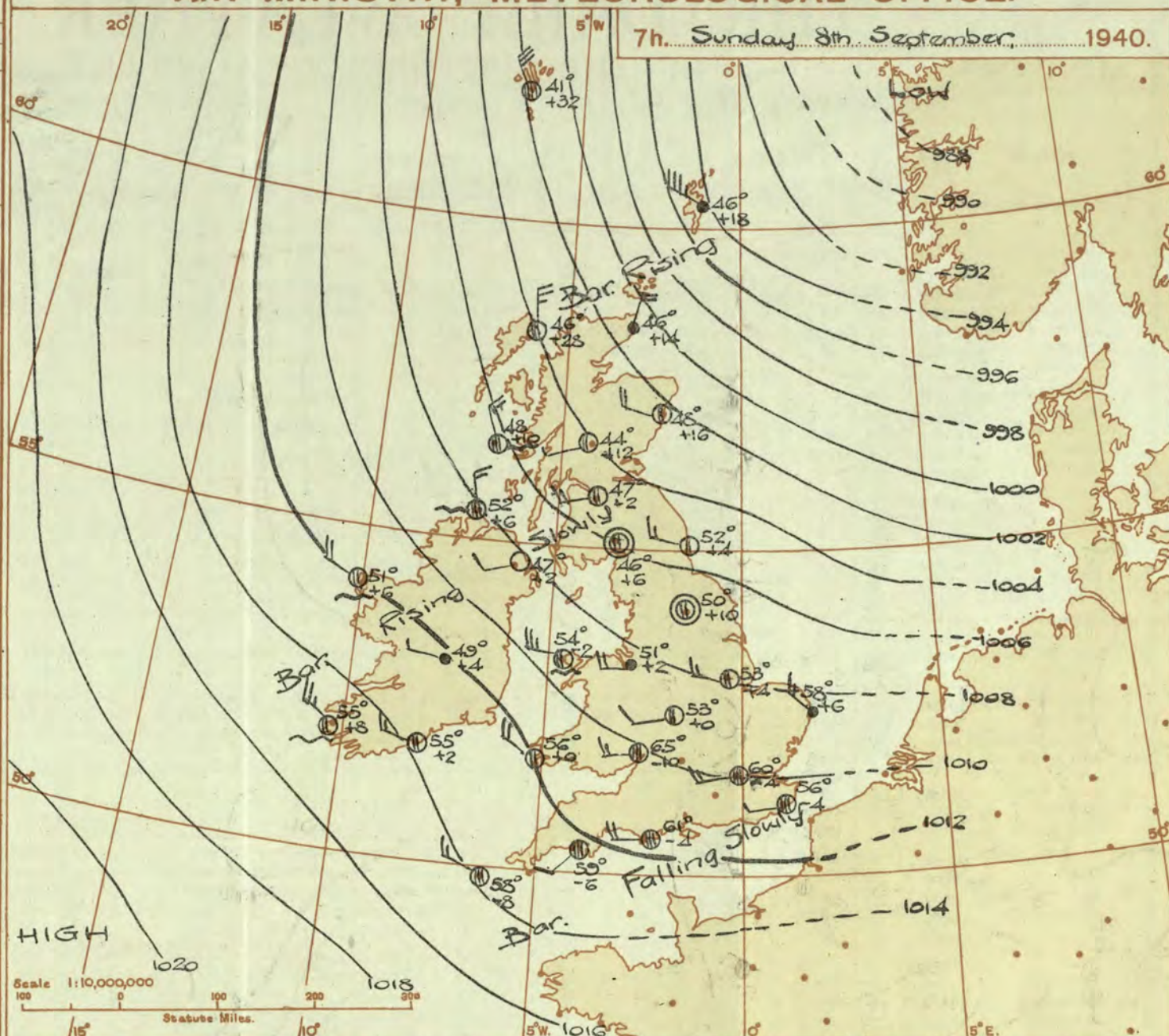


Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 7th Sept. 18h. G.M.T.				01h. G.M.T. 8th Sept. 07h. G.M.T.							
IIIC	C <sub>1</sub>	wwVhN	DDFWN	C <sub>2</sub>	wwVhN	DDFWN	C <sub>3</sub>	wwVhN	DDFWN	C <sub>4</sub>	wwVhN
109	8-	10695	57785					87	22744	27567	
115	87	82744	57785	87	82734	57885	51	81744	57885	87	81734
203								8-	02744	24414	
206								5-	01853	22213	57
210	83	02855	22526	85	02843	57616	5-	028-4	57524	86	02843
220	83	01854	26416					9-	25747	28387	
230	87	25755	20488					87	25754	57484	
245	67	02854	57528	53	02965	57627	50	00862	55512	26	00861
260	57	02854	22418	57	02854	23528	50	00861	21411	50	01875
277				5-	02858	23458	50	01754	26424	8-	25746
279											
285	6-	63638	24568								
288	87	02855	22527	87	02846	19587	5-	22648	22468	86	02864
273								36	65654	29268	
301	57	05645	24527	8-	02766	23516	8-	81748	26488	83	02955
321	87	05767	24327	44	02766	24326	57	05655	26328	03	05690
299	57	05644	24615					5-	05648	22328	53
292	57	02846	22557	83	02745	55526	5-	61658	22368	84	01863
310	-	02635	24425								
316	8-	02753	24316	83	02762	24414	5-	61528	26228	69	02743
333	53	02854	22425	53	02755	22326	5-	22748	26268	83	01854
334		02846	23426		02857	57427					
340	84	01963	21014	7-	02857	22417	5-	02754	26324	53	01962
136	14	01861	22414	46	02774	20226	04	01790	24401	52	61636
336		01853	24414		02853	24516					
350	03	01890	23213				50	05663	22313		
368	52	02846	24428	73	02846	24427	50	01746	24326	87	02864
379				40	01762	24314	53	05663	24315	52	02765
390										33	05664
382	00	00790	23301	00	01790	22415	50	05663	28103	5-	51857
438										8-	02745
430	00	00790	22300	00	00790	24400	00	05690	24200	33	00741
409				5-	02857	23327	5-	01744	20414	52	22627

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C<sub>1</sub>, C<sub>2</sub> = Form of low and medium cloud—See page 1.  
 V = Visibility. P = 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. Sunday 8th September.
1 S.E. England	Wind veering north-west, moderate, backing south-west tomorrow; mainly cloudy, some light rain or showers today; mainly fair to fine later tonight and tomorrow except for showers near the East Coast; becoming cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind mainly north-west, moderate, backing later; mainly cloudy; some local showers; rather cool.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind north-west to north, fresh locally, decreasing, backing south-west and freshening later; showery, perhaps local thunder; brighter periods; mainly fair tomorrow; cool.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind north, moderate to fresh locally, decreasing temporarily, backing south-west to south, increasing fresh or strong; variable cloud. Showers, heavy locally perhaps with thunder; rain spreading south-east tomorrow; very cool.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	Strong northerly wind, moderating, increasing from south tomorrow; variable cloud, showery; very cool.
16 Orkneys and Shetlands	
17 N. W. Ireland	As 12-14.
18 N. E. Ireland	
19 S. E. Ireland	As 4-6.
20 S. W. Ireland	

## AIR MINISTRY, METEOROLOGICAL OFFICE.



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

### GENERAL INFERENCE.

Small troughs of low pressure are moving south-east over the British Isles & North Sea, and will be followed temporarily by a ridge of high pressure now extending to East Iceland. A new and deepening depression now north-west of Iceland will move south-east. Weather will be cool and unsettled; some slight rain or showers will occur today in several areas, followed by a temporary finer interval, but rain will spread to north-western districts tomorrow.

### FURTHER OUTLOOK.

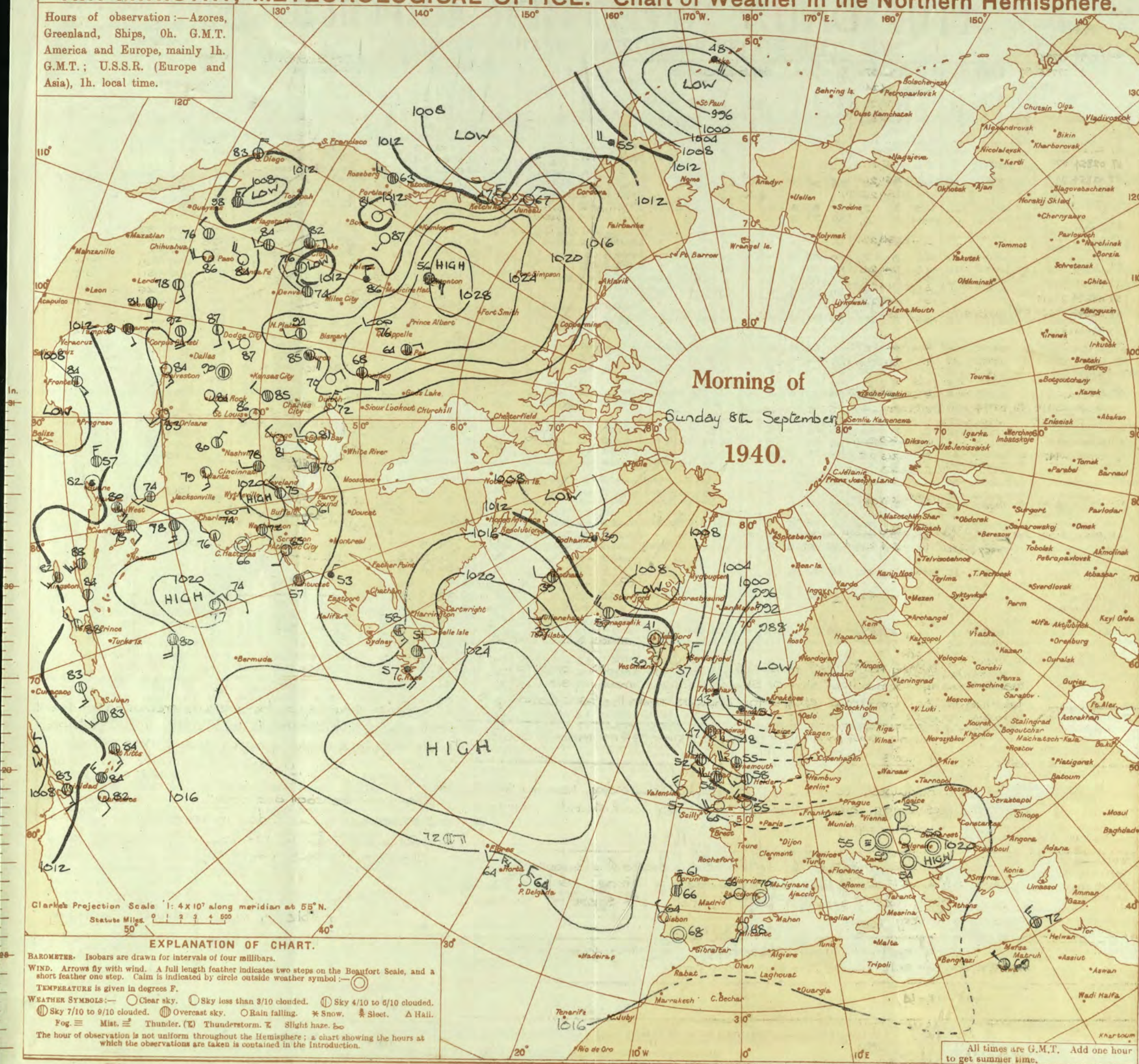
Rain probable in most districts, spreading from north-west.

Forecasts issued at 07.00h G.M.T. 9/9. N. K. JOHNSON, D.Sc., A.R.C.S., Director.  
 H.M.S.O. Press, Cornwall House, S.E.1.



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Sunday, 8th September, 1940.  
No 28780.

OBSERVATIONS at 1 hr. G.M.T. 8th September...														OBSERVATIONS at 7 hr. G.M.T. 8th September...														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. M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUR- SHINE Hrs. (36)		
					Direc. (3)	Force. (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Direc. (17)					Force (18)	Low (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew) ... 18													1009.5	-4	W'S	3	C	60	85	8	3	-	1	7-8	9	2500	0	*	74	57	51	-	-	10.7			
	Croydon ... 217													1010.0	-2	WNW	2	bc	59	85	8	5	7	-	2-3	4.6	2000	0	*	76	53	43	-	Tr	10.7			
	S. Farnborough ... 226	1012.1	-18	WSW	3		C	55	92	7	-	3	4	0	7-8	-	1010.2	-4	WSW	3	C	58	85	8	5	7	-	7-8	9	2000	1	*	71	53	43	-	0.1	10.3
	Boscombe Down ... 417													1010.4	-6	WSW	3	C	57	92	7	5	7	-	7-8	9	2500	1	*	71	53	52	-	-	11.1			
	Calshot (Stmntn.) ... 8	1013.0	-20	W'S	3		Zo	57	85	6	5	-	1	1	2-3	1700	1010.9	-7	W	3	C	60	85	8	5	-	3	9	4000	0	2	71	53	52	-	-	11.3	
	Lympe ... 346	1013.2	-14	WNW	3		Zo	55	97	6	-	-	-	0	0	-	1011.5	-4	WSW	1	C	56	92	7	5	3	-	4-6	9	2000	0	*						
	Manston ... 154																																					
2	Shoeburyness ... 11													1009.8	-6	WSW	3	C	60	85	8	5	-	-	9+	3+	800	0	*	75	58	52	-	-	7.5			
	Felixstowe ... 15	1010.0	-14	W'S	3		Zo	60	85	6	-	-	-	0	0	-	1008.6	0	W	3	C	58	85	7	5	-	-	7-8	7-8	4500	0	1	78	55	53	-	Tr	10.9
	Gorleston ... 5	1009.6	-16	W'S	2		bc	61	75	7	-	4	-	0	2-3	-	1008.3	+6	NW	3	C	55	75	7	5	-	-	10	10	1400	1	2	76	57	52	-	Tr	10.3
	Mildenhall ... 19	1009.6	-16	SW	4		bc	57	85	7	5	-	-	2-3	2-3	4000	1008.7	+10	WNW	2	C	55	85	7	5	2	-	7-8	10	2500	0	*	79	55	48	-	Tr	10.4
	Cranwell ... 240	1009.3	-14	WSW	3		Zo	58	86	6	5	-	-	4-6	4-6	2500	1009.2	+4	W	3	bc	53	92	7	5	3	-	4-6	4-6	2500	1	*	76	52	51	-	0.2	8.3
3	Birmingham ... 535													1009.3	0	WSW	2	bc	53	85	8	5	-	5	4-6	4-6	2500	0	*	74	51	46	-	1	9.5			
	Upper Heyford ... 408	1011.8	-18	WSW	3		Zo	56	92	6	5	-	-	9+	9+	2500	1010.6	+8	WNW	3	C	53	97	8	5	3	-	7-8	7-8	1500	1	*	78	52	45	-	0.1	*
4	Ross-on-Wye ... 223													1010.2	0	SWW	3	bc	53	92	8	5	-	9	2-3	4-6	2500	1	*	75	53	51	-	2	11.3			
5	Hartland Point ... 299	1013.2	-14	NW	4		C	61	92	8	5	-	-	7-8	7-8	2500	1011.6	+4	NNW	4	C	58	75	8	8	6	-	4-6	9	2500	1	3	64	56	54	-	0.2	2.5
	Bristol ... 209	1012.2	-22	W	3		bc	61	92	6	5	-	-	9	9	1000	1010.7	+2	W	2	C	58	92	9	8	6	-	7-8	9	1500	1		67	57	54	-	0.3	9.2
	Portland Bill ... 32	1013.7	-18	W	4		bc	62	92	8	5	-	-	4-6	4-6	2500	1011.6	-4	W	4	C	61	85	8	8	6	-	7-8	10	2500	0	3	65	58	-	-	-	*
	Plymouth ... 82	1014.7	-14	W'S	4		b	60	75	8	5	-	-	1	1	2000	1012.1	-6	SW	2	C	59	92	6	5	-	-	3+	3+	1400	1	2	69	57	54	-	2	9.0
	The Lizard ... 240	1013.9	-16	WNW	4		bc	59	92	8	8	-	-	4-6	4-6	2500	1013.2	-4	W	4	C	59	92	8	8	2	-	7-8	9+	2500	0	3	68	58	-	-	-	8.8
	Scilly (St. Mary's) ... 163	1016.0	-18	WSW	4		C	59	85	7	-	-	-	4-6	9	1500	1013.5	-8	NNW	3	C	58	97	8	8	2	-	7-8	9+	1400	1	2	67	57	-	-	-	5.0
	Guernsey ... 175																																					
6	Pembroke ... 142	1012.9	-12	W	5		C	60	92	7	8	-	-	9	9	1600	1011.7	0	NW	4	bc	56	85	8	2	6	-	2-3	4-6	2500	0	2	63	55	-	-	0.2	3.6
7	Holyhead ... 26	1010.0	-16	W'S	4		bc	56	85	7	9	-	-	10	10	1500	1008.9	-2	W	5	bc	54	85	8	2	3	-	4-6	4-6	2200	0	4	65	53	52	-	0.1	5.1
	Chester (Sealand) ... 16	1010.3	-4	W'S	2		bc	54	92	6	5	-	-	10	10	1500	1009.1	+2	W	4	bc	51	85	6	6	-	-	3+	10	1500	1	*	72	51	47	-	2	8.0
8	Manchester ... 70	1009.6	-14	W	3		C	*	*	7	5	-	-	10	10	1200	1008.4	0	WSW	2	C	51	92	8	8	3	-	4-6	7-8	2400	1		70	49	45	-	4	3.1
10	Spurn Head ... 29	1007.6	-10	W'S	5		C	56	85	6	6	-	-	9+	9+	2500	1006.6	0	SWW	4	C	54	85	6	6	4	-	4-6	7-8	2500	1	3	70	53	-	-	0.4	7.1
	Catterick ... 175	1007.4	-10	WSW	1		bc	52	85	6	5	2	-	7-8	10	1500	1006.9	+10	W	0	bc	50	75	8	5	3	-	2-3	4-6	3500	0		64	48	42	0.1	0.5	1.1
	Tynemouth ... 108	1006.5	-10	W	5		Zo	55	75	6	5	-	-	9+	9+	1600	1006.7	+4	W	3	bc	52	75	8	2	4	-	2-3	2-3	3400	0	1	66	51	46	Tr	Tr	*
11	St. Abbs Head ... 280	1002.8	-8	WNW	5		bc	51	75	8	5	-	-	4-6	4-6	2500	1003.6	+6	NNW	4	bc	48	75	8	4	4	-	1	2-3	2500	0	2	61	47	-	Tr	-	2.6
	Leuchars ... 36	1002.5	-6	W	3		b	59	75	7	-	7	-	0	1	-	1003.5	+10	WSW	2	b	48	75	9	5	4	-	Tr	1	2500	0	*	64	41	31	-	-	2.6
	Renfrew (Abbots I.) ... 19	1003.2	-10	W	4		bc	49	85	8	5	-	-	4-6	4-6	2000	1004.8	-2	W'S	3	bc	47	85	8	3	-	-	4-6	4-6	2500	1		63	45	37	Tr	0.4	2.8
	Eskdalemuir ... 794													1005.9	+6	-	0	bc	46	75	8	5	-	-	-	2-3	2-3	1500	1		61	43	38	1	-	2.3		
	Point of Ayre ... 30	1008.1	-12	WNW	5		bc	55	92	8	5	-	-	2-3	2-3	1500	1007.6	+2	NW	5	C	52	85	8	8	-	-	7-8	7-8	1500	1	3	67	51	-	1	0.6	0.3
13A	Tiree ... 22													1006.5	+10	NW	4	C	48	97	7	8	-	-	-	7-8	7-8	1200	1	4	57	46	-	1	5	*		
13B	Stornoway ... 80	1002.8	0	NW	4		C	47	85	7	5	7	-	4-6	9+	2000	1006.5	+23	N	5	C	48	85	8	8	7	-	7-8	9	1500	1	3	58	45	-	1	3	7.9
15	Dalwhinnie ... 1176													*	+12	WSW	1	bc	44	75	7	5	4	-	-	4-6	4-6	1500	1		59	41	36	0.6	0.2	0.9		
	Aberdeen ... 79													1002.3	+16	NNW	4	bc																				



# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 9th September 1940.  
No. 28781

OBSERVATIONS at 13h. G.M.T. 8th September														OBSERVATIONS at 18h. G.M.T. 8th September														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.				Barom. at M.S.L. mb. (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.								
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Dir.			Force. 0-12 (18)	Form.					Amount. Low 0-10 Total 0-10 (24) (25)	Height of Base. (feet) (26)	7h.-13h. 8th (37)	13h.-18h. 8th (38)				18h. to 9th (39)	1h.-7h. 9th (40)							
1	London (Kew)...	1009.1	-6	W'S	2	c	65	35	8	4	6	4-6	2500	1007.9	-4	NW	2	c	65	35	8	8	3	2	4-6	7-8	2500	0	*	cbey	cbey	bcycpr	bcemom				
	Croydon ...	1009.2	-6	W	2	c	65	35	8	2	5	8	1-6	9	3000	1008.2	-6	NW	2	c	64	35	8	4	6	1	4-6	9	3000	0	*	pr	cprbcy	bcycir	cirb		
	S. Farnborough	1009.3	-10	W	3	c	65	35	8	7	-	4-6	9	3000	1008.2	-4	NW	3	bc	64	35	8	2	3	1	2-3	2-3	3500	0	*	cphmoy	cprbcy	bcycir	cirb			
	Boscombe Down	1009.9	-6	W'S	4	c	65	35	8	8	7	1	4-6	7-8	2500	1009.2	0	-	bc	58	55	8	8	-	1	2-3	4-6	3000	0	*	c	bc	bcpr	b			
	Calshot (Soton.)	1010.0	-6	NW	3	c	64	55	8	7	7	-	1	9	3000	1008.8	-6	NW	3	bc	64	45	8	2	3	1	2-3	4500	0	1	cipy	bc	bcpr	bcirb			
	Lympne ...	1010.9	+4	-	0	c/r	55	92	6	5	2	-	4-6	9	2500	1009.6	-6	-	55	92	6	5	2	1	7-8	9	1500	1	2	cirra	canort	bcc	crrcmir				
	Manston ...	*	*	W/N	1	c/r	*	*	7	3	*	4-6	9	2800	*	*	S	0	55	92	6	5	7	*	7	10	3000	0	*	*	*	*	*	*			
2	Shoeburyness ...	1009.5	-8	SW	3	c	63	75	7	8	7	6	4-6	9	2500	1008.4	-8	SW	4	61	85	7	8	7	-	7-8	7-8	4000	0	*	c	cpr	cpbc	bcb			
	Felixstowe ...	1008.7	-4	NW	3	c	67	45	7	2	5	6	2-3	7-8	3000	1008.0	-6	NW	2	63	45	8	2	7	6	4-6	9	3500	0	1	bcirbc	bcy	cybc	bcb			
	Gorleston ...	1008.4	0	NW	3	c	63	55	7	2	5	-	4-6	7-8	2300	1008.6	+2	EN	2	61	65	7	8	-	-	7-8	7-8	2400	0	2	ciacy	cyc	cybc	bcbpr			
	Mildenhall ...	1008.3	-6	NW	4	c	63	55	8	8	7	6	4-6	9	3500	1007.9	-2	NNW	2	61	45	8	8	-	1	7-8	9	4000	0	*	c	cybcy	cybc	bcbm			
	Cranwell ...	1008.9	+2	W	4	c	61	45	7	8	7	-	7-8	9	2500	1009.2	+8	NW	3	57	55	7	8	6	-	4-6	7-8	2500	0	*	bcy	cybcy	bcbm	bcbm			
3	Birmingham	1008.8	-6	NNW	3	c	60	45	8	8	-	-	9	9	2500	1009.9	+2	NW	3	54	55	8	8	-	-	9	9	2500	0	*	bcpr	cbc	cbc	bcbm			
	Upper Heyford	1009.7	-6	NW	3	bc	61	45	9	8	4	6	2-3	4-6	1800	1009.3	+2	NW	2	56	55	8	8	6	-	7-8	2-3	2500	0	*	bcy	bcybc	bcb	bcbm			
4	Ross-on-Wye ...	1010.1	-4	NW	4	bc	61	45	8	7	-	9	4-6	4-6	4000	1010.4	+6	NE	2	54	75	3	8	-	-	7-8	7-8	2500	0	*	bcy	bcybc	bcb	bcbm			
5	Hartland Point	1011.6	-4	W	4	c	60	92	8	8	6	9	4-6	7-8	1500	1011.8	+2	NW	4	56	92	9	2	6	3	4-6	4-6	1500	0	3	cbey	cbc	bcb	bcb			
	Bristol ...	1010.3	-6	NW	3	bc	63	45	9	2	6	5	2-3	2-3	3000	1010.5	-2	NW	2	55	65	9	8	6	3	4-6	4-6	2500	0	*	cbey	bcpr	cbcb	bc			
	Portland Bill ...	1010.9	-12	W	2	c	62	85	8	5	-	-	10	10	2500	1010.2	-10	N	3	62	85	8	5	-	-	10	10	4000	0	3	c	cbey	cbcb	bc			
	Plymouth ...	1011.6	-6	NNW	4	c	64	45	8	7	-	5	4-6	7-8	2000	1011.3	-2	NNW	4	58	65	8	2	-	8	4-6	4-6	2500	0	2	cmddro	cyprbc	bcprbc	bcb			
	The Lizard ...	1012.8	-2	W'S	3	bc	64	75	8	8	6	-	4-6	4-6	2500	1012.8	-2	NW	5	56	65	8	8	-	-	4-6	4-6	2500	1	3	prbc	cprbc	prbc	prbc			
	Scilly (St. Mary's)	1013.2	-4	NW	5	bc	66	55	8	8	6	-	4-6	4-6	1500	1013.8	-2	NW	4	57	65	8	8	6	3	2-3	4-6	1500	1	2	cbey	cpqbc	prbc	prbc			
	Guernsey ...	1013.2	-4	NW	5	bc	66	55	8	8	6	-	4-6	4-6	1500	1013.8	-2	NW	4	57	65	8	8	6	3	2-3	4-6	1500	1	2	cbey	cpqbc	prbc	prbc			
6	Pembroke ...	1011.6	-6	NW	4	cg	58	65	8	2	6	-	4-6	7-8	2500	1012.6	+2	NNW	3	55	65	8	3	4	-	4-6	4-6	1600	1	2	bcpr	cbey	cbey	cbey			
7	Holyhead ...	1010.2	+4	NW	5	c	55	75	8	8	3	-	7-8	7-8	1700	1012.1	+10	NNW	4	55	75	8	2	-	1	9	9	1500	0	3	bcpr	cbey	cbey	cbey			
	Chester (Sealand)	1010.2	+6	NW	4	pr	55	65	7	8	-	-	9	9	1500	1010.9	+6	NW	3	53	65	8	3	-	-	2-3	2-3	1500	1	*	cmddro	prbc	prbc	prbc			
8	Manchester ...	1009.0	+4	NW	4	bc	58	65	8	8	-	-	4-6	4-6	2200	1010.0	-6	NW	3	52	75	8	2	3	3	1	2-3	2800	0	*	bc	cbey	cbey	cbey			
10	Spurn Head ...	1007.5	+2	W	4	c	60	55	7	2	-	-	7-8	7-8	2500	1008.4	0	NE/E	2	56	65	7	4	-	-	4-6	4-6	4000	0	1	c	bcy	bcy	bcy			
	Catterick ...	1007.7	+6	NW	4	bc	61	45	9	2	-	-	4-6	4-6	4000	1009.1	+8	NNW	3	55	55	8	8	6	-	7-8	7-8	2000	0	1	bcy	bcy	bcy	bcy			
	Tynemouth ...	1007.2	+4	W	5	bc	58	45	8	2	-	-	4-6	4-6	3500	1009.5	+10	W	3	51	75	6	8	-	-	9	9	2500	1	1	bcy	bcy	bcy	bcy			
11	St. Abbs Head	1006.4	+16	NW	2	bc/r	49	85	9	5	4	-	4-6	4-6	2500	1008.6	+4	NNW	4	52	65	9	8	5	-	4-6	7-8	2500	0	3	bcpr	prbc	cbcb	bc			
	Leuchars ...	1006.2	+10	NW	3	bc	57	55	9	2	6	-	4-6	4-6	2500	1009.1	+18	NW	4	52	85	9	2	6	-	2-3	4-6	2500	0	*	cbey	bcprbc	cbcb	bc			
12	Renfrew (Abbots L.)	1007.7	+16	NW	5	bc	57	55	9	2	6	-	4-6	4-6	2500	1010.6	+16	NW	4	52	65	9	7	4	6	1	4-6	2500	0	*	bcpr	bcprbc	cbcb	bc			
	Eskdalemuir ...	1007.4	+8	NNW	3	pr	51	65	8	8	-	-	4-6	4-6	2500	1010.0	+20	NNW	4	47	85	8	9	-	-	9	9	1500	1	*	bcpr	bcprbc	cbcb	bc			
	Point of Ayre ...	1009.7	+8	NW	5	bc	58	75	8	2	4	-	2-3	2-3	2500	1011.3	+10	NW	6	54	75	8	2	4	-	1	2-3	2500	0	4	bc	bc	bc	bc			
13A	Tiree ...	1011.1	+18	NW	5	c	51	75	8	8	-	-	7-8	7-8	1800	1013.4	+12	N	5	51	85	8	8	-	-	4-6	4-6	1500	0	4	bc	prbc	cbcb	cbcb			
13B	Stormoway ...	1009.9	+22	NW	3	c/pr	45	85	7	8	7	-	7-8	7-8	1000	1013.4	+12	N	5	51	85	8	8	-	-	4-6	4-6	1500	0	4	bc	prbc	cbcb	cbcb			
15	Dalwhinnie ...	1007.6	+16	NW	2	c	45	75	7	8	4	-	4-6	7-8	1500	1009.8	+18	NW	3	45	85	7	2	4	-	4-6	7-8	1500	1	*	cir	cir	cbcb	cbcb			
	Aberdeen ...	1005.9	+12	NW	5	c/pr	52	65	8	3	8	-	7-8	7-8	2500	1008.9	+20	NNW	3	47	75	8	3	-	-	7-8	7-8	2500	0	2	bcpr	bcpr	cbcb	cbcb			
	Wick ...	1004.5	+14	NW	5	pr	47	85	8	7	8	-	4-6	7-8	1500	1007.8	+16	NNW	5	46	85	7	5	7	8	7-8	9	1500	1	2	bcpr	bcpr	cbcb	cbcb			
16	Lerwick...	998.9	+20	NW	6	c/pr	48	92	6	8	2	-	7-8	10	800	1003.3	+16	NNW	6	47	85	7	8	7	-	7-8	9	1500	1	2	bcpr	bcpr	cbcb	cbcb			
17	Blackrod Point...	1015.2	+10	NNW	4	bc	55	65	8	3	-	-	4-6	4-6	2500	1017.5	+14	N	4	55	65	8	3	-	-	4-6	4-6	2500	0	3	bc	prbc	cbcb	bc			
18	Malin Head ...	1011.8	+14	N	4	c	53	75	8	2	-	-	4-6	4-6	5700	1014.7	+18	N	5	51	65	8	8	-	-	4-6	4-6	5700	0	4	bcprbc	bcprbc	cbcb	cbcb			
	Aldergrove ...	1010.8	+8	NW	4	pr	53	75	8	3	-	-	7-8	7-8	3000	1013.8	+20	NW	4	51	65	8	8	-	1	4-6	7-8	2000	1	*	prbc	prbc	cbcb				



Abridged observations of additional stations in the AVIATION WEATHER CODE																			
13h. G.M.T. 8th Sept.....18h. G.M.T.								01h. G.M.T. 9th Sept.....07h. G.M.T.											
III	C <sub>M</sub>	ww	VhN <sub>h</sub>	DDFWN	C <sub>L</sub>	C <sub>M</sub>	ww	VhN <sub>h</sub>	DDFWN	C <sub>L</sub>	C <sub>M</sub>	ww	VhN <sub>h</sub>	DDFWN	C <sub>L</sub>	C <sub>M</sub>	ww	VhN <sub>h</sub>	DDFWN
109	87	81745	63688	5-	81638	62688	5-	25743	27483										
115	87	81844	28686				87	81844	30586	52	02844	26586							
203																			
206					83	01854	28384	5-	01853	00013	57	02853	22228						
210	86	02857	26527	87	02844	28587	5-	00852	28402										
220	83	02853	30417																
230																			
245	83	25964	65584	84	01953	31485	50	00863	26223	20	01961	24115							
260	30	02855	26215	34	01954	32215	00	00990	00000	09	05690	00016							
277	26	10955	26686	25	02953	29585	50	00862	31312	57	02963	24113							
279	--	01864	28414		02758	28485													
285										50	01853	28203							
288	20	01865	24415	3-	31656	32286	5-	05657	26217	00	00790	18111							
273										23	10669	15265							
301	96	02845	30485	86	01864	30384	40	01764	30384	30	01654	04114							
321	87	02764	24424	26	01761	27213	07	05690	30212	57	05665	30385							
299				80	01753	29313	50	01753	32403	87	62645	28465							
292	86	88955	22286	36	10954	28285	50	05664	00014	80	00962	28112							
310										--	01644	32414							
316	86	01865	28385	46	02764	29315	5-	00552	30312	53	08473	32214							
333	26	02966	28427	36	01963	30413	20	01744	01744	84	01954	32415							
334																			
340	86	02955	28386	80	01964	28214				80	05653	31283							
136	86	01864	26385	44	01763	30214	90	07774	04114	86	01854	32295							
336																			
350	87	25845	29286	73	01853	28214	50	05654	28224	83	05645	30288							
368	20	01853	23315				50	00851	30101	80	01863	24103							
379				40	01864	28214	00	05690	28400	10	05651	30301							
390	87	02763	24327	27	02864	28325													
382	27	01854	59424	84	01864	30415	50	01763	29212	84	05654	30304							
438	8-	03858	25328							57	01644	32414							
430				73	01763	20214	50	05661	02401	53	05662	32513							
409	8-	25857	32487	13	02945	30586	8-	25734	30484	84	01854	31484							

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<sub>h</sub>

=

Height and amount of low cloud—See M.O. 252.

N

=

Total amount of cloud—See M.O. 252.

C, C<sub>M</sub>

=

Form of low and medium cloud—See page 1.

V

=

Visibility.

F

=

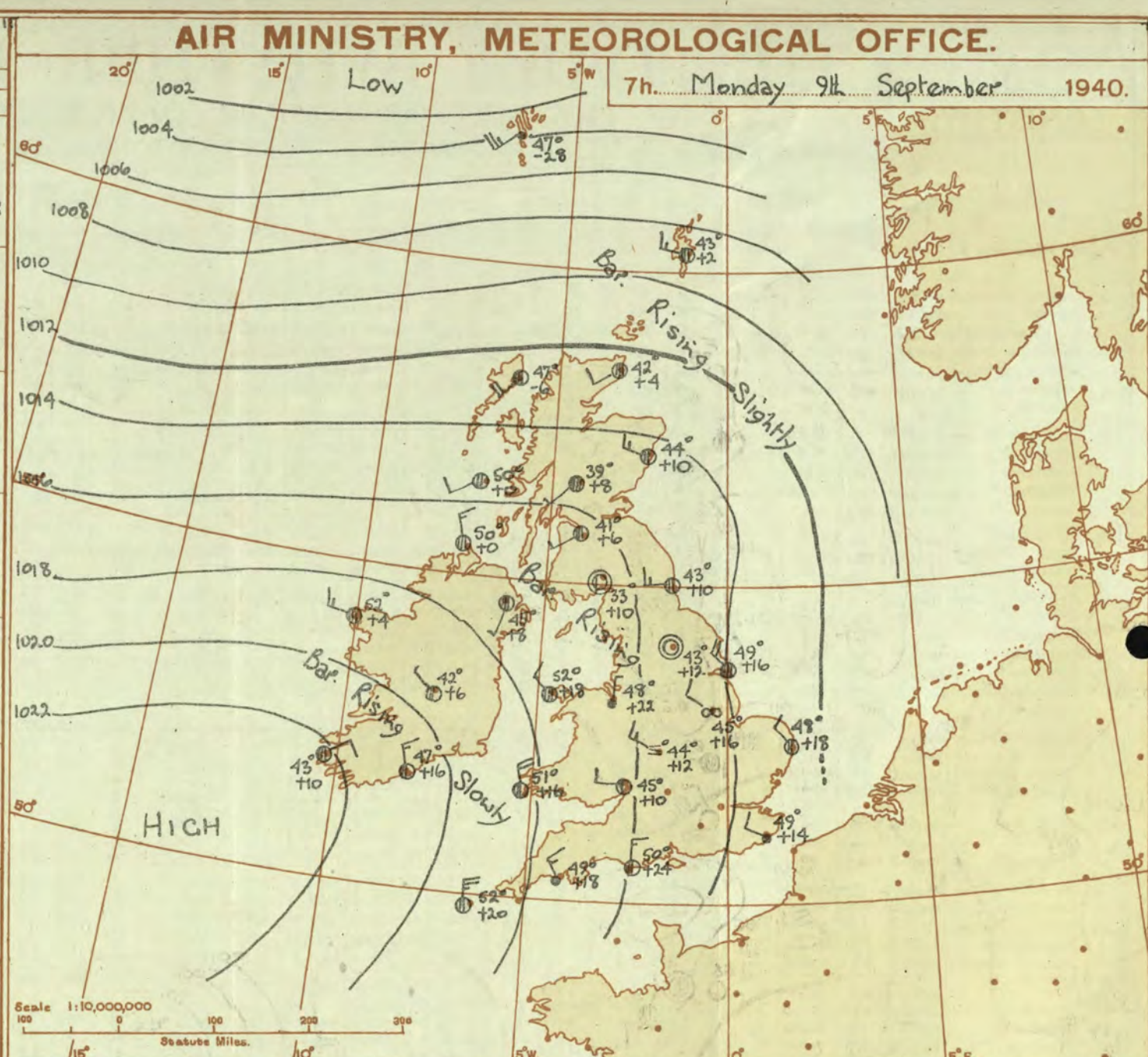
Force of wind—See page 4.

DD

=

Direction of wind (S = E. 16 = S. 24 = W. 32 = N).

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, C<sub>M</sub> = Form of low and medium cloud—See page 1.  
 V = Visibility. F = Force of wind—See page 4.  
 DD = Direction of wind (S = E, 16 = S, 24 = W, 32 = N).



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th September 1940
1 S.E. England	Moderate N or NW wind, backing SW; local showers at first, becoming fine this evening, a period of rain early tomorrow; cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind between W and SW, moderate or fresh; fair at first, rain during night, bright intervals and showers tomorrow; rather cool.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	Fresh or strong SW wind veering W; rain at first, showers and bright intervals later; rather cool.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	As 7-12
20 S. W. Ireland	

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

**GENERAL INFERENCE.**

A feeble wedge of high pressure will move SE over England. A depression over Northern Iceland is moving ESE. An associated trough will cross the British Isles tonight and early tomorrow with a period of rain. There will be a fair interval in southern and central England later today, and in the first part of the night.

**FURTHER OUTLOOK.**

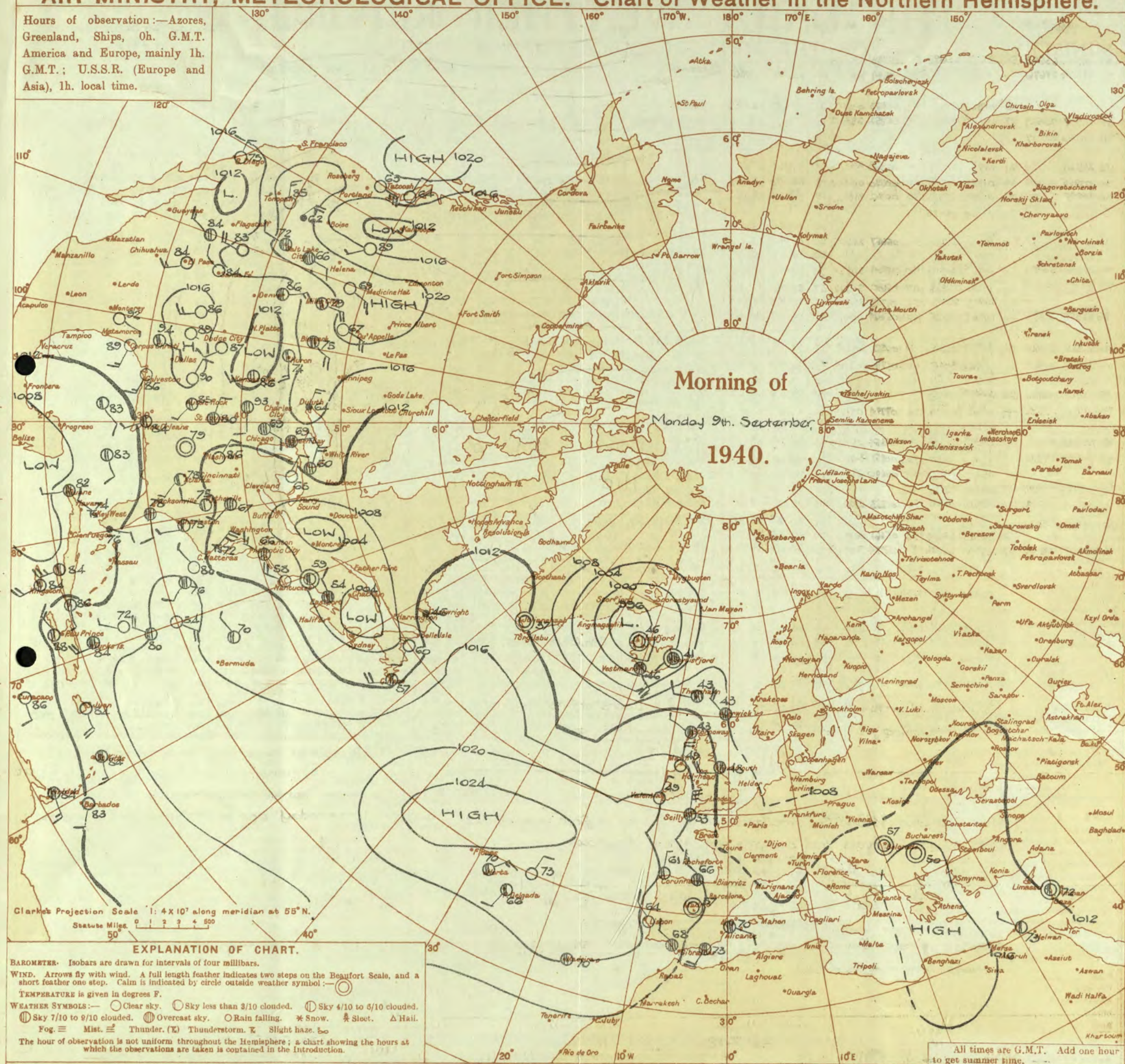
Unsettled and cool.

Forecasts issued at 10.30 A.M.T. N. K. JOHNSON, D.Sc., A.R.C.S., Director.  
 H.M.S.O. Press, Cornwall House, S.E.1.



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

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





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 9th September 1940  
No. 28781

OBSERVATIONS at 1 hr. G.M.T. 9th September															OBSERVATIONS at 7 hr. G.M.T. 9th September															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)	0-9 Visibility. (8)	Cloud.			Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	0-9 Visibility. (22)	Cloud.			State of Ground. (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.			SUNSHINE Hrs. (36)						
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)			Direc. (17)	Force. (18)					Form. (23)	Amount. (24)	Height of Base. (feet) (25)			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. (12)		Med. (13)	High (14)	Low (26)	Med. (27)	High (28)	
1	London (Kew) ... 217	18	*	*	*	*	*	*	*	*	*	*	1014.4	+2.6	NW	2	z	48	85	6	8	-	-	34	34	1500	1	*	67	47	33	-	1	2.9					
	Croydon ... 217	18	*	*	*	*	*	*	*	*	*	*	1014.9	+2.4	NW/N	1	z	44	82	6	5	-	-	1	1	1500	1	*	68	43	33	0.4	0.1	3.4					
	S. Farnborough ... 417	1011.7	+10	NW/N	3	bc	46	85	7	5	-	-	1016.0	+2.6	NW/N	2	b	44	85	6	5	-	-	1	1	4000	1	*	66	41	38	-	0.2	3.2					
	Boscombe Down ... 8	1011.5	+8	NW	5	bc	52	73	7	5	-	-	1014.4	+2.0	NW/N	4	z	48	85	6	2	3	-	Tr	Tr	2500	1	2	67	47	46	0.1	1	2.7					
	Calshot (Stbmtn.) ... 346	1011.5	+8	NW	5	bc	52	73	7	5	-	-	1012.8	+1.4	NW	2	ir	43	85	6	5	2	-	10	10	1800	1	5	67	48	47	3	2	2.1					
	Lympne ... 154	1011.5	+8	NW	5	bc	52	73	7	5	-	-	1012.8	+1.4	NW	2	ir	43	85	6	5	2	-	10	10	1800	1	5	67	48	47	3	2	2.1					
	Manston ... 154	1011.5	+8	NW	5	bc	52	73	7	5	-	-	1012.8	+1.4	NW	2	ir	43	85	6	5	2	-	10	10	1800	1	5	67	48	47	3	2	2.1					
2	Shoeburyness ... 11	1009.7	+6	NNE	3	bl	52	75	7	5	-	-	1013.3	+2	N	3	c	51	85	7	5	3	-	4.6	9	5700	0	*	67	46	40	-	Tr	1.8					
	Felixstowe ... 15	1009.7	+6	NNE	3	bl	52	75	7	5	-	-	1013.3	+2	N	3	c	51	85	7	5	3	-	4.6	9	5700	0	*	67	46	40	-	Tr	1.8					
	Gorleston ... 5	1010.4	+4	NEN	3	bl	57	65	7	4	-	-	1013.7	+2.0	N	3	c	50	75	7	8	6	-	4.6	7.8	2500	0	1	65	48	46	Tr	Tr	2.7					
	Mildenhall ... 19	1010.7	+10	NW/N	2	bc	44	85	7	5	3	-	1014.0	+2.2	NNW	2	bc	43	92	7	8	-	-	2.3	2.3	3500	0	2	63	48	44	Tr	Tr	5.4					
	Cranwell ... 240	1012.2	+4	NNW	2	z	48	85	6	-	-	-	1015.2	+6	NW	2	z	45	92	6	5	3	-	4.6	4.6	2500	0	*	69	42	40	-	-	5.9					
3	Birmingham ... 535	1012.0	+0	NNW	2	b	46	85	7	5	-	-	1015.5	+1.2	NW	3	m	44	92	4	5	-	-	Tr	Tr	4000	0	*	62	43	37	Tr	-	5.6					
	Upper Heyford ... 408	1012.0	+0	NNW	2	b	46	85	7	5	-	-	1015.5	+1.2	NW	2	z	43	92	6	8	-	-	Tr	Tr	2800	1	*	67	41	37	-	-	*					
	Ross-on-Wye ... 223	1012.0	+0	NNW	2	b	46	85	7	5	-	-	1016.2	+1.0	NW	2	b	45	85	8	5	-	-	1	1	4000	0	*	64	42	33	Tr	-	6.2					
5	Hartland Point ... 299	1014.6	+8	N	4	bc	52	75	8	3	-	-	1017.7	+2.0	NNW	5	c	52	65	8	8	-	-	7.8	7.8	1800	0	3	61	49	47	Tr	0.6	8.8					
	Bristol ... 209	1014.5	+10	NW	2	b	45	85	7	5	-	-	1016.8	+2.2	NNW	3	bc	46	85	8	5	-	-	2.3	2.3	4000	0	3	66	43	35	0.3	-	7.4					
	Portland Bill ... 32	1012.8	+18	NW	3	bc	54	85	8	4	-	-	1016.6	+2.4	N	3	bc	50	92	8	5	-	-	4.6	4.6	4000	0	3	64	49	*	-	-	*					
	Plymouth ... 82	1015.0	+12	NW	4	bc	50	75	8	4	-	-	1017.6	+1.8	NNW/N	3	pr	49	85	8	2	-	-	4.6	4.6	2000	0	1	65	47	40	1	Tr	3.5					
	The Lizard ... 240	1016.2	+12	N	3	bc	47	85	8	4	-	-	1018.2	+1.0	NNW	3	bc	48	85	8	2	-	-	4.6	4.6	2500	0	2	65	45	*	0.5	5.1						
	Scilly (St. Mary's) ... 163	1016.6	+12	N	5	bc	53	75	8	8	-	-	1019.6	+2.0	N	5	bc	52	65	8	8	6	-	2.3	4.6	1800	1	2	63	45	*	1	6.7						
	Guernsey ... 175	1016.6	+12	N	5	bc	53	75	8	8	-	-	1019.6	+2.0	N	5	bc	52	65	8	8	6	-	2.3	4.6	1800	1	2	63	45	*	1	6.7						
6	Pembroke ... 142	1013.4	+18	N	5	bc	51	85	8	8	-	-	1018.4	+1.6	NNW	4	bc	51	65	8	2	7	-	4.6	4.6	2500	1	2	61	49	*	Tr	0.4	8.4					
7	Holyhead ... 26	1015.4	+14	NW	4	pr	50	85	8	9	-	-	1017.5	+1.8	NW	2	c	52	75	8	8	3	9	7.8	7.8	2500	1	4	57	48	46	0.3	2	6.6					
	Chester (Sealand) ... 16	1013.3	+8	-	0	bc	47	85	7	2	-	-	1016.4	+2.2	N/E	1	pr	48	92	7	9	-	-	3+	3+	1500	1	*	58	45	36	8	4	2.3					
8	Manchester ... 70	1013.3	+14	NNW	2	z	48	85	6	5	-	-	1016.0	+1.4	SW/W	1	z	42	92	6	8	-	-	4.6	4.6	3500	1	*	61	33	33	Tr	-	7.6					
10	Spurn Head ... 29	1011.3	+4	-	0	pr	51	85	7	8	-	-	1014.3	+1.6	NW	4	c	49	85	7	8	4	9	2.3	7.8	2500	1	3	64	46	*	-	2	8.2					
	Catterick ... 175	1013.5	+26	NW	2	c	47	85	7	5	-	-	1015.7	+1.2	-	0	b	43	75	8	5	-	-	Tr	Tr	5000	0	*	62	43	35	-	-	9.3					
	Tynemouth ... 108	1013.3	+12	W	4	bc	48	75	7	2	-	-	1015.0	+1.0	W	3	bc	43	75	7	2	-	-	1	2.3	4.6	3200	0	1	53	41	38	2	1	*				
11	St. Abbs Head ... 280	1012.7	+16	NNW	2	bc	46	75	8	1	4	-	1014.9	+1.0	NNW	3	bc	44	75	9	2	4	3	2.3	4.6	2500	0	2	55	43	*	0.3	-	*					
	Leuchars ... 36	1012.9	+14	NNW	3	b	43	75	7	1	-	-	1015.1	+1.0	WSW	1	c	40	85	9	5	7	6	1	7.8	2500	0	*	59	37	29	Tr	-	10.1					
12	Renfrew (Abbots I.) ... 19	1014.7	+10	SW	2	b	41	85	8	5	-	-	1016.1	+1.6	SW/W	1	c	41	85	8	-	-	7	6	0	9+	0	*	58	36	30	-	-	10.3					
	Esksdalemuir ... 794	1014.3	+8	NE	6	b	50	85	8	4	-	-	1016.8	+1.0	-	0	b	33	85	8	-	-	2	0	Tr	-	3	56	28	22	0.2	1	7.1						
	Point of Ayre ... 30	1014.3	+8	NE	6	b	50	85	8	4	-	-	1016.8	+1.0	N	4	bc	51	75	8	2	4	5	Tr	2.3	4000	0	3	59	48	*	-	-	8.4					
13A	Tiree ... 22	1014.8	+4	NNW	1	c	43	85	7	8	-	-	1014.3	0	WSW	2	bc	50	75	8	8	3	-	4.6	4.6	2500	0	2	54	43	*	1	-	8.3					
13B	Stornoway ... 80	1014.8	+4	NNW	1	c	43	85	7	8	-	-	1013.1	-6	SW	4	pr	47	75	8	5	7	-	2.3	10	1500	1	2	49	41	*	0.6	3.2						
15	Dalwhinnie ... 1176	*	*	*	*	*	*	*	*	*	*	*	1015.0	+8	SW	1	c	39	85	8	1	1	-	1	0	2500	0	*	49	34	30	3	Tr	3.6					
	Aberdeen ... 79	*	*	*	*	*	*	*	*	*	*	*	1014.4	+10	NNW	3	bc	44	75	8	5	9	-	1	4.6	4000	0	1	53	41	37	Tr	-	9.7					
	Wick ... 81	1011.5	+14	NNW	4	pr	44	85	7	5	7	-	1012.1	+4	SW	2	c	42	85	8	5	3	1	4.6	9	2500	0	2	50	40	*	2	1	*					
16	Lerwick ... 156	1008.2	+12	NNW	4	c	43	85	7	8	7	-	1009.3	+2	NNW	3	pr	43	85	8	8	7	-	7.8	3+	1500	1	*	51	41	*	2	0.2	0.3					
17	Blacksod Point ... 18	1013.4	0	NW	2	c	51	75	8	5	-	-	1019.5	+4	WN	3	c	52	65	8	3	5	-	2.3	7.8	4000	0	2	56	47	*	0.4	-	*					
18	Malin Head ... 84	1016.6	+10	NNW	2	bc	45	85	8	5	-	-	1016.3	0	NNW	3	c	50	75	8	8	-	-	7.8	7.8	5700	0	3	57	45	*	1	-	6.9					
	Aldergrove ... 268	1016.6	+10	NNW	2	bc	45	85	8	5	-	-	1017.7	+8	SSW	1	c	45	97	9	5	3	1	4.6	7.8	500	1	*	56	44	40	1	0.2	5.5					
19	Birr Castle ... 173	1013.7	+6	N	1	b	42	92	8	-	-	-	1020.3	+6	NW	1	bc	42	92	-	3	-	-	2.3	-	1	*	58	36	32	0.2	0.1	6.8						
20	Valentia Obay. ... 30	1021.1	+10	NNE	1	b	43	85	9	8	-	-	1022.5	+10	NEE	2	pr	43	97	9	8	-	-	9	9	2500	1	2	58	41	37	3	0.3	8.5					
	Roches Point ... 22	1015.5	+14	N	4	b	50	85	8	-	-	-	1021.6	+16	NNW	3	bc	47	85	8	-	4	5	0	4.6	-	0	1	59	47	*	0.2	-	*					
LONDON OBSERVATIONS.																																							
Day 7h-18h, Kew & Croydon.																																							
9h-18h, Kensington.																																							
9h-21h, other stations except for rainfall which is 9h-18h.																																							
Height above M.S.L. in feet.																																							
Weather.																																							
Temperature.																																							
Rainfall.																																							
Sunshine.																																							
Humidity.																																							
Atmospheric Pollution.																																							
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.																																							
COLUMNS 8, 22—Code for surface visibility.																																							
Objects not visible at																																							
0 Dense fog 55 yards.																																							
1 Thick fog 220 "																																							
2 Fog 550 "																																							
3 Moderate fog 1,100 "																																							
4 Mist or haze 1 1/2 miles.																																							
5 Poor visibility 2 1/2 "																																							
6 Moderate " 6 1/2 "																																							
7 Good " 12 1/2 "																																							
8 Very good " 31 "																																							
9 Excellent " beyond 31m.																																							
COLUMNS 30—Code for State of Sea.																																							
0 Calm. 5 Very rough.																																							
1 Smooth. 6 High.																																							
2 Slight. 7 Very high.																																							
3 Moderate. 8 Precipitous.																																							
4 Rough. 9 Confused.																																							



SECRET

Page 1.

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

BRITISH SECTION

Tuesday, 10 September 1940.  
No. 28,782

OBSERVATIONS at 13h. G.M.T. 2nd September														OBSERVATIONS at 18h. G.M.T. 2nd September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
DISTRICT.	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)	Humid. % (7)	Visibility. m. (8)	Cloud. (9) (10) (11) (12)				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. m. (22)	Cloud. (23) (24) (25) (26)				Barom. at M.S.L. (29)	Change in 3 hours. (30)	Wind. (31) (32)		Weather. (33)	Temp. °F. (34)	Humid. % (35)	Visibility. m. (36)	WEATHER. (37) (38) (39) (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				Form. Low. (10)	Med. (11)					High (12)	Amount. Low Total 0-10 0-10 (13) (14)	Form. Low. (23)	Med. (24)			High (25)	Amount. Low Total 0-10 0-10 (26) (27)					Form. Low. (31)	Med. (32)	High (33)	Amount. Low Total 0-10 0-10 (34) (35)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
																												Height of Base (feet) (14)	Height of Base (feet) (28)					State of Ground. (28)	Sea. (30)	7h.—13h. (37)	13h.—18h. (38)	18h.—to 1h.—10h. (39)	1h.—7h. (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1	London (Kew)...	1016.3	+10	WNW	2	c	60	55	7	8	-	7-8	7-8	2500	1018.3	+8	NNW	2	b	58	55	7	2	-	-	1	1	2500	0	*	cmwbscy	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey	bey</



Abridged observations of additional stations in the AVIATION WEATHER CODE												
13h. G.M.T. 10th September 18h. G.M.T.						01h. G.M.T. 07h. G.M.T.						
IIIC <sub>1</sub>	C <sub>1</sub>	wwVhN <sub>1</sub>	DDFWN <sub>1</sub>	C <sub>2</sub>	wwVhN <sub>2</sub>	DDFWN <sub>2</sub>	C <sub>3</sub>	wwVhN <sub>3</sub>	DDFWN <sub>3</sub>	C <sub>4</sub>	wwVhN <sub>4</sub>	DDFWN <sub>4</sub>
109	37	02855	20527	52	03854	16428	6-	54628	55658			
115	52	14844	58087	87	64735	53688	--	67209	24569	52	02744	24767
203												
206	37	02856	53326	52	61866	53408	5-	51855	22255	5-	10855	24254
210				57	61866	10408	5-	01854	23524	86	01844	22425
220	52	04745	24428	6-	66418	22468				83	01864	29515
230	854	01964	20425							8-	81847	27467
245	13	01962	20315	57	02865	53426	5-	03848	19368	54	02976	20327
280	10	01864	23315	57	02863	20317	5-	51748	20568			
277	87	02855	25427	57	02874	20327	52	02746	19468	5-	21757	26567
279												
285	70	01844	28414	70	01844	30414						
288	8-	02866	26316	70	01864	20214	62	61645	54568			
278	37	05763	26416									
301	10	01964	30314	58	02964	26315	02	62538	57568	62	58536	57568
321	80	05664	26124	00	05660	26213	5-	62658	22218	57	05667	21466
299	87	01753	28814				5-	05645	22315	5-	05647	22327
298	10	01964	26214	46	01863	22213	02	62650	16167	55	01744	20265
310	--	01745	26415	--	01663	26313					57109	24449
316	8-	05657	32127	43	05661	32113	5-	61548	22168			
338	14	01853	29324	43	01961	20314	62	64635	53468	52	61745	24568
334	--	01864	25414									
340	80	01964	29414	40	01853	29314	02	62748	20368	5-	02847	21467
136	26	02333	30387	40	01874	20414	03	05690	22114			
336	--	02834	04426								62743	20468
360	23	02856	30387	03	01960	26414	50	05664	20214	62	61633	18267
368	80	01964	30314	26	01963	28313	5-	02848	57328	83	22745	24467
379	80	05654	50314	40	00862	28212	5-	05665	24215	5-	61618	20368
390	8-	28765	32285	40	01761	28113						
382	8-	02767	30427	46	01763	30313	07	01790	00015	52	02856	20328
438	82	81744	05413							82	02844	22527
430	83	01763	32414							5-	63668	24168
409	8-	01955	32585	83	02946	26526	81	02855	24326	57	05746	22467

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, Nh

= Height and amount of low cloud—See M.O. 252.

T

= Total amount of cloud—See M.O. 252.

F

= Form of low and medium cloud—See page 1.

C, Cm

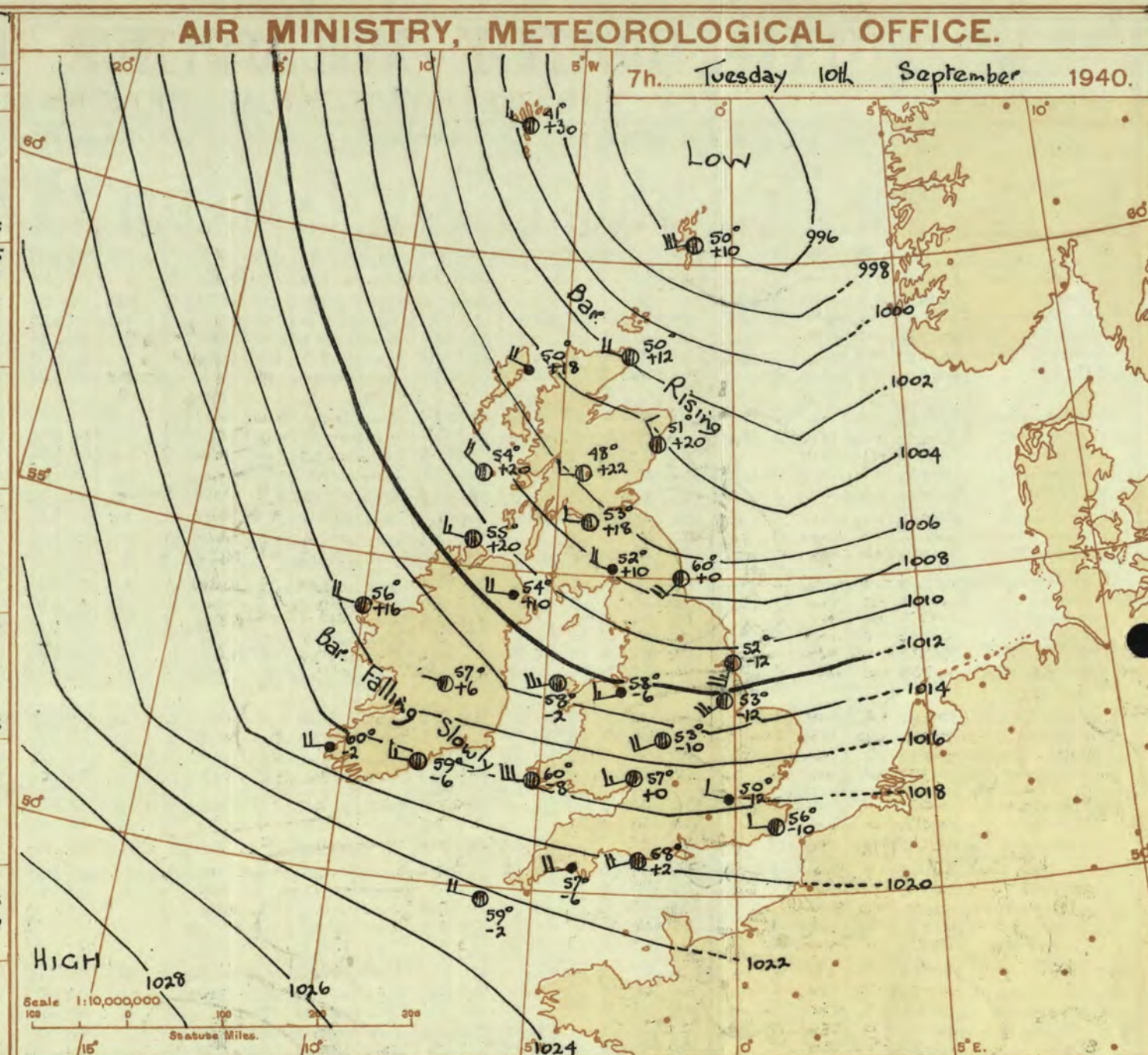
= Visibility. F = Force of wind—See page 4.

DD

= Direction of wind (S = E, 16 = S, 24 = W, 32 = N).

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C<sub>1</sub>, C<sub>2</sub> = 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. Tuesday 10th September
1 S.E. England	Moderate or fresh northwest wind, squally at times; occasional showers, bright intervals; rather cool today; very cool tomorrow
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Fresh or strong northwest wind, or gale in squalls; showers of rain and hail with snow on hills; cold.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 0-12
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 0-12
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	



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

#### GENERAL INFERENCE.

A depression north of the Shetlands is moving southeast. A current of Arctic air which is giving abnormally low temperatures for the season over Iceland will spread over the British Isles. Pressure will again become high off our west and southwest coasts. Weather will be cool with showers in many districts but except in

#### FURTHER OUTLOOK

North Scotland only  
 rain are expected and  
 drought continues.

Small amounts of  
 the tendency for

Cool and mainly dry but local showers chiefly in North Scotland

Forecasts issued at 10.00 G.M.T.

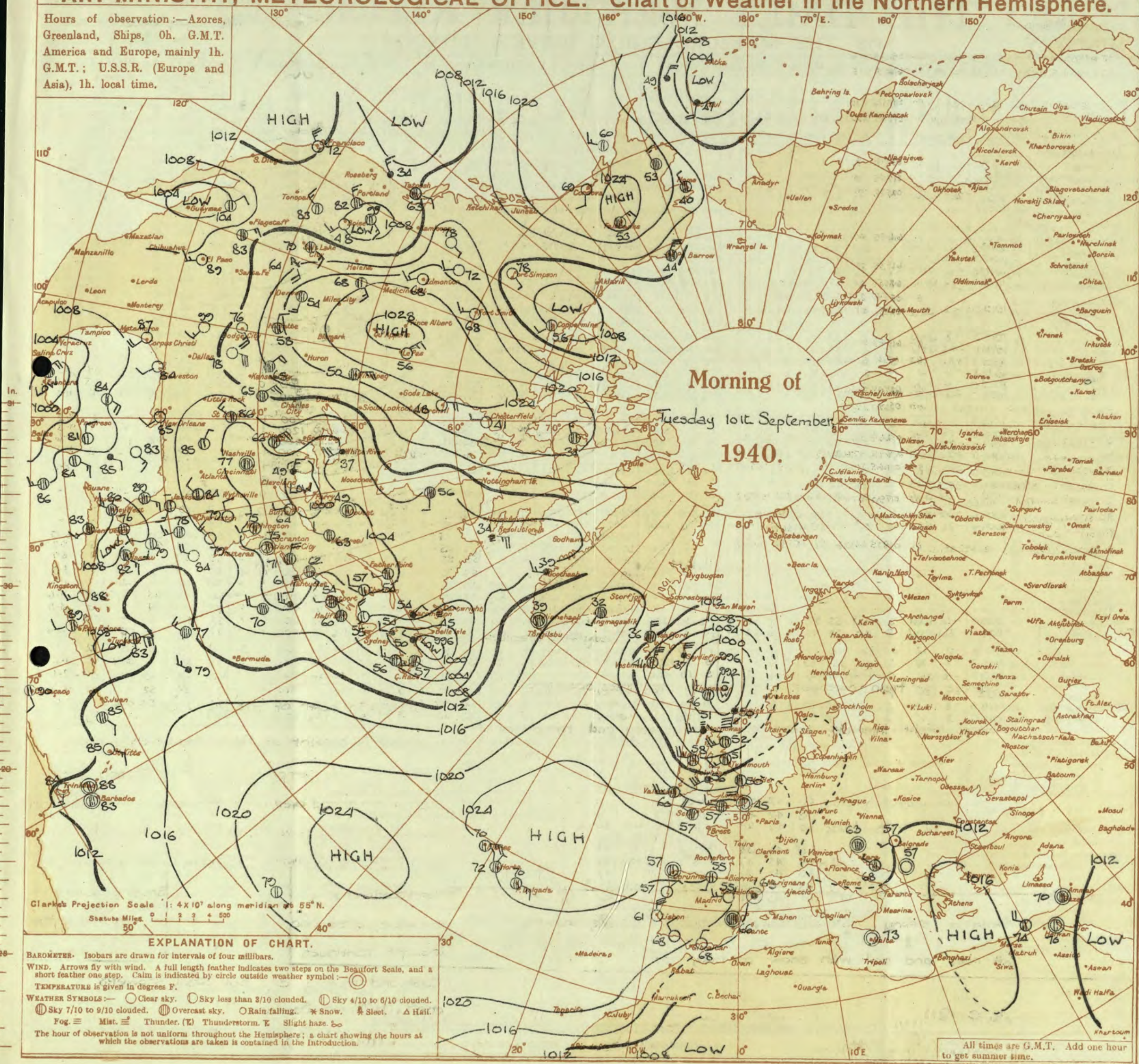
N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.

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



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

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



Clarke's Projection Scale 1:4X10<sup>7</sup> 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. (E) Thunderstorm. E Slight haze. &∞  
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 10th September														OBSERVATIONS at 7 hr. G.M.T. 10th September														PAST 24 HOURS.											
DISRICT.	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)	Visib. (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visib. (22)		Cloud.				Barom. at M.S.L. mb. (29)	Change in 3 hours. (30)	TEMPERATURE.		RAINFALL.		SUR- FACE WIND Dir. Hrs. (36)					
					Direc. (3)	Force. (4)					Form. (9)	Med. (10)	High (11)	Low 0-10 (12)			Total 0-10 (13)	Height of Base (feet) (14)				Direc. (17)	Force. (18)	Form. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. (29)	Sea. 0-9 (30)		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	*	*	*	*	*	*	*	*	*	*	*	1017.5	-10	WSW	3	d.d.	51	92	5	5	-	-	10	10	3500	1	*	60	47	29	-	0.6	3.9				
	Croydon ...	217	*	*	*	*	*	*	*	*	*	*	*	1017.9	-12	NNW	2	rofo	50	92	6	-	2	-	10	10	800	1	*	65	42	40	-	0.1	4.3				
	S. Farnborough ...	226	1020.1	+2	-	0	20	37	92	6	-	4	-	0	Tr	-	1018.0	-6	SW	3	rofo	52	92	7	5	2	-	7.8	10	2400	1	*	61	35	27	-	0.6	4.3	
	Boscombe Down ...	417	1020.0	-6	S	1	bc	43	85	7	5	-	-	4.6	4.6	3000	1018.1	-6	SWW	4	rofo	54	85	7	5	2	-	7.8	10	2500	1	*	60	42	32	-	0.2	8.8	
	Calshot (Stmnt.) ...	8	1020.1	+2	NNW	1	20	46	75	6	-	-	2	0	1	-	1018.5	-6	WS	3	rofo	56	85	6	1	2	-	Tr	10	3500	1	2	62	45	39	-	0.3	10.1	
	Lympe ...	346	1019.8	+2	-	0	20	48	87	6	5	-	-	4.6	4.6	3500	1018.8	-10	W	2	c	56	65	7	5	7	-	7.8	10	3500	0	3	63	40	31	-	-	3.9	
2	Shoeburyness ...	11	1018.2	-6	NNW	1	20	50	75	6	-	-	0	0	-	1017.6	-6	SWW	3	c	53	65	8	-	7	-	0	10	-	0	*	64	45	32	-	-	5.7		
	Felixstowe ...	15	1017.9	-4	WSW	2	bc	46	75	6	-	4	-	0	2-3	-	1016.8	-12	SWW	4	c	52	75	5	5	7	-	4.6	10	3000	0	3	61	46	38	-	Tr	4.3	
	Gorleston ...	5	1017.8	-6	SWS	3	20	44	75	6	5	-	-	2.3	2.3	4000	1015.4	-12	SWS	4	c	50	85	7	5	2	-	9	9+	2000	1	*	61	43	33	-	0.2	6.0	
	Mildenhall ...	19	1016.8	-12	WSW	3	20	49	75	6	5	7	-	4.6	9+	3000	1013.3	-12	SW	5	c	53	85	7	5	7	-	9	9+	2500	1	*	65	44	40	-	0.3	4.5	
	Cranwell ...	240	1016.8	-12	WSW	3	20	49	75	6	5	7	-	4.6	9+	3000	1013.3	-12	SW	5	c	53	85	7	5	7	-	9	9+	2500	1	*	65	44	40	-	0.3	4.5	
3	Birmingham ...	535	1019.0	-2	SSW	2	c	43	75	7	-	7	-	0	7-8	-	1014.1	-10	WSW	4	c	53	85	7	5	-	6	7-8	9+	2500	0	*	58	48	37	-	Tr	9.1	
	Upper Heyford ...	408	1019.0	-2	SSW	2	c	43	75	7	-	7	-	0	7-8	-	1016.7	-14	SWW	3	c	51	32	7	5	7	-	9	10	1500	1	*	60	42	30	-	Tr	*	
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.6	0	SWW	3	c	57	85	8	5	1	-	9+	10	1500	0	*	61	47	39	-	Tr	10.8		
	1015.6	0	SWW	3	c	57	85	8	5	1	-	9+	10	1500	0	*	61	47	39	-	Tr	10.8																	
5	Hartland Point ...	299	1019.3	-8	NNW	4	c	58	75	8	8	-	9+	9+	2000	1018.0	-2	NNW	4	c	53	92	8	8	4	-	7.8	9	1500	1	3	56	55	53	-	Tr	6.7		
	Bristol ...	209	1019.3	-14	SSW	2	c	52	75	7	5	7	-	4.6	9+	3000	1017.7	-2	SW	2	rofo	54	97	7	6	7	-	9	9+	4000	1	*	63	47	36	-	Tr	9.7	
	Portland Bill ...	32	1020.2	+8	W	3	c	57	85	8	5	-	10	10	2500	1019.2	+2	WSW	4	0	58	92	7	5	2	-	10	10	2500	0	4	63	52	-	-	-	*		
	Plymouth ...	82	1021.3	-6	W	4	c	56	85	8	5	-	7.8	7.8	1600	1019.9	-6	WS	4	id	57	92	6	6	7	-	9	9+	450	1	2	60	55	51	-	Tr	7.9		
	The Lizard ...	240	1022.0	-6	WN	5	c	57	85	7	8	-	7.8	7.8	1500	1020.5	-4	WN	4	c	57	92	8	8	2	-	9	9+	1500	0	3	62	54	-	Tr	0.5	11.4		
	Scilly (St. Mary's) ...	163	1022.5	-4	NNW	4	c	57	75	7	8	7	-	4.6	9+	1500	1000.8	-2	NNW	4	c	59	85	7	8	7	-	7.8	9+	1100	0	2	63	55	-	Tr	11.8		
6	Guernsey ...	175	1018.3	0	WS	6	rofo	56	92	7	8	2	-	7.8	10	1800	1016.7	-8	W	6	c	60	92	7	5	7	-	2.3	9+	700	1	3	60	55	-	Tr	7.2		
	Pembroke ...	142	1014.0	-18	SW	6	rofo	56	97	6	6	2	-	4.6	10	300	1012.5	-2	WSW	5	rofo	58	97	6	5	2	-	7.8	10	1200	1	3	59	54	51	-	Tr	9.5	
	Holyhead ...	26	1014.8	-22	S	1	rofo	53	85	6	5	2	-	9	10	1800	1012.6	-6	WSW	3	rofo	58	85	6	5	2	-	10	10	1900	1	*	57	49	42	-	Tr	9.6	
	Chester (Sealand) ...	16	1014.3	-22	SSW	3	rofo	50	92	6	5	2	-	4.6	10	2200	1011.1	-18	SW	3	RR	56	97	4	-	2	-	10	10	600	1	*	59	47	38	-	Tr	8.5	
7	Manchester ...	70	1014.3	-22	SSW	3	rofo	50	92	6	5	2	-	4.6	10	2200	1011.1	-18	SW	3	RR	56	97	4	-	2	-	10	10	600	1	*	59	47	38	-	Tr	8.5	
	1011.1	-18	SW	3	RR	56	97	4	-	2	-	9+	9+	2500	1011.2	-12	SSW	5	Cq	52	92	7	5	9	-	4.6	10	2500	1	3	59	49	-	-	-	*			
	1011.2	-12	SSW	5	Cq	52	92	7	5	9	-	9+	9+	2500	1011.2	-12	SSW	5	Cq	52	92	7	5	9	-	9+	9+	2500	1	3	59	49	-	-	-	*			
10	Spurn Head ...	29	1013.0	-10	SW	4	c	50	75	6	5	-	9+	9+	2500	1011.2	-12	SSW	5	Cq	52	92	7	5	9	-	4.6	10	2500	1	3	59	49	-	-	-	*		
	Catterick ...	175	1011.3	-30	SWS	2	ir	52	85	7	6	2	-	9	9	1200	1007.9	0	SW	4	c	60	85	7	8	-	9+	9+	2500	0	1	58	51	46	-	-	-	*	
	Tynemouth ...	108	1010.7	-24	SW	3	c	51	85	6	5	-	9	9	2500	1007.9	0	SW	4	c	60	85	7	8	-	9+	9+	2500	0	1	58	51	46	-	-	-	*		
11	St. Abbs Head ...	280	1005.6	-30	NNW	6	bcq	52	85	8	5	2	-	4.6	4.6	2000	1005.3	+8	NNW	5	bc	56	75	8	5	4	-	4.6	4.6	2200	0	3	57	49	-	-	-	*	
	Leuchars ...	36	1004.4	-28	SW	4	20	53	97	6	5	-	10	10	1200	1005.3	+8	NNW	5	bc	56	75	8	5	4	-	4.6	4.6	2200	0	3	57	49	-	-	-	*		
	1005.3	+8	NNW	5	bc	56	75	8	5	4	-	4.6	4.6	2200	1005.3	+8	NNW	5	bc	56	75	8	5	4	-	4.6	4.6	2200	0	3	57	49	-	-	-	*			
	1005.3	+8	NNW	5	bc	56	75	8	5	4	-	4.6	4.6	2200	1005.3	+8	NNW	5	bc	56	75	8	5	4	-	4.6	4.6	2200	0	3	57	49	-	-	-	*			
12	Renfrew (Abbots I.) ...	19	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.1	+18	W	2	rofo	53	85	8	5	7	-	7.8	9	2000	1	*	50	51	50	-	Tr	6.0		
	Eakdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1007.9	+10	NNW	4	rofo	52	85	7	6	-	-	10	10	800	1	*	56	48	47	-	Tr	8.2		
	Point of Ayre ...	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.5	+10	NNW	4	rofo	52	85	7	6	-	-	10	10	800	1	*	56	48	47	-	Tr	8.2		
	1010.5	+10	NNW	4	rofo	52	85	7	6	-	-	10	10	800	1	*	56																						



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 10th September, 1940.

No. 23723

OBSERVATIONS at 13h. G.M.T. 10th September														OBSERVATIONS at 18h. G.M.T. 10th September														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.					
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. Low 0-10 Total 0-10 (25) (26)					Height of Base. (feet) (27)	7h.-13h. 10h. (37)	13h.-18h. 14h. (38)	18h. to 1h. 11h. (39)	1h.-7h. 11h. (40)								
1	London (Kew)...	1015.4	-10	WSW	4	C	64	65	8	5	-	10	10	1500	1015.3	+6	W'N	3	C	65	65	7	8	3	-	4-6	7-8	2500	0	*	cidmnc	bbee d.	bcc	bcb bcm	
	Croydon ...	1015.8	-12	W'N	3	C	63	75	7	5	-	10	10	2200	1015.5	+2	WSW	2	C	64	75	7	8	4	-	7-8	9	2200	0	*	rgcz	cprc	cprab	cmabm	
	S. Farnborough	1015.8	-14	WSW	4	C	63	75	7	8	3	-	9	9	2500														*	c	cbe	bcb	bcb		
	Boscombe Down	1016.6	-8	WSW	4	C	63	75	7	5	7	-	9	10	2000	1016.4	+4	W'N	4	bc	63	75	7	8	3	-	4-6	4-6	2500	0	*	c	cbe	bcb	bcb
	Calshot (Soton.)	1017.0	-10	WSW	4	C	64	75	7	7	-	10	10	2000	1016.6	-2	W	3	bc	62	65	8	5	3	6	-	2-3	4-6	4000	0	2	crgmc	crgcbe	b, cbe	bmb
	Lympne ...	1017.1	-14	SW	2	C	60	85	7	5	-	10	10	1800	1016.1	-4	W	2	bc	60	92	7	-	3	-	0	4-6	-	1	*	crgmc	crgcbe	befr bmo	bbebm	
	Manston ...			SW'S	3	C			8	5	-		9	9	2500			SW	3	Z <sub>0</sub>		92	7	6	5	-	4-6	4-6	4000		*				
2	Shoeburyness ...	1015.6	-12	SWW	4	C	63	75	6	5	-	10	10	1500	1014.9	-2	WSW	3	bc	64	75	8	5	7	-	7-8	7-8	1500	0	*	icgmc	emjg	cprbc	bebbe	
	Felixstowe ...	1014.2	-14	W'S	4	Z <sub>0</sub>	64	65	6	5	7	-	4-6	9	3000	1014.0	0	W'N	3	bc	63	75	8	8	-	9	9	3000	1	2	crgmc	cidePR	cprbc	bezobc	
	Gorleston	1013.6	-10	W'S	3	C	61	75	7	5	-	9	9	1700	1014.2	+14	W'N	4	bc	63	65	7	5	-	-	4-6	4-6	2000	0	2	cide	cide	bcc	cprbc	
	Mildenhall ...	1013.3	-10	WSW	4	C	65	65	8	5	2	-	9	10	2400	1014.5	+14	W'N	4	C	62	65	8	5	3	-	7-8	7-8	4000	0	*	crgc	cbe	bcc	bcmobc
	Cranwell ...	1013.0	+2	WNW	5	C	66	55	8	5	-	9	9	2000	1015.0	+18	WNW	4	bc	59	55	7	5	-	-	4-6	4-6	2500	0	*	cbe	cbe	bcc	bcc	
3	Birmingham	1014.2	0	WNW	4	bc	65	55	8	7	4	1	4-6	4-6	2500	1017.0	+14	WNW	4	Z <sub>0</sub>	57	55	6	5	-	-	7-8	7-8	4000	0	*	cprbc	bc	cb	bbe
4	Upper Heyford	1015.0	-8	W	4	C	65	65	8	5	3	-	9	9	1500	1015.5	+8	W	4	bc	63	45	8	4	6	-	2-3	2-3	2800	0	*	crgc	bc	bcb	bbe
	Ross-on-Wye	1015.2	-4	WNW	4	C	65	65	8	8	4	-	7-8	9	2500	1017.3	+6	W	4	C	60	55	8	4	-	1	4-6	7-8	2500	0	*	C	bcy	cbcc	bbe
5	Hartland Point	1017.9	0	WNW	4	bc	60	92	6	6	2	-	7-8	9	1500	1018.2	+6	W	4	bc	60	85	8	2	4	-	2-3	4-6	1500	1	3	crgc	bc	bcb	bbe
	Bristol ...	1016.8	-4	W	4	C	61	92	8	6	2	-	9	10	1000	1017.1	+12	W	3	bc	61	65	9	8	6	-	2-3	2-3	3000	0	*	crgc	bc	bcb	bbe
	Portland Bill ...	1018.2	-12	SW	4	C	62	85	7	5	-	10	10	2500	1017.4	+10	W	3	C	61	92	7	5	-	-	4-6	10	2500	1	4	crgc	bc	bcb	bbe	
	Plymouth	1019.4	-4	W'N	4	pr	64	65	8	8	-	10	10	2000	1018.7	-2	WNW	3	bc	64	85	6	8	-	-	4-6	10	800	1	2	crgmc	crgcPR	cprbc	bcc	
	The Lizard	1020.8	0	W	4	C	64	85	8	8	2	-	7-8	9	1400	1020.0	-6	W	4	C	61	92	8	8	2	-	7-8	9	1500	0	3	bcc	bcc	bcc	bcc
	Scilly (St. Mary's)	1020.6	-12	W	4	C	65	75	7	8	7	-	7-8	9	1200	1020.0	0	W	4	C	62	92	7	8	6	-	7-8	9	1800	0	2	cbcc	cpc		bcc
6	Pembroke	1017.1	0	WNW	4	C	63	92	7	5	7	-	2-3	7-8	1000	1019.2	+10	WNW	3	C	59	75	8	8	6	1	4-6	7-8	1500	0	2	icgmc	C	cbcb	bcc
7	Holyhead	1013.4	+14	W'N	4	C	59	75	8	3	4	-	9	9	3500	1017.5	+10	WNW	4	C	59	75	8	8	3	6	7-8	9	4000	0	3	emjg	C	cbcb	bprc
	Chester (Sealand)	1014.7	+10	WNW	5	C	59	65	8	9	-	-	9	9	2200	1016.7	+10	WNW	4	C	58	65	8	5	7	-	9	9	3500	1	*	rgcz	cprc	cbcb	bprc
8	Manchester	1014.1	+14	WNW	5	C	59	65	8	7	-	-	9	9	2000	1016.3	+18	WNW	4	C	58	65	8	7	4	6	2-3	7-8	2500	0	*	emjg	cbcc	bcbzobw	bwmow
10	Spurn Head	1010.7	0	W'N	6	C	63	65	6	4	-	-	4-6	4-6	2500	1013.2	+10	W	5	C	59	65	6	4	-	4	7-8	9	2500	0	4	cq	cq	cprc	bcb
	Catterick	1011.3	+10	SSW	4	C	61	55	8	5	-	-	7-8	7-8	3500	1014.8	+20	WNW	1	bc	56	55	8	1	3	-	2-3	4-6	3500	0	4	bccy	cq	bcb	bcb
	Tynemouth	1009.9	+8	WN	4	bc	60	45	8	2	-	-	4-6	4-6	3500	1013.0	+20	WNW	5	bc	58	45	7	2	-	-	4-6	4-6	3400	0	1	cbe	bc	bcb	bcb
11	St. Abbs Head	1008.3	+12	WNW	4	bc	57	55	8	2	4	-	4-6	4-6	2000	1012.6	+26	W	6	C	54	75	9	8	4	-	4-6	7-8	2000	0	3	cbcy	bcg	bcb	bcb
	Leuchars	1008.4	+14	WNW	5	bc	61	45	8	2	-	-	4-6	4-6	4000	1014.1	+38	W	4	C	55	55	8	8	6	8	4-6	7-8	3500	1	*	bcy	prbcy	bcb	bcb
12	RAF Leuchars	1011.3	+18	W'N	5	C	57	55	8	7	-	-	7-8	7-8	3000	1015.8	+26	WNW	4	C	54	65	9	8	4	-	1	1	2500	0	*	cbcy	cbcc	bcb	bcb
	RAF Leuchars	1010.5	+10	W'N	5	bc	57	55	8	3	-	-	4-6	4-6	2500	1014.9	+18	W	4	bc	50	65	8	7	4	-	2-3	2-3	4000	1	*	rgcz	bcy	b	b
	Point of Ayre ...	1014.3	+12	W	6	C	62	75	8	8	4	-	4-6	7-8	2500	1017.5	+22	WNW	6	bc	56	75	8	4	-	4	2-3	4-6	4000	0	4	C	bc	b	b
13A	Tiree ...	1013.8	+20	W	5	bc	56	65	8	8	3	-	2-3	2-3	2500	1017.8	+28	W'N	5	bc	52	65	8	8	6	-	2-3	4-6	2500	0	4	prbc	bc	bc	bc
13B	Stornoway	1011.6	+20	W	6	C	50	65	8	8	-	-	7-8	7-8	1000	1017.4	+16	WNW	5	bc	47	65	8	8	7	-	7-8	9	1500	1	3	crgc	cprc	bc	cprc
15	Dalwhinnie	1010.5	+18	WNW	3	bc	51	65	7	2	-	-	4-6	4-6	2500	1015.6	+34	W	1	bc	43	75	8	2	-	-	4-6	4-6	1500	1	*	crgc	bc	bc	cprc
	Aberdeen	1007.4	+20	WNW	4	pr	57	55	8	7	-	-	7-8	7-8	4000	1013.6	+34	WNW	4	bc	47	65	8	3	-	9	2-3	2-3	2500	1	2	bccy	cprbc	bprc	bprc
	Wick ...	1006.0	+26	W	5	pr	49	85	8	7	8	7-8	9	1500	1011.7	+34	W	8	bc	46	65	8	8	7	-	4-6	7-8	1500	1	3	cprc	prc	prc	bprc	
16	Lerwick...	1001.6	+30	W	6	C	46	85	8	7	-	-	4-6	7-8	1500	1004.9	+14	WNW	7	bc	43	85	8	8	7	-	7-8	9	1500	1	*	crgc	cprc	cprc	cprc
17	Blacksod Point...	1019.6	+20	WNW	4	C	58	65	8	7	-	-	9	9	1500	1022.9	+16	W'N	3	C	56	65	8	-	7	-	0	9	-	0	4	C	C	bcc	C
18	Malin Head	1016.2	+26	WNW	5	C	56	65	8	9	-	-	4-6	7-8	5700	1019.5	+22	W'N	5	C	57	85	8	2	-	2	4-6	7-8	5700	0	4	crgc	cprc	C	C
	Aldergrove	1015.1	+18	WNW	4	C	61	55	8	5	-	-	7-8	7-8	3500	1018.7	+22	W	4	bc	54	55	8	5	-	2	2-3	4-6	3000	1	*	cidcy	pr	cprc	b
19	Birr Castle	1018.3	+10	W	2	C	62	65	8	8	1	-	7-8	9	1500	1021.1	+16	W	2	C	58	65	8	5	1	-	4-6	10	2500	0	*	C	cy	cb	bcc
20	Valentia Obey. †	1020.6	+12	WNW	4	C	60	75	8	5	-	-	10	10	2500	1022.8	+10	W	4	C	58	75													



Abridged observations of additional stations in the AVIATION WEATHER CODE												
13h. G.M.T. 12th. Sept. .... 18h. G.M.T.						01h. G.M.T. 11th. Sept. .... 07h. G.M.T.						
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN
109	8-	25847	27687	30	25844	59724	80	02845	58685	8-	02844	58584
115	52	82844	61785	52	82844	61885	52	82844	61885	52	82844	63685
203				86	01845	61525						
206	8-	82857	57487	8-	01853	25313				53	25863	00084
210	8-	82846	26786	86	01954	62614	5-	00852	28602	86	01944	26514
220				80	01964	29404				84	01864	28214
230							80	25853	32383			
245	80	01964	61614	40	28353	65483	50	00862	24402	70	01954	30514
280	10	00963	24403	8-	81853	30383	00	00850	00000	70	00861	26101
277	7-	01854	60634	86	10855	28587				87	01963	29314
279				--	00790	28510						
285	20	01845	24615	70	01854	28614				50	00851	32301
288	8-	02855	26525	43	01763	27414	5-	17655	28215	80	01753	28413
273										57	09663	02116
30183	25755	26556	53	01754	29315	50	00762	64412		86	05762	32313
32186	02764	52413	46	05662	37414	50	05663	28213	00	05630	27210	
299	8-	02757	26317	8-	01754	25314	50	01753	23513	80	00851	28401
292	8-	02957	22457	73	02864	29416	5-	01764	28314	50	00861	30101
310				--	01634	24314				--	01644	26314
31615	01743	26564	5-	05634	28314	50	05634	32214	50	05671	32211	
333	86	02966	28527				50	01864	32414	86	01564	04415
334	--	02856	26516	--	02864	30126				--	01861	28301
340	53	01854	28315	70	01953	30325	50	00863	20113	50	00761	30201
136				5-	02766	27566	50	05663	30423	24	01863	29363
336	--	61743	20568							--	01852	32412
350	52	02847	22528	84	01852	28413				50	05673	30213
368	52	51625	24558	57	01873	28453	50	01764	30224	24	00851	32102
379	52	02745	20423				04	05630	30311	10	05652	32302
390	5-	05646	22326							5-	05556	28216
382	5-	25748	23528				54	01761	27202	50	02675	30413
438	5-	02747	26527									
430				53	02743	24384	5-	05674	28224	00	00790	30310
409	57	05754	29527	53	22633	30367	5-	01754	31114	5-	02846	32427

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<sub>h</sub>

=

Height and amount of low cloud—See M.O. 252.

N

=

Total amount of cloud—See M.O. 252.

C<sub>M</sub>

=

Form of low and medium cloud—See page 1.

V

=

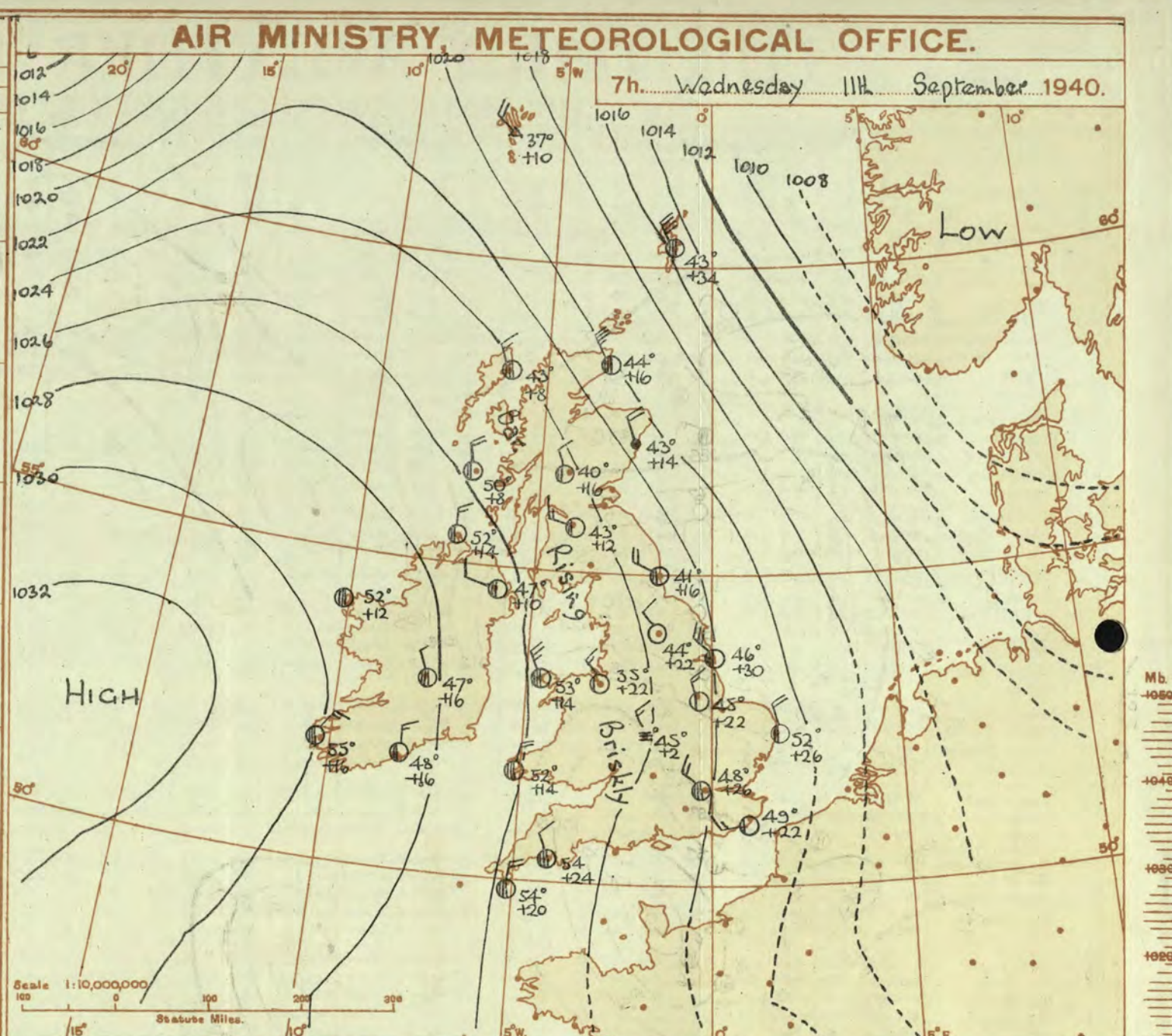
Visibility. F = Force of wind—See page 4.

DD

=

Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, C<sub>M</sub> = 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. Wednesday 11th September.
1 S.E. England	Moderate N.W. wind decreasing and backing west; fair apart from local showers near the East Coast; cool; ground frost at night.
2 E. England	
3 E. Midlands	
4 W. Midlands	Light or moderate N.W. wind, backing west; fair; cool; ground frost at night.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	Light or moderate N.W. wind, backing S.W. tomorrow, fresh locally; fair at first; occasional rain tomorrow morning; cool; ground frost locally at night.
9 N. Midlands	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W. Scot- land.	Moderate or fresh N.W. wind decreasing and backing; freshening from S.W. during night and becoming strong locally; bright intervals and local showers at first; rain later; cool.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 7-12.
19 S. E. Ireland	
20 S. W. Ireland	

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

**GENERAL INFERENCE.**

An anticyclone persists N.E. of the Azores, and a cold anticyclone off West Ireland is moving S.E. Weather will be fair today apart from local showers, chiefly near northern and eastern coasts, but rain will reach northern districts during the night and extend S.E.

**FURTHER OUTLOOK.**

Showers in the North; mainly dry in the South.

Forecasts issued at 1030h G.M.T.

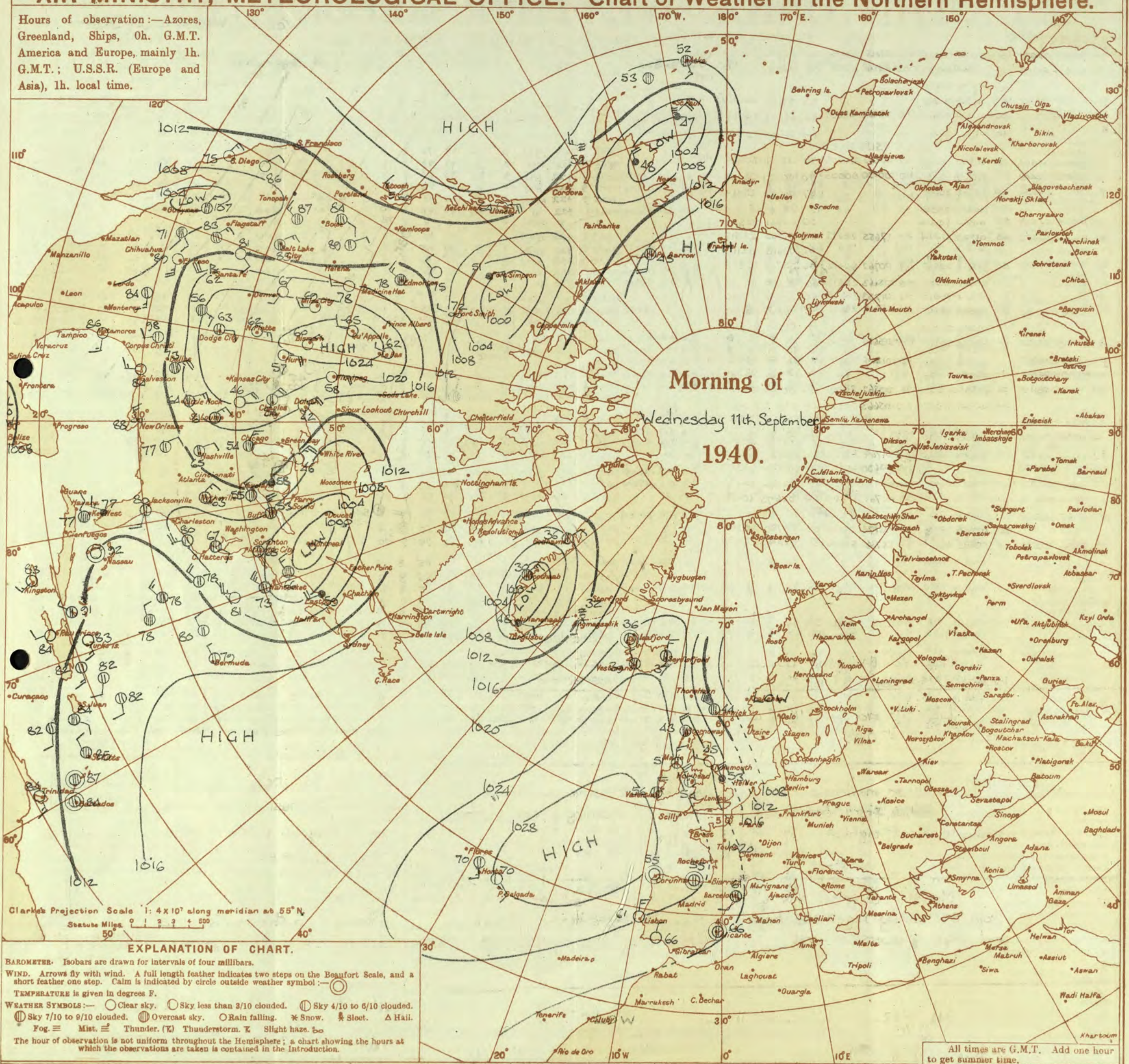
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Wednesday 11th September 1940.  
 No. 28783.

OBSERVATIONS at 1 hr. G.M.T. 11th September																	OBSERVATIONS at 7 hr. G.M.T. 11th September																	PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			State of ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		Sun-shine 10th. Hrs. (36)											
					Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)			Low 0-10 (12)	Total 0-10 (13)					Height of Base (feet) (14)	Direc. (17)	Force. 0-12 (18)			Low (23)	Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)		Height of Base (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)					
1	London (Kew) ... 217	18	*	*	*	*	*	*	*	*	*	*	1022.7	+2.6	N'W	2	20	49	75	6	8	-	-	2-3	2-3	2500	0	*	66	46	39	-	-	0.3									
	Croydon ... 228	1020.1	+1.4	NW	2	b	52	65	7	5	-	-	1	1	4000	1023.3	+2.2	NW	2	48	85	7	7	-	-	1-6	4-6	3000	0	*	65	46	44	0.4	-	1.0							
	S. Farnborough ... 417	1020.7	+1.6	NNW	2	c	51	75	7	5	-	-	7-8	7-8	2500	1023.3	+2.2	NW	2	48	85	7	-	-	0	0	-	0	*	66	43	39	1	-	1.7								
	Boscombe Down ... 8	1019.8	+1.4	NNW	3	20	53	75	6	-	-	-	1	0	1	1022.9	+2.2	NNW	5	51	75	7	-	-	0	0	-	0	2	67	49	46	1	-	2.5								
	Calshot (Stmntn.) ... 346	1018.1	+4	W	3	20	49	75	6	5	-	-	Tr	Tr	3000	1021.1	+2.2	W	3	49	85	6	8	-	-	1	1	3500	0	65	46	41	1	1	0.4								
	Lympne ... 154	*	*	*	*	*	*	*	*	*	*	*	*	*	*	NNW	4	bc	*	*	8	2	-	*	4-6	4-6	3000	0	*	*	*	*	*	*									
2	Shoeburyness ... 11	11	*	*	*	*	*	*	*	*	*	*	1021.5	+2.6	NNW	3	bc	48	85	7	5	3	-	1	4-6	1000	0	*	67	45	39	-	Tr	0.6									
	Felixstowe ... 15	1017.3	+6	NW	4	20	53	75	6	5	-	-	2-3	2-3	5000	1021.0	+2.6	NNW	3	b	49	85	7	5	-	1	1	3500	0	2	68	47	44	1	Tr	1.4							
	Gorleston ... 5	1016.8	+10	NNW	2	e	55	85	6	5	-	-	7-8	7-8	2500	1020.6	+2.6	NW	4	52	65	7	8	-	1-6	4-6	2500	0	2	65	47	46	Tr	Tr	0.7								
	Mildenhall ... 19	1018.2	+10	NNW	2	c	48	75	7	5	-	-	7-8	7-8	4000	1021.1	+2.6	NW	3	bc	45	85	7	5	3	-	2-3	4-6	3500	0	*	68	44	35	Tr	-	1.9						
	Cranwell ... 240	1019.5	+18	NNW	3	bc	47	85	6	5	-	-	2-3	2-3	4000	1023.6	+2.2	NNW	3	b	45	85	7	5	-	Tr	Tr	3000	0	*	65	44	41	-	-	4.0							
3	Birmingham ... 535	535	*	*	*	*	*	*	*	*	*	*	1021.4	+2	NNW	3	m	45	85	4	8	-	-	4-6	4-6	4000	0	*	67	44	38	Tr	Tr	3.6									
	Upper Heyford ... 408	1019.9	+10	NNW	2	b	50	75	7	5	-	-	1	1	4000	1023.5	+2.2	NW	2	44	92	6	8	6	-	2-3	4-6	2000	0	*	70	42	37	Tr	-	*							
4	Ross-on-Wye ... 223	223	*	*	*	*	*	*	*	*	*	*	1021.6	+2.0	W	1	c	46	75	8	1	-	7	Tr	Tr	2500	0	*	68	44	35	-	-	3.6									
5	Hartland Point ... 299	1021.7	+12	NNE	3	e	58	75	8	8	6	-	4-6	7-8	1700	1025.1	+2.0	NNE	5	c	54	75	8	8	6	-	4-6	7-8	1500	0	3	61	54	52	2	-	1.4						
	Bristol ... 209	1021.5	+14	-	0	c	53	85	7	5	7	-	7-8	9	3000	1025.1	+2.6	NNW	3	b	49	85	8	-	4	-	0	Tr	-	0	67	46	38	0.5	-	2.4							
	Portland Bill ... 32	1010.2	+16	NW	2	bc	56	92	8	5	-	-	4-6	4-6	1000	1025.1	+2.4	NNW	2	c	54	75	8	5	-	2	7-8	7-8	4000	0	1	66	53	45	Tr	0.6	2.3						
	Plymouth ... 82	1021.7	+12	E'N	2	bc	54	92	8	5	7	-	4-6	4-6	3000	1025.5	+2.0	NNE	4	c	54	85	8	8	6	-	7-8	7-8	2000	0	2	65	52	45	Tr	1	3.2						
	The Lizard ... 240	1022.5	+6	N	3	bc	54	92	8	8	-	-	4-6	4-6	2000	1025.7	+1.8	N'E	4	bc	56	75	8	8	-	3	4-6	4-6	1400	1	2	67	55	*	Tr	5	4.2						
	Scilly (St. Mary's) ... 163	163	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
	Guernsey ... 175	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*									
6	Pembroke ... 142	142	*	*	*	*	*	*	*	*	*	*	1026.3	+1.4	NNE	4	c	52	65	8	7	4	-	4-6	7-8	2500	0	2	63	50	50	Tr	Tr	3.9									
7	Holyhead ... 26	1022.5	+18	NNW	5	bc	54	75	7	2	-	-	2-3	2-3	2500	1025.5	+1.4	NNW	5	c/pr	53	75	8	8	3	4	7-8	9	2700	0	4	61	52	50	0.5	Tr	3.7						
	Chester (Sealand) ... 16	1021.2	+20	NNW	4	bc	51	65	7	5	-	-	2-3	2-3	4000	1025.1	+2.2	NNW	2	bc	47	75	8	2	-	2-3	2-3	3200	1	*	62	45	40	0.5	-	3.4							
8	Manchester ... 70	1020.6	+16	NNW	3	b	45	85	7	-	-	-	0	0	-	1024.8	+2.2	NNW	3	20	35	85	7	-	4	-	0	Tr	-	0	62	33	27	2	-	3.6							
10	Spurn Head ... 29	1018.0	+20	NNW	6	pr	53	85	7	6	-	-	7-8	7-8	2500	1022.0	+3.0	NNW	6	bc	46	75	7	4	-	-	2-3	2-3	4000	0	4	65	46	*	-	Tr	3.8						
	Catterick ... 175	1020.5	+22	NNW	3	bc	47	85	8	5	-	-	2-3	2-3	4500	1023.9	+1.2	NW	2	b	44	65	8	-	-	0	0	-	0	63	33	28	-	-	2.8								
	Tynemouth ... 108	1020.1	+20	W	3	b	45	75	7	-	4	-	0	1	-	1023.1	+1.6	NNW	4	20	41	65	6	2	-	-	2-3	2-3	3200	0	2	62	38	37	-	-	*						
11	St. Abbs Head ... 280	1019.3	+12	NW	5	bc	47	75	8	4	-	-	2-3	2-3	3000	1022.3	+1.6	NNW	4	bc	45	75	9	2	4	-	2-3	4-6	2500	0	3	57	44	*	-	-	*						
	Leuchars ... 36	1020.2	+18	NNW	3	b	43	75	9	-	-	-	0	0	-	1023.0	+1.8	NW	2	bc	43	75	9	8	-	9	1	2-3	3500	0	*	61	40	30	0.1	-	9.5						
12	Renfrew (Abbots L.) ... 19	1022.6	+2.4	SW	1	b	40	85	8	-	-	-	0	0	-	1024.9	+1.2	W'N	3	bc	43	75	9	5	4	Tr	2-3	3500	0	*	60	38	28	Tr	Tr	6.6							
	Eskdalemuir ... 704	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
	Point of Ayre ... 30	1022.2	+2.2	N	6	b	52	75	8	5	-	-	Tr	Tr	2500	1025.4	+1.8	N'E	5	b	51	85	8	4	-	1	1	4000	0	3	63	49	*	-	-	5.4							
13A	Tiree ... 22	22	*	*	*	*	*	*	*	*	*	*	1025.5	+8	N	4	bc	50	75	8	8	-	-	4-6	4-6	2800	0	3	57	46	*	0.2	-	-	8.6								
13B	Stornoway ... 80	1022.0	+20	NNW	4	c/pr	43	75	7	8	7	-	4-6	7-8	2000	1024.7	+8	NNW	3	c	43	75	8	5	7	-	4-6	7-8	2000	1	1	53	41	*	1	1	7.1						
15	Dalwhinnie ... 1178	1178	*	*	*	*	*	*	*	*	*	*	1024.1	+1.6	NNW	2	bc	40	75	7	3	-	-	2-3	2-3	2500	1	*	54	36	29	0.6	0.1	4.1									
	Aberdeen ... 79	79	*	*	*	*	*	*	*	*	*	*	1021.2	+1.4	NNW	4	pr	43	75	8	7	-	-	4-6	4-6	2500	1	2	58	41	38	1	Tr	6.8									
	Wick ... 81	1016.8	+18	NW	4	bc/pr	44	85	7	5	1	-	4-6	4-6	1500	1019.8	+1.6	NW	7	c/pr	44	85	8	8	7	2	4-6	7-8	1500	1	3	56	42	*	1	0.2	*						
16	Lerwick ... 166	1009.5	+2.2	NW	8	c/pr	44	85	7	8	7	-																															



OF THE METEOROLOGICAL OFFICE, LONDON.

c-bbcb  
bcybbc

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

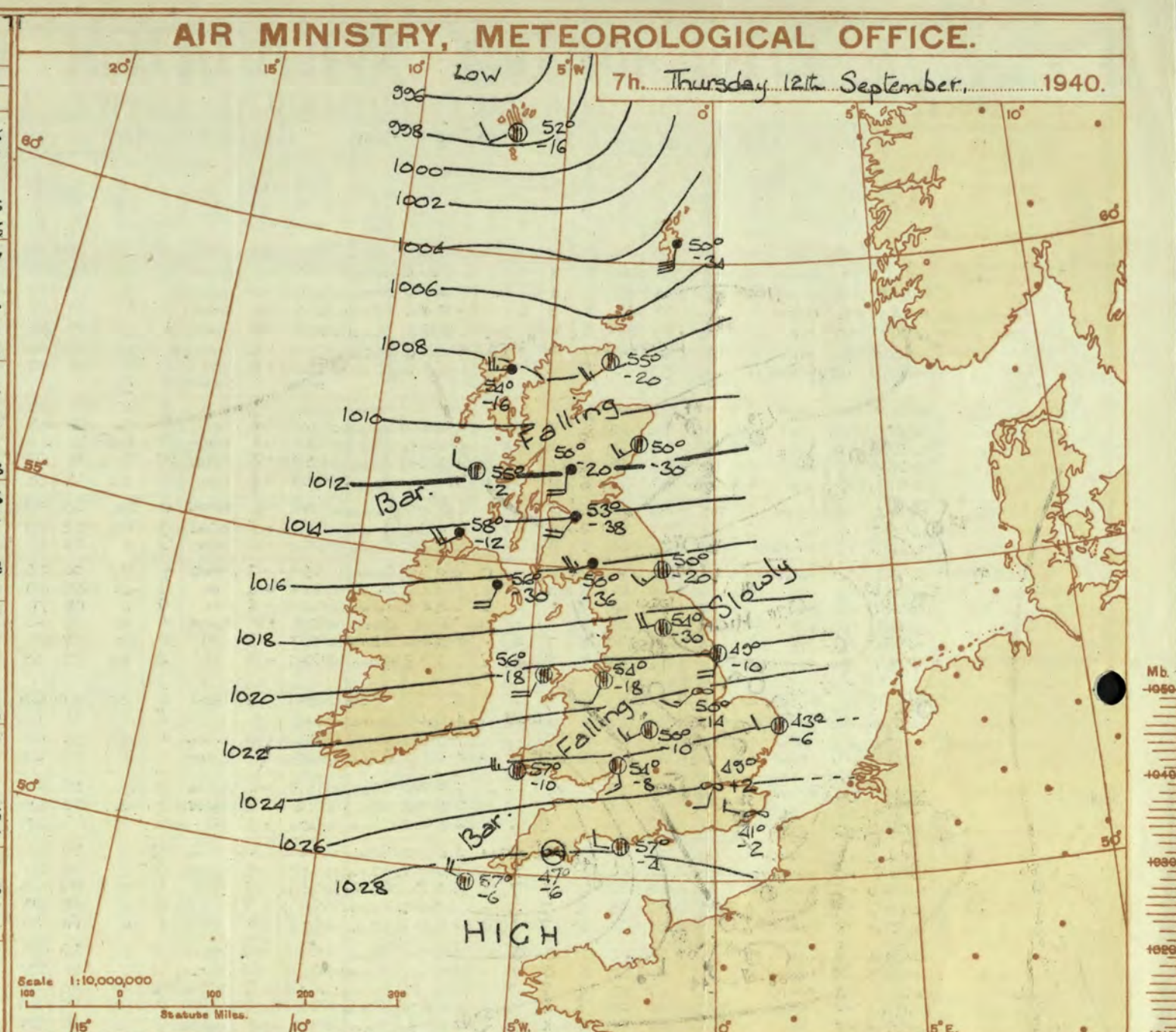
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.



Abridged observations of additional stations in the AVIATION WEATHER CODE															
13h. G.M.T. 11th September 18h. G.M.T.								01h. G.M.T. 12th September 07h. G.M.T.							
III	C <sub>1</sub>	ww	Vh	N <sub>1</sub>	DDFWN	C <sub>2</sub>	C <sub>3</sub>	III	C <sub>1</sub>	ww	Vh	N <sub>1</sub>	DDFWN	C <sub>2</sub>	C <sub>3</sub>
109	87	10844	60685	87	02854	28216	02	64648	18568	6-	61744	20368			
115					52	02844	29583	52	81735	20688	52	81734	22587		
203															
206	88	02865	24285	57	02963	00020	57	61854	20368	8-	02956	22366			
210	88	25954	26586					57	22856	18367	57	02855	20326		
220	52	02953	27117	52	02853	24228						52	25743	27467	
230															
245	20	01864	30524	47	02964	00027	52	22865	20468	62	22746	20368			
260	73	02964	26316	47	02972	24316	57	02764	20325	5-	64668	51468			
277	27	02904	30427	07	61974	27267	57	02854	20368	6-	22648	19568			
279															
285	23	01844	30515	23	01844	30214						9-	25637	22687	
288	70	02765	31315	57	17664	28215	37	05664	20125	62	62855	17228			
279	87	10763	17315												
301	13	01863	30423	43	01863	30414	57	05665	20427	52	02754	55428			
321	73	02864	28314	43	01863	30214	57	05664	24115	52	05666	20428			
290	60	01765	28415	57	01764	28314	5-	05545	22216	57	05644	22316			
292					43	02863	29216	07	01790	22214	57	05643	16217		
310	--	01644	26314					--	02528	24428					
316	10	05663	30313	46	05674	28214	54	01673	00015	57	22564	18267			
338	26	01864	30414	43	02963	28316	07	02890	24127	57	02845	27427			
344	--	02865	28315	--	01862	28115		--	02865	24316					
340	20	01863	30215	43	02963	28316	50	01863	24115	57	02865	15317			
136	26	01864	30414	10	01862	03213	03	05660	27111	57	05661	18318			
336	--			--	01852	28514		--	03854	24528					
350	10	01763	30413	44	01761	29214	04	01700	28214	53	05663	18227			
368	10	01964	32314	47	02961	29316	53	02863	00015						
379	10	02762	32413	03	02790	32316	03	05660	00027	03	02790	22327			
390					04	01790	30214	03	05590	26202	03	08490	20225		
382	70	05663	28313	00	01700	29304	57	02772	28117	57	02865	00027			
438	8-	02745	02415					6-	64728	24568					
430	40	01863	32313	00	00490	32214	03	05660	00014	03	05660	28228			
409	54	01855	01425	57	01953	32314				53	02844	21426			

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<sub>1</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C<sub>1</sub>, C<sub>2</sub> = 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. 12th September 1940
1 S.E. England	Moderate or fresh southwest wind; cloudy, occasional rain; average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Moderate or fresh southwest to west wind, strong at times locally; mainly cloudy, occasional rain, brighter intervals locally later; 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. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	



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

**GENERAL INFERENCE.**

A deep depression over Iceland is moving eastward and an associated trough will cross the British Isles. Secondaries are likely to approach from the Atlantic. Weather will be generally unsettled with occasional rain and fresh southwest to west winds.

**FURTHER OUTLOOK.**

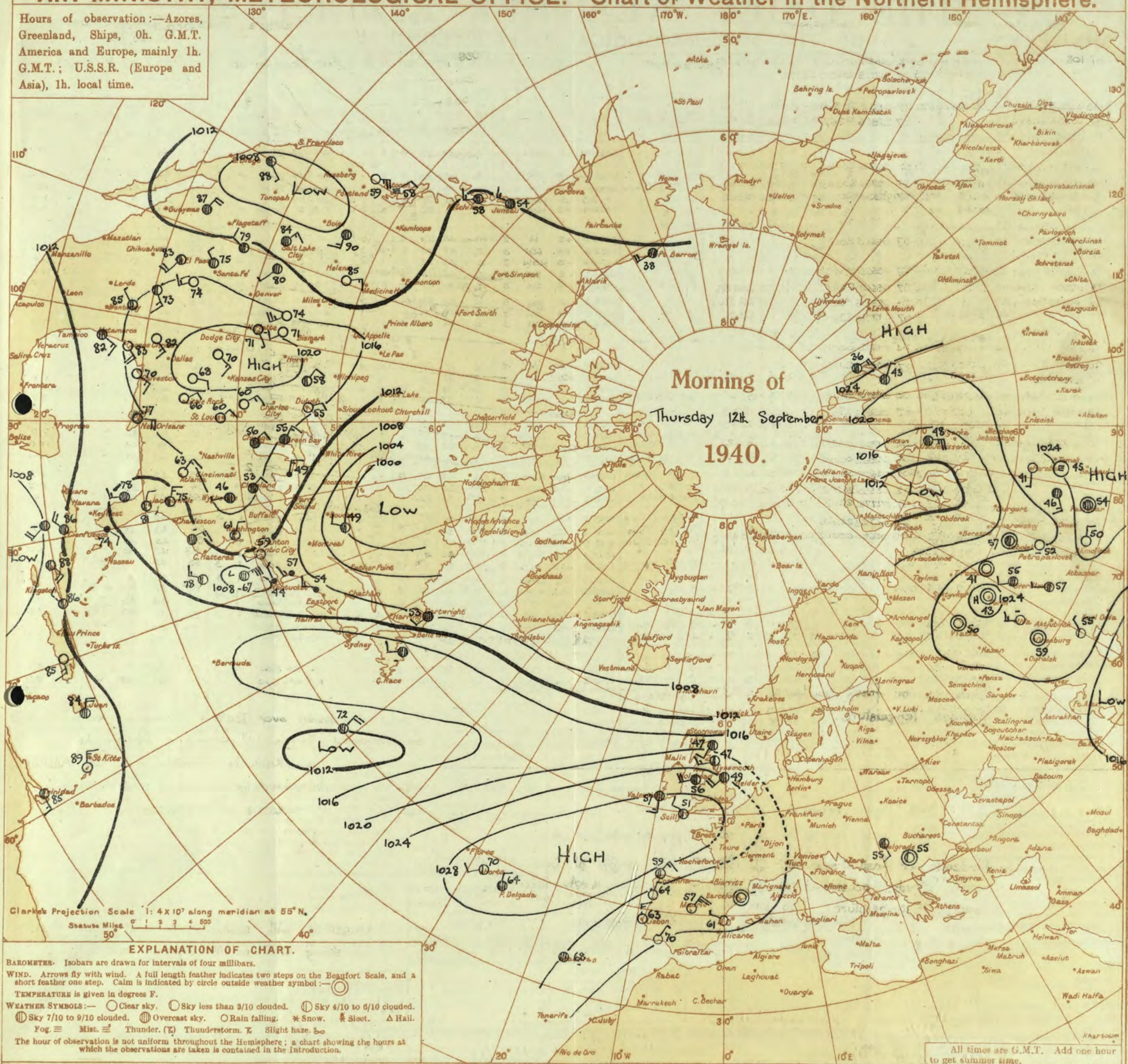
Unsettled with southwest to west wind fresh or strong at times in exposed areas.

Forecasts issued at 10.30h. N. K. JOHNSON, D.Sc., A.R.C.S. Director.  
 H.M.S.O. Press, Cornwall House, S.E.1.



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 12th September.														OBSERVATIONS at 7 hr. G.M.T. 12th September.														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)	Vis. (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Vis. (22)	Cloud.			State of ground. (29)	Sea. (30)	TEMPERATURE.		RAINFALL.		SUNSHINE Hrs. (36)						
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)			Direc. (17)	Force. (18)					Form. (23)	Amount. (24)	Height of Base. (feet) (25)			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	217	1027.8	-2	N	1	bc	40	85	6	-	3	-	0	2-3	-	1025.9	-10	SE	1	Z	45	85	7	5	-	3+	3+	7200	0	62	36	27	-	-	10.3	
	Croydon ... 226		1027.8	-2	N	1	bc	40	85	6	-	3	-	0	2-3	-	1026.3	-6	-	0	C	45	85	7	5	7	-	4-6	9	2200	0	60	42	32	-	-	10.7
	S. Farnborough ... 417		1027.8	-2	N	1	bc	40	85	6	-	3	-	0	2-3	-	1026.3	-6	-	0	C	45	85	7	5	7	-	4-6	9	2200	0	60	42	32	-	-	10.7
	Boscombe Down ... 8		1027.8	-2	N	1	bc	40	85	6	-	3	-	0	2-3	-	1026.3	-6	-	0	C	45	85	7	5	7	-	4-6	9	2200	0	60	42	32	-	-	10.7
	Calshot (St. Mary's) ... 346		1026.6	+2	N	1	bc	40	85	6	-	3	-	0	2-3	-	1026.1	-2	WSW	2	Z	51	75	6	-	7	-	0	3+	-	0	62	45	41	-	-	11.5
	Lymington ... 154		1026.6	+2	N	1	bc	40	85	6	-	3	-	0	2-3	-	1026.1	-2	WSW	2	Z	51	75	6	-	7	-	0	3+	-	0	62	45	41	-	-	10.9
	Manston ... 154		1026.6	+2	N	1	bc	40	85	6	-	3	-	0	2-3	-	1026.1	-2	WSW	2	Z	51	75	6	-	7	-	0	3+	-	0	62	45	41	-	-	10.9
2	Shoeburyness ... 11		1025.0	-6	N	1	bc	40	85	6	-	3	-	0	2-3	-	1025.5	+2	N	2	M	48	75	4	-	3	-	0	7-8	-	0	62	40	23	-	-	10.7
	Felixstowe ... 15		1025.3	-2	N	1	bc	45	75	7	-	5	-	0	2-3	-	1025.3	+4	WN	3	Z	47	85	6	5	3	-	7-8	9+	5700	0	64	44	33	-	-	11.0
	Gorleston ... 5		1025.3	-2	N	1	bc	45	75	7	-	5	-	0	2-3	-	1024.0	-6	WSW	2	C	43	85	7	-	4	-	0	3+	-	0	57	41	35	-	-	7.8
	Mildenhall ... 19		1026.1	-4	SW	2	bc	40	85	7	-	3	-	0	1	-	1024.2	-6	SW	3	Z	46	75	6	5	7	6	2-3	9	5000	0	60	37	27	-	0.3	11.0
	Cranwell ... 240		1026.0	-4	WS	2	bc	42	85	6	-	7	-	0	7-8	-	1022.8	-14	SW	3	Z	50	75	6	5	2	6	7-8	10	2500	0	59	41	37	-	-	10.8
3	Birmingham ... 535		1027.1	-2	-	0	C	44	80	7	-	7	7	0	10	-	1023.3	-10	SW	3	C	50	85	8	5	7	-	3	3+	2500	0	58	48	41	-	-	9.7
	Upper Heyford ... 408		1027.1	-2	-	0	C	44	80	7	-	7	7	0	10	-	1025.6	-4	SW	2	C	48	75	8	5	7	-	4-6	9+	4000	0	60	41	31	-	-	9.7
	Ross-on-Wye ... 223		1027.1	-2	-	0	C	44	80	7	-	7	7	0	10	-	1024.0	-8	SE	3	C	54	75	7	5	-	8	9	3+	4000	0	61	47	41	-	-	11.0
5	Hartland Point ... 299		1028.5	-2	NNE	2	C	55	75	9	5	6	-	4-6	7-8	2000	1026.9	-4	N	2	C	57	75	8	5	4	-	7-8	10	4000	0	62	51	-	-	-	-
	Bristol ... 209		1028.5	-2	NNE	2	C	55	75	9	5	6	-	4-6	7-8	2000	1026.9	-4	N	2	C	57	75	8	5	4	-	7-8	10	4000	0	62	51	-	-	-	-
	Portland Bill ... 32		1028.4	+2	N	2	bc	50	70	8	-	4	6	0	4-6	-	1027.7	-6	-	0	Z	47	85	7	5	-	8	9	3	3000	0	62	45	38	-	-	11.4
	Plymouth ... 82		1028.4	+2	N	2	bc	50	70	8	-	4	6	0	4-6	-	1028.1	-4	N	3	bc	56	75	8	8	6	-	4-6	4-6	2500	0	64	48	-	-	-	9.1
	The Lizard ... 240		1028.4	+2	NN	2	bc	51	85	8	5	-	-	2-3	2-3	2500	1028.4	-6	WNW	4	C	57	75	8	5	-	3	4	7-8	2000	0	61	50	-	-	-	8.7
	Scilly (St. Mary's) ... 163		1028.4	+2	NN	2	bc	51	85	8	5	-	-	2-3	2-3	2500	1028.4	-6	WNW	4	C	57	75	8	5	-	3	4	7-8	2000	0	61	50	-	-	-	8.7
	Guernsey ... 175		1028.4	+2	NN	2	bc	51	85	8	5	-	-	2-3	2-3	2500	1028.4	-6	WNW	4	C	57	75	8	5	-	3	4	7-8	2000	0	61	50	-	-	-	8.7
6	Pembroke ... 142		1027.4	-10	NW	4	bc	57	75	8	5	7	1	4-6	3-4	3000	1024.9	-10	WS	5	C	57	85	8	8	7	1	4-6	7-8	2200	0	64	53	-	-	-	10.3
7	Holyhead ... 26		1025.3	-8	WS	4	C	56	85	8	5	8	8	4-6	3-4	4000	1021.1	-18	SW	4	C	56	85	8	5	7	-	2-3	10	2200	0	58	54	52	-	-	7.9
	Chester (Sealand) ... 16		1025.3	-14	WSW	2	C	51	75	7	5	-	-	7-8	7-8	5700	1021.5	-18	SW	2	C	54	85	7	5	-	2	4-6	9+	4000	1	57	51	44	-	-	10.5
	Manchester ... 70		1025.3	-14	SW	2	C	50	85	6	5	7	-	8	10	2100	1021.9	-12	SW	3	Z	51	85	6	5	7	-	7-8	9+	3200	0	57	45	37	-	-	10.0
10	Spurn Head ... 29		1024.4	-4	WSW	4	C	49	75	6	4	-	9	9	4000	1020.5	-10	SSW	4	C	49	85	6	5	4	1	4-6	9+	4000	0	55	47	-	-	-	10.5	
	Catterick ... 175		1024.4	-14	-	0	bc	47	75	7	-	3	-	0	4-6	-	1018.1	-30	WSW	4	C	54	75	8	5	7	-	7-8	9+	2500	0	56	43	38	-	-	9.9
	Tynemouth ... 108		1023.3	-20	N	3	bc	47	75	6	8	-	-	4-6	4-6	3400	1018.2	-20	SW	3	C	50	85	5	5	-	-	3+	9+	2200	1	55	47	43	-	-	9.9
11	St. Abbs Head ... 280		1020.4	-26	WSW	4	bc	46	75	8	5	4	-	4-6	4-6	2500	1013.3	-34	SW	5	C	50	92	7	5	2	-	7-8	10	2000	1	53	45	-	-	4	-
	Leuchars ... 36		1019.3	-30	WSW	3	C	48	75	6	5	-	-	7-8	7-8	2800	1012.4	-32	SW	3	C	51	92	7	5	7	-	7-8	9+	1200	1	56	48	45	-	-	5.7
12	Renfrew (Abbots) ... 19		1020.8	-30	SW	3	C	58	85	8	7	6	-	7-8	10	3700	1013.2	-38	SW	4	C	53	97	6	5	2	-	3+	10	800	1	56	49	45	-	-	6.6
	Esdailemuir ... 794		1020.8	-30	SW	3	C	58	85	8	7	6	-	7-8	10	3700	1013.2	-38	SW	4	C	53	97	6	5	2	-	3+	10	800	1	56	49	45	-	-	6.6
	Point of Ayre ... 30		1023.3	-22	WN	3	C	52	82	8	5	-	-	9	9	4000	1017.2	-36	SW	5	C	50	97	6	-	2	-	10	10	220	1	53	43	40	-	-	9.5
	Point of Ayre ... 30		1023.3	-22	WN	3	C	52	82	8	5	-	-	9	9	4000	1017.2	-36	SW	5	C	50	97	6	-	2	-	10	10	220	1	53	43	40	-	-	9.5
13A	Tiree ... 22		1013.7	-44	SSW	6	C	54	82	7	5	2	-	9	10	1500	1011.5	-2	WNW	2	C	55	97	7	5	-	-	9	9	800	1	56	51	-	-	12	4.1
13B	Stornoway ... 80		1013.7	-44	SSW	6	C	54	82	7	5	2	-	9	10	1500	1011.5	-2	WNW	2	C	55	97	7	5	-	-	9	9	800	1	56	51	-	-	12	4.1
15	Dalwhinnie ... 1176		1013.7	-44	SSW	6	C	54	82	7	5	2	-	9	10	1500	1011.5	-2	WNW	2	C	55	97	7	5	-	-	9	9	800	1	56	51	-	-	12	4.1
	Aberdeen ... 79		1013.7	-44	SSW	6	C	54	82	7	5	2	-	9	10	1500	1011.5	-2	WNW	2	C	55	97	7	5	-	-	9	9	800	1	56	51	-	-	12	4.1
	Wick ... 81		1013.7	-44	SSW	6	C	54	82	7	5	2	-	9	10	1500	1011.5	-2	WNW	2	C	55	97	7	5	-	-	9	9	800	1	56	51	-	-	12	4.1
	Lerwick ... 156		1013.7	-44	SSW	6	C	54	82	7	5	2	-	9	10	1500	1011.5	-2	WNW	2	C	55	97	7	5	-	-	9	9	80							



SECRET

Page 1.

AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 13th September 1940.

No. 28785

OBSERVATIONS at 13h. G.M.T. 12th September														OBSERVATIONS at 18h. G.M.T. 12th September														PAST 24 HOURS.							
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			Height of Base. (feet).	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			Height of Base. (feet).	State of Ground.	Sea.	WEATHER.							
				Dir.	Force.					Low.	Med.	High.				Low.	Med.					High.	Low.	Med.				High.	7h.—18h. 12h....	13h.—18h. 12h....	18h.—to 1h. 13h....	1h.—7h. 13h....			
1	London (Kew)...	1021.6	-18	SW	5	C	62	65	8	5	4	-	7-8	9+	2500	1018.3	-14	SWW	3	C	61	75	8	5	-	-	10	10	1500	0	*	bc,mc	ci,rc	ci,rc	ci,rc
	Croydon ...	1022.0	-20	W	3	C	62	65	7	5	-	-	9+	9+	2500	1019.0	-12	SW	3	C	61	75	7	5	-	-	10	10	2000	0	*	bc,mc	ci,rc	ci,rc	ci,rc
	S. Farnborough	1022.1	-24	SWW	5	C	64	55	7	5	7	-	4-6	9+	2500	1018.8	-16	WSW	4	C	61	65	8	5	-	-	10	10	2000	0	*	cy	ci,rc	ci,rc	ci,rc
	Boscombe Down	1022.4	-22	WSW	4	C	62	65	7	5	-	-	9+	9+	3500	1019.1	-18	SWW	3	C	60	75	8	5	2	-	9+	10	1200	0	*	c	c	c	c
	Calshot (Soton.)	1023.1	-18	SWW	5	C	63	65	7	7	7	-	4-6	9+	3000	1019.6	-14	WSW	4	2	61	75	6	5	-	-	10	10	3500	0	3	c	c	c	c
	Lymington	1023.7	-14	WSW	3	C	62	55	7	1	3	-	7-8	9+	2000	1019.6	-14	WSW	3	ir	59	75	7	-	2	-	10	10	3000	0	4	c	c	c	c
	Manston	*	*	WSW	4	C	*	*	8	1	7	*	Tr	9+	3000																				
2	Shoeburyness ...	1021.2	-24	SWW	4	C	66	55	8	1	7	-	1-7	8	4000	1017.9	-18	SW	4	C	61	75	8	5	-	-	10	10	4000	0	*	bc	ci,rc	ci,rc	ci,rc
	Felixstowe ...	1021.0	-24	SW	4	2	65	55	6	5	7	-	2-3	7-8	5700	1017.5	-10	WS	4	C	58	85	7	5	2	-	4-6	10	4000	1	2	c	c	c	c
	Gorleston ...															1013.7	-12	WSW	4	ir	58	82	6	6	-	-	10	10	1500	1	2	c	c	c	c
	Mildenhall ...	1019.0	-26	WSW	4	C	64	55	7	5	7	-	4-6	9	4000	1015.7	-20	SWW	4	C	53	85	7	6	2	-	7-8	10	1600	1	*	c	c	c	c
	Cranwell ...	1018.3	-20	SW	4	for	58	85	6	5	-	-	10	10	1500	1014.1	-14	SW	4	ir	53	92	6	6	-	-	10	10	1000	1	*	c	c	c	c
3	Birmingham															1015.9	-14	SW	3	C	53	92	6	6	-	-	10	10	800	1	*				
4	Upper Heyford	1020.7	-22	WSW	4	ir	62	65	7	5	2	-	2-3	10	2000	1017.7	-14	SW	4	ir	53	85	6	6	2	-	9	10	800	1	*				
5	Ross-on-Wye ...																																		
6	Hartland Point															1019.0	-12	W	6	C	61	97	6	6	2	-	9	10	800	1	4				
	Bristol ...															1018.6	-18	WSW	4	id	61	85	6	6	2	-	7-8	10	800	0	*				
	Portland Bill ...	1027.9	-8	N	2	bc	53	85	8	5	-	-	4-6	4-6	4000	1020.1	-20	SW	4	o	60	85	7	5	-	-	10	10	2300	0	3	bc			
	Plymouth ...	1028.3	-14	W	5	C	61	65	8	5	2	-	7-8	9+	2500	1021.3	-24	WSW	4	2	61	85	6	5	-	-	10	10	700	0	3	C			
	The Lizard															1022.5	-20	W	6	C	62	92	7	8	6	-	7-8	7-8	1500	0	3				
	Scilly (St. Mary's)															1022.8	-18	WS	5	bc	62	92	7	4	3	4	2-3	4-6	1100	0	3				
	Guernsey																																		
7	Pembroke ...	1016.6	-18	SWW	5	ir	60	92	6	6	2	-	4-6	10	1000	1017.5	-16	WS	6	C	61	97	6	8	7	3	2-3	9	1500	1	3				
8	Holyhead ...	1016.6	-18	SWW	5	ir	60	92	6	6	2	-	4-6	10	1000	1017.5	-16	WS	6	C	61	97	6	8	7	3	2-3	9	1500	1	3				
	Chester (Sealand)	1016.2	-22	SWW	3	ir	63	75	7	5	1	-	4-6	10	1500	1013.0	-20	WSW	4	C	64	85	8	5	3	1	4-6	9+	1500	1	*				
	Manchester	1016.3	-22	SSW	3	ir	57	92	6	-	2	-	10	10	800	1013.1	-12	WSW	3	20	63	85	6	5	3	1	4-6	7-8	2300	1	*				
10	Spurn Head ...															1012.0	-10	SW	4	ir	58	97	6	6	-	-	10	10	1500	1	3				
	Catterick ...	1013.4	-26	SSW	3	ir	60	85	8	5	7	-	7-8	10	1500	1003.9	-20	SW	2	bc	62	85	8	5	7	1	2-3	4-6	2500	1	1				
	Tynemouth ...	1012.8	-24	W	4	ir	61	85	8	8	-	-	9	9	2500	1010.1	-10	W	3	bc	62	75	7	8	-	1	2-3	4-6	2500	1	1				
11	St. Abbs Head	1008.9	-6	W	3	C	61	85	8	8	2	-	7-8	9+	2500	1007.4	-4	W	3	C	59	75	9	4	7	2	2-3	7-8	2500	0	2				
	Leuchars ...	1008.1	-14	W	4	C	63	65	9	8	7	9	7-8	9+	1500	1005.8	-14	WSW	5	C	60	65	8	2	4	9	2-3	10	2500	1	*				
12	Renfrew (Abbots L.)	1010.8	-6	WSW	4	C	61	75	8	8	-	6	7-8	9	2000	1008.9	-14	WSW	3	C	58	75	8	8	-	6	9	9+	1600	1	*				
	Eskdalemuir ...															1009.2	-14	WNW	4	C	58	75	8	5	7	4	4-6	7-8	2500	1	*				
	Point of Ayre ...																																		
13A	Tiree ...	1009.4	-10	WSW	4	C	59	85	7	5	-	-	7-8	7-8	1500	1001.1	-26	SW	4	pr	54	97	7	8	7	-	9+	10	600	2	2				
13B	Stornoway ...	1006.1	-12	WSW	5	pr	53	85	6	8	7	-	4-6	9	1000	1001.1	-26	SW	4	pr	54	97	7	8	7	-	9+	10	600	2	2				
15	Dalwhinnie ...															1004.5	-18	WS	2	C	61	53	7	4	7	6	2-3	3	4000	0	1				
	Aberdeen ...															1001.8	-18	SW	3	C	56	75	8	8	7	8	4-6	7-8	1500	1	1				
	Wick ...															999.2	-10	SW	5	ir	51	97	7	8	2	-	7-8	10	800	1	*				
16	Lerwick...																																		
17	Blackad Point...	1015.4	-16	WSW	4	dd	61	97	6	6	-	-	10	10	1500	1013.6	-8	WS	4	C	59	85	7	5	-	-	10	10	800	0	2				
18	Malin Head ...	1011.5	-16	WNW	5	C	59	85	7	5	-	2	4-6	7-8	4000	1009.6	-14	WNW	5	pr	58	75	8	9	6	-	4-6	7-8	4000	0	3				
	Aldergrove ...	1013.0	-14	SWW	4	ir	65	92	8	6	9	3	4-6	9	500	1010.8	-8	W	3	pr	59	85	8	8	-	-	9+	9+	2000	1	*				
19	Birt Castle ...	1018.2	-14	WSW	3	ir	63	97	7	6	1	-	7-8	10	1500	1014.6	-14	WSW	4	ir	62	97	7	6	1	-	7-8	10	1500	1	*				
20	Valentia Obsy. †																																		
	Roches Point ...															1017.7	-18	WN	5	C	64	85	8	5	-	5	4-6	7-8	1500	0	3				

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).  
bc, sky partly cloudy (one half covered). c, generally cloudy.  
d, drizzle. e, wet air. g, gloom.  
f, fog, visibility 220-1100 yds.  
F, thick fog, less than 220 yds.  
fs, low fog over sea (coast station).  
fg, low fog over land (inland station).  
m, mist, visibility 1100-2200 yds.  
h, hail. i, intermittent.  
jf, fog at a distance, but not at station.  
jp, precipitation within sight of station.  
ks, storm of drifting snow.  
k/s, slight storm of drifting snow (generally low).  
k/S, heavy storm of drifting snow (generally low).  
s/k, slight storm of drifting snow (generally high).  
S/k, heavy storm of drifting snow (generally high).  
KQ, line squall. l, lightning.  
o, overcast sky. p, passing showers.

q, squalls. r, rain. s, snow.  
rs, sleet. t, thunder.  
u, ugly, threatening sky.  
v, unusual visibility. w, dew.  
x, hoar frost. y, dry air.  
z, dust haze: the turbid atmosphere of dry weather.  
h(r), "hail" or "rain and hail."  
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r, slight rain.  
rr, continuous rain.  
c, less than (for cloud height). gale.  
⊕ Solar halo. ⊙ Lunar halo. ☉ Aurora.  
With present weather is combined, whenever possible, the general character of the weather.  
A "solidus" divides actual existing weather from preceding conditions thus: bc/r, fair weather after rain: —, has decreased; +, has increased.

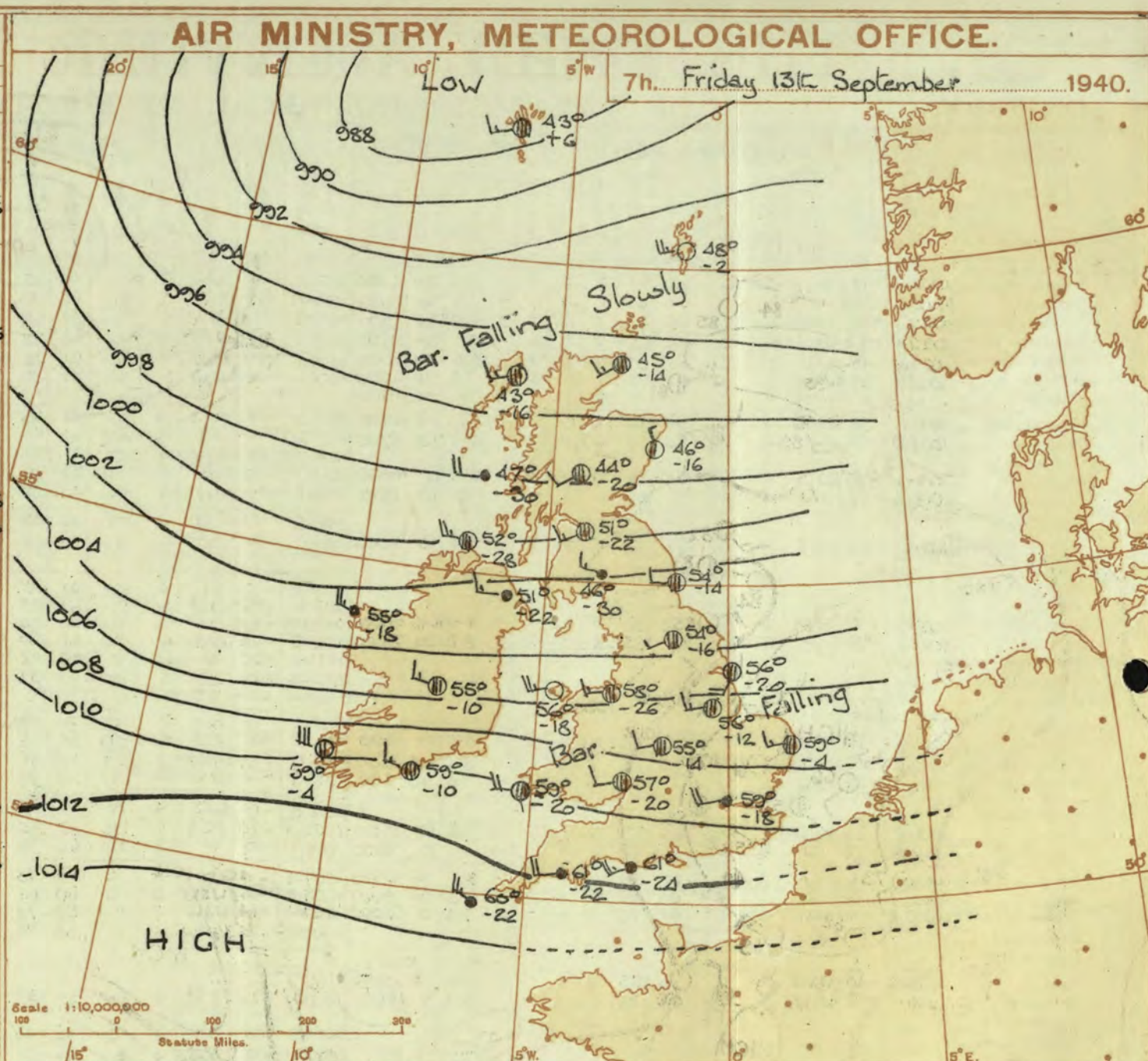
## COLUMNS 9, 23.—FORM OF LOW CLOUD.

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



Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 12th September						01h. G.M.T. 13th September					
III	C <sub>M</sub>	ww	Vh <sub>N</sub>	DDFWN	C <sub>M</sub>	ww	Vh <sub>N</sub>	DDFWN	C <sub>M</sub>	ww	Vh <sub>N</sub>
109	4	02747	23587						83	25844	20285
115	52	81734	24587	52	81824	20587					
203									20	02845	16567
206	8	02365	23486	87	02354	23226	87	02354	23226	84	01063
210				53	02354	22427	53	02354	22427	5	02355
220									62	22744	24368
230	87	81345	21487						9	03747	20387
245	20	02354	24325	47	02354	21226	47	02354	21226	53	01054
260	87	02854	22516	74	02853	22415	74	02853	22415	53	02774
277	57	22837	25368	5	62647	29368	5	62647	29368	02	62747
279									--	05646	24516
285									23	01734	02265
288	62	61645	17368	84	01844	22364	84	01844	22364	5	02857
273	32	63434	28568						97	02534	26167
301				83	25755	22485	83	25755	22485	83	25755
321				57	22655	22367	57	22655	22367	57	05664
299	5	54448	22358	5	61438	22368	5	61438	22368	57	02745
292	62	62643	16168	56	02845	23327	56	02845	23327	87	61744
310				--	46109	24449	--	46109	24449	--	02626
316	5	64548	20468	62	61535	20468	62	61535	20468	57	03664
333				50	01743	24565	50	01743	24565	83	81745
334									--	25745	22486
340	51	22846	20468	50	01864	22415	50	01864	22415	5	02857
136	52	61764	20568	52	61637	51468	52	61637	51468	57	22863
336											
350	57	61756	20428	62	22738	18468	62	22738	18468		
368									5	51637	22568
379	17	02751	22428	62	51636	22458	62	51636	22458	5	02752
390											
382									5	02848	21428
438									--	03738	34728
430				52	02753	24528	52	02753	24528		
409	57	22746	20527	5	02628	20568	5	02628	20568	02	62618

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
N = Total amount of cloud—See M.O. 252.  
C<sub>M</sub> = 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 13th September**

1 S.E. England	Moderate or fresh westerly wind; occasional rain or showers, local thunder, bright intervals: 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	Moderate or fresh west to west-north-west wind; showers, local thunder, bright intervals: rather cool.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

**GENERAL INFERENCE.**

A depression north of the Faeroes is moving slowly east, and is still spreading south. Further disturbances are likely from the Atlantic. Weather will be unsettled but with bright intervals especially in the North.

**FURTHER OUTLOOK.**

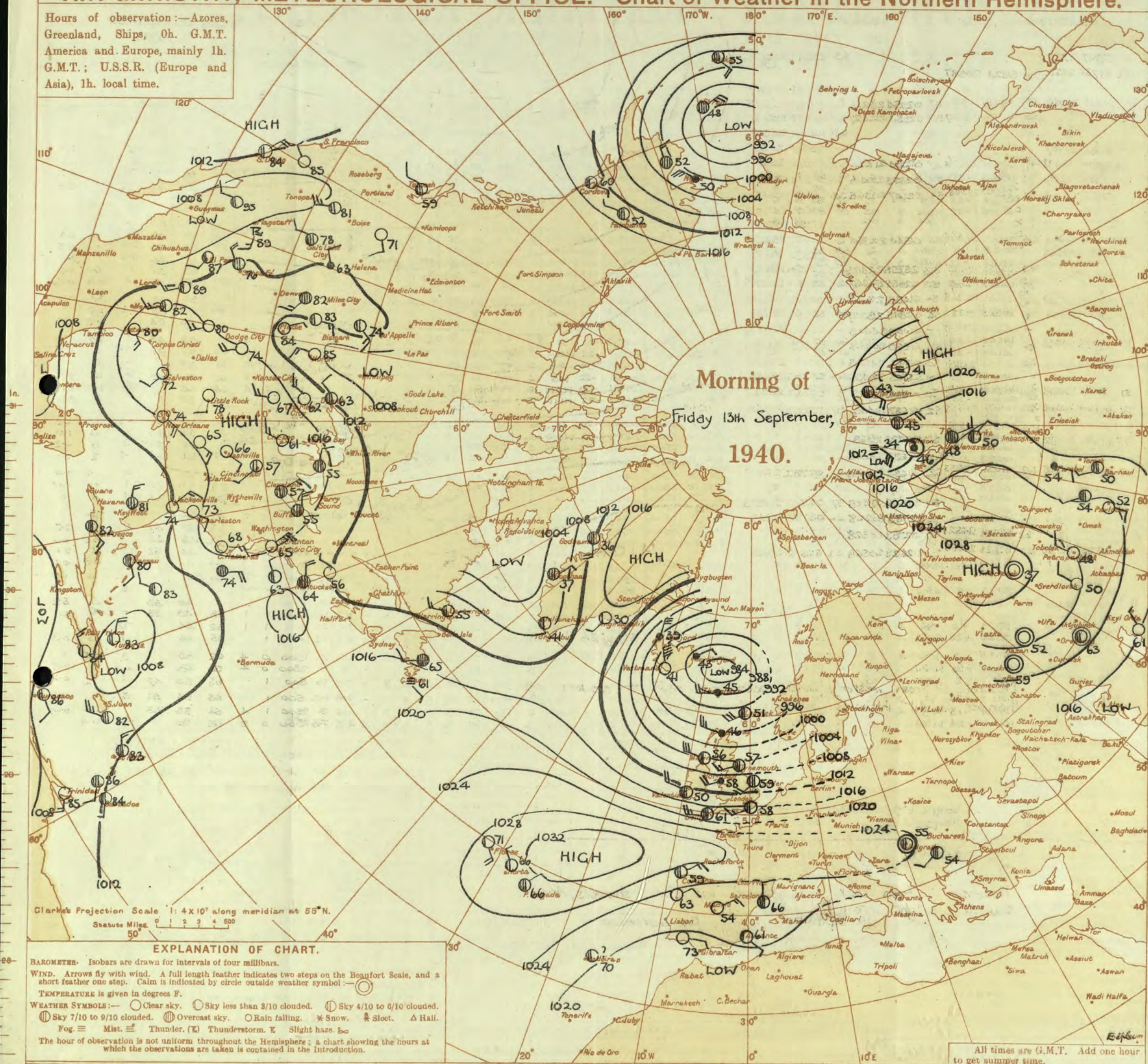
Unsettled.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 13th September 1940.

No 28785.

OBSERVATIONS at 1 hr. G.M.T. 13th September														OBSERVATIONS at 7 hr. G.M.T. 13th September														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE (24 Hrs.)		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Form.	Amount.	Height of Base (feet).	Max. Day 7h-13h °F.			Min. Night 13h-7h °F.	Min. on Grass °F.	Day 7h-13h mm.	Night 13h-7h mm.				
																																			0-12		0-10	0-10
1	London (Kew) ... 18	217	*	*	*	*	*	*	*	*	*	*	*	1008.7	-20	SWW	3	C	60	83	7	5	-	-	9+	9+	1500	1	*	64	59	57	Tr	3	2.1			
	Croydon ... 217	226	1014.2	-22	SWW	4	C	61	85	7	5	-	-	10	10	2000	1009.3	-18	WSW	4	Tr	59	92	7	6	7	-	9	10	1500	1	*	66	*	*	Tr	1	3.2
	S. Farnborough ... 417	1014.4	-26	WSW	4	C	61	92	7	3	7	-	-	7-8	10	1400	1009.3	-20	SWW	3	Tr	58	92	6	6	2	-	4-6	10	1200	1	*	62	58	55	Tr	1	0.7
	Calshot (St. Mary's) ... 8	1015.1	-24	WS	4	Z	62	88	6	5	-	-	-	10	10	2000	1009.6	-20	SWW	3	Tr	58	97	7	5	2	-	4-6	10	2000	1	*	63	58	56	-	2	0.3
	Lymington ... 346	1015.6	-22	WSW	3	bc	58	97	7	5	7	-	-	2-3	4-6	1200																						
	Manston ... 154				SW	5	bc	58	97	7	5	4	-	1	2-3	2500																						
2	Shoeburyness ... 11		*	*	*	*	*	*	*	*	*	*	*	1009.2	-24	SWW	3	ir	61	92	6	6	2	-	9+	10	1500	1	*	68	59	55	Tr	-	2.3			
	Felixstowe ... 15	1012.5	-18	WSW	3	Z	59	83	6	5	2	-	-	9	10	1600	1008.2	-18	SWW	4	ir	60	92	6	6	2	-	9	10	600	1	2	67	58	56	0.3	1	0.8
	Gorleston ... 5	1011.2	-20	SWW	3	C	59	92	7	8	-	-	-	7-8	7-8	2200	1007.4	-4	WSW	3	C	59	92	6	2	2	-	2-3	10	1500	1	2	62	57	54	0.6	1	3.2
	Mildenhall ... 19	1011.1	-26	SW	4	Z	60	92	6	5	3	-	-	7-8	9+	1500	1007.3	-14	WSW	3	C	59	85	7	3	7	-	1	10	2500	1	*	66	58	50	1	Tr	1.6
	Cranwell ... 240	1009.4	-26	SW	5	Z	60	85	6	5	7	-	-	9	10	1800	1006.6	-12	WSW	3	C	56	85	7	5	-	-	9+	9+	2000	1	*	61	55	53	3	Tr	0.5
3	Birmingham ... 535		*	*	*	*	*	*	*	*	*	*	*	1008.1	-14	WSW	2	Spr	55	83	6	5	7	6	7-8	9	1500	1	*	61	55	52	1	Tr	0.4			
	Upper Heyford ... 408	1013.3	-22	N	4	Z	60	85	6	5	-	-	-	10	10	1300	1008.5	-26	WSW	3	Spr	57	85	8	5	7	-	2-3	9+	300	1	*	66	57	53	0.2	0.2	*
	Ross-on-Wye ... 223		*	*	*	*	*	*	*	*	*	*	*	1007.9	-20	WSW	2	C	57	85	8	5	7	3	4-6	9	2500	1	*	56	54	54	0.2	0.2	0.7			
5	Hartland Point ... 299	1014.8	-24	W	6	rr	60	97	6	-	2	-	-	10	10	500	1009.6	-20	W	5	Spr	60	97	8	8	2	-	9	10	600	1	4	61	59	59	1	23	0.0
	Bristol ... 209	1014.1	-26	WS	4	Spr	61	97	7	6	2	-	-	9	10	300	1009.6	-22	WSW	2	rr	58	97	7	6	2	-	9	10	450	1	4	63	57	56	Tr	9	0.6
	Portland Bill ... 32															1010.2	-24	SW	5	rr	61	85	7	5	-	-	10	10	2500	1	4	61	57	*	-	5	*	
	Plymouth ... 82	1017.3	-22	W	4	dd	61	97	5	-	2	-	-	10	10	300	1011.8	-22	WS	4	rr	61	97	6	6	2	-	9	10	400	1	4	62	60	59	Tr	16	2.8
	The Lizard ... 240	1018.4	-24	WS	5	C	61	97	6	5	-	-	-	10	10	1500	1012.4	-20	WSW	6	rr	60	97	6	5	-	-	10	10	1000	1	4	65	46	*	Tr	14	4.0
	Scilly (St. Mary's) ... 163	1019.0	-20	WS	5	C	61	92	7	5	2	-	-	7-8	10	1300	1012.9	-22	NW	5	id	60	97	6	6	-	-	10	10	800	1	3	64	59	*	-	8	3.0
	Guernsey ... 175																																					
6	Pembroke ... 142	1013.8	-20	WN	5	rr	60	97	7	8	-	-	-	9	9	1500	1008.6	-20	W	6	C	59	92	7	8	2	-	7-8	9+	1500	1	3	62	58	*	0.3	0.4	0.3
	Holyhead ... 26	1010.3	-6	WSW	4	ir	58	85	5	6	2	-	-	7-8	10	800	1005.4	-18	WSW	5	Spr	56	85	8	5	-	-	9	9+	2500	1	3	62	54	53	7	6	1.0
	Chester (Sealand) ... 16	1010.4	-6	WN	3	C	58	73	7	5	1	-	-	4-6	10	2500	1004.8	-26	WSW	3	C	58	75	6	5	-	-	9	9+	1500	1	*	66	56	51	3	8	0.2
	Manchester ... 70	1009.5	-14	WS	4	C	57	92	7	5	7	-	-	4-6	10	3000	1005.1	-18	SW	3	Z	56	85	6	8	3	-	7-8	9+	1500	1	*	63	54	51	4	2	0.1
10	Spurn Head ... 29	1003.0	-16	SW	4	C	59	92	6	5	-	-	-	9+	9+	2500	1004.5	-20	SSW	4	C	56	85	6	4	7	-	4-6	10	2500	1	3	63	56	*	4	0.2	1.0
	Catterick ... 175	1006.5	-14	WSW	3	ir	59	85	7	5	1	-	-	4-6	10	3000	1002.9	-16	SW	1	C	54	92	7	8	6	-	4-6	7-8	2500	0	*	63	53	50	1	1	0.7
	Tynemouth ... 108	1005.9	-20	WSW	3	C	57	73	7	8	-	-	-	9	9	2500	1002.6	-14	W	2	Spr	54	85	6	8	-	-	7-8	7-8	3000	1	1	63	53	44	4	4	*
11	St. Abbs Head ... 280	1002.8	-30	SW	4	C	54	85	8	5	5	-	-	4-6	9	2500	999.5	-10	W	4	C	49	85	8	5	6	-	4-6	7-8	2500	0	2	62	44	*	3	Tr	*
	Leuchars ... 36	1001.4	-22	SW	4	Spr	55	85	8	5	-	-	-	7-8	7-8	3500	998.2	-16	SW	2	bc	48	85	8	5	-	-	4-6	4-6	4500	1	*	65	47	42	0.2	Tr	2.6
	Renfrew (Abbots I.) ... 19	1003.4	-22	WS	4	C	53	85	7	8	-	-	-	2-3	2-3	2500	999.3	-22	SW	3	Spr	51	85	8	5	-	-	9+	9+	3000	1	*	63	48	44	4	0.2	0.6
	Eskdalemuir ... 794		*	*	*	*	*	*	*	*	*	*	*	*	*	1000.6	-30	WNW	3	pr	46	85	6	8	-	-	4-6	4-6	2500	1	*	61	46	42	3	1	2.0	
	Point of Ayre ... 30	1009.7	-20	WNW	6	C	56	92	8	8	1	-	-	4-6	7-8	2500	1002.6	-18	WN	4	C	55	85	8	8	4	-	4-6	7-8	2500	1	3	64	42	*	-	0.3	0.3
13a	Tiree ... 22		*	*	*	*	*	*	*	*	*	*	*	*	*	996.2	-30	W	4	pr	47	97	7	3	-	-	7-8	7-8	500	1	4	60	41	*	-	4	1.2	
	Stormoway ... 80	998.5	-6	WSW	4	bc	46	85	7	8	-	-	-	2-3	10	800	994.3	-16	WS	3	PR	48	85	8	8	2	-	9+	10	800	1	*				2		
15	Dalwhinnie ... 1176		*	*	*	*	*	*	*	*	*	*	*	*	*	998.9	-20	SW	2	C	44	85	7	3	5	-	-	4-6	9	1500	1	*	40	35	*	-	3	5.2
	Aberdeen ... 79		*	*	*	*	*	*	*	*	*	*	*	*	*	997.0	-16	NNW	1	bc	46	85	8	7	3	-	-	2-3	2-3	4000	1	1	68	45	38	-	Tr	6.1
	Wick ... 81	997.5	-16	SW	4	Spr	48	92	7	5	2	-	-	7-8	10	1500	994.8	-14	SW	3	C	45	858															



AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Saturday 14th September 1940.  
No 28,786

OBSERVATIONS at 13h. G.M.T. 13th September														OBSERVATIONS at 18h. G.M.T. 13th September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. ° (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. ° (21)	Visibility. (22)	Cloud.					Barom. at M.S.L. (25)	Change in 3 hours (26)	Wind.		Weather. (29)	Temp. °F. (30)	Humid. ° (31)	Visibility. (32)	Cloud.					Barom. at M.S.L. (35)	Change in 3 hours (36)	Wind.		Weather. (39)	Temp. °F. (40)	Humid. ° (41)	Visibility. (42)	Cloud.					Barom. at M.S.L. (45)	Change in 3 hours (46)	Wind.		Weather. (49)	Temp. °F. (50)	Humid. ° (51)	Visibility. (52)	Cloud.					Barom. at M.S.L. (55)	Change in 3 hours (56)	Wind.		Weather. (59)	Temp. °F. (60)	Humid. ° (61)	Visibility. (62)	Cloud.					Barom. at M.S.L. (65)	Change in 3 hours (66)	Wind.		Weather. (69)	Temp. °F. (70)	Humid. ° (71)	Visibility. (72)	Cloud.					Barom. at M.S.L. (75)	Change in 3 hours (76)	Wind.		Weather. (79)	Temp. °F. (80)	Humid. ° (81)	Visibility. (82)	Cloud.					Barom. at M.S.L. (85)	Change in 3 hours (86)	Wind.		Weather. (89)	Temp. °F. (90)	Humid. ° (91)	Visibility. (92)	Cloud.					Barom. at M.S.L. (95)	Change in 3 hours (96)	Wind.		Weather. (99)	Temp. °F. (100)	Humid. ° (101)	Visibility. (102)	Cloud.					Barom. at M.S.L. (105)	Change in 3 hours (106)	Wind.		Weather. (109)	Temp. °F. (110)	Humid. ° (111)	Visibility. (112)	Cloud.					Barom. at M.S.L. (115)	Change in 3 hours (116)	Wind.		Weather. (119)	Temp. °F. (120)	Humid. ° (121)	Visibility. (122)	Cloud.					Barom. at M.S.L. (125)	Change in 3 hours (126)	Wind.		Weather. (129)	Temp. °F. (130)	Humid. ° (131)	Visibility. (132)	Cloud.					Barom. at M.S.L. (135)	Change in 3 hours (136)	Wind.		Weather. (139)	Temp. °F. (140)	Humid. ° (141)	Visibility. (142)	Cloud.					Barom. at M.S.L. (145)	Change in 3 hours (146)	Wind.		Weather. (149)	Temp. °F. (150)	Humid. ° (151)	Visibility. (152)	Cloud.					Barom. at M.S.L. (155)	Change in 3 hours (156)	Wind.		Weather. (159)	Temp. °F. (160)	Humid. ° (161)	Visibility. (162)	Cloud.					Barom. at M.S.L. (165)	Change in 3 hours (166)	Wind.		Weather. (169)	Temp. °F. (170)	Humid. ° (171)	Visibility. (172)	Cloud.					Barom. at M.S.L. (175)	Change in 3 hours (176)	Wind.		Weather. (179)	Temp. °F. (180)	Humid. ° (181)	Visibility. (182)	Cloud.					Barom. at M.S.L. (185)	Change in 3 hours (186)	Wind.		Weather. (189)	Temp. °F. (190)	Humid. ° (191)	Visibility. (192)	Cloud.					Barom. at M.S.L. (195)	Change in 3 hours (196)	Wind.		Weather. (199)	Temp. °F. (200)	Humid. ° (201)	Visibility. (202)	Cloud.					Barom. at M.S.L. (205)	Change in 3 hours (206)	Wind.		Weather. (209)	Temp. °F. (210)	Humid. ° (211)	Visibility. (212)	Cloud.					Barom. at M.S.L. (215)	Change in 3 hours (216)	Wind.		Weather. (219)	Temp. °F. (220)	Humid. ° (221)	Visibility. (222)	Cloud.					Barom. at M.S.L. (225)	Change in 3 hours (226)	Wind.		Weather. (229)	Temp. °F. (230)	Humid. ° (231)	Visibility. (232)	Cloud.					Barom. at M.S.L. (235)	Change in 3 hours (236)	Wind.		Weather. (239)	Temp. °F. (240)	Humid. ° (241)	Visibility. (242)	Cloud.					Barom. at M.S.L. (245)	Change in 3 hours (246)	Wind.		Weather. (249)	Temp. °F. (250)	Humid. ° (251)	Visibility. (252)	Cloud.					Barom. at M.S.L. (255)	Change in 3 hours (256)	Wind.		Weather. (259)	Temp. °F. (260)	Humid. ° (261)	Visibility. (262)	Cloud.					Barom. at M.S.L. (265)	Change in 3 hours (266)	Wind.		Weather. (269)	Temp. °F. (270)	Humid. ° (271)	Visibility. (272)	Cloud.					Barom. at M.S.L. (275)	Change in 3 hours (276)	Wind.		Weather. (279)	Temp. °F. (280)	Humid. ° (281)	Visibility. (282)	Cloud.					Barom. at M.S.L. (285)	Change in 3 hours (286)	Wind.		Weather. (289)	Temp. °F. (290)	Humid. ° (291)	Visibility. (292)	Cloud.					Barom. at M.S.L. (295)	Change in 3 hours (296)	Wind.		Weather. (299)	Temp. °F. (300)	Humid. ° (301)	Visibility. (302)	Cloud.					Barom. at M.S.L. (305)	Change in 3 hours (306)	Wind.		Weather. (309)	Temp. °F. (310)	Humid. ° (311)	Visibility. (312)	Cloud.					Barom. at M.S.L. (315)	Change in 3 hours (316)	Wind.		Weather. (319)	Temp. °F. (320)	Humid. ° (321)	Visibility. (322)	Cloud.					Barom. at M.S.L. (325)	Change in 3 hours (326)	Wind.		Weather. (329)	Temp. °F. (330)	Humid. ° (331)	Visibility. (332)	Cloud.					Barom. at M.S.L. (335)	Change in 3 hours (336)	Wind.		Weather. (339)	Temp. °F. (340)	Humid. ° (341)	Visibility. (342)	Cloud.					Barom. at M.S.L. (345)	Change in 3 hours (346)	Wind.		Weather. (349)	Temp. °F. (350)	Humid. ° (351)	Visibility. (352)	Cloud.					Barom. at M.S.L. (355)	Change in 3 hours (356)	Wind.		Weather. (359)	Temp. °F. (360)	Humid. ° (361)	Visibility. (362)	Cloud.					Barom. at M.S.L. (365)	Change in 3 hours (366)	Wind.		Weather. (369)	Temp. °F. (370)	Humid. ° (371)	Visibility. (372)	Cloud.					Barom. at M.S.L. (375)	Change in 3 hours (376)	Wind.		Weather. (379)	Temp. °F. (380)	Humid. ° (381)	Visibility. (382)	Cloud.					Barom. at M.S.L. (385)	Change in 3 hours (386)	Wind.		Weather. (389)	Temp. °F. (390)	Humid. ° (391)	Visibility. (392)	Cloud.					Barom. at M.S.L. (395)	Change in 3 hours (396)	Wind.		Weather. (399)	Temp. °F. (400)	Humid. ° (401)	Visibility. (402)	Cloud.					Barom. at M.S.L. (405)	Change in 3 hours (406)	Wind.		Weather. (409)	Temp. °F. (410)	Humid. ° (411)	Visibility. (412)	Cloud.					Barom. at M.S.L. (415)	Change in 3 hours (416)	Wind.		Weather. (419)	Temp. °F. (420)	Humid. ° (421)	Visibility. (422)	Cloud.					Barom. at M.S.L. (425)	Change in 3 hours (426)	Wind.		Weather. (429)	Temp. °F. (430)	Humid. ° (431)	Visibility. (432)	Cloud.					Barom. at M.S.L. (435)	Change in 3 hours (436)	Wind.		Weather. (439)	Temp. °F. (440)	Humid. ° (441)	Visibility. (442)	Cloud.					Barom. at M.S.L. (445)	Change in 3 hours (446)	Wind.		Weather. (449)	Temp. °F. (450)	Humid. ° (451)	Visibility. (452)	Cloud.					Barom. at M.S.L. (455)	Change in 3 hours (456)	Wind.		Weather. (459)	Temp. °F. (460)	Humid. ° (461)	Visibility. (462)	Cloud.					Barom. at M.S.L. (465)	Change in 3 hours (466)	Wind.		Weather. (469)	Temp. °F. (470)	Humid. ° (471)	Visibility. (472)	Cloud.					Barom. at M.S.L. (475)	Change in 3 hours (476)	Wind.		Weather. (479)	Temp. °F. (480)	Humid. ° (481)	Visibility. (482)	Cloud.					Barom. at M.S.L. (485)	Change in 3 hours (486)	Wind.		Weather. (489)	Temp. °F. (490)	Humid. ° (491)	Visibility. (492)	Cloud.					Barom. at M.S.L. (495)	Change in 3 hours (496)	Wind.		Weather. (499)	Temp. °F. (500)	Humid. ° (491)	Visibility. (492)	Cloud.					Barom. at M.S.L. (505)	Change in 3 hours (506)	Wind.		Weather. (509)	Temp. °F. (510)	Humid. ° (511)	Visibility. (512)	Cloud.					Barom. at M.S.L. (515)	Change in 3 hours (516)	Wind.		Weather. (519)	Temp. °F. (520)	Humid. ° (521)	Visibility. (522)	Cloud.					Barom. at M.S.L. (525)	Change in 3 hours (526)	Wind.		Weather. (529)	Temp. °F. (530)	Humid. ° (531)	Visibility. (532)	Cloud.					Barom. at M.S.L. (535)	Change in 3 hours (536)	Wind.		Weather. (539)	Temp. °F. (540)	Humid. ° (541)	Visibility. (542)	Cloud.					Barom. at M.S.L. (545)	Change in 3 hours (546)	Wind.		Weather. (549)	Temp. °F. (550)	Humid. ° (551)	Visibility. (552)	Cloud.					Barom. at M.S.L. (555)	Change in 3 hours (556)	Wind.		Weather. (559)	Temp. °F. (560)	Humid. ° (561)	Visibility. (562)	Cloud.					Barom. at M.S.L. (565)	Change in 3 hours (566)	Wind.		Weather. (569)	Temp. °F. (570)	Humid. ° (571)	Visibility. (572)	Cloud.					Barom. at M.S.L. (575)	Change in 3 hours (576)	Wind.		Weather. (579)	Temp. °F. (580)	Humid. ° (581)	Visibility. (582)	Cloud.					Barom. at M.S.L. (585)	Change in 3 hours (586)	Wind.		Weather. (589)	Temp. °F. (590)	Humid. ° (591)	Visibility. (592)	Cloud.					Barom. at M.S.L. (595)	Change in 3 hours (596)	Wind.		Weather. (599)	Temp. °F. (600)	Humid. ° (591)	Visibility. (592)	Cloud.					Barom. at M.S.L. (605)	Change in 3 hours (606)	Wind.		Weather. (609)	Temp. °F. (610)	Humid. ° (611)	Visibility. (612)	Cloud.					Barom. at M.S.L. (615)	Change in 3 hours (616)	Wind.		Weather. (619)	Temp. °F. (620)	Humid. ° (621)	Visibility. (622)	Cloud.					Barom. at M.S.L. (625)	Change in 3 hours (626)	Wind.		Weather. (629)	Temp. °F. (630)	Humid. ° (631)	Visibility. (632)	Cloud.					Barom. at M.S.L. (635)	Change in 3 hours (636)	Wind.		Weather. (639)	Temp. °F. (640)	Humid. ° (641)	Visibility. (642)	Cloud.					Barom. at M.S.L. (645)	Change in 3 hours (646)	Wind.		Weather. (649)	Temp. °F. (650)	Humid. ° (651)	Visibility. (652)	Cloud.					Barom. at M.S.L. (655)	Change in 3 hours (656)	Wind.		Weather. (659)	Temp. °F. (660)	Humid. ° (661)	Visibility. (662)	Cloud.					Barom. at M.S.L. (665)	Change in 3 hours (666)	Wind.		Weather. (669)	Temp. °F. (670)	Humid. ° (671)	Visibility. (672)	Cloud.					Barom. at M.S.L. (675)	Change in 3 hours (676)	Wind.		Weather. (679)	Temp. °F. (680)	Humid. ° (681)	Visibility. (682)	Cloud.					Barom. at M.S.L. (685)	Change in 3 hours (686)	Wind.		Weather. (689)	Temp. °F. (690)	Humid. ° (691)	Visibility. (692)	Cloud.					Barom. at M.S.L. (695)	Change in 3 hours (696)	Wind.		Weather. (699)	Temp. °F. (700)	Humid. ° (691)	Visibility. (692)	Cloud.					Barom. at M.S.L. (705)	Change in 3 hours (706)	Wind.		Weather. (709)	Temp. °F. (710)	Humid. ° (711)	Visibility. (712)	Cloud.					Barom. at M.S.L. (715)	Change in 3 hours (716)	Wind.		Weather. (719)	Temp. °F. (720)	Humid. ° (721)	Visibility. (722)	Cloud.					Barom. at M.S.L. (725)	Change in 3 hours (726)	Wind.		Weather. (729)	Temp. °F. (730)	Humid. ° (731)	Visibility. (732)	Cloud.					Barom. at M.S.L. (735)	Change in 3 hours (736)	Wind.		Weather. (739)	Temp. °F. (740)	Humid. ° (741)	Visibility. (742)	Cloud.					Barom. at M.S.L. (745)	Change in 3 hours (746)	Wind.		Weather. (749)	Temp. °F. (750)	Humid. ° (751)	Visibility. (752)	Cloud.					Barom. at M.S.L. (755)	Change in 3 hours (756)	Wind.		Weather. (759)	Temp. °F. (760)	Humid. ° (761)	Visibility. (762)	Cloud.					Barom. at M.S.L. (765)	Change in 3 hours (766)	Wind.		Weather. (769)	Temp. °F. (770)	Humid. ° (771)	Visibility. (772)	Cloud.					Barom. at M.S.L. (775)	Change in 3 hours (776)	Wind.		Weather. (779)	Temp. °F. (780)	Humid. ° (781)	Visibility. (782)	Cloud.					Barom. at M.S.L. (785)	Change in 3 hours (786)	Wind.		Weather. (789)	Temp. °F. (790)	Humid. ° (791)	Visibility. (792)	Cloud.					Barom. at M.S.L. (795)	Change in 3 hours (796)	Wind.		Weather. (799)	Temp. °F. (800)	Humid. ° (791)	Visibility. (792)	Cloud.					Barom. at M.S.L. (805)	Change in 3 hours (806)	Wind.		Weather. (809)	Temp. °F. (810)	Humid. ° (811)	Visibility. (812)	Cloud.					Barom. at M.S.L. (815)	Change in 3 hours (816)	Wind.		Weather. (819)	Temp. °F. (820)	Humid. ° (821)	Visibility. (822)	Cloud.					Barom. at M.S.L. (825)	Change in 3 hours (826)	Wind.		Weather. (829)	Temp. °F. (830)	Humid. ° (831)	Visibility. (832)	Cloud.					Barom. at M.S.L. (835)	Change in 3 hours (836)	Wind.		Weather. (839)	Temp. °F. (840)	Humid. ° (841)	Visibility. (842)	Cloud.					Barom. at M.S.L. (845)	Change in 3 hours (846)	Wind.		Weather. (849)	Temp. °F. (850)	Humid. ° (851)	Visibility. (852)	Cloud.					Barom. at M.S.L. (855)	Change in 3 hours (856)	Wind.		Weather. (859)	Temp. °F. (860)	Humid. ° (861)	Visibility. (862)	Cloud.					Barom. at M.S.L. (865)	Change in 3 hours (866)	Wind.		Weather. (869)	Temp. °F. (870)	Humid. ° (871)	Visibility. (872)	Cloud.					Barom. at M.S.L. (875)	Change in 3 hours (876)	Wind.		Weather. (879)	Temp. °F. (880)	Humid. ° (881)	Visibility. (882)	Cloud.					Barom. at M.S.L. (885)	Change in 3 hours (886)	Wind.		Weather. (889)	Temp. °F. (890)	Humid. ° (891)	Visibility. (892)	Cloud.					Barom. at M.S.L. (895)	Change in 3 hours (896)	Wind.	



Abridged observations of additional stations in the AVIATION WEATHER CODE															
13h. G.M.T. 13th September				15h. G.M.T.				01h. G.M.T. 14th September				07h. G.M.T.			
IIIC	C <sub>1</sub>	wwVhN <sub>1</sub>	DDFWN	C <sub>2</sub>	C <sub>3</sub>	wwVhN <sub>2</sub>	DDFWN	C <sub>4</sub>	C <sub>5</sub>	wwVhN <sub>3</sub>	DDFWN	C <sub>6</sub>	C <sub>7</sub>	wwVhN <sub>4</sub>	DDFWN
109	07	02055	20487	36		26283	02848	5-	02866	00086	20	25066		28186	
115	87	82944	24485	87		82834	20485	87	02734	28486	52	02844		28327	
203															
206	74	01964	22214					5-	25845	23285					
210	86	01953	22414					86	25855	20386	5-	01954		25324	
220	93	81844	28385								83	02844		28327	
230															
245	07	25054	20385								80	01964		24314	
260	50	01834	24415	86		01963	24314	53	08674	24214	53	01773		22213	
273	38	25844	25587					36	81745	50686					
279															
285	8-	81737	24657								26	01744		30515	
288	87	02855	23387	87		01854	22485	50	01865	18215	50	00751		24411	
273	36	17503	20885								38	01763		30416	
301	8-	25646	03586	0+		81845	01685	23	02755	50686					
321	30	01754	24424	50		81657	24427	57	22663	24365	07	01600		26383	
290	87	01744	24510	87		25753	23384	5-	07754	24314					
298	87	25755	22586	86		01954	23384	53	01852	22313	75	01861		22213	
310	--	01634	24514	--		45626	24596								
316	50	25644	20484	36		25744	56585	8-	01654	50384	8-	02645		24267	
333	26	25855	50686	26		01854	61625	5-	61757	28567					
334	--	25846	58687								--	81646		24287	
340	87	25855	22486	8-		02255	50585	50	02855	24415					
136	87	82646	26588	26		01852	23593	5-	02876	24116	5-	02776		22586	
336	--	02852	24516												
350	87	81845	23486	40		02864	56484				57	02854		20327	
368															
370	5-	02857	22827	20		01853	24414				5-	02847		24327	
390				50		01753	23485				53	05663		22417	
382	87	81845	25527	40		01853	50583				57	02754		23326	
438	8-	64528	57768								--	02857		22517	
430	87	81744	24487	80		01853	61583	5-	00761	24311	59	02762		26425	
409	54	01741	58564	03		05790	61415								

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<sub>h</sub>

= Height and amount of low cloud—See M.O. 252.

N

= Total amount of cloud—See M.O. 252.

C<sub>1</sub>, C<sub>2</sub>

= Form of low and medium cloud—See page 1.

V

= Visibility.

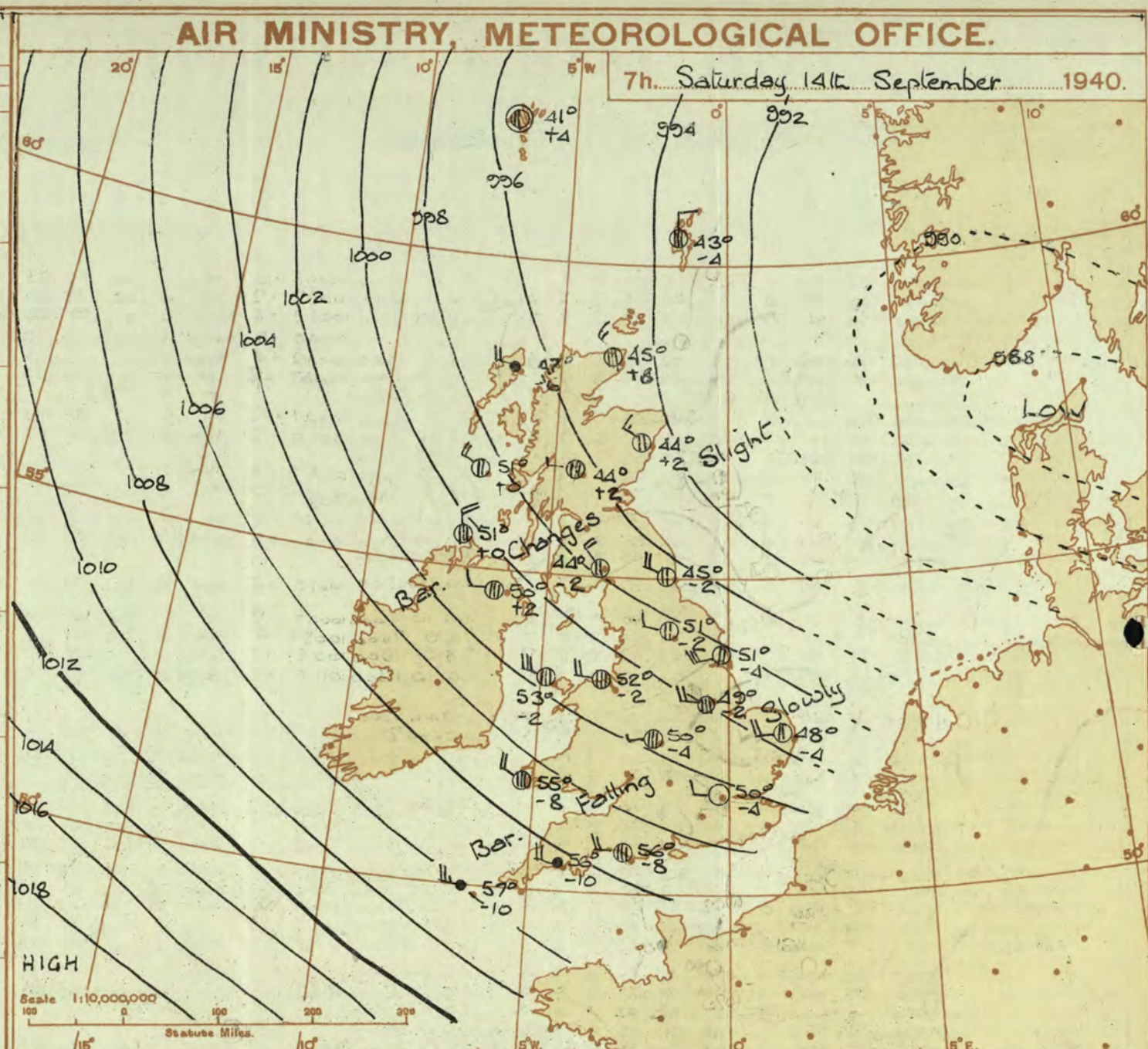
F

= Force of wind—See page 4.

DD

= Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

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<sub>1</sub> - Height and amount of low cloud—See M.O. 252.  
 N - Total amount of cloud—See M.O. 252.  
 C, C<sub>1</sub> - 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. 14th September 1940.
1 S.E. England	
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	showers with local hail and thunder, bright intervals; rather cool.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scotland.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

**GENERAL INFERENCE.**

A deep depression centred near Denmark is moving southeast. Cool northwest winds will continue with squally showers and local thunder, but bright intervals especially at night.

**FURTHER OUTLOOK.**

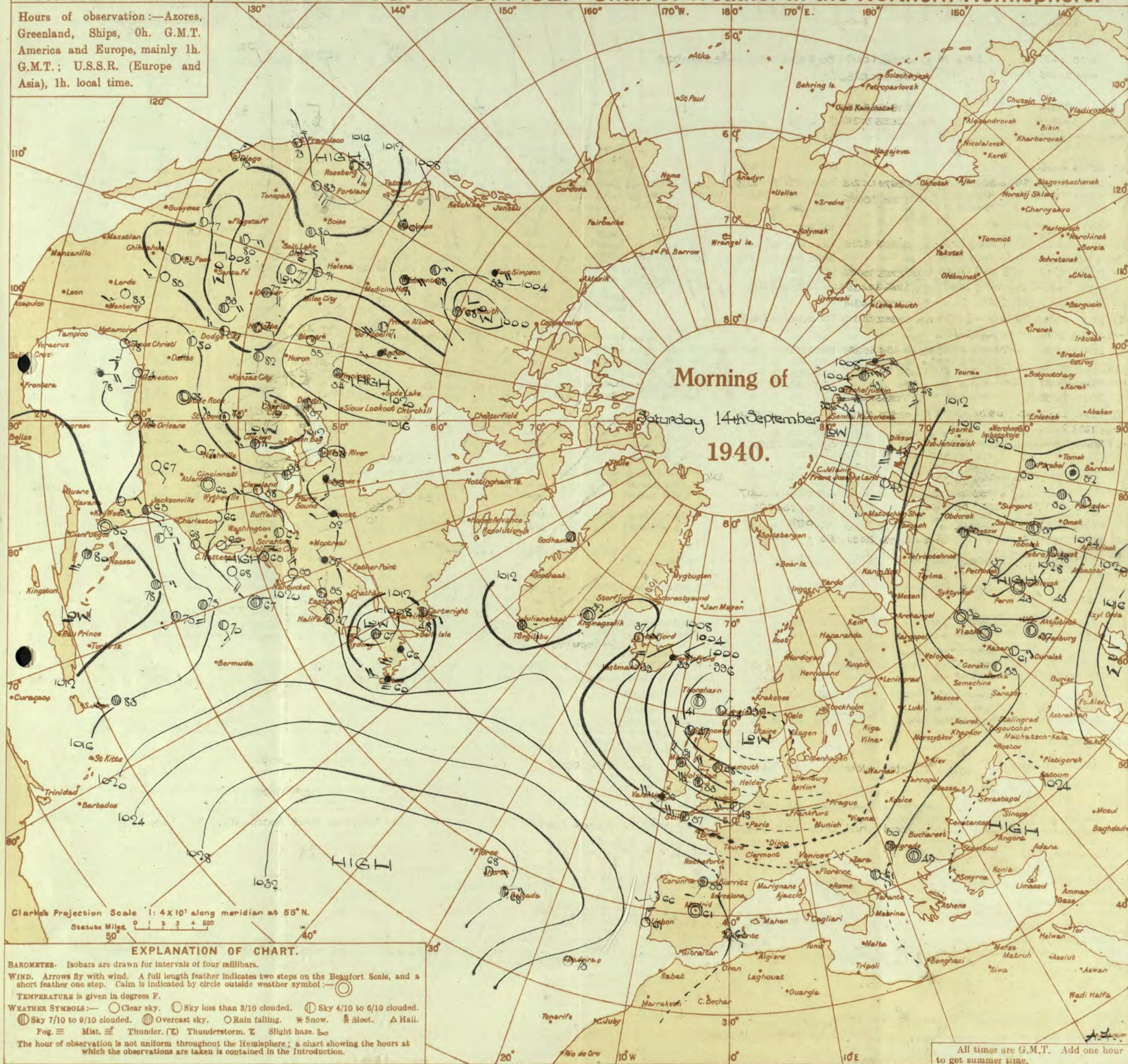
Unsettled with winds from some westerly point.

Forecasts issued at 10.30 G.M.T.  
 H.M.S.O. Press, Cornwall House, S.E.1.  
 N. K. JOHNSON, D.Sc., A.R.C.S.,  
 Director.



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Saturday 14th September 1940.  
 No. 25,786

OBSERVATIONS at 1 hr. G.M.T. 14th September														OBSERVATIONS at 7 hr. G.M.T. 14th September														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Vis. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Vis. (22)	Cloud.					Sea. (29)	TEMPERATURE.		RAINFALL.		SUNSHINE 13h. Hrs. (36)			
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Direc. (17)	Force. (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (25)	Max. Day 7h-13h °F. (31)	Min. Night 13h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-13h mm. (34)		Night 13h-7h mm. (35)							
																															Low. (12)	Med. (13)	High (14)		Low 0-10 (12)	Total 0-10 (13)	Height (feet) (14)
1	London (Kew) ... 18	*	*	*	*	*	*	*	*	*	*	*	*	1002.3	-1.4	SWW	3	C	51	75	8	5	7	8	2-3	9+	2500	1	*	65	49	40	5	-	3.1		
	Croydon ... 217	*	*	*	*	*	*	*	*	*	*	*	*	1003.3	-1.4	W	2	C	50	75	7	-	7	-	0	9+	-	0	*	67	47	40	3	-	3.2		
	S. Farnborough ... 226	*	*	*	*	*	*	*	*	*	*	*	*	1003.2	-1.6	WSW	3	C	45	75	8	5	4	2-3	9+	4500	1	*	68	45	38	5	-	2.8			
	Boscombe Down ... 417	1006.0	-1.0	WN	3	bc	49	75	7	8	4	-	2-3	2-3	3000	1003.7	-3	WS	3	C	49	85	8	5	7	-	4-6	7-8	4000	0	*	65	46	40	14	-	2.9
	Calshot (Stmnt.) ... 8	1006.6	-1.4	WN	3	c	52	75	7	5	-	-	9	9	4000	1004.2	-3	W	3	C	53	75	8	5	3	6	4-6	9	3500	1	2	64	51	47	-	-	2.8
	Lympe ... 346	1003.7	-2	WN	3	b	48	75	8	-	-	-	0	0	-	1004.3	-12	WSW	2	C	48	75	8	5	3	-	7-8	9+	5500	1	4	64	46	40	7	-	2.3
	Manston ... 164	*	*	*	*	*	*	*	*	*	*	*	*	1002.8	-6	WS	3	C	52	75	8	-	4	2	0	9+	-	1	*	69	49	43	4	-	2.1		
2	Shoeburyness ... 11	1002.8	0	WN	4	b	51	75	8	-	-	-	0	0	-	1000.6	-1.4	WS	4	C	49	75	7	5	7	-	1	9+	7000	1	2	65	47	43	6	-	1.3
	Felixstowe ... 15	1000.8	+2	WN	4	bc	49	65	7	2	-	-	2-3	2-3	1500	999.2	-4	W	4	bc	48	85	7	-	4	-	0	4-6	-	0	2	67	47	43	1	-	2.4
	Gorleston ... 5	1001.8	-1.0	WSW	4	bc	47	75	8	-	-	-	0	2-3	-	999.6	-1.0	WSW	5	C	50	75	8	3	2	2-3	7-8	4500	0	*	68	46	42	1	Tr	3.4	
	Mildenhall ... 19	1001.8	-1.0	WN	4	c	46	85	7	8	-	-	7-8	7-8	2500	999.2	-2	W	4	C	49	92	7	8	6	-	7-8	9	1800	1	*	62	46	44	3	0.5	3.8
	Cranwell ... 240	1000.8	-2	WN	4	c	46	85	7	8	-	-	7-8	7-8	2500	999.2	-2	W	4	C	49	92	7	8	6	-	7-8	9	1800	1	*	62	46	44	3	0.5	3.8
3	Birmingham ... 535	*	*	*	*	*	*	*	*	*	*	*	*	1001.6	-4	WSW	2	C	50	75	7	5	7	-	4-6	9	2300	1	*	63	47	43	1	-	3.8		
	Upper Heyford ... 408	*	*	*	*	*	*	*	*	*	*	*	*	1002.4	-1.0	WSW	3	C	50	75	8	5	7	2	7-8	9	1600	1	*	63	43	37	1	-	*		
4	Ross-on-Wye ... 223	*	*	*	*	*	*	*	*	*	*	*	*	1002.4	-1.0	WSW	3	C	50	75	8	5	7	2	7-8	9	1600	1	*	63	43	37	1	-	*		
5	Hartland Point ... 299	1008.0	-8	WN	5	c	56	75	8	8	6	-	7-8	9+	1500	1004.8	-12	W	4	C	56	75	8	3	2	-	7-8	10	2000	1	4	61	55	53	0.3	-	5.3
	Bristol ... 209	1006.2	-1.0	WN	4	bc	50	75	8	5	4	6	Tr	4-6	5700	1004.1	-1.0	W	4	C	52	75	8	5	3	6	4-6	9	5700	1	4	63	55	*	3	-	*
	Portland Bill ... 32	1007.3	-1.0	WN	4	c	53	85	8	5	-	-	10	10	4000	1005.5	-8	W	4	C	56	92	7	5	7	-	0	4-6	-	1	4	63	55	*	3	-	*
	Plymouth ... 82	1009.0	-1.0	WN	4	c	56	75	7	5	-	-	9	9	7000	1006.2	-1.0	WN	4	pr	56	75	6	8	1	7	7-8	10	1800	0	2	65	55	52	1	Tr	5.4
	The Lizard ... 240	1010.3	-1.0	WN	4	c	57	85	8	3	-	-	7-8	7-8	2500	1007.4	-1.0	WN	5	c	57	92	8	3	2	-	9	10	1500	0	4	62	56	*	2	-	3.9
	Scilly (St. Mary's) ... 163	1011.1	-1.0	WN	5	c	57	75	7	3	3	3	2-3	7-8	1600	1008.0	-1.0	WN	5	c	57	85	7	5	3	-	10	10	1200	1	3	63	56	*	0.4	-	2.7
	Guernsey ... 175	*	*	*	*	*	*	*	*	*	*	*	*	1008.0	-1.0	WN	5	c	57	85	7	5	3	-	10	10	1200	1	3	63	56	*	0.4	-	2.7		
6	Pembroke ... 142	1007.5	-4	WN	4	cq	55	75	7	8	2	-	7-8	10	2200	1004.5	-8	WN	4	cq	55	75	7	8	7	-	4-6	9+	2000	1	3	62	52	*	2	0.1	6.6
7	Holyhead ... 28	1003.0	-1.4	WN	7	pr	53	85	8	9	-	-	10	10	1800	1001.5	-2	WN	6	pr	53	85	7	9	3	-	9+	9+	1200	1	4	62	51	50	2	2	6.7
	Chester (Sealand) ... 16	1001.2	-1.4	WN	5	pr	51	85	7	8	-	-	7-8	7-8	1500	1000.3	-2	WN	4	pr	52	85	8	9	4	-	9	9+	1600	1	*	61	50	47	3	3	4.2
8	Manchester ... 70	1000.2	-1.6	WN	5	pr	60	92	7	8	6	-	4-6	7-8	2200	999.4	-2	WN	4	pr	51	75	6	8	9	-	4-6	9+	2100	1	*	61	49	44	6	1	4.6
10	Spurn Head ... 29	997.8	0	SWW	6	cq	60	92	6	5	-	-	9	9	2500	996.3	-4	WS	6	bcq	51	85	6	-	5	0	2-3	-	0	4	60	48	*	3	0.4	1.5	
	Catterick ... 175	997.7	-1.0	WN	4	bc	45	85	8	5	3	-	1	2-3	6000	997.4	-2	WN	2	bc	51	75	8	5	-	-	4-6	4-6	2200	0	*	60	43	37	3	-	7.0
	Tynemouth ... 108	997.0	-0.6	WN	4	bc	48	85	7	2	-	-	4-6	4-6	3400	996.9	-2	WN	4	bc	45	85	7	2	4	-	2-3	2-3	3400	0	1	57	45	42	1	-	*
11	St. Abbs Head ... 280	994.7	-1.2	WN	4	bc	47	85	8	2	4	-	Tr	2-3	2500	994.7	+2	WN	4	bc	48	85	8	4	4	-	2-3	2-3	2500	0	2	55	46	*	-	-	*
	Leuchars ... 36	995.2	0	-	0	bc	44	85	9	4	6	-	1	2-3	4000	995.3	+2	SN	2	b	43	85	9	5	4	-	Tr	1	4500	1	*	58	38	39	3	-	6.1
12	Renfrew (Abbots I.) ... 19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	996.8	-2	WN	4	bc	44	75	8	5	4	-	2-3	2-3	1500	1	*	53	41	38	7	-	6.3
	Eskdalemuir ... 794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	996.8	-2	WN	4	bc	44	75	8	5	4	-	2-3	2-3	1500	1	*	53	41	38	7	-	6.3
	Point of Ayre ... 30	999.5	-8	WN	6	c	52	85	8	9	-	-	9+	9+	1500	998.1	0	WN	4	bc	51	85	8	8	3	-	2-3	4-6	1800	0	4	57	49	*	2	5.5	
13A	Tiree ... 22	995.6	-1.4	WN	3	bcpr	47	85	8	5	-	-	2-3	2-3	1500	995.3	-6	WN	4	bc	47	97	6	5	2	-	7-8	10	600	1	2	54	42	*	4	4.9	
13B	Stornoway ... 80	995.6	-1.4	WN	3	bcpr	47	85	8	5	-	-	2-3	2-3	1500	995.3	-6	WN	4	bc	47	97	6	5	2	-	7-8	10	600	1	2	54	42	*	4	4.9	
15	Dalwhinnie ... 1170	*	*	*	*	*	*	*	*	*	*	*	*	*	*	997.1	+2	W	1	c	44	75	7	5	4	-	7-8	9	2500	1	*	40	32	*	0.1	5.1	
	Aberdeen ... 79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	994.2	+2	WN	3	bc	44	85	8	5	-	-	2-3	2-3	4000	1	1	56	34	30	*	-	4.1
	Wick ... 81	993.5	-2	W	2	bc	41	85	8	7	6	-	2-3	4-6	2500	994.4	+8	WN	3	pr	45	85	8	5	6	8	4-6	7-8	1500	1	1	54	39	*	2	Tr	*
16	Lerwick ... 166	994.0	+4	NE	1	bc	44	92	8	5	-	-	2-3	4-6	2500	993.7	-4	W	2	C	43	97	8	5	7	-	2-3	9	1500	1	*	53	42	*	-	-	6.1
17	Blacksod Point ... 18	1006.6	-4	WN	4	c	51	85	7	9	-	-	10	10	1600	1000.0	0	WN	4	C	51	85	8	2	6	-	2-3	7-8	5700	0	5	57	48	*	4	1	4.2
18	Malin Head ... 84	1001.0	+4	WN	4	pr	51	85	7	9	-	4	4-6	7-8	2500	1000.0	0	WN	4	C	51	85	8	2	6	-	2-3	7-8	5700	0	5	57	48	*	4	1	4.2
	Aldergrove ... 268	1001.5	-2	WS	4	c	49	85	8	3	-	-	7-8	7-8	2500	1000.6	+2	W	2	C	50	85	8	5	4	-	4-6	9	1600	1	*	55	48	45	1	Tr	3.3
19	Birr Castle ... 173																																				



# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Sunday 15th September 1940.  
No. 28787

OBSERVATIONS at 13h. G.M.T. 14th September.														OBSERVATIONS at 18h. G.M.T. 14th September.														PAST 24 HOURS.												
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	° Humid.	Visibility.	Cloud.					Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	° Humid.	Visibility.	Cloud.					State of Ground.	Sea.	WEATHER.										
				Dirce.	Force.					Low.	Med.	High.	Low.	Total.			Height of Base (feet).	Dirce.					Force.	Low.	Med.	High.	Low.			Total.	Height of Base (feet).	Form.	Amount.	Height of Base (feet).	7h.—13h. 14th....	13h.—18h. 14th....	18h.—14h. 15th.	14h. to 15th.		
																																							(1)	(2)
1	London (Kew) ...	1007.0	-12	W	4	C	60	SS	8	8	-	9	9	2500	998.6	-10	W	2	C	57	65	7	8	-	9	9	2500	1	*	CWCV	cycprc	cbrnsw	cprc	cbrnsw						
	Croydon ...	1001.0	-14	NW	2	C	61	SS	7	2	-	9	9	1600																ad.	cprc	cprc	cbrnsw	cbrnsw						
	S. Farnborough	1001.2	-14	WN	3	C	59	SS	8	3	-	7	7	2500	999.0	-8	WN	1	C	57	65	8	8	7	9	10	2500	1	*	cprc	beyc	cprc	cbrnsw	cbrnsw						
	Boscombe Down	1001.5	-14	W	4	C	61	SS	8	2	7	4	4	4000	999.0	-10	W	3	C	55	75	8	2	7	8	9	3500	0	*	bc	beyc	cprc	cbrnsw	cbrnsw						
	Calshot (Soton.)	1002.1	-10	NW	4	C	60	SS	8	2	3	-	7	7	3500															bc	beyc	cprc	cbrnsw	cbrnsw						
	Lymington	1002.4	-14	W	3	C	59	SS	8	2	2	-	7	7	2500	1000.2	-10	W	1	C	56	65	8	8	6	7	7	3000	0	4	bc	beyc	cprc	cbrnsw	cbrnsw					
	Manston	*	-	W	3	C	59	SS	8	2	6	*	7	7	3500															bc	beyc	cprc	cbrnsw	cbrnsw						
2	Shoeburyness ...	1001.0	-12	W	3	C	63	45	7	8	-	7	7	4000	999.1	-10	WSW	3	C	58	65	6	4	4	2	4	4000	0	*	cay	cycm	cprc	cbrnsw	cbrnsw						
	Felixstowe ...	999.4	-8	W	4	C	60	SS	7	2	6	-	4	4	3000	997.2	-14	WS	3	C	60	65	8	5	-	4	4	6000	0	2	bc	cycm	cprc	cbrnsw	cbrnsw					
	Gorleston ...	998.0	-4	NW	4	C	58	65	7	8	-	7	7	2400	997.2	-6	NW	2	C	54	75	7	8	-	-	7	7	2600	1	2	bc	cycm	cprc	cbrnsw	cbrnsw					
	Mildenhall ...	998.6	-6	WNW	5	C	62	SS	8	7	-	4	4	3000	997.0	-10	WNW	2	C	57	65	8	4	6	1	2	3	3000	0	*	cprc	beyc	cprc	cbrnsw	cbrnsw					
	Cranwell ...	998.4	-6	W	4	C	59	SS	7	8	-	4	4	1500	996.8	-12	W	4	C	56	65	7	8	-	-	7	7	1500	0	*	bc	beyc	cprc	cbrnsw	cbrnsw					
3	Birmingham ...	999.5	-10	NW	3	C	58	45	8	8	-	7	7	2500	998.7	-12	NW	2	C	54	65	8	8	7	-	2	3	2500	1	*	bc	cprc	cprc	cbrnsw	cbrnsw					
	Upper Heyford	1000.6	-10	W	3	C	59	SS	8	6	8	8	8	1800	998.6	-12	W	3	C	54	75	9	4	6	2	4	7	2000	1	*	cprc	cprc	cprc	cbrnsw	cbrnsw					
4	Ross-on-Wye ...	1001.3	-10	W	3	C	57	65	9	8	-	7	7	2500	999.1	-6	WS	3	C	55	65	8	5	7	-	2	3	2500	0	*	bc	cprc	cprc	cbrnsw	cbrnsw					
5	Hartland Point	1003.3	-12	WNW	4	C	58	75	8	8	5	5	4	7	2000	1000.0	-20	WNW	4	C	57	85	8	6	2	-	7	10	2000	0	3	cp	c	cprc	cbrnsw					
	Bristol ...	1002.0	-18	WSW	3	C	61	65	8	8	6	3	4	7	3200	999.8	-10	W	1	C	55	65	8	7	3	6	1	3	4000	0	1	r	c	cprc	cbrnsw					
	Portland Bill ...	1001.8	-12	W	4	C	60	65	8	8	4	-	-	-	-	1001.1	-16	NW	3	C	58	85	8	5	-	-	10	10	1400	0	4	c	c	cprc	cbrnsw					
	Plymouth ...	1004.0	-14	NW	4	C	61	65	8	8	2	-	10	10	2000	1001.1	-16	NW	3	C	58	85	8	5	-	-	10	10	1400	0	2	cprc	cprc	cprc	cbrnsw					
	The Lizard ...	1005.2	-12	W	4	C	58	32	8	8	2	-	10	10	1600	1001.9	-20	NW	4	C	57	85	8	5	-	-	10	10	1000	1	3	cprc	cprc	cprc	cbrnsw					
	Scilly (St. Mary's)	1005.5	-18	WS	3	d.d.	58	97	6	5	-	-	10	10	600	1002.1	-12	WN	5	C	59	97	7	5	2	-	4	10	800	1	3	r.d.o	cidac	cprc	cbrnsw					
	Guernsey ...																																							
6	Pembroke ...	1002.3	-8	WNW	5	C	58	75	8	8	7	-	7	7	1500	999.6	-6	W	3	C	57	85	8	8	-	-	9	9	1500	0	3	cq	cq	cprc	cbrnsw					
7	Holyhead ...	1000.1	-10	W	4	C	58	65	8	8	3	5	4	7	2500	997.3	-10	W	3	C	54	85	8	9	2	-	7	10	1200	1	2	bc	cprc	cprc	cbrnsw					
	Chester (Sealand)	999.7	-6	WNW	4	C	58	65	8	2	-	-	7	7	2600	997.1	-16	W	3	C	56	65	8	8	7	-	7	10	2500	1	*	cprc	cprc	cprc	cbrnsw					
8	Manchester ...	999.1	-2	WN	4	C	55	75	7	8	6	-	4	4	1500	996.9	-14	WS	3	C	53	85	7	8	-	-	7	7	2500	0	*	pr.q.pr	cprc	cprc	cbrnsw					
10	Spurn Head ...	996.6	0	W	5	C	60	55	7	2	-	-	4	4	4000	995.3	-4	WS	5	C	55	75	6	4	6	9	7	8	4000	0	3	bc	cprc	cprc	cbrnsw					
	Catterick ...	996.9	-6	WN	3	C	59	55	8	8	-	-	7	7	2800	995.2	-6	W	2	C	54	75	8	4	6	-	4	9	3500	0	1	bc	cprc	cprc	cbrnsw					
	Tynemouth ...	996.1	-4	NW	4	C	56	55	8	8	-	-	7	7	3800	994.6	-6	W	3	C	54	85	6	8	-	-	7	7	3200	1	1	bc	cprc	cprc	cbrnsw					
11	St. Abbs Head	994.5	-6	NW	3	C	55	75	9	3	3	-	4	4	2500	993.5	+6	NW	1	C	50	85	9	4	5	-	4	9	2500	0	2	bc	cprc	cprc	cbrnsw					
	Leuchars ...	993.8	-14	W	4	C	57	55	8	8	4	-	3	3	2500	993.1	+2	N	1	C	53	85	8	4	5	-	4	9	2500	1	*	bweypr	cprc	cprc	cbrnsw					
12	Reufrew (Abbots)	996.3	-12	WNW	4	C	57	75	8	8	4	-	3	3	2000	994.6	-10	WN	3	C	52	75	9	8	3	-	4	7	3000	1	*	bc	cprc	cprc	cbrnsw					
	Eske Dalemuir	995.3	-8	NW	4	C	56	65	8	8	4	-	4	4	2500	994.0	-8	W	1	C	50	75	8	8	4	2	4	7	2500	1	*	bc	cprc	cprc	cbrnsw					
	Point of Ayr	998.7	-6	NW	4	C	59	85	8	8	4	-	4	4	2500	996.4	-10	NW	1	C	54	85	8	8	4	9	2	3	2500	1	2	bc	cprc	cprc	cbrnsw					
13A	Tiree ...	997.3	-2	WN	4	C	53	85	8	8	-	-	4	4	1500	996.5	-2	NW	4	C	51	85	8	8	-	-	9	9	1500	0	4	bc	cprc	cprc	cbrnsw					
13B	Stornoway ...	995.3	0	NW	4	C	50	85	8	8	5	-	7	7	1200	995.6	+6	NW	3	C	49	75	8	8	5	-	7	8	800	1	3	cprc	cprc	cprc	cbrnsw					
15	Dalwhinnie ...	995.3	-6	SW	1	C	51	75	7	8	-	-	3	3	2500	994.4	-2	NW	3	C	47	75	7	8	4	-	7	8	2500	0	*	bc	cprc	cprc	cbrnsw					
	Aberdeen ...	993.8	-8	WNW	3	C	53	55	8	7	-	-	4	4	4000	993.1	-2	NW	1	C	31	75	8	8	-	-	7	8	2500	1	1	bc	cprc	cprc	cbrnsw					
	Wick ...	993.4	-8	NW	3	C	52	65	8	8	4	1	4	4	2500	993.1	+4	NW	4	C	49	75	8	2	6	1	2	3	4	2500	1	2	cprc	cprc	cprc	cbrnsw				
16	Lerwick ...	992.4	-10	NNE	3	C	53	75	8	8	3	-	4	4	1500	991.7	+2	NW	4	C	49	85	8	8	7	-	7	8	1500	1	*	bc	cprc	cprc	cbrnsw					
17	Blackod Point ...	1002.7	-10	WNW	3	C	56	75	8	9	-	-	10	10	1500	1001.1	-6	NW	4	C	52	75	7	6	-	-	10	10	800	1	3	c	id	c	cbrnsw					
18	Malin Head ...	999.2	-6	NW	4	C	53	85	8	2	-	2	4	7	5700	997.3	-10	NW	4	C	52	75	8	8	-	-	7	8	5700	0	4	cprc	cprc	cprc	cbrnsw					
	Aldergrove ...	998.8	-14	W	3	C	57	65	9	3	3	-	4	4	2000	997.0	-10	NW	3	C	53	75	8	5																



Abridged observations of additional stations in the AVIATION WEATHER CODE												
13h. G.M.T. 14th September 1940				01h. G.M.T. 15th September 1940				07h. G.M.T. 15th September 1940				
III	C <sub>1</sub>	wwVhN <sub>1</sub>	DDFWN <sub>1</sub>	C <sub>2</sub>	wwVhN <sub>2</sub>	DDFWN <sub>2</sub>	C <sub>3</sub>	wwVhN <sub>3</sub>	DDFWN <sub>3</sub>	C <sub>4</sub>	wwVhN <sub>4</sub>	DDFWN <sub>4</sub>
109	20	01364	30314	10	01963	30483	8-	25855	25316	52	02754	22668
115	87	02944	28329	87	02944	32385				87	81844	32585
203												
206				5-	02966	22286	45	01963	24215	53	02954	24225
210							86	01954	27324	8-	25847	59587
220	53	02853	29416							93	81846	29387
230												
245	8-	81847	20327	36	25954	27285	50	00962	31282	83	02954	29326
260	20	01954	24314	83	02964	24316	40	00863	00003	53	01962	24215
277				34	10853	27487				97	01854	29485
279	--	01745	24315							--	02765	24325
285	2-	81847	30587	2-	81747	24587						
288	87	02854	35859	86	02855	20285	53	02764	22217	54	01864	24314
273	88	10753	30417									
301				9-	81846	28386	20	25864	28384	30	01763	29383
321	80	01754	26414	57	81657	26327	03	05520	24214	07	05690	26312
299				8-	02755	24215	57	01744	23215	50	05644	25314
292	70	01855	24415	86	02954	25285	44	01963	24113	04	01850	28213
310												
316	8-	02744	26384	83	02747	26325	50	05564	22164	50	05874	22214
339				57	81956	28428	8-	01754	28324	2-	01953	28413
334	--	02855	26427	--	61746	22228						
340	80	25944	27484	8-	25956	28386	8-	81746	22286	80	25954	24284
136	93	81756	24587	86	01753	22283	04	05690	22224	54	05641	26311
336	--	81742	28586	--	03854	28418						
350	83	02864	20424	83	02866	18327						
368	87	02954	24516	57	02944	24388	57	22343	30186	87	01754	29314
379	8-	02855	28365				6-	22648	24168	50	01884	26214
390	73	01754	25414	53	02754	24315	57	62653	24268	50	05693	26213
382	87	25855	24327				62	62645	00068	84	01862	24212
438	--	02855	28516							50	01763	30313
430	23	01854	26414	87	02763	24317	52	62654	24168	10	00851	28301
409	57	81846	26468	57	61834	24287	5-	22836	26366	83	02945	30587

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<sub>h</sub>

=

Height and amount of low cloud—See M.O. 252.

N

=

Total amount of cloud—See M.O. 252.

C<sub>1</sub>, C<sub>2</sub>, M

=

Form of low and medium cloud—See page 1.

V

=

Visibility.

F

=

Force of wind—See page 4.

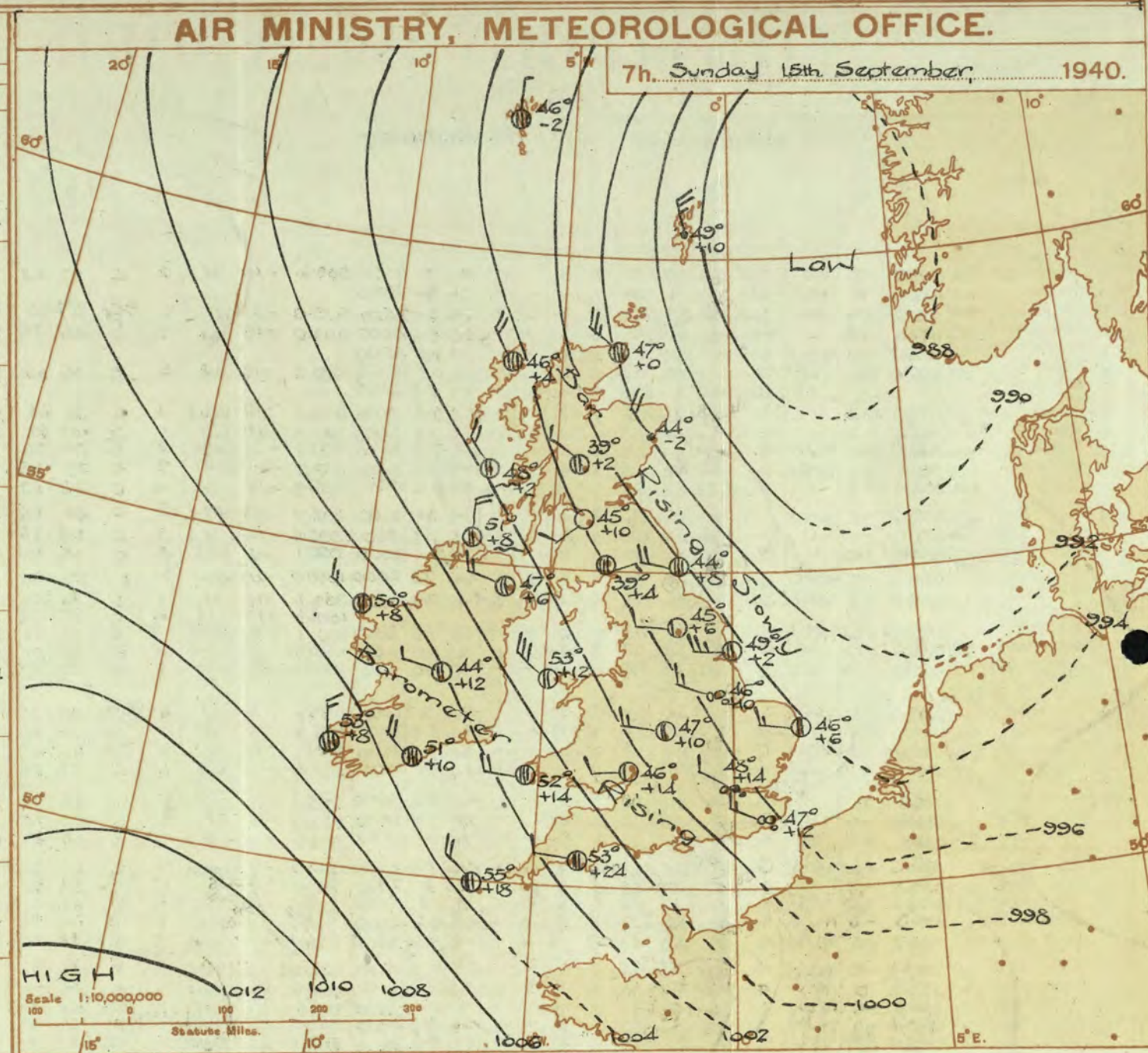
DD

=

Direction of wind (S = E; E = 10 = S, S = 20 = W, W = 30 = N).

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<sub>1</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C<sub>1</sub>, C<sub>2</sub> = 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. 15th September 1940.
1 S.E. England	Light or moderate W to NW wind; occasional showers during day, heavy at times, with thunder locally, bright intervals, especially at night; rather cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light or moderate NW wind, backing W; bright intervals and occasional showers today, cloudy with some rain tomorrow; average temperature.
6 South Wales ...	
7 North Wales ...	As 1-4
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Moderate or fresh NW to N wind, decreasing later; cloudy, frequent showers of rain and hail with thunder locally; cool.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland. B.N.W. Scotland.	
14 Mid Scotland	
15 N. E. Scotland	As 5-6
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	As 5-6
20 S. W. Ireland	



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

#### GENERAL INFERENCE.

A deep and complex depression is centred over the Northern and Eastern North Sea and secondary troughs of low pressure will travel southwards over the British Isles. Another disturbance centred to SW of Iceland is likely to move E or SE.

Weather will continue unsettled generally with bright intervals, showers and local thunder. More general rain is probable later in the West.

#### FURTHER OUTLOOK.

Unsettled, with rain spreading eastwards.

Gale cone hoisted 0710 on 15.9.40 in districts 15 and 16.

Forecasts issued at 10.30 G.M.T.

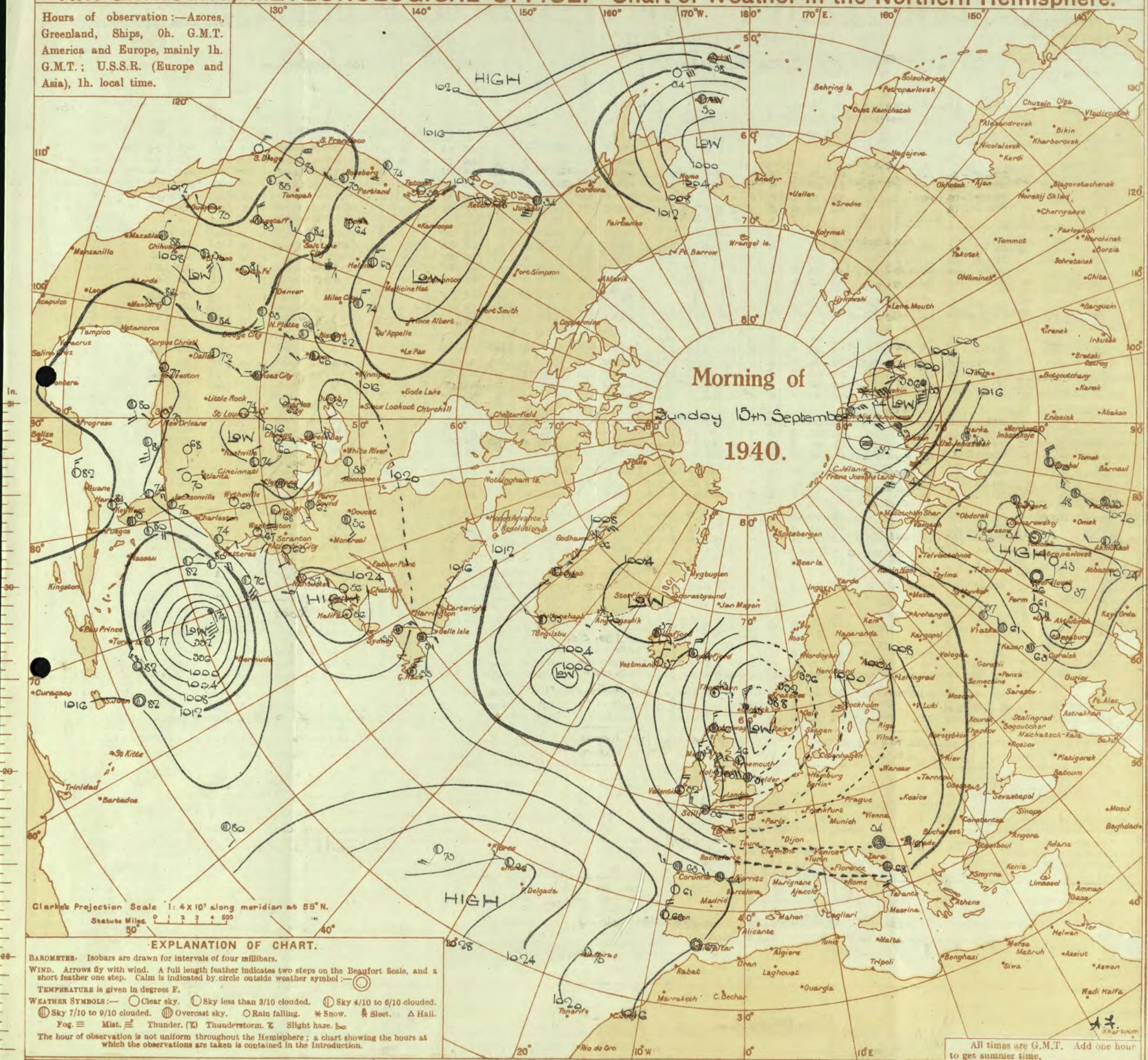
N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Sunday, 15th September, 1940.  
No. 28787.

OBSERVATIONS at 1 hr. G.M.T. 15th September.....														OBSERVATIONS at 7 hr. G.M.T. 15th September.....														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE 14th. Hrs.					
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.							
																																0-12		0-10	0-10	0-10	0-10	0-9
1	London (Kew) ... 18	*	*	*	*	*	*	*	*	*	*	*	997.2	+18	W.N.	2	Z	48	85	6	5	3	1	2-3	2-3	4000	1	*	61	47	38	Tr	Tr	3.2				
	Croydon ... 217	*	*	*	*	*	*	*	*	*	*	*	996.7	+14	N.W.	2	Z	48	97	6	5	3	1	2-3	2-3	1000	1	*	46	44	44	Tr	Tr	2.7				
	S. Farnborough ... 226	995.0	-20	W.S.	1	1	ir	51	92	7	5	7	-	2-3	10	2500	998.0	+24	N.W.	2	bc	46	92	8	1	3	-	Tr	2-3	2500	1	*	64	44	40	Tr	0.2	2.4
	Boscombe Down ... 417	995.8	-10	W.S.	1	1	ir	51	97	6	5	1	-	3	10	1000	998.7	+22	N.W.	3	bc	45	97	8	3	-	2-3	2-3	2500	1	*	63	43	40	-	1	5.2	
	Calshot (St. Mary's) ... 8	995.3	-18	W.S.	1	1	ir	52	92	6	5	2	-	3	10	2000	998.6	+20	N.W.	3	b	48	92	8	4	-	Tr	Tr	3500	1	2	63	46	44	-	2	2.9	
	Lympe ... 346	996.4	-18	W.S.	2	2	ir	48	92	6	5	3	-	2-3	7-8	3500	996.8	+12	N.W.	3	Z	47	92	6	5	3	-	2-3	2-3	3500	0	2	62	43	35	-	-	3.6
	Manston ... 154	*	*	*	*	*	*	*	*	*	*	*	*	*	997.2	+18	N.W.	2	C	47	92	6	5	3	-	2-3	2-3	4000	1	*	62	43	35	-	-	3.6		
2	Shoeburyness ... 11	*	*	*	*	*	*	*	*	*	*	*	996.5	+12	N.W.	2	b	49	97	8	5	3	-	0	1	-	1	*	(63)	46	33	-	Tr	Tr	5.4			
	Felixstowe ... 15	994.7	-14	N.W.	2	2	ir	53	73	7	6	1	-	2-3	10	3000	994.6	+10	N.W.	3	Z	49	85	6	5	-	3	3	5500	1	2	64	47	44	-	Tr	Tr	5.1
	Gorleston ... 5	994.8	-12	N.W.	2	2	ir	50	85	6	5	-	-	3	9	2500	994.4	+6	N.W.	3	bc	46	97	6	-	-	0	2	-	1	2	60	44	40	-	Tr	Tr	5.3
	Mildenhall ... 19	994.4	-14	N.W.	2	2	ir	49	85	7	-	1	7	0	10	-	994.9	+10	N.W.	3	bc	45	92	7	5	3	-	2-3	4-6	6000	0	2	65	43	34	Tr	Tr	5.3
	Cranwell ... 240	994.7	-10	N.W.	2	2	ir	47	97	5	-	7	-	0	7-8	-	998.5	+10	N.W.	3	Z	46	92	6	5	-	2-3	2-3	4000	1	*	63	43	40	-	Tr	Tr	6.7
3	Birmingham ... 535	*	*	*	*	*	*	*	*	*	*	*	997.8	+10	N.W.	3	bc	47	92	8	5	-	-	2-3	2-3	1500	1	*	62	45	42	0.3	3	5.6				
	Upper Heyford ... 408	995.7	-14	N.W.	2	2	ir	48	97	8	5	7	-	7-8	10	2200	997.3	+10	N.W.	4	bc	47	85	8	5	-	2-3	2-3	2500	1	*	64	45	41	0.4	3	*	
4	Ross-on-Wye ... 223	*	*	*	*	*	*	*	*	*	*	*	999.1	+14	N.W.	2	b	46	92	8	5	-	3	1	1	4000	1	*	61	44	35	0.3	1	2.6				
5	Hartland Point ... 299	997.9	+2	N.W.	5	5	ir	54	92	8	9	-	3	10	1000	997.3	+18	N.W.	2	bc	48	85	8	5	3	-	2-3	2-3	5700	1	*	62	43	38	-	1	1.9	
	Bristol ... 209	996.6	-8	N.W.	1	1	Z	51	97	6	5	7	6	4-6	9	2300	997.3	+18	N.W.	4	bc	54	85	8	5	-	4-6	4-6	4000	1	4	61	53	38	0.2	5	*	
	Portland Bill ... 32	996.4	-14	N.W.	2	2	RR	56	92	7	5	-	10	10	2500	999.8	+28	N.W.	4	bc	54	85	8	5	-	4-6	4-6	4000	1	4	61	53	38	0.2	5	*		
	Plymouth ... 82	997.6	-14	N.W.	2	2	ir	55	85	8	8	-	3	9	1800	1001.7	+24	N.W.	2	C	53	85	8	5	-	3	3	3500	1	1	62	53	47	Tr	Tr	1.1		
	The Lizard ... 240	999.1	-6	N.W.	4	4	ir	56	97	7	8	-	3	9	1500	1002.4	+20	N.W.	3	C	52	85	8	8	6	-	7-8	7-8	2500	1	3	63	50	*	Tr	Tr	0.6	
	Scilly (St. Mary's) ... 163	1000.0	0	N.W.	4	4	ir	56	97	7	8	4	4	7-8	9	1500	1003.4	+18	N.W.	4	C	55	75	8	8	4	-	4-6	4-6	1500	1	3	60	54	*	Tr	Tr	0.0
	Guernsey ... 175	*	*	*	*	*	*	*	*	*	*	*	1000.7	+18	N.W.	5	C	53	75	9	8	4	-	4-6	4-6	2000	1	4	59	52	49	4	7	1.1				
6	Pembroke ... 142	998.3	+6	N.W.	4	4	ir	52	85	7	8	-	7-8	7-8	2500	1001.0	+14	N.W.	4	C	52	85	8	8	4	-	4-6	4-6	2500	1	3	59	50	*	Tr	Tr	1.1	
7	Holyhead ... 26	996.4	-2	N.W.	5	5	ir	53	85	9	9	-	9	9	1800	998.6	+12	N.W.	6	bc	53	75	8	8	-	3	3	2500	1	3	59	52	49	1	1	3.7		
	Chester (Sealand) ... 16	995.6	-6	N.W.	2	2	bc	50	85	8	3	-	4-6	4-6	1500	997.3	+14	N.W.	4	bc	51	75	8	8	-	4-6	4-6	2500	1	*	58	49	43	Tr	Tr	4.6		
8	Manchester ... 70	995.3	-6	N.W.	2	2	bc	47	97	5	8	3	-	4-6	4-6	2500	996.1	+10	N.W.	1	Z	45	97	6	4	-	1	2-3	2500	1	*	40	31	3	3	3.4		
10	Spurn Head ... 29	993.3	-6	N.W.	4	4	C	51	85	7	5	-	3	3	4000	994.0	+2	N.W.	5	bc	49	85	7	2	7	-	2-3	4-6	4000	0	3	60	49	*	0.3	-	8.2	
	Catterick ... 175	994.4	0	N.W.	1	1	C	49	85	8	5	-	3	3	5500	995.3	+6	N.W.	2	b	45	75	8	8	-	Tr	1	4000	0	2	60	42	36	0.1	Tr	8.7		
	Tynemouth ... 108	994.6	0	N.W.	3	3	bc	46	85	6	2	3	-	4-6	4-6	3400	995.0	+8	N.W.	4	C	44	75	7	8	-	3	3	2800	1	2	58	43	41	2	-	*	
11	St. Abbs Head ... 280	993.6	-4	N.W.	3	3	C	48	85	8	6	-	4-6	9	2500	993.4	-2	N.W.	4	bc	46	85	9	5	4	-	2-3	4-6	2500	0	3	56	45	*	Tr	8	*	
	Leuchars ... 36	994.0	+4	N.W.	2	2	b	45	85	8	4	-	Tr	1	4500	993.9	+1	N.W.	3	b	45	75	9	8	-	Tr	Tr	4000	1	*	61	41	36	0.4	1	4.9		
12	RAF Leuchars ... 36	994.0	+4	N.W.	2	2	b	45	85	8	4	-	Tr	1	4500	993.9	+1	N.W.	3	b	45	75	9	8	-	Tr	Tr	4000	1	*	61	41	36	0.4	1	4.9		
	RAF Leuchars ... 36	994.0	+4	N.W.	2	2	b	45	85	8	4	-	Tr	1	4500	993.9	+1	N.W.	3	b	45	75	9	8	-	Tr	Tr	4000	1	*	61	41	36	0.4	1	4.9		
	RAF Leuchars ... 36	994.0	+4	N.W.	2	2	b	45	85	8	4	-	Tr	1	4500	993.9	+1	N.W.	3	b	45	75	9	8	-	Tr	Tr	4000	1	*	61	41	36	0.4	1	4.9		
	RAF Leuchars ... 36	994.0	+4	N.W.	2	2	b	45	85	8	4	-	Tr	1	4500	993.9	+1	N.W.	3	b	45	75	9	8	-	Tr	Tr	4000	1	*	61	41	36	0.4	1	4.9		
	RAF Leuchars ... 36	994.0	+4	N.W.	2	2	b	45	85	8	4	-	Tr	1	4500	993.9	+1	N.W.	3	b	45	75	9	8	-	Tr	Tr	4000	1	*	61	41	36	0.4	1	4.9		
	RAF Leuchars ... 36	994.0	+4	N.W.	2	2	b	45	85	8	4	-	Tr	1	4500	993.9	+1	N.W.	3	b	45	75	9	8	-	Tr	Tr	4000	1	*	61	41	36	0.4				



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Monday, 16th September, 1940.  
No. 28788.

OBSERVATIONS at 13h. G.M.T. 15th September.														OBSERVATIONS at 18h. G.M.T. 15th September.														PAST 24 HOURS.								
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of ground. (29)	Sea. 0-9 (30)	WEATHER.						
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. Low 0-10 Total 0-10 (25) (26)					Height of Base (feet) (28)	7h.—13h. 15th... (37)	13h.—18h. 15th... (38)	18h.—1st 16th... (39)	1st.—7h. 16th... (40)									
1	London (Kew)...	1000.3	+12	WNW	4	c	58	45	8	8	-	2	7-8	9+	2500	1002.7	+18	WNW	2	c	56	55	8	5	-	-	7-8	7-8	2500	1	*	bccy	cyc-prb	bccy	bccy	
	Croydon ...	999.1	+12	W	3	c	58	55	7	8	-	-	7-8	7-8	2000	*	W	1	c	*	*	7	5	-	*	9	9	3500	*	*	c	b	bcc	bcc		
	S. Farnborough	1001.0	+14	WN	3	c	58	45	8	8	7	2	3	9+	3000	1003.3	+14	WNW	2	c	57	55	9	8	3	4	2-3	7-8	3500	*	*	bccy	bccy	cyc-prb	cyc-prb	
	Boscombe Down	1001.2	+10	WNW	4	c	57	55	8	2	-	8	4-6	7-8	3000	1003.5	+14	WNW	3	c	56	55	9	8	6	3	4-6	7-8	4000	0	*	bcc	bcc	cyc-prb	cyc-prb	
	Calshot (Soton.)	1001.1	+10	WNW	4	c	60	55	8	3	6	7	8	3+	3500																					
	Lymington	1000.1	+14	WNW	3	c	58	55	7	8	-	-	7-8	7-8	3000	1003.0	+18	WNW	1	bc	52	75	7	5	-	-	4-6	4-6	4000	0	*	bccy	pr	bccy	bccy	
	Manston	*	*	WN	2	c	*	*	8	7	3	-	4-6	7-8	3000	*	WNW	3	c	*	*	7	5	3	*	1	7-8	3500	*	*	bc	bc	b	b		
2	Shoeburyness ...	999.5	+12	NW	3	c	59	55	8	5	-	-	9	9	4000	1003.4	+12	N	3	bc	54	65	7	4	4	-	2-3	4-6	4000	0	*	bccy	cyc-prb	bccy	bccy	
	Felixstowe ...	997.7	+12	NW	5	bc	60	45	8	2	-	-	4-6	4-6	3500	1000.8	+18	WN	4	bc	56	65	8	4	4	-	1	2-3	4000	0	3	bccy	bccy	bccy	bccy	
	Orleston	996.7	+20	WNW	4	bc	57	65	7	8	-	-	4-6	4-6	2500	1000.1	+20	NW	1	bc	56	75	6	5	-	-	2-3	2-3	2500	0	1	bccy	bccy	bccy	bccy	
	Mildenhall ...	998.0	+12	WNW	4	c	61	45	8	2	-	-	7-8	7-8	3000	1000.8	+14	WNW	4	bc	55	65	8	3	3	-	2-3	4-6	2000	0	*	bccy	bccy	bccy	bccy	
	Cranwell	998.1	+12	NW	4	bc	55	55	8	2	-	-	4-6	4-6	2500	1001.0	+14	W	4	bc	53	65	7	5	-	-	2-3	2-3	2500	1	*	bccy	bccy	bccy	bccy	
3	Birmingham	1000.4	+10	NW	4	pr	55	55	8	8	-	-	4-6	7-8	2500	1003.7	+14	NW	2	bc	51	65	8	4	4	2	2-3	4-6	2500	1	*	bccy	bccy	bccy	bccy	
4	Upper Heyford	1000.5	+10	WNW	4	pr	54	55	8	8	-	-	7-8	7-8	1100	1002.3	+18	W	3	c	55	65	8	4	3	2	4-6	7-8	2500	1	*	bccy	bccy	bccy	bccy	
	Ross-on-Wye	1001.5	+10	WNW	4	pr	55	65	9	8	-	-	7-8	7-8	4000	1003.7	+10	W	3	bc	56	55	9	5	-	-	2-3	4-6	4000	0	*	bccy	bccy	bccy	bccy	
5	Hartland Point	1004.3	+4	W	4	bc	55	65	9	8	-	-	4-6	4-6	2500	1005.4	+4	WNW	4	bc	55	75	9	8	-	-	4-6	4-6	2500	0	3	bcc	bcc	bcc	bcc	
	Bristol ...	1002.2	+10	WNW	3	c	59	55	8	2	3	-	-	7-8	7-8	3200	1004.2	+10	NW	3	c	56	55	9	8	6	8	4-6	7-8	2800	0	*	bccy	bccy	bccy	bccy
	Portland Bill	1002.6	+8	NW	4	c	60	65	9	2	4	-	-	7-8	7-8	4000	1000.4	+10	NW	4	c	58	85	8	5	-	-	7-8	7-8	4000	1	3	c	c	c	c
	Plymouth	1004.3	+10	NW	3	c	59	55	9	8	4	5	4	4-6	7-8	2500	1006.2	+10	NW	4	c	57	55	8	4	5	7-8	9+	3000	0	3	bccy	bccy	bccy	bccy	
	The Lizard	1005.2	+16	NW	4	bc	58	55	8	2	6	-	-	4-6	4-6	2500	1007.1	+10	NW	4	c	57	65	8	8	2	-	9	10	2000	0	2	bccy	bccy	bccy	bccy
	St. Mary's	1006.4	+8	NW	3	c	60	65	8	8	-	-	9+	9+	2200	1007.2	+2	WNW	3	c	55	75	8	8	4	-	4-6	7-8	2000	1	2	c	c	c	c	
	Guernsey																																			
6	Pembroke	1004.8	+4	NW	4	c	56	65	8	2	-	1	7-8	7-8	1800	1006.1	+2	W	4	bc	57	65	8	2	4	1	2-3	4-6	2500	0	2	c	bccy	bccy	bccy	
7	Holyhead	1001.7	+12	WNW	5	bc	55	65	8	2	5	6	2-3	4-6	2800	1002.8	+10	WN	4	c	56	65	9	5	4	1	9	9+	4000	1	2	bcc	bcc	bcc	bcc	
	Chester (Sealand)	1000.6	+18	WNW	5	pr	56	65	8	3	9	3	7-8	7-8	2500	1002.4	+10	WN	3	bc	52	75	7	2	-	-	4-6	4-6	3200	1	*	pr	pr	pr	pr	
8	Manchester	999.4	+12	WNW	5	pr	56	75	8	3	-	-	7-8	7-8	2500	1002.0	+14	WN	3	bc	51	65	8	2	3	4	2-3	4-6	2500	1	*	pr	pr	pr	pr	
10	Spurn Head	997.2	+10	W	5	c	57	55	7	2	-	-	7-8	7-8	4000	999.5	+12	E	2	bc	54	75	7	-	4	-	0	4-6	-	0	1	cq	bcc	bcc	bcc	
	Catterick	997.4	+6	WNW	3	c	57	45	8	2	-	-	7-8	7-8	3500	999.1	+12	W	3	bc	54	55	8	2	-	-	2-3	2-3	2500	0	*	bccy	bccy	bccy	bccy	
	Tynemouth	996.2	+6	NW	4	bc	55	45	8	2	-	-	4-6	4-6	3600	998.6	+12	WNW	3	bc	56	55	7	2	3	-	2-3	4-6	3400	0	1	bcc	bcc	bcc	bcc	
11	St. Abbs Head	995.6	+16	WNW	5	c	52	75	9	2	5	4	2-3	7-8	2500	997.3	+10	WNW	3	c	54	65	9	4	4	-	4-6	7-8	2500	0	2	bcc	bcc	bcc	bcc	
	Leuchars	995.8	+14	NW	5	c	56	55	9	2	7	-	-	4-6	4-6	2500	997.4	+12	WNW	3	bc	55	55	9	7	4	-	2-3	2-3	2500	0	*	bccy	bccy	bccy	bccy
12	Renfrew (Abbots I.)	997.5	+8	NW	5	bc	58	55	9	7	4	-	-	2-3	2-3	3500	999.4	+10	WNW	4	bc	52	65	9	2	4	1	2-3	2-3	3200	0	*	bccy	bccy	bccy	bccy
	Esksdalemuir	996.8	+10	NW	4	bc	54	55	8	8	-	-	4-6	4-6	4000	999.2	+12	WNW	2	b	49	65	9	7	4	-	1	4-6	4000	1	*	bccy	bccy	bccy	bccy	
	Point of Ayre	999.9	+8	WNW	6	bc	57	75	8	2	-	-	2-3	2-3	2500	1001.7	+12	WNW	5	bc	54	85	8	2	4	-	4-6	4-6	2500	0	3	bcc	bcc	bcc	bcc	
13A	Three ...	999.6	+6	WNW	4	bc	52	75	8	8	6	-	-	4-6	4-6	1500	1001.6	0	WNW	4	bc	50	85	8	8	-	-	4-6	4-6	1500	0	3	bccy	bccy	bccy	bccy
13B	Stornoway	998.1	+8	WNW	3	c	51	65	8	5	7	-	-	7-8	7-8	1200	999.4	+2	NW	4	bc	49	65	8	5	-	-	4-6	4-6	2000	1	2	cq	cq	cq	cq
15	Dalwhinnie	997.2	+6	W	2	c	50	65	8	1	-	-	7-8	7-8	2500	998.7	+8	NW	2	bc	47	65	8	2	-	-	4-6	4-6	2500	0	*	bccy	bccy	bccy	bccy	
	Aberdeen	994.4	+26	WNW	4	cq	52	65	8	7	7	-	-	4-6	4-6	2500	996.8	+16	WNW	4	bc	49	65	8	7	-	-	2-3	2-3	4000	0	2	pr	pr	pr	pr
	Wick	993.8	+10	WNW	6	cq	50	65	8	5	7	8	7-8	7-8	1500	995.5	+8	NW	3	cq	49	75	8	9	7	9	4-6	9+	800	1	*	cq	cq	cq	cq	
16	Lerwick	989.3	+12	NW	4	c	51	85	8	8	2	-	-	7-8	7-8	800	991.6	+10	WNW	4	bc	50	85	8	5	4	-	4-6	4-6	1500	1	*	cq	cq	cq	cq
17	Blackod Point	1004.4	+10	NW	3	c	55	75	8	3	-	-	4-6	4-6	2500	1003.8	-8	W	2	c	53	75	8	-	7	-	0	9+	-	0	2	bc	bc	bc	bc	
18	Malin Head	1001.8	+12	WNW	4	c	51	85	8	3	-	-	7-8	7-8	3700	1001.9	+6	WNW	3	c	51	75	8	4	6	-	4-6	7-8	3700	0	4	bccy	bccy	bccy	bccy	
	Aldergrove	1000.7	+10	NW	4	c	53	65	9	3	-	-	7-8	7-8																						



## AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Monday 16th September 1940.

7h Monday 16th September 1940.

LOW

HIGH

Barometric Changes

Slight Falling

Slowly Rising

Clear

Scale 1:10,000,000

100 200 300 Nautical Miles.

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, Nh = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, Cm = 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. Monday 11th Sept. 1940
1 S.E. England	Wind south veering southwest to west mainly light or moderate, but fresh at times locally; cloudy, rain at times, perhaps bright intervals tomorrow. Night temperature much higher.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh west-southwest wind, becoming variable lighter temporarily; cloudy, rain at times. Local coast and hill fog: mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Wind south veering southwest to west mainly light or moderate, fresh at times locally: cloudy, rain at times, bright intervals and showers tomorrow. Milder.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	Light or moderate south or southeast wind, freshening, veering later: fair at first, then rain. Cool becoming somewhat milder.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Fresh west to northwest wind, decreasing later: cloudy, occasional rain, bright intervals and showers later. Mild then cooler.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

### GENERAL INFERENCE.

A depression northwest of Scotland is moving slowly east and associated troughs are crossing the British Isles. Rain will spread from the west to all districts with much hill fog and local coast fog in the West. Temperature will rise slowly. Subsequently there will be bright intervals in most areas and showers in the North. Secondary disturbance now north of the Azores will approach our southwest coasts.

### FURTHER OUTLOOK.

Rain at times in the South, bright intervals and showers in the North.

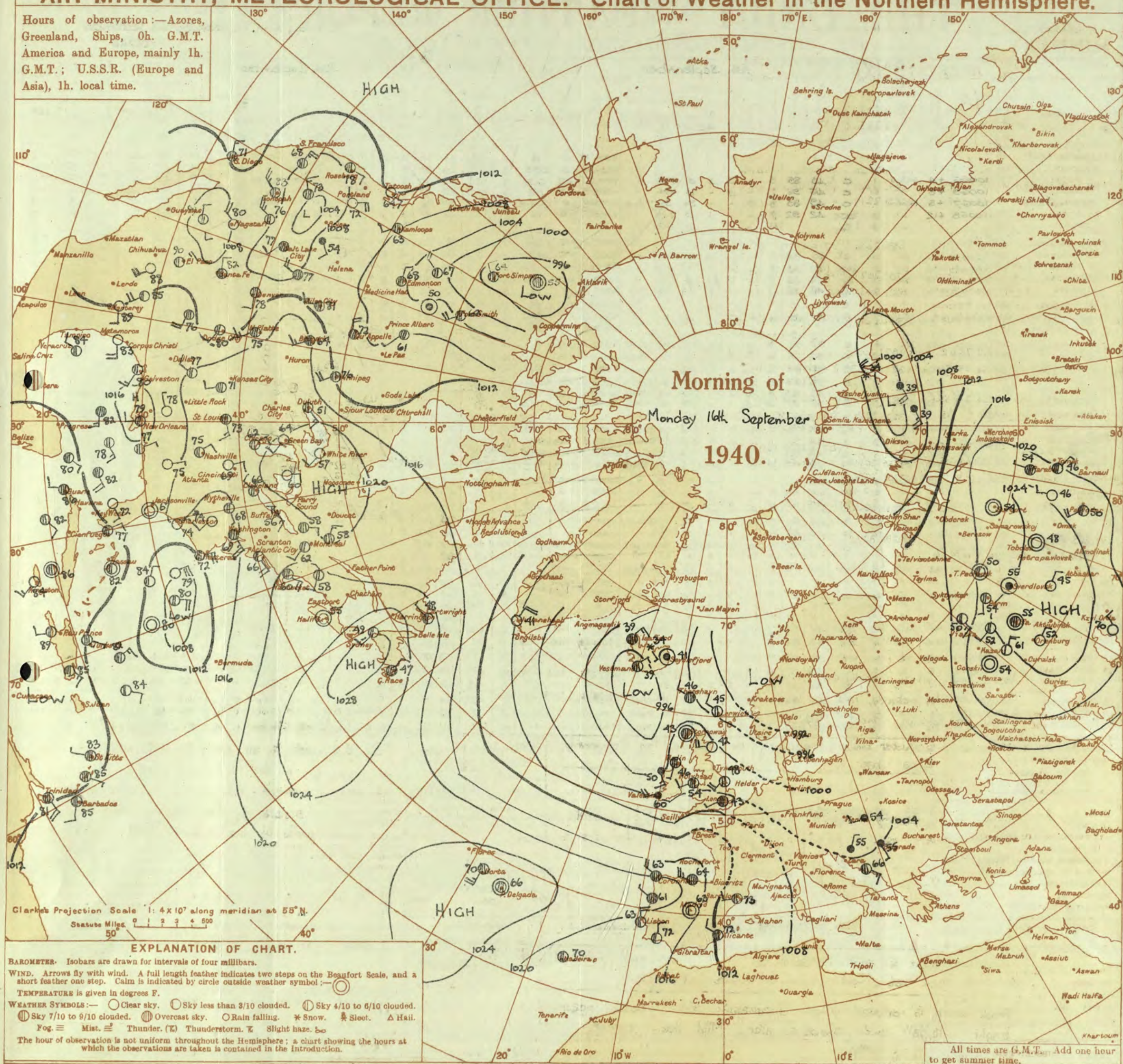
Forecasts issued at 10.30h  
H.M.S.O. Press, Cornwall House S.E.1.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 16th September.														OBSERVATIONS at 7 hr. G.M.T. 16th September.														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)			
					Direc.	Force.					Low.	Med.	High.	Low.	Med.			High.	Low.					Med.	High.	Low.	Med.	High.			Min. on Grass °F.	Day 7h-18h °F.	Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.	1st Hrs.
1	London (Kew) ... 18	217	1006.6	+4	WSW	1	C	43	85	8	-	0	4	0	7-8	1006.8	0	SSE	2	id.	48	85	6	5	7	-	1	10	4000	1	60	46	31	0.2	Tr	6.4		
	Croydon ... 226	1006.3	+8	-	-	-	C	46	92	7	-	3	-	0	9+	1006.4	-2	SSE	2	ir.	48	85	6	5	1	-	2-3	10	3000	1	42	40	-	Tr	4.8			
	S. Farnborough ... 417	1006.9	+8	-	-	-	C	49	83	8	-	-	-	0	9+	1005.9	-6	SE	3	ir.	49	85	6	5	2	-	4-6	10	500	1	42	32	-	Tr	7.0			
	Boscombe Down ... 8	1006.7	+8	-	-	-	C	49	83	8	-	-	-	0	9+	1006.6	0	SWW	4	ir.	55	85	6	5	2	-	4-6	10	1000	1	61	45	40	3	8.1			
	Calshot (St. Mary's) ... 346	1006.8	+12	-	-	-	C	42	92	7	-	-	-	0	2-3	1008.5	+6	W	1	C	46	97	8	-	7	2	0	9+	-	0	38	28	-	-	6.8			
	Lymington ... 154	1006.8	+12	-	-	-	C	42	92	7	-	-	-	0	2-3	1008.5	+6	W	1	C	46	97	8	-	7	2	0	9+	-	0	38	28	-	-	6.8			
2	Shoeburyness ... 11	1005.1	+4	W	4	C	51	85	8	-	-	6	0	7-8	1007.2	+6	SW	2	C	51	75	8	-	9	7	0	10	-	0	64	46	32	Tr	-	7.3			
	Felixstowe ... 15	1005.1	+4	W	4	C	51	85	8	-	-	6	0	7-8	1006.5	+6	WS	1	Z	47	85	6	5	7	-	1	9+	7000	1	64	46	42	-	-	8.7			
	Gorleston ... 5	1003.9	+12	W	3	bc	46	83	7	-	4	-	0	2-3	1005.8	+8	WSW	2	bc	46	85	7	-	5	-	0	4-6	-	1	58	43	37	-	-	3.7			
	Mildenhall ... 19	1004.5	+10	SW	3	C	44	85	7	-	7	2	0	7-8	1005.4	+6	SW	3	C	48	75	7	5	7	-	4-6	9+	6000	0	62	42	32	Tr	8.4				
	Cranwell ... 240	1004.5	+10	W	2	Z	45	92	6	-	4	8	0	4-6	1004.8	0	H	3	C	47	85	7	5	7	7	2-3	9	4000	1	61	43	40	2	Tr	8.3			
3	Birmingham ... 535	1005.7	+6	SW	2	C	42	92	8	-	7	-	0	9	-	1004.2	-2	S	2	ir.	48	92	5	-	2	-	0	10	-	1	58	46	40	0.3	0.2	6.2		
	Upper Heyford ... 408	1005.7	+6	SW	2	C	42	92	8	-	7	-	0	9	-	1005.3	-2	SW	2	ir.	48	85	7	5	2	-	2-3	10	5700	1	61	41	31	0.1	Tr	6.1		
4	Ross-on-Wye ... 223	1003.8	-6	SSE	2	ir.	52	97	6	-	6	-	-	10	10	1003.8	-6	SSE	2	ir.	52	97	6	-	6	-	-	10	10	800	1	43	42	Tr	2	7.6		
5	Hartland Point ... 299	1005.3	-10	W	4	C	57	75	8	4	-	7-8	9+	2500	1002.4	-10	W	5	C	60	97	6	6	2	-	9	10	200	1	56	53	51	-	7	8.7			
	Bristol ... 209	1006.3	-4	S	2	C	52	75	8	5	3	-	9	10	3000	1005.1	-6	S	2	ir.	52	97	5	-	2	-	10	10	800	1	63	47	36	-	2	9.0		
	Portland Bill ... 32	1007.0	+12	WNW	4	C	57	97	8	2	4	-	4-6	10	4000	1007.2	-8	SW	1	rr	56	92	6	5	-	-	10	10	1500	1	62	54	-	-	1	-		
	Plymouth ... 82	1007.5	-2	WSW	2	C	57	85	8	5	7	-	4-6	10	3500	1004.8	-8	WSW	4	id.	59	97	6	6	2	-	9+	10	300	1	60	50	47	Tr	6	-		
	The Lizard ... 240	1007.5	+4	WSW	1	C	57	85	8	5	7	-	7-8	10	1500	1006.4	+16	W	5	C	59	97	8	8	2	-	7-8	9+	1500	1	59	55	-	3	3.5			
	Scilly (St. Mary's) ... 163	1006.7	-10	SW	3	id.	57	97	5	-	-	-	-	10	450	1005.9	+10	W'S	5	C	60	97	6	5	7	-	4-6	9+	1200	1	61	55	-	3	2.0			
	Guernsey ... 175	1006.7	-10	SW	3	id.	57	97	5	-	-	-	-	10	450	1005.9	+10	W'S	5	C	60	97	6	5	7	-	4-6	9+	1200	1	61	55	-	3	2.0			
6	Pembroke ... 142	1004.5	-4	SWW	4	ir.	57	75	7	8	2	-	4-6	10	2500	1000.9	-12	W'S	6	id.	60	97	5	5	-	-	10	10	800	1	58	54	-	-	6	-		
7	Holyhead ... 26	1002.7	-4	WSW	2	C	54	75	8	1	5	-	2-3	9	3000	999.9	-10	SSE	2	rr	53	75	7	6	2	-	4-6	10	800	1	58	51	48	-	3	7.6		
	Chester (Sealand) ... 16	1003.8	+2	N	1	C	48	85	7	5	3	-	2-3	7-8	4000	1002.1	-6	SSE	3	rr	49	92	6	5	2	-	7-8	10	3000	1	56	45	38	2	0.3	8.7		
8	Manchester ... 70	1003.7	+4	SW	1	m	43	97	4	4	-	-	7-8	7-8	4300	1002.9	-6	EN	1	Z	47	92	5	5	7	-	9	10	3000	1	57	42	35	4	-	7.2		
10	Spurn Head ... 29	1002.4	+12	SWW	4	bc	48	83	7	-	-	3	0	2-3	-	1003.6	+6	SWW	2	bc	49	83	7	-	4	0	4-6	-	1	2	59	46	-	Tr	10.2			
	Catterick ... 175	1002.3	+4	-	0	C	44	85	8	-	-	3	0	2-3	-	1003.3	+4	-	0	C	40	97	8	-	3	7	0	9+	-	0	57	37	32	-	-	10.3		
	Tynemouth ... 108	1001.2	+10	W	3	bc	45	85	7	-	4	-	-	0	2-3	-	1002.3	+2	SW	3	cf	45	85	3	3	3	-	4-6	7-8	3400	1	58	44	40	-	-	-	
11	St. Abbs Head ... 280	999.8	+6	WNW	3	b	47	75	8	1	4	-	Tr	1	2500	1000.8	+4	W	2	C	43	85	9	4	7	4	2-3	7-8	2500	0	55	42	-	-	-	-		
	Leuchars ... 36	1000.2	+8	SW	2	b	42	85	9	4	-	-	0	Tr	-	1000.4	0	W	2	C	40	92	9	-	3	-	0	7-8	-	0	53	37	27	Tr	-	8.4		
12	Renfrew (Abbots I.) ... 19	1001.5	+4	-	0	C	44	92	8	5	7	-	9	9+	3000	1000.7	-4	NE/E	1	m	42	97	4	5	3	-	7-8	9+	4500	0	58	41	33	-	-	11.0		
	Eskdalemuir ... 794	1001.5	+4	-	0	C	44	92	8	5	7	-	9	9+	3000	1000.7	-4	NE/E	1	m	42	97	4	5	3	-	7-8	9+	4500	0	58	41	33	-	-	9.9		
	Point of Ayre ... 30	1002.4	+4	WS	3	bc	44	92	8	1	4	6	Tr	2-3	4000	999.8	-10	SW	2	ir.	53	85	8	8	2	-	2-3	10	2500	1	57	41	-	-	-	9.9		
13A	Tiree ... 22	1000.5	+6	-	0	C	43	97	8	5	7	-	7-8	9+	1500	999.4	-4	SE	3	C	50	92	8	5	-	-	9+	9+	1500	0	54	42	-	1	0.3	4.6		
13B	Stornoway ... 80	1000.5	+6	-	0	C	43	97	8	5	7	-	7-8	9+	1500	999.4	-4	SE	3	C	50	92	8	5	7	-	7-8	9+	1500	0	54	42	-	1	0.3	4.6		
15	Dalwhinnie ... 1176	1000.5	+6	-	0	C	43	97	8	5	7	-	7-8	9+	1500	999.4	-4	SSE	2	bc	54	92	8	-	3	-	0	4-6	-	1	52	30	21	0.1	0.1	3.0		
	Aberdeen ... 79	1000.5	+6	-	0	C	43	97	8	5	7	-	7-8	9+	1500	999.4	-4	WNW	1	b	36	92	8	-	3	1	0	1	-	0	1	53	35	28	1	-	3.5	
	Wick ... 81	997.7	+6	WNW	3	Spr	44	92	7	5	7	8	7-8	9+	1500	998.4	+10	NW	2	bc	43	85	9															



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Tuesday 17th September 1940.  
No 28,782.

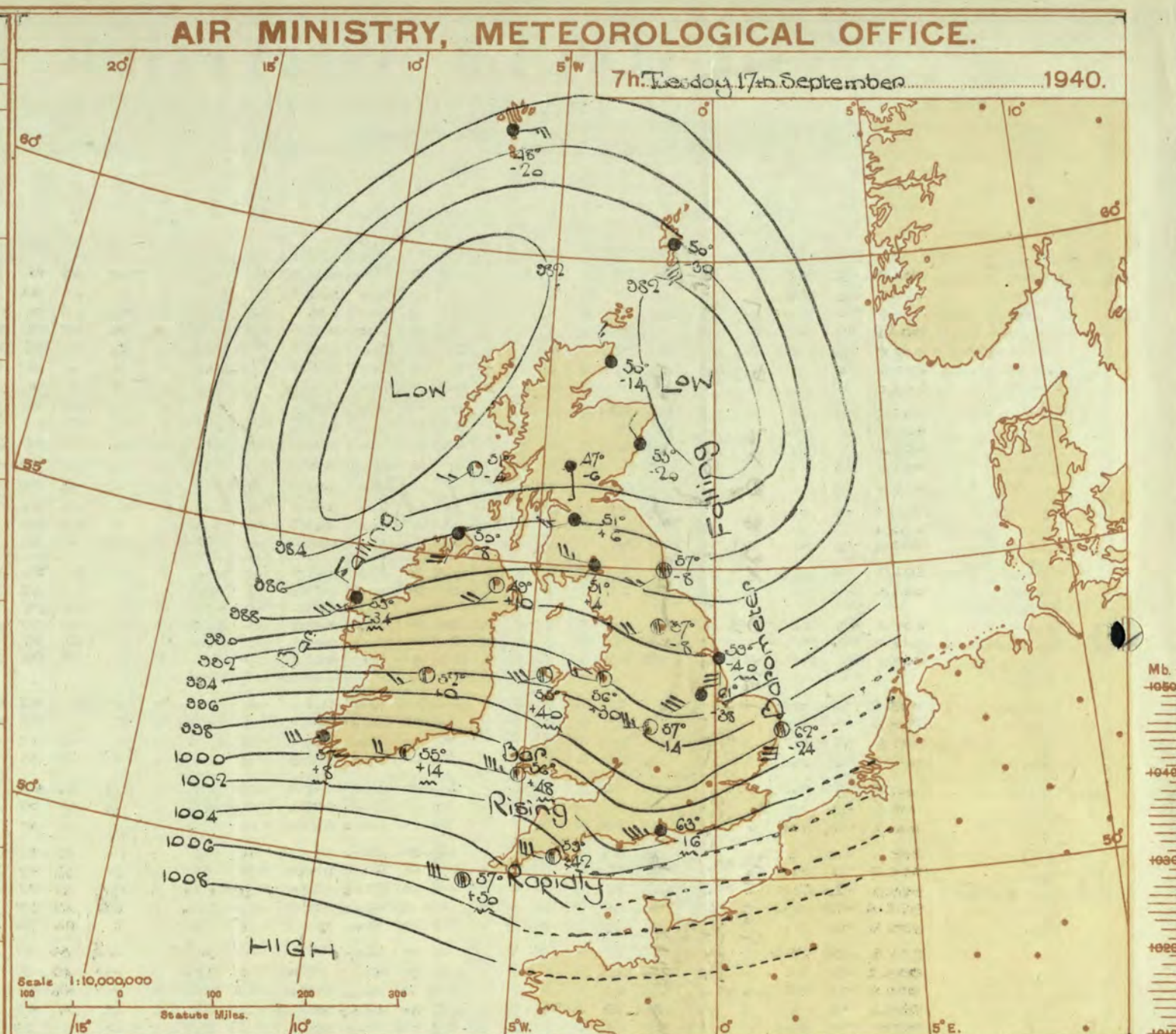
OBSERVATIONS at 13h. G.M.T. 16th September.														OBSERVATIONS at 18h. G.M.T. 16th September.														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				State of Ground.	Sea.	WEATHER.							
				Dir.	Force.					Low.	Med.	High.	Low 0-10			Total 0-10	Height of Base. (feet)					Dir.	Force.	Low.	Med.			High.	Low 0-10	Total 0-10	Height of Base. (feet)	7h.—18h. 16th	18h.—18h. 16th	18h.—18h. 17th	1h.—7h. 17th
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Soton.) ... Lymington ... Manston ...	1004.9 1004.6 1004.5 1004.2 1005.2 1007.3 1008.0	-12 +16 -10 +2 -6 -4 *	SSW SSE SW WS SWW S SW	2 2 3 4 3 4 3	c/r c/r c/r id c dr c/r	57 56 59 62 64 55 *	92 97 97 85 92 97 *	6 6 6 6 7 6 6	6 6 6 6 8 6 2	2 - - - 3 2 *	7-8 10 10 3 3 3 7-8	10 10 10 6 8 1200 10	1500 800 600 300 200 1000 600	1004.5 1004.7 1005.1 1005.2 1006.2 1006.7 1006.4	+2 0 +2 +6 +10 +2 *	WSW SW SWW SWW WSW WSW SW	3 2 3 4 4 3 3	bc c bc bc Z Z c	63 65 65 65 63 61 *	85 95 78 75 92 92 *	7 8 8 8 7 6 7	5 4 3 5 3 3 3	- - - - - - *	4-6 4-6 4-6 1 3 3 4-6	4-6 4-6 7-8 1200 300 700 3	1500 2500 2500 1200 300 700 *	1 1 1 1 1 1 *	*	cd, r, m, o cd, r, o cd, r, o cd, m, bc cd, r, o cd, r, o cd, r, o	cd, bc cd, r, o cd, m, bc cd, m, bc cd, m, bc cd, m, bc cd, m, bc	bbc bm, cmc bc, cd cd, m cd, m cd, m cd, m	cmdd d, d, ic ad, m cd, m cd, m cd, m cd, m		
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1006.7 1006.5 1006.1 1004.8 1003.5	-10 -4 0 -6 -10	S SSW SW SE S	4 4 5 4 3	c/r id c/r c/r id	55 59 59 57 55	92 97 95 85 85	8 7 7 6 7	6 2 7 5 5	2 - - - -	3 7-8 4-6 3 10	10 1400 2500 2500 2500	1005.4 1003.6 1003.7 1002.3 1000.3	-2 -16 -10 -14 -16	SW SW SW SW SW	4 3 5 4 4	Z c/d id Z Z	63 58 56 61 62	92 97 92 92 85	6 6 6 6 6	5 2 6 5 7	- - - - -	7-8 3 10 3 3	300 1000 1200 1000 1500	1 1 1 1 1	*	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o				
3	Birmingham ... Upper Heyford ... Ross-on-Wye ...	1002.1 1003.4 1002.1	-12 -8 -10	SSW S SWW	2 2 3	c dd c	55 57 64	92 97 85	5 5 7	6 5 6	- - -	10 10 10	800 200 1500	1001.8 1003.3 1003.0	+2 +2 0	SW SW WSW	3 4 4	c c c	63 62 64	92 85 85	7 7 7	6 7 5	7 7 7	- - -	7-8 3 3	1500 400 1500	1 1 1	*	cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o			
5	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Soilly (St. Mary's) ... Guernsey ...	1004.2 1004.3 1004.2 1007.2 1008.2 1007.8 1007.5	+6 +10 +6 +8 +6 +4 0	WSW W W SW WS SWW SWW	6 5 5 5 5 5 5	c c c c c c c	61 64 64 63 63 65 65	92 97 97 85 92 85 85	6 8 7 7 8 6 6	6 5 5 5 5 5 4	- - - - - - -	7-8 3 3 3 3 2-3 7-8	800 1000 1400 1400 600 1000 1000	1003.7 1004.3 1007.4 1007.5 1008.1 1006.3 1006.3	-10 -2 +8 0 -2 -10 -10	WSW WSW WSW SWW SWW SW SW	5 4 5 5 5 5 5	c c c c/r c c c	61 64 62 61 61 62 62	92 85 92 97 97 92 92	7 8 7 6 6 6 6	5 2 5 6 5 5 5	- - - - - - -	7-8 3 10 3 3 10 1000	300 1200 2500 450 700 1000 1000	1 1 1 1 1 1 1	4	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o				
6	Pembroke ...	1003.2	+6	WS	6	c/r	62	92	6	8	6	-	4-6	7-8	1500	1002.1	-4	SW	7	c/r	61	92	6	8	1	-	10	10	800	1	4	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o
7	Holyhead ...	1003.6	+4	SSW	4	c	62	92	8	5	2	-	7-8	10	1500	1006.7	-14	SWW	6	Z	61	97	6	5	7	-	3	3	2500	1	3	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o
8	Chester (Sealand) ... Manchester ...	1003.8 1000.6	-10 -14	SSW SE	3 3	id id	58 56	85 85	6 6	5 2	- -	10 3	2500 200	1003.4 1002.8	-6 -10	SWW SW	5 4	c c/r	64 63	92 85	6 6	5 5	7 2	- -	7-8 3	300 1600	1 1	*	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o			
10	Spurn Head ... Catterick ... Tynemouth ...	1002.8 1001.0 1001.2	-4 -10 -6	SSW SE SSW	4 2 3	c m c	59 54 54	75 85 75	7 4 6	2 - 5	- - -	2-3 10 3	4000 2500 2500	1003.3 1007.2 1007.3	-12 -18 -16	WS SEW SW	4 3 3	d, d d, d c/r	56 54 54	97 97 97	4 3 5	5 - 2	- - -	10 10 10	700 800 2100	1 1 1	2	cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o				
11	St. Abbs Head ... Leuchars ...	1003.3 1003.3	-10 -10	S SSW	4 2	c c	53 52	85 75	8 8	5 2	- -	4-6 4-6	3 2200	1005.1 1003.3	-14 -28	SE SE	3 3	rr rr	52 52	97 92	4 6	5 5	- -	10 10	1000 800	1 1	2	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o				
12	RAF (Abbots) ... RAF (Abbots) ... RAF (Abbots) ... RAF (Abbots) ... RAF (Abbots) ... RAF (Abbots) ... RAF (Abbots) ...	1007.5 1003.4 1003.4 1003.4 1003.4 1003.4 1003.4	-20 -12 -12 -12 -12 -12 -12	SEW SW SW SW SW SW SW	6 3 3 3 3 3 3	c/r c c c c c c	52 50 50 50 50 50 50	85 85 85 85 85 85 85	5 5 5 5 5 5 5	5 5 5 5 5 5 5	5 5 5 5 5 5 5	- - - - - - -	4-6 4-6 4-6 4-6 4-6 4-6 4-6	2500 2500 2500 2500 2500 2500 2500	1002.6 1002.6 1002.6 1002.6 1002.6 1002.6 1002.6	-32 -32 -32 -32 -32 -32 -32	EN EN EN EN EN EN EN	3 3 3 3 3 3 3	rr rr rr rr rr rr rr	52 52 52 52 52 52 52	97 97 97 97 97 97 97	4 4 4 4 4 4 4	5 5 5 5 5 5 5	- - - - - - -	10 10 10 10 10 10 10	450 450 450 450 450 450 450	1 1 1 1 1 1 1	*	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o			
13A	Tiree ...	1000.8	-32	SEW	5	c/r	53	97	7	5	-	-	10	10	1200	1003.6	-2	SWW	4	d, d	56	97	4	-	2	-	10	10	300	1	4	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o
13B	Stornoway ...	1005.2	-18	SE	4	c	60	65	3	5	7	-	4-6	3	1500	1003.0	-32	SEW	4	rr	43	92	7	5	2	-	7-8	12	600	1	3	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	1006.8 1003.4 1007.8 1003.3	-6 -4 +2 +2	SE S SSW SW	4 3 4 4	c c c c	46 52 51 51	85 75 65 92	7 8 8 8	5 6 6 7	2 - - -	4-6 4-6 2-3 4-6	10 4000 2500 1500	1002.4 1004.8 1004.0 1007.7	-22 -30 -12 -2	SEW SE SE SE	6 4 6 4	c ir ir c/r	46 51 51 43	92 92 92 92	6 6 6 8	6 2 5 7	- - - -	10 4-6 7-8 7-8	800 800 1500 1500	1 1 1 1	3	cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o				
17	Blackod Point ...	1004.8	-8	SSW	5	ir	61	97	6	6	-	-	10	10	1500	1003.3	-10	SW	4	ir	57	97	6	6	-	-	10	10	1500	2	3	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o
18	Malin Head ... Aldergrove ...	1002.6 1005.0	-16 -18	S S	4 2	id c/r	54 57	97 97	6 6	6 2	- -	3 3	1500 600	1003.4 1002.2	-8 -10	W SW	2 4	id c/r	58 62	97 92	6 8	5 6	- 2	- -	3 3	10 1000	1 1	*	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o			
19	Birr Castle ...	1003.6	-2	WSW	4	c/r	65	92	7	6	2	-	7-8	10	1500	1005.1	-12	WSW	4	ir	63	97	7	6	2	-	7-8	10	1500	1	5	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o
20	Valentia Obse. ... Roche's Point ...	1002.7 1002.1	-12 +2	SW W	4 4	c/r c/d	63 63	92 92	6 5	- -	- -	3 3	1500 1500	1003.8 1003.8	-26 -26	WSW WSW	6 6	dr dr	61 61	97 97	6 5	- -	- -	- -	- -	10 10	800 800	1 1	4	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o	cd, r, o cd, r, o cd, r, o cd, r, o cd, r, o		



Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 17th. Sept. 18h. G.M.T.				01h. G.M.T. 17th. Sept. 07h. G.M.T.							
III	C <sub>M</sub>	wwVhN	DDFWN	C <sub>M</sub>	wwVhN	DDFWN	C <sub>M</sub>	wwVhN	DDFWN	C <sub>M</sub>	wwVhN
109	23	01353	10384	52	02345	12422	5-	63528	10568	52	52625
115	52	02354	12125	52	64734	12483	5-	62734	12468	51	02744
203	8-	03858	08328								
206							57	61747	00038	57	02864
210				52	62855	12368	5-	62857	00037	52	62355
220	62	64425	21568		54408	23458					
230	52	61740	15304								
245	57	02363	14427	62	62535	14568	62	62408	00033	62	62536
260	57	02855	4328	52	62544	04168	--	67200	00060		
277	62	4517	13448				62	66537	18668	60	00852
279											
285	8-	03638	14328	--	67300	10368				6-	63627
288	52	61633	13328	5-	62638	16268	52	62645	48568	5-	64 08 20345
273										33	10653
301	57	21655	14468	57	22756	22467	6-	67038	55628	83	22644
321	5-	02768	18328				67	62640	55568	6-	64627
299	8-	05657	22317	6-	64538	20368	6-	64038	20468	62	62655
292	57	08450	65428	62	47327	17168	52	61737	21468	67	61824
310										--	67100
316	6-	51548	14358	57	21546	20257	52	61645	18668	62	52514
333	57	02745	21528				62	64528	55668	26	00953
334		54527	20458		54418	20558				--	61840
340	5-	05648	14358	5-	10748	20558	6-	61748	18468	5-	22354
136	52	61756	12468	52	51418	17268	52	62766	21668	--	02854
336		62534	24568		22643	24568					
350	62	52625	16468	57	02744	53527					
368	62	52627	57568	57	05635	56657	67	05640	54658	54	81857
379	--	46300	20140	67	02737	22428	6-	22748	22568	62	66728
390	62	58437	18368	57	05535	24457	60	05535	18428		
382	52	52620	17358	5-	02847	22427	64	02705	18527	62	52636
438	02	57228	20458								
430	62	51637	24358	53	05636	24527				5-	34428
409	5-	03628	19668							5-	02745

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
N = Total amount of cloud—See M.O. 252.  
C<sub>M</sub> = Form of low and medium cloud—See page 1.  
V<sub>M</sub> = 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. 17th. September 1940
1 S.E. England	Fresh or strong squally west wind, moderating tonight: bright intervals, local showers, average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Southwest to west gale, decreasing to strong wind tomorrow; occasional rain; brighter intervals. Average temperature.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Strong southwest to west wind, perhaps a gale locally this afternoon: occasional rain, bright intervals. Average temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 6-8.
13 { A.W. Scotld. B.N.W. Scot- land.	Wind mainly westerly, moderate, becoming strong later; rain at times: fair intervals. Average temperatures.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 6-8.
18 N. E. Ireland	
19 S. E. Ireland	As 1-5.
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.

#### GENERAL INFERENCE.

A deep complex depression over and around North Scotland is moving slowly northeast. Strong west winds will be general reaching gale in the Irish Sea area, and weather will be showery with bright intervals especially in the South.

#### FURTHER OUTLOOK.

Changeable and showery with bright intervals, wind from some westerly point, strong at times. Warning of southwesterly gale in operation all coasts south of line Ross of Mull to Rattray Head and southerly gale in Shetlands.

Forecasts issued at 10.30h.

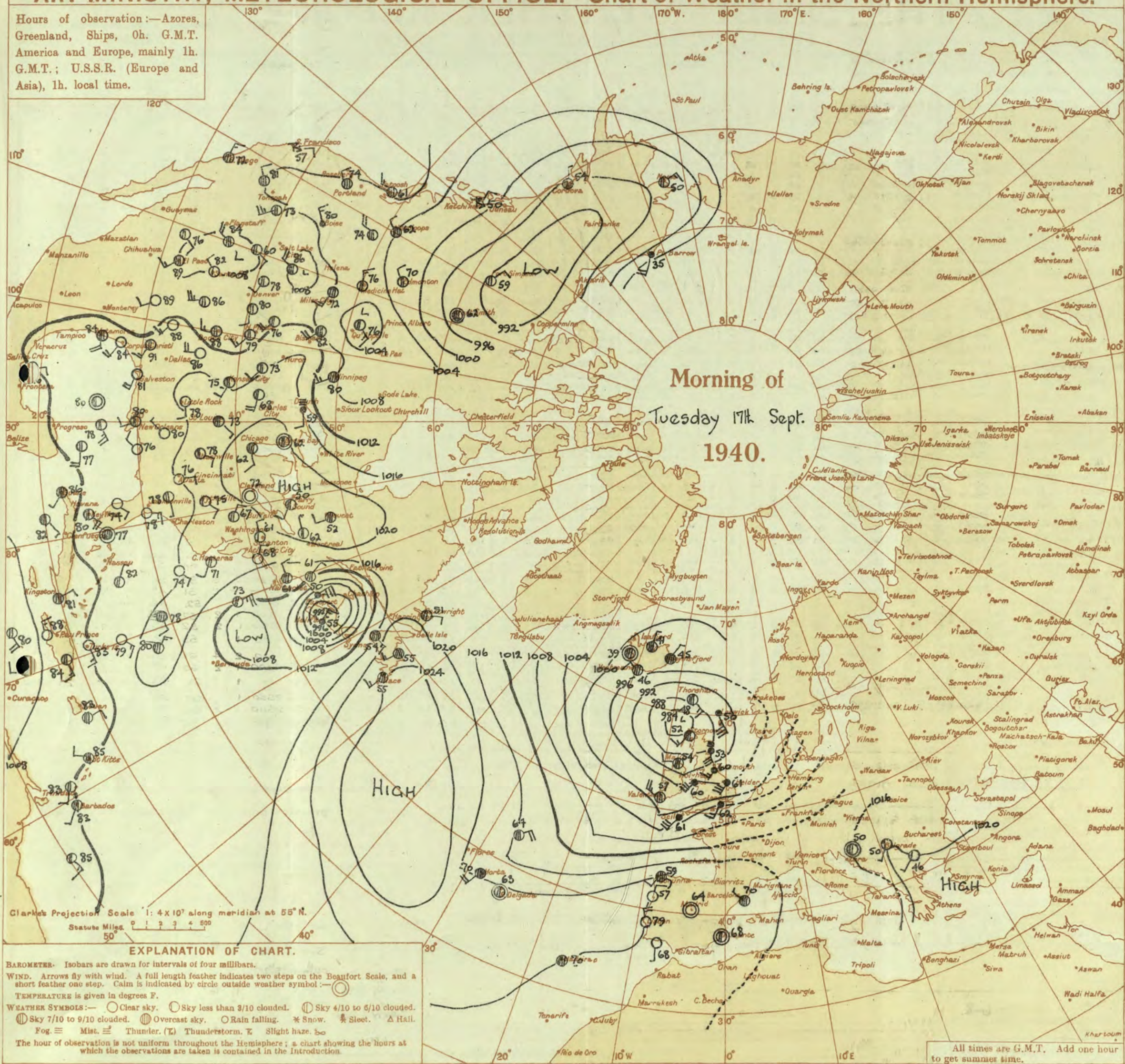
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 17th September, 1940.

No. 783.

OBSERVATIONS at 1 hr. G.M.T. 17th September														OBSERVATIONS at 7 hr. G.M.T. 17th September														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 Hr. (36)				
					Direc. (3)	Force (4)					Form. (9)	Amount. (10)	Height of Base (feet) (11)			Direc. (17)	Force (18)					Form. (23)	Amount (24)	Height of Base (feet) (25)			Max. Day 7h-12h °F. (31)	Min. Night 12h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-12h mm. (34)	Night 12h-7h mm. (35)							
																																Low. (12)	Med. (13)		High (14)	Low (12)	Med. (13)	High (14)
1	London (Kew) ... 18	217	1003.5	-1.4	SSW	3	id	62	85	7	5	2	-	7-8	10	1200	997.4	-2.4	SSW	5	dd	61	92	6	5	-	10	10	1500	1	*	64	59	58	3	0.3	0.0	
	Croydon ... 217	1003.5	-1.4	SSW	3	id	62	85	7	5	2	-	7-8	10	1200	998.3	-2.6	WSW	4	dd	60	97	6	6	-	10	10	600	1	*	66	58	57	2	2	0.2		
	S. Farnborough ... 226	1003.2	-2.2	SW'S	5	id	62	85	7	5	-	-	10	10	1300	998.0	-3.2	SW'S	5	dd	61	92	5	5	-	10	10	800	1	*	67	59	57	3	2	0.2		
	Boscombe Down ... 417	1002.9	-1.8	SW'S	4	9d	61	85	7	5	-	-	10	10	1000	999.3	0	W	6	9p	60	85	8	8	-	7-8	9	600	1	*	67	59	57	3	1	0.4		
	Calshot (Stmntn.) ... 8	1004.5	-1.8	SW'W	6	Z	63	92	6	5	-	-	10	10	1200	999.9	-1.6	WSW	7	dd	63	92	5	5	-	3+	3+	400	1	4	67	60	59	3	1	1.5		
	Lymington ... 346	1006.8	-4	SW	4	C	61	92	7	5	-	-	9+	9+	900	1003.9	-1.2	SW	6	dd	59	97	5	6	-	3+	19	500	1	4	62	58	57	5	0.2	0.0		
	Manston ... 164	1005.3	*	W	5	Z	61	*	6	5	3	*	7-8	10	1500	1002.0	*	WSW	6	id	*	*	6	5	-	10	10	800	*	*	*	*	*	*	*			
2	Shoeburyness ... 11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	999.8	-2.2	SW	5	id	61	85	8	6	-	2	9	3+	800	1	*	63	60	57	1	0.0	
	Felixstowe ... 15	1002.9	-1.0	SW	4	9p	61	92	6	5	7	-	7-8	10	2500	998.1	-2.6	SW	6	C	61	85	8	5	-	9+	9+	1600	1	3	60	58	58	0.6	0.1	0.0		
	Gorleston ... 5	1001.6	-1.2	SW'S	5	12p	61	97	6	5	7	-	10	10	1000	996.6	-2.4	SSW	6	C	62	75	6	5	-	10	10	1200	1	3	60	55	53	Tr	0.6	1.1		
	Mildenhall ... 19	1000.4	-1.6	SW'S	5	9p	63	85	6	5	7	-	7-8	10	2000	994.5	-3.2	SSW	6	C	63	85	7	5	-	9+	3+	1500	1	*	61	60	52	0.4	0.1	0.2		
	Cranwell ... 240	997.5	-1.8	SW	6	Z	63	85	6	5	1	-	4-6	10	2500	990.5	-3.8	SW	6	id	61	85	7	5	-	10	10	800	1	*	62	57	47	Tr	Tr	0.0		
3	Birmingham ... 635	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	994.5	-1.4	WNW	5	bc	57	85	8	5	-	2-3	2-3	1500	1	*	63	57	53	2	2	0.0	
	Upper Heyford ... 408	1001.2	-1.8	SW	5	C	61	85	7	5	-	-	10	10	1200	994.7	-3.2	SW	6	dd	61	97	5	5	-	10	10	300	1	*	64	58	56	6	1	*		
4	Ross-on-Wye ... 223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	997.0	+1.4	WS	5	bc	57	75	8	8	-	2-3	2-3	2500	1	*	67	56	53	1	1	0.5	
5	Hartland Point ... 299	999.0	-2.4	SW	3	9p	62	92	7	8	2	-	9	10	800	1000.0	+0.8	WNW	6	C	57	85	8	8	-	7-8	9	1500	1	5	61	57	55	-	2	0.1		
	Bristol ... 209	1002.2	-1.8	SW	4	C	63	85	7	8	-	-	10	10	1000	999.0	+1.6	WNW	6	C	58	85	9	5	-	4-6	4-6	1000	1	*	65	57	*	4	1	0		
	Portland Bill ... 32	1004.4	-2.0	SW	5	C	59	92	7	5	7	-	7-8	10	4000	1001.3	+2.0	WSW	6	C	60	85	8	5	-	4-6	10	2500	1	4	63	57	*	4	1	0		
	Plymouth ... 82	1003.2	-2.8	SSW	6	Z	61	92	6	5	-	-	10	10	800	1003.5	+4.2	W'N	6	C	59	85	8	8	-	9	9	1900	1	3	65	59	55	0.5	0.5	0		
	The Lizard ... 240	1001.9	-3.8	SW'S	7	dd	60	97	4	5	-	-	10	10	800	1004.7	+3.0	W	6	C	58	85	7	8	-	7-8	7-8	1000	1	5	65	57	*	Tr	Tr	2.4		
	Scilly (St. Mary's) ... 163	1000.3	-4.4	SW'S	6	id	61	97	5	5	2	-	9	10	1000	1004.9	+5.0	WNW	6	C	57	75	7	8	-	4-6	7-8	1000	1	4	66	57	*	Tr	Tr	4.0		
	Guernsey ... 175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	999.3	+4.8	WNW	7	bc	56	75	8	2	-	4-6	4-6	1500	1	4	63	59	*	0.1	5	0.3	
6	Pembroke ... 142	997.1	-2.0	SSW	6	ir	60	97	6	8	-	-	9+	9+	800	999.3	+4.8	WNW	7	bc	56	75	8	2	-	4-6	4-6	1500	1	4	63	59	*	0.1	5	0.3		
7	Holyhead ... 26	999.2	-2.2	SW'S	6	rr	60	97	5	6	2	-	4-6	10	100	998.8	+4.0	WSW	6	bc	55	85	8	2	-	2-3	2-3	1800	1	4	67	52	51	1	21	0.4		
	Chester (Sealand) ... 16	994.1	-1.8	SW'S	5	9p	62	85	6	6	-	-	9+	9+	1000	993.2	+3.0	W'N	3	bc	56	85	8	5	-	4-6	4-6	800	1	*	66	55	53	2	9	0.2		
8	Manchester ... 70	994.5	-2.2	SSW	4	RR	61	97	5	6	2	-	3+	10	700	991.6	+2	WS	5	bc	56	92	6	8	-	9	9+	500	2	*	64	56	54	0.6	29	0.0		
10	Spurn Head ... 29	994.5	-2.6	SW	6	ir	61	92	6	5	-	-	10	10	1500	999.0	-4.0	S'E	6	ir	59	92	6	6	-	10	10	2500	1	4	59	56	*	Tr	1	0.5		
	Catterick ... 175	991.7	-2.6	SW	3	ir	61	92	5	5	2	-	7-8	10	1500	988.0	-8	WS	4	9p	57	85	6	5	-	7-8	9+	1200	1	*	56	54	53	5	4	0.1		
	Tynemouth ... 108	990.7	-2.0	SW	3	rr	60	97	6	-	2	-	10	10	2500	986.7	-8	SW	3	9p	57	92	6	-	2	-	10	10	2700	1	1	55	53	51	5	15	*	
11	St. Abbs Head ... 280	988.3	-2.6	S	2	9p	54	97	5	5	2	-	7-8	10	1500	984.9	-6	SW	4	rr	55	92	7	5	-	4-6	10	2500	1	2	56	51	*	3	16	*		
	Leuchars ... 36	987.7	-3.0	WNW	2	rr	53	97	2	-	-	-	10	10	1500	983.6	-12	WSW	3	rr	52	97	7	6	-	7-8	10	1200	2	*	54	51	50	1	17	3.2		
12	Bentley (Abbots L.) ... 19	988.4	-1.0	-	0	rr	51	97	3	-	2	-	10	10	600	986.4	+6	WS	3	ir	51	92	7	5	-	9	9+	1200	1	*	60	50	49	13	16	0.0		
	Eskdalemuir ... 794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	986.2	+4	WNW	5	rr	51	92	6	-	2	-	10	10	450	1	3	52	50	49	13	31	0.0
	Point of Ayre ... 30	989.4	-1.8	WS	5	ir	62	97	8	6	2	-	4-6	10	1500	990.5	+2.0	WNW	6	C	54	85	8	8	-	7-8	7-8	1500	1	3	64	53	*	13	10	0.0		
13A	Tiree ... 22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	985.2	-4	SW	3	bc	51	85	8	8	-	2-3	2-3	2500	0	3	57	50	*	3	0.6	0.0	
13B	Stormoway ... 80	985.2	+4	SW	3	C	52	92	7	5	7	-	7-8	10	1000	983.1	-6	SW	3	bc	49	85	8	6	-	2-3	4-6	1500	1	2	51	48	*	13	0.6	0.2		
15	Dalwhinnie ... 1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	982.5	-2.0	NW	2	C	47	85	7	5	-	9	9	800	1	*	52	46	44	1	3</		



AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 10th September 1940.

No. 26,790.

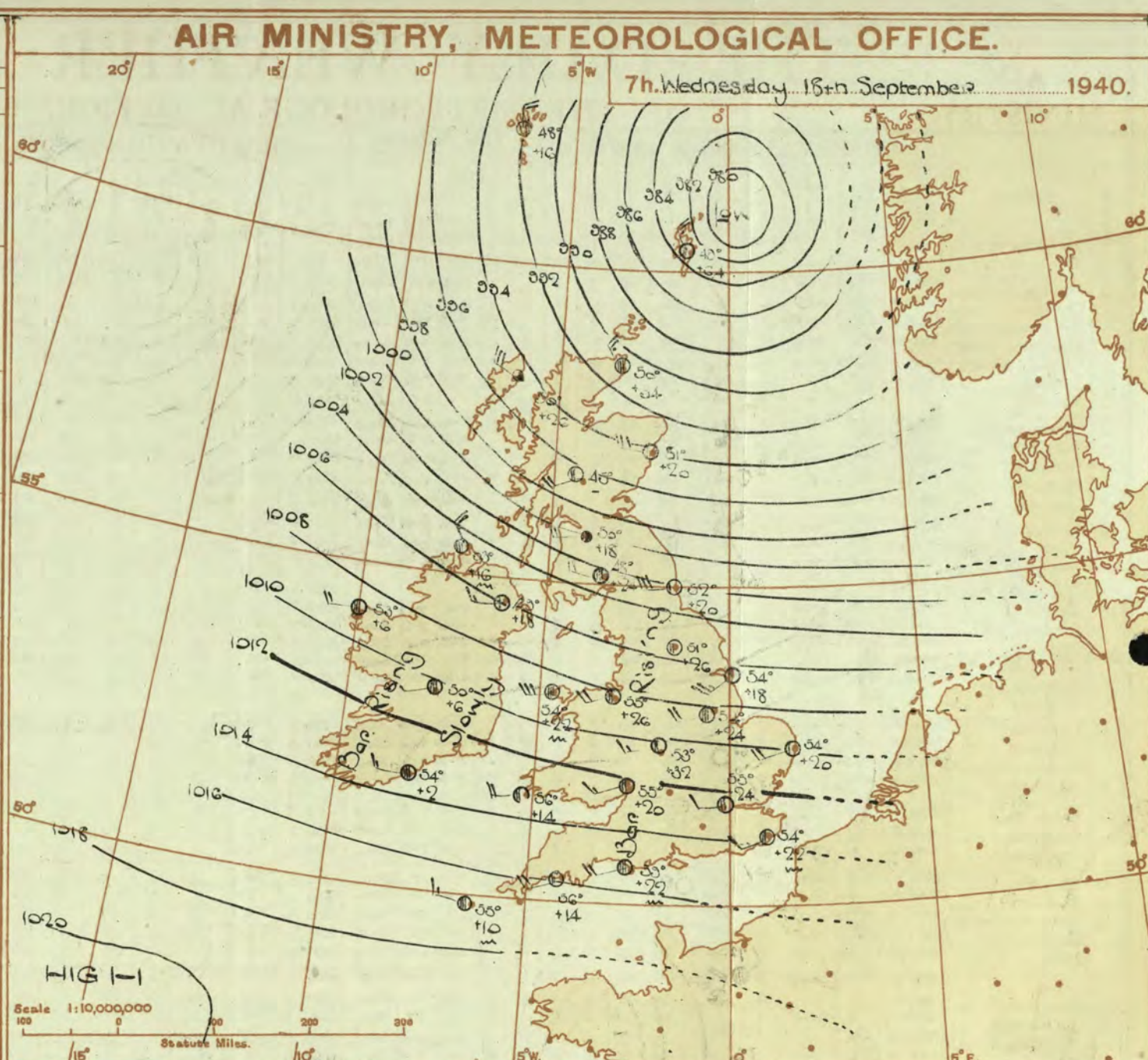
OBSERVATIONS at 13h. G.M.T. 17th September														OBSERVATIONS at 18h. G.M.T. 17th September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				Direc.	Force.					Form.	Amount.	Height of Base. (feet)	Direc.			Force.	Form.					Amount.	Height of Base. (feet)	Direc.	Force.			Form.	Amount.					Height of Base. (feet)	7h.—18h. 17th	18h.—18h. 17th	18h.—17h. 18th	1h.—7h. 18th																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
																																							Low.	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1	London (Kew)...	1003.1	+2.0	WSW	5	c	64	45	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1003.0	+2.2	WSW	5	c	62	55	8	-	-	7-8	1



Abridged observations of additional stations in the AVIATION WEATHER CODE															
13h. G.M.T. 17th Sept.				18h. G.M.T.				01h. G.M.T. 18th Sept.				07h. G.M.T.			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN		C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN		C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	
109	37	10845	24528	62	62637	57668		22	64645	60538	62	64642	61768		
115	37	02944	20425					52	81834	28685	87	02844	28686		
203	83	01853	20414												
206	8-	02065	24280	87	25855	22587		57	61855	54567	53	22055	23467		
210	84	25954	22414	5-	61847	56517									
220	23	01954	25414	87	25754	29685					20	01754	28504		
230	17	31854	24186								8-	10044	58004		
245	3-	10655	55485	86	01054	24565	54	02964	24627	26	00961	57502			
260	8-	25356	20486	87	02854	57485		50	00763	67503	50	00763	22513		
277	86	25855	20887	86	25854	24584		53	26843	25587	86	08533	23583		
279	-	21438	24688												
285															
288	87	02855	52565	84	01853	55683	5-	02865	53515	8-	02855	53415			
273															
301	33	25744	55765	20	01753	58783	5-	02757	50557	23	02744	58584			
321	80	01764	57514	80	01763	57583	50	05664	28414	3-	81760	24033			
299	80	01745	23615	50	25744	23684	50	00741	23401	50	01752	23402			
292	77	14854	54665	40	25852	55682	5-	02807	57417	76	01854	2214			
310		62543	24615	-	02643	20615	50			-	03628	24558			
316	8-	01755	87967	8-	02855	53585	50	01773	22203	8-	02745	24325			
333				8-	02757	24627	8-	02855	58258	23	01864	26514			
334		82747	55868							-	02746	24526			
340	2-	02955	53525	80	01954	55514	50	00862	20112	50	01964	24214			
136				40	01264	53614				53	01851	21515			
336		81853	20503							-	22853	28565			
350	80	01555	53625	40	01854	53614									
368	2-	02745	56785	8-	14637	57627	8-	02757	56587	54	02855	24426			
379	20	01855	22615	20	25744	24684	40	00761	24411	40	01753	20413			
390	20	01854	57514	40	01753	53615				53	05653	25415			
382	8-	02846	54526	86	02854	54425	00	00730	22400	54	01854	22304			
438	50	01843	56713							83	02744	57614			
430	10	01843	55683	80	01754	55614	53	00701	24603	83	01753	26+13			
409	84	02745	52785	80	05752	55613	5-	01745	58615	84	02844	25416			

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 C, C<sub>M</sub> = Total amount of cloud—See M.O. 252.  
 C, C<sub>M</sub> = 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. 18th September 1940
1 S.E. England	
2 E. England ...	Moderate or fresh west wind, decreasing; considerable bright periods;
3 E. Midlands ...	scattered showers; average temperature.
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Fresh squally west wind, decreasing; bright intervals; showers: average
9 N. Midlands ...	temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W.Scot- land.	Strong squally west to northwest wind, gale locally decreasing; bright
14 Mid Scotland	intervals; showers; perhaps local thunder; cool.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	Moderate west wind; fair at first; perhaps local rain tomorrow;
19 S. E. Ireland	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.

#### GENERAL INFERENCE.

A deep depression east of Shetland is moving slowly northeast and beginning to fill up. In Northern districts there will be bright intervals and showers. In the South there will be considerable bright periods with scattered showers. The strong squally northwest winds in the North will moderate slowly. Temperature will be about average and visibility good generally.

#### FURTHER OUTLOOK.

Rather unsettled but bright intervals; west to southwest winds.

Gale Cone hoisted at 0810 on 17/9/40 in district 11; at 1530 on 17/9/40 in district 13abb; and at 2015 on 17/9/40 in districts 15 and 16.

Forecasts issued at 10.30h.

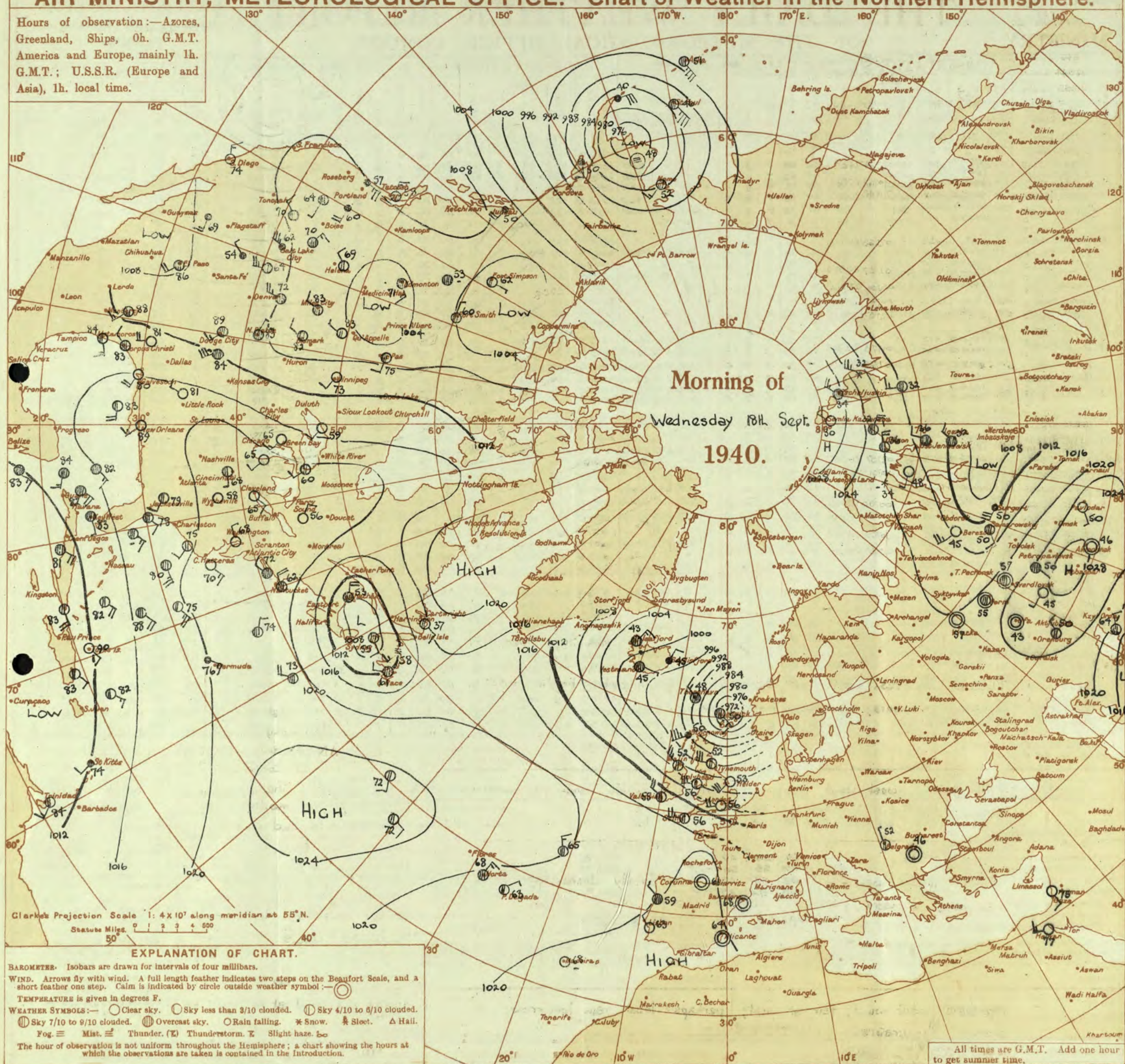
N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.

Printed S.O. Press, Cornwall House & Co.



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday 18th September 1940.

No. 28,730.

OBSERVATIONS at 1 hr. G.M.T. 18th September.														OBSERVATIONS at 7 hr. G.M.T. 18th September.														PAST 24 HOURS.													
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at 1 hr. M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			Barom. at 7 hr. M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			Sea.	TEMPERATURE.					RAINFALL.		SUNSHINE in 24 hrs.								
					Direc.	Force.					Form.	Amount.	Height of Base (feet).			Direc.	Force.					Form.	Amount.	Height of Base (feet).		State of sky.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.										
																																(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	London (Kew)	18	1008.5	+10	W	4	b	56	85	7	5	-	1	1	1500	1012.8	+24	W	2	bc	55	85	7	5	4	1	Tr	1	2500	1	66	54	48	0.5	-	6.8					
	Croydon	217	1008.5	+10	W	4	b	56	85	7	5	-	1	1	1500	1012.8	+24	W	2	bc	55	85	7	5	4	1	Tr	1	2500	1	66	54	48	0.5	-	7.2					
	S. Farnborough	226	1008.5	+10	WSW	5	b	55	83	7	5	-	1	1	2000	1013.5	+26	WSW	4	bc	54	83	8	5	-	1	2-3	4000	1	68	52	48	0.4	Tr	7.4						
	Boscombe Down	417	1010.0	+14	WSW	4	id.	55	85	7	8	-	9+	9+	1200	1013.6	+22	WSW	4	bc	53	92	7	8	-	1	4-6	1200	0	65	52	50	-	0.3	6.5						
	Calshot (Stmntn.)	8	1010.4	+10	W's	4	b	57	75	7	8	-	Tr	1	2500	1013.9	+22	W	4	c	56	85	7	8	3	1	4-6	7000	1	67	54	52	0.4	-	5.6						
	Lympe	348	1010.0	+14	SW	3	bc	56	75	7	5	-	4-6	4-6	4000	1013.7	+22	WSW	2	bc	54	85	8	2	6	-	Tr	4	2500	1	68	52	47	0.6	-	6.3					
	Manston	154	1009.6	-	WSW	4	b	-	-	7	-	-	-	-	0	Tr	-	-	W's	3	b	-	-	8	-	-	1	1	3500	-	-	-	-	-	-	-					
2	Shoeburyness	11	-	-	-	-	-	-	-	-	-	-	-	-	-	1012.2	+24	SW	3	bc	56	85	8	4	4	-	2-3	2-3	2500	0	68	51	50	Tr	-	6.5					
	Felixstowe	15	1007.2	+18	SWW	4	c	57	75	8	4	-	7-8	7-8	3000	1010.6	+18	WSW	4	c	56	75	8	5	-	-	9	9	4000	0	69	54	50	Tr	-	7.1					
	Gorleston	5	1005.4	+20	WSW	3	b	56	75	7	-	-	-	0	0	-	1009.0	+20	WSW	4	b	54	92	7	-	4	-	0	Tr	-	0	69	53	47	Tr	-	7.1				
	Mildenhall	19	1005.8	+18	WSW	5	c	54	75	7	5	3	2-3	0	4000	1009.9	+26	WSW	4	c	56	75	8	5	-	-	9	9	4800	0	69	51	45	-	-	6.3					
	Cranwell	240	1004.7	+20	W	4	b	51	85	7	-	-	-	0	0	-	1008.6	+24	WSW	4	c	54	85	8	8	-	-	9+	9+	2000	1	66	49	47	Tr	Tr	7.3				
3	Birmingham	535	-	-	-	-	-	-	-	-	-	-	-	-	-	1010.9	+32	WSW	3	bc	53	75	8	5	5	-	4-6	4-6	4000	1	62	51	47	Tr	-	6.7					
	Upper Heyford	408	1007.2	+12	WSW	4	b	53	85	8	-	-	-	0	0	-	1011.4	+26	WSW	4	bc	53	85	8	5	-	-	2-3	2-3	4000	1	65	52	47	0.5	-	-				
4	Ross-on-Wye	223	-	-	-	-	-	-	-	-	-	-	-	-	-	1012.0	+20	W's	3	bc	55	75	8	8	-	-	4-6	4-6	4000	0	63	54	50	Tr	-	6.0					
5	Hartland Point	299	1010.9	+12	W	6	c	57	85	8	8	-	7-8	7-8	1500	1013.9	+20	WNW	5	c	57	75	8	8	4	1	4-6	7-8	1500	0	61	56	53	0.3	Tr	8.0					
	Bristol	209	1010.0	+16	W	4	bc	56	85	8	5	3	2-3	4-6	2000	1013.6	+24	W	3	bc	54	87	8	5	3	5	2-3	2-3	2000	0	64	53	48	Tr	0.3	7.3					
	Portland Bill	32	1012.2	+16	WSW	6	c	59	92	7	5	4	4-6	7-8	1000	1014.8	+22	WSW	4	c	59	85	8	5	7	-	7-8	9	4000	1	63	57	-	-	-	-					
	Plymouth	82	1013.0	+8	W	6	c	58	75	7	5	-	2-3	2-3	2500	1015.5	+14	WSW	4	c	56	85	7	8	4	6	2-3	7-8	2000	0	63	56	52	0.1	-	6.1					
	The Lizard	240	1014.6	+6	WN	5	bc	57	85	8	8	-	4-6	4-6	2500	1016.0	+16	WN	3	bc	58	85	8	8	4	-	4-6	4-6	2500	0	63	53	-	-	-	8.7					
	Scilly (St. Mary's)	163	1015.0	+12	WN	5	bc	56	85	8	8	6	2-3	2-3	1500	1016.4	+16	WN	3	c	55	85	7	8	4	4	4-6	4-6	1500	1	63	54	-	0.1	Tr	8.0					
	Guernsey	175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
6	Pembroke	142	1009.9	+18	WN	6	cq	57	85	7	8	-	7-8	7-8	1800	1013.8	+14	W	4	bcq	56	75	8	8	4	-	4-6	4-6	2000	1	61	59	-	Tr	-	7.5					
7	Holyhead	26	1009.9	+12	W	6	c	56	85	8	5	-	7-8	7-8	2100	1009.6	+22	W	6	c	54	85	8	2	5	6	1	7-8	2500	1	61	53	51	-	-	5.8					
	Chester (Sealand)	16	1009.5	+10	WSW	3	bc	52	75	6	5	-	4-6	4-6	3100	1009.1	+26	W's	4	bc	55	85	8	2	-	-	4-6	4-6	2500	1	64	52	51	0.1	Tr	6.8					
8	Manchester	70	1004.0	+12	WSW	5	c	54	75	7	5	-	9+	9+	3000	1008.0	+30	W's	5	bcpr	53	75	7	8	-	-	4-6	4-6	2500	1	62	54	48	0.3	1	2.9					
10	Spurn Head	29	1001.0	+14	SWW	6	bq	53	75	7	-	-	0	0	-	1005.7	+18	SW	5	bq	54	85	6	4	-	-	4-6	4-6	4000	0	65	51	-	0.5	-	6.8					
	Catterick	175	1000.5	+14	WS	4	c	54	75	8	5	-	7-8	7-8	3000	1004.5	+26	WN	1	bc	51	75	8	5	-	-	2-3	2-3	2200	0	61	48	41	1	0.1	8.3					
	Tynemouth	108	997.1	+30	W	6	bcq	53	75	7	2	3	2-3	4-6	3400	1002.2	+20	W	6	bq	52	75	7	-	8	-	0	1	-	1	2	60	51	45	5	-	-				
11	St. Abbs Head	280	991.9	+14	W	7	bcq	51	75	8	1	5	Tr	2-3	2500	996.5	+20	W	8	bq	51	75	8	4	-	-	1	1	2500	0	57	49	-	Tr	-	-					
	Leuchars	36	993.0	+38	SW	5	bc	51	75	9	-	3	-	0	4-6	-	997.4	+26	WSW	4	bc	51	65	8	5	-	-	2-3	2-3	2000	0	59	43	42	2	Tr	2.9				
12	Renfrew (Abbots I.)	19	997.1	+26	W	5	bc	51	75	8	-	-	2-3	2-3	2000	1001.8	+18	W	4	pr	50	85	8	5	-	3	7-8	7-8	1200	1	58	48	44	8	3	3.3					
	Eakdalemuir	704	-	-	-	-	-	-	-	-	-	-	-	-	-	1002.6	+24	WNW	4	pr	48	85	8	5	-	-	9	9	1500	1	54	46	44	11	1	3.7					
	Point of Ayre	30	1001.6	+24	WNW	6	c	55	92	8	-	-	9+	9+	1500	1006.6	+26	WNW	6	b	53	85	8	8	4	-	Tr	1	2500	0	59	52	-	Tr	7.4						
13A	Tiree	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
13B	Stormoway	80	991.1	+22	W	7	ir	50	92	6	5	2	-	9	10	800	996.3	+26	WNW	6	ir	50	85	7	8	7	-	7-8	9+	800	1	52	49	-	1	0.6	5.6				
15	Dalwhinnie	1176	-	-	-	-	-	-	-	-	-	-	-	-	-	996.2	+20	WSW	4	bc	45	85	7	3	-	-	2-3	2-3	1500	1	54	44	39	2	1	1.4					
	Aberdeen	79	-	-	-	-	-	-	-	-	-	-	-	-	-	993.5	+20	WNW	6	bc	51																				



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 18th September														OBSERVATIONS at 18h. G.M.T. 18th September														PAST 24 HOURS.								
DISCREP.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				Barom. at M.S.L. mb. (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.							
				Direc. (3)	Force. (4)					Low. (9)	Med. (10)	High (11)	Low (12)			Total 0-10 (13)	Height of Base (feet) (14)					Direc. (17)	Force (18)	Low. (23)	Med. (24)				High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 18th (37)	13h.—18h. 18th (38)	18h.—19h. 19th (39)	19h.—7h. 19th (40)
1	London (Kew)...	1014.1	0	W's	3	c	64	45	8	-	6	7-8	7-8	2500	1013.3	-4	SW	3	c	60	65	7	5	-	8	7-8	3	2500	0	*	bccy	cye	c	c		
	Croydon ...	1014.2	+2	W	3	bc	66	45	8	+	4	4-6	7-8	2500	1013.3	-2	W	2	c	59	65	7	7	2	0	3	-	0	*	bccy	cy	bcc	circ			
	S. Farnborough	1015.3	+10	SW	4	c	65	45	8	3	1	7-8	3	3500	1014.1	-6	SW	2	c	59	75	7	8	7	-	7-8	10	3000	0	*	bccy	c	cbcc	*		
	Boscombe Down	1015.1	+2	W	4	c	62	55	8	-	8	7-8	7-8	3000	1014.2	+2	SW	3	cjp	58	75	8	6	3	3	4	2000	0	*	bcc	c	cbcc	*			
	Calshot (Soton.)	1015.3	+4	WSW	4	c	62	75	8	3	6	7-8	3	2500	1014.6	-4	W's	4	c	59	75	7	2	3	7	Tr	10	3000	1	3	bcc	c	cb	bccps		
	Lympe	1015.0	+2	SW	3	c	64	65	8	2	-	6	7-8	3	2500	1015.2	+2	SW	1	c	57	85	8	5	7	-	2-3	3	3500	0	*	bcc	c	cb	cbcc	
	Manston	1015.0	0	SW	3	c	64	65	8	2	-	6	7-8	3	2500	1015.0	0	SW	3	c	57	85	8	5	7	-	2-3	3	3500	0	*	bcc	c	cb	R	
2	Shoeburyness ...	1014.1	+2	WSW	3	c	67	45	8	2	-	1	4-6	7-8	4000	1014.1	+2	SW	3	c	61	65	8	4	7	-	4-6	3	4000	0	*	bccy	cye	cb	ircsprc	
	Felixstowe	1012.8	+4	W	4	bc	65	45	8	4	+	3	4-6	7-8	3500	1013.1	+2	WSW	3	c	63	55	8	5	7	7	2-3	10	4000	0	2	bccy	bccy	cybacc	ccidirm	
	Gorleston	1011.8	+6	WNW	4	bc	66	55	7	1	-	1	2-3	4-6	2500	1012.2	+2	W	2	c	64	55	7	-	7	-	0	7-8	-	0	2	bccy	bccy	bcc	c	
	Mildenhall	1012.3	+4	WSW	5	bc	67	35	7	1	-	6	2-3	4-6	3000	1012.2	0	WSW	3	c	61	55	8	4	-	3	3	3000	0	*	cbccy	bccy	cyb.c	c		
	Cranwell	1011.6	+6	W	5	c	62	35	7	3	6	5	7-8	3	2500	1011.5	-2	W/N	3	c	59	45	8	5	-	3	3	2500	0	*	prbcc	cy	cb.ccm	cmo		
3	Birmingham	1012.6	+4	W	4	c	60	45	8	-	-	3	3	3	4000	1011.7	-4	WSW	3	c	59	55	8	5	-	3	3	2500	1	*	bcc	cbcc	cbcc	bccps		
	Upper Heyford	1013.3	+2	W's	4	c	60	55	8	-	1	7-8	7-8	2500	1012.3	-2	SWW	3	bc	58	65	8	4	4	1	2-3	2-3	3500	1	*	ba	c	*	ccirb		
4	Ross-on-Wye	1013.3	+6	W	3	c	60	55	8	5	-	3	3	3	4000	1012.6	-8	SW	3	bc	58	65	8	5	-	4-6	4-6	4000	0	*	cbccy	cbcc	bcc	c		
5	Hartland Point	1014.3	0	SW	5	pr	58	75	8	4	3	7-8	3	1500	1012.3	-8	WSW	4	c	58	75	8	5	-	3	3	3500	0	3	cbccp	pe	cp	cp			
	Bristol ...	1014.0	0	W	4	c	61	65	8	8	-	8	7-8	3	2500	1014.1	0	WSW	4	bc	58	75	8	5	6	-	4-6	7-8	4000	0	3	bcc	cbcc	cp	*	
	Portland Bill	1016.7	+14	WSW	4	c	60	85	8	5	4	-	4-6	7-8	4000	1016.6	-4	SW	4	c	50	85	8	5	-	4	10	10	4800	1	4	bccjprc	c	c	prb	
	Plymouth	1016.2	+2	SW	4	c	60	75	8	5	7	6	4-6	7-8	3000	1016.2	-6	SW	4	c	50	75	8	5	7	-	7-8	3	4000	0	2	bccjprc	c	c	ccidirm	
	The Lizard	1016.4	0	S	2	c	62	75	8	6	-	7-8	7-8	2000	1016.8	-12	SW	3	c	58	85	8	6	-	7-8	7-8	2500	0	2	bcc	c	c	ccidirm			
	Soilly (St. Mary's)	1016.2	-3	SW	2	c	62	65	8	4	4	4-6	3	1800	1013.5	-8	SW	3	c	60	75	8	6	-	4-6	7-8	1500	0	3	cpoc	c	cyzpr	cpic			
	Guernsey	1016.2	-3	SW	2	c	62	65	8	4	4	4-6	3	1800	1013.5	-8	SW	3	c	60	75	8	6	-	4-6	7-8	1500	0	3	cpoc	c	cyzpr	cpic			
6	Pembroke	1013.3	0	WSW	5	c	60	75	8	8	7	8	4-6	7-8	2000	1012.0	-6	SW	6	q	58	85	8	8	7	-	4-6	7-8	1800	1	3	bccp	prccy	cbccy	cirg	
7	Holyhead	1010.8	0	SWW	5	c	58	75	8	5	3	-	3	3	5700	1008.3	-16	SW	5	c	58	75	8	5	3	6	2-3	3	7200	1	3	bccp	cbcc	cbcc	rcbc	
	Chester (Sealand)	1011.1	+2	WSW	3	c	63	45	8	8	-	2	7-8	3	2500	1010.6	-6	SW	2	bc	58	65	8	4	3	1	4-6	7-8	3500	1	*	bcc	yprbc	bcczcc	barRc	
8	Manchester	1011.0	+8	W	4	c	58	65	8	6	6	7-8	7-8	2800	1010.7	-4	SW	2	bc	55	75	7	2	3	1	1	2-3	3200	0	*	bcc	cbcc	bcczcc	ccrrRc		
10	Spurn Head	1009.5	+12	SWW	6	cq	62	65	8	-	3	4-6	7-8	4000	1010.4	+2	SW	2	c	58	75	6	4	-	2	7-8	3	4000	0	2	ccp	c	bcc	c		
	Catterick	1008.6	+18	W's	3	pr	57	65	8	2	-	3	7-8	3	2200	1009.1	+2	SW	1	bc	53	85	8	3	-	4	4-6	4-6	4000	1	*	ccpr	ccpr	bcc	ccpr	
	Tynemouth	1006.6	+20	W	3	bcq	59	65	8	2	3	2	2-3	4-6	3200	1007.0	+6	W	3	bc	56	65	8	2	3	-	2-3	4-6	3400	1	2	bccy	bccy	bcc	ccrr	
11	St. Abbs Head	1002.8	+42	WNW	7	bcq	56	65	8	2	4	5	2-3	4-6	2500	1005.4	+12	W	4	bc	58	75	8	4	3	1	2-3	4-6	2500	0	3	bccy	bccy	bcc	rrc	
	Leuchars	1002.3	+24	WSW	5	bc	60	55	8	2	6	6	4-6	7-8	2500	1004.0	+10	WSW	3	bc	54	65	8	8	6	-	2-3	2-3	4000	0	*	bccy	bccy	bcc	ccrr	
12	Reafrow (Abbots L.)	1005.6	+14	WSW	4	c	50	65	8	3	6	-	3	3	2500	1005.3	-2	W	2	c/pr	53	85	8	5	6	-	7-8	7-8	2800	1	*	ccpr	ccpr	ccpr	ccpr	
	Esksdalemuir	1006.1	+18	WNW	4	c/pr	52	75	7	5	4	-	4-6	7-8	1500	1006.0	0	SW	2	bc	51	85	8	5	-	1	4-6	4-6	2500	1	*	cbccp	ccrr	bcc	ccrr	
	Point of Ayre	1008.3	+12	W's	5	c	60	75	8	8	4	-	3	3	2500	1007.4	-8	SWW	3	c	56	85	8	5	4	6	4-6	7-8	4000	0	2	bcc	ccrr	bcc	ccrr	
13A	Tiree	1004.3	+4	W	3	bc	58	75	8	7	3	-	2-3	4-6	2500	1002.4	-4	SW	2	bc	53	85	8	6	3	-	4-6	4-6	1800	0	2	bc	bccp	bcc	cirbc	
13B	Stornoway	1001.0	+18	W	5	bc	53	75	8	5	-	-	4-6	4-6	1600	1011.3	0	WSW	2	c	50	85	8	5	7	-	4-6	7-8	2500	1	1	cirbc	bccp	bccp	bccp	
15	Dalwhinnie	1002.1	+13	WSW	5	bc	53	85	7	2	4	-	4-6	4-6	2500	1003.0	+6	SW	3	bc	48	75	7	8	-	-	4-6	4-6	2500	1	*	ccpr	ccpr	*	bccp	
	Aberdeen	999.3	+24	WNW	5	bc	57	55	8	7	-	1	4-6	4-6	4000	1003.1	+16	WNW	3	bc	55	65	8	5	-	3	2-3	4-6	4000	0	2	bccy	bccy	bcc	bcc	
	Wick	997.3	+34	NW	5	pr	53	75	7	5	7	-	7-8	3	1500	1000.3	+14	WNW	3	bc	50	75	8	5	7	2	2-3	4-6	2500	1	2	ccprq	prbc	bcc	bcc	
16	Lerwick	991.3	+34	W/N	5	c	52	85	7	8	7	-	4-6	7-8	800	994.3	+16	W/N	5	c/pr	50	82	7	8	7	-	7-8	10	800	1	*	ccpr	prbc	bcc	bcc	
17	Blacksod Point...	1007.7	-12	SW	3	bc	59	75	8	3	-	3	2-3	4-6	1500	1001.8	-40	S	5	pr	57	85	7	8	-	-	3	3	1500	0	3	bc	ccprbc	prccy	prccy	
18	Malin Head	1006.2	+6	W	4	c	57	85	8	8	-	-	7-8	7-8	5700	1003.3	-16	SW	2	c	55	85	8	4												

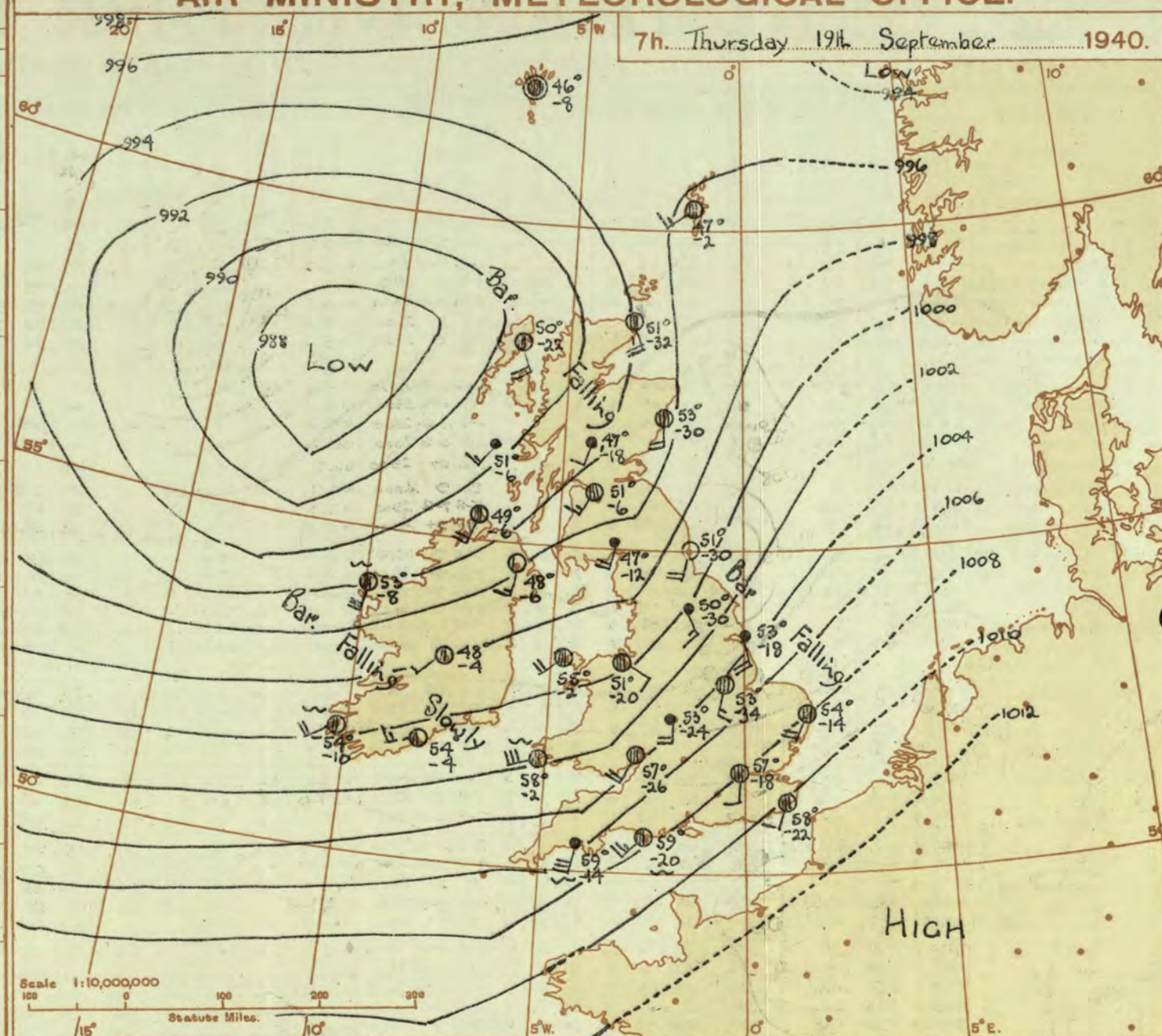


Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 12th Sept.				18h. G.M.T.				01h. G.M.T. 13th Sept.			
III	C <sub>M</sub>	ww	VhN	DDFWN	C <sub>M</sub>	ww	VhN	DDFWN	C <sub>M</sub>	ww	VhN
109	87	02654	59665	87	02854	23526	40	02866	20216		
115				57	02844	28685	51	01863	22424	52	62844 16467
203	6-	01854	24564								
206	83	01954	26384	87	02865	22425	54	01964	00004	52	02855 09268
210	87	02356	59567	60	02954	23326	50	00962	16102	5-	61858 10328
220	23	01954	27204	24	01953	23103				55	27010 25428
230	86	02954	02485				51	22846	16267		
245	86	01863	57614	44	01933	24424	52	62747	00068		
260	73	01864	24514	80	01763	22313	87	02865	20216	57	02845 16226
277	8-	10207	22417	3-	10257	18387	8-	81757	16487	83	02855 19435
279											
285	20	02845	24715	23	25744	26585				6-	63748 18558
288	84	02854	56525	84	01864	21424	51	00763	18328	02	64668 51528
273	83	10754	24345							37	10652 20383
301	2-	02853	57516	23	02763	23415	53	21765	16455	57	02645 18467
321	8-	17605	56516	57	01664	22324	03	05670	19328	62	64735 17368
290	80	01754	56514	57	02754	23316	51	05643	20314	57	02745 20517
292	8-	14845	55586	73	01863	24324	07	05690	20118	62	64645 16368
310					01644	24414				--	64628 24468
316	81	02755	22326	46	02765	18126	53	02653	19327	67	63634 18467
333	77	02355	22417	13	02851	20427				87	02855 24427
334		02857	22428	--	01863	24363					22754 22468
340	80	02865	22417	50	01873	20313	5-	02867	16327	62	64626 00068
136	74	01863	22685	54	02874	22317					
336		02854	20527		01853	24514					64742 24568
350	20	02855	24315	5-	01975	20425				87	02844 16467
368	87	02856	23317	83	02855	23416	57	02854	22425	57	02754 53527
379	20	01754	22314	54	01864	22314	5-	02768	20328	6-	22747 18367
390	40	01854	24414				--	05677	23227	--	05644 20367
382				47	02864	22325				53	02865 17526
438	83	02754	24515								
430	80	02864	22416	83	02851	20427	73	02763	00027	86	26757 20487
409	53	02853	20427	83	02843	17426	53	01843	16425	5-	64738 18588

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 = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, C<sub>M</sub> = 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. Thursday 19th September 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 19th September
1 S.E. England	Moderate or fresh southwest to west wind, strong at times locally on coast; occasional rain, brighter intervals, risk of local thunder later; average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Moderate or fresh southwest to west wind, strong at times locally; occasional rain or showers with local thunder but bright intervals; average temperature.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind southeast becoming northeast or variable, light or moderate; rain at times; average temperature.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scotland.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	Wind southeast becoming northeast or variable, light or moderate; rain at times; average temperature.
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

### GENERAL INFERENCE.

A depression off the Hebrides will move east and then northeast, and another depression will follow from the Atlantic maintaining a very unsettled type of weather.

### FURTHER OUTLOOK.

Thundery showers and bright intervals at first in the East, then continuous rain spreading from West with strong southwest winds or gales.

Forecasts issued at 10.30. G.M.T.

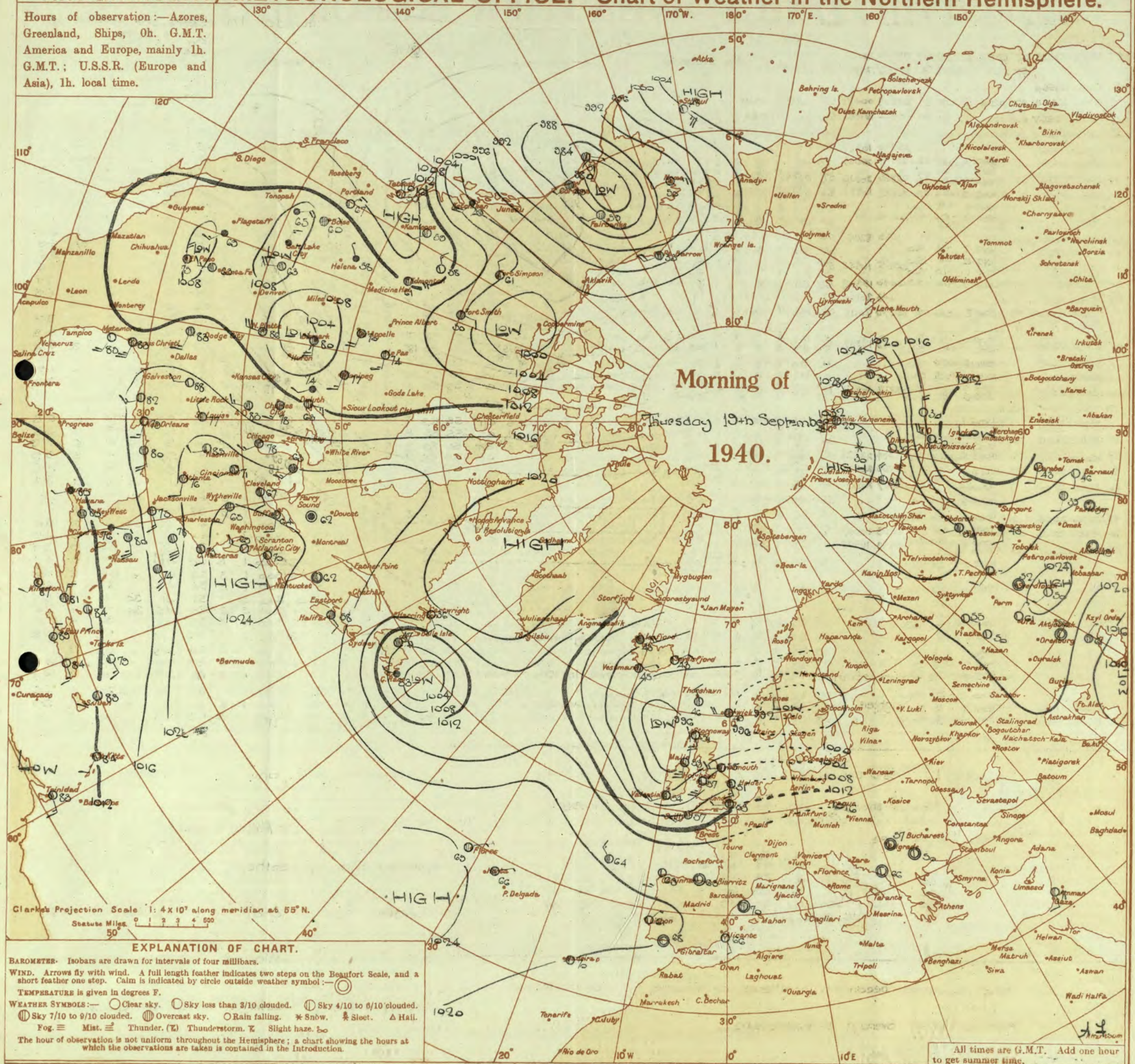
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

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



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

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





## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 19th September 1940.

No. 28, 791.

OBSERVATIONS at 1 hr. G.M.T. 19th September														OBSERVATIONS at 7 hr. G.M.T. 19th September														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. (6)	Humid. (7)	Visibility (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours (16)	Wind.		Temp. (20)	Humid. (21)	Visibility (22)	Cloud.					Barom. at M.S.L. (29)	Change in 3 hours (30)	TEMPERATURE.		RAINFALL.		SUR- SHINE 18th Hrs.				
					Dir.	Force.				Form.	Amount.	Height of Base (feet) (14)	Dir.	Force.			Form.	Amount.				Height of Base (feet) (28)	State of Ground. (30)	Sea. (31)	Max. Day 7h-18h (32)	Min. Night 18h-7h (33)			Min. on Grass (34)	Day 7h-18h (35)	Night 18h-7h (36)						
																																Low.		Med.	High	Low 0-10	Total 0-10
1	London (Kew) ...	18	30.24	-1.4	W	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Croydon ...	217	30.24	-1.4	W	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	S. Farnborough ...	226	30.24	-1.4	W	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Boscombe Down ...	417	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Calshot (Stamtn.) ...	8	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Lymington ...	346	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Manston ...	154	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
2	Shoeburyness ...	11	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Felixstowe ...	15	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Gorleston ...	5	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Mildenhall ...	19	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Cranwell ...	240	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
3	Birmingham ...	535	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Upper Heyford ...	408	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
4	Ross-on-Wye ...	223	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
5	Hartland Point ...	299	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Bristol ...	209	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Portland Bill ...	32	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Plymouth ...	82	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	The Lizard ...	240	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Scilly (St. Mary's) ...	163	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Guernsey ...	175	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
6	Pembroke ...	142	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
7	Holyhead ...	26	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Chester (Sealand) ...	16	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
8	Manchester ...	70	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
10	Spurn Head ...	29	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Catterick ...	175	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Tynemouth ...	108	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
11	St. Abbs Head ...	280	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Leuchars ...	36	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
12	RAF Leuchars ...	19	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Eckdalemuir ...	794	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Point of Ayre ...	30	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
13A	Tiree ...	22	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
13B	Stornoway ...	80	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
15	Darwhinnie ...	1178	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Aberdeen ...	79	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
	Wick ...	81	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
16	Lerwick ...	156	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
17	Blackod Point ...	18	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	7	S	10	2000	1007.5	-1.8	SSW	3	c	57	85	50	-	-	7.3			
18	Malin Head ...	84	30.24	-1.4	SSW	3	57	85	7	S	10	2000	1007.5																								



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Friday, 20th September, 1940.  
No. 28792

OBSERVATIONS at 13h. G.M.T. 19th September														OBSERVATIONS at 18h. G.M.T. 19th September														PAST 24 HOURS.									
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. m. (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. m. (22)	Cloud.			State of Ground. (29)	Sea. (30)	WEATHER.											
				Dirce. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)			Dirce. (17)	Force (18)					Form. (23)	Amount (24)	Height of Base (feet) (28)			7h.—13h. 19th. (37)	13h.—18h. 19th. (38)	18h.—to 1h. 20th. (39)	1h.—7h. 20th. (40)								
																										Low. (11)	Med. (12)	High (13)	Low (25)	Med. (26)	High (27)	Low (31)	Med. (32)	High (33)			
1	London (Kew)...	1005.8	-12	W	3	rr	56	92	6	2	-	9	10	1500	1003.6	-10	SW'S	3	c	57	85	8	8	2	-	7.5	10	1500	1	*	gerRm	merprc	erRR	roc			
	Croydon ...	1006.9	-4	SW	4	id	64	65	7	8	7	-	7.8	9	1800	1003.7	-18	SW	3	c	58	85	7	8	7	-	4.6	10	2200	1	*	edRsgd	dispr	cpRRmo	edRabc		
	S. Farnborough	1005.4	-10	SSW	4	spn	60	85	8	6	-	-	7.8	10	1900	1004.0	-12	SW'S	4	c	58	85	7	8	7	-	2.3	10	2000	1	*	edPRRg	RRCg	erRRw	erRabc		
	Boscombe Down	1004.8	-10	SW	3	in	59	92	7	6	1	-	7.8	10	1000	1003.3	-6	SW'S	4	c	58	85	8	2	2	-	2.3	10	1200	1	*	er	erRcd	erRcd	erRabc		
	Calshot (Soton.)	1006.5	-8	WSW	6	c	65	75	8	3	3	2	-	9	9	1200	1004.8	-6	WSW	5	c	61	85	7	6	2	-	1	10	1400	1	4	erRm	erRg	erRRmo	erRRbc	
	Lymington	1008.9	-10	SW	4	g	61	85	8	2	-	-	-	9	9	1800	1006.6	-14	SW	4	pr	59	85	7	6	6	-	9	9	1500	1	5.4	edDirg	cpR	erRRmo	erRRbc	
	Manston	1007.9	-14	SW	4	g	63	*	7	2	3	-	-	4.6	7.8	1100	1006.0	-2	SW	4	pr	59	85	6	8	7	-	7.8	9	1000	*	r	*	*	*		
2	Shoeburyness ...	1006.6	-12	SW	4	c	66	65	8	2	-	2	-	4.6	7.8	2500	1004.6	-10	SW'S	4	c	in	61	85	8	6	7	7	4.6	10	1500	0	*	erRabc	erRg	erRRR	erRg
	Felixstowe ...	1005.4	-18	SSW	5	c	64	73	8	2	7	-	2.3	9	2500	1003.5	-10	SW'S	3	c	pr	59	85	8	8	2	-	7.8	10	3000	1	3	erRg	erRg	erRg	erRg	
	Gorleston	1004.9	-20	SSW	5	c	62	85	7	8	7	-	-	4.6	9	2400	1003.3	-12	SSW	3	c	55	85	6	8	5	-	4.6	7.8	1500	1	3	erRg	erRg	erRg	erRg	
	Mildenhall	1003.7	-12	SW	6	in	61	75	7	8	7	-	-	7.8	9	2500	1001.7	-18	SSW	3	c	57	85	8	8	-	8	9	3	3000	1	*	erRg	erRRR	erRRR	erRRR	
	Cranwell	1002.3	-14	SW'S	5	c	63	65	7	5	-	-	-	9	9	2000	1000.1	-8	SW	4	bc	59	65	8	5	-	1	2.3	2.3	2500	1	*	erRm	bc	bc	bc	
3	Birmingham	1001.9	-8	SW	4	bc	61	55	8	8	-	-	-	4.6	4.6	2500	1000.9	-8	SW	3	bc	59	65	8	8	7	-	4.6	4.6	2500	1	*	erRabc	bc	bc	bc	
	Upper Heyford	1004.3	-2	SW	4	id	55	85	8	5	1	-	-	7.8	10	1800	1002.5	-4	SW	3	c	57	85	8	2	7	5	1	9	1200	1	*	erRg	erRg	erRg	erRg	
4	Ross-on-Wye ...	1003.1	-8	SW	4	c	62	65	8	7	-	-	-	4.6	7.8	4000	1001.4	-10	SW	4	pr	57	75	8	6	1	8	4.6	9	1500	1	*	erRabc	bc	bc	bc	
5	Hartland Point	1003.5	0	WSW	5	c	58	75	8	3	6	6	2.3	7.8	1500	1000.7	-20	WSW	5	c	59	75	8	9	2	-	7.8	9	1500	0	4	cp	c	bc	bc		
	Bristol ...	1004.6	-2	SW	4	g	58	92	8	8	7	-	7.8	9	1800	1002.8	-10	SWW	3	c	58	65	8	8	2	-	4.6	9	2500	1	*	erRg	erRg	erRg	erRg		
	Portland Bill ...	1005.2	-10	SW	6	c	58	92	8	5	4	-	7.8	10	4000	1004.4	-6	WSW	6	c	58	92	7	5	-	-	10	10	2500	1	*	cp	erRg	erRg	erRg		
	Plymouth	1005.8	-2	WSW	5	c	59	92	7	8	7	-	7.8	9	2000	1004.0	-10	SW	5	c	59	92	6	-	2	-	10	10	1000	1	4	erRg	erRg	erRg	erRg		
	The Lizard	1006.2	-4	WS	3	c	61	85	8	6	-	-	7.8	7.8	2000	1004.7	-10	SW	5	rr	56	97	7	5	-	-	10	10	1000	1	4	oc	erRg	erRg	erRg		
	Scilly (St. Mary's)	1005.7	-2	WSW	4	c	63	75	7	8	7	6	7.8	9	1500	1003.6	-16	SW	5	rr	56	92	6	6	2	-	7.8	10	800	1	3	erRg	erRg	erRg	erRg		
	Guernsey	1005.7	-2	WSW	4	c	63	75	7	8	7	6	7.8	9	1500	1003.6	-16	SW	5	rr	56	92	6	6	2	-	7.8	10	800	1	3	erRg	erRg	erRg	erRg		
6	Pembroke	1002.1	0	SWW	6	bc	61	75	7	7	-	-	4.6	4.6	2200	999.4	-14	SWW	7	bc	59	85	8	2	4	1	2.3	4.6	2500	1	3	erRg	erRg	erRg	erRg		
7	Holyhead	998.5	-10	SW'S	5	bc	61	75	8	3	3	9	1	4.6	2500	995.4	-14	SW'S	5	bc	58	85	8	8	3	1	2.3	4.6	2200	1	4	erRg	erRg	erRg	erRg		
	Chester (Sealand)	999.9	-10	SW	3	c	65	55	8	2	-	-	7.8	7.8	2500	997.4	-14	SE	3	bc	60	55	8	1	8	-	4.6	4.6	2500	1	*	erRg	erRg	erRg	erRg		
8	Manchester	1000.5	-4	SWW	4	bc	62	55	7	8	3	-	-	4.6	4.6	2800	998.1	-14	SSW	4	bc	59	55	7	2	8	-	7.8	2.3	2500	1	*	erRg	erRg	erRg	erRg	
10	Spurn Head	1001.6	+12	SSW	4	c	58	85	7	4	8	-	-	4.6	7.8	2500	998.9	-2	SSE	3	c	58	85	7	3	4	8	4.6	7.8	4000	0	2	Rrc	c	bc	erRg	
	Catterick	999.1	-4	SW	3	ct	60	55	8	3	-	-	7.8	7.8	3000	996.8	-8	SSW	3	bc	56	75	8	2	6	2	2.3	4.6	2500	1	*	erRg	erRg	erRg	erRg		
	Tynemouth	997.9	+6	WSW	4	bc	62	55	6	2	-	-	-	4.6	4.6	2500	997.2	-6	WSW	4	bc	58	65	6	2	8	-	4.6	4.6	3000	1	1	erRg	erRg	erRg	erRg	
11	St. Abbs Head	994.9	-4	SW	4	bc	57	65	9	8	4	-	-	4.6	4.6	2500	993.7	-4	SSW	3	c	53	75	9	5	5	2	2.3	7.8	2500	0	2	erRg	erRg	erRg	erRg	
	Leuchars	993.7	-6	SSW	4	bc	59	65	8	2	6	-	-	2.3	4.6	3500	991.9	-12	SSW	3	c	55	75	8	8	7	7	7.8	9	1800	1	*	erRg	erRg	erRg	erRg	
12	Renfrew (Abbots L.)	994.5	-6	SW	5	c	58	65	9	2	6	4	-	4.6	7.8	3000	990.6	-26	S	3	rr	53	85	6	5	2	-	7.8	10	1400	1	*	erRg	erRg	erRg	erRg	
	Eskdalemuir	995.0	-6	SWW	7	bc	58	65	8	8	-	-	-	4.6	4.6	1000	992.3	-22	SW	5	c	53	85	8	8	4	-	9	9	1500	1	*	erRg	erRg	erRg	erRg	
	Point of Ayre	997.1	-4	WSW	5	bc	63	65	8	1	-	-	-	2.3	2.3	4000	992.9	-26	SW	6	c	57	92	7	8	4	3	4.6	7.8	1500	1	3	erRg	erRg	erRg	erRg	
13A	Tiree ...	989.5	-14	SSW	5	spn	53	85	7	9	-	-	9	9	1200	985.9	-24	SSW	3	RR	59	97	6	-	2	-	10	10	600	1	3	erRg	erRg	erRg	erRg		
13B	Stornoway	990.4	-10	S	4	bc	56	75	8	5	6	-	-	4.6	4.6	1500	988.8	-12	SSE	3	c	51	75	8	5	4	-	4.6	7.8	1500	1	2	erRg	erRg	erRg	erRg	
15	Dalwhinnie	993.0	0	SW	3	bc	52	75	7	7	5	-	-	4.6	4.6	1500	990.1	-16	S	3	c	47	85	7	5	2	-	4.6	9	1500	1	*	erRg	erRg	erRg	erRg	
	Aberdeen	992.6	-8	SW	4	bc	59	92	8	2	4	-	-	2.3	2.3	4000	992.2	-2	SSE	1	bc	54	65	6	8	9	3	1	4.6	2500	0	2	erRg	erRg	erRg	erRg	
	Wick	991.2	-4	NW	3	c	55	75	8	5	6	1	-	4.6	7.8	2500	990.4	-4	E	1	bc	52	85	8	8	1	2	2.3	4.6	1500	1	1	erRg	erRg	erRg	erRg	
16	Lerwick...	993.6	-22	ESE	4	pr	51	57	7	5	2	-	-	7.8	10	800	990.5	-8	SE	3	c	50	92	7	8	7	-	7.8	10	800	1	*	erRg	erRg	erRg	erRg	
17	Blackod Point...	990.7	-32	SW	7	cf	55	85	7	6	-	-	10	10	4150	998.0	+20	W'S	7	c	51	85	7	3	-	9	4.6	9	450	2	4	erRg	erRg	erRg	erRg		
	Malin Head	990.5	-12	SW	4	g	54	92	8	6	-	-	9	9	4000	984.2	-38	SSE	3	pr	50	92	7	9	-	-	9	9	4000	1	3	erRg	erRg	erRg	erRg		
	Aldergrove	994.2	-14	SSW	4	spn	57	65	9	8	-	-	-	9	9	2500	988.1	-32	S	4	c	55	75	8	8	7	-	7.8	9	2500	1	*	erRg	erRg	erRg	erRg	
19	Birr Castle	997.1	-16	SW	4	bc	57	75	8	3	4	-	-	4.6	4.6	1500	993.2	-16	W	4	c	51	92	8	8	7	-	7.8	9	1500	1	*	erRg	erRg	erRg	erRg	
20	Valentia Obay.†	998.1	-14	WSW	6	pr	60	75	8	8	-	-	-	7.8	9	2500	996.8	-14	SWW	4	c	57	75	8	8	-	-	4.6	4.6	2500	1	5	erRg	erRg	erRg	erRg	
	Roches Point	999.5	-12	W'S	5	bc	61	65	9	3	-	-	-	4.6	4.6	1500	996.7	-16	WSW	5	bc	58	85	8	3	-	-										

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).  
bc, sky partly cloudy (one half covered). c, generally cloudy.  
d, drizzle. e, wet air. g, gloom.  
f, fog, visibility 220-1100 yds.  
F, thick fog " less than 220 yds.  
fa, low fog over sea (coast station).  
fg, low fog over land (inland station).  
m, mist, visibility 1100-2200 yds.  
h, hail. i, intermittent.  
jf, fog at a distance, but not at station.  
jp, precipitation within sight of station.  
ka, storm of drifting snow.  
k/s<sub>a</sub>, slight storm of drifting snow (generally low).  
k/S, heavy storm of drifting snow (generally low).  
s<sub>c</sub>/k, slight storm of drifting snow (generally high).  
S/k, heavy storm of drifting snow (generally high).  
KQ, line squall. l, lightning.  
o, overcast sky. p, passing showers.

q, squalls. r, rain. s, snow.  
rs, sleet. t, thunder.  
u, ugly, threatening sky.  
v, unusual visibility. w, dew.  
x, hoar frost. y, dry air.  
z, dust haze: the turbid atmosphere  
of dry weather.  
h(r), "hail" or "rain and hail."  
Capital letters indicate intense;  
suffix o indicates slight; repetition  
of letters indicates continuity: thus  
R, heavy rain. r<sub>o</sub>, slight rain.  
rr, continuous rain.  
<, less than (for cloud height). /gale.  
☉ Solar halo. ☾ lunar halo. ✠ Aurora.  
With present weather is combined,  
whenever possible, the general  
character of the weather.  
A "solidus" divides actual exist-  
ing weather from preceding con-  
ditions thus: —bc/r, fair weather  
after rain: —, has decreased;  
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

Columns 12, 25. The figures in these columns indicate the amount of cloud at the height given in Column 14.

Columns 18, 27. The figures in these columns indicate the total amount of all forms of cloud.

An entry "4-8" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.

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

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

† See disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMN 29 — STATE OF GROUND

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

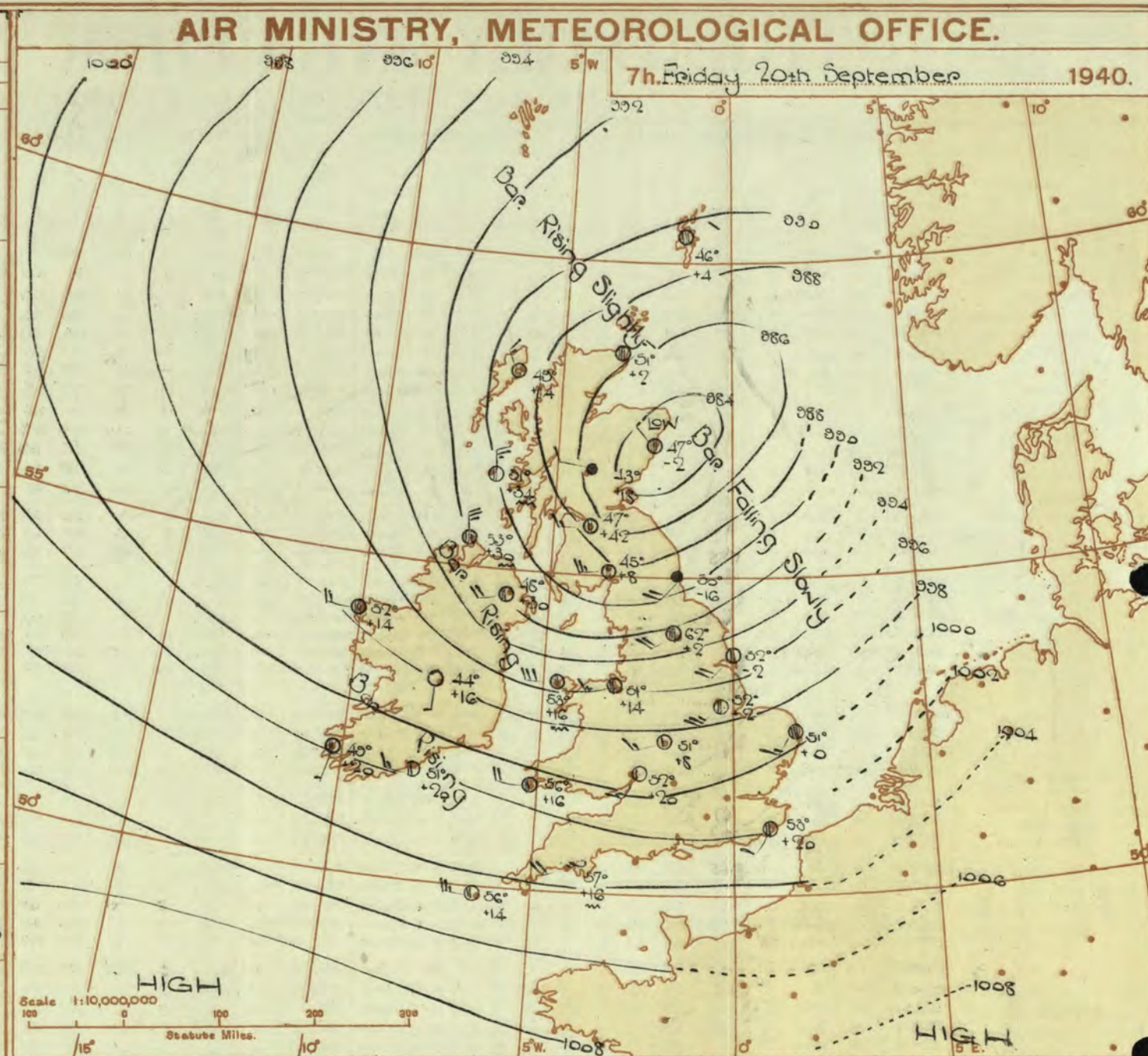
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.



Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 12th Sept.				18h. G.M.T.				01h. G.M.T. 20th Sept.			
IIIC	C <sub>1</sub>	wwVhN	DDFWN	C <sub>2</sub>	C <sub>3</sub>	wwVhN	DDFWN	C <sub>4</sub>	C <sub>5</sub>	wwVhN	DDFWN
109	52	6647	22325	82	02965	10115	06	01030	10102		
115	52	02844	20365	51	01054	20324	51	01064	14314	53	02754
203											08425
206	33	01964	25465	77	01964	20284	5-	02858	00028	52	63845
210	8-	82847	20387	37	01253	16114	5-	22857	06267	57	02855
220	23	01954	19414	83	02855	22326				23	01344
230	31	25845	20487	52	64745	17368	52	64846	12268	86	02846
245	30	01954	20464	86	02754	18428	51	22666	04267	52	61846
260	26	01964	20414	47	02852	18227	3-	02855	20315	52	61746
277				26	25845	15587	5-	02748	34528	62	62646
279											57753
285	30	25844	22734	3-	81746	20686				3-	81737
288	34	05654	19564	27	01864	20414	52	02752	18416	53	01844
273	32	53664	22717							36	10653
301	83	01853	22483	24	01753	20483	83	25755	22556	2-	01854
321	87	27745	22426	30	01753	20213	03	05630	16413	56	05662
298	5-	02645	20425	50	08663	20213	03	05630	20403	50	00762
292	36	05653	19364	86	01753	18214	62	63746	20418	16	01842
310	--	01634	24414	--	01633	24313				--	01632
316	86	02655	16425	87	02763	18324	57	05631	20403	50	05663
333	27	01754	20614	26	02856	20627	26	01854	55655	53	01053
334	--	01854	22514	--	01852	24603					24303
340	20	01953	22413	83	01953	20314	5-	82707	24387	80	00962
136				24	01852	18365				48	01742
336	--	01852	20614	--	02853	24616				--	01862
350	8-	62747	18467	87	02853	18226	5-	02767	16327	57	02834
368	8-	25837	24307	87	02745	22327	57	02745	22486	6-	22635
379	22	64653	20463	07	02750	20317	5-	05647	20317	53	61664
390	5-	61644	20563	5-	05558	20118	5-	22548	22268		20365
382	87	02846	24323	87	02842	20227	57	02854	18226	37	81734
438	8-	02745	22525							85	14743
430	23	02754	53616	57	02744	53627	02	64628	22368		23615
409	77	02844	22567	52	62746	18567	84	01852	21563	84	00743

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<sub>h</sub> - Height and amount of low cloud—See M.O. 252.  
 N - Total amount of cloud—See M.O. 252.  
 C<sub>1</sub>, C<sub>2</sub> - 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. 20th September 1940
1 S.E. England	Fresh westerly winds, decreasing moderate to light tonight; winds backing and freshening tomorrow; considerable bright periods, a few showers today; fine tonight and tomorrow rather cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Moderate westerly winds, backing southwest to south tomorrow, freshening considerably, becoming mainly fine; cloud increasing tomorrow, rain probable by end of period; rather 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.	
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	Moderate northwesterly winds, falling light, backing and increasing from south, probably gale on southeast later in period; mainly fine today; rain spreading from west late tonight and early tomorrow; rather 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.

**GENERAL INFERENCE.**  
 A deep depression over Eastern Scotland will move away eastwards and become less deep. A rather feeble ridge of high pressure will move in from the Atlantic, but will be followed by a new depression from mid-Atlantic. Weather will be cool with bright intervals, showers and local thunder in the northern half of the country, and considerable fair or fine periods in the South. Rain will commence in West Ireland tomorrow.

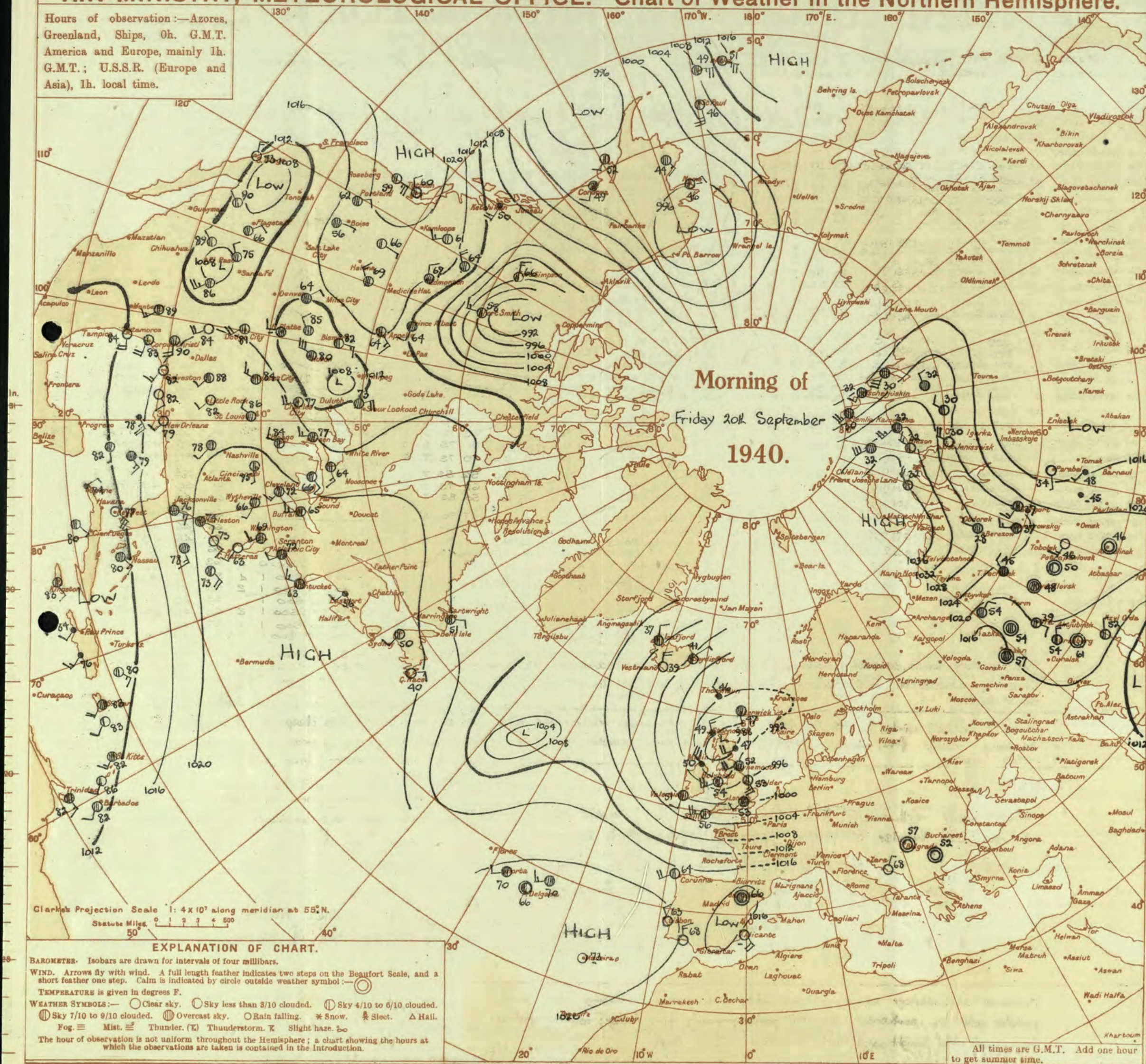
**FURTHER OUTLOOK.**  
 Generally unsettled. Probably stormy over at least the southern half of the country.

Forecasts issued at 10.30h.  
 N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.  
 H.M.S.O. Press, Cornwall House, S.E.1.



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 20th September														OBSERVATIONS at 7 hr. G.M.T. 20th September														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Sea. 0-9 (29)	TEMPERATURE.			RAINFALL.			SUNSHINE 12th Hrs. (36)	
					Direc.	Force.					Form.	Amount.		Height of Base. (feet) (14)	Form.			Amount.						Height of Base. (feet) (28)	Max. Day 7h-12h °F. (31)	Min. Night 12h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-12h mm. (34)		Night 12h-7h mm. (35)							
												Low. (10)	Med. (11)					Low (25)	Med. (26)											Low (34)	Med. (35)						
1	London (Kew) ... 217	18	1000.2	-28	SW	2	c/r	52	97	6	-	-	-	10	10	1000	+14	SW	3	c	54	85	7	5	-	-	4-6	9+	2500	1	64	53	46	11	7	3.2	
	Croydon ... 226	217	1000.2	-28	SW	1	c	52	97	7	-	-	-	10	10	2500	+16	SW	3	c	53	92	8	7	3	-	2-3	7-8	2500	1	66	51	47	7	9	3.1	
	S. Farnborough ... 417	226	1000.3	-18	SSW	3	c/d	52	97	6	-	-	-	9+	9+	800	+10	SW	4	c	53	85	8	5	3	2	7-8	9+	1600	1	62	50	47	5	5	1.1	
	Boscombe Down ... 8	417	1007.5	-26	WSW	3	R/R	55	97	6	-	-	-	4-6	10	800	+10	WS	4	c	57	85	7	8	7	6	1	0	2500	1	65	53	51	4	12	3.5	
	Calshot (St. Mary's) ... 346	8	1001.6	-46	SW	5	RR	58	97	4	-	-	-	9	10	300	+10	SW	2	bc	53	97	8	5	7	-	Tr	4-6	3000	1	63	51	48	4	23	2.6	
	Lympne ... 154	346	1001.2	-36	SW	2	rr	56	97	5	-	-	-	9	10	400	+18	WSW	3	c	53	92	8	2	3	-	Tr	7-8	3000	*	*	*	*	*	*	*	
2	Shoeburyness ... 11	154	1000.5	-22	SW	4	R/R	55	92	7	-	-	-	7-8	10	3000	+10	WSW	4	c	53	92	7	-	7	8	0	9+	-	1	60	53	48	Tr	12	3.3	
	Felixstowe ... 15	11	1000.3	-24	SSW	4	c	56	85	6	-	-	-	10	10	1500	+14	WSW	4	c	51	92	7	-	5	-	0	7-8	-	1	66	52	49	0.3	6	2.1	
	Gorleston ... 5	15	1000.3	-24	SSW	4	c	54	85	7	-	-	-	10	10	5000	+6	SW	4	c	53	85	8	-	9	-	0	9	-	1	66	50	46	5	Tr	2.5	
	Mildenhall ... 19	5	1007.0	-22	SW	4	c	54	85	7	-	-	-	10	10	5000	+2	SW	5	bc	52	85	8	-	3	1	0	4-6	-	0	65	49	47	2	-	4.6	
	Cranwell ... 240	19	1007.2	106	3	3	bc	53	85	7	-	-	-	2-3	4-6	4500	+2	SW	5	bc	52	85	8	-	3	1	0	4-6	-	0	65	49	47	2	-	4.6	
3	Birmingham ... 635	240	1007.2	-18	SW	3	c	51	97	7	-	-	-	10	10	1200	+8	WSW	3	b	51	75	8	-	3	-	0	1	-	1	63	50	45	3	Tr	4.6	
	Upper Heyford ... 408	635	1007.2	-18	SW	3	c	51	97	7	-	-	-	10	10	1200	+8	WSW	3	b	51	97	8	-	3	-	0	1	-	1	63	50	45	3	Tr	4.6	
	Ross-on-Wye ... 223	408	1007.2	-18	SW	3	c	51	97	7	-	-	-	10	10	1200	+8	WSW	3	b	51	97	8	-	3	-	0	1	-	1	63	50	45	3	Tr	4.6	
4	Hartland Point ... 299	223	1007.1	-8	WSW	5	c	57	85	8	-	-	-	4-6	7-8	1500	+10	W	6	c/pr	56	92	8	3	6	-	4-6	7-8	1500	1	60	54	52	1	4	1.1	
	Bristol ... 200	299	1007.5	-18	WSW	3	c	53	92	8	-	-	-	10	10	3000	+10	WSW	4	rr	53	97	7	9	-	-	10	10	800	1	63	52	48	2	12	2.2	
	Portland Bill ... 32	200	1001.8	-20	WSW	5	c	57	92	8	-	-	-	10	10	2500	+10	W	5	c	59	92	8	6	4	-	4-6	9	4000	1	60	56	50	0.2	6	1.1	
	Plymouth ... 82	32	1001.4	-6	WSW	3	c/d	55	92	7	-	-	-	4-6	9	800	+10	WSW	4	bc	57	85	6	8	3	-	2-3	4-6	800	1	62	54	52	0.4	17	1.6	
	The Lizard ... 240	82	1002.4	+2	WS	5	bc	55	92	8	-	-	-	2-3	2-3	2500	+10	WS	5	bc	57	92	8	8	-	-	4-6	4-6	2500	0	62	54	52	0.4	17	1.6	
	Scilly (St. Mary's) ... 163	240	1002.2	+4	W	5	bc	56	92	8	-	-	-	2-3	2-3	1500	+10	W	5	bc	56	85	9	8	6	3	-	2-3	2-3	1500	1	63	54	52	0.4	17	1.6
	Guernsey ... 175	163	1002.2	+4	W	5	bc	56	92	8	-	-	-	2-3	2-3	1500	+10	W	5	bc	56	85	9	8	6	3	-	2-3	2-3	1500	1	63	54	52	0.4	17	1.6
5	Pembroke ... 142	175	1007.4	-8	WS	7	c/r	57	85	7	-	-	-	7-8	7-8	2000	+10	WSW	4	c	56	75	8	8	6	-	4-6	7-8	1600	1	61	54	52	0.4	17	1.6	
	Holyhead ... 26	142	1007.3	+2	WSW	5	c	54	75	8	-	-	-	9	9	2200	+10	W	6	c	53	75	8	7	3	6	-	2-3	9	2800	1	62	52	49	0.4	17	1.6
	Chester (Sealand) ... 16	26	1004.7	-10	WSW	2	c/r	50	85	7	-	-	-	4-6	4-6	1500	+10	WS	3	bc	51	75	8	2	-	1	1	2-3	2500	1	66	49	43	0.5	7	8.3	
	Manchester ... 70	16	1004.7	-14	WSW	3	rr	48	92	7	-	-	-	9+	9+	1700	+10	WSW	4	bc	49	75	7	8	-	-	4-6	4-6	2500	1	64	47	42	0.6	7	6.5	
6	Spurn Head ... 29	70	1005.0	-20	S	5	bc	53	85	7	-	-	-	4	4	2-3	5700	-2	WS	4	bc	52	85	7	-	4	-	0	4-6	-	1	63	50	43	Tr	0.2	4.2
	Catterick ... 175	29	1002.4	-20	SW	4	c	53	75	7	-	-	-	4-6	7-8	2500	+2	SW	4	c	62	75	8	8	7	-	4-6	9	2500	1	61	50	43	Tr	0.2	4.7	
	Tynemouth ... 108	175	1002.0	-16	SW	4	c/pr	52	85	6	-	-	-	9+	9+	2800	-16	SW	4	pr	50	85	7	-	2	-	9+	9+	2200	1	62	49	44	-	1	*	
7	St. Abbs Head ... 280	108	1008.6	-20	S	3	bc	49	85	8	-	-	-	8	2-3	4-6	2500	-16	WSW	4	c	47	92	8	5	5	-	7-8	9+	2000	1	60	46	44	0.4	3	*
	Leuchars ... 36	280	1008.7	-22	SSE	2	pr	48	97	8	-	-	-	10	10	1500	-10	NW	3	rr	47	92	7	6	7	-	7-8	10	1500	1	60	46	44	0.1	15	3.4	
	Benfrew (Abbots L.) ... 19	36	1004.0	-32	WSW	4	c/r	49	92	6	-	-	-	9	10	1400	+10	W	3	bc	47	85	8	3	1	4	-	4-6	4-6	1800	1	60	46	43	2	10	6.4
	Eske Dalemuir ... 794	19	1004.0	-32	WSW	4	c/r	49	92	6	-	-	-	9	10	1400	+10	W	3	bc	47	85	8	3	1	4	-	4-6	4-6	1800	1	60	46	43	2	10	6.4
	Point of Ayre ... 30	794	1004.0	-32	WSW	4	c/r	49	92	6	-	-	-	9	10	1400	+10	W	3	bc	47	85	8	3	1	4	-	4-6	4-6	1800	1	60	46	43	2	10	6.4
8	Tiree ... 22	30	1007.0	-8	N	3	pr	49	85	7	-	-	-	7-8	9+	1500	+10	NW	3	c	49	92	8	5	4	-	4-6	7-8	1500	1	56	46	44	0.2	7.6	7.6	
	Stornoway ... 80	22	1007.0	-8	N	3	pr	49	85	7	-	-	-	7-8	9+	1500	+10	NW	3	c	49	92	8	5	4	-	4-6	7-8	1500	1	56	46	44	0.2	7.6	7.6	
	Dalwhinnie ... 1176	80	1007.0	-8	N	3	pr	49	85	7	-	-	-	7-8	9+	1500	+10	NW	3	c	49	92	8	5	4	-	4-6	7-8	1500	1	56	46	44	0.2	7.6	7.6	
	Aberdeen ... 79	1176	1007.0	-8	N	3	pr	49	85	7	-	-	-	7-8	9+	1500	+10	NW	3	c	49	92	8	5	4	-	4-6	7-8	1500	1	56	46					



SECRET

Page 1.

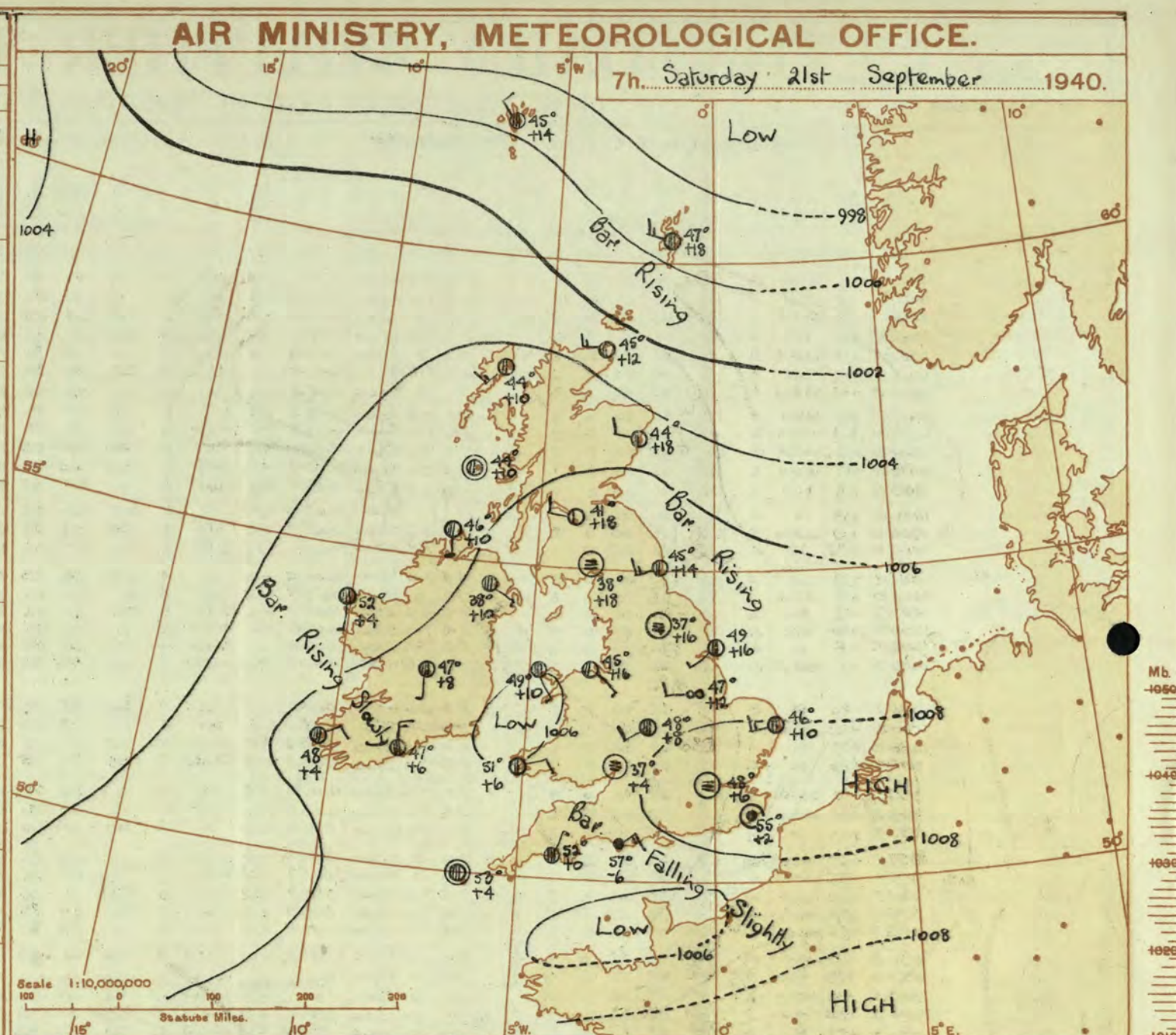
AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Saturday 21st September 1940.  
No. 28793

OBSERVATIONS at 13h. G.M.T. 20th September														OBSERVATIONS at 18h. G.M.T. 20th September														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visiblity. 0-9 (8)	Cloud.				Barom. M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visiblity (22)	Cloud.				Sea. 0-9 (30)	WEATHER.								
				Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)			Total 0-10 (13)	Height of Base (feet) (14)					Direc. (17)	Force 0-12 (18)	Low (23)	Med. (24)		High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	7h.—13h. ...20h.. (37)	13h.—18h. ...20h.. (38)	18h. 20h. to 1h. 21st. (39)	1h.—7h. ...21st.. (40)
1	London (Kew)...	1003.3	+8	WSW	4	pr	62	65	8	8	4	-	7-8	7-8	2500	1006.1	+14	WSW	3	bc	60	75	8	8	-	4	2-3	2-3	2500	1	*	cirprps	cprbc	bcc	cffew
	Croydon ...	1002.9	+10	WSW	4	bc	64	65	8	2	6	-	4-6	4-6	3000	1004.8	+10	SW	2	c	57	92	7	3	5	-	7-8	3	2500	1	*	prps	pr	cmocbc	cmowfg
	S. Farnborough	1003.7	+10	SWW	5	pr	63	65	9	3	5	-	3	3	3000	1005.0	+10	WSW	2	pr	58	85	7	8	6	-	7-8	3	2000	1	*	cvps	cprbc	cpc	bfwfg
	Boscombe Down	1003.8	+14	W'S	4	pr	61	75	7	8	-	-	7-8	7-8	2500	1003.5	+6	W'N	3	bpr	55	85	8	2	6	3	2-3	4-6	2000	1	*	cpr	cpr	bcprbc	bcwfg
	Calshot (Soton.)	1004.2	+10	WSW	5	c	65	65	8	3	-	1	7-8	9	2500	1006.0	+10	WSW	4	b	59	75	7	8	6	3	1	1	4000	1	3	cpr	cprbc	bcwfg	bcwfg
	Lympe	1004.9	+12	SW	4	c	63	65	8	2	6	-	4-6	7-8	2500	1006.9	+14	WSW	4	bc	58	85	7	4	6	3	4-6	4-6	2500	1	3	cpr	cprbc	bcwfg	bcwfg
	Manston	1004.0	+10	WSW	5	c	65	65	8	3	-	3	3	2000	1006.4	+14	SW	4	pr	58	85	8	8	6	-	1	2-3	2100	1	3	bcc	cprbc	c	bcwfg	
2	Shoeburyness ...	1003.2	+8	WSW	4	bc	66	65	8	2	-	1	2-3	2-3	2500	1005.2	+12	SW'S	3	bc	60	75	7	2	4	2	4-6	4-6	2500	1	*	cprbc	bc	bcc	cbuwm
	Felixstowe ...	1001.9	+14	WSW	6	c	66	65	8	2	-	-	7-8	7-8	3000	1003.8	+10	WSW	3	bc	62	66	8	1	-	3	2-3	4-6	2500	1	1	cmprbc	bc	bcc	bcwfg
	Gorleston ...	1000.5	+14	WSW	4	bc	64	65	7	2	-	-	2-3	2-3	2800	1003.3	+12	W	3	bc	64	65	7	1	3	-	2-3	4-6	2500	0	2	cprbc	bc	bcc	bcwfg
	Mildenhall ...	1000.5	+10	WSW	6	bc	65	65	8	1	-	-	2-3	2-3	3000	1003.2	+18	W'S	3	bc	60	65	8	1	-	2	4-6	4-6	4000	0	*	cprbc	bc	bcc	bcwfg
	Cranwell ...	999.8	+18	W'N	5	bc	61	45	8	2	-	-	4-6	4-6	2500	1003.0	+20	WN	2	c	57	55	8	5	-	4	2-3	7-8	2500	0	*	bcc	bc	bcc	bcwfg
3	Birmingham	1001.4	+18	W	4	b	61	45	8	1	-	1	1	1	4000	1003.9	+10	W	3	bc	58	65	8	7	-	2	1	4-6	4000	1	*	bcc	bcc	bcc	bcwfg
	Upper Heyford	1002.0	+10	WSW	5	bc	61	55	8	3	-	2	4-6	4-6	2200	1004.2	+16	W'S	3	bc	58	75	8	8	4	2	1	4-6	2500	1	*	cprbc	bcpr	bcc	bcwfg
4	Ross-on-Wye ...	1002.9	+20	W	4	c	61	55	9	1	-	1	4-6	7-8	4000	1004.7	+12	W'S	3	bc	57	65	8	4	-	2	2-3	4-6	4000	0	*	bcc	bcc	bcc	bcwfg
5	Hartland Point	1004.2	+18	W	4	pr	57	92	8	8	-	6	4-6	7-8	1500	1005.0	+6	W	4	bc	58	85	8	3	4	8	2-3	4-6	2500	0	3	cpr	bcpr	bcc	bcwfg
	Bristol ...	1003.9	+12	WSW	4	pr	58	85	8	6	-	7-8	3	1800	1005.7	+12	SW	3	c	56	85	8	8	4	9	4-6	7-8	1000	1	5	cprbc	bcpr	bcc	bcwfg	
	Portland Bill ...	1005.2	+12	SW	5	bc	61	92	8	5	-	-	4-6	4-6	1000	1006.7	+12	WSW	5	bc	60	92	8	5	-	-	4-6	4-6	4000	1	5	cprbc	bcpr	bcc	bcwfg
	Plymouth ...	1005.7	+10	W'S	5	c	62	65	8	2	4	6	4-6	7-8	3000	1006.5	+6	SWW	5	c	59	85	8	8	3	1	4-6	7-8	2500	0	3	cprbc	bcpr	bcc	bcwfg
	The Lizard	1006.7	+8	W	4	c	60	75	8	8	6	-	7-8	7-8	2000	1007.3	0	SWW	4	c	57	92	8	8	6	-	4-6	7-8	1500	1	3	bcc	bcc	bcc	bcwfg
	Scilly (St. Mary's)	1006.3	+2	SWW	3	c	62	75	8	3	7	3	1	7-8	1500	1006.6	+2	WSW	2	c	58	85	8	8	7	-	4-6	7-8	1200	1	3	bcc	bcc	bcc	bcwfg
	Guernsey ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
6	Pembroke ...	1004.4	+20	W	3	bc	57	65	8	2	4	1	2-3	4-6	2500	1004.9	+4	WSW	4	bc	57	75	9	2	7	1	2-3	4-6	2500	1	2	cprbc	bcpr	bcc	bcwfg
7	Holyhead	1000.8	+22	W'S	6	bc	59	55	8	2	3	-	2-3	2-3	2500	1002.0	+2	SW	3	bc	58	65	9	3	3	-	4-6	4-6	2500	1	3	cprbc	bcpr	bcc	bcwfg
	Chester (Sealand)	1000.4	+22	W	4	bc	60	55	9	3	-	-	4-6	4-6	3200	1002.6	+10	WSW	2	bc	57	55	8	8	3	-	2-3	4-6	5100	1	*	bcc	bcc	bcc	bcwfg
8	Manchester	999.8	+26	W	6	c	57	65	8	3	-	-	7-8	7-8	2800	1002.3	+12	WSW	3	bc	54	75	7	4	1	-	4-6	4-6	4000	0	*	bcc	bcc	bcc	bcwfg
10	Spurn Head	996.9	+10	SWW	7	cq	60	75	6	8	-	-	7-8	7-8	4000	1001.5	+12	SW	4	c	56	75	6	4	-	-	9	9	4000	0	2	cq	cq	bcc	bcwfg
	Catterick	995.8	+36	WSW	5	c	59	65	8	8	-	-	7-8	7-8	3000	1000.5	+20	SW	1	bc	54	75	6	4	4	-	4-6	4-6	4000	0	2	cprbc	bcpr	bcc	bcwfg
	Tynemouth	992.9	+40	W	6	c	58	65	7	2	3	-	4-6	7-8	3000	998.5	+28	W	3	bc	56	65	7	2	4	-	2-3	4-6	3000	1	2	cprbc	bcpr	bcc	bcwfg
11	St. Abbs Head	991.2	+42	NN	5	cq	53	75	8	8	5	9	4-6	9	2500	996.4	+18	NNW	4	c	53	75	9	5	7	-	4-6	7-8	2500	1	3	cq	cq	bcc	bcwfg
	Leuchars	991.7	+36	NNW	4	c	56	65	9	8	7	-	7-8	9	3500	996.1	+20	NNW	3	cpr	54	75	8	8	-	-	4-6	4-6	2500	1	*	cprbc	bcpr	bcc	bcwfg
12	RAF Leuchars	994.7	+32	NNW	4	c	56	65	8	8	6	-	7-8	7-8	2500	998.7	+22	NNW	3	bcpr	51	85	9	8	-	-	2-3	2-3	2500	1	*	bcc	bcc	bcc	bcwfg
	RAF Leuchars	994.6	+38	NNW	4	c	53	65	8	8	-	-	7-8	7-8	1500	998.9	+20	NNW	4	bc	50	75	8	8	-	-	2-3	2-3	1500	1	*	bcpr	bcpr	bcc	bcwfg
	Point of Ayre	998.3	+30	NNW	5	c	59	65	8	8	-	-	7-8	7-8	2500	1001.2	+14	NN	3	bc	55	85	8	8	4	-	2-3	4-6	1500	1	2	c	bcc	bcc	bcwfg
13A	Tiree ...	996.4	+30	NNW	4	bc	53	85	8	3	3	-	4-6	4-6	2100	999.8	+16	NNW	3	bc	51	85	8	2	-	-	4-6	4-6	2100	0	3	cprbc	bcpr	bcc	bcwfg
13B	Stornoway	995.0	+28	NNW	5	pr	53	75	8	8	7	-	7-8	9	1500	998.4	+20	NNW	4	cpr	49	92	8	8	7	3	7-8	9	1000	1	2	cpr	cpr	bcc	bcwfg
15	Dalwhinnie	993.5	+32	NNW	2	pr	47	85	6	5	-	-	10	10	800	994.4	+24	NNW	1	cpr	47	85	6	5	-	-	9	9	1500	1	*	cpr	cpr	bcc	bcwfg
	Aberdeen	990.3	+24	NN	3	pr	54	85	8	9	7	-	3	3	1500	995.6	+28	NNW	4	cpr	52	75	8	8	3	3	4-6	4-6	1500	1	2	bcc	bcc	bcc	bcwfg
	Wick ...	990.3	+22	N	5	cq	53	85	8	8	5	3	4-6	9	1500	994.8	+20	NNW	5	cq	50	85	8	8	7	8	4-6	7-8	1500	1	2	bcpr	bcpr	bcc	bcwfg
16	Lerwick...	989.9	+4	NEW	4	c	52	85	8	8	7	-	7-8	9	1500	992.9	+18	N	5	c	50	85	8	8	7	-	7-8	9	1500	1	*	cpr	cpr	bcc	bcwfg
17	Blacksod Point...	1001.6	+14	NNW	2	bc	58	75	8	3	-	9	4-6	4-6	2500	1002.9	+8	NNW	3	bc	55	85	8	3	-	-	4-6	4-6	2500	0	2	bcc	bcc	bcc	bcwfg
18	Malin Head	998.0	+32	NNW																															



Abridged observations of additional stations in the AVIATION WEATHER CODE															
13h. G.M.T. 20th Sept.				18h. G.M.T.				01h. G.M.T. 21st Sept.				07h. G.M.T.			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN
109				8-	25845	22485		53	24384	03043					
115	87	81734	32389	87	81844	28487	52	02844	30496	87	01954	27425			
203				8-	81846	32487									
206	83	02855	28266	83	01354	28285	5-	51857	29157	50	01964	00014			
210	86	25944	27485	83	02854	29426	5-	02856	24226	7-	01964	24214			
220	83	01854	28304	83	25845	27286				24	01963	00004			
230	86	10943	26486	86	10946	26586	87	25853	27284	5-	02966	00016			
245	86	10955	30386	84	01964	28424	73	01964	22224	56	01964	22224			
260	8-	02853	24316	86	01754	24315	04	05690	00012	5-	02765	22115			
277	86	25855	26586	26	00852	26313	26	25844	00084	20	41742	00044			
279				--	01853	24413									
285	8-	25846	24766	30	01744	26684	14	01742	22413	44	01742	32413			
288	87	02855	67246	10	01853	22413	00	00840	20300	50	00861	20111			
278	87	10753	26385							13	01763	28104			
301	83	25853	30486	86	61755	24486	--	02868	24186	23	43363	10146			
321	8-	81756	24486	57	02655	24426	10	25864	22284	23	05562	18114			
299	80	02746	22686	50	01753	22313	50	00752	22302	57	05653	24213			
292	8-	02947	55587	86	61844	24385	03	01790	00013	04	45390	00041			
310	--	01744	24514	--	01645	24515					04634	24314			
316	70	01864	57514	75	01702	24213	50	01572	00012	50	02573	00015			
333	20	01963	26503	56	01964	22415	23	02852	22316	57	02865	24127			
334	--	02856	24026	--	01854	22314					45218	32148			
340	20	01964	24414	80	00862	20313	5-	61746	20106	5-	01955	18125			
136	10	01763	54503	40	01861	24313	04	05690	20112	04	05690	19104			
336	--	01853	24515	--	01851	24412					41324	24347			
350	10	01854	56514	40	01954	20323				00	43290	00044			
368	17	01853	24414	80	01854	23214	5-	01743	00063	57	05654	00014			
370	70	02855	22415	44	01863	22315	00	05690	00000	03	05690	20114			
390	83	01854	24514	80	01853	24413	57	05551	22113	--	46109	00019			
382	26	02865	22426	46	01863	22414	54	22753	00067	--	48109	00049			
438	50	14744	23614				8-	61738	00068	8-	61738	00068			
430				53	01751	22313	07	02790	00028						
400	84	05752	20613	83	05755	21417	54	00751	16111	83	01852	00015			

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
N = Total amount of cloud—See M.O. 252.  
C, C<sub>M</sub> = 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 21st September
1 S.E. England	Light northeast to variable wind becoming moderate southeast; rain, then a fairer interval, followed by more rain; local fog night and morning; average temperature.
2 E. England ...	
3 E. Midlands ...	Light variable wind, probably becoming moderate east or southeast; fair today, probably a period of rain tonight or tomorrow; local fog night and morning; average temperature.
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind variable to southeast or east light then freshening, cloudy, rain at times; average temperature.
8 N.W. England	
9 N. Midlands ...	As 2-4
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light variable wind becoming southeast later; mainly fair but a risk of rain tomorrow; local fog night and morning; average temperature.
13 { A.W. Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	As 5-7
20 S. W. Ireland	

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

#### GENERAL INFERENCE.

A small depression over the English Channel is moving east, and further disturbances will approach our Southwest Coast and probably extend further north. Rain will be confined to the extreme southeast at first but will probably be more widespread later. Fog will occur locally in the night and morning.

#### FURTHER OUTLOOK.

Rain at times in most districts; risk of strong winds in extreme south.

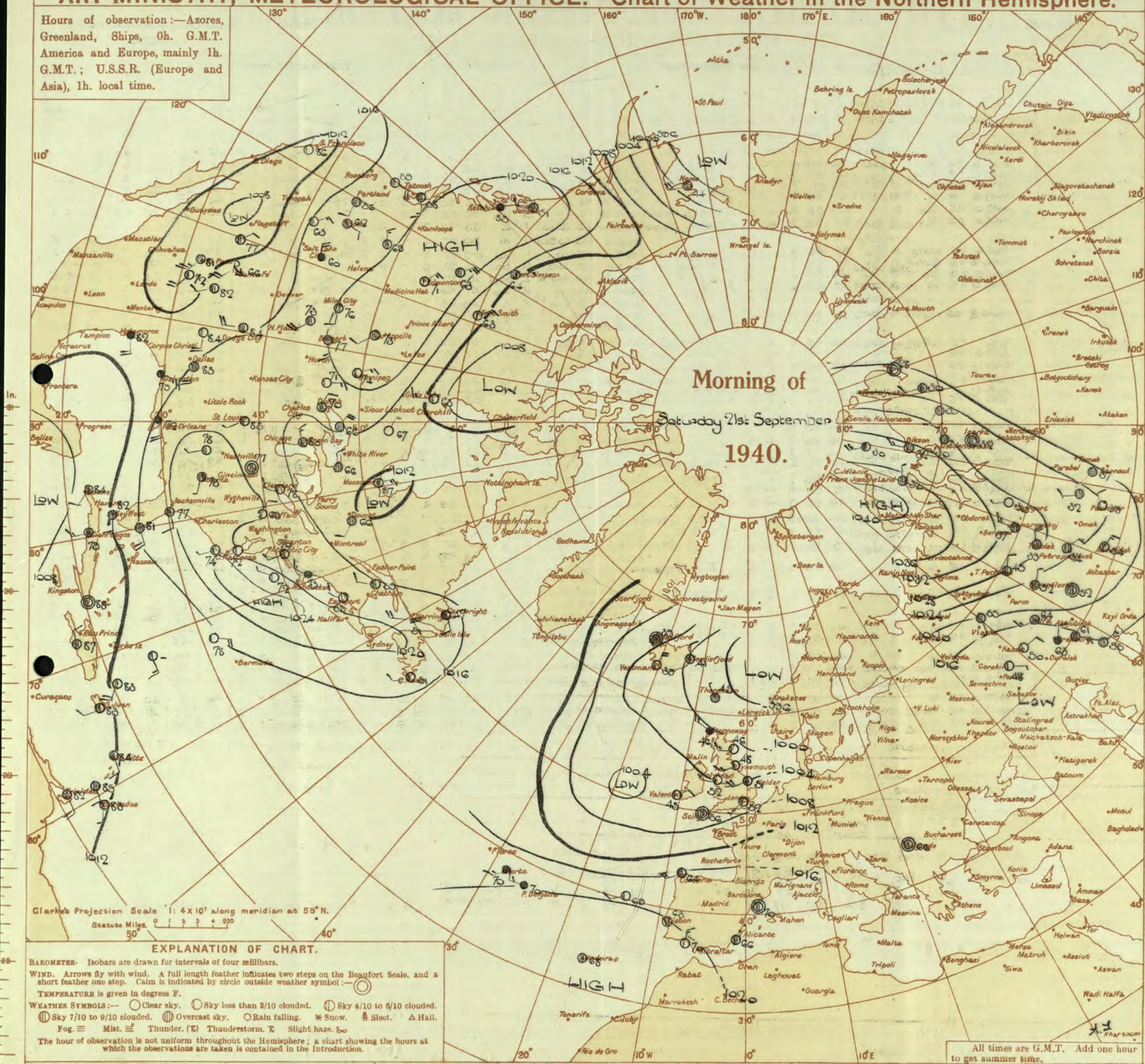
Forecasts issued at 10.30 G.M.T.  
N. K. JOHNSON, D.Sc., A.R.C.S.,  
Director.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 21st September															OBSERVATIONS at 7 hr. G.M.T. 21st September															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visibility.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %.	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sun-shine Hrs.					
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.								
																																Low.	Med.		High.	Low 0-10.	Total 0-10.	Low.	Med.
1	London (Kew)	18	1007.5	+4	SW	1	b	52	97	6	-	3	1	0	4.6	1008.2	+8	NW	1	CF	48	97	1	5	-	3	1	0	4.6	64	46	33	0.3	Tr	5.7				
	Croydon	217	1007.5	+4	SW	1	b	50	97	7	-	3	1	0	4.6	1008.0	+6	-	0	CF	48	97	6	3	-	3	1	0	4.6	66	48	45	2	Tr	6.0				
	S. Farnborough	226	1007.6	+4	SW	1	b	50	92	7	-	3	1	0	2.3	1008.3	+6	-	0	CF	48	97	5	3	-	3	1	0	4.6	65	41	35	2	Tr	6.0				
	Boscombe Down	417	1007.4	+4	SW	1	b	50	92	7	-	3	1	0	2.3	1008.0	+8	E	1	CF	48	97	5	3	-	3	1	0	4.6	65	41	35	2	Tr	6.0				
	Calshot (Stmnt.)	8	1007.3	0	W	2	c	57	85	7	-	7	-	0	10	1007.4	+4	E	2	CF	56	92	7	5	-	7	8	0	4.6	66	53	48	-	Tr	7.7				
	Lymington	346	1007.0	+2	SW	2	c	53	92	8	-	5	3	2	3.5	1008.2	+2	-	0	CF	55	92	7	5	-	3	1	0	4.6	65	52	46	0.4	Tr	6.3				
	Manston	154	1008.4	+2	SW	3	c	54	92	7	-	5	1	7	8	1008.2	+2	SW	1	CF	53	92	7	3	-	3	1	0	4.6	65	52	46	0.4	Tr	6.3				
2	Shoeburyness	11	1006.6	+6	WSW	3	bc	56	85	6	-	7	-	0	9	1008.4	+10	WSW	1	m	50	97	4	-	8	2	0	4.6	67	50	37	0.1	Tr	7.3					
	Felixstowe	15	1006.6	+6	WSW	3	bc	56	85	6	-	7	-	0	9	1008.2	+16	W	1	bc	49	97	5	-	3	5	0	2.3	67	48	43	-	-	6.5					
	Gorleston	5	1006.2	+8	SW	2	bc	51	85	7	-	3	1	0	4.6	1007.9	+10	WS	1	bc	46	92	6	-	5	0	2.3	65	45	35	-	-	-						
	Mildenhall	19	1006.5	+8	SW	2	bc	48	85	6	-	3	1	0	4.6	1007.8	+10	WSW	2	bc	43	97	6	-	6	0	4.6	67	41	33	-	Tr	9.6						
	Cranwell	240	1006.0	+8	W	3	bc	47	85	6	-	3	1	0	4.6	1007.4	+12	W	2	bc	47	85	6	-	1	0	9	0	4.6	63	43	40	-	-	9.7				
3	Birmingham	535	1006.8	+6	W	1	b	45	97	7	-	-	-	0	9	1007.7	+8	SW	2	c	48	85	7	2	7	1	2.3	7.8	57	40	31	-	-	11.0					
	Upper Heyford	408	1006.8	+6	W	1	b	45	97	7	-	-	-	0	9	1007.7	+8	SW	2	c	48	85	7	2	7	1	2.3	7.8	57	40	31	-	-	11.0					
4	Ross-on-Wye	223	1006.8	+6	W	1	b	45	97	7	-	-	-	0	9	1007.7	+8	SW	2	c	48	85	7	2	7	1	2.3	7.8	57	40	31	-	-	11.0					
																1008.0	+4	-	0	CF	41	97	5	-	3	1	0	4.6	64	35	29	-	-	8.9					
5	Hartland Point	299	1016.1	+2	WSW	3	bc	56	85	8	-	-	4.6	4.6	2000	1006.8	+6	SE	1	bc	51	85	8	3	6	-	2.3	4.6	2000	1	2	60	51	-	4	4.9			
	Bristol	200	1007.6	+6	-	0	b	51	92	7	8	-	Tr	Tr	2500	1008.2	+8	-	0	CF	42	97	3	-	3	-	0	7.8	62	40	-	0.5	1	6.4					
	Portland Bill	32	1027.4	+4	W	4	c	59	92	8	4	4	-	7.8	10	4000	1007.1	-6	NE	3	rr	57	92	7	5	-	10	10	2500	1	3	61	56	-	8.4				
	Plymouth	82	1006.9	+2	WSW	1	bc	57	92	7	2	-	2.3	2.3	1200	1006.5	0	NNE	1	c	52	92	8	5	3	2	2.3	9	2500	1	1	63	51	-	8.4				
	The Lizard	240	1006.9	+2	WSW	1	bc	54	92	8	6	-	7.8	7.8	2500	1007.1	+10	E	2	c	53	97	8	8	4	6	7.8	9	1400	0	2	62	53	-	6.0				
	Scilly (St. Mary's)	183	1006.3	-6	-	0	c	56	92	8	7	3	4.6	9.1	1500	1006.4	+4	-	0	CF	53	97	8	8	4	6	7.8	9	1800	1	2	62	52	-	6.2				
	Guernsey	175	1006.3	-6	-	0	c	56	92	8	7	3	4.6	9.1	1500	1006.4	+4	-	0	CF	53	97	8	8	4	6	7.8	9	1800	1	2	62	52	-	6.2				
6	Pembroke	142	1005.3	0	WSW	3	bc	56	85	8	5	-	2.3	2.3	2500	1007.4	+6	ENE	2	bc	51	97	8	2	4	1	2.3	4.6	2500	1	2	59	49	-	7.7				
7	Holyhead	26	1004.7	+8	W	1	b	52	85	7	3	-	Tr	1	4150	1005.8	+10	SSE	1	cf	49	97	8	7	5	9	2.3	7.8	4000	1	1	60	48	39	-	8.6			
	Chester (Sealand)	16	1004.9	+8	SW	2	c/pr	52	75	7	8	-	3	3	3500	1006.9	+16	SE	1	c	45	97	3	2	3	-	1	4.6	2500	1	1	61	44	34	-	8.0			
8	Manchester	70	1005.1	+10	SW	1	pr	49	92	6	8	-	7.8	9	2800	1006.8	+14	SE/E	2	fg	44	97	5	7	4	-	2.3	2.3	3500	1	1	59	40	34	-	8.4			
10	Spurn Head	29	1004.4	+6	SW	4	c	51	85	7	4	-	7.8	9	4000	1006.9	+16	SW	1	c	49	92	6	4	-	0	9	4000	1	1	60	47	-	9.2					
	Catterick	175	1004.2	+8	W	1	b	46	85	8	3	-	0	Tr	-	1006.9	+16	-	0	fg	37	97	6	-	3	-	0	-	-	61	36	27	0.5	Tr	6.6				
	Tynemouth	108	1003.0	+12	WSW	3	bc	48	85	7	-	4	-	0	2.3	-	1005.6	+14	WSW	3	bc	45	85	6	-	4	-	0	2.3	-	60	44	40	4	-	8			
11	St. Abbs Head	280	1001.6	+22	WNW	3	c	50	85	8	5	7	-	7.8	9	2500	1003.8	+10	WNW	3	bc	47	85	9	4	3	-	4.6	4.6	2500	0	2	54	47	-	8			
	Leuchars	36	1001.8	+18	W	2	c	47	85	8	-	3	-	0	7.8	-	1005.1	+18	WSW	2	c	48	85	9	5	1	-	7.8	7.8	4000	1	1	58	48	41	0.1	-	2.3	
12	Renfrew (Abbots I.)	19	1003.4	+14	-	0	fg	45	92	8	5	-	1	1	3800	1006.1	+18	WNW	2	b	41	97	8	5	4	-	1	1	220	1	1	59	40	31	0.1	-	6.2		
	Eskdalemuir	794	1004.1	+8	WNW	3	c	58	85	8	1	3	-	Tr	7.8	2800	1006.2	+18	-	0	fg	38	97	8	5	-	4.6	4.6	800	1	1	55	35	32	0.1	-	2.4		
	Point of Ayre	30	1004.1	+8	WNW	3	c	58	85	8	1	3	-	Tr	7.8	2800	1006.2	+18	-	0	fg	38	97	8	5	-	4.6	4.6	800	1	1	55	35	32	0.1	-	2.4		
13A	Tiree	22	1002.2	+12	WNW	3	pr	46	85	7	5	7	-	7.8	9	1200	1004.9	+10	SW	3	bc	44	92	8	3	7	-	4.6	4.6	2000	1	8	54	41	-	0.1	2.9		
13B	Stornoway	90	1002.2	+12	WNW	3	pr	46	85	7	5	7	-	7.8	9	1200	1004.9	+10	SW	3	bc	44	92	8	3	7	-	4.6	4.6	2000	1	8	54	41	-	0.1	2.9		
15	Dalwhinnie	1170	1005.5	+16	SW	2	bc	46	97	8	8	-	4.6	4.6	1500	1002.4	+12	W	3	bc	45	85	8	8	7	-	2.3	4.6	1500	1	1	58	44	-	0.6	2			
	Aberdeen	79	1005.5																																				



SECRET

Page 1.

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Sunday, 22nd September, 1940.  
No. 28794.

OBSERVATIONS at 13h. G.M.T. 21st September														OBSERVATIONS at 18h. G.M.T. 21st September														PAST 24 HOURS.									
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	% Humid. (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	% Humid. (21)	Visibility. 0-9 (22)	Cloud.					Barom. at M.S.L. mb. (28)	Change in 3 hours. (29)	Sea. 0-9 (30)	WEATHER.						
				Dir.	Force. 0-12 (4)					Form.	Amount. 0-10 (12)	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. 0-10 (24)					Height of Base. (feet) (26)	State of Ground. 0-9 (31)	7h.-13h. 21st. (37)	13h.-18h. 21st. (38)	18h. 21st to 1h. 22nd (39)				1h.-7h. 22nd. (40)						
1	London (Kew)...	1008.0	0	-	0	m	59	78	4	5	1	-	7.8	3	2500	1010.7	+1.4	-	0	b	58	65	5	5	-	-	1	1	2500	0	*	cfeom	bomom	bomow	bomofe		
	Croydon ...	1008.3	+2	SSE	1	Z	61	75	6	2	3	-	4.6	4.6	3000	1011.0	+2.0	-	0	Z	59	75	5	2	-	-	4.6	4.6	3000	1	*	cymbc	bomom	bomow	bomofe		
	S. Farnborough	1008.5	0	E	1	bc	65	55	7	2	3	-	4.6	4.6	3500	1011.0	+1.4	-	0	b	60	65	8	4	-	-	Tr	Tr	4000	1	*	bc	bomom	bomow	bomofe		
	Boscombe Down	1008.3	+6	-	0	c	63	55	8	2	3	-	4.6	7.8	3000	1010.6	+1.0	-	0	bc	59	75	7	3	-	-	Tr	Tr	3500	0	*	ifbc	bc	bomow	bomofe		
	Calshot (Soton.)	1008.6	+10	SE	2	c	60	85	7	8	3	-	9	9	6000	1010.9	+1.4	-	0	bc	59	75	7	7	-	-	Tr	Tr	6000	1	0	cymbc	idcb	bomow	bomofe		
	Lymington	1008.5	+2	NE	1	dr	58	32	6	8	-	-	10	10	500	1011.6	+1.6	-	0	c	55	32	7	4	-	-	7.8	7.8	2500	1	0	cymbc	idcb	bomow	bomofe		
	Manston	1008.6	0	SE	2	c	58	52	7	7	-	-	1	1	2000	1011.2	+1.2	-	0	b	56	62	7	2	-	-	Tr	Tr	3000	1	*	cymbc	idcb	bomow	bomofe		
2	Shoeburyness ...	1009.3	+4	NE	2	c	59	73	7	8	-	-	9	9	4000	1011.4	+1.8	-	0	bc	57	65	8	4	-	-	2.3	2.3	4000	1	*	bcmcm	cbcb	bomow	bomofe		
	Felixstowe	1008.8	+2	ESE	2	bc	62	65	7	7	2	-	4.6	4.6	3000	1010.3	+1.4	-	0	b	57	65	7	-	-	0	0	-	-	0	2	bc	bomom	bomow	bomofe		
	Gorleston	1008.3	+10	SE	3	bc	59	65	7	1	5	-	2.3	4.6	2500	1011.2	+1.2	-	0	bc	59	65	7	-	-	4	-	0	2.3	-	0	2	bc	bomom	bomow	bomofe	
	Mildenhall	1008.3	-2	SSW	1	bc	66	45	8	1	-	-	2.3	4.6	4000	1010.1	+1.4	-	0	bc	62	45	8	7	-	-	2.3	2.3	3000	0	*	bcmcm	cbcb	bomow	bomofe		
	Cranwell	1008.2	0	WSW	2	bc	65	45	8	3	6	-	4.6	4.6	2500	1010.1	+1.4	-	0	Z	57	75	6	5	-	-	7.8	7.8	3000	0	*	cymbc	idcb	bomow	bomofe		
3	Birmingham	1008.0	+4	SW	2	bc	64	35	8	1	3	-	1	2.3	4000	1009.3	+1.0	-	0	bc	62	35	7	4	-	-	2.3	2.3	4000	1	*	bc	bomom	bomow	bomofe		
	Upper Heyford	1008.2	+2	ESE	1	bc	66	45	7	2	3	-	1	2.3	3000	1010.0	+1.4	-	0	c	50	65	8	-	-	3	2	0	7.8	-	-	*	bcmcm	cbcb	bomow	bomofe	
4	Ross-on-Wye	1008.4	+4	WSW	2	bc	63	65	8	2	-	-	4.6	4.6	4000	1010.3	+1.0	-	0	b	59	75	8	4	-	-	1	1	2500	-	-	-	*	bcmcm	cbcb	bomow	bomofe
5	Hartland Point	1008.3	+10	W	2	bc	61	75	8	2	-	-	2.3	2.3	2500	1011.0	+1.0	-	0	b	59	75	9	1	-	-	1	1	2500	0	2	bc	bomom	bomow	bomofe		
	Bristol ...	1008.8	+2	E	0	c	63	55	8	2	-	-	7.8	7.8	2500	1011.3	+1.4	-	0	b	59	65	8	4	-	-	Tr	Tr	3000	0	2	bc	bomom	bomow	bomofe		
	Portland Bill	1008.3	+4	E	3	c	63	55	7	5	7	-	7.8	10	2500	1011.4	+1.6	-	0	c	60	65	8	5	-	-	7.8	10	4000	1	2	c	bomom	bomow	bomofe		
	Plymouth	1008.7	+8	SSW	2	bc	66	55	8	2	-	-	2.3	2.3	2600	1011.3	+1.4	-	0	bc	61	85	8	2	-	-	2.3	2.3	2500	0	1	bc	bomom	bomow	bomofe		
	The Lizard	1008.1	+10	SSE	2	bc	62	85	8	2	-	-	4.6	4.6	2500	1011.1	+2.2	-	0	bc	59	85	8	4	-	-	2.3	2.3	2500	0	1	bc	bomom	bomow	bomofe		
	Seilly (St. Mary's)	1009.3	+1.4	-	0	bc	65	65	8	3	4	3	2.3	4.6	1800	1011.3	+3.8	-	0	bc	62	75	8	3	-	-	1	2.3	2000	0	1	bc	bomom	bomow	bomofe		
	Guernsey	1008.3	+1.4	-	0	bc	65	65	8	3	4	3	2.3	4.6	1800	1011.3	+3.8	-	0	bc	62	75	8	3	-	-	1	2.3	2000	0	1	bc	bomom	bomow	bomofe		
6	Pembroke	1008.1	+8	WSW	3	bc	60	75	9	8	-	-	4.6	4.6	2500	1010.9	+4.4	-	0	b	56	55	9	7	-	-	1	1	2500	0	2	bc	bomom	bomow	bomofe		
7	Holyhead	1007.9	+10	WN	1	bc	60	75	8	8	-	-	4.6	4.6	2500	1009.7	+1.0	-	0	bc	56	75	8	2	-	-	2.3	2.3	2500	1	1	bc	bomom	bomow	bomofe		
	Chester (Sealand)	1007.9	+10	WN	1	pr	58	85	6	2	-	-	9	9	2500	1009.6	+1.0	-	0	bc	57	75	8	3	-	-	4.6	4.6	2200	1	*	bc	bomom	bomow	bomofe		
8	Manchester	1008.1	+6	SSW	1	c	61	55	7	2	3	-	4.6	9	2500	1009.9	+1.4	-	0	bc	57	75	6	8	-	-	2.3	2.3	3000	1	*	bc	bomom	bomow	bomofe		
10	Spurn Head	1008.4	+4	E'S	2	c	57	85	6	4	-	-	7.8	7.8	4000	1009.6	+4.4	-	0	bc	55	92	7	-	-	4	8	0	4.6	-	0	2	bc	bomom	bomow	bomofe	
	Catterick	1008.3	+8	WN	1	c	59	85	8	3	8	-	7.8	9	3500	1009.9	+1.0	-	0	c	56	65	8	5	3	-	-	4.6	7.8	7000	0	2	bc	bomom	bomow	bomofe	
	Tynemouth	1007.9	+10	W	3	c	58	55	8	8	-	-	9	9	2500	1009.7	+1.0	-	0	bc	54	85	7	8	3	-	-	4.6	4.6	3400	1	1	bc	bomom	bomow	bomofe	
11	St. Abbs Head	1007.4	+12	WN	2	c	53	75	9	5	7	-	4.6	7.8	2500	1009.8	+4.8	-	0	bc	51	75	8	4	-	-	2.3	2.3	2500	0	1	bc	bomom	bomow	bomofe		
	Leuchars	1007.4	+10	W	2	c	57	55	8	2	-	-	4.6	7.8	3500	1008.2	+1.0	-	0	bc	54	65	8	4	-	-	Tr	Tr	4000	0	*	bc	bomom	bomow	bomofe		
12	Reufrew (Abbots L)	1007.8	+8	WN	3	c	57	65	9	8	-	-	4.6	9	3000	1008.7	+4.4	-	0	bc	54	75	8	1	3	-	-	1	1	4500	0	*	bc	bomom	bomow	bomofe	
	Esksdalemuir	1007.7	+8	SSW	2	c	52	75	8	5	7	-	4.6	9	2500	1009.2	+1.0	-	0	bc	49	75	8	5	4	-	-	4.6	4.6	2500	1	*	bc	bomom	bomow	bomofe	
	Point of Ayre	1008.4	+10	E	2	bc	58	85	8	2	4	-	1	2.3	2500	1009.5	+4.4	-	0	bc	55	85	8	2	4	-	-	1	2.3	4000	0	1	bc	bomom	bomow	bomofe	
13A	Tiree	1006.8	+4	SSW	2	c	55	75	8	7	-	-	7.8	7.8	2800	1006.5	0	-	0	bc	53	85	8	5	3	-	-	2.3	4.6	2500	1	2	bc	bomom	bomow	bomofe	
13B	Stornoway	1005.7	+6	W	3	c	53	75	8	5	7	-	7.8	9	1500	1006.4	+2.2	-	0	bc	51	75	8	8	7	-	-	4.6	9	1500	1	2	bc	bomom	bomow	bomofe	
15	Dalwhinnie	1007.4	+6	S	1	c	53	85	8	1	4	-	4.6	9	2500	1007.0	+4.4	-	0	bc	42	92	8	1	-	-	1	1	2500	0	*	bc	bomom	bomow	bomofe		
	Aberdeen	1006.9	+10	WN	2	bc	53	65	8	7	-	-	4.6	4.6	4000	1008.0	+6.6	-	0	bc	52	65	6	7	3	-	-	1	4.6	4000	0	1	bc	bomom	bomow	bomofe	
	Wick	1005.6	+1.4	WN	3	pr	50	85	8	8	7	-	7.8	9	1500	1007.0	+1.0	-	0	c	50	85	8	8	3	-	-	4.6	9	1500	1	1	bc	bomom	bomow	bomofe	
16	Lerwick	1003.8	+22	WNW	3	pr	47	92	8	8	7	-	4.6	7.8	800	1005.5	+1.0	-	0	c	48	75	8	8	3	-	-	4.6	7.8	1500	0	*	bc	bomom	bomow	bomofe	
17	Blackad Point	1007.4	+8	S	3	bc	59	75	8	2	5	-	2.3	4.6	1500	1007.5	0	-	0	bc	55																

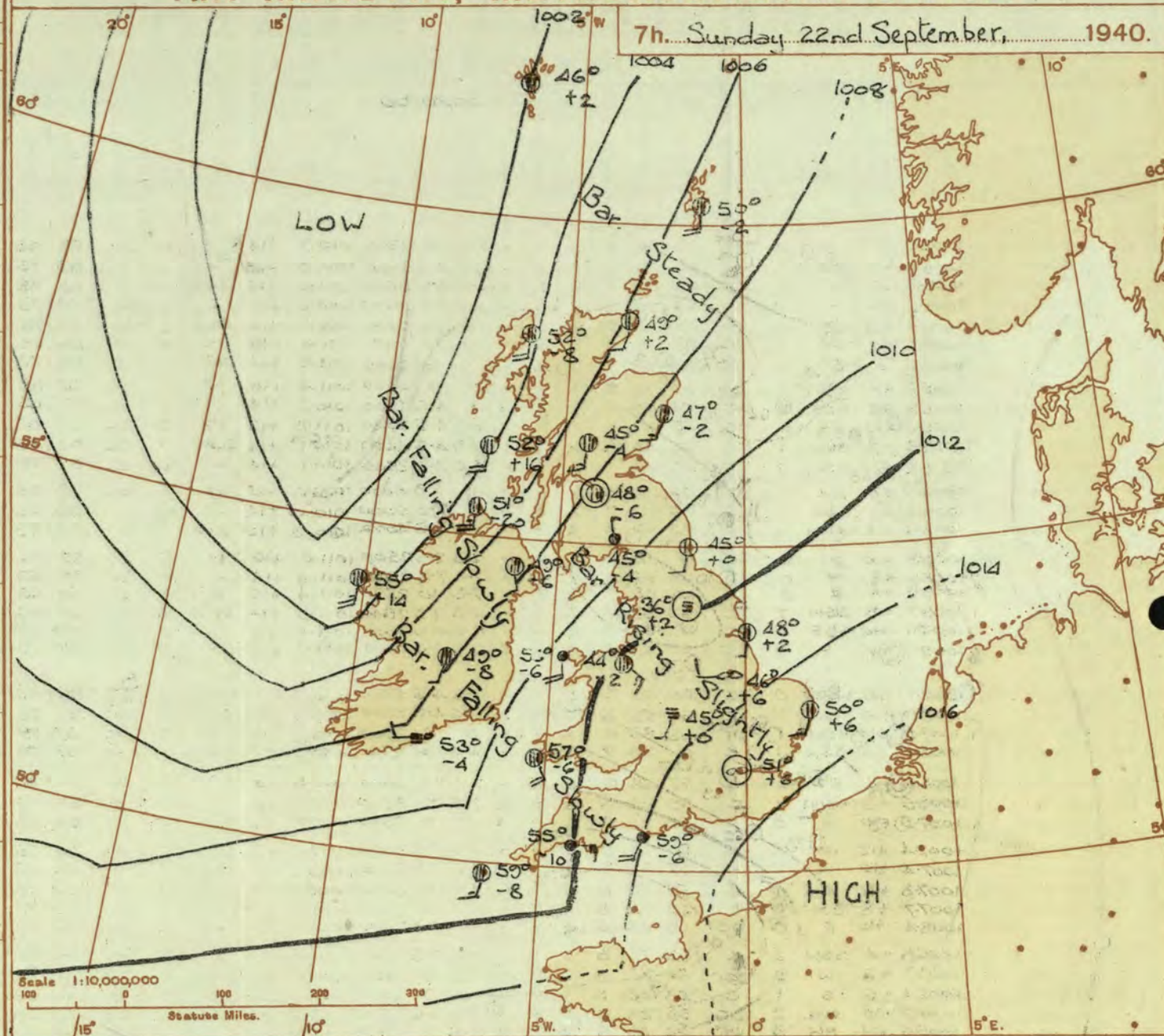


Abridged observations of additional stations in the AVIATION WEATHER CODE															
13h. G.M.T. 21st. Sept. 18h. G.M.T.				01h. G.M.T. 22nd. Sept. 07h. G.M.T.											
III	C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN
109	20	25364	26484	39	10254	22056	57	02863	20187	37	01853	17483			
115	87	02354	28485	57	32544	26486	52	02814	20487	52	82354	20485			
203															
206	73	02364	23225	77	01364	00025	53	01863	00024	74	02763	32115			
210	70	02363	22214	57	02363	16125	5-	01863	20103	7-	2862	20202			
220	73	01354	24215	32	22344	21217				52	03843	24323			
230															
245	86	01364	16325	46	01363	16324	00	02700	24116	3-	25764	24135			
260	20	02754	25116	40	00862	22102	05	01730	20114	23	02854	17328			
277	24	02353	15225	44	01363	16314	57	02764	17316	80	02765	16228			
270	--	01753	20215	00	00860	20100									
285	8-	02647	25417	8-	02346	28326									
288	27	02854	25217	83	02365	20120	03	03430	18116	00	43190	20244			
273	33	01762	22214							56	10653	12404			
301	23	02763	28326							03	45390	16245			
321	5-	08667	08127	83	05673	00013	07	45290	18143	00	45000	00043			
299	57	02754	30228							50	47154	20244			
292	67	02864	00047							--	46103	00045			
310	--	03626	24326												
316				8-	05663	24113	00	47390	00040	05	45390	16145			
333	23	01354	22314	10	00352	21202	20	01854	00014	63	61044	16426			
334	--	25853	22225	--	01861	20101									
340	67	02354	16125	80	00362	32112	00	00830	00000	50	01861	16104			
136										03	05690	20327			
336	--	01853	20414	--	01852	24413									
350	10	01354	16214	10	00862	20102	00	05690	20200	--	48200	12240			
368				26	00961	23201	40	00761	00001	--	48103	16243			
379	13	01863	00003												
390	13	01853	00014	10	00862	00012									
382	14	01861	14102							00	05690	00010			
438	8-	03848	04228							51	02844	23315			
430				03	00730	20101									
409	50	00852	26112	80	00851	30101	00	01790	12103	5-	52618	14358			

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<sub>h</sub> - Height and amount of low cloud—See M.O. 252.  
 N - Total amount of cloud—See M.O. 252.  
 G, C<sub>h</sub> - 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. Sunday 22nd September
1 S.E. England	Light to moderate southerly winds veering southwest; becoming cloudy or dull; a period of rain or drizzle spreading from southwest today; local fog near South coast;
2 E. England ...	becoming mild.
3 E. Midlands ...	
4 W. Midlands ...	Wind becoming southwest moderate; dull, some rain or drizzle and coast fog at first, then cloudy with coastal drizzle and hill fog; mild.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	As 12-13B
9 N. Midlands ...	Light southerly winds, freshening, veering later, fair at first; cloud increasing, some rain or drizzle; rather cool, becoming milder.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Freshening southerly wind, veering southwest to west; cloudy, some rain, brighter periods with local showers spreading from west; average temperature.
13 { A. W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	Wind south to southeast, becoming fresh, veering southwest later; fair today; cloudy, some rain later; average temperature.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Fresh southerly winds veering west, decreasing; cloudy; some rain; brighter periods spreading from west; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	Wind southwest moderate, dull, some rain or drizzle with local coast and hill fog; mild.
20 S. W. Ireland	

## AIR MINISTRY, METEOROLOGICAL OFFICE.



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

### GENERAL INFERENCE.

A depression is located between Iceland and Ireland and an associated trough just west of Ireland and a secondary disturbance farther south will move east-northeast across the country. Rain or drizzle will spread up from the southwest to affect most districts, but weather will be mainly fair over most of Scotland and Northeast England today. Subsequently mild southwesterly winds will prevail.

### FURTHER OUTLOOK.

Unsettled southwesterly type of weather with further disturbances moving in from the Atlantic.

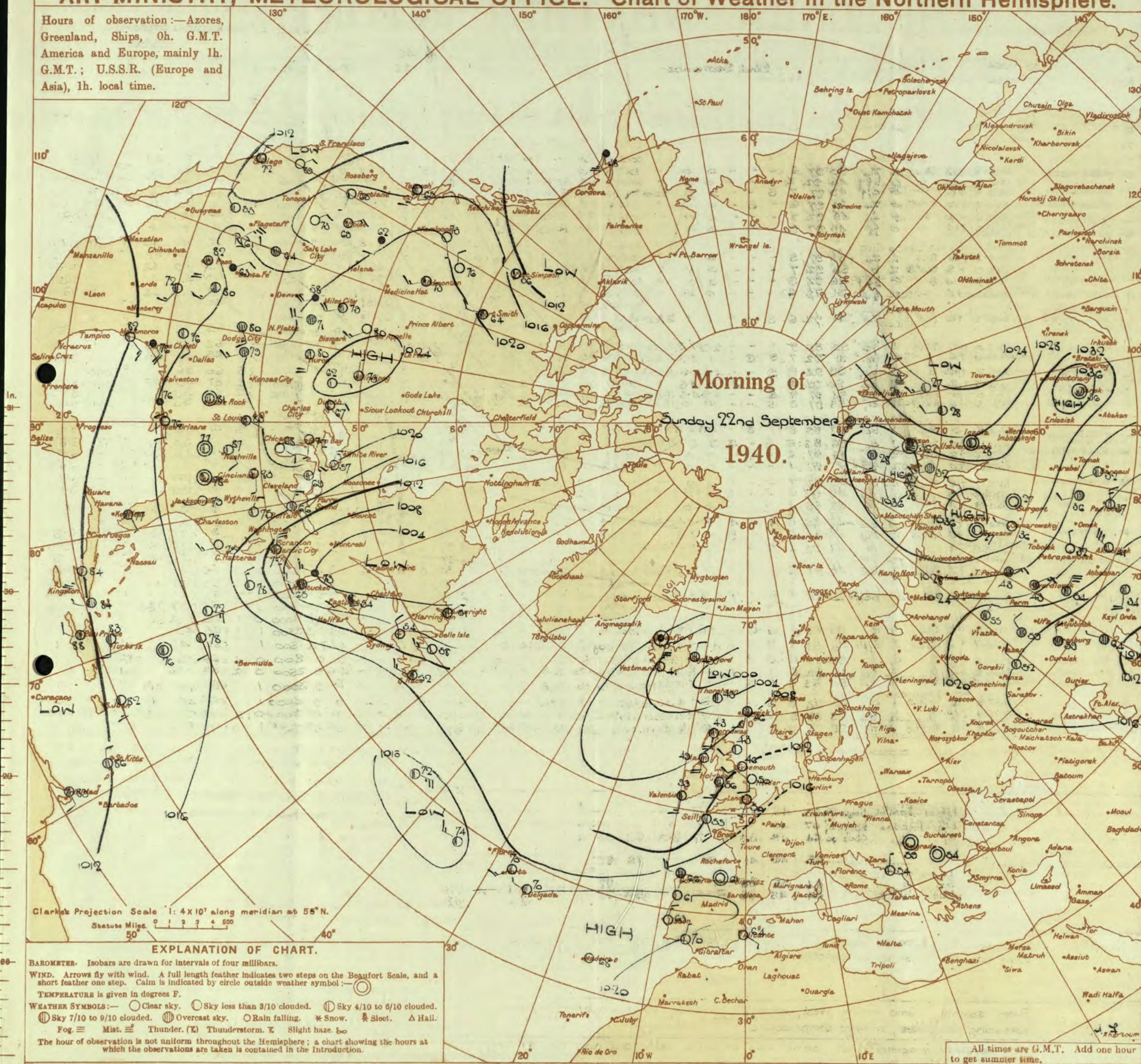
Forecasts issued at 10.30 G.M.T.  
 H.M.S.O. Press, Cornwall House, S.E.1.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 22nd September, 1940.

No 25724.

OBSERVATIONS at 1 hr. G.M.T. 22nd September														OBSERVATIONS at 7 hr. G.M.T. 22nd September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Sea.	TEMPERATURE.		RAINFALL.		Sun-shine.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	State of Ground.	0-9		9-9	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.	24h. Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
																																				0-12	0-12	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10



SECRET

Page 1.

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

BRITISH SECTION

Monday, 23rd September, 1940.

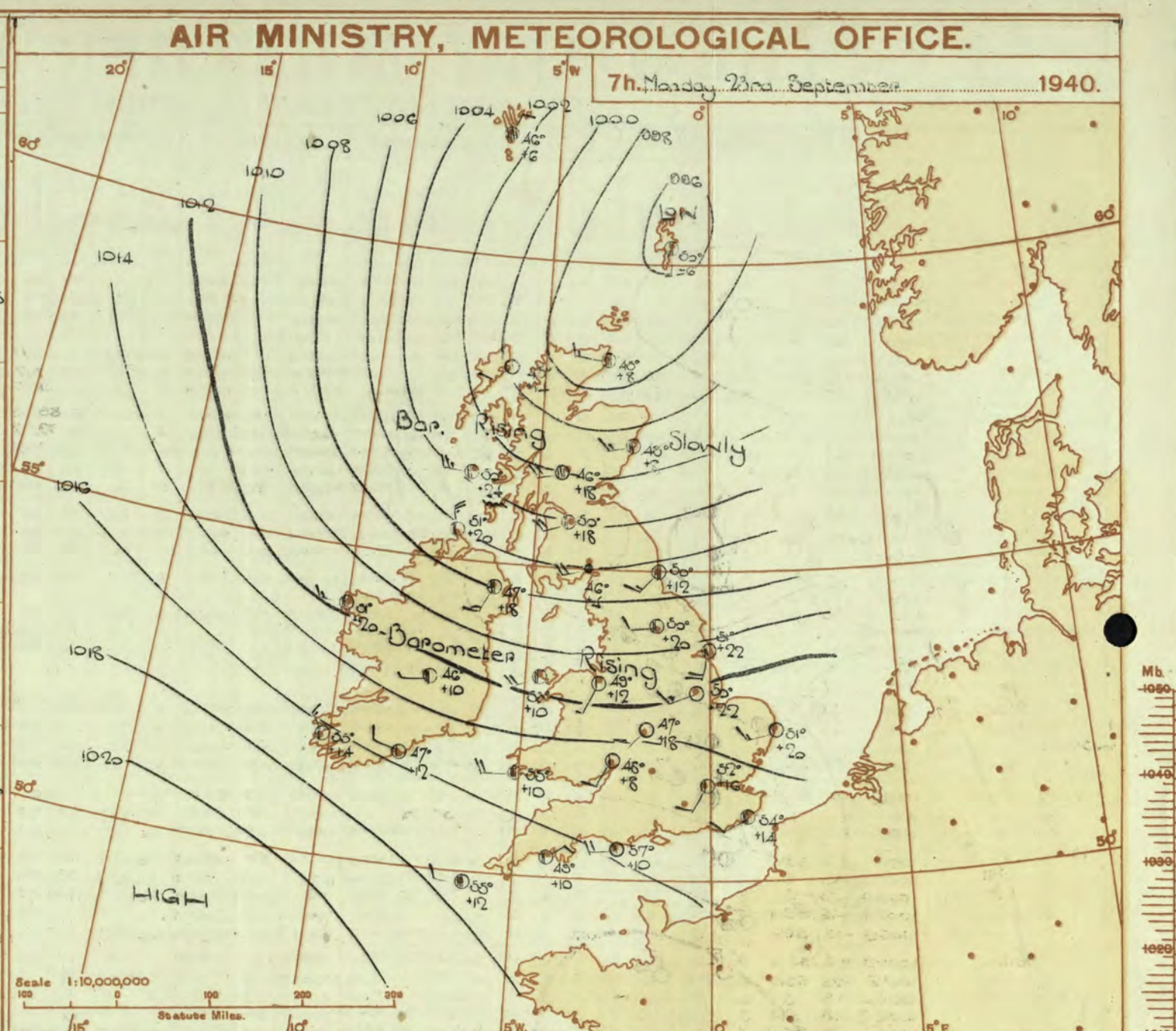
No. 28735

OBSERVATIONS at 13h. G.M.T. 22nd September														OBSERVATIONS at 18h. G.M.T. 22nd September														PAST 24 HOURS.								
DISPERCT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. mi. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. mi. (22)	Cloud.					State of Ground. (29)	Sea. (30)	WEATHER.						
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. Low 0-10 Total 0-10 (23) (24)					Height of Base (feet) (28)	7h.—13h. ...22nd. (37)	13h.—18h. ...22nd. (38)	18h.—24h. 1h.—23rd. (39)	1h.—7h. ...23rd. (40)									
1	London (Kew)...	1011.6	-2.6	S	3	id.	62	85	6	5	-	10	10	300	1009.2	-1.0	SW	4	4	60	92	6	5	-	9	9	1500	1	*	Faded	id.	id.	id.	id.		
	Croydon ...	1012.3	-1.8	S	2	c	63	82	6	2	-	7-8	10	700	1009.7	-1.4	S	2	c	61	92	7	6	2	-	7-8	9	900	1	*	edmo	id.	id.	id.	id.	
	S. Farnborough	1011.4	-2.6	SW	3	dr	63	85	5	2	-	7-8	10	900	1009.7	-5	SW	4	4	61	92	7	8	3	-	9	9	1200	1	*	edmo	id.	id.	id.	id.	
	Boscombe Down	1010.1	-2.6	S	4	r	61	97	6	7	-	7-8	10	400																						
	Calshot (Soton.)	1011.8	-1.4	SW	5	c	63	92	7	6	3	-	9	9	300	1010.3	-6	WSW	4	4	61	92	7	9	3	1	9	9	1000	1	2	edmo	id.	id.	id.	id.
	Lympne ...	1014.4	-1.4	S	3	id.	60	97	6	6	2	-	7-8	10	400	1012.0	-1.6	SSW	2	c	62	92	7	5	7	-	4-6	10	1500	1	5	edmo	id.	id.	id.	id.
	Manston ...	1014.8	-2.2	SW	5	id.	59	92	6	5	7	-	2-3	10	500	1011.4	-1.2	SW	5	4	62	85	7	8	7	-	2-3	10	1200	1	5	edmo	id.	id.	id.	id.
2	Shoeburyness ...	1013.8	-1.6	SSE	3	c	60	92	5	5	-	10	10	2500	1010.2	-1.8	SSW	4	c	63	85	8	8	1	-	4-6	9	1500	1	*	edmo	id.	id.	id.	id.	
	Felixstowe ...	1014.4	-1.4	SE	4	id.	60	85	6	5	2	-	9	10	1000	1009.5	-2.2	SW	6	c	60	92	7	5	7	-	9	9	1800	1	2	edmo	id.	id.	id.	id.
	Gorleston ...	1014.1	-1.2	S	5	c	61	73	7	8	7	-	4-6	9	2500	1009.5	-3.0	S	5	5	59	92	5	6	-	10	10	800	1	5	edmo	id.	id.	id.	id.	
	Mildenhall ...	1012.3	-1.8	SSE	4	c	63	85	5	2	-	7-8	10	2500	1008.1	-2.4	S	2	2	61	92	6	5	2	-	4-6	9	3000	1	*	edmo	id.	id.	id.	id.	
	Cranwell ...	1011.4	-2.0	S	4	c	63	85	8	5	7	7	7-8	10	2500	1007.5	-2.2	S	3	2	59	97	6	5	2	-	9	10	1000	1	*	edmo	id.	id.	id.	id.
3	Birmingham	1009.7	-2.4	SSE	2	gr	59	75	6	5	-	10	10	1500	1007.1	-8	WSW	2	bc	58	92	8	3	-	3	2-3	4-6	4000	1	*	Fe	id.	id.	id.	id.	
	Upper Heyford	1011.3	-2.0	SE	3	DR	58	97	4	6	2	-	9	10	500	1008.4	-6	SSW	4	c	61	85	8	6	3	-	7-8	9	400	1	*	edmo	id.	id.	id.	id.
4	Ross-on-Wye ...	1009.2	-3.0	SW	3	gr	62	85	7	6	1	-	9	10	1500	1001.8	0	WS	4	bc	61	75	8	2	-	1	2-3	2500	0	*	edmo	id.	id.	id.	id.	
5	Hartland Point	1009.1	-6	SW	3	gr	59	97	7	5	2	-	9	9	500	1009.4	0	W	4	bc	59	85	8	5	4	-	2-3	4-6	1500	0	3	edmo	id.	id.	id.	id.
	Bristol ...	1010.1	-2.0	S	3	gr	63	85	7	5	-	10	10	1300																						
	Portland Bill ...	1011.3	-1.6	SW	4	c	62	85	7	5	-	10	10	2300	1011.3	-1.2	WSW	4	bc	61	92	8	5	-	-	4-6	4-6	4000	1	3	edmo	id.	id.	id.	id.	
	Plymouth ...	1010.5	-1.0	SW	3	gr	60	97	6	5	-	10	10	300	1011.9	+1.4	W	4	b	61	65	8	7	7	4	7	1	2500	0	2	edmo	id.	id.	id.	id.	
	The Lizard ...	1010.8	0	W	3	c	60	97	8	6	-	7-8	7-8	1000	1012.5	+8	WSW	4	bc	58	92	8	8	-	-	2-3	2-3	3000	1	2	edmo	id.	id.	id.	id.	
	Scilly (St. Mary's)	1011.1	+3	W'S	3	c	60	92	9	8	2	-	4-6	6	1200																					
	Guernsey ...																																			
6	Pembroke ...	1008.8	-6	W'S	4	bc	59	97	8	5	1	9	1	4-6	1500	1008.2	-2	WSW	7	bc	59	85	8	8	6	1	4-6	7-8	1200	1	3	edmo	id.	id.	id.	id.
7	Holyhead ...	1007.1	-1.8	SSW	4	id.	57	92	6	5	-	10	10	1500	1004.9	-1.0	SW	4	gr	58	85	8	8	4	-	7-8	7-8	3000	1	2	edmo	id.	id.	id.	id.	
	Chester (Sealand)	1008.3	-2.6	SSE	3	id.	59	75	6	5	7	-	7-8	9	3100	1005.9	-1.2	WSW	4	bc	60	65	8	8	4	-	2-3	4-6	2000	1	*	edmo	id.	id.	id.	id.
8	Manchester ...	1009.3	-2.6	SE	3	id.	59	75	6	5	7	-	4-6	9	2500	1006.0	-1.4	SSW	2	gr	57	92	6	5	3	-	2-3	4-6	2500	1	*	edmo	id.	id.	id.	id.
10	Spurn Head ...	1011.0	-1.2	SE	3	c	62	65	6	4	4	-	2-3	4	4000	1006.2	-1.6	SE	5	0	57	92	6	6	-	-	10	10	1500	1	3	edmo	id.	id.	id.	id.
	Catterick ...	1009.1	-2.6	S	2	gr	61	65	6	-	7	8	0	10	-	1005.2	-1.6	SSE	1	gr	55	97	4	5	2	-	9	10	1000	1	1	edmo	id.	id.	id.	id.
	Tynemouth ...	1009.6	-1.2	SSE	3	gr	59	65	6	8	3	-	7-8	7-8	2500	1004.7	-2.0	S	5	gr	60	75	6	5	3	-	4-6	7-8	3200	1	1	edmo	id.	id.	id.	id.
11	St. Abbs Head	1006.7	-1.8	SSW	4	c	60	65	9	5	3	5	4-6	7-8	4000	1003.5	-1.0	S	3	gr	55	75	7	8	7	-	7-8	10	2500	0	2	id.	id.	id.	id.	
	Leuchars ...	1005.7	-2.0	S	3	gr	54	92	7	5	7	-	7-8	9	2200	1002.2	-1.8	S	4	gr	53	92	7	5	2	-	9	10	1100	1	*	id.	id.	id.	id.	
12	Renfrew (Abbots L.)	1005.0	-2.0	S	3	gr	56	92	6	6	2	-	7-8	10	1200	1001.3	-1.8	SW	4	gr	54	92	6	6	2	-	2-3	9	1000	1	*	id.	id.	id.	id.	
	Esksdalemuir ...	1007.1	-1.6	SSW	4	gr	52	85	6	-	2	-	10	10	800	1002.8	-1.8	SW	4	gr	52	92	6	-	2	-	10	10	450	1	*	id.	id.	id.	id.	
	Point of Ayre ...	1006.3	-1.8	SSW	4	c	59	97	8	8	4	6	4-6	7-8	1500	1003.4	-1.4	SW	2	gr	53	97	8	8	-	-	9	9	2500	1	2	id.	id.	id.	id.	id.
13A	Tiree ...	1001.9	-6	SSW	5	c	53	92	7	5	-	7-8	7-8	1500	999.1	-1.4	SSW	3	bc	52	85	8	8	-	-	2-3	2-3	1500	0	3	id.	id.	id.	id.	id.	
13B	Stornoway ...	1001.2	-2.4	SSE	6	gr	52	92	7	5	2	-	9	10	1200	1000.3	0	S	4	c	52	85	8	8	7	-	7-8	9	1400	1	2	id.	id.	id.	id.	id.
15	Dalwhinnie ...	1004.4	-1.8	S	3	c	49	85	7	4	1	-	4-6	10	1500	*	-2.0	S	3	c	48	92	7	5	1	-	4-6	10	1500	1	*	id.	id.	id.	id.	id.
	Aberdeen ...	1006.2	-1.8	SW	3	gr	53	85	6	9	7	-	9	9	1500	1002.1	-1.6	SSW	3	gr	53	92	6	6	2	-	9	10	1500	1	*	id.	id.	id.	id.	id.
	Wick ...	1004.1	-1.8	SSW	4	c	54	85	7	5	1	8	4-6	9	2500	1000.3	-1.4	S	5	gr	53	97	6	5	2	-	9	10	1500	1	2	id.	id.	id.	id.	id.
16	Lerwick ...	1006.2	-2	S	4	c	51	92	8	5	7	-	4-6	9	1500	1003.6	-1.2	SE	4	c	51	92	7	8	7	-	7-8	10	800	1	*	id.	id.	id.	id.	id.
17	Blackod Point...	1003.7	0	SW	4	pr	59	75	8	3	-	-	4-6	4-6	1500	1004.8	+1.6	W	4	pr	53	85	8	3	6	-	4-6	4-6	2500	1	3	id.	id.	id.	id.	id.
18	Malin Head ...	1002.3	-4	S	4	bc	53	85	8	2	-	1	2-3	4-6	5700	1001.0	-2	W	5	gr	53	75	8	9	-	3	4-6	7-8	4000	0	3	id.	id.	id.	id.	id.
	Aldergrove ...	1004.7	-1.4	SSW	2	gr	56	92	7	6	2	-	4-6	10	1500	1002.7	-6	SW	4	gr	54															



Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 22nd Sept. 18h. G.M.T.				01h. G.M.T. 23rd Sept. 07h. G.M.T.							
III, C <sub>u</sub>	ww, Vh, N	DDFWN	C <sub>u</sub>	ww, Vh, N	DDFWN	C <sub>u</sub>	ww, Vh, N	DDFWN	C <sub>u</sub>	ww, Vh, N	DDFWN
109 11	02872	16327				07	01790	26266	57	02844	22115
115 53	81554	12486	52	81844	18085	51	02854	14285	52	81844	20286
203											
206 52	62754	16128	54	02354	16264	57	61855	00025			
210			57	22855	17266	51	01964	00015			
220 96	25845	22486	83	01854	24514				32	82846	27487
230			97	81946	18267	8-	02847	55667	30	26844	22485
245 52	61745	16485	52	62755	20365	51	22854	22365	5-	01955	22825
260 52	62755	17358	57	22743	17268	3-	81745	22485	20	00853	22403
277 5-	02738	16568	5-	02745	02655	54	01852	23414	86	01853	23415
279 --	05658	16328	--	67228	14468						
285									2-	02746	28380
288 50	05674	16326	5-	64557	14367	00	00850	20260	80	00851	21311
273											
301 53	61664	16467	53	05564	18466	8-	02766	57566	8-	01755	57515
321 53	02773	18416	60	05344	14366	00	05650	22210	57	05663	20213
290 57	05654	16215	82	81543	12483	50	00751	20201			
292 07	05650	15147	02	64448	14163	50	01853	22413			
310									--	01633	24413
316 77	02764	16318	62	64534	14263	00	00700	24100	50	05571	24101
333 5-	62648	16368	53	01644	20565	10	01853	24413	24	00853	24303
334						00	00950	20260	--	01755	22415
340			83	01853	20414	04	05650	20400	80	00961	20311
136 77	02855	17325	52	22646	16368				54	05661	20311
336									--	01853	24514
350						00	05650	18310	00	05650	18301
368 31	02845	14228				2-	01854	24314	26	05652	26212
379 --	48303	18265	23	25753	20284	00	00850	20300	00	00750	22300
390 5-	21748	08258									
382 62	22635	12263	62	02835	20427	04	00750	21211	07	00850	20201
438 8-	02748	20428							86	01754	24314
430			57	51646	20327				03	05650	28116
409 5-	02826	25467	53	01852	20513	20	01844	24314	83	10344	28284

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C<sub>u</sub>, C<sub>m</sub> = 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. 23rd September 1940
1 S.E. England	Moderate to light westerly wind variable later; fine; local fog in morning; average day temperature, slight ground frost locally at night
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Fresh or strong west to northwest wind, moderating; bright intervals local showers; average day temperature, slight ground frost locally at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Fresh or strong northwest wind, mainly cloudy; showery; cool.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7-13a
18 N. E. Ireland	
19 S. E. Ireland	As 1-6
20 S. W. Ireland	

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

#### GENERAL INFERENCE.

A depression off North Scotland is moving northeast and a small anticyclone off West Ireland is moving east. A depression west of the Bay of Biscay is moving east but is not expected to affect the British Isles. Weather will be fine apart for local showers in the North.

#### FURTHER OUTLOOK.

Doubtful but probably fine except in extreme North with local morning fog.

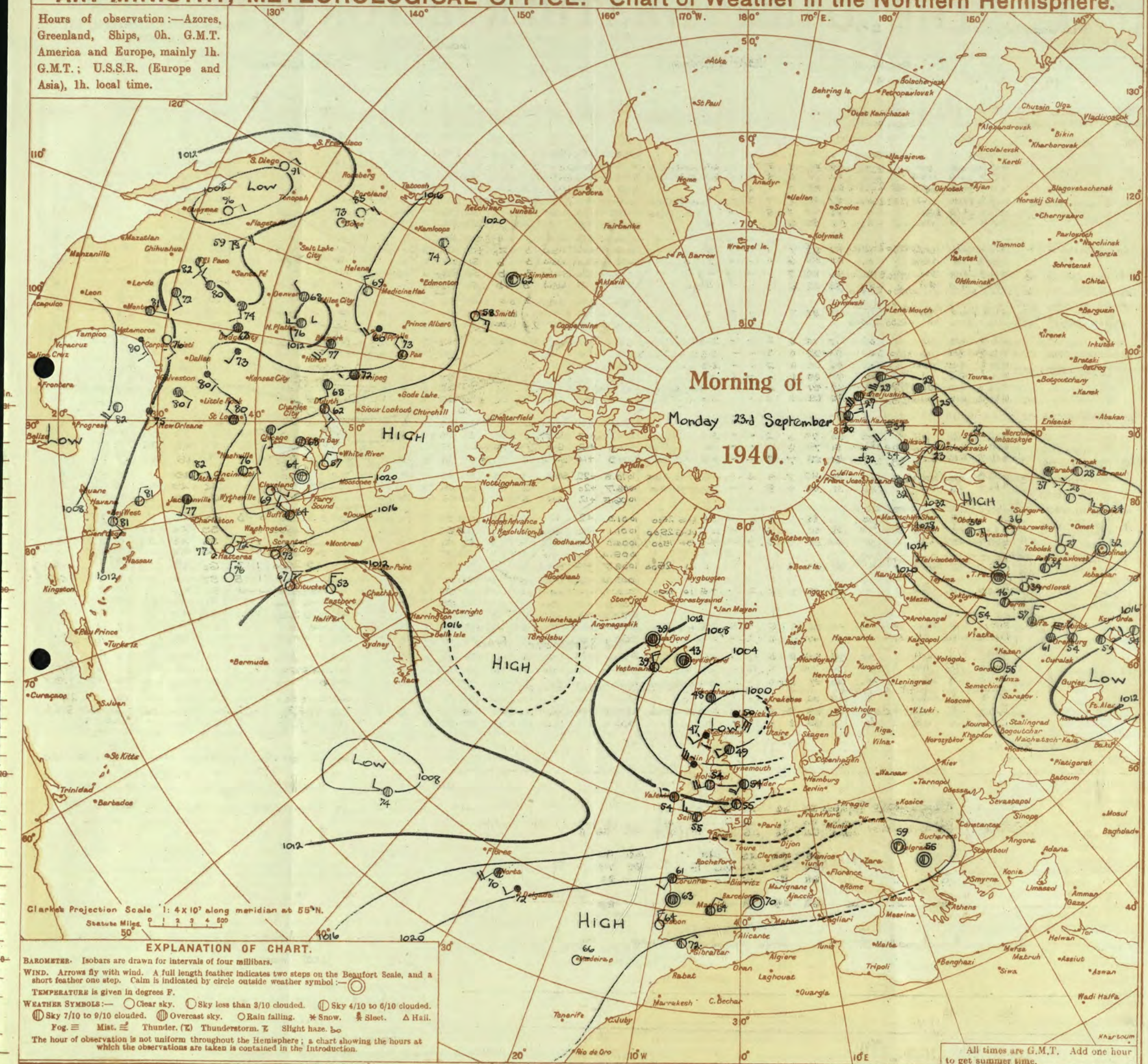
Forecasts issued at 10.30.  
 H.M.S.O. Press, Cornwall House, S.E.1.

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



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

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





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 23rd September 1940.  
No. 28725

OBSERVATIONS at 1 hr. G.M.T. 23rd. September															OBSERVATIONS at 7 hr. G.M.T. 23rd. September															PAST 24 HOURS.						
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.			Sunshine 22-24 Hrs. (36)	
					Direc.	Force. 0-12 (4)					Form.	Amount. 0-10 (12)	Height of Base. (feet) (14)	Direc.	Force. 0-12 (18)			Form.	Amount. 0-10 (26)					Height of Base. (feet) (28)	Max. Day 7h-12h °F. (31)	Min. Night 12h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-12h mm. (34)	Night 12h-7h mm. (35)					
																																Low. (9)	Med. (10)	High (11)		Low 0-10 (12)
1	London (Kew) ... 18	*	*	*	*	*	*	*	*	*	*	*	1014.8	+16	SWW	2	bc	82	85	6	-	-	5	0	1	-	1	*	64	52	44	2	0.2	0.0		
	Croydon ... 217	1012.0	+8	SW	2	bc	55	92	7	5	3	-	1014.7	+16	SW	2	b	52	92	7	-	-	4	0	Tr	-	1	*	64	51	48	1	-	0.8		
	S. Farnborough ... 226	1012.5	+10	WSW	3	bc	54	96	8	5	-	2-3	1015.2	+14	WSW	2	bc	50	92	8	-	-	4	0	1	-	1	*	64	48	42	1	Tr	0.4		
	Boscombe Down ... 417	1013.1	+12	SWW	3	bc	54	92	8	-	4	-	1015.4	+18	WSW	2	b	48	92	8	5	-	3	Tr	1	3000	1	*	64	47	35	Tr	-	0.1		
	Calshot (Stamtn.) ... 8	1013.2	+10	W	3	bc	57	92	7	7	3	-	1015.2	+14	W	2	b	51	92	7	1	3	4	Tr	1	3000	1	1	64	50	46	1	-	0.1		
	Lymington ... 346	1014.1	+10	SSW	2	b	54	97	7	5	-	1	1015.8	+14	WSW	2	c	54	92	7	5	-	2	7-8	4500	1	3	62	51	45	1	2	0.1			
	Manston ... 164	1013.5	+12	WSW	3	bc	55	92	6	-	3	-	1015.7	+14	W	2	bc	52	92	6	5	3	9	2-3	2-3	4000	1	*	62	51	45	1	2	0.1		
2	Shoeburyness ... 11	1010.6	+	WSW	4	b	57	85	7	-	-	0	1014.8	+12	SW	3	b	55	88	8	-	-	1	0	1	-	1	*	63	53	47	1	Tr	1.8		
	Felixstowe ... 15	1010.6	+8	WSW	4	b	57	85	6	-	-	0	1013.7	+16	WSW	3	bc	53	92	6	-	-	1	0	Tr	1	1	2	63	52	48	0.2	Tr	1.7		
	Orleston ... 5	1009.8	+14	WSW	3	b	57	85	6	-	-	0	1012.5	+20	WSW	3	bc	51	92	6	-	-	1	0	Tr	1	1	2	62	51	45	1	3	3.3		
	Mildenhall ... 19	1010.0	+16	SW	4	b	54	92	7	-	4	-	1013.0	+20	SWW	3	b	50	92	6	-	-	4	0	Tr	-	1	*	65	49	43	7	0.4	1.7		
	Cranwell ... 240	1008.6	+10	SW	3	bc	52	92	6	-	-	0	1012.3	+22	WSW	3	b	50	88	7	-	-	0	0	-	1	*	65	47	45	1	0.1	3.3			
3	Birmingham ... 535	1012.8	+12	W	4	bc	57	75	8	2	-	2-3	1015.3	+16	WNW	3	bc	55	75	9	8	4	-	4-6	4-6	1800	0	3	62	54	49	0.2	Tr	2.8		
	Upper Heyford ... 408	1011.3	+10	SW	3	b	54	92	8	2	-	2-3	1015.1	+14	W	1	b	48	92	7	2	4	-	Tr	Tr	2500	1	*	62	47	41	1	1	1.4		
	Ross-on-Wye ... 223	*	*	*	*	*	*	*	*	*	*	*	1015.3	+10	N	4	bc	57	92	8	5	-	-	4-6	4-6	4000	1	3	62	(54)	4	-	-	2.8		
5	Hartland Point ... 299	1012.7	+12	WSW	4	bc	57	85	8	-	7	-	1016.3	+10	NE	2	bcjp	49	97	7	3	7	3	4-6	4-6	2500	1	1	63	48	41	0.1	2.2			
	Bristol ... 208	1013.2	+10	WSW	4	bc	57	85	8	-	7	-	1016.3	+10	W	3	bc	55	92	8	8	4	-	4-6	4-6	2000	1	2	62	54	41	0.5	2.9			
	Portland Bill ... 32	1014.4	+14	W	2	bc	56	97	8	4	-	2-3	1016.7	+12	WN	2	c	55	85	8	8	4	4	4-6	7-8	1800	0	1	61	53	41	0.2	3.7			
	Plymouth ... 82	1014.6	+10	WNW	3	bc	55	92	8	4	-	2-3	1014.3	+10	WNW	4	c	56	85	8	8	7	-	4-6	7-8	2500	1	3	60	54	48	5	-	3.1		
	The Lizard ... 240	1014.8	+10	WNW	3	bc	55	92	8	4	-	2-3	1011.3	+10	WS	4	bc	53	85	8	8	3	-	4-6	4-6	2200	1	3	60	52	50	0.3	-	0.8		
	Scilly (St. Mary's) ... 163	1014.8	+10	WNW	3	bc	51	75	8	1	-	1	1011.5	+12	SW	1	bc	49	85	6	2	-	-	1	2000	1	*	61	48	38	2	1	10.8			
	Guernsey ... 175	1008.3	+18	SW	2	bc	51	75	8	-	-	1	1011.5	+14	SW	1	bc	49	85	6	2	-	-	1	2000	1	*	61	48	38	2	1	10.8			
6	Pembroke ... 142	1008.7	+16	WS	2	bc	51	75	8	-	-	1	1011.5	+12	SW	1	bc	49	85	6	2	-	-	1	2000	1	*	61	48	38	2	1	10.8			
7	Holyhead ... 26	1008.3	+18	SW	2	bc	51	75	8	-	-	1	1011.5	+12	SW	1	bc	49	85	6	2	-	-	1	2000	1	*	61	48	38	2	1	10.8			
8	Chester (Sealand) ... 16	1008.3	+18	SW	2	bc	51	75	8	-	-	1	1011.5	+12	SW	1	bc	49	85	6	2	-	-	1	2000	1	*	61	48	38	2	1	10.8			
8	Manchester ... 70	1008.3	+18	SW	2	bc	51	75	8	-	-	1	1011.5	+12	SW	1	bc	49	85	6	2	-	-	1	2000	1	*	61	48	38	2	1	10.8			
10	Spurn Head ... 29	1008.3	+6	WSW	4	c	54	85	7	4	4	-	1010.8	+22	SSW	4	bc	51	85	7	4	-	-	2-3	2-3	4000	1	2	64	49	44	0.3	0.3	6.3		
	Catterick ... 175	1008.2	+8	SSW	1	bc	51	85	9	5	-	7-8	1008.7	+20	W	2	b	50	85	8	8	-	-	2-3	2-3	2500	1	*	62	49	40	4	0.4	2.5		
	Tynemouth ... 108	1008.5	+12	SW	3	bc	50	85	7	8	-	-	1006.5	+12	SW	3	bc	50	85	7	8	-	-	4-6	4-6	2100	1	2	61	49	44	Tr	1	*		
11	St. Abbs Head ... 280	1000.2	+2	SW	4	bc	48	92	7	5	-	4-6	1001.1	+10	WSW	3	bc	53	85	8	8	4	-	2-3	2-3	2500	0	3	60	46	41	Tr	11	0.2		
	Leuchars ... 36	1002.3	+4	WS	4	pr	50	92	7	9	7	-	1004.0	+18	WSW	4	bc/pr	53	85	8	8	-	-	4-6	4-6	1600	1	*	58	48	44	4	4	0.3		
12	Renfrew (Abbots L.) ... 19	1002.3	+	WS	4	pr	50	92	7	9	7	-	1004.0	+18	WSW	4	bc/pr	53	85	8	8	-	-	4-6	4-6	1600	1	*	58	48	44	4	4	0.3		
	Eskdalemuir ... 794	*	*	*	*	*	*	*	*	*	*	*	1005.4	+4	WS	4	pr	46	92	7	3	7	7	9	9	800	1	*	53	44	41	6	7	0.0		
	Point of Ayre ... 30	1005.3	+8	WNW	6	b	52	92	8	4	-	1	1008.7	+12	WNW	6	bc	51	92	8	4	4	-	2-3	2-3	2500	1	3	60	49	44	8	1	0.4		
13A	Three ... 22	1002.7	-6	WSW	2	rr	47	92	7	5	2	-	1003.8	+24	WNW	5	bc/pr	50	92	8	8	6	-	4-6	4-6	1500	1	5	57	48	41	3	2	3.6		
13B	Stornoway ... 80	1002.7	-6	WSW	2	rr	47	92	7	5	2	-	1003.8	+24	WNW	5	bc/pr	50	92	8	8	6	-	4-6	4-6	1500	1	5	57	48	41	3	2	3.6		
15	Dalwhinnie ... 1176	1002.7	-6	WSW	2	rr	47	92	7	5	2	-	1003.8	+24	WNW	5	bc/pr	50	92	8	8	6	-	4-6	4-6	1500	1	5	57	48	41	3	2	3.6		
	Aberdeen ... 79	1002.7	-6	WSW	2	rr	47	92	7	5	2	-	1003.8	+24	WNW	5	bc/pr	50	92	8	8	6	-	4-6	4-6	1500	1	5	57	48	41	3	2	3.6		
	Wick ... 81	1002.7	-6	WSW	2	rr	47	92	7	5	2	-	1003.8	+24	WNW	5	bc/pr	50	92	8	8	6	-	4-6	4-6	1500	1	5	57	48	41	3	2	3.6		
	Lerwick ... 156	1002.7	-6	WSW	2	rr	47	92	7	5	2	-	1003.8	+24	WNW	5	bc/pr	50	92	8	8	6	-	4-6	4-6	1500	1	5	57	48	41	3	2	3.6		
16	Blacksd Point ... 18	1003.1	+16	WN	4	bc	52	96	8	3	6	-	1012.6	+20	WNW	3	bc	51	75	8	3	-	-	4-6	4-6	1500	0	3	60	49	41	2	1	0.2		
18	Malin Head ... 84	1003.8	+16	NW	3	pr	52	75	8	2	6	-	1007.6	+20	NNW	5	bc	51	65	8	2	-	-	4-6	4-6	5700	0	3	58	41	41	5	0.2	1.9		
	Aldergrove ... 268	1006.3	+18	WSW	3	bc	48	92	8	5	-	-	1009.4	+18	SW	3	bc	47	92	8	8	-	-	4-6	4-6	2000	1	*	59	46	41	5	0.2	1.9		
19	Birr Castle ... 173	1010.9	-8	WSW	1	bc	48	92	8	-	-	0	1013.5	+10	W	1	bc	46	92	8	5	4	-	2-3	2-3	2500	1	*	59	44	41	6	-	2.7		
20	Valentia Obey. ... 30	1013.7	+8	W	2	bc	54	85	9	8	-	-	1015.3	+14	NW	3	bc	55	75	9	8	-	-	2-3	2-3	2500	1	2	60	52	46	5	0.2	5.0		
	Roche Point ... 22	1013.0	+12	WN	3	b	53	85	8	-	-	0	1015.5	+2	NW	2	b	47	97	8	2	-	-	1	1	2500	1	2	62	46	41	Tr	1	*		

[illegible]

‡ Maximum and Minimum Temperatures are for the 24 hours ending 8 h. † Sea disturbance reported from Dungeness.

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

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



SECRET

Page 1.

AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

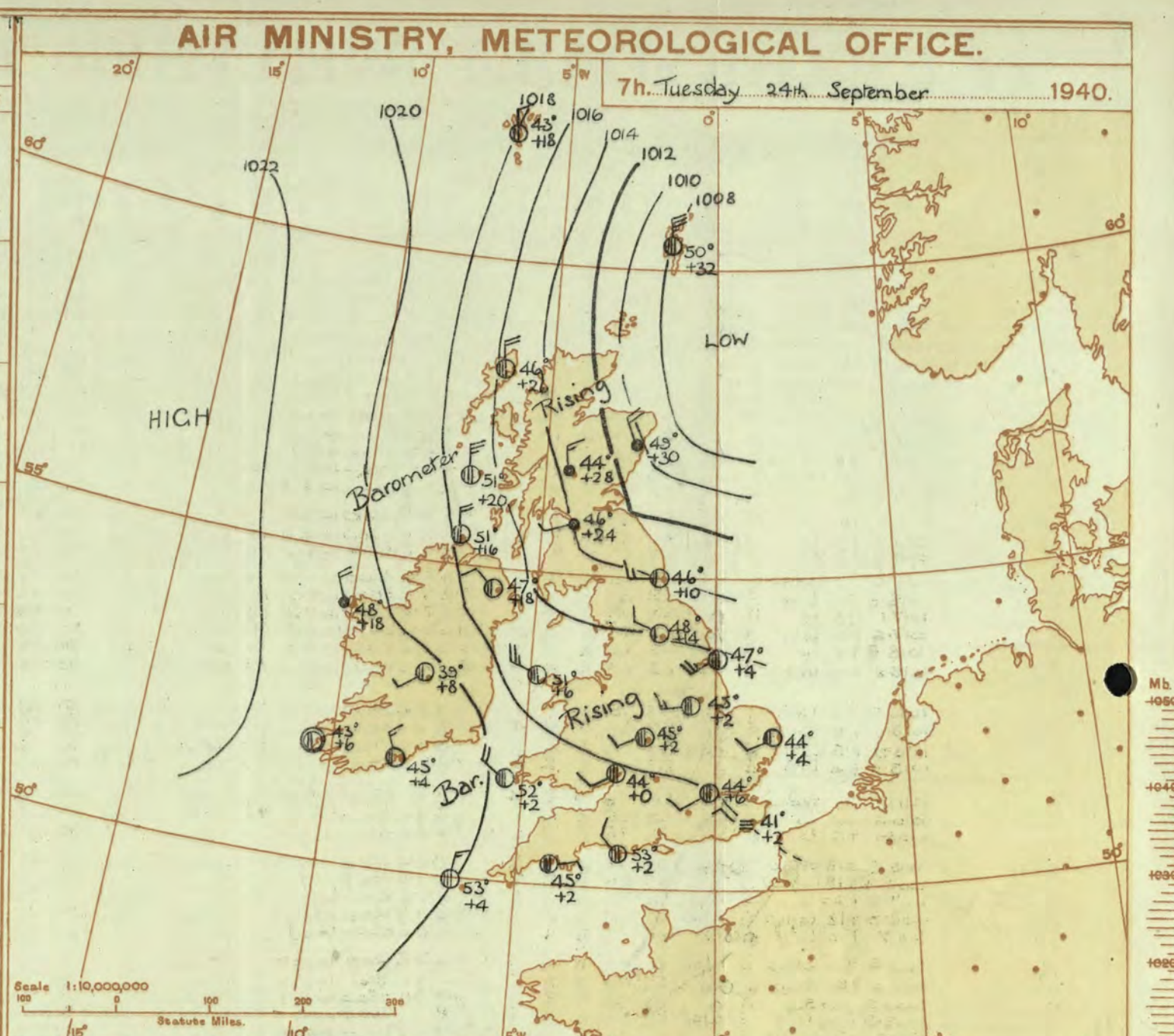
BRITISH SECTION  
Tuesday 24th September 1940.  
No. 28,726.

OBSERVATIONS at 13h. G.M.T. 23rd September														OBSERVATIONS at 18h. G.M.T. 23rd September														PAST 24 HOURS.											
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. mb.	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.			Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib.	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.													
				Dir.	Force. 0-12					Low.	Med.	High.			Low	Total					Height of Base (feet)	Form.	Amount.			Height of Base (feet)	Low	Med.	High.	Low	Total	Height of Base (feet)	Form.	Amount.	Height of Base (feet)	7h.—13h. 23rd	13h.—18h. 23rd	18h.—23rd 1h. 24th	1h.—7h. 24th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)						
1	London (Kew)...	1016.0	+2	SW	3	c	62	45	8	2	-	-	7.8	7.8	2500	1016.4	+6	WNW	2	b	50	55	5	-	-	1	1	2500	1	*	bccy	bccy	bccy	bccy					
	Croydon ...	1015.7	0	W	1	bc	65	65	8	7	-	-	4.6	4.6	3000	1015.6	0	-	0	bc	50	65	6	7	-	-	4.6	4.6	3000	1	*	bccz	bc	bccz	bccz				
	S. Farnborough	1016.3	0	WSW	4	bc	63	45	8	2	-	-	2.3	2.3	3500	1016.7	+2	WN	2	b	50	55	8	2	6	-	-	1	1	4000	0	*	bccy	bccy	bccy	bccy			
	Boscombe Down	1016.5	+4	WSW	3	bc/pr	57	75	8	8	-	-	4.6	4.6	4000	1016.1	*	WN	3	bc	*	*	8	2	-	*	2.3	2.3	4000	*	*	bcc	bcc	bcc	bcc				
	Calshot (Soton.)	1016.3	0	WSW	4	c	64	65	8	8	4	8	4	4.6	4.6	3000	1016.7	+4	W	2	bccpr	57	75	8	3	-	-	4.6	4.6	3000	0	1	bccpr	bccpr	bccpr	bccpr			
	Lympne	1016.6	+2	WSW	1	c	61	55	8	1	7	6	2	2.3	2.3	3000	1016.7	+2	WSW	1	bc	55	65	8	8	7	-	-	1	1	3000	1	*	bccy	bccy	bccy	bccy		
	Manston	1016.6	0	WS	4	c	63	55	8	2	-	-	-	2.3	2.3	3000	1017.1	+4	W	2	bc	56	75	8	2	4	8	1	2.3	2000	0	*	bcc	bc	bcc	bc			
2	Shoeburyness ...	1015.6	0	WSW	3	bc	65	75	8	2	-	-	-	4.6	4.6	4000	1015.9	+4	WSW	2	bc	58	65	8	4	-	-	4.6	4.6	4000	0	*	bcc	bccy	bcc	bcc			
	Felixstowe	1015.2	0	W	3	c	62	55	8	1	7	-	-	7.8	7.8	4000	1015.0	+2	WS	3	bc	61	55	8	4	-	-	2.3	2.3	4500	1	1	bccy	bccy	bccy	bccy			
	Gorleston	1014.6	+2	W	3	bc	60	75	7	1	-	-	-	4.6	4.6	4000	1014.5	+2	W	2	bc	60	65	7	8	3	-	-	2.3	2.3	2500	0	1	bcc	bccy	bccy	bccy		
	Mildenhall	1014.5	0	WSW	4	c	63	45	8	2	-	-	-	7.8	7.8	2500	1014.9	+6	WS	3	bc	57	65	8	7	-	-	2.3	2.3	3500	0	*	bccy	bccy	bccy	bccy			
	Cranwell	1013.2	0	W	4	c	64	65	8	8	-	-	-	7.8	7.8	2500	1014.3	+6	W	4	b	55	65	7	5	-	-	1	1	3500	0	*	bcc	bccy	bccy	bccy			
3	Birmingham	1014.7	+4	W	3	bc	67	65	8	8	-	-	-	4.6	4.6	2500	1015.5	+4	W	2	bc	55	65	8	8	-	-	4.6	4.6	2500	1	*	bccpr	bccpr	bccpr	bccpr			
	Upper Heyford	1015.0	+2	W	4	bc	61	55	8	2	-	-	-	4.6	4.6	2200	1015.6	+4	WS	2	bc	55	75	8	4	6	-	-	1	2.3	3500	1	*	bcc	bccpr	bccpr	bccpr		
4	Ross-on-Wye	1015.5	+6	WSW	3	c	57	65	8	8	-	-	-	7.8	7.8	4000	1016.0	+6	WSW	2	bc	55	75	8	4	-	-	2.3	2.3	2500	0	*	bcc	bccy	bccy	bccy			
5	Hartland Point	1016.8	+4	WNW	4	c	59	75	8	8	-	-	-	7.8	7.8	2000	1017.6	+4	WNW	3	bc	57	75	8	8	4	-	-	4.6	4.6	2500	0	2	bccpr	bccpr	bccpr	bccpr		
	Bristol ...	1016.6	+2	WS	3	c	62	55	8	2	6	-	-	7.8	7.8	2800	1016.9	+2	WS	3	b	55	75	7	8	-	-	1	1	4000	1	*	bccy	bccy	bccy	bccy			
	Portland Bill	1017.1	+6	W	3	c	60	85	8	2	-	-	-	7.8	7.8	4000	1017.4	+4	W	3	bc	50	85	8	5	-	-	4.6	4.6	4000	1	2	bcc	bcc	bcc	bcc			
	Plymouth	1017.6	+2	WN	3	bc	64	55	8	2	6	-	-	4.6	4.6	2000	1018.4	+6	W	4	bc	50	65	8	2	6	-	-	4.6	4.6	2500	0	2	bccy	bccy	bccy	bccy		
	The Lizard	1018.3	+2	W	3	bc	63	75	8	2	-	-	-	2.3	2.3	2500	1018.8	0	W	3	bc	50	75	8	2	-	-	8	2.3	2.3	2500	0	2	bcc	bcc	bcc	bcc		
	Seilly (St. Mary's)	1019.2	+12	WN	2	bc	64	65	8	8	-	-	-	2.3	2.3	1800	1019.3	+2	WNW	3	b	50	75	8	8	-	-	1	1	2500	0	2	bccw	bccw	bccw	bccw			
	Guernsey	1016.7	+4	W	4	bc	58	75	8	2	4	-	-	2.3	2.3	2500	1017.3	+2	W	5	bccy	57	65	8	2	4	-	-	2.3	2.3	2500	1	2	bcc	bccy	bccy	bccy		
6	Pembroke	1013.8	+8	W	5	bc	50	65	8	8	4	-	-	4.6	4.6	2500	1015.0	+4	WN	5	bc	56	65	9	2	4	4	1	2.3	2800	1	3	bcc	bcc	bcc	bcc			
7	Holyhead	1013.0	+6	WN	4	PR	57	75	8	8	-	-	-	7.8	7.8	1700	1015.0	+2	WSW	2	bccy	54	75	8	6	4	4	4.6	4.6	4000	1	*	bccpr	bccpr	bccpr	bccpr			
	Chester (Sealand)	1013.0	+4	WS	4	c	57	65	8	2	6	-	-	7.8	7.8	2500	1014.3	+2	WSW	3	bccpr	50	75	8	4	4	4	1	2.3	2800	1	*	bccpr	bccpr	bccpr	bccpr			
8	Manchester	1013.0	+4	WS	4	PR	57	65	8	2	6	-	-	7.8	7.8	2500	1014.3	+2	WSW	3	bccpr	50	75	8	4	4	4	1	2.3	2800	1	*	bccpr	bccpr	bccpr	bccpr			
10	Spurn Head	1011.5	0	WSW	5	c	62	55	7	8	4	-	-	7.8	7.8	2500	1012.4	+2	WSW	5	bc	55	65	4	-	-	8	0	4.6	-	0	3	bcc	bcc	bcc	bcc			
	Catterick	1010.6	+6	W	3	bc	58	55	8	2	-	-	-	4.6	4.6	2500	1011.8	+2	WS	2	b	52	65	8	4	-	-	1	1	3500	0	1	bccpr	bccpr	bccpr	bccpr			
	Tynemouth	1008.1	+6	W	6	bc	59	75	7	2	-	-	-	4.6	4.6	3400	1009.9	+4	WSW	5	bc	53	65	6	2	-	-	2.3	2.3	3200	1	1	bcc	bcc	bcc	bcc			
11	St. Abbs Head	1005.3	+18	WNW	7	bc	55	65	9	2	5	-	-	2.3	2.3	2500	1006.3	+12	WNW	6	bccy	51	65	9	4	4	4	2.3	2.3	2500	0	3	bccy	bccy	bccy	bccy			
	Leuchars	1004.3	+18	WSW	5	c	57	55	8	8	7	1	4	4.6	4.6	2500	1005.3	+16	W	6	c/pr	52	75	8	6	-	-	7.8	7.8	1800	1	*	bccy	bccy	bccy	bccy			
12	Reufrew (Abbots L.)	1007.8	+20	W	6	c/pr	55	75	8	8	4	3	4	4.6	4.6	2000	1008.0	+6	W	6	c/pr	51	75	8	3	6	-	-	7.8	7.8	2200	1	*	bccpr	bccpr	bccpr	bccpr		
	Eskdalemuir	1008.0	+12	WNW	5	c/pr	52	75	8	5	-	-	-	7.8	7.8	1500	1010.4	+16	WNW	4	bc	48	65	8	5	4	-	-	4.6	4.6	1500	1	*	bccpr	bccpr	bccpr	bccpr		
	Point of Ayre	1011.7	+10	WN	6	bc	58	75	8	4	-	-	-	4.6	4.6	2500	1012.9	+2	WNW	5	bc	54	75	8	8	-	-	4	2.3	4.6	2500	0	3	bcc	bcc	bcc	bcc		
13A	Tiree	1006.5	+10	WNW	6	c/pr	51	92	8	8	-	-	-	7.8	7.8	1200	1008.6	+6	WNW	4	c	51	92	7	8	-	-	7.8	7.8	1200	-	4	bccpr	bccpr	bccpr	bccpr			
13B	Stornoway	1003.0	+20	NNW	4	c	53	75	8	9	-	-	-	9	9	900	1007.4	+18	W	4	c	50	75	8	7	-	-	4.6	4.6	1200	-	4	bccpr	bccpr	bccpr	bccpr			
15	Dalwhinnie	1005.2	+10	SW	4	c	49	85	7	8	5	-	-	7.8	7.8	1500	1008.1	+20	SSW	4	c	46	85	7	4	3	-	-	7.8	7.8	800	1	*	bccpr	bccpr	bccpr	bccpr		
	Aberdeen	1002.5	+14	WS	2	c/pr	53	75	8	8	9	-	-	7.8	7.8	2500	1003.9	+18	WNW	4	bccpr	50	85	8	8	-	-	3	4.6	4.6	2500	1	1	bccpr	bccpr	bccpr	bccpr		
	Wick	999.9	+8	WNW	3	c	54	75	8	8	1	-	-	7.8	7.8	1500	1001.4	+10	W	5	pr	49	92	8	9	7	8	7.8	7.8	800	1	2	bccpr	bccpr	bccpr	bccpr			
16	Lerwick	995.3	-2	WS	2	c	51	92	8	8	7	-	-	7.8	7.8	800	996.7	+																					



Abridged observations of additional stations in the AVIATION WEATHER CODE											
19h. G.M.T. 23rd Sept. 18h. G.M.T.				01h. G.M.T. 24th Sept. 07h. G.M.T.							
III	C <sub>M</sub>	wwVhN	DDFWN	C <sub>M</sub>	wwVhN	DDFWN	C <sub>M</sub>	wwVhN	DDFWN	C <sub>M</sub>	wwVhN
109	8	02855	26525	62	61637	52568					
115	87	81844	24486	87	81734	61687				87	81744 63686
203											
206	8	81857	22267	86	81855	24486	8	81748	00088	5	02857 24387
210				86	25845	28587				87	02845 61627
220	92	82736	28588	92	81745	28388				52	03845 29328
230	3	81847	55587	87	25846	20388	5	25855	26485		
245				86	02854	24515				52	61945 28468
260	33	81854	55485	43	01763	56514				02	62650 22268
277	86	25854	24685	26	68413	24486	5	52647	24557	84	01953 27384
279	--	05655	24415	--	01754	24414				--	01853 24313
285	20	01844	24684	20	25843	23683				23	01744 26485
288				40	01864	24114	07	02850	22316	84	00862 20213
273	34	10653	26405							34	10652 26184
301	26	01853	25485	26	01952	25413	83	02753	26445	83	25756 26387
321				40	05663	26483	07	05650	22214	07	05650 22226
290	80	05654	22414	50	01753	22313	00	05590	22315	50	05565 22315
292	36	25853	24483	80	01954	24314	00	02850	22216	5	02874 22225
310	--	01635	24515	--	02636	24526				--	02638 24428
316	8	01854	24314	46	05662	24183	00	02650	24226	07	02850 24227
333	24	02065	26515	26	01863	28214	10	02852	26317	24	01954 28324
334	--	02646	22467	--	02744	28227				--	01774 22315
340	30	10954	21414	8	10965	19315	00	02850	22116	83	02751 00016
136	8	02866	22416	86	01764	20285	03	05530	20216		
336	--	22853	20566	--	25853	24415				--	02742 04415
350	10	01865	20315	80	01963	20283	03	01750	20215	07	05650 16227
368	26	01954	24514	20	01953	24313	5	02755	26115	87	02853 28126
379	20	01855	20315	40	01853	22213	07	05650	24214	03	02750 22116
390	24	01854	26414				00	08430	24210	03	41430 22144
382	20	01864	23314	80	00862	22213	00	04650	00000	57	41573 24**
438	56	01853	24314							80	01745 30215
430	28	01864	24314	86	01763	25313				27	05651 28117
409	86	01954	25214	80	01954	26384	84	00825	00012	54	02954 32227

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C<sub>M</sub> = 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. Tuesday 24th September
1 S.E. England	Light westerly to variable winds; fair; a little local morning fog; average day temperature, cool at night.
2 E. England ...	
3 E. Midlands ...	Light west wind veering northwest to north moderate to fresh; fair at first, variable cloud with local showers near the coast later; rather cool.
4 W. Midlands ...	
5 S.W. England	As 1
6 South Wales ...	
7 North Wales ...	Wind northwest veering north fresh locally moderating; variable sky, some showers, perhaps local thunder today; fine tomorrow; rather cool.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind veering northwest to north, fresh to strong at first on the coast, moderating, cloudy, occasional rain or frequent showers; cool.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 7-9
13 { A.W. Scotld. B.N.W. Scot- land.	Fresh to strong northerly winds, moderating slowly; showery, brighter intervals; more localised showers tomorrow; cool.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7-9
18 N. E. Ireland	
19 S. E. Ireland	As 1
20 S. W. Ireland	

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

#### GENERAL INFERENCE.

A depression centred between Shetland and South Norway is moving east-southeast, and an anticyclone south of Iceland is moving east.

Weather will continue fair to fine over the southwestern half of the British Isles. Showery conditions will prevail in Scotland and Northern England especially on the eastern side and these conditions are likely to spread to eastern coastal districts of England.

#### FURTHER OUTLOOK.

Mainly fair in the northern half of the British Isles. Unsettled conditions in the South spreading from Southwest.

Forecasts issued at 10.30 G.M.T.

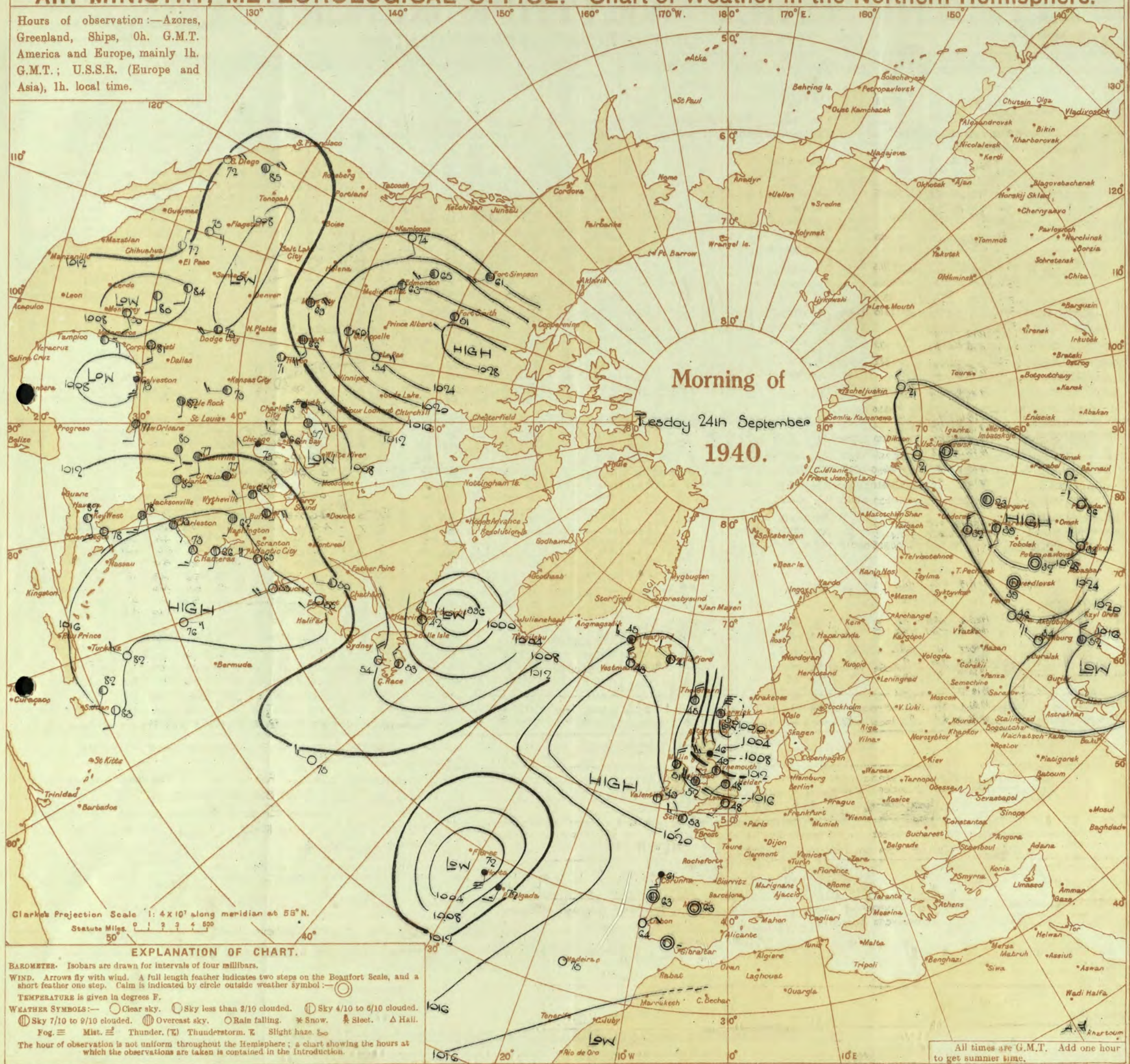
N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Tuesday 24th September, 1940.  
No. 28,796

OBSERVATIONS at 1 hr. G.M.T. 24th September.														OBSERVATIONS at 7 hr. G.M.T. 24th September.														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.			Sunshine Hrs.		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-13h °F.	Min. Night 13h-7h °F.			Min. on Grass °F.	Day 7h-13h mm.	Night 13h-7h mm.						
																																Low.	Med.	High.		Low.	Total.
1	London (Kew) ...	18	1017.8	+6	SW	1	b	48	82	7	-	-	-	1018.8	+8	SW	1	1/3	48	82	5	5	-	-	24	2500	1	1	63	42	27	-	Tr	5.8			
	Croydon ...	217	1017.8	+6	SW	1	b	48	82	7	-	-	-	1018.2	+6	SW	2	2	44	87	6	5	4	2	2-3	2500	1	1	66	40	39	-	-	-	10.7		
	S. Farnborough ...	226	1018.4	+14	W'S	1	b	46	82	8	-	-	-	1019.0	+10	-	0	0	30	87	6	5	3	4	7-8	2000	0	1	65	35	30	-	Tr	10.8			
	Boscombe Down ...	417	1018.4	+2	-	0	b	45	87	7	-	3	-	1019.0	+6	-	0	0	46	87	8	5	7	2	4-6	2000	1	1	64	44	33	-	Tr	8.7			
	Calshot (Stmntn.) ...	8	1018.1	+2	NW	1	b	48	82	7	-	-	-	1018.3	+2	W	1	1	46	87	6	8	7	6	Tr	24	1600	1	0	62	44	41	-	Tr	7.6		
	Lymington ...	346	1018.3	+4	W	1	b	45	82	7	-	-	-	1018.4	+2	NW	1	1	41	87	8	5	-	-	0	1600	1	1	66	39	30	-	-	-	7.1		
	Manston ...	154	1018.6	+2	WSW	1	z	48	86	6	-	-	-	1019.3	+0	WSW	2	2	46	85	6	-	-	-	0	4-6	-	1	66	45	32	-	-	-	10.3		
2	Shoeburyness ...	11	1016.6	+4	WNW	1	z	51	85	6	-	-	-	1017.7	+8	WNW	2	2	47	85	6	-	7	6	0	3	-	1	1	67	45	39	-	-	-	10.1	
	Felixstowe ...	15	1016.6	+4	WNW	1	z	51	85	6	-	-	-	1017.1	+4	WSW	2	2	46	85	6	-	-	1	0	4-6	-	0	1	63	43	38	-	-	-	9.0	
	Gorleston ...	5	1016.6	+4	SW	2	z	45	82	6	-	-	4	0	1017.2	+6	SW	2	z	43	82	6	-	7	6	0	7-8	-	1	66	41	33	-	-	-	9.4	
	Mildenhall ...	19	1016.6	0	W	3	z	45	82	6	-	3	8	0	1016.4	+2	W	3	z	45	85	6	-	7	7	0	10	-	0	64	43	39	Tr	-	-	8.3	
	Cranwell ...	240	1016.0	0	W	3	z	45	82	6	-	3	8	0	1016.4	+2	W	3	z	45	85	6	-	7	7	0	10	-	0	64	43	39	Tr	-	-	8.3	
3	Birmingham ...	535	1017.6	+6	W	1	bc	42	87	7	5	-	-	2-3	1018.2	+2	WSW	2	c	45	85	8	-	7	6	0	3	-	1	1	61	43	39	0.3	0.1	8.6	
	Upper Heyford ...	408	1017.6	+6	W	1	bc	42	87	7	5	-	-	2-3	1018.2	+2	SW	1	bc	40	87	8	-	4	0	7-8	-	1	1	65	39	27	-	Tr	9.5		
4	Ross-on-Wye ...	223	1017.6	+6	W	1	bc	42	87	7	5	-	-	2-3	1018.2	+2	SW	2	c	44	82	8	-	-	2	0	7-8	-	0	1	62	41	34	-	-	-	9.5
5	Hartland Point ...	299	1018.1	0	N	3	c	53	75	8	4	-	-	4-6	1018.3	+2	WNW	3	c	53	65	8	4	3	4-6	2500	0	2	60	52	47	0.2	0.1	8.6			
	Bristol ...	209	1018.1	0	W	1	bc	48	86	7	5	3	-	1	1019.0	+8	-	0	45	82	6	-	7	6	0	7-8	-	1	1	62	43	33	0.1	-	11.0		
	Portland Bill ...	32	1018.3	0	ENE	1	bc	48	87	7	1	-	-	4-6	1019.4	+2	NW	2	c	53	86	8	5	7	-	7-8	10	4000	0	2	61	52	-	-	-	7.1	
	Plymouth ...	82	1019.3	0	ENE	1	bc	48	87	7	1	-	-	4-6	1019.4	+2	E	1	c	45	87	8	5	4	6	2-3	7-8	3000	0	1	64	44	42	-	-	-	10.1
	The Lizard ...	240	1019.3	0	ENE	1	bc	48	87	7	1	-	-	4-6	1019.4	+2	NNW	3	c	51	75	8	2	-	3	10	1500	0	2	63	50	-	-	-	9.0		
	Scilly (St. Mary's) ...	163	1020.1	+2	NW	3	bc	53	75	8	2	-	-	2-3	1020.0	+4	N/E	3	c	53	75	8	3	2	-	4-6	10	1500	0	2	64	52	-	-	-	9.0	
	Guernsey ...	175	1020.1	+2	NW	3	bc	53	75	8	2	-	-	2-3	1020.0	+4	NW	3	c	53	75	8	3	2	-	4-6	10	1500	0	2	64	52	-	-	-	9.0	
6	Pembroke ...	142	1018.6	+4	NW	3	bc	53	63	8	1	-	-	2-3	1019.3	+2	NW	4	c	52	75	8	2	7	1	4-6	7-8	2000	1	2	59	51	-	-	-	8.9	
7	Holyhead ...	26	1016.2	+4	WNW	5	c	52	75	8	2	3	8	Tr	1016.3	+6	WNW	5	c	51	85	8	4	3	7-8	1800	1	3	60	50	49	-	-	-	9.5		
	Chester (Sealand) ...	16	1015.7	+2	W'S	3	c	50	75	7	2	4	8	2-3	1016.3	+4	WSW	3	c	49	75	8	4	3	2	7-8	3000	1	3	57	48	41	2	-	-	6.2	
8	Manchester ...	70	1015.4	+2	SW	3	pr	47	82	5	8	3	-	9	1015.9	+6	WS	2	pr	47	82	5	8	7	-	7-8	10	1200	1	3	60	46	39	1	1	5.9	
10	Spurn Head ...	29	1014.1	0	SW	4	c	48	85	7	-	-	4	0	1014.4	+4	SW	5	c	47	85	6	-	9	6	0	9+	-	0	3	62	46	-	-	-	8.7	
	Catterick ...	175	1013.1	-2	SSW	1	bc	47	83	8	5	-	6	Tr	1014.1	+4	WNW	2	bc	48	75	8	5	-	1	Tr	1	3500	0	3	59	46	34	Tr	-	9.0	
	Tynemouth ...	108	1013.1	-2	SSW	1	bc	47	83	8	5	-	6	Tr	1014.1	+4	WNW	2	bc	48	75	8	5	-	1	Tr	1	3500	0	3	59	46	34	Tr	-	9.0	
11	St. Abbs Head ...	280	1018.9	+10	NW	3	b	48	75	8	7	-	-	1	1012.6	+26	WNW	3	c	48	75	8	5	7	-	4-6	2500	1	3	56	47	-	-	Tr	9.1		
	Leuchars ...	36	1018.9	+10	NW	3	b	48	75	8	7	-	-	1	1012.6	+26	WNW	3	c	48	75	8	5	7	-	4-6	2500	1	3	56	47	-	-	Tr	9.1		
12	Rentrev (Abbots I.) ...	19	1011.6	+14	SW	2	b	47	85	8	5	-	-	Tr	1014.9	+24	W'S	1	bc	46	82	8	-	7	-	0	10	-	1	1	56	43	36	1	0.1	6.3	
	Esdailemuir ...	794	1011.6	+14	SW	2	b	47	85	8	5	-	-	Tr	1014.9	+24	W'S	1	bc	46	82	8	-	7	-	0	10	-	1	1	56	43	36	1	0.1	6.3	
	Point of Ayre ...	30	1011.6	+14	SW	2	b	47	85	8	5	-	-	Tr	1014.9	+24	W'S	1	bc	46	82	8	-	7	-	0	10	-	1	1	56	43	36	1	0.1	6.3	
13A	Tiree ...	22	1011.8	+12	NNW	5	pr	47	85	7	5	7	-	7-8	1017.4	+26	N	4	c	46	85	8	5	4	-	7-8	10	800	1	2	54	46	-	-	0.4	3.3	
13B	Stornoway ...	80	1011.8	+12	NNW	5	pr	47	85	7	5	7	-	7-8	1017.4	+26	N	4	c	46	85	8	5	4	-	7-8	10	800	1	2	54	46	-	-	0.4	3.3	
15	Dalwhinnie ...	1176	1011.8	+12	NNW	5	pr	47	85	7	5	7	-	7-8	1017.4	+26	N	4	c	46	85	7	6	1	-	7-8	10	800	1	1	52	41	35	5	1	5.6	
	Aberdeen ...	79	1011.8	+12	NNW	5	pr	47	85	7	5	7	-	7-8	1017.4	+26	N	4	c	46	85	7	6	1	-	7-8	10	800	1	1	52	41	35	5	1	5.6	
	Wick ...	81	1011.8	+12	NNW	5																															



AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Wednesday 25th September 1940.  
No. 28707.

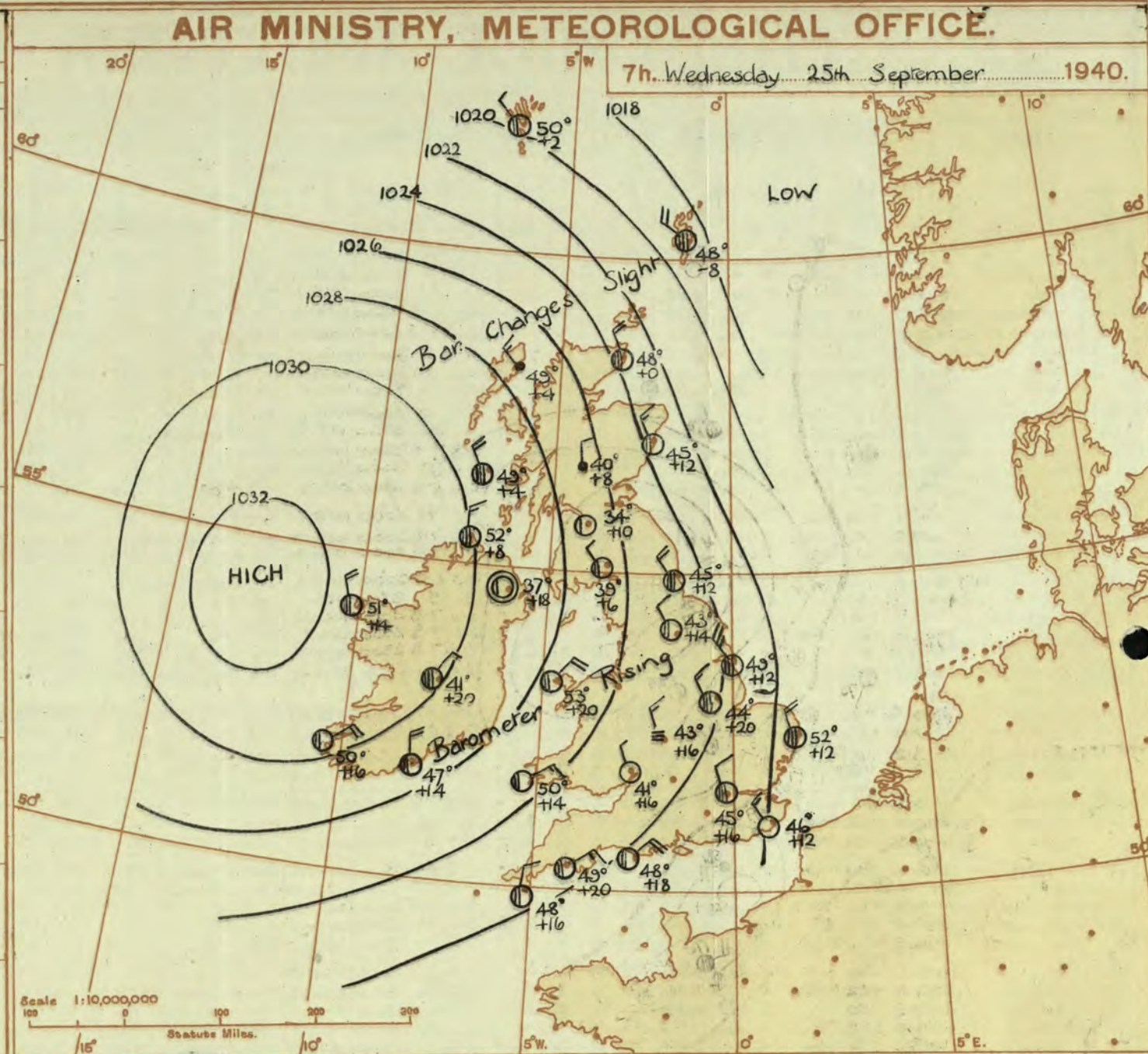
OBSERVATIONS at 13h. G.M.T. 24th September														OBSERVATIONS at 18h. G.M.T. 24th September														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																				
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Temp. °F.	° Humid.	Visibility. 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Temp. °F.	° Humid.	Visibility. 0-9	Cloud.						Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Temp. °F.	° Humid.	Visibility. 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																													
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Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 24th Sept. 18h. G.M.T.				01h. G.M.T. 25th Sept. 07h. G.M.T.							
III, C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>h</sub> C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>h</sub> C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>h</sub> C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN
109							5-	02756	26526	83	25744 27585
115	52	81844	32485	52	82854	32485	52	81744	32487	87	81734 24687
203											
206	8-	01964	26314	8-	02066	26326	53	02955	26225	83	02855 25227
210	8-	25847	30487	8-	02846	30526	5-	02856	30326	8-	02957 25411
220	33	01854	28315	83	25854	28485				52	02834 26126
230	76	01964	25514				50	00861	28211	80	10847 29317
245	24	01954	65534							83	01964 24315
260	87	02965	30327	40	01965	30215	5-	02866	28216	50	00772 00002
277	87	02954	30487	5-	02856	30326	50	00861	32311	80	00941 26101
279	--	22768	28368								
285	8-	01747	30527	8-	31746	30456				20	01844 28314
288	52	05656	31318	54	05565	30385	83	05655	30485	5-	05666 28326
273	37	10653	31386							37	10762 29103
301	23	01853	30314	53	05656	02526	50	05561	04111	13	05761 02101
321	80	17765	27315	52	62665	27288	57	05663	28314	57	02765 28325
299	52	02745	28317	87	01744	30565	8-	01744	32614	80	01744 32614
292	52	61758	30318	52	02755	30367	5-	02765	28215	50	01863 28313
310	--	02636	24316							--	01643 32313
316	8-	02754	22324	82	05655	32224	00	05630	30210	50	05564 30314
333	20	02055	28325	8-	02855	02285	5-	22757	00067	84	00963 00003
334	--	02855	26327	--	25865	28285				--	08443 00013
340	88	02045	28384	80	01854	30314	53	05663	32313	50	00861 80201
136	8-	05665	25315	83	01763	30314	80	25755		5-	26446 30486
336	--	02853	24516	--	81753	28416				--	01741 32414
350	26	01864	24325				00	00690	26200	03	05630 32302
368	26	01954	24215	26	01953	30213	00	01690	32112	84	05653 32113
379	20	02755	26315	40	01764	26214	03	05690	06316	00	05630 32400
390							04	05590	28213	04	05630 28103
382	80	02865	26315	76	01863	31214	03	05690	31112	50	01753 04313
438	51	02754	24318								
430	26	02761	28116							00	05630 32501
409	87	01954	31315	14	31314	26552	5-	02845	02185	54	00851 04382

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C<sub>h</sub>, C<sub>m</sub> = Form of low and medium cloud—See page 1.  
 V = Visibility—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. 25th September 1940
1 S.E. England	Light or moderate northerly wind, fresh locally on East Coast; fair apart from scattered showers near East Coast; rather cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Light or moderate northerly wind; fair; rather cool.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Light or moderate north wind, backing northwest; mainly fair; an increase of cloud and scattered showers later; rather cool.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Moderate or light northwest wind, fresh locally; mainly fair; rather cool.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	Moderate or light northwest wind; fresh locally; mainly cloudy, local showers, brighter intervals; rather cool.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	As 3-6.
20 S. W. Ireland	



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

**GENERAL INFERENCE.**  
 An anticyclone centred on the Atlantic westward of Ireland continues to increase in intensity. Pressure is relatively low over central and western Europe. Weather will be mainly fair but there will be scattered showers near the East English Coast and in North Scotland and later in northwest districts especially near the coasts.

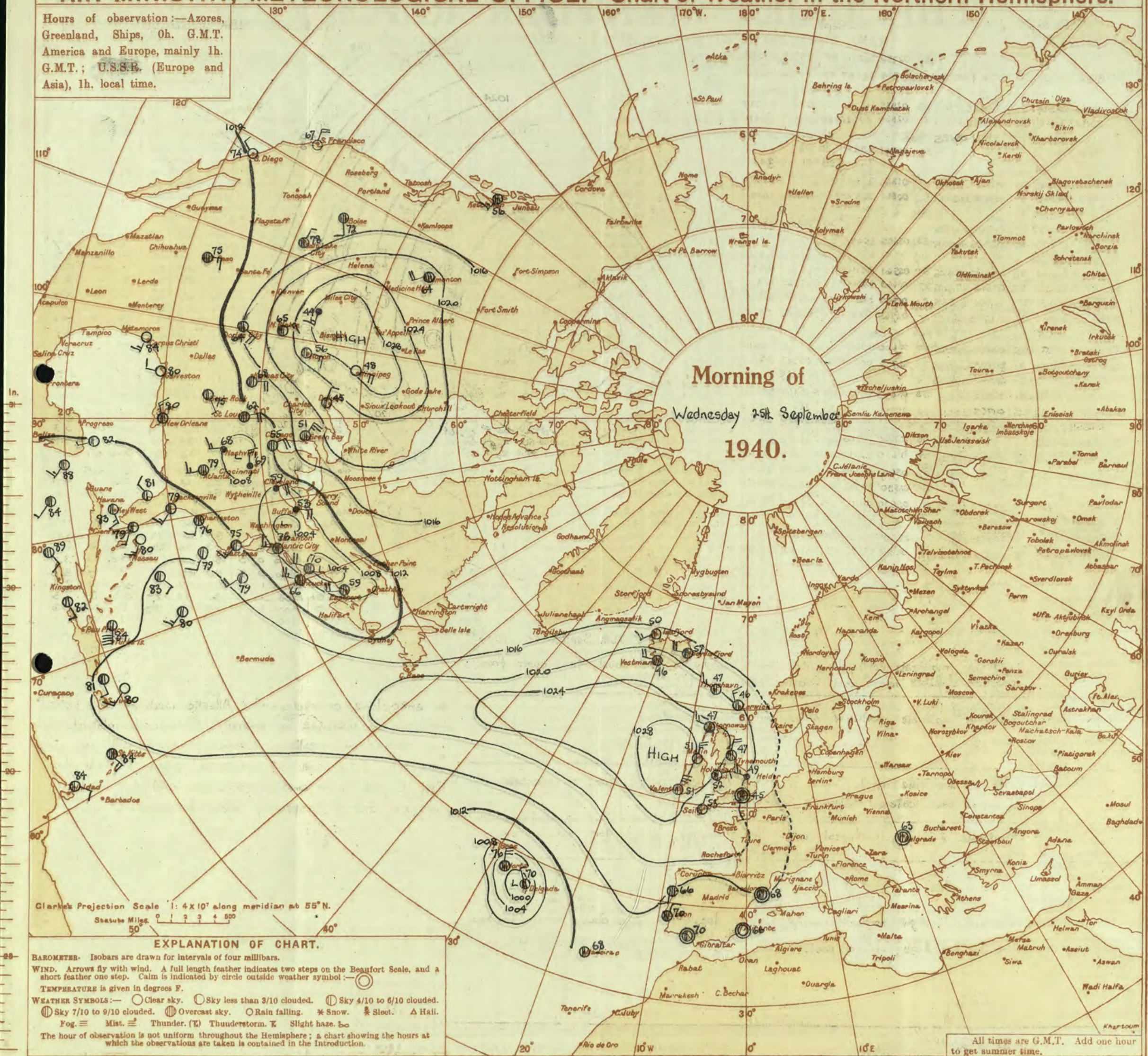
**FURTHER OUTLOOK.**  
 Little change.

Forecasts issued at 10.30h.  
 N. K. JOHNSON, D.Sc., A.R.C.S.,  
 Director.  
 H.M.S.O. Press, Cornwall House, S.E. 1.



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Wednesday 25th September 1940.  
No. 25,707.

OBSERVATIONS at 1 hr. G.M.T. 25th September.														OBSERVATIONS at 7 hr. G.M.T. 25th September.														PAST 24 HOURS.									
DISTANCE.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	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 0-10.		Total 0-10.
1	London (Kew) ... 18	217	1020.3	+10	N	1	bc	45	97	5	1	7-8	4000	1023.8	+20	N	2	bc	46	95	6	5	1	1	1500	1	1	50	45	32	-	-	3.2				
	Croydon ... 217	1021.0	+12	N	1	bc	45	97	5	5	1	7-8	4000	1023.0	+10	NNW	2	bc	46	92	5	5	1	1	1200	1	1	61	41	38	-	-	3.1				
	S. Farnborough ... 226	1021.0	+12	N	1	bc	45	97	5	5	1	7-8	4000	1024.2	+10	NW	1	bc	39	97	6	1	1	0	Tr	0	1	62	36	28	Tr	-	3.0				
	Boscombe Down ... 417	1021.8	+14	N	2	bc	42	92	6	3	1	0	1	1024.6	+18	NW	2	bc	40	97	5	1	1	0	0	0	1	59	35	35	-	Tr	3.1				
	Calshot (Stmnt.) ... 8	1020.5	+10	N'E	3	bc	48	95	6	2	1	0	Tr	1023.3	+12	N	3	bc	46	95	6	5	1	0	0	0	1	59	45	42	-	-	3.6				
	Lympe ... 346	1020.1	+10	NW	3	bc	44	92	6	5	1	Tr	Tr	1022.0	+12	NW	3	bc	46	97	6	5	1	0	0	0	1	58	40	31	-	-	4.0				
	Manston ... 154	1020.0	+4	NNW	2	bc	51	92	6	5	1	1	1	1022.2	+12	N	4	bc	51	85	7	8	1	1	1500	1	1	60	43	33	-	-	1.9				
2	Shoeburyness ... 11	1019.4	+10	NNW	3	bc	49	92	6	5	1	1	1	1021.5	+14	NNW	3	bc	47	92	6	8	1	1	1500	1	1	60	43	33	-	-	3.7				
	Felixstowe ... 15	1019.4	+10	NNW	3	bc	49	92	6	5	1	1	1	1021.5	+14	NNW	3	bc	47	92	6	8	1	1	1500	1	1	60	43	33	-	-	3.7				
	Gorleston ... 5	1018.4	+4	NW	2	bc	50	92	7	8	1	2-3	2-3	1020.7	+12	NNW	4	bc	52	85	7	8	1	1	1500	1	1	62	41	34	-	-	5.9				
	Mildenhall ... 19	1020.3	+6	NW	2	bc	44	97	6	5	1	Tr	Tr	1022.7	+14	NNW	3	bc	46	92	6	5	1	1	1500	1	1	62	41	34	-	-	5.9				
	Cranwell ... 240	1021.9	+12	NNW	3	bc	48	95	6	3	1	0	4-6	1024.9	+20	NNW	3	bc	44	92	7	5	1	1	1500	1	1	59	42	40	Tr	-	5.4				
3	Birmingham ... 535	1021.0	+10	NNE	3	bc	46	92	6	3	1	0	4-6	1025.4	+10	NNW	3	bc	43	85	3	1	1	0	0	0	1	56	42	36	Tr	-	5.7				
	Upper Heyford ... 408	1021.0	+10	NNE	3	bc	46	92	6	3	1	0	4-6	1024.3	+14	NNW	3	bc	42	92	4	1	1	0	0	0	1	62	40	29	-	-	7.1				
4	Ross-on-Wye ... 223	1021.0	+10	NNE	3	bc	46	92	6	3	1	0	4-6	1025.7	+10	NW	1	bc	41	92	6	1	1	0	0	0	1	61	41	31	Tr	-	7.1				
5	Hartland Point ... 299	1021.4	+4	NNE	3	bc	54	73	8	8	1	4-6	4-6	1024.8	+20	NE	3	bc	50	85	7	5	1	1	1500	1	1	55	50	47	-	-	9.1				
	Bristol ... 209	1022.3	+14	NNW	2	bc	43	92	5	3	1	0	7-8	1025.3	+18	N	2	bc	43	92	5	1	1	0	0	0	1	60	43	32	Tr	-	8.1				
	Portland Bill ... 32	1020.1	+10	N	2	bc	52	85	8	1	1	0	0	1023.3	+18	NE	4	bc	48	85	8	5	1	1	1500	1	1	59	47	35	-	-	5.9				
	Plymouth ... 82	1021.3	+4	NNW	2	bc	48	93	8	8	1	Tr	Tr	1024.3	+20	NE	3	bc	49	75	8	1	1	1	1500	1	1	60	47	35	-	-	5.9				
	The Lizard ... 240	1021.7	+6	N'E	3	bc	48	95	8	8	1	4-6	4-6	1023.1	+10	NNE	2	bc	48	85	8	8	1	1	1500	1	1	62	46	35	-	-	5.5				
	Scilly (St. Mary's) ... 163	1022.3	+4	N'E	3	bc	53	85	8	8	1	4-6	4-6	1024.0	+10	NE	3	bc	52	75	8	8	1	1	1500	1	1	58	50	35	-	-	7.5				
	Guernsey ... 175	1022.2	+2	NE	3	bc	50	85	8	8	1	2-3	2-3	1026.1	+14	NE	3	bc	50	85	7	5	1	1	1500	1	1	57	48	35	Tr	Tr	8.7				
6	Pembroke ... 142	1022.2	+2	NE	3	bc	50	85	8	8	1	2-3	2-3	1026.1	+14	NE	3	bc	50	85	7	5	1	1	1500	1	1	57	48	35	Tr	Tr	3.8				
	Holyhead ... 26	1023.3	+10	ES	2	bc	52	85	8	8	1	0	0	1026.9	+20	NE	4	bc	53	75	8	8	1	1	1500	1	1	58	50	44	0.3	0.1	5.0				
	Chester (Sealand) ... 16	1024.7	+26	0	0	0	47	92	4	5	1	1	1	1026.9	+18	NNW	1	bc	40	92	5	1	1	0	0	0	1	58	38	31	2	-	5.0				
8	Manchester ... 70	1023.4	+14	NNW	1	bc	41	92	4	5	1	1	1	1026.7	+22	SW	1	bc	37	97	5	5	1	1	1500	1	1	58	36	28	0.3	0.1	4.7				
10	Spurn Head ... 29	1019.8	+8	NNW	5	bc	49	85	6	8	1	0	0	1023.2	+12	NNW	5	bc	49	85	7	2	1	1	1500	1	1	55	47	35	0.4	0.5	4.0				
	Catterick ... 175	1023.2	+14	NNW	3	bc	49	85	7	5	1	2-3	2-3	1026.0	+14	NW	2	bc	43	85	8	5	1	1	1500	1	1	56	42	36	0.5	-	3.9				
	Tynemouth ... 108	1022.3	+14	N	5	bc	47	85	7	2	1	7-8	7-8	1024.3	+12	NW	4	bc	45	75	7	8	1	1	1500	1	1	54	44	40	1	0.4	3.9				
11	St. Abbs Head ... 280	1022.3	+8	N	5	bc	49	85	8	5	1	4-6	4-6	1025.2	+14	NNW	5	bc	47	75	8	5	1	1	1500	1	1	53	47	35	1	1	2.5				
	Leuchars ... 36	1024.5	+10	NW	3	bc	47	75	8	5	1	7-8	7-8	1026.3	+10	NNW	3	bc	44	75	8	5	1	1	1500	1	1	53	40	35	Tr	Tr	3.6				
12	Renfrew (Abbots I.) ... 19	1026.4	+10	0	0	0	37	92	8	1	1	0	0	1026.1	+10	0	0	34	92	8	5	1	1	1	1500	1	1	53	33	28	Tr	-	2.7				
	Eskdalemuir ... 794	1024.4	+10	NE	4	bc	51	85	8	4	1	Tr	Tr	1027.2	+10	NNW	1	bc	39	75	8	5	1	1	1500	1	1	53	36	28	-	-	3.7				
	Point of Ayre ... 30	1024.4	+10	NE	4	bc	51	85	8	4	1	Tr	Tr	1028.3	+18	NNE	4	bc	49	75	8	2	1	1	1500	1	1	56	48	35	0.2	-	3.7				
13a	Tiree ... 22	1026.1	0	W	3	bc	47	85	7	5	1	7-8	10	1027.2	+4	NNW	4	bc	49	82	8	8	1	1	1500	1	1	55	47	35	0.1	0.1	2.2				
13b	Stornoway ... 80	1026.1	0	W	3	bc	47	85	7	5	1	7-8	10	1027.2	+4	NNW	4	bc	49	82	8	8	1	1	1500	1	1	55	47	35	0.1	0.1	2.2				
15	Dalwhinnie ... 1170	1026.1	0	W	3	bc	47	85	7	5	1	7-8	10	1027.2	+4	NNW	4	bc	49	82	8	8	1	1	1500	1	1	55	47	35	0.1	0.1	2.2				
	Aberdeen ... 79	1026.1	0	W	3	bc	47	85	7	5	1	7-8	10	1027.2	+4	NNW	4	bc	49	82	8	8	1	1	1500	1	1	55	47	35	0.1	0.1	2.2				
	Wick ... 81	1026.1	0	W	3	bc	47	85	7	5	1	7-8	10	1027.2	+4	NNW	4	bc	49	82	8	8	1	1	1500	1	1	55	47	35	0.1	0.1	2.2				
16	Lerwick ... 166	1020.5	-2	NNW	3	bc	46	92	8	5	1	7-8	9	1023.3	0	NNW	4	bc	48	85																	



SECRET

Page 1.

AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 26th September, 1940.

No. 25795

OBSERVATIONS at 13h. G.M.T. 25th September														OBSERVATIONS at 18h. G.M.T. 25th September														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-10	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-10	Cloud.					State of Ground.	Sea.	WEATHER.					
				Dirc.	Force.					Form.	Amount.	Height of Base. (feet)	Dirc.	Force.			Form.	Amount.					Height of Base. (feet)	7h.—18h. 25th	18h.—18h. 25th	18h.—25th 26th	1h.—7h. 26th								
1	London (Kew)...	1025.7	+8	Z	3	c	56	55	7	8	-	3	3	1000	1027.1	+12	Z	3	bc	54	55	7	5	-	4	4	2500	1	*	bcw	cybc	bcbcmw	bcmw		
	Croydon ...	1025.0	+6	Z	3	c	55	55	6	8	-	3	3	1000	1026.7	+12	Z	3	bc	51	75	6	-	6	0	2-3	-	1	0	*	am	czbcz	bzcmw	bfbmw	
	S. Farnborough	1026.0	+10	Z	3	c	57	55	8	6	-	7-8	3	5000	1027.2	+12	Z	3	bc	54	65	6	-	3	0	2-3	-	1	0	*	bey	cybcz	bzcmw	bzxfbc	
	Boscombe Down	1026.2	+4	Z	3	c	56	45	8	4	-	7-8	7-8	4500	1017.8	+14	Z	2	b	49	65	6	-	-	1	4	1	4	0	*	bey	cybc	bcbcmw	bzxfbc	
	Calshot (Soton.)	1025.4	+6	Z	3	c	58	55	7	2	-	7-8	7-8	4000	1026.6	+10	Z	3	b	55	65	7	1	4	1	4	1	4	0	*	bey	cybc	bcbcmw	bzxfbc	
	Lympne ...	1024.4	+10	Z	3	c	58	75	8	8	-	0	3	2500	1026.1	+10	Z	3	b	51	75	8	2	6	1	4	1	4	0	*	bey	cybc	bcbcmw	bzxfbc	
	Manston	1025.4	+12	Z	3	c	57	65	7	8	-	4	3	2000	1027.1	+10	Z	4	bc	54	75	8	2	6	-	4	4	2500	1	*	cmg	bcz	bcbcmw	bzxfbc	
2	Shoeburyness ...	1025.1	+10	Z	3	c	57	65	7	8	-	3	3	1000	1026.6	+12	Z	3	bc	51	55	8	4	6	-	4	4	2500	0	*	mbcc	cbey	bcb	bxcmo	
	Felixstowe ...	1024.5	+12	Z	3	c	60	45	7	8	-	2-3	4	3000	1026.8	+12	Z	3	bc	53	55	8	8	6	-	4	4	2500	0	*	bey	cbey	bcb	bxcmo	
	Gorleston	1024.1	+20	Z	3	c	55	75	7	8	-	7-8	7-8	1700	1026.6	+14	Z	3	bc	55	55	7	8	6	-	4	4	2500	0	*	cpbc	cbey	bcb	bxcmo	
	Mildenhall	1025.4	+6	Z	3	c	58	55	8	8	-	3	3	3000	1027.2	+10	Z	3	bc	51	75	8	4	7	-	2-3	2-3	4000	0	*	cbey	cbey	bcb	bxcmo	
	Cranwell	1026.5	+14	Z	3	c	54	65	7	8	-	3	3	2500	1027.7	+6	Z	3	bc	51	65	7	8	6	-	2-3	2-3	2500	0	*	cbcc	cbey	bcb	bxcmo	
3	Birmingham	1027.4	+4	NNW	2	c	55	55	6	8	-	7-8	7-8	2500	1028.6	+6	NNW	3	bc	50	55	6	-	6	-	1	0	2-3	-	0	*	fbcc	cbz	bz	bxcmo
	Upper Heyford	1026.3	+6	Z	3	c	57	55	6	2	-	7-8	7-8	2500	1027.6	+8	NNW	1	c	52	65	6	4	6	-	4	7-8	3500	0	*	bccm	cbz	bz	bxcmo	
4	Ross-on-Wye ...	1027.1	+4	Z	3	c	57	45	8	1	-	4-6	4-6	4000	1028.6	+6	NNW	3	b	52	55	8	-	-	-	0	0	-	0	*	bzbcy	cbz	bz	bxcmo	
5	Hartland Point	1027.9	+12	NNW	3	c	61	65	8	1	-	2-3	2-3	2500	1028.7	+8	Z	3	bc	55	65	9	1	4	-	2-3	2-3	3500	0	*	c	bc	bcb	bxcmo	
	Bristol ...	1027.5	+2	NNW	4	c	55	55	7	8	-	7-8	7-8	3300	1028.4	+6	Z	3	bc	53	55	8	5	1	-	4	4	4000	0	*	bmgbcc	cbey	bcb	bxcmo	
	Portland Bill	1027.2	+6	NNW	4	c	60	45	8	7	-	4-6	4-6	3000	1028.3	+14	Z	3	bc	54	45	8	7	1	-	4	4	4000	0	*	bcc	cbey	bcb	bxcmo	
	Plymouth	1027.1	+10	NNW	3	c	60	65	8	2	-	2-3	2-3	2500	1028.6	+16	Z	3	bc	55	55	8	8	6	-	4	4	2500	0	*	bcc	cbey	bcb	bxcmo	
	The Lizard	1027.1	+10	NNW	3	c	60	65	8	2	-	2-3	2-3	2500	1028.6	+16	Z	3	bc	55	55	8	8	6	-	4	4	2500	0	*	bcc	cbey	bcb	bxcmo	
	Scilly (St. Mary's)	1027.7	+10	NNW	4	c	58	65	8	8	3	3	3	3	1000	1029.3	+8	NNW	4	bc	55	65	7	8	4	-	4	4	1500	0	*	bcc	cbey	bcb	bxcmo
	Guernsey	1027.7	+10	NNW	4	c	58	65	8	8	3	3	3	3	1000	1029.3	+8	NNW	4	bc	55	65	7	8	4	-	4	4	1500	0	*	bcc	cbey	bcb	bxcmo
6	Pembroke ...	1029.4	+4	NNW	5	c	55	65	8	8	7	-	4-6	7-8	3500	1030.2	+8	NNW	4	bc	52	75	9	7	7	-	1	2-3	2500	1	*	cbcc	cbey	bcc	bxcmo
7	Holyhead	1029.8	+10	NNW	4	c	56	65	9	7	3	-	2-3	2-3	4000	1030.2	+2	NNW	5	c	54	85	8	8	-	3	3	3000	1	*	bcb	cbey	bcc	bxcmo	
	Chester (Sealand)	1029.0	+14	NNW	3	c	54	55	8	1	-	4-6	4-6	3500	1029.4	+6	NNW	3	c	51	75	7	8	-	-	7-8	7-8	3500	1	*	bybc	cbey	bcc	bxcmo	
8	Manchester	1027.5	+2	NNW	3	c	55	55	8	7	4	-	4-6	4-6	3500	1029.0	+6	NNW	3	bc	49	55	7	5	-	-	4-6	4-6	2500	0	*	bmfbcz	cbey	bcc	bxcmo
10	Spurn Head	1026.0	+10	NNW	5	c	54	65	7	8	4	-	7-8	3	2500	1027.1	+4	NNW	3	bc	51	75	7	-	4	5	0	4-6	-	0	*	qpr	bey	bcc	bxcmo
	Catterick	1027.2	+4	NNW	4	c	55	55	8	5	-	7-8	7-8	3200	1027.7	+6	NNW	2	c	52	65	8	5	3	-	4	7-8	5500	1	*	bey	bey	bcc	bxcmo	
	Tynemouth	1026.7	+4	NNW	4	c	54	55	7	8	-	7-8	7-8	2800	1026.8	0	NNW	3	c	53	65	8	6	-	-	7-8	7-8	8200	0	*	cbey	bey	bcc	bxcmo	
11	St. Abbs Head	1026.1	+4	NNW	4	c	51	65	8	5	4	-	4	7-8	2500	1026.1	-2	NNW	4	c	53	55	8	5	4	-	7-8	7-8	2500	0	*	cbcc	cbey	bcc	bxcmo
	Leuchars	1026.3	+2	NNW	4	c	55	55	8	5	4	-	7-8	7-8	3200	1026.1	+4	NNW	4	c	53	55	8	5	4	-	7-8	7-8	3200	0	*	bey	cbey	bcc	bxcmo
12	Renfrew (Abbots L.)	1025.1	+2	NNW	4	c	55	65	8	5	4	-	3	3	2500	1026.1	+10	NNW	3	c	52	85	8	5	4	-	7-8	7-8	2000	1	*	bxbcc	cbey	bcc	bxcmo
	Esksdalemuir	1027.3	-2	NNW	3	c	51	65	8	5	4	-	3	3	2500	1026.0	+10	NNW	2	c	48	75	8	5	4	-	7-8	7-8	2000	1	*	bcc	cbey	bcc	bxcmo
	Point of Ayre	1029.4	0	NNW	4	c	56	75	8	5	4	-	4	7-8	4000	1030.1	+6	NNW	3	c	54	85	8	5	3	-	4	10	2000	0	*	bcc	cbey	bcc	bxcmo
13a	Tiree ...	1029.3	0	NNW	4	c	55	85	8	5	6	-	2-3	4-6	2500	1029.3	+2	NNW	4	c	52	92	8	8	-	0	3	1500	0	*	cbcc	cbey	bcc	bxcmo	
13b	Stornoway	1027.5	+4	NNW	5	c	52	75	8	5	7	-	7-8	3	1500	1028.1	+8	NNW	4	c	51	75	8	5	7	-	4	3	2200	-1	*	cp	cbey	bcc	bxcmo
15	Dalwhinnie	1027.6	+4	NNW	2	c	49	75	7	8	-	3	3	1500	1028.2	+4	NNW	2	c	48	75	8	5	7	-	10	10	1500	0	*	cid	cbey	bcc	bxcmo	
	Aberdeen	1028.5	-8	NNW	3	c	54	65	8	7	3	-	7-8	7-8	4000	1028.0	+10	NNW	3	c	51	85	8	5	7	-	7-8	7-8	1500	1	*	cbcc	cbey	bcc	bxcmo
	Wick ...	1028.0	+2	NNW	3	c	52	85	7	8	7	-	7-8	3	1500	1028.3	+8	NNW	3	c	51	85	7	8	7	-	7-8	7-8	1500	1	*	cp	cbey	bcc	bxcmo
16	Lerwick...	1018.0	-2	NNW	4	c	52	85	7	8	7	-	7-8	3	800	1018.3	+8	NNW	4	c	50	92	7	8	7	-	7-8	7-8	1500	1	*	cp	cbey	bcc	bxcmo
17	Blackod Point...	1033.5	+4	NNW	2	c	56	65	8	3	5	-	4	7-8	1500	1034.6	+8	NNW	3	c	58	70	8	-	6	-	0	3	-	0	*	bcc	cbey	bcc	bxcmo
18	Malin Head	1031.2	+6	NNW	3	c	52	75	8	8	-	7-8	7-8	5700	1032.0	+6	NNW	4	c	52	75	8	8	6	-	4	7-8	4000	0	*	cbcc	cbey	bcc	bxcmo	
	Aldergrove	1030.7	-2	NNW	3	c	52	65	8	8	-	3	3	4000	1031.8	+8	NNW	3	c	50	75	8	8	6	-	3	3	2000	1	*	bcc	cbey	bcc	bxcmo	
19	Birr Castle	1029.2	+8	NNW	2	c	58	55	8	5	-	7-8	7-8	2500	1030.1	+14	NNW	1	c	53	70	8	5	-	-	3	3	4000	1	*	cy	cbey	bcc	bxcmo	
20	Valentia Obsy. †	1033.1	+6	NNW	4	c	57	55	8	7	-	2-3	2-3	4000	1034.7	+8	NNW	3	bc	55	65	8	5	2	-	2-3	2-3	2500	0	*	bey	cbey	bcc	bxcmo	
	Roche Point	1031.3	+10	NNW	4	c	58	55	8	1	-	2-3	2-3	4000	1032.3	+10																			



Abridged observations of additional stations in the AVIATION WEATHER CODE											
13h. G.M.T. 25th September 1940				01h. G.M.T. 26th September 1940				07h. G.M.T. 26th September 1940			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>
1086	02745	27686	5-	03708	28528	5-	02744	26524	5-	01627	24527
115			52	01654	28586	52	01844	28527	52	00704	24588
203											
206	5-	01747	26387	8-	01857	28367	5-	02356	26326	53	01964
210							5-	02957	29527	53	02966
22052	03845	28248	52	02853	28488					52	03733
23036	02855	26465				5-	02857	26327	5-	02944	24187
245	5-	02953	30416	5-	02357	27427	5-	01953	30428	44	01863
260	5-	02967	24317							5-	07666
27787	25055	28487	8-	25047	28487	57	02764	28427	54	00866	23387
279											
28526	02846	30416	5-	02847	30427					5-	03848
2888-	01765	-----	54	05666	27426	5-	05668	20118	5-	02768	25228
27337	10753	23316								37	01763
3010	01863	30213	7-	02766	30326	5-	02756	30366	5-	02966	30326
32123	01864	30315	4-	01764	29214	07	05630	26112	5-	05668	26128
29980	01755	28415	5-	01753	28313	5-	05648	24228	5-	05648	25428
29210	01964	28314	5-	02875	28215	5-	02766	28116	5-	02867	28127
310	5-	05525	32325	5-	01634	32314				5-	01633
31686	01763	32315	5-	05563	32214	00	05530	28110	5-	05577	28127
33310	01964	02414	4-	01965	02315	5-	02708	02428	2-	02657	01267
334	5-	02866	30416							5-	03768
34010	01864	31314	5-	00873	28303	5-	02706	28126	5-	02745	30165
13686	02955	28486	8-	00851	30312	53	02775	27217	5-	05668	28228
336	5-	01852	28413	5-	01861	32411				5-	02852
35026	01864	32315	4-	01773	32223	03	05630	26201	5-	05667	00016
36820	01864	01214	4-	00862	32112	00	05663	32120	57	02866	30128
379			10	05664	30214	00	05630	30200	53	05653	30214
39083	02764	32415				00	08430	32100	5-	05578	28318
38280	02860	31225	4-	05663	31213	00	05530	00000	00	05530	26210
4388-	02747	06417								5-	00651
430			03	00730	02302						
40984	01853	02413	10	01963	01313	5-	00742	04112	5-	02957	04267

III

ww, W

h, N<sub>h</sub>

N

C, C<sub>M</sub>

V

DD

= Index Number of Station—See M.O. 252 or list issued on 1st of each month.

= Present and past weather—See M.O. 252.

= Height and amount of low cloud—See M.O. 252.

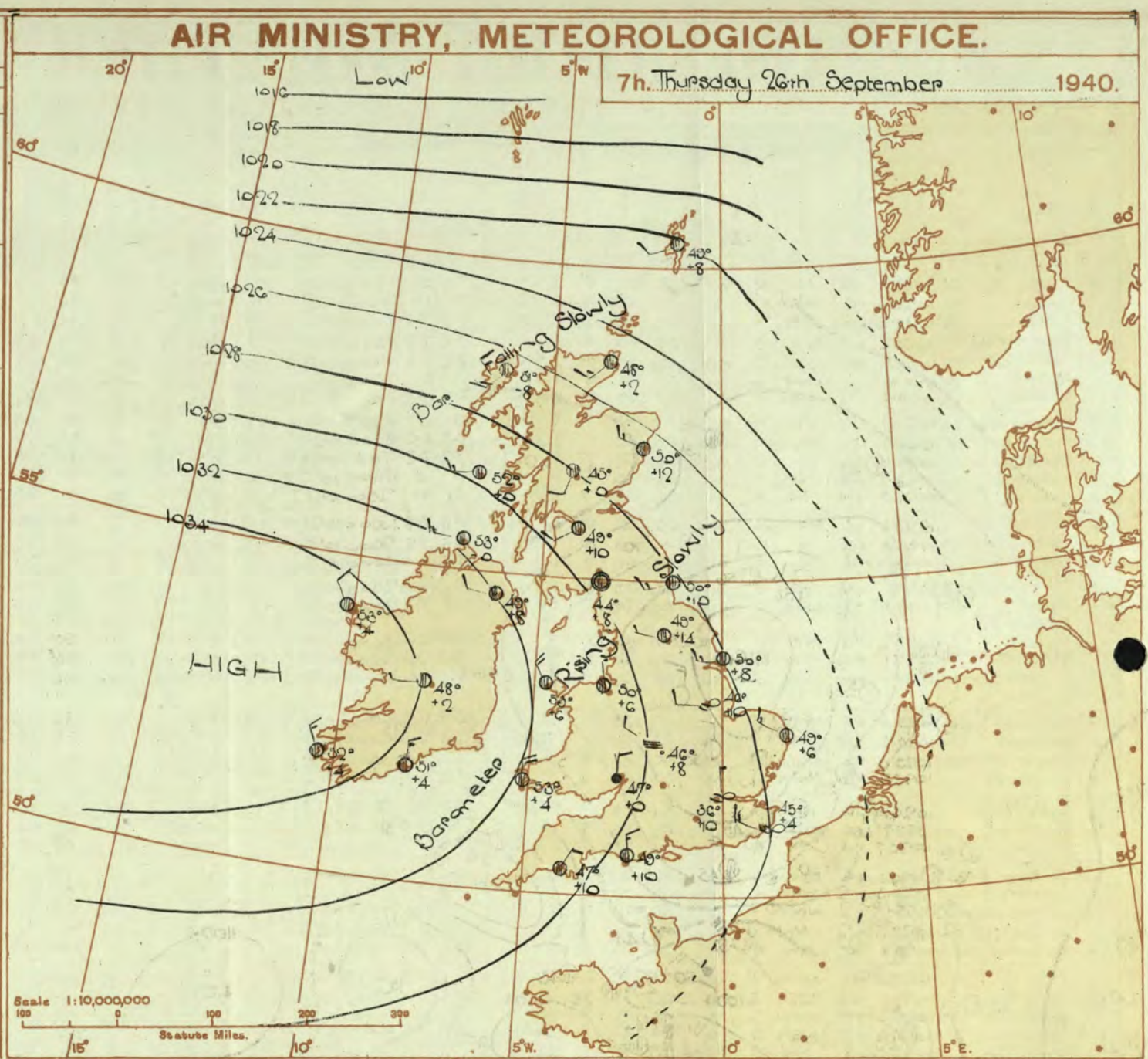
= Total amount of cloud—See M.O. 252.

= Form of low and medium cloud—See page 1.

= Visibility. F = Force of wind—See page 4.

= Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 26th September
1 S.E. England	Light north or northwest wind, mainly cloudy, brighter intervals locally, rather cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Light or moderate northwest to west wind; mainly cloudy, slight rain locally, becoming milder.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Freshening westerly wind, strong later; cloudy, occasional rain or drizzle, milder.
13 { A.W. Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	Wind southwest to west, becoming strong to gale; rain at times; milder.
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 7-11
19 S. E. Ireland	As 1-6
20 S. W. Ireland	



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

**GENERAL INFERENCE.**

An anticyclone off West Ireland is moving slightly south and a depression off Northwest Iceland is moving East. Wind will become strong to gale from West off North Scotland. Weather will become mainly cloudy but there will be little or no rain except in North and West Scotland.

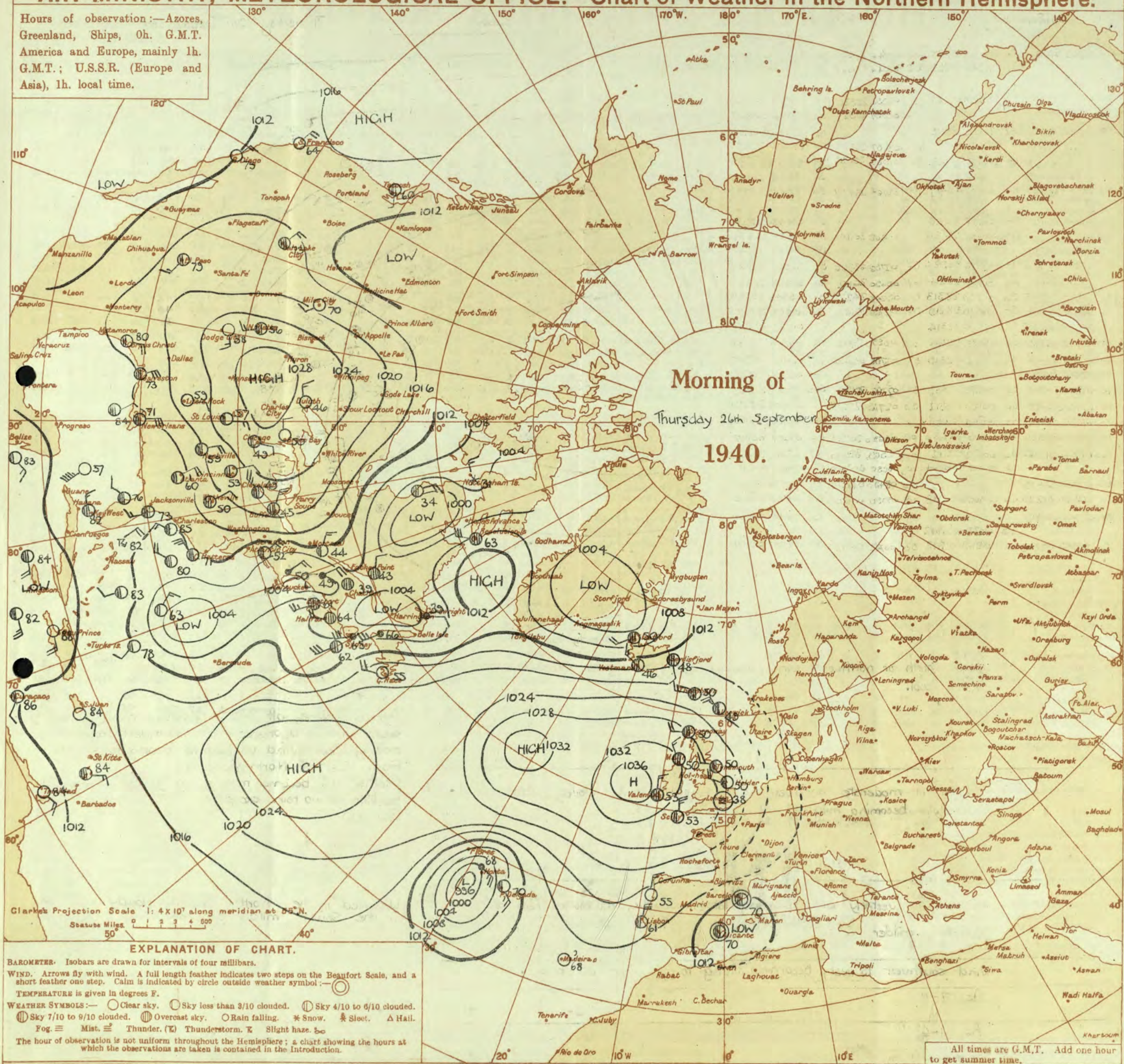
**FURTHER OUTLOOK.**

Unsettled in the North, mainly cloudy and dry in the South; milder generally.

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



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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 26th September 1940.

No. 28,708

OBSERVATIONS at 1 hr. G.M.T. 26th September														OBSERVATIONS at 7 hr. G.M.T. 26th September														PAST 24 HOURS									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.			
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																0-12	0-12		0-10	0-10	0-10
1	London (Kew) ... 18	1028.3	-2	*	*	*	bft	38	97	3	*	*	*	0	0	1029.9	+12	SW	2	m	43	92	4	5	-	-	1.6	1.6	2500	1	38	41	27	-	-	4.8	
	Croydon ... 217	1029.3	0	*	*	*	bft	39	92	5	-	-	-	0	0	1029.4	+10	N	1	Zo	36	97	5	-	3	-	0	1.6	1	57	35	33	-	-	2.3		
	S. Farnborough ... 226	1029.3	0	*	*	*	bft	42	85	5	-	-	-	0	0	1030.3	+12	W/N	1	fg	34	97	5	5	3	-	1.6	1.6	5700	0	59	34	26	-	-	6.2	
	Boscombe Down ... 417	1029.5	-2	*	*	*	bft	46	85	6	-	-	-	0	0	1029.2	+6	NNW	2	Zo	44	92	6	5	3	-	1.6	1.6	5700	0	57	42	33	-	-	7.8	
	Calshot (Stmntn.) ... 8	1028.5	-2	*	*	*	bft	41	97	7	-	-	-	0	0	1028.1	+4	NW	3	Zo	45	92	6	5	-	7.8	7.8	5500	1	50	38	29	-	-	5.0		
	Lymington ... 346	1027.7	-2	*	*	*	bft	41	97	7	-	-	-	0	0	1028.1	+4	NW	3	Zo	45	92	6	5	-	7.8	7.8	5500	1	50	38	29	-	-	5.0		
	Manston ... 154	1028.3	-4	*	*	*	bft	50	75	6	5	-	-	Tr	Tr	1029.5	+14	NNW	4	Zo	51	85	7	-	7	-	0	94	1	50	38	29	-	-	5.0		
2	Shoeburyness ... 11	1027.5	-2	*	*	*	c	47	85	7	5	-	-	94	94	1028.8	+8	NW/N	3	c	44	85	5	5	-	-	10	10	5700	0	61	40	29	-	-	5.7	
	Felixstowe ... 15	1027.5	-2	*	*	*	c	47	85	7	5	-	-	94	94	1027.9	+8	NW	3	c	46	85	5	5	-	94	94	4000	0	1	61	45	41	-	-	5.3	
	Gorleston ... 5	1026.8	0	*	*	*	c	49	85	6	8	-	-	94	94	1027.2	+6	NW	3	c	49	85	6	5	-	94	94	1500	0	2	58	45	39	-	-	4.9	
	Mildenhall ... 19	1027.9	-2	*	*	*	c	38	97	6	-	-	-	0	0	1028.8	+10	WSW	2	Zo	41	92	5	5	-	94	94	5700	0	2	59	36	27	-	-	3.9	
	Cranwell ... 240	1028.4	-2	*	*	*	c	43	85	6	-	-	-	0	0	1029.2	+10	WNW	2	Zo	46	85	5	5	-	10	10	4000	0	2	58	42	38	-	-	6.7	
3	Birmingham ... 535	1029.5	+2	*	*	*	c	42	85	6	-	-	-	0	0	1029.7	+12	NW	2	m	46	92	4	-	-	0	0	0	1	56	42	32	-	-	6.8		
	Upper Heyford ... 408	1029.5	+2	*	*	*	c	42	85	6	-	-	-	0	0	1029.7	+12	NW	2	m	46	92	4	-	-	0	0	0	1	56	42	32	-	-	6.8		
4	Ross-on-Wye ... 223	1029.5	+2	*	*	*	c	42	85	6	-	-	-	0	0	1029.7	+12	NW	2	m	46	92	4	-	-	0	0	0	1	56	42	32	-	-	6.8		
	Ross-on-Wye ... 223	1029.5	+2	*	*	*	c	42	85	6	-	-	-	0	0	1030.4	0	NNE	2	id.	47	85	8	5	-	-	94	94	1500	0	2	58	39	30	-	-	10.4
5	Hartland Point ... 299	1030.3	+2	*	*	*	bc	52	75	8	1	-	-	2.3	2.3	1030.7	+6	NNE	3	c	54	75	8	8	6	-	7.8	94	1500	0	3	61	51	46	-	-	9.1
	Bristol ... 209	1030.4	0	*	*	*	b	43	85	7	5	-	-	Tr	Tr	1030.6	+6	NW	1	c/d	46	92	7	5	7	-	7.8	94	2800	0	2	58	38	-	-	8.6	
	Portland Bill ... 32	1029.8	+8	*	*	*	b	49	85	8	-	-	-	0	0	1029.9	+10	N	3	c	49	85	8	5	-	94	94	2500	0	2	59	47	-	-	-	-	
	Plymouth ... 82	1030.4	+2	*	*	*	b	48	75	8	5	-	-	Tr	Tr	1031.0	+10	NE	2	c	47	85	8	5	-	94	94	3500	0	1	61	45	38	-	-	8.2	
	The Lizard ... 240	1030.5	+4	*	*	*	b	46	85	8	4	-	-	2.3	2.3	1030.9	+6	NNE	3	c	50	85	8	8	6	-	7.8	7.8	2000	0	2	60	45	-	-	10.3	
	Scilly (St. Mary's) ... 163	1031.1	+2	*	*	*	bc	50	85	8	8	-	-	4.6	4.6	1030.9	+6	NNE	3	c	50	85	8	8	6	-	7.8	7.8	2000	0	2	60	45	-	-	10.3	
	Guernsey ... 175	1031.1	+2	*	*	*	bc	50	85	8	8	-	-	4.6	4.6	1030.9	+6	NNE	3	c	50	85	8	8	6	-	7.8	7.8	2000	0	2	60	45	-	-	10.3	
6	Pembroke ... 142	1031.5	0	*	*	*	c	51	75	8	8	6	-	4.6	7.8	1031.6	+4	N	4	c	53	75	8	8	-	94	94	3000	0	2	60	47	-	-	9.1		
7	Holyhead ... 26	1030.7	0	*	*	*	c	54	85	8	5	-	-	10	10	1031.1	+6	NW/N	4	c	53	85	8	5	3	-	94	94	2500	1	3	56	50	49	-	-	9.2
	Chester (Sealand) ... 16	1029.7	0	*	*	*	c	52	85	7	5	-	-	7.8	7.8	1030.2	+6	NNW	1	c/d	50	92	7	5	-	94	94	1800	1	3	55	50	47	-	-	9.5	
8	Manchester ... 70	1029.1	-2	*	*	*	c	48	92	6	5	-	-	7.8	7.8	1030.3	+10	ES	1	F	37	97	1	-	5	-	0	1	1	50	34	31	-	-	8.7		
10	Spurn Head ... 29	1027.3	0	*	*	*	c	50	85	6	5	-	-	94	94	1028.3	+8	WNW	4	c	50	85	7	5	-	10	10	4000	0	3	56	49	-	-	5.4		
	Catterick ... 175	1027.9	-4	*	*	*	c	50	75	7	5	-	-	94	94	1029.4	+14	WNW	1	c	49	85	8	5	-	10	10	3500	0	2	57	46	41	-	-	7.0	
	Tynemouth ... 108	1027.3	+2	*	*	*	c	50	75	6	5	-	-	94	94	1028.3	+10	W	3	c	50	85	6	5	-	94	94	3000	1	1	55	50	45	-	-	4	
11	St. Abbs Head ... 280	1026.8	+4	*	*	*	bc	50	75	8	4	1	-	4.6	4.6	1027.7	+4	WNW	4	c	50	75	9	5	4	-	7.8	94	2500	0	2	53	46	-	-	3	
	Leuchars ... 36	1027.2	+2	*	*	*	bc	50	75	8	5	-	-	2.3	2.3	1028.2	+8	WSW	2	c	49	75	8	7	-	7.8	7.8	4500	0	2	57	49	39	-	-	5.3	
12	Benfrew (Abbots L.) ... 19	1029.3	-2	*	*	*	c	48	85	8	5	-	-	4.6	4.6	1030.0	+10	SW/W	2	c	49	85	8	5	-	94	94	2500	1	2	56	46	41	-	-	5.3	
	Eskdalemuir ... 794	1029.3	-2	*	*	*	c	48	85	8	5	-	-	4.6	4.6	1029.5	+8	SW	2	c	44	85	8	5	-	7.8	7.8	4000	1	3	54	42	36	-	-	6.0	
	Point of Ayre ... 30	1030.3	0	*	*	*	c	53	92	8	5	1	-	4.6	10	1030.7	+8	NNW	4	c	53	85	8	5	-	94	94	4000	0	3	58	51	-	-	5.7		
13A	Tiree ... 22	1028.0	-2	*	*	*	c	50	85	7	5	7	-	7.8	10	1029.4	0	W	3	c	52	92	8	5	-	94	94	2100	0	2	55	49	-	-	4.3		
13B	Stornoway ... 80	1028.0	-2	*	*	*	c	50	85	7	5	7	-	7.8	10	1026.5	-8	SW	4	c/pr	51	92	7	5	7	-	7.8	94	1200	1	2	53	47	-	-	0.1	
15	Dalwhinnie ... 1176	1029.1	0	*	*	*	c	50	85	7	5	7	-	7.8	10	1029.1	0	SW	2	c	45	85	7	5	-	10	10	1500	1	2	50	43	38	-	-	0.3	
	Aberdeen ... 79	1024.8	+4	*	*	*	bcg	48	85	7	8	4	-	2.3	4.6	1027.0	+12	NW/W	3	c	50	75	8	7	3	-	94	94	4000	1	1	55	48	45	-	-	2.6
	Wick ... 81	1024.8	+4	*	*	*	bcg	48	85	7	8	4	-	2.3	4.6	1024.8	+2	SW	3	c	48	85	9	5	7	-	7.8	94	1500	1	2	55	47	-	-	0.4	
16	Lerwick ... 156	1020.5	+2	*	*	*	c	49	85	6	8	7	-	7.8	10	1022.1	+8	WSW	2	c	49	85	8	7	-	7.8	94	1500	1	2	55	47	-	-	0.3		
17	Blackod Point ... 18	1034.4	-4	*	*	*	c	52	65	8	-	7	-	0	10	1034.4	+4	NW	2	c	53	85	8	-	7	-	0	10	0	2	57	50	-	-	-	-	
18	Malin Head ... 84	1031.9	+2	*	*	*	c/pr	50	92	7	6	-	-	7.8	7.8	1033.3	0	WNW	3	c	53	75	8	8	7	-	1.6	9	5700	0	2	54					



SECRET

Page 1.

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

BRITISH SECTION

Friday, 27th September, 1940.

No. 28,799.

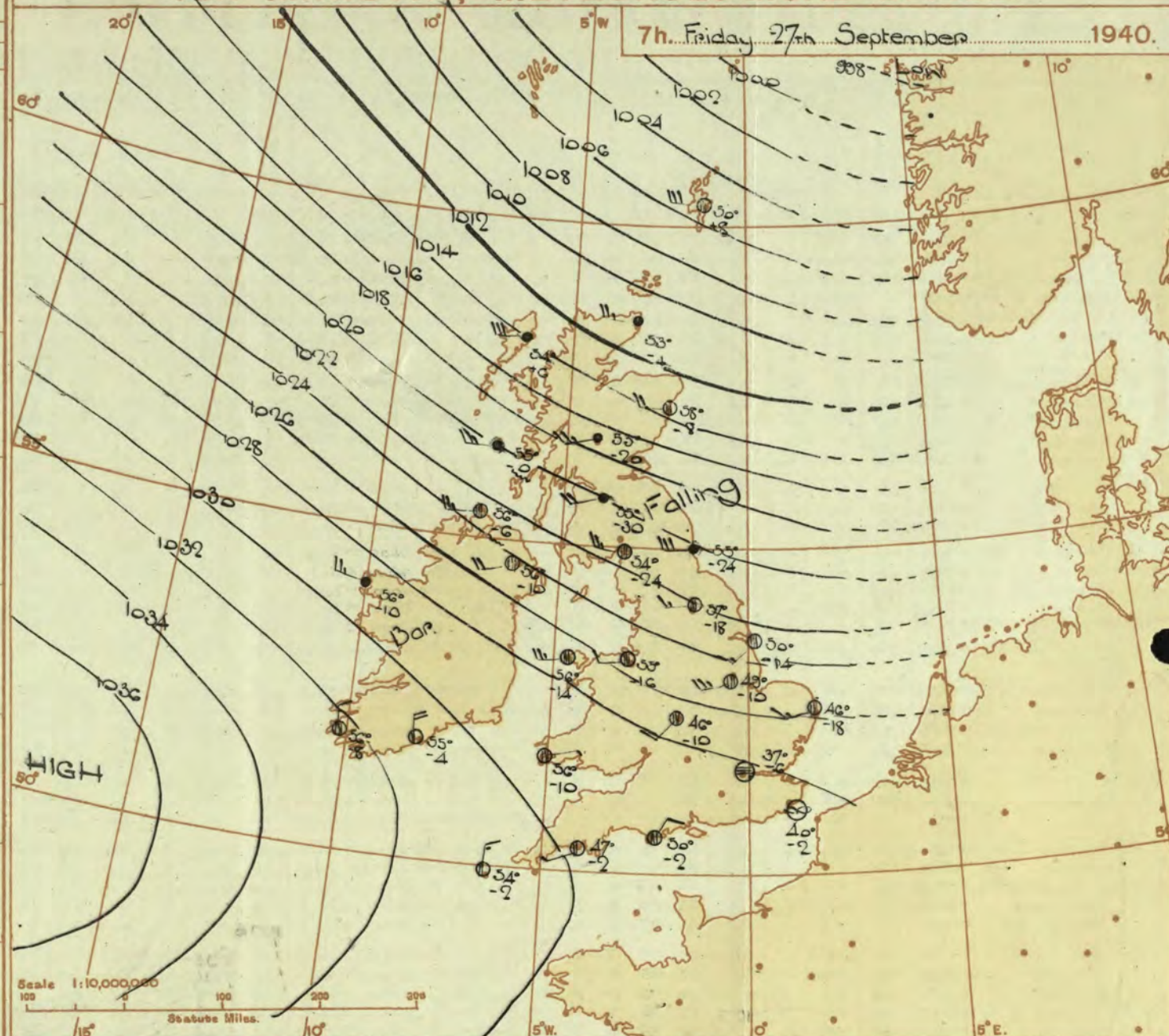
OBSERVATIONS at 13h. G.M.T. 26th September														OBSERVATIONS at 18h. G.M.T. 26th September														PAST 24 HOURS.			
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. (1)	Change in 3 hours (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.			Barom. M.S.L. (15)	Change in 3 hours (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			State of Ground. (29)	Sea. (30)	WEATHER.							
				Dir.	Force. 0-12 (4)				Form.	Amount. 0-10 (11)	Dir.			Force. 0-12 (18)	Form.				Amount. 0-10 (23)	Height of Base (feet) (28)	7h.—13h. 26th (37)			13h.—18h. 26th (38)	18h.—27th 27th (39)	1h.—7h. 27th (40)					
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lymington Manston	1025.6 1025.1 1025.5 1025.7 1025.0 1025.6 1025.6	-6 0 -4 0 -4 +2 0	N'E NNW NNE NE/N NNE N NNE	4 2 3 3 3 3 4	57 56 58 57 60 55 56	55 65 65 45 56 75 75	6 4 7 8 8 7 6	7 8 7 5 5 7 5	- - 3 - - - 7	7-8 7-8 4-6 9 4-6 10 4-6	7-8 7-8 4-6 9 4-6 10 10	2500 3000 3000 2800 5700 2500 4000	1030.0 1029.5 1030.2 1030.2 1029.3 1029.0 1030.6	+6 +2 +6 +4 +6 +8 +8	NNE NNE NNE NE/N NNE N NE/N	2 1 1 1 3 3 3	20 20 20 20 20 20 20	55 52 54 51 56 54 55	65 75 65 75 65 85 85	6 5 6 6 7 8 7	5 - - - - - 3	2 3 - - 3 - - 3	- 							



Abridged observations of additional stations in the AVIATION WEATHER CODE															
13h. G.M.T. 26th. Sept. 18h. G.M.T.				01h. G.M.T. 27th. Sept. 07h. G.M.T.											
III	C <sub>1</sub>	wwVhN	DDFWN	C <sub>1</sub>	wwVhN	DDFWN	C <sub>1</sub>	wwVhN	DDFWN	C <sub>1</sub>	wwVhN	DDFWN	C <sub>1</sub>	wwVhN	DDFWN
109				62	14744	55653				5-	54528	57758			
115	87	31744	22556	52	02837	22597	52	62735	57288	--	67109	57700			
203															
206	54	01864	22225	57	02865	56427	5-	61857	57757	57	02845	55467			
210															
220	52	21625	24258	52	03745	24328				6-	54418	26658			
230							5-	62638	56568	62	22786	57468			
245				51	02865	22316	52	02864	22468	52	02866	24328			
260	53	17775	22226	57	02864	26315	52	05654	57528	57	02764	57528			
277	77	02856	26428	57	52656	20268	5-	05648	22428	53	02844	22457			
279				--	02798	24428									
285	8-	02847	24327	8-	02746	26426				5-	61838	24728			
288	5-	05653	26228	50	01864	22224	5-	02768	26318	52	61845	19328			
273	36	01753	27516							68	10544	26658			
301	53	02764	31356	54	01764	29124	57	22764	28300	57	05653	51467			
321	17	02762	30328	57	02565	00027	00	00500	00014	57	05655	22238			
299	5-	05648	26228	5-	05648	04228	50	05652	26322	52	05545	26418			
293	7-	02868	29128	54	01763	23123	51	02763	18128	57	62845	22368			
310	--	02638	26328	--	02528	26328				--	48200	24429			
316	5-	05668	00028	5-	05658	30152	50	08463	24203	57	02545	26317			
333	7-	02857	02467	5-	02866	32216	50	05663	00013	52	02743	00027			
334		21746	00058							--	02744	24127			
340	5-	17756	02316	50	01763	30113	50	01763	00003	07	02930	26216			
136	8-	26758	30288	5-	02867	31117	00	05663	26220	04	05550	26316			
336		21853	32558		01852	32414				--	05631	16328			
350	5-	05668	30228				00	05590	28110						
368	37	02866	32127	5-	02867	32127	50	01763	02103	50	05662	30127			
379	8-	02750	02228	5-	05668	32228	50	05668	30111	03	02730	26126			
390				5-	05677	02227									
382	53	02876	02227	5-	02768	00025	00	05680	00000	00	05630	28105			
438										51	01763	04214			
430															
409	52	61736	01567	5-	51247	01567	50	05642	00052	53	02861	00016			

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C<sub>1</sub>, C<sub>2</sub> = Form of low and medium cloud—See page 1.  
 V = Visibility. F = Force of wind—See page 4.  
 DD = Direction of wind (S = E, 16 = S, 24 = W, 32 = N).

## AIR MINISTRY, METEOROLOGICAL OFFICE.



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

### GENERAL INFERENCE.

Pressure remains highest to west-southwest of Ireland, while depressions are following tracks from South Greenland across Iceland to Norway.

Weather will be rather unsettled but rainfall will be small except in North and West Scotland.

### FURTHER OUTLOOK.

Unsettled generally but little rain in the South. Strong winds at times except in Southern England.

Gale warning issued at 1445 on 26th in Orkney and Shetland area, at 2020 on 26th in Northern Scotland districts, and at 0545 on 27th in Northern districts and Dogger area.

Forecasts issued at 1030 G.M.T.  
 H.M.S.O. Press, Cornwall House, S.E.1.

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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 27th September
1 S.E. England	Moderate west to northwest wind, fresh at times locally; cloudy, slight showers, bright intervals later: average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Fresh or strong west to west-northwest wind, moderating somewhat later; cloudy, occasional slight rain; bright intervals later, 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. Scotl <sup>d</sup> . B.N.W. Scot- land.	Strong, squally west to west-northwest wind, moderating slightly; showery, rather cool.
14 Mid Scotland	
15 N. E. Scotland	As 7-12
16 Orkneys and Shetlands	
17 N. W. Ireland	As 1-6
18 N. E. Ireland	
19 S. E. Ireland	As 1-6
20 S. W. Ireland	







# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 27th September 1940.

No 28799

OBSERVATIONS at 1 hr. G.M.T. 27th September.															OBSERVATIONS at 7 hr. G.M.T. 27th September.															PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	TEMPERATURE.					RAINFALL.		Sun- shine 24th Hrs.					
					Direc.	Force.					Form.	Amount.	Height of Base (feet).			Direc.	Force.					Form.	Amount.	Height of Base (feet).			State of Ground.	Sea. 0-9	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																			Low.	Med.	High	Low	Total
1	London (Kew) ... 18	*	*	*	*	*	*	*	*	*	*	*	1028.3	-10	WNW	2	bcl	42	92	2	-	-	6	0	4.6	-	1	58	40	27	Tr	Tr	2.5						
	Croydon ... 217	1030.2	-2	W	1	3	39	92	4	-	-	0	0	1028.5	-6	-	0	m	37	97	4	-	-	2	0	9	0	58	36	34	-	-	2.4						
	S. Farnborough ... 226	1030.9	-4	-	0	3	42	92	5	-	-	0	0	1029.0	-6	-	0	bcl	33	97	2	-	-	2	0	4.6	0	58	31	26	-	-	5.0						
	Boscombe Down ... 417	1031.1	0	NNW	2	20	46	85	6	-	-	0	0	1029.3	-2	NNW	1	F	36	97	1	-	-	2	0	4.6	0	58	36	31	Tr	Tr	5.4						
	Calshot (Stmnt.) ... 8	1030.3	0	-	0	20	42	92	7	-	-	0	0	1028.7	-4	W	1	20	42	92	6	-	-	6	0	4.6	0	62	41	37	-	-	7.1						
	Lymington ... 346	1029.8	0	-	0	20	42	92	7	-	-	0	0	1028.2	-2	-	0	20	40	97	5	-	-	6	0	7.8	1	58	36	30	-	-	1.7						
	Manston ... 154	1030.7	-2	-	0	20	46	97	6	-	-	Tr	Tr	1028.6	-6	WN	2	20	44	97	5	-	-	6	0	4.6	-	59	41	29	-	-	0.3						
2	Shoeburyness ... 11	*	*	*	*	*	*	*	*	*	*	*	1027.8	-6	W	1	cl	45	97	3	-	-	2	0	4.6	-	0	59	45	40	-	-	0.1						
	Felixstowe ... 15	1029.7	-2	W	1	20	50	85	5	-	-	Tr	Tr	1026.8	-10	W'S	3	20	47	85	5	-	-	6	0	9	0	59	45	39	Tr	-	*						
	Gorleston ... 5	1029.0	-6	W	2	20	50	92	6	-	-	10	10	1025.6	-18	WSW	3	bc	46	85	6	-	-	5	0	4.6	0	57	42	33	-	-	0.0						
	Mildenhall ... 19	1029.6	-6	SW	1	20	49	85	6	-	-	5	5	1026.4	-12	SW	3	20	44	92	5	-	-	4	6	9	0	57	43	39	-	-	0.3						
	Cranwell ... 240	1029.4	-10	W	3	20	44	92	5	-	-	5	0	1025.1	-10	WSW	5	C	49	85	7	-	-	7	4.6	10	4000	0	58	43	39	-	-	0.3					
3	Birmingham ... 535	*	*	*	*	*	*	*	*	*	*	*	1026.5	-10	SW	3	C	46	92	8	-	-	6	9	10	2500	0	56	45	38	-	-	5.6						
	Upper Heyford ... 408	1030.8	-2	NNW	3	20	46	85	6	-	-	0	0	1028.5	-6	WSW	2	20	39	97	6	-	-	4	2	0	9	0	58	37	28	-	-	*					
4	Ross-on-Wye ... 223	*	*	*	*	*	*	*	*	*	*	*	1028.2	-10	SW'S	2	C	37	97	8	-	-	2	2.3	7.8	4000	0	58	34	29	-	-	0.7						
5	Hartland Point ... 299	1031.4	-6	NNE	3	bc	54	85	8	-	-	1	2.3	1029.2	-4	NW	3	C	56	75	9	-	-	4	2	1	7.8	2000	1	55	50	47	-	-	0.3				
	Bristol ... 209	1031.6	-2	-	0	20	46	85	8	-	-	1	1	1029.0	-6	-	0	20	40	97	6	-	-	4	6	4000	0	58	36	30	-	-	2.2						
	Portland Bill ... 32	1030.9	+4	NE	3	bc	52	85	8	-	-	4.6	4.6	1028.0	-2	NE	2	C	50	75	8	-	-	4	4.6	7.8	4000	0	58	49	-	-	*						
	Plymouth ... 82	1031.3	-2	NNW	2	b	51	75	7	-	-	Tr	Tr	1030.1	-2	WSW	1	bc	47	85	8	-	-	2	4.6	3000	0	57	46	36	-	-	0.2						
	The Lizard ... 240	1030.3	-4	N	4	bc	59	92	8	-	-	2.3	2.3	1030.1	+2	N'E	4	bc	49	92	8	-	-	6	4.6	2500	0	57	47	-	-	-	0.9						
	Scilly (St. Mary's) ... 163	1031.6	-10	NNE	5	b	54	75	8	-	-	1	1	1030.6	-2	NNE	3	bc	54	85	8	-	-	4	4	2.3	1800	0	59	54	-	-	-	3.8					
	Guernsey ... 175	*	*	*	*	*	*	*	*	*	*	*	*	1028.9	-10	E'N	1	C	56	92	9	-	-	4	7.8	2500	0	59	49	-	-	-	1.8						
6	Pembroke ... 142	1032.0	-4	W	2	bc	56	85	9	-	-	2.3	2.3	1026.5	-10	W	5	C	56	92	7	-	-	1	9	900	1	56	53	51	Tr	-	3.9						
7	Holyhead ... 26	1029.5	-14	W'S	5	C	56	75	8	-	-	7.8	9	1026.2	-14	W	5	C	56	92	7	-	-	1	9	900	1	56	53	51	Tr	-	1.8						
	Chester (Sealand) ... 16	1029.3	-18	SSE	1	20	46	92	6	-	-	4.6	10	1025.8	-16	W	2	C	55	86	8	-	-	7.8	10	4000	1	57	43	37	-	-	0.3						
8	Manchester ... 70	1029.0	-18	S	2	20	48	92	5	-	-	10	10	1024.5	-18	W'S	4	20	55	92	6	-	-	10	1500	1	56	41	33	-	-	Tr	0.3						
10	Spurn Head ... 29	1028.1	-8	SW	2	bc	49	85	6	-	-	4	5	1022.7	-14	SW'S	3	C	50	92	6	-	-	4	4.6	9	4000	0	56	48	44	-	-	0.0					
	Catterick ... 175	1026.2	-22	WSW	1	C	55	85	7	-	-	4.6	9	1020.3	-18	W	3	C	57	85	8	-	-	4	10	2500	0	56	49	44	-	-	0.8						
	Tynemouth ... 108	1024.0	-26	W	5	C	55	85	7	-	-	9	9	1018.4	-24	W	6	ir	55	97	6	-	-	10	10	1600	1	57	52	46	-	-	*						
11	St. Abbs Head ... 280	1021.2	-26	W	3	ir	56	75	8	-	-	7.8	10	1012.9	-30	W	7	Cy	57	75	9	-	-	4	10	2500	0	58	53	-	-	Tr	3.4						
	Leuchars ... 36	1019.3	-34	W	5	id	55	85	7	-	-	4.6	10	1013.5	-28	WSW	6	C	58	75	8	-	-	7.8	9	1800	0	58	54	52	Tr	Tr	0.9						
12	Renfrew (Abbots L.) ... 19	1022.9	-30	WSW	5	id	56	97	6	-	-	10	10	1017.8	-30	WSW	4	ir	55	82	6	-	-	10	10	800	1	58	54	52	Tr	Tr	1.7						
	Eskdalemuir ... 794	*	*	*	*	*	*	*	*	*	*	*	*	1018.8	-24	WNW	5	C	54	85	8	-	-	10	10	1500	1	56	50	50	-	-	-	0.3					
	Point of Ayre ... 30	1027.6	-14	WN	4	C	55	92	8	-	-	4.6	10	1023.2	-10	WN	5	C	56	97	8	-	-	7.8	10	1500	0	60	53	-	-	Tr	0.3						
13A	Tiree ... 22	*	*	*	*	*	*	*	*	*	*	*	*	1019.2	0	WNW	5	dr	55	97	5	-	-	10	10	500	1	57	54	-	-	Tr	0.3						
13B	Stornoway ... 80	1015.1	-22	WSW	7	for	55	92	6	-	-	10	10	1013.8	+6	W	6	for	54	97	7	-	-	10	10	600	1	59	52	-	-	Tr	3.5						
15	Dalwhinnie ... 1176	*	*	*	*	*	*	*	*	*	*	*	*	1014.6	-20	WSW	5	id	53	85	7	-	-	10	10	800	1	54	49	44	Tr	Tr	1.3						
	Aberdeen ... 79	*	*	*	*	*	*	*	*	*	*	*	*	1010.9	-8	WNW	4	C	58	75	8	-	-	9	9	4000	1	61	53	48	-	-	2.5						
	Wick ... 81	1013.1	-36	SW	3	C	53	75	7	-	-	7.8	10	1008.5	-4	WNW	5	for	53	97	6	-	-	9	10	800	1	60	51	-	-	Tr	0.4						
16	Lerwick ... 156	1006.5	-48	WSW	8	ir	51	92	6	-	-	7.8	10	1002.3	+8	WNW	6	C	50	92	7	-	-	4.6	7.8	1500	1	54	49	-	-	Tr	0.4						
17	Blacksod Point ... 18	1031.2	-4	W	3	C	56	97	8	-	-	9	9	1028.7	-10	WNW	5	id	56	92	7	-	-	10	10	1500	1	60	54	-	-	Tr	0.6						
18	Malin Head ... 84	1025.8	-12	W	5	C	56	92	6	-																													



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Saturday, 28th September 1940.  
No. 28,800.

OBSERVATIONS at 13h. G.M.T. 27th September														OBSERVATIONS at 18h. G.M.T. 27th September														PAST 24 HOURS.					
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. mi. (8)	Cloud.				Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. mi. (22)	Cloud.				Sea. 0-9 (30)	WEATHER.						
				Dir.	Force. 0-12 (4)					Form.	Amount. 0-10 (12)	Height of Base. (feet) (14)	Dir.			Force. 0-12 (18)	Form.					Amount. 0-10 (24)	Height of Base. (feet) (26)	State of Ground. (28)	7h.-13h. 27th. (37)		13h.-18h. 27th. (38)	18h.-27th. 28th. (39)	1h.-7h. 28th. (40)				
1	London (Kew)...	1022.9	-32	W/N	3	c	63	55	7	5	6	Tr	4000	1020.9	-4	W/S	2	Zo	61	75	6	5	7	-	2-3	10	4000	1	*	cmcy	cyzco	czoc	cbcmno
	Croydon ...	1023.1	-36	W	2	Zo	65	65	6	-	5	6	0	9+	1020.6	-12	NW	2	Zo	61	75	6	5	4	1	7-8	9+	2000	0	*	cbcmo	cyzco	cbcmno
	S. Farnborough	1023.6	-34	W/S	3	c	64	55	7	-	5	8	0	9+	1021.2	-6	W/N	3	Zo	61	75	6	5	7	-	7-8	10	5700	0	*	befay	cyzco	cbcmno
	Boscombe Down	1023.9	-34	NW/W	4	bc	66	55	8	-	3	2	0	7-8	1022.1	-2	W	3	c	58	85	7	-	7	-	0	10	-	0	*	bc	c	cmo, bcmo
	Calshot (Soton.)	1024.2	-32	SW/W	3	c	65	65	7	-	1	6	0	9+	1022.0	-2	WNW	3	c	61	75	7	-	7	8	0	9+	-	0	1	bcc	c	bcmo, bccmo
	Lympne ...	1023.2	-34	SW	2	c	61	65	7	-	5	6	0	9	1020.5	-6	WNW	3	Zo	57	75	6	5	2	-	7-8	10	5500	1	*	bcmo	cmo	cbcmo
	Manston ...	1023.0	-42	WSW	3	c	62	55	7	-	6	0	9+	1020.3	-4	SW	2	Zo	60	75	6	5	7	-	4-6	10	3000	0	*	cmo	cmo	cbcmo	
2	Shoeburyness ...	1022.1	-40	WSW	4	c	62	65	6	-	-	6	0	9	1020.3	-6	W/N	3	c	62	65	6	5	7	-	9+	10	4000	0	*	befzoy	zoc	c
	Felixstowe ...	1021.4	-36	W/S	4	c	63	55	7	-	7	7	0	10	1021.1	-4	NW/W	3	Zo	63	65	6	5	7	-	7-8	10	2500	0	2	czoy	cyzco	cmo, bcmo
	Gorleston ...	1020.1	-36	WNW	5	c	61	65	7	-	5	7	0	9+	1020.4	-4	WNW	4	id	59	85	6	5	7	-	7-8	10	1800	0	2	bczo	czco	cmo, bcmo
	Mildenhall ...	1021.5	-28	W/S	4	c	64	65	8	-	7	7	0	10	1020.7	-2	WNW	4	id	60	75	7	5	-	-	10	10	2500	0	*	cmo, wczoy	czco	cid, cmo, bcmo
	Cranwell ...	1020.6	-26	W/S	5	Zo	62	75	6	-	-	9+	9+	2000	1020.2	-10	NW	4	Zo	58	85	6	5	-	-	10	10	1500	0	*	ccpino	cmo	c, bmo
3	Birmingham	1022.8	-22	W	4	c	60	75	8	7	7	-	2-3	10	1021.9	-6	WNW	3	do	55	92	5	6	-	-	10	10	4500	0	*	c	cmo	oid, c
	Upper Heyford	1023.8	-26	W/N	3	c	65	55	9	-	3	6	0	9+	1021.7	-6	WNW	5	c	59	75	8	5	7	9	4-6	9+	3500	0	*	cmo	cro	cid, c
4	Ross-on-Wye ...	1024.0	-20	W/N	4	c	64	65	8	5	7	-	7-8	9+	1022.8	-9	W/N	3	c	59	75	8	5	-	-	9+	9+	2500	0	*	cbcc	c	c
5	Hartland Point	1027.1	-16	WNW	3	c	58	85	8	5	4	-	4-6	9	1024.4	-10	NW	4	c	58	92	8	5	9	7	1	10	1000	0	3	bcc	c	ebc
	Bristol ...	1025.5	-22	W/S	3	c	63	75	7	-	7	6	0	9+	1022.7	-2	W/N	3	c	59	85	7	-	7	8	0	9+	-	0	*	bcmo, w	c	cid, cbcmo
	Portland Bill ...	1025.2	-20	W	2	c	61	75	8	2	4	-	4-6	9	1022.6	-16	NW	3	c	60	85	8	5	-	-	10	10	4000	0	2	cc	c	cc
	Plymouth ...	1026.4	-16	WNW	4	c	62	75	8	1	7	-	1	9	1024.5	-6	NW	3	c	60	85	8	5	7	-	7-8	9+	2500	0	2	bcc	c	cid, c
	The Lizard ...	1027.5	-16	WNW	3	bc	60	92	8	5	6	-	4-6	4-6	1025.9	-4	WNW	2	c	58	92	8	8	2	-	9	10	2200	0	2	bc	bcc	c
	Scilly (St. Mary's)	1028.7	-10	N/W	4	c	62	75	8	5	4	3	2-3	9	1026.4	-12	WNW	4	c	58	85	8	5	7	3	2-3	9	1600	0	2	bcc	c	c
	Guernsey ...	1028.7	-10	N/W	4	c	62	75	8	5	4	3	2-3	9	1026.4	-12	WNW	4	c	58	85	8	5	7	3	2-3	9	1600	0	2	bcc	c	c
6	Pembroke ...	1024.1	-12	W/S	5	c	59	85	7	5	7	-	2-3	10	1024.6	-12	W	6	cq	60	85	8	8	-	-	9+	9+	1400	0	2	c	cq	do, do, bcc
7	Holyhead ...	1023.1	-12	W/S	5	c	59	85	7	5	7	-	2-3	10	1023.1	-12	WNW	5	c	58	92	8	5	2	-	7-8	10	1500	1	3	c	c	cbcc
8	Chester (Sealand)	1022.4	-18	W/N	5	c	60	75	8	5	-	-	10	10	1020.5	-14	W	6	c	58	85	6	5	-	-	9+	9+	1200	0	*	c	c	cmo, probay, bmo, q, b
	Manchester ...	1021.5	-18	W	5	c	59	85	7	5	7	-	4-6	10	1020.4	+6	WNW	4	ro	56	92	7	8	-	-	4-6	9+	500	1	*	cmo	c	ra, cmobm, bmo
10	Spurn Head ...	1017.5	-22	W/S	6	cq	60	75	6	5	-	-	10	10	1020.4	-4	W/S	6	cq	57	85	6	5	9	4	4-6	9+	2500	0	4	iroay	cq	bcc
	Catterick ...	1017.5	-10	NW	4	c	61	75	8	5	7	-	4-6	9+	1020.4	-4	WNW	3	c	58	75	8	5	-	7	4-6	9	2200	0	*	c	c	cb
	Tynemouth ...	1016.1	-4	W	6	c	61	75	7	2	-	-	7-8	7-8	1026.7	+6	W	6	Zo	58	75	6	2	3	1	7-8	7-8	3200	1	1	oiry	cq	cbcb
11	St. Abbs Head	1014.2	+10	WNW	6	cq	59	75	8	8	7	-	4-6	9+	1015.2	+12	WNW	5	cq	57	75	8	2	7	4	1	9	2500	0	2	cq	cq	cbq, b
	Leuchars ...	1014.2	+10	W	4	c	61	75	8	8	7	7	7-8	10	1016.0	+14	WNW	4	bc	55	55	8	-	8	6	0	4-6	-	0	*	c	cybay	beyb
12	Renfrew (Abbots L.)	1018.3	+8	W	4	id	56	85	8	5	2	-	9+	10	1019.7	+18	W	4	c	53	75	8	2	3	6	1	7-8	2500	1	*	c	cd, cc	cbcb
	Eskdalemuir ...	1018.1	-2	WNW	4	ro	54	85	8	6	-	-	10	10	1018.4	+6	WNW	3	c	52	75	8	5	4	2	2-3	9	1500	1	*	cd, ro	c	bcb
	Point of Ayre ...	1020.7	-6	NW/W	6	c	60	92	8	5	-	6	9	9+	1022.3	+10	WNW	5	c	56	97	8	8	4	7	4-6	9	1500	0	3	c	c	b
13a	Three ...	1015.2	0	WNW	5	id	55	97	6	-	2	-	10	10	1021.6	+4	WNW	4	bc	53	92	8	4	5	8	1	4-6	2800	0	4	odr	bc	bcb
13b	Stornoway ...	1015.9	+10	WNW	6	c	55	75	7	5	4	7	1	10	1020.1	+14	NW	5	c	42	75	7	5	7	7	7-8	10	1500	1	3	c	c	c
15	Dalwhinnie ...	1019.2	+14	W	3	c	55	75	8	7	3	-	4-6	10	1019.5	+16	NW	1	c	49	65	8	4	-	7	1	10	2500	0	*	c	c	cbcc
	Aberdeen ...	1013.2	+16	NW/W	4	c	57	75	8	9	-	8	9	9+	1014.9	+12	WNW	5	bc	53	75	7	3	7	8	2-3	4-6	1500	1	2	acis	cbcc	b
	Wick ...	1011.4	+16	NW	6	cq	54	75	7	5	2	-	7-8	10	1013.2	+10	NW	6	cq	52	75	7	9	7	5	4-6	7-8	1500	1	3	prcy	cq	cbcc
	Lerwick ...	1006.2	+16	NW	6	c	51	85	7	8	7	-	7-8	10	1009.3	+18	NW	6	cq	47	92	7	8	7	-	7-8	9+	800	1	*	cpr	cpr	cpr
17	Blackad Point ...	1028.5	+2	W	4	c	58	92	7	5	-	-	10	10	1029.0	+4	WNW	3	dd	56	97	6	6	-	-	10	10	1500	1	3	c	dd	prbo
18	Malin Head ...	1022.5	+2	W	5	do	56	97	5	5	-	-	9+	9+	1024.2	+8	WNW	6	c	55	85	7	8	5	2	4-6	7-8	2500	0	4	cid, c, do	cid	bc
	Aldergrove ...	1022.7	-4	WNW	4	c	58	85	8	5	-	-	10	10	1023.7	+6	WNW	4	p/d	55	85	8	5	-	-	9+	9+	800	1	*	cid, c	cid, m, c	bcb
19	Birr Castle ...	1027.3	-8	WNW	2	c	62	75	8	8	1	-	7-8	10	1027.4	+2	W	1	id	57	92	7	5	-	-	10	10	2500	1	*	c	oid	cb
20	Valentia Obs. †	1032.0	-6	WNW	3	o/d	59	85	8	5	-	-	10	10	1029.7																		



Abridged observations of additional stations in the AVIATION WEATHER CODE												
18h. G.M.T. 27th Sept.....18h. G.M.T.						01h. G.M.T. 28th Sept.....07h. G.M.T.						
III, C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	
109			8-	02655	6.725	8-	10756	32686	5-	01763	24203	
115	53	14734	57767	87	81734	6.787	51	4834	61685	52	02844	28525
203			8-	01734	26414							
206	57	02855	24426	57	02864	28326	5-	01853	28463	53	01964	24114
210	51	02844	59627	5-	02853	59526						
220	52	02845	28317	20	10843	28563						
230	52	22747	58568	80	02843	59586	50	00741	28511	24	00831	28502
245	5-	02954	28668	41	02953	30428	50	00851	63621	86	81933	29523
260							00	00830	26100	10	00762	25202
277	52	58526	26653	50	02744	27658	50	00842	60602	57	00741	28612
279	-	02868	24428				-	00730	59500	-	05630	28300
285	5-	03638	28723							40	00732	36512
288	5-	02858	28668	50	02853	59526	00	00790	26210	00	05630	26206
273										54	01762	23414
301	57	05643	57528	57	22734	26367	5-	01734	61414	80	05653	64313
321	5-	22648	57568	52	02647	26328	00	05630	28300	00	05630	28300
299				57	01754	24314	00	05630	26400	80	01744	28414
292	57	02754	57468	57	02846	22627	00	00830	24100	00	00830	00010
310	-	02638	20628	-	57268	20648				-	04425	26425
316	57	22754	20468	52	02646	26428	00	05500	26300	00	05536	28210
333	57	02843	24428	5-	52747	26557	50	01753	30413	24	02754	02425
334										-	01754	28114
340	5-	02867	23427	62	51636	26358	50	00853	28413	50	01774	30414
136	57	22663	24368				5-	02767	26467	50	01742	28313
336										-	01861	02412
350				57	02755	59528	00	05630	26410			
368	52	02745	24227	57	02763	24426	50	05653	27213	57	00862	29113
379	57	05775	24328	51	02765	26328	50	05651	63301	50	02765	28225
390				57	05656	24327	54	05653	28423	03	05630	28214
382	57	02773	23426	57	02755	26327						
438	51	01664	24314							51	01754	30315
430				07	05630	26218	50	05653	24315	03	01790	32215
409							5-	51638	62528	53	02843	31455

III

=

Index Number of Station—See M.O. 252 or list enclosed on 1st of each month.

ww, W

=

Present and past weather—See M.O. 252.

h, N<sub>h</sub>

=

Height and amount of low cloud—See M.O. 252.

N

=

Total amount of cloud—See M.O. 252.

C<sub>L</sub> C<sub>M</sub>

=

Form of low and medium cloud—See page 1.

V

=

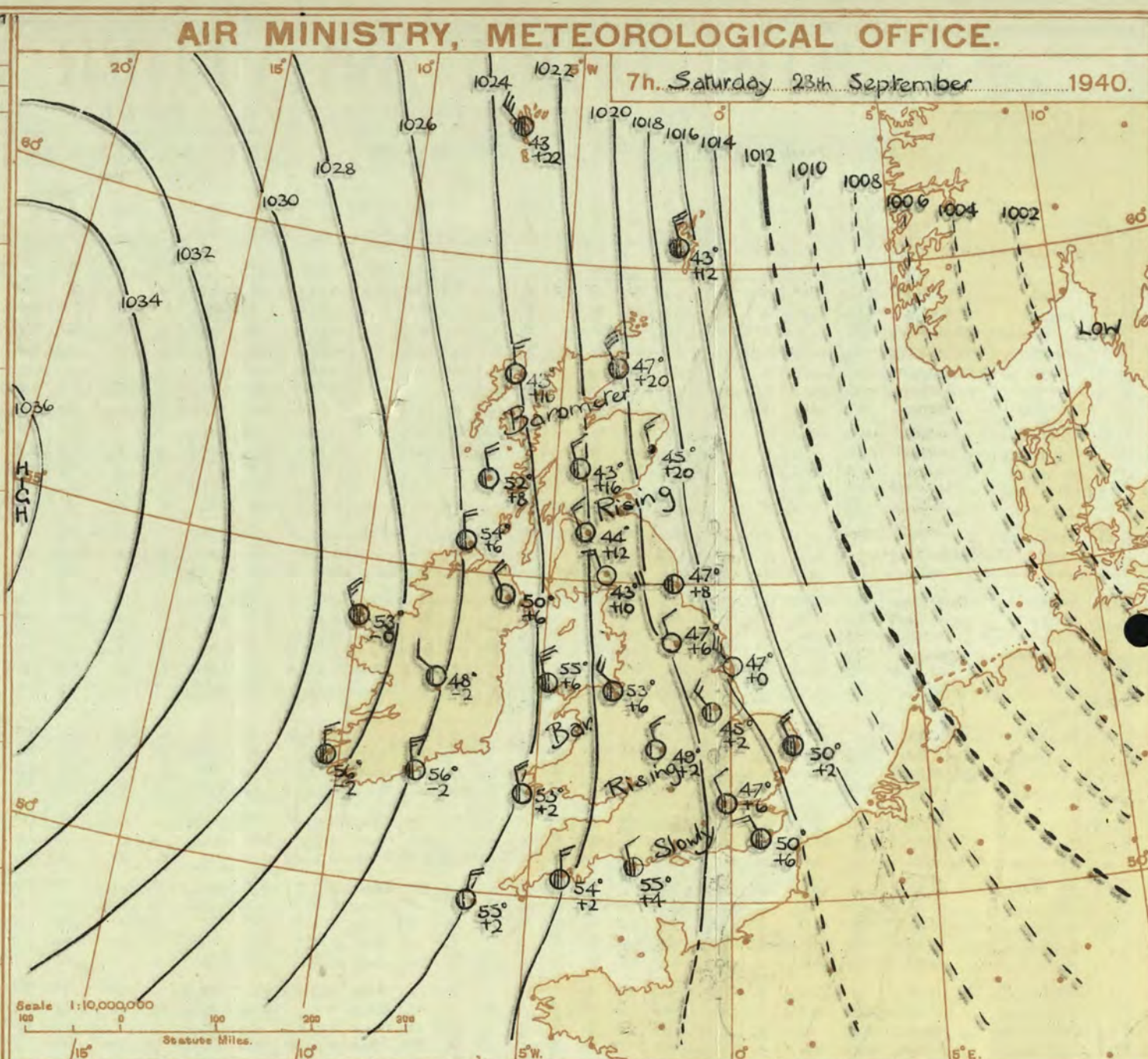
Visibility. F = Force of wind—See page 4.

DD

=

Direction of wind (S = E, 16 = S, 24 = W, 32 = N).

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, C<sub>h</sub> = Form of low and medium cloud—See page 1.  
 V = Visibility. F = Force of wind—See page 4.  
 DD = Direction of wind (S = E, 16 = S, 24 = W, 32 = N).



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th September
1 S.E. England	Moderate northwest to north wind; fair or fine; average temperature
2 E. England ...	
3 E. Midlands ...	Moderate or fresh northwest to north wind; bright intervals and local showers; rather cool.
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	As 1
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 2
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate northwesterly wind; fair; average temperature.
13 { A. W. Scotl <sup>d</sup> . B.N.W. Scot- land.	Fresh or strong northwest to north wind, moderating later; occasional showers and bright intervals; cool.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	Moderate northwest to north wind, becoming light; fair or fine; average temperature
19 S. E. Ireland	
20 S. W. Ireland	

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

#### GENERAL INFERENCE.

A large anticyclone situated to the West of the British Isles is spreading eastwards. Weather will be fair or fine in the South and West, but there will be local showers in Northeast Scotland and near the east coast of England.

#### FURTHER OUTLOOK.

Fair or fine over England, Wales and Ireland, becoming unsettled in Scotland. Gale warning still in operation North Eastern districts and Dogger area.

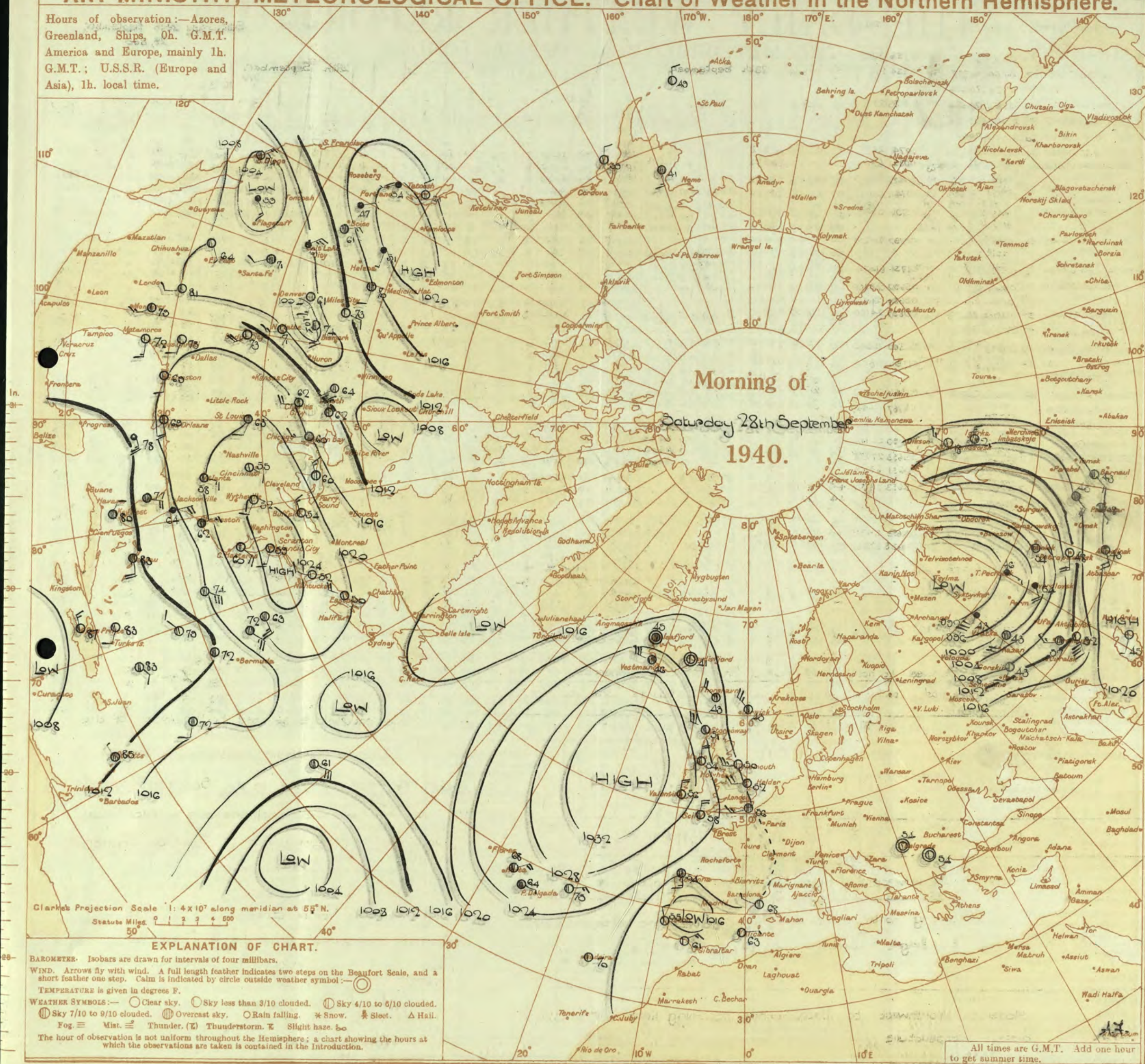
Forecasts issued at 10.30 G.M.T.  
 H.M.S.O. Press, Cornwall House, S.E. 1.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 28th September, 1940.

No. 28,800

OBSERVATIONS at 1 hr. G.M.T. 28th September.															OBSERVATIONS at 7 hr. G.M.T. 28th September.															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.			SUNSHINE 27th Hrs. (36)				
					Dir.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Dir.			Force.	Form.					Amount.	Height of Base. (feet) (27)	Max. Day 7h-13h °F. (31)	Min. Night 13h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-13h mm. (34)	Night 13h-7h mm. (35)								
																																Low. (9)	Med. (10)	High (11)		Low 0-10 (12)	Total 0-10 (13)	Low 0-10 (12)	Total 0-10 (13)
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Stmnt.) ... Lympe ... Manston ...	18 217 226 417 8 346 164	1020.6 1021.1 1019.5 1019.0	-6 -4 -6 -10	N W W WNW	2 2 2 4	Zo Zo Zo Zo	56 55 58 50	75 85 85 85	6 6 5 6	5 5 5 5	- - - -	- - - -	9 4.6 10 10	9 4.6 10 10	2500 3000 2500 2000	1019.8 1019.8 1021.1 1020.3 1019.4 1019.4	+2 +6 +6 +2 +6 +6	NW NW NW NW NW WNW	2 2 3 4 3	Zo bc c Zo c	50 47 48 53 50 52	85 97 75 75 85 85	6 6 8 6 6 7	- - - - - 3	- - 2 4 7 6	2 0 2.3 9 9 Tr	2.3 1.6 4.6 7.8 3500 3500	- - - - - - - -	1 0 0 0 1 1	2 2 2 2 2 2	65 65 68 66 65 63	50 47 46 47 51 48	43 43 38 42 47 44	- - - - - - -	- - - - - - -	4.3 5.5 5.8 4.9 6.4 5.1		
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	11 15 5 19 240	1018.1 1017.0 1018.2 1019.4	-4 -2 -2 0	NW NW NW WNW	4 4 3 4	Zo c Zo Zo	56 56 53 50	85 85 85 85	6 6 6 6	5 5 5 -	- - - -	- - - -	2.3 7.8 4.6 0	2.3 7.8 4.6 0	3000 1500 4000 -	1018.8 1018.2 1017.5 1018.8 1019.9	+6 +2 +2 +6 +2	NW NW NW NW NW	2 3 3 3 3	c Zo Zo Zo Zo	48 49 50 46 45	85 85 85 85 85	6 6 6 6 6	- - 8 7 -														



SECRET

Page 1.

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

BRITISH SECTION

Sunday 29th September, 1940.

No 28, 801.

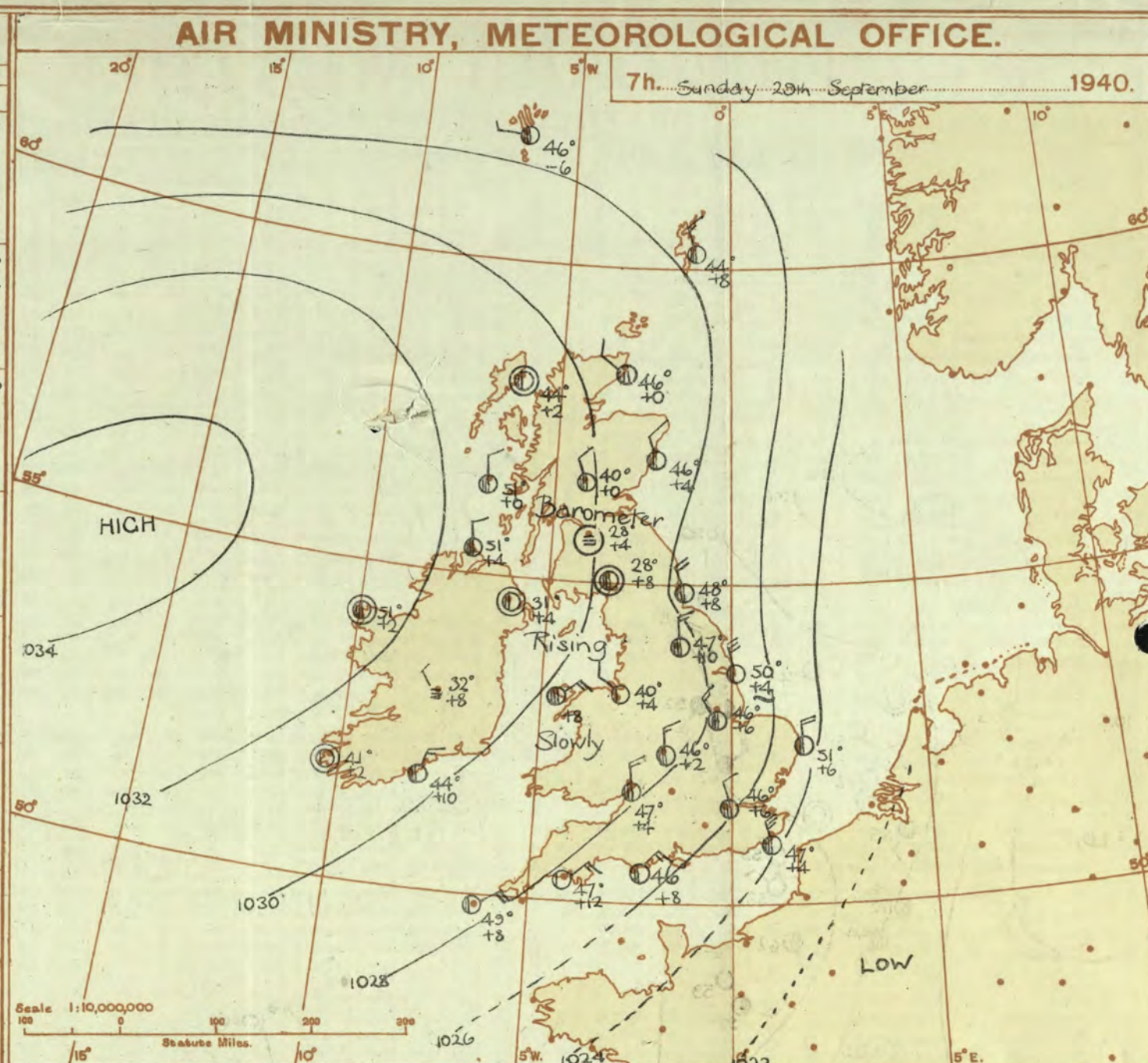
OBSERVATIONS at 13h. G.M.T. 28th September.														OBSERVATIONS at 18h. G.M.T. 28th September.														PAST 24 HOURS.																																																																																																																																																																												
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. Dir. (3)	Force. (4)	Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visib. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. Dir. (17)	Force. (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.				Barom. at M.S.L. (25)	Change in 3 hours. (26)	Wind. Dir. (27)	Force. (28)	Weather. (29)	Temp. °F. (30)	Humid. % (31)	Visib. 0-9 (32)	WEATHER.																																																																																																																																																																						
										Form.			Height of Base. (feet) (14)									Form.			Height of Base. (feet) (28)									Form.			Height of Base. (feet) (32)	7h.—18h. 28th																																																																																																																																																																		
										Low.	Med.	High										Low	Med.	High										Low	Med.	High		Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High	Low	Med.	High																																																																																																																																											
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lymington ... Manston ...	1017.6 1019.0 1019.8 1019.3 1018.8 1019.0	0 -4 +6 -10 -2 -2	NNE NW N N NNW NW	3 4 5 4 4 4	c z bc bc bc bc	57 60 59 60 60 58	45 48 55 65 65 65	7 6 7 7 7 7	8 8 8 1 1 2	- - - - - -	- - - - - -	7-8 7-8 7-8 7-8 4-6 4-6 4-6 4-6 4-6 4-6 4-6 4-6	2500 3500 3000 4000 4000 4000	1021.9 1021.0 1022.0 1021.9 1021.2 1020.0	+2.0 +1.8 +1.6 +1.6 +2.0 +6	NW N NNE NNE N N	3 4 3 3 3 5	b z bc bc bc bc	50 50 52 49 55 48	65 65 55 55 55 75	7 6 6 7 5 8	5 4 4 4 3 8	- - - - - -	- - - - - -	1 2-3 4-6 4-6 Tr 2-3 2-3 2-3 Tr Tr 4-6 4-6	2500 2500 4500 4000 5700 3500	1 0 0 0 0 0	*	bcb mpcy bcm bcm bcm cm, bc cm, bc	cbcyb zcyb bcm bcm bcm bcm	b b b b b b	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm bcm bcm bcm	bcb bcm bcm



Abridged observations of additional stations in the AVIATION WEATHER CODE													
13h. G.M.T. 23th Sept...18h. G.M.T.						01h. G.M.T. 25th Sept...07h. G.M.T.							
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN		
109	8	81846	64686	5	10746	30526	5	01753	26353	5	02957	27457	
115	52	02854	32426	52	02854	32326	52	02844	32227	51	02854	28325	
203				7	01853	32313							
206	5	02865	30215	5	02867	32127	5	02858	00028	5	02967	28227	
210										5	02958	29228	
220				00	00890	30200				20	01863	00003	
230				04	00890	28303	00	00890	00000	50	00971	00002	
245	84	01953	65784	53	01864	32425	50	00853	02423	50	01952	25614	
260	8	02856	30316	40	01864	32114	00	08490	00000	00	05690	00014	
277	10	00862	28512	40	00861	06312				70	01952	00003	
279					01774	32314		00890	02300	--	00790	00000	
285	20	02845	30515	2	81746	30386							
288	3	05656	32526	80	25645	31485	52	21645	31388	5	05656	30326	
273	37	01763	32515										
301	10	01764	04304	40	01764	02314	50	05662	00012	40	00863	02103	
321	8	02756	63626	8	02763	31425	5	05565	28315	5	02768	30528	
299	8	81647	63787	00	01735	30715				87	28744	30685	
292	84	02754	32515	5	02846	32386				5	02857	32317	
310													
316	8	02756	65416	8	25755	32486	5	00662	32312	5	02667	32357	
338	20	02755	02685	40	01844	02314	50	00761	26201	50	01964	00014	
334		02755	32515		01772	32302							
340				40	01863	28213	50	05664	32214	5	02866	30326	
136	57	25844	62587	86	81648	32486				8	10856	27386	
336		01852	32415		01852	04514							
350	10	01764	32414	50	02855	32415				53	05645	01315	
368	40	01864	01214	40	00862	02312		00	05690	09300	62	02865	30127
379								00	05690	09300	62	02865	30127
390				84	02753	32513		50	05654	32314	5	21638	30358
382								00	05690	30300	53	02755	30326
438	50	02756	02426							55	02743	06414	
430	10	01765	32415					00	05690	32300			
409	50	05753	32513	14	01753	01613	00	05690	03400	50	00753	07203	

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<sub>h</sub> = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C<sub>M</sub> = 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. Sunday 29th September
1 S.E. England	Light or moderate north wind, fresh at first on East coast; cloudy, local drizzle chiefly near East coast; cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Light or moderate north or northeast wind, fair with variable cloud, rather cool.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1-3
10 N.E. England	
11 S.E. Scotland	Light northwest wind; fair, local valley fog night and morning, rather cool; ground frost at night.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	Light northwest wind backing west and freshening; cloudy, occasional drizzle, temperature rising somewhat.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	As 4-8
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	



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

#### GENERAL INFERENCE.

An anticyclone remains centred off West Ireland and a depression north of Iceland will move east and then southeast but will have little effect on the British Isles except the extreme North. Weather will be dry except local drizzle near the East coast and in North Scotland, but there will be much cloud in the East and Midlands.

#### FURTHER OUTLOOK.

No important change, tendency for drought probably continuing for a few days except in North Scotland.

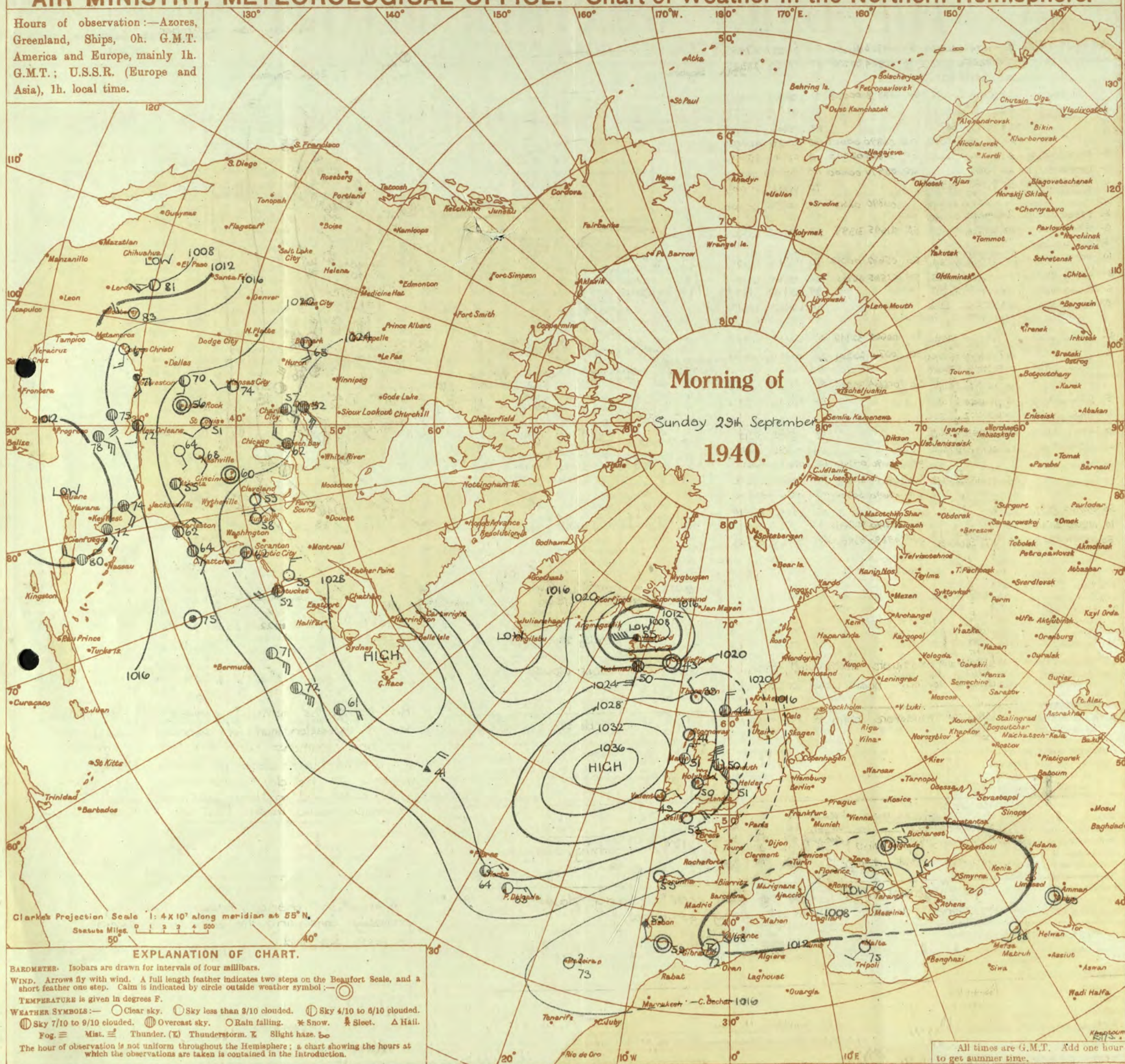
Forecasts issued at 1030 G.M.T.  
 H.M.S.O. Press, Cornwall House, S.E.1.

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



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

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





# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 22nd September														OBSERVATIONS at 7 hr. G.M.T. 22nd September														PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at 1 hr. M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			Barom. at 7 hr. M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			Barom. at 7 hr. M.S.L.	Change in 3 hours.	TEMPERATURE.					RAINFALL.		Sun- shine 24th Hrs.			
					Dir.	Force.					Form.	Amount.	Height of Base (feet).			Dir.	Force.					Form.	Amount.	Height of Base (feet).			State of Ground.	Sea.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.				
																																			(1)	(2)	(3)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1026.3	+6	NW	2	20	47	85	6	5	-	-	94	94	1500	1	*	58	43	30	-	-	7.8			
	Croydon	217	1024.6	*	NNW	3	20	*	*	*	*	2500	1025.7	+6	NNW	2	20	46	97	6	5	-	-	9	10	800	1	*	60	43	41	-	0.5	7.2			
	S. Farnborough	226	1026.3	+10	W	1	38	92	7	-	-	-	0	1027.1	+6	NNW	2	20	43	92	6	5	3	-	4.6	94	4000	0	*	60	36	27	-	-	7.0		
	Boscombe Down	417	1026.4	+6	NW	3	37	92	6	-	-	-	0	1027.8	+12	NNW	3	20	40	97	6	5	-	-	2.3	2.3	5700	0	*	59	37	34	-	-	7.1		
	Calshot (Stmnt.)	8	1025.3	+10	N	3	46	85	6	-	-	-	0	1026.1	+6	N	4	20	45	85	6	1	4	-	Tr	Tr	2500	0	1	61	43	41	-	-	7.8		
	Lymington	346	1023.0	+4	NNW	5	44	92	8	5	-	-	Tr	1023.9	+4	NNW	5	4	47	92	7	5	-	-	7.8	7.8	1200	1	3	58	42	40	-	-	7.8		
Manston	154	1023.6	+6	NW	5	50	85	7	4	-	-	Tr	1024.9	+8	NNW	5	4	50	85	7	5	-	-	9	9	1200	0	*	58	42	40	-	-	7.8			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1024.2	+4	NW	2	20	48	92	8	5	-	-	2.3	2.3	1500	0	*	61	43	37	Tr	-	6.6			
	Felixstowe	15	1023.2	+2	NNW	3	47	85	8	5	-	-	2.3	1024.1	+4	NW	3	20	46	97	8	5	-	-	1	1	2000	1	2	59	44	41	-	0.1	6.6		
	Gorleston	5	1021.9	+4	N	4	52	85	7	8	-	-	7.8	1023.5	+6	N	4	20	51	75	7	8	-	-	4.6	4.6	1500	1	3	56	50	45	-	0.6	7.0		
	Mildenhall	19	1024.4	+6	NW	3	45	92	7	5	-	-	9	1025.5	+6	NNW	3	20	45	97	6	8	-	-	4.6	4.6	1000	1	*	59	45	38	Tr	1	7.0		
	Cranwell	240	1026.5	+6	NNW	4	45	92	7	5	-	-	4.6	1027.4	+6	NW	3	20	46	92	6	5	-	-	9	9	2000	0	*	56	44	42	Tr	Tr	6.6		
	Birmingham	535	1026.4	+10	NE	2	41	92	7	-	-	-	0	1028.5	+2	N	3	20	46	75	6	5	-	-	9	9	1500	0	*	58	45	38	-	-	7.3		
Upper Hayford	408	1026.4	+10	NE	2	41	92	7	-	-	-	0	1028.5	+2	NW	3	20	46	75	6	5	-	-	9	9	1500	0	*	58	45	38	-	-	7.3			
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1028.0	+4	N	3	20	47	75	8	5	-	-	9	9	4000	0	*	61	43	38	-	-	5.0			
5	Hartland Point	299	1026.5	+14	NE	4	51	65	8	1	-	-	Tr	1028.0	+12	NE	4	20	50	75	8	5	-	-	4.6	4.6	2000	0	3	58	49	46	-	-	6.6		
	Bristol	209	1027.6	+10	NE	1	41	85	6	-	-	-	0	1028.7	+10	N	1	20	48	85	6	5	-	-	9	9	3300	0	*	62	39	27	-	-	7.0		
	Portland Bill	32	1025.5	+12	NE	3	50	85	8	5	-	-	2.3	1026.8	+8	NE	3	20	46	92	8	5	-	-	4.6	4.6	4000	0	3	57	45	*	-	-	8.8		
	Plymouth	82	1026.3	+20	E	3	49	65	6	-	-	-	0	1027.9	+12	NE	3	20	47	75	8	1	-	-	Tr	1	2500	0	1	61	46	40	-	-	8.2		
	The Lizard	240	1025.8	+12	NE	5	51	65	8	-	-	-	0	1027.6	+10	NE	4	20	47	75	8	4	-	-	2.3	2.3	2500	0	2	63	46	*	-	-	8.2		
	Scilly (St. Mary's)	163	1025.8	+14	ENE	4	53	75	7	-	-	-	0	1027.4	+8	NE	4	20	49	75	8	4	-	-	2.3	2.3	1500	0	3	60	48	*	-	-	7.8		
Guernsey	175	1025.8	+14	ENE	4	53	75	7	-	-	-	0	1027.4	+8	NE	4	20	49	75	8	4	-	-	2.3	2.3	1500	0	3	60	48	*	-	-	7.8			
6	Pembroke	142	1026.9	+14	NE	3	47	85	7	-	-	-	0	1029.8	+10	NE	3	20	45	75	8	2	-	-	2.3	2.3	2500	1	1	60	48	*	Tr	-	6.8		
	Holyhead	26	1029.0	+14	ENE	1	50	75	8	5	-	-	7.8	1029.7	+8	NE	3	20	45	75	8	7	-	-	1	1	4000	0	1	62	48	40	-	-	5.6		
7	Chester (Sealand)	16	1028.7	+8	NNW	2	43	85	6	5	-	-	Tr	1029.5	+4	NNW	2	20	40	85	6	5	-	-	Tr	1	4000	0	*	58	37	28	-	-	6.2		
	Manchester	70	1028.3	+6	NNW	1	42	85	6	5	-	-	9	1029.4	+6	NNW	3	20	43	75	8	5	-	-	2.3	2.3	3300	0	*	57	39	31	-	-	6.8		
10	Spurn Head	29	1024.2	0	NNW	6	51	85	6	4	-	-	7.8	1026.1	+4	NNW	6	20	50	85	7	6	-	-	4.6	4.6	2500	1	4	58	49	*	Tr	Tr	2.8		
	Catterick	175	1028.2	+8	N	3	48	75	6	5	-	-	10	1029.1	+10	N	3	20	47	75	8	5	-	-	9	9	2500	1	0	52	47	43	Tr	-	4.5		
Tynemouth	108	1027.2	+4	N	8	50	75	7	6	-	-	9	1027.9	+8	NNW	4	20	48	75	7	8	-	-	9	9	2800	1	3	52	47	42	Tr	0.3	*			
11	St. Abbs Head	280	1028.4	+10	N	6	49	75	8	5	-	-	4.6	1028.6	+4	NW	3	20	49	75	8	5	-	-	7.8	9	2500	0	2	50	45	*	Tr	-	*		
	Leuchars	36	1029.4	+8	NW	1	43	85	8	-	-	-	0	1030.7	+4	-	0	28	97	3	-	-	-	-	1	0	2.3	-	1	55	28	23	-	-	10.1		
12	Renfrew (Abbots L.)	19	1030.1	+6	-	0	34	85	5	-	-	-	0	1031.2	+8	-	0	28	97	3	-	-	-	-	4	9	0	7.8	-	3	52	27	20	-	-	7.8	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1029.7	+2	S	1	20	40	97	8	4	-	-	4	9	0	7.8	-	3	52	27	20	-	-	9.3	
Point of Ayre	30	1029.4	+14	NNW	4	50	85	8	-	-	-	0	1031.2	0	N	2	20	45	85	8	5	-	-	9	9	2500	0	2	55	48	*	-	-	8.8			
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1030.2	+2	-	0	44	92	7	5	-	-	-	4.6	4.6	3000	1	0	54	41	-	-	-	10.6		
13B	Stornoway	80	1030.3	+2	NNW	1	41	92	7	5	-	-	1	1030.2	+2	-	0	44	92	7	5	-	-	-	4.6	4.6	3000	1	0	54	41	-	-	-	10.6		
15	Dalwhinnie	1170	*	*	*	*	*	*	*	*	*	*	*	1029.4	+4	NNW	2	20	40	85	8	5	-	-	9	9	2500	0	*	52	40	39	-	-	5.0		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1029.4	+4	NNW	2	20	40	85	8	5	-	-	9	9	2500	0	*	52	40	39	-	-	5.0		
16	Wick	81	1029.0	+4	NW	3	46	75	8	5	-	-	9	1029.2	0	NNW	2	20	46	85	8	5	-	-	9	9	1500	1	1	51	45	*	Tr	Tr	*		
	Lerwick	156	1027.0	+4	NE	4	44	92	7	5	-	-	4.6	1027.9	+8	NNW	3	20	44	85	8	5	-	-	7.8	9	800	1	*	49	43	*	Tr	0.1	2.9		
17	Blacksod Point	18	1031.6	+6	N	2	52	92	8	-	-	-	2.3	1031.7	+2	-	0	51	92	8	-	-	-	-	0	9	-	0	2	58	47	*	0.4	Tr	5.6		
	Malin Head	84	1030.5	+2	NNE	3	51	92	8	4	-	-	2.3	1030.8	+4	N	2	20	51	92	8	8	-	-	4.6	7.8	5700	0	2	58	46	*	Tr	-	7.3		
Aldergrove	268	1030.6	+8	-	0	34	97	7	-	-	-	0	1031.0	+4	-	0	31	97	7	-	-	-	-	1	0	2.3	-	3	57	30	8	-	-	7.3			
19	Birr Castle	173	1030.3	+12	ENE	2	49	85	8	5	-	-	Tr	1032.0	+8	NW	1	20	45	85	8	5	-	-	5	0	2.3	-	0	63	32	29	-	-	4.6		
	Valentia Obay.	30	1029.0	+12	ENE	2	49	85	8	-	-	-	0	1030.6	+2	-	0	41	92	3	-	-	-	-	4	0	Tr	-	0	61	40	32	-	-	7.5		
20	Roches Point	22	1029.2	+14	NNE	2	49	85	8	-	-	-	0	1030.3	+10	NNE	3	20																			



# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Monday 30th September, 1940.  
No. 28, 802...

OBSERVATIONS at 13h. G.M.T. 29th September														OBSERVATIONS at 18h. G.M.T. 29th September														PAST 24 HOURS.								
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	WEATHER.								
				Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.			Force.	Form.					Amount.	Height of Base (feet).	7h.—13h. 29th	13h.—18h. 29th			18h.—24h. 30th	1h.—7h. 30th							
																														Low.	Med.	High.	Low.	Med.	High.	Low.
1	London (Kew)...	1026.2	-8	N	3	Z <sub>0</sub>	54	65	6	8	-	2+	2+	1500	1025.5	-4	NNE	4	c	53	65	7	5	-	-	10	10	1500	1	*	cid, m, cz	cz, c	cbcc	bcmow		
	Croydon ...	1026.2	-4	N	2	Z <sub>0</sub>	53	75	5	5	-	2+	2+	1600	1024.8	-4	N	4	ir	53	65	5	5	-	-	7-8	10	2000	1	*	cmr, m, c	cmr, c	cbcm	bcmow		
	S. Farnborough	1026.7	-10	N	3	c	53	63	7	7	3	-	2+	2+	3500	1026.6	-2	NW	3	c	52	63	7	5	-	-	2+	2+	3000	0	*	cmr, c	c	cbcm	bcmow	
	Boscombe Down	1027.4	-2	NNE	4	c	52	65	7	5	-	2+	2+	2700	1026.5	-2	N	3	c	50	65	7	5	-	-	2+	2+	3000	0	*	bcpr, c	c	cbcm	bcmow		
	Calshot (Soton.)	1026.4	-6	NNE	4	c	56	65	8	8	-	7-8	7-8	3500	1025.5	-4	N	4	bc	53	65	7	5	3	-	1	2-3	7200	0	2	bcm, bcc	cbcb	b, cb	b, cbcb		
	Lympne ...	1024.6	-2	N	4	ir	54	75	8	2	6	-	7-8	7-8	1800	1024.0	+2	N	3	c	50	85	7	2	6	-	4-6	7-8	1200	0	*	bcm, bcc	cbcb	b, cb	b, cbcb	
	Manston ...	1020.1	-4	N	4	c	57	75	8	3	3	-	4-6	4-6	2000	1024.4	-2	N	4	c	53	75	7	7	6	-	4-6	7-8	2300	0	*	bcm, bcc	cbcb	b, cb	b, cbcb	
2	Shoeburyness ...	1025.1	-10	NE	3	c	57	65	9	8	-	2+	2+	1500	1024.7	+4	NNW	3	c	51	85	8	5	4	-	4-6	7-8	1500	0	*	bcpr, c	bcpr, c	bcpr	bcpr		
	Felixstowe ...	1024.7	-4	N	4	bc	55	75	8	8	-	7-8	7-8	2000	1024.4	+4	NNE	3	c	53	75	8	8	-	-	7-8	7-8	2000	1	1	bcpr, c	bcpr, c	bcpr	bcpr		
	Gorleston ...	1024.2	-6	NE	4	c/pr	52	85	6	8	-	7-8	7-8	1500	1024.8	+4	NNE	5	bc/pr	53	75	7	8	-	-	4-6	4-6	1500	1	3	bcpr, c	bcpr, c	bcpr	bcpr		
	Mildenhall ...	1025.9	-6	NNW	4	c	56	65	8	8	-	2+	2+	2000	1025.6	+2	NNW	3	c	50	92	8	8	1	-	2+	2+	3000	1	*	bcid, m, c	ccpr, c	c, bc, bw	b, b, c, bw		
	Cranwell ...	1027.7	-6	NW	4	c	52	85	7	8	-	2+	2+	1200	1027.7	+4	N	3	c	51	75	8	5	-	-	10	10	1500	0	*	cmr, c	c	c, bc	b, c, bc		
3	Birmingham	1028.5	-2	N	3	c	52	55	6	5	-	10	10	2500	1028.2	-4	N	3	c	50	65	6	5	-	-	10	10	2500	0	*	c	c	cb	cb		
	Upper Heyford	1027.6	-2	N	4	c	53	65	8	5	-	10	10	2500	1026.8	0	N	3	c	50	75	6	5	-	-	10	10	2500	0	*	bcpr, c	c	cb	cb		
4	Ross-on-Wye ...	1028.4	-4	NE	4	c	53	55	8	7	-	2+	2+	4000	1027.3	-24	WN	3	Z <sub>0</sub>	52	65	6	5	-	-	2+	2+	2500	0	*	cc	cy	cz	cbcm		
5	Hartland Point	1028.5	0	NE	3	m	53	65	1	7	-	4-6	4-6	2000	1027.0	-8	N	2	bc	53	75	8	4	-	-	1	4-6	2500	0	2	bcc	bc	b, bc	b, bc		
	Bristol ...	1028.5	-6	NNE	3	c	52	55	7	5	-	2+	2+	2500	1027.2	-2	NNE	1	Z <sub>0</sub>	52	75	8	5	-	-	2+	2+	4000	0	1	cmr, c	cz	b, bc	b, bc		
	Portland Bill ...	1027.1	+6	NNE	4	c	55	75	8	2	-	4-6	4-6	4000	1026.1	-4	N	3	c	52	75	8	5	-	-	7-8	7-8	4000	0	3	bc	c	b, bc	b, bc		
	Plymouth ...	1027.8	-2	NE	3	bc	56	55	8	4	-	2-3	2-3	3000	1026.9	-2	NE/N	3	b	53	65	8	1	-	-	4	4	3500	0	1	b, bc	b, bc	b, bc	b, bc		
	The Lizard ...	1028.0	0	ENE	3	bc	56	55	8	2	4	-	4-6	4-6	2500	1026.9	0	NE	3	bc	54	65	8	6	-	-	4-6	4-6	2500	0	1	b, bc	b, bc	b, bc	b, bc	
	Seilly (St. Mary's)	1028.7	+2	NE	4	bc	56	55	8	3	4	-	4-6	4-6	1800	1027.3	-2	NE/N	4	bc	52	65	8	8	4	-	4-6	4-6	1800	0	3	b, bc	b, bc	b, bc	b, bc	
	Guernsey ...	1028.7	+2	NE	4	bc	56	55	8	3	4	-	4-6	4-6	1800	1027.3	-2	NE/N	4	bc	52	65	8	8	4	-	4-6	4-6	1800	0	3	b, bc	b, bc	b, bc	b, bc	
6	Pembroke ...	1025.2	-4	ENE	3	bc	57	65	8	7	-	2-3	4-6	3500	1028.0	-2	NNE	4	c	52	75	8	1	7	1	1	7-8	3500	0	2	vbc	bcc	bcc	bcc		
7	Holyhead ...	1029.8	0	NW/N	2	bc	57	75	8	7	3	1	4-6	4-6	3500	1028.4	-2	NW	3	c, j	53	85	8	3	1	7-8	7-8	2000	0	1	bc	bcc	c	c		
	Chester (Sealand)	1030.0	-6	NE	3	Z <sub>0</sub>	53	65	6	5	-	5	7-8	7-8	3200	1028.8	-4	NNW	2	c	50	75	7	5	-	2	4-6	4	2000	0	*	bm, bc, Z	bcc, c	cz, m, c	cm, c	
8	Manchester ...	1029.5	-6	N	3	c	53	65	7	5	3	2	7-8	7-8	3100	1028.7	+2	N	2	Z <sub>0</sub>	51	65	6	5	3	-	2	4-6	4	2000	0	*	bc	bcc	cz, m, c	cm, c
10	Spurn Head ...	1026.9	0	NW/N	5	c, q	55	75	7	8	-	2+	2+	2500	1026.7	+2	NW	4	ir	50	85	7	5	-	-	10	10	1500	1	4	c, q, p	c, q, p	c, id, c, m	b, c, m, c		
	Catterick ...	1029.4	-2	NNW	3	c	51	75	7	5	-	2+	2+	3000	1028.9	-2	NW	2	c	49	85	7	5	-	-	10	10	2800	0	*	c	c	id, c, m	b, c, m, c		
	Tynemouth ...	1029.4	+2	N	4	c	51	75	7	8	-	2+	2+	2800	1029.4	+2	N	4	c	50	85	7	8	-	-	2+	2+	2500	1	2	c, p	c	id, c, m	b, c, m, c		
11	St. Abbs Head	1030.0	0	N	3	c	48	75	8	5	4	4	4-6	7-8	2000	1029.5	0	W	1	bc	47	75	8	4	4	2	2-3	4-6	2500	0	1	c	cb	bcc	bcc	
	Leuchars ...	1030.2	-2	SE	2	bc	54	65	8	1	7	6	2-3	4-6	3500	1028.9	-6	SW	1	b	48	85	7	4	-	2	2-3	4-6	2500	0	1	c	cb	bcc	bcc	
12	Reufrew (Abbots L.)	1030.3	-6	ESE	1	b, f	55	65	4	-	-	0	0	-	1029.1	-2	W	1	bc	48	85	5	-	-	0	0	-	1	*	b, bc	b, bc	b, bc	b, bc			
	Eske Dalemuir	1029.7	+4	NE/E	1	bc	51	65	8	7	-	2-3	4-6	2500	1029.1	0	W	1	c	46	85	8	5	-	-	4	4-6	7-8	2500	0	*	b, bc	b, bc	b, bc	b, bc	
	Point of Ayre	1030.1	+2	SE/E	2	c	56	75	8	4	-	4	1	7-8	2500	1029.3	-4	-	0	bc	41	85	8	5	-	-	4	1	2-3	2500	0	0	b, bc	b, bc	b, bc	b, bc
13A	Tiree ...	1021.2	0	N	2	bc	54	85	8	2	-	4-6	4-6	4000	1030.3	0	NW	1	bc	51	85	8	1	4	-	4-6	4-6	3000	0	1	bc	bc	b, bc	b, bc		
13B	Stormway ...	1030.0	-4	-	0	c	47	65	8	5	4	6	2-3	7-8	3000	1029.7	-2	NNW	1	c	50	85	8	5	4	-	2-3	7-8	3000	0	1	bc	c	b, bc	b, bc	
15	Dalwhinnie ...	1030.1	-4	NNE	1	bc	50	65	8	1	-	2-3	2-3	2500	1029.0	-8	NW	1	b	51	65	8	-	-	0	1	-	-	0	*	bc	bc	b, bc	b, bc		
	Aberdeen ...	1029.9	-4	NW	2	c	51	75	8	5	-	2+	2+	4000	1029.2	-2	NNW	1	b	47	85	6	5	-	-	1	1	4000	0	1	c	c, bz	b, bc	b, bc		
	Wick ...	1029.4	-2	NNW	3	c/pr	49	75	8	5	7	-	7-8	10	2500	1028.5	0	WNW	2	bc	48	75	8	5	4	8	2-3	4-6	2500	1	1	c	c, bz	b, bc	b, bc	
16	Lerwick ...	1028.5	-2	NW	2	c	47	75	8	7	-	7-8	2	800	1027.7	-4	SW	2	bc	46	85	8	5	-	-	4-6	4-6	1500	0	*	c, ir	cb	b, bc	b, bc		
17	Blackod Point...	1031.8	-4	NNE	2	c	55	92	8	-	7	-	0	2+	-	1030.7	-8	N	2	c	53	92	8	-	-	0	2+	-	-	0	3	c	c	b, bc	b, bc	
18	Malin Head ...	1031.0	+2	NNE	2	c	53	75	8	8	-	5	4-6	7-8	5700	1029.8	-6	NW	2	c	52	75	8	8	-	-	7-8	7-8	4000	0	1	c	c	b, bc	b, bc	
	Aldergrove ...	1030.6	-4	NNW	2	c	53	65	8	5	-	2+	2+	3000	1029.6	-4	NNW	1	c	52	65	8	5	-	-	2+	2+	3000								



**AIR MINISTRY, METEOROLOGICAL OFFICE.**

7h. Monday 30th. September 1940

7h. Monday 30th September 1940.

20° 10' LOW 15° 10'

1012

1014

1016

1018

1020

1022

1024

1026

1028

5° W

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1800°

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1850°

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, Nh = Height and amount of low cloud—See M.O. 252.  
 N = Total amount of cloud—See M.O. 252.  
 C, Cm = Form of low and medium cloud—See page 1.  
 V = Visibility. F = Force of wind—See page 4.  
 DD = Direction of wind (S = E, 16 = S, 24 = W, 32 = N).

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Monday 30th September,
1 S.E. England	Light or moderate northeast wind, mainly cloudy, some bright intervals, rather cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light or moderate northeast wind, fair, rather cool.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light variable wind, cloudy but brighter locally, local morning fog, rather cool.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W.Scotland.	Light or moderate southwest wind, cloudy, local drizzle, milder.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7-12.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

The anticyclone off West Ireland is decreasing in intensity and a new anticyclone forming over the North Sea will move to Germany. A depression over Iceland will deepen and move east and pressure is also rather low over Spain. Weather will be quiet and dry except in the extreme north.

### FURTHER OUTLOOK

Quiet and dry except in the extreme north.

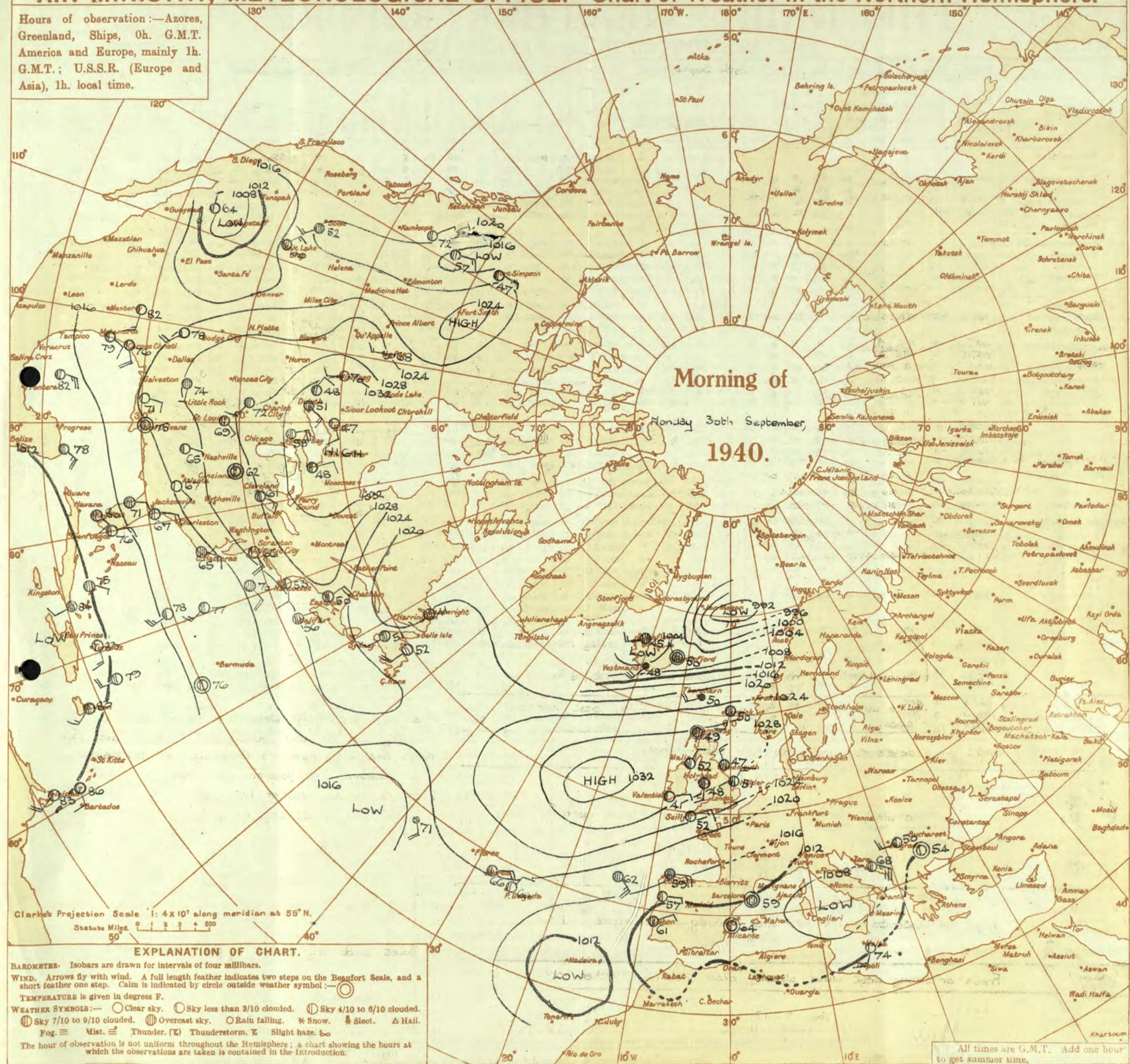
Forecasts issued at 10.30 G.M.T.  
H.M.S.O. Press, Cornwall House S.E.1.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 30th September														OBSERVATIONS at 7 hr. G.M.T. 30th September														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. (8)	Humid. % (7)	Visibility. 0-9 (9)	Cloud.			Barom. at M.S.L. (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 Hrs. (36)						
					Direc. (3)	Force. 0-12 (4)					Form. (10)	Amount. 0-10 (11)	Height of Base. (feet) (14)			Direc. (17)	Force. 0-12 (18)					Form. (23)	Amount. 0-10 (24)	Height of Base. (feet) (28)		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	*	*	*	*	*	*	*	*	*	*	*	1026.3	+4	NNE	2	20	45	85	5	5	3	-	7.8	7.8	2500	1	56	45	38	-	-	0.7				
	Croydon ... 217	*	*	*	*	*	*	*	*	*	*	*	1025.6	+4	-	0	41	97	4	5	5	-	-	9.1	9.1	3000	0	56	41	35	Tr	0.1	0.2				
	S. Farnborough ... 226	1026.3	+2	NNE	2	20	47	85	6	5	-	2.3	2.3	3000	1026.4	+4	-	0	43	97	5	5	3	-	-	9.1	9.1	1000	0	55	41	35	Tr	-	0.1		
	Boscombe Down ... 417	1026.8	0	-	0	20	43	92	5	5	-	1	1	2500	1026.2	+2	NNE	2	43	97	6	5	-	-	4.6	4.6	600	0	53	42	34	-	-	2.7			
	Calshot (St. Mary's) ... 8	1025.6	-2	NNE	4	40	49	85	7	5	-	1	1	3000	1025.2	+2	NNE	4	46	92	7	1	4	-	Tr	Tr	2500	0	56	45	42	-	-	3.7			
	Lymington ... 346	1024.5	+4	N	1	20	48	92	6	5	-	4.6	4.6	2500	1025.0	+6	NNE	1	44	92	7	5	-	-	4.6	4.6	2500	0	55	-	-	-	-	-			
	Manston ... 154	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.3	+4	NNE	2	40	92	7	5	-	-	4.6	4.6	2500	0	55	-	-	-	-	-			
2	Shoeburyness ... 11	*	*	*	*	*	*	*	*	*	*	*	1025.7	+6	N'E	2	46	92	8	8	4	-	7.8	9	2500	1	59	46	35	Tr	1	5.7					
	Felixstowe ... 15	1025.7	+4	NE	2	20	50	75	7	8	-	9	9	2000	1025.7	+2	NNE	3	47	92	8	8	-	-	9	9	2500	1	59	46	43	Tr	2	1.0			
	Gorleston ... 5	1025.9	+8	E'S	4	20	53	75	7	8	-	7.8	7.8	1500	1025.9	+4	E'N	3	52	65	7	5	-	-	7.8	7.8	2500	0	56	50	47	0.5	-	-			
	Mildenhall ... 19	1026.5	+2	N	2	20	43	97	7	5	-	1	1	4000	1026.4	+2	-	0	37	97	5	5	4	-	7.8	7.8	4000	0	57	32	27	Tr	Tr	2.8			
	Cranwell ... 240	1027.9	-2	NW	2	20	46	97	6	5	-	2.3	2.3	2500	1028.3	+6	NW	3	44	97	4	5	-	-	4.6	4.6	2500	0	53	41	40	-	-	0.9			
3	Birmingham ... 535	*	*	*	*	*	*	*	*	*	*	*	1028.2	+2	NE	2	49	92	3	5	-	-	9	9	450	0	53	41	30	-	-	0.0					
	Upper Heyford ... 408	1027.2	+2	N'E	3	20	44	97	6	5	-	2.3	2.3	2000	1027.1	+4	NNE	3	42	92	4	-	4	-	0	Tr	0	54	41	25	-	-	-				
4	Ross-on-Wye ... 223	*	*	*	*	*	*	*	*	*	*	*	1027.6	0	NW	1	42	92	6	5	-	-	9	9	4000	0	55	42	33	-	-	0.9					
5	Hartland Point ... 299	1027.0	-4	NE	1	20	51	75	8	8	-	4.6	4.6	2500	1026.0	-4	NE	4	51	85	8	5	-	-	7.8	7.8	2500	0	56	50	45	-	-	7.3			
	Bristol ... 209	1027.5	-6	NNE	2	20	49	75	5	5	-	10	10	4000	1027.5	+4	NNE	1	42	92	5	5	-	-	Tr	Tr	4000	0	53	41	31	-	-	0.2			
	Portland Bill ... 32	1025.7	-8	N	3	20	50	85	8	5	-	4.6	4.6	1000	1024.6	+4	NNE	4	48	82	8	5	4	-	4.6	7.8	1000	0	57	47	-	-	-	-			
	Plymouth ... 82	1027.1	-4	NNE	3	20	45	75	6	-	-	0	0	-	1025.7	-2	NE'N	2	46	85	8	5	-	-	Tr	Tr	1800	0	58	45	37	-	-	9.0			
	The Lizard ... 240	1026.8	-4	NE	3	20	49	75	7	4	-	2.3	2.3	2500	1025.8	-4	N	3	44	75	8	2	-	-	2.3	2.3	2500	0	57	43	-	-	-	10.3			
	Scilly (St. Mary's) ... 163	1027.4	-4	NE	3	20	52	75	8	8	-	4.6	4.6	1500	1026.0	-6	NE'S	3	51	65	7	8	2	-	7.8	9.1	1400	0	59	50	-	-	-	11.0			
	Guernsey ... 175	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.5	0	ENE	3	49	85	7	8	-	-	7.8	7.8	2500	0	59	47	45	-	-	8.5			
6	Pembroke ... 142	1028.5	0	ENE	3	20	49	85	7	8	-	7.8	7.8	2500	1028.1	0	SE'S	2	50	85	7	5	-	-	9.1	9.1	3500	0	59	47	45	-	-	7.0			
7	Holyhead ... 26	1028.9	0	SW	1	20	48	85	8	5	-	9.1	9.1	2700	1028.7	+2	-	0	48	85	6	5	-	-	9.1	9.1	3700	0	55	47	41	-	-	5.4			
	Chester (Sealand) ... 16	1029.2	-2	N'E	1	20	48	85	6	5	-	10	10	2500	1028.7	+2	NE	1	47	85	4	5	-	-	2.3	7.8	3700	0	55	46	43	-	-	-			
8	Manchester ... 70	1028.9	0	N'E	1	20	48	85	6	5	-	10	10	4000	1028.5	0	-	0	47	85	4	5	-	-	2.3	7.8	3700	0	55	46	43	-	-	-			
10	Spurn Head ... 29	1027.5	+2	N'E	3	20	51	75	6	4	-	7.8	7.8	4000	1027.2	0	N	3	52	75	7	4	4	-	7.8	9	4000	0	55	48	-	-	-	1.2			
	Catterick ... 175	1029.5	+2	-	0	20	46	85	6	5	-	7.8	7.8	3000	1029.0	+2	NW	1	47	85	7	5	-	-	10	10	2800	0	51	43	36	-	-	0.0			
	Tynemouth ... 108	1030.0	+2	NW	3	20	47	85	6	-	2	-	10	10	2500	1029.3	0	WNW	3	47	85	6	8	-	-	9.1	9.1	2600	1	51	46	44	Tr	Tr	-		
11	St. Abbs Head ... 280	1029.4	-2	SW	2	20	46	75	8	5	-	7.8	9.1	2000	1028.8	-2	WNW	1	46	75	8	5	2	-	7.8	10	2000	0	50	44	-	-	-	10.4			
	Leuchars ... 36	1029.5	+2	-	0	20	41	92	7	5	-	9	9	3500	1028.4	-2	WNW	2	39	92	7	-	7	-	0	2.3	-	0	57	38	29	-	-	7.4			
12	Renfrew (Abbots L.) ... 19	1029.9	+2	-	0	20	32	97	4	-	-	0	0	-	1029.1	-6	-	0	34	97	2	-	4	-	0	2.3	-	1	57	30	29	-	-	5.4			
	Eskdalemuir ... 794	*	*	*	*	*	*	*	*	*	*	*	*	*	1029.1	-12	-	0	40	92	8	5	-	-	9.1	9.1	7200	1	54	35	29	-	-	10.3			
	Point of Ayre ... 30	1029.4	0	SSE	2	20	51	75	8	5	-	9.1	9.1	2500	1028.8	-4	NW'W	2	49	85	8	5	-	-	9.1	9.1	4000	0	57	48	-	-	-	-			
13A	Tiree ... 22	*	*	*	*	*	*	*	*	*	*	*	1027.5	-2	WSW	2	50	92	8	8	-	-	9	9	1800	0	55	44	-	-	-	9.3					
13B	Stornoway ... 80	1028.1	-4	-	0	20	49	92	7	5	-	7.8	7.8	2500	1026.6	-6	SW	3	50	92	7	5	7	-	9	10	2800	0	57	45	-	-	-	6.8			
15	Dalwhinnie ... 1178	*	*	*	*	*	*	*	*	*	*	*	1028.4	0	ENE	1	37	92	8	3	4	-	1	2.3	2500	1	54	31	29	-	-	-	6.5				
	Aberdeen ... 79	*	*	*	*	*	*	*	*	*	*	*	1027.7	-6	NW	2	32	97	5	5	-	-	9	Tr	Tr	4000	1	52	31	29	-	-	1.8				
	Wick ... 81	1028.2	-4	WNW	2	20	40	97	7	5	-	2.3	2.3	2500	1026.8	-6	SW	1	32	97	5	8	4	-	4.6	4.6	2500	1	52	31	29	-	-	-			
16	Lerwick ... 156	1026.8	-2	SW'S	2	20	50	92	7	5	-	7.8	10	800	1025.1	-8	W'S	3	42	92	8	8	7	-	7.8	9	1500	1	49	47	-	-	-	2.0			
17	Blackod Point ... 18	1030.1	0	-	0	20	46	92	8	4	-	2.3	2.3	450	1028.8	-4	-	0	50	92	8	-	7	-	0	9.1	-	0	58	44	-	-	-	-			
18	Malin Head ... 84	1029.1	-2	N'E	1	20	52	75	8	4	-	4.6	7.8	5700	1028.1	-2	-	0	48	92	8	4	6	-	4.6	7.8	5700	0	54	46	-	-	-	1.1			
	Aldergrove ... 268	1029.8	0	-	0	20	48	85	7	5	-	10	10	2800	1029.1	-2	-	0	47	85	8	5	-	-	10	10	2000	1	54	46	44	-	-	3.1			
19	Birr Castle ... 173	1029.9	+2	ENE	1	20	48	85	8	5	-	10	10	2500	1029.3	-4	NW	1	47	85	8	5	1	-	7.8	10	1500	0	50	46	41	-	-	7.3			
20	Valentia Obay. ... 30	1030.0	0	NE'E	1	20	41	97	8	5	-	Tr	Tr	4000	1029.0	-6																					