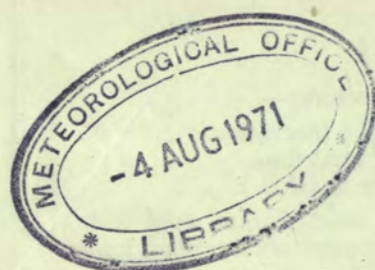


**SECRET**

**DUPLICATE**



# THE DAILY WEATHER REPORT

BRITISH SECTION

1st January to 31st March

1941



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

# INTRODUCTION

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

## NOTES REGARDING THE BRITISH SECTION.\*

**Description of each issue:**—The British section is issued daily by 5 p.m. (except that Sunday's issue is printed on Monday) and contains—

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

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

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

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

(e) On p. 2, a table of weather reports from Auxiliary Stations the positions of which are shown in the Map on p. III.

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

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

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

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

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

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

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

Sector.	Hour of Observation.
U.S.S.R. (approx. 170° E. to 30° E.)	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.)	1h. 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 5 p.m., but the issues for Saturday and Sunday are made on Monday. The "International Section" contains information received from the Continent of Europe, the Mediterranean Basin, Iceland and the Azores, and from ships on the Atlantic, arranged as follows :—

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

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

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

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

## THE BEAUFORT SCALE OF WIND FORCE

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

## GALE WARNINGS\*

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

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

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

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

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

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

▲ North Cone hoisted :

▼ South Cone hoisted :

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

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



**FORECAST DISTRICTS and the Counties comprised within them**

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

### 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.

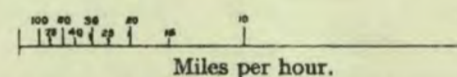
The wind at a height of 1,500–2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper 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  $\frac{1}{2}$  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  $1:4 \times 10^7$  Charts.  
or 2 mb " "  $1:10^7$  " "



This scale applies under the following conditions :—

Pressure, 1,015 mb. Temperature, 50° F. Latitude, 55°.

Corrections.—For an increase of 10 mb pressure, subtract 1% from velocity; for an increase of 10° F. add 2%. From Latitude 55° to Latitude 65° subtract 1% for each degree above 55°. From Latitude 55° to Latitude 45° add 1½% for each degree below 55°.

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

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

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

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

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

where  $x$  is the vapour pressure in mb.

$F$  the saturation vapour pressure at the temperature of the dry bulb ;  
For air temperatures below 32° F. the value of  $F$  used is that appropriate to an ice surface.

*f* the saturation vapour pressure at the temperature of the wet bulb ;  
For wet bulb temperatures below 32° F. the value of *f* used is that appropriate to an ice surface.

$t$  the dry bulb temperature ; and

 $t'$  the wet bulb temperature.

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

**Wind.**—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. Each feather denotes two steps on the Beaufort Scale; thus force 5 is indicated by two whole feathers and one half feather.

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

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

N.B.—Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Weather Map: An Introduction to Modern Meteorology," (2nd Edition, 1930), to be purchased from H.M. Stationery Office, York House, Kingsway, W.C.2, price 3s. 2d. post free. (Reprinted 1938.)

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

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY  
SUPPLEMENT,

February 1941 No. 290

Page 1.

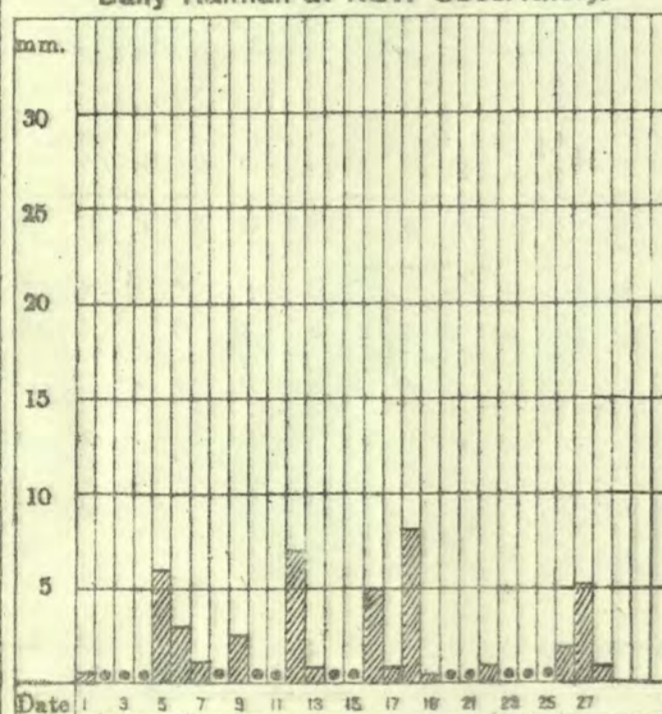
Changeable, much Snow.

The outstanding feature of this month as of January was the frequency of snow. The northeast part of the country had an abnormal fall on 13th and 20th. Colterick reported a depth of 15 inches, St Abbs Head 14 inches, Leuchars and Tynemouth 10 inches. A strong wind caused heavy drifting. The coldness of the month was mitigated by a mild spell from 6th to 15th and again at the end of the month, but temperature was below average. Frost was not especially severe in the South but there were some low temperatures in the North. At Dalwhinnie a figure of 8°F on 25th was the lowest of several low minima while Eskdalemuir recorded 12°F on 26th and Colterick 15°F on 5th. By way of contrast 55° was reached at several places on 7th and 8th and 57°F locally on 27th and 28th.

Precipitation was mainly above normal.

The month opened with low pressure over the North and cold north winds. A depression moving east-southeast carried heavy snowfall in Southwest England on 2nd, while snow spreading from northeast fell in Eastern districts. Another snowfall occurred over a large area ahead of an occluding warm front on 5th, but a thaw followed and a mild unsettled, southwesterly type prevailed till 15th. A depression moving eastward from the Azores became very deep on 15th on the Portuguese coast with pressure 960 mbs at the centre, and caused a severe gale in the Iberian Peninsula, said to be the worst for 87 years. The depression moved north-northeast to Scilly and after remaining about stationary for 24 hrs. and partly filling up, it moved to the North Sea and became somewhat deeper temporarily. Meanwhile pressure had become high over East Greenland and cold air from Northern Europe spread over the British Isles, while the depression was close to our East Coast, and this resulted in the heavy snowfalls previously mentioned, with smaller but appreciable falls in the Midlands and East Anglia. As the North Sea depression filled up, other depressions moved east-southeast over or near our Southwest coasts. Wintry weather lasted over most of the country till 26th, but a deep depression moving northeast in the Atlantic brought a mild southwest current over the country on 27th, with strong winds generally, reaching gale locally.

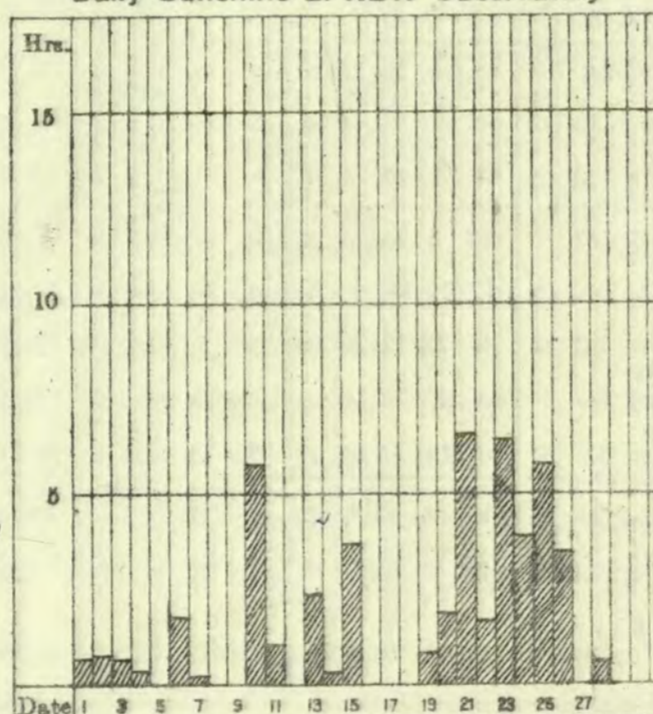
Daily Rainfall at KEW Observatory.



\* = Less than 0.5 mm.

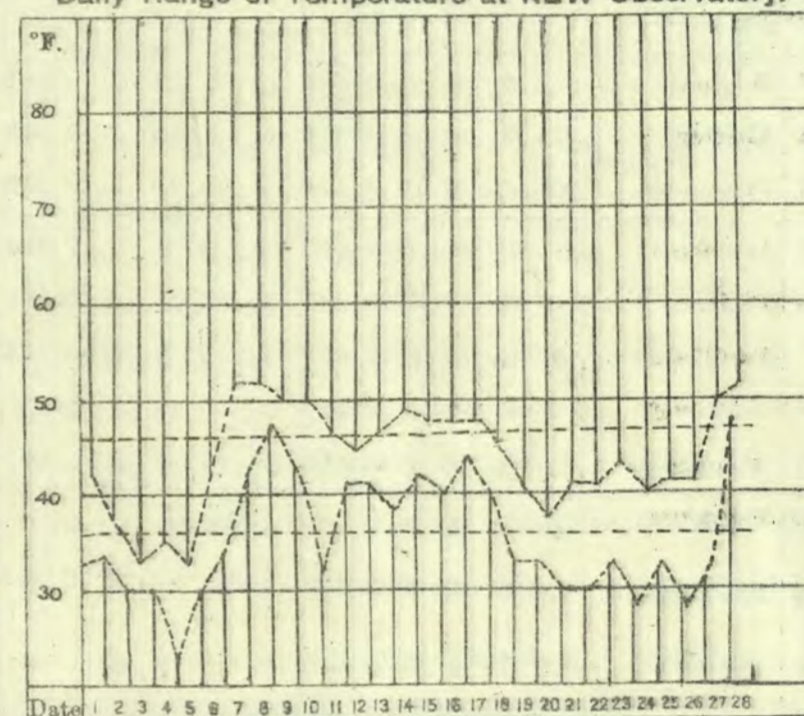
RAINFALL Total for Month. mm.

Daily Sunshine at KEW Observatory



SUNSHINE Total for Month. hrs.

Daily Range of Temperature at KEW Observatory.



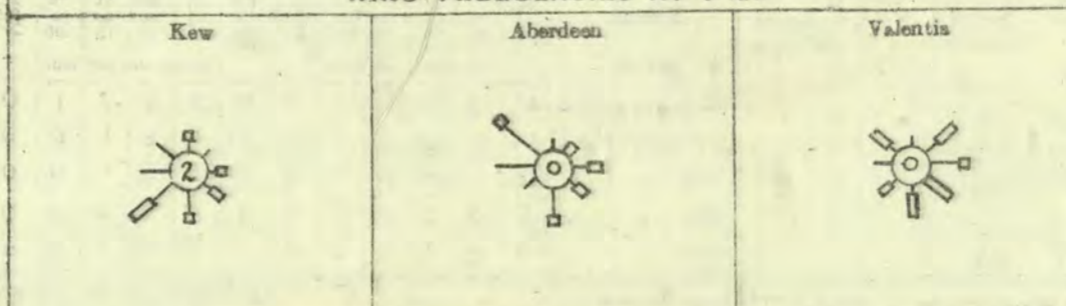
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1002.2	mb. -13.8	°F. 35.8	-1.3
Aberdeen	993.4	-11.2	36.5	-3.2
Valentia	1000.2	-13.2	42.9	-1.9

\* Pressure—The mean is for the 24 hours. It is derived from values at 7 h. and 15 h. only corrected.  
Temperature—mean of Max. and Min.

WIND FREQUENCIES AT 7 hr.



Forces 1-2 — ; 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	7015
Aberdeen	6241
Lerwick	12337
Valentia	

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

District.	STATIONS.	↑ TEMPERATURE.														LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																								
		Number of daily readings within fixed limits.						Extremes—Warmest and Coldest.						Number of observations within fixed limits.						Number of observations within fixed limits.																										
								Days.				Nights.																																		
		Maximum.			Average Maximum.	Minimum.			Average Minimum.	Highest Max.		Lowest Max.		Highest Min.		Lowest Min.		Number of Ground Frosts.	7 h.			13 h.			7 h.			13 h.																		
		32° or below.	33°-41°	42°-50°		51°-59°	60°-68°	23° or below		24°-32°	33°-41°	42°-50°	51°-59°	Highest Max.	Date.	Lowest Max.	Date.		Highest Min.	Date.	Lowest Min.	Date.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.					
1	London (Kew Obsy). Croydon  Thorney Island  Lympne	0 1 0 1	11 10 5 13	14 10 20 12	3 7 3 2	0 0 0 0	45.5 45.2  43.7	1 2 0 0	8 14 9 12	13 7 13 10	6 5 6 6	0 0 0 0	36.6 35.3  34.3	52 55  51	{ 28 28  { 28	{ 33 32  { 32	{ 5 5  { 5	48 49  47	28 28  23	23 20  24	5 5  5	16 14  14	1 10  8	24 13  15	0 0  1	2 4  7	25 24  20	0 4  3	23 21  17	0 4  5	21 21  22	1 1  1	0 4  3	1 5  13	0 5  17	0 0  13	0 3  2	1 4  3	1 5  17	0 0  0	1 3  2	1 5  13	0 0  0	1 4  2	2 5  17	4 8  17
2	Shoeburyness  Gorleston  Cranwell	0 0 0	8 15 15	17 10 9	3 3 4	0 0 0	43.6 44.2 44.0	0 0 3	11 12 14	5 2 9	0 0 2	34.6 36.2 33.6	54 55 53	28 { 28 8	33 { 33 33	3 3 { 5	48 49 48	28 9 28	25 28 19	5 { 5 5	5 26 23	17 14 17	5 13 15	17 8 6	0 0 1	2 13 9	23 13 14	0 8 8	19 13 19	0 17 8	22 8 13	1 0 0	2 2 7	3 2 3	2 2 7	4 0 3	0 0 0	1 1 3	11 7 7							
3	Birmingham (Edgbaston)	0	16	10	2	0	43.4	0	15	10	3	0	35.1	53	8 28	{ 33 { 33	{ 5 20	50	9	25	26	13	6	13	0	6	22	0	6	18	0	0	7	6	2	0	1	0	0	7						
4	Ross-on-Wye	0	11	11	6	0	45.4	0	11	12	5	0	35.8	55	7	34	5	50	9	24	26	16	3	20	0	3	25	0	5	22	0	0	0	2	12	0	0	0	1	18						
5	The Lizard	0	2	19	7	0	*	0	2	13	13	0	*	53	27	38	3	48	9	32	4	*	2	26	0	1	27	0	1	27	0	0	0	2	20	0	0	1	0	22						
7	Holyhead	0	9	18	1	0	45.6	0	3	13	6	0	33.3	53	7	38	{ 18 { 19	45	{ 28 { 24	23 26	5	8	19	1	4	22	1	3	25	0	0	0	0	3	18	0	0	0	0	22						
8	Chester (Sealand)	0	12	10	6	0	45.6	0	9	16	3	0	35.8	57	27	35	{ 10 { 13	49	9	26	26	15	3	20	0	7	19	0	6	15	2	0	0	1	3	5	0	0	0	3	12					
10	Tynemouth	0	17	10	1	0	44.1	1	10	15	2	0	36.8	52	8	33	5	45	9	23	26	11	5	21	1	3	23	0	3	22	0	0	0	0	3	4	0	0	1	2	4					
11	Leuchars	1	17	10	0	0	44.0	2	15	11	0	0	34.4	50	8	32	19	40	8	23	{ 23 { 26	16	10	15	0	8	15	0	8	15	1	0	0	0	3	8	0	0	1	1	12					
12	Renfrew	0	13	14	1	0	44.1	2	12	11	3	0	34.6	51	8	35	19	47	28	22	4	16	4	24	0	6	21	0	5	21	0	0	0	2	6	3	0	0	3	0	16					
	Eskdalemuir	4	16	8	0	0	41.1	7	12	9	0	0	31.5	47	8	30	19	41	28	12	26	16	19	7	0	14	12	0	13	13	0	0	0	4	2	9	0	0	2	1	12					
13	Stornoway	0	14	14	0	0	44.7	0	11	16	1	0	37.1	48	27	36	1	44	12	28	20	*	0	28	0	3	25	0	1	27	0	0	0	0	0	24	0	0	0	0	25					
15	Aberdeen	0	18	10	0	0	43.8	0	13	15	0	0	35.7	49	9	33	19	41	28	25	22	17	4	21	0	6	16	0	6	18	0	0	0	1	1	7	0	0	0	2	10					
18	Aldergrove	0	11	15	2	0	*	6	5	16	1	0	*	53	27	38	18	42	12	21	{ 21 { 29	15	3	22	0	3	24	0	2	25	0	0	1	1	1	17	0	0	0	0	21					
19	Birr Castle	0	8	15	5	0	46.8	2	10	11	5	0	36.3	57	27	36	4	47	8	22	25	15	0	21	0	0	24	0	0	23	0	0	0	0	1	27	0	0	0	0	28					
20	Valentia (Cabirciveen)	0	2	18	8	0	48.5	0	4	17	6	1	41.1	54	{ 7, 8 { 27.41	{ 17 { 20	51	8	28	4	7	3	23	0	3	25	0	4	23	0	0	0	0	0	25	0	0	0	0	26						

## UPPER AIR TEMPERATURE.

## UPPER WINDS.

No. of records of Velocity (km./hr.) within fixed limits.

Pressure. mb.	Normal Height. Feet.	MILDENHALL.			ALDERGROVE.			STATION		LYMPNE.						PLYMOUTH (Mt. Batten).						HOLYHEAD.						RENFREW.						STATION.	
		Normal Temp. °F.	Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Height. Metres.	*No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	*No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	*No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	*No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	Height. Metres.	
950	17 70	35.8	36.4	45	38.0	46			500 above ground.	42	3	24	11	0	0	14	3	8	2	1	0	28	8	17	3	0	0	53	24	24	4	0	0	500 above ground.	
850	4660	29.0	27.6	56	27.5	53			1000 above M.S.L.	34	2	22	5	0	0	10	3	6	1	0	0	23	7	8	6	0	0	41	16	22	3	0	0	1000 above M.S.L.	
750	7870	21.3	18.6	56	17.5	52			2000   "   "	18	1	10	5	0	0	5	1	3	1	0	0	10	5	4	1	0	0	14	7	6	1	0	0	2000   "   "	
650	11460	10.0	6.7	56	5.3	52			3000   "   "	6	3	3	0	0	0	2	0	2	0	0	0	7	4	3	0	0	0	7	4	3	0	0	0	3000   "   "	
550	15350	-4.4	-7.5	56	-8.8	52			4000   "   "	3	0	3	0	0	0	1	0	0	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	4000   "   "	

† The readings and averages used are the maximum for the period 7 h.-18 h., and the minimum for the period 18 h.-7 h.

\* Winds of 0-5 km./hr. are included in the number of observations.

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

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

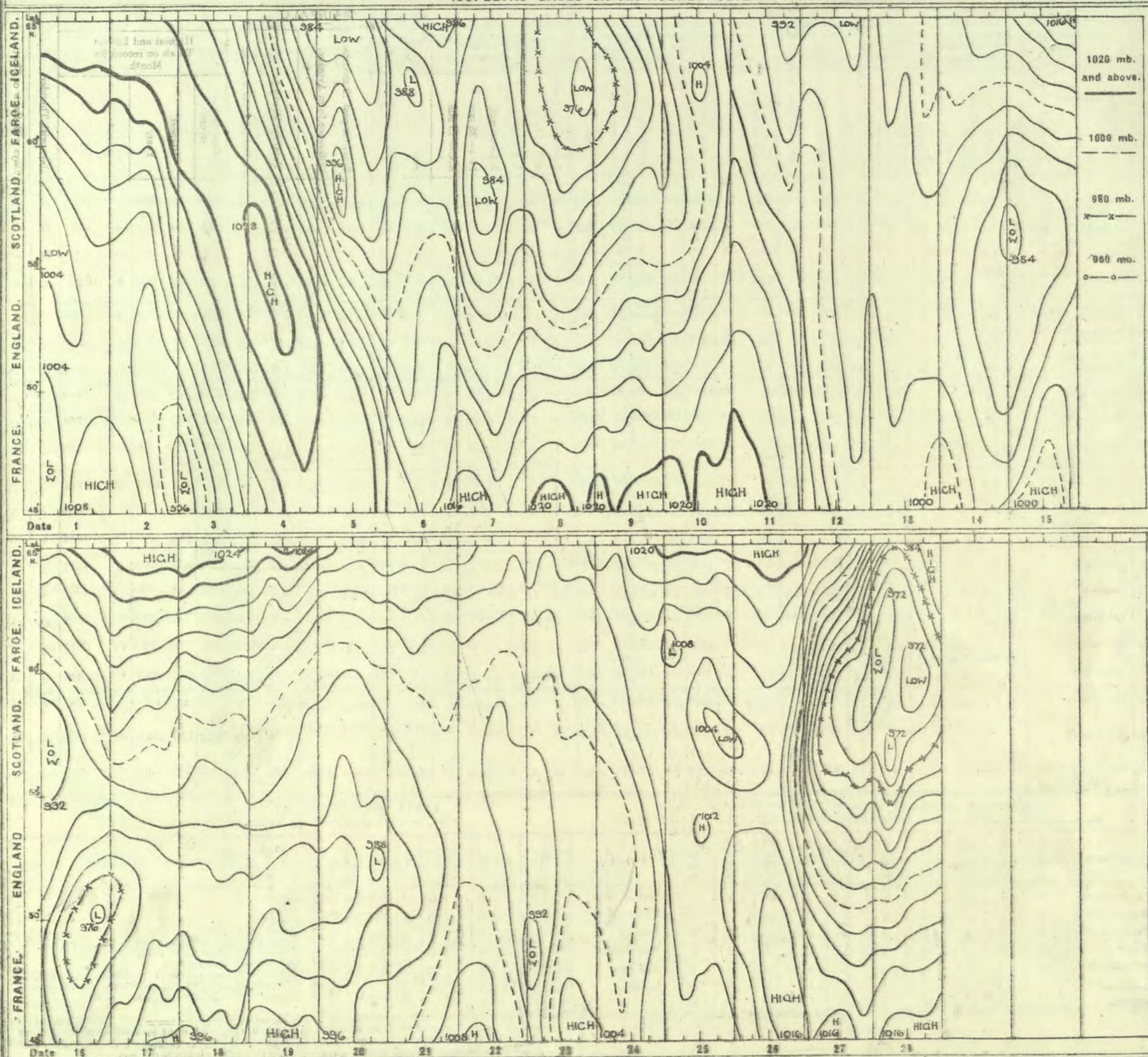


## PRESSURE: ICELAND TO GULF OF LIONS

February

1941.

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h., 7h., 13h., and 19h. are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 60° N., Long. 15° W., in the north; at Lat. 44° N., Long. 4° E., in the south.

SECRET

Page 1.

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Saturday, 1st February 1941.  
No. 28,926

OBSERVATIONS at 13h. G.M.T. 31st January														OBSERVATIONS at 18h. G.M.T. 31st January														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.							
				Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)			Total 0-10 (13)	Height of Base. (feet) (14)					Low. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base. (feet) (28)	7h.—13h. 31st (37)	13h.—18h. 31st (38)	18h.—1st 1st (39)	1h.—7h. 1st (40)		
1	London (Kew)...	30.0	0	NE/E	2	o/d	39	37	3	5	-	-	10	10	1500	1001.1	+12	NE/E	3	m	38	37	4	5	-	-	10	10	1500	1	*	ci	id	cs	o
	Croydon ...	30.0	-2	E	2	3	38	37	1	-	-	-	10	10	1500	1000.8	+12	NE	3	df	36	37	1	-	-	10	10	1500	1	*	ad	ff	F	id	
	S. Farnborough	30.0	-2	NE/E	3	3	38	37	2	-	-	-	10	10	200	1001.0	+12	NNE	3	of	36	37	2	5	-	-	10	10	200	1	*	ro	o	fo	fo
	Boscombe Down	30.0	-6	NE	2	2	39	37	3	-	-	-	10	10	1500	1001.2	+5	N/E	4	m	37	37	4	-	2	-	10	10	100	1	*	od	o	o	
	RAF Cranwell	30.0	0	NE	3	3	42	37	5	5	-	-	10	10	400	1001.4	+12	NE	3	fo	41	37	4	-	2	-	10	10	400	1	4	id	o	o	
	Lymington	1000.0	-2	E	3	3	39	37	4	-	2	-	10	10	200	1001.3	+12	E	2	df	38	37	3	-	-	10	10	1500	1	3	id	o	o		
	Manston	30.0	-8	E/N	3	3	39	32	5	5	-	-	2	2	600	1000.3	+8	ENE	2	m	38	32	4	5	-	-	10	10	700	1	*	id	o	o	
2	Shoeburyness ...	1001.9	-2	ENE	3	3	38	37	5	-	2	-	10	10	800	1001.5	+12	NE/E	3	o	37	32	5	-	2	-	10	10	800	1	*	om	ir	mo	o
	Felixstowe ...	1000.4	-8	SE/S	4	3	37	32	6	5	-	-	10	10	800	1001.3	+6	NE	3	2	37	35	6	5	-	-	10	10	2000	1	3	ro	id	ir	o
	Gorleston ...	1002.3	-6	E/S	4	3	36	35	6	5	-	-	10	10	1000	1003.3	+8	ESE	2	c	36	35	6	5	-	-	10	10	800	0	3	cz	zo	o	o
	Mildenhall ...	1001.0	-6	E	3	3	37	32	6	5	-	-	10	10	600	1001.9	+8	NE/E	2	id	36	32	5	5	-	-	10	10	500	1	*	ar	o	o	
	Cranwell ...	1003.4	-4	ENE	4	3	35	37	4	5	-	-	10	10	100	1004.0	+6	NE	3	rs	33	37	4	6	-	-	10	10	400	4	*	sm	o	o	
3	Birmingham	1001.7	+4	ENE	3	3	34	37	4	6	-	-	10	10	150	1003.3	+4	NE	2	df	34	37	2	6	-	-	10	10	150	1	*	ar	o	o	
	Upper Heyford	1000.6	+2	NE/E	4	3	35	37	3	5	-	-	10	10	200	1002.9	+12	NE/N	3	cf	35	37	3	5	-	-	10	10	200	1	*	ar	o	o	
4	Ross-on-Wye ...	1001.0	+4	NE	3	3	36	37	4	5	-	-	10	10	800	1002.9	+12	NE/N	3	m	35	37	4	5	-	-	10	10	450	1	*	ro	id	ir	o
5	Hartland Point	30.7	+12	NE	4	3	42	32	7	5	6	-	7-8	10	1500	1001.5	+22	NE	3	c	40	37	6	5	2	-	7-8	10	2000	1	3	mc	o	o	
	Bristol ...	1000.4	+10	NE	3	3	38	37	5	-	2	-	10	10	500	1002.4	+20	NE	3	dm	36	37	4	-	2	-	10	10	200	1	*	ar	o	o	
	Portland Bill	30.7	+4	NE	4	3	43	32	7	5	-	-	10	10	2500	1002.1	+22	NE	3	o	42	37	7	5	-	-	10	10	1500	1	4	orr	o	o	
	Plymouth	30.7	-18	E	3	3	45	32	7	5	-	-	10	10	1200	1000.7	+24	-	o	m	44	35	4	5	3	-	4-6	3	1500	1	2	cid	o	o	
	The Lizard	30.5	+10	E/N	4	3	47	37	8	2	-	-	9	10	1500	1000.6	+16	N	4	c	44	37	6	5	-	-	10	10	1500	1	3	cid	o	o	
	St. Mary's	30.6	+10	NE	5	3	43	37	7	2	-	-	7-8	10	800	1002.0	+38	N	5	c	44	35	7	5	2	-	7-8	10	1200	9	4	cid	o	o	
	Guernsey ...	30.6	+10	NE	5	3	43	37	7	2	-	-	7-8	10	800	1002.0	+38	N	5	c	44	35	7	5	2	-	7-8	10	1200	9	4	cid	o	o	
6	Pembroke ...	1000.1	+8	NNE	3	3	39	37	6	5	2	-	7-8	10	2000	1003.2	+20	N/E	5	c	38	37	6	8	6	-	7-8	10	2500	1	3	cm	o	o	
7	Holyhead ...	1002.0	+4	ENE	5	3	40	35	4	5	-	-	2	2	1500	1004.2	+16	NE/N	5	2	39	32	5	5	-	-	10	10	2800	1	5	bc	mo	o	
	Chester (Sealand)	1002.7	+2	NE/E	2	3	38	35	4	5	2	-	7-8	10	1700	1004.2	+14	NNE	2	of	36	35	3	5	-	-	10	10	800	1	1	cm	o	o	
8	Manchester ...	1003.1	+2	NE/E	3	3	36	35	4	5	-	-	10	10	1000	1004.2	+10	NE	3	16	36	35	4	5	-	-	9	9	1000	1	*	cm	o	o	
10	Spurn Head	1003.5	-6	E/S	4	3	35	32	6	5	-	-	10	10	800	1003.7	0	ENE	3	o	35	32	6	5	-	-	10	10	800	1	4	o	o	o	
	Catterick	1003.1	-4	-	0	3	35	32	5	5	-	-	10	10	1200	1003.4	+2	-	o	m	35	32	4	5	-	-	10	10	700	6	3	cm	o	o	
	Tynemouth	1007.0	-6	E	4	3	38	32	6	5	-	-	10	10	1200	1006.5	0	E	3	o	37	35	7	5	-	-	10	10	1500	1	3	o	o	o	
11	St. Abbs Head	1006.8	-6	SE	4	3	37	37	6	5	2	-	9	10	1100	1006.3	+2	SSE	3	c	36	37	6	5	2	-	7-8	10	1500	1	2	om	o	o	
	Leuchars	1006.4	-10	ESE	1	3	39	35	6	-	2	-	10	10	2800	1005.7	-4	E	1	2	38	32	5	5	-	-	10	10	1200	1	1	cm	o	o	
12	Renfrew (Abbots L.)	1006.4	-6	E/S	3	3	39	35	5	5	-	-	10	10	2500	1006.2	+2	-	o	of	37	32	2	5	-	-	10	10	1800	1	1	cm	o	o	
	Eskdalemuir	1005.6	-8	NE/N	3	3	34	37	5	5	-	-	10	10	220	1005.7	+4	NNE	2	om	34	37	4	5	-	-	10	10	1500	1	1	om	o	o	
	Point of Ayre	1004.5	+4	ENE	4	3	39	32	6	5	2	-	9	10	1500	1005.2	+4	NE/E	2	c	39	32	6	5	2	-	7-8	10	1500	0	1	cm	o	o	
13A	Tiree ...	1006.0	-10	SSW	3	3	40	75	7	3	-	-	7-8	10	2500	1004.1	-8	WSW	3	pr	41	32	7	5	-	-	9	9	1500	0	3	c	o	o	
13B	Stornoway	1006.0	-10	SW	3	3	35	35	6	2	6	-	7-8	10	800	1005.8	-2	SW	2	c	34	35	6	5	-	-	9	9	800	4	1	c	o	o	
15	Dalwhinnie	1006.2	-10	SW	3	3	35	35	6	2	6	-	7-8	10	800	1005.8	-2	SW	2	c	34	35	6	5	-	-	9	9	800	4	1	c	o	o	
	Aberdeen	1006.5	-8	S	2	3	40	75	6	8	-	-	9	9	2500	1005.8	-2	SSW	2	c	38	35	4	5	-	-	9	9	4000	1	3	cid	o	o	
	Wick ...	1005.4	-12	S	4	3	39	75	6	8	-	-	4-6	7-8	1500	1010.2	-6	SSW	3	c	36	35	6	5	3	2	4-6	7-8	1500	1	3	cm	o	o	
16	Lerwick...	1005.7	-18	S	7	3	38	35	7	8	2	-	7-8	10	800	1005.7	-18	S	7	38	35	7	8	2	-	7-8	10	800	1	3	cm	o	o		
17	Blacksod Point...	1006.8	+6	-	0	3	42	37	6	5	-	-	10	10	800	1007.0	+18	N/W	4	cl	45	37	6	5	-	-	9	9	800	1	4	o	o	o	
18	Malin Head	1005.0	-2	S	1	3	41	35	6	5	-	-	7-8	7-8	1500	1005.4	+6	W	2	2	40	35	6	8	-	-	9	9	800	0	2	2	o	o	
	Aldergrove	1005.2	-2	E/N	2																														

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

## COLUMNS 5, 19, 37, 38, 3

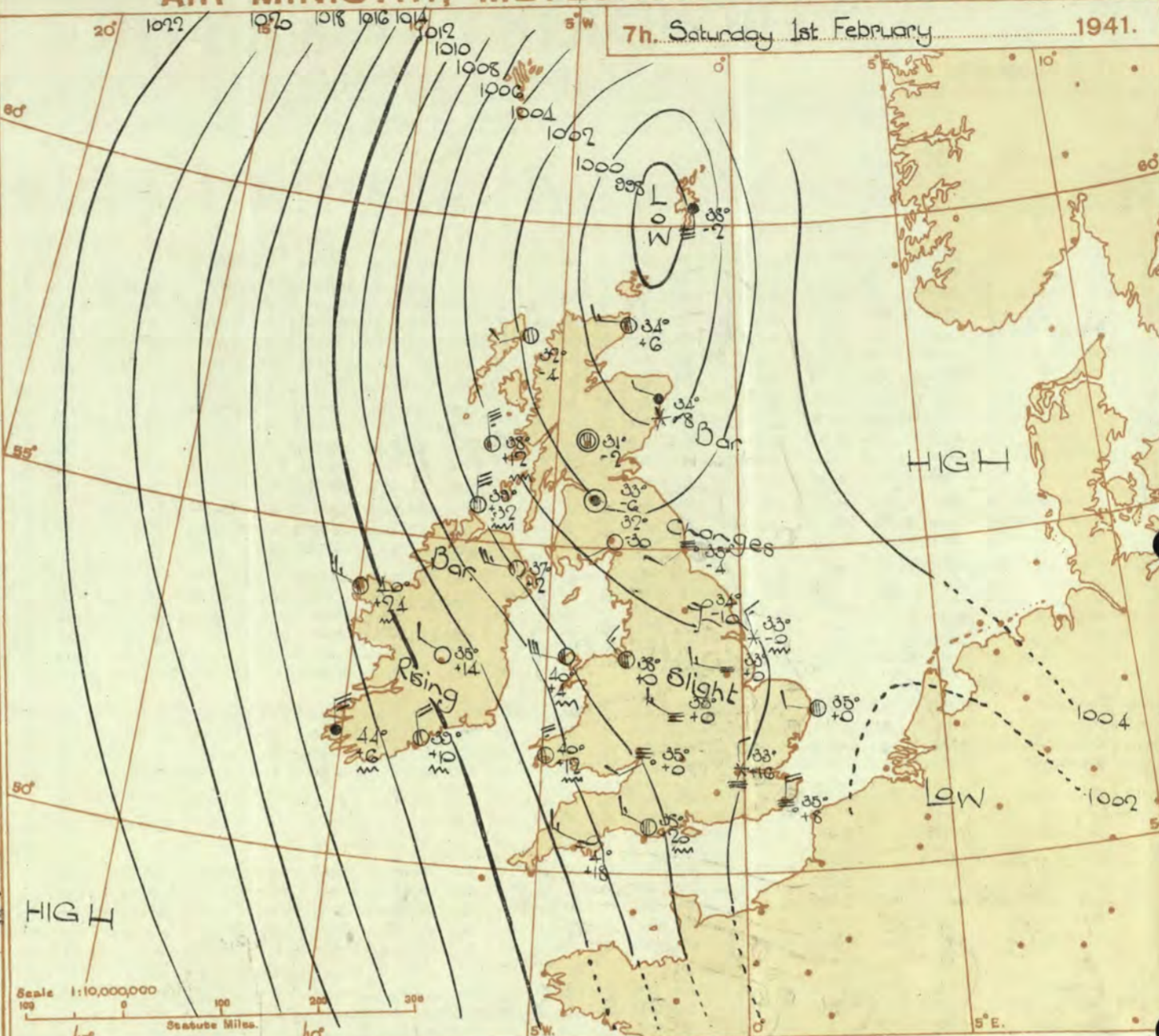
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T.	18h. G.M.T.	01h. G.M.T.	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 57 05663 16814		5- 68693 17513	5- 62743 01268
115 53 07854 20776		52 62735 16268	52 88734 32186
203			
206 54 03661 00002	5- 02668 24128	5- 62643 17513	
210 00 06700 20100	53 05564 16125	5- 62643 18468	5- 02745 24465
220 53 21845 18387	52 02744 21228		
230 5- 07777 00007	52 05666 00018	5- 22743 26268	8- 26744 28184
245 5- 08648 16758	5- 08438 00058	5- 05543 00023	02 77378 00078
260 5- 08458 08128	5- 08443 00023	5- 43343 00043	50 05653 00013
277 5- 07758 08228	5- 05553 00023	5- 64643 26363	8- 02845 25785
279 6- 05533 03323	5- 08438 04328		5- 05645 19125
285 -- 44700 08340	-- 46100 08240		5- 02637 30547
288 5- 05258 10328	5- 17438 04288	5- 08443 00023	5- 08443 16123
273 5- 05648 05323			53 01872 28483
301 5- 05538 06323	5- 05543 06323	5- 08443 00023	5- 22654 29264
321 5- 05568 05323	02 08438 04278	02 68438 03278	02 48238 00023
299 5- 05548 08628	5- 05543 08323	5- 52543 02258	5- 52443 24258
292 5- 05538 06323	5- 52423 06158	5- 51438 28158	5- 47347 00027
310			
316 5- 45813 02878	5- 45323 04378	5- 77313 02178	5- 47338 00078
333 51 01765 10228	5- 08467 08167	5- 05668 00023	50 00753 30563
334			
340 52 62536 06368		02 77313 28178	5- 51547 28327
136 62 62523 08468	5- 64538 06368		
336 -- 24800 08470	-- 23300 08340	5- 08413 04268	62 05655 32437
350 5- 08428 02358			
368 5- 05638 07458			
379 -- 57103 06450	-- 46100 04340	-- 57100 06350	5- 43303 30343
390 5- 57223 05858	5- 67100 06140	5- 08423 32263	5- 24438 28378
382 5- 08493 04328	5- 57323 02358	5- 51423 32343	02 62438 29278
438 02 07000 07340			02 67200 02440
430 5- 04473 04258	02 67313 04368	02 67323 02368	5- 51437 32423
409 54 51636 04356	5- 51403 32358	5- 05633 32563	27 25646 30582

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 1st February 1941.



FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 1st Feb. 1941.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 1st Feb. 1941.
1 S.E. England	Light or moderate N.W. wind; dull, occasional slight rain or sleet;
2 E. England ...	bright intervals later, but local snow showers; mist and local fog at first;
3 E. Midlands ...	improved visibility later; rather cold, slight frost at night.
4 W. Midlands ...	
5 S.W. England	Fresh or strong N.W. to W. wind, squalls of gale force locally;
6 South Wales ...	bright intervals, showers of rain, hail/sleet, or snow; rather cold.
7 North Wales ...	
8 N.W. England	Moderate or fresh N.W. wind; occasional snow; cold;
9 N. Midlands ...	night frost.
10 N.E. England	
11 S.E. Scotland	Moderate N.W. wind; bright periods, local snow showers;
12 S.W. Scotland & Isle of Man	cold, night frost.
13 { A.W. Scotland B.N.W. Scotland	As 5-8
14 Mid Scotland	Wind north, becoming fresh or strong; intermittent snow; cold.
15 N.E. Scotland	
16 Orkneys and Shetlands	Light or moderate variable to N. wind, freshening; some rain or sleet turning to snow; cold.
17 N.W. Ireland	
18 N.E. Ireland	As 5-8
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

A depression near the Shetlands is moving slowly S.E., and a ridge of high pressure is approaching from the Atlantic. Wind will be generally N.W. to N. strong at exposed places in the West and extreme North reaching gale locally in squalls. Bright intervals & improved visibility will spread to all districts within 24 hrs. Precipitation will be mainly slight, but there will be appreciable snowfall in some northern districts, including North Wales and the North Midlands.

FURTHER OUTLOOK.

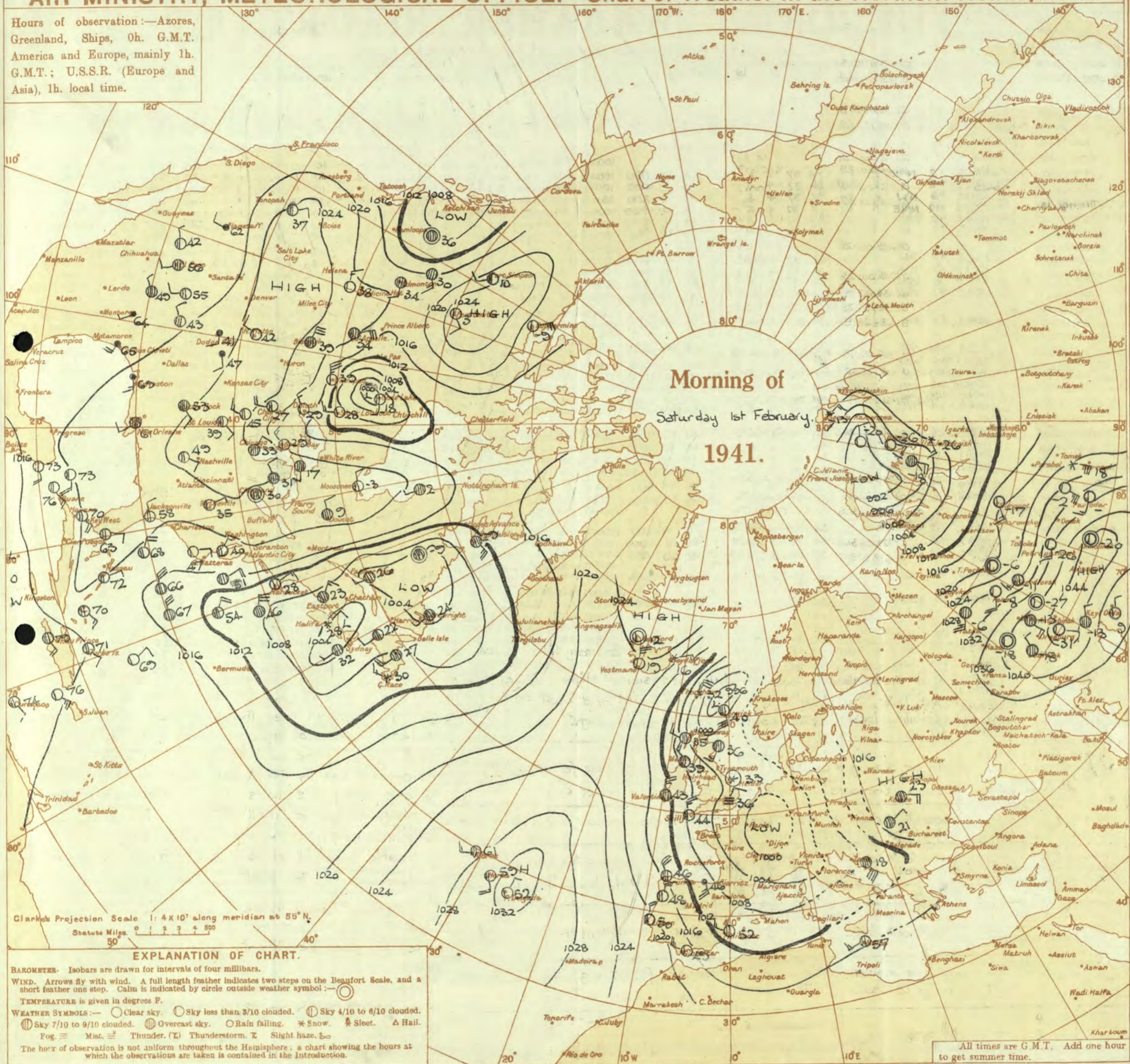
A fine interval in most areas with night frost. Local snow showers in the North. A depression advancing from the Atlantic will affect west Ireland before long.  
A Gale warning issued in districts 7, 8, 12, 13a, 13b, 17, 18 and 20 at 0625h on 1/2/41, and district 16 at 0730h on 30/1/41.

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

Forecasts issued at 1030h G.M.T.  
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  
Saturday 1st February 1941.  
No. 28226.

OBSERVATIONS at 1 hr. G.M.T. 1st February															OBSERVATIONS at 7 hr. G.M.T. 1st February															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 31st Hrs.
					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-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. (11)	Med. (12)	High. (13)	Low. (25)	
1	London (Kew) ... 18 Croydon ... 217 S. Farnborough ... 226 Boacombe Down ... 417 Thorney (Sl. mtn.) ... 10 Lympe ... 346 Manston ... 154	* 1001.5 1002.7 1003.5 1002.4 1001.7 1001.1	* -2 +2 +6 +2 +2 +2	* NNE N NW NNE NNE N	* 2 2 4 3 3 3	* f d.o. m m z. z.	* 36 36 34 38 37 37	* 97 92 97 92 92 92	* * 2 4 4 6 5	* * * * * *	* * 10 10 10 10 10 10	* * 10 10 10 10 10 10	1004.3 1003.3 1003.0 1005.4 1004.2 1002.7 1002.2	+6 +6 +8 +4 +8 +8 +10	NE N NW NNE NNE NNW NNW	3 2 3 3 4 4 3	ir sf sf of ir m m	38 33 34 34 36 35 36	92 97 97 97 92 87 85	5 2 4 5 6 5 4	- - - - - - -	- - - - - - -	10 10 10 10 10 10 10	10 10 10 10 10 200 1400	1 1 1 1 1 1 1	* * * * * * *	35 38 40 40 40 39	33 32 34 32 * 34 35	32 32 33 32 34 33 *	1 0.2 1 1 0.5 1	2 0.6 0.3 0.2 * 0.5 -	0.0 0.0 0.0 0.0 * 0.0 *				
2	Shoeburyness ... 11 Felixstowe ... 15 Gorleston ... 5 Mildenhall ... 19 Cranwell ... 240	* 1001.8 1002.9 1002.4 1004.7	* +2 0 0 +2	* NW ENE NNW NW	* 2 3 2 3	* m c m f	* 33 36 35 33	* 97 85 97 97	* 4 8 4 6	* * * * *	* * 10 10 10 10	* 10 800 800 400	1003.2 1002.1 1002.6 1003.1 1004.5	+6 +2 0 +6 0	NE NNW NNW NW NNW	2 3 2 2 3	o m c df f	36 34 35 34 33	92 92 85 97 97	5 4 5 3 2	- - - - -	- - - - -	10 10 10 10 10	450 1500 800 100 300	1 1 0 1 7	* 2 3 * *	39 37 36 38 36	35 32 33 34 32	35 30 33 32 32	1 - - 1 1	- - - 0.1 2	0.0 0.0 0.0 0.0 0.0				
3	Birmingham ... 535 Upper Heyford ... 408 Ross-on-Wye ... 223	* 1003.2 *	* +2 *	* NE *	* 3 *	* f *	* 33 *	* 97 *	* 3 *	* * *	* * *	* 10 *	1004.6 1004.4 1005.4	0 +6 0	NW SNE SW	3 1 2	cf rf m	35 33 33	97 97 92	3 5 4	- - -	- - -	9+ 10 9+	800 300 1500	6 1 1	* * *	34 36 36	32 32 33	31 31 30	2 0.2 1	2 0.3 1	0.0 * 0.0				
4	Hartland Point ... 299 Bristol ... 209 Portland Bill ... 32 Plymouth ... 82 The Lizard ... 240 Scilly (St. Mary's) ... 163 Guernsey ... 175	1005.1 1004.7 1003.4 1004.6 1005.1 1006.5	+14 +4 +10 +4 +4 +4	NE NNE NE NNW NNW NW	4 3 3 4 3 5	c rf o d.o. c bc	38 34 42 40 42 44	97 97 92 85 92 85	6 3 7 5 7 8	5 - - - - - -	2 - - - - - -	46 10 10 10 7.8 4.6	9+ 10 1500 1000 1500 1500	1007.0 1006.3 1006.0 1008.4 1010.4	+12 +6 +20 +18 +20	NNW NNW NW NW NNW	5 1 3 3 6	cf f c z. c	42 34 38 41 43	85 92 92 85 75	7 3 7 5 7	8 - - 7 8	6 - - - 2	- - - - -	9 10 10 2.3 7.8	9+ 800 800 2500 1800	1 1 1 1 1	4 * 4 2 4	44 39 44 43 44	37 35 37 * *	3 31 34 * *	0.1 3 0.4 0.3 1	0.2 0.6 - - 1	0.6 0.0 0.0 0.6 0.0		
5	Pembroke ... 142 Holyhead ... 26 Chester (Sealand) ... 16 Manchester ... 70	1006.0 1005.6 1005.1 1005.0	+8 -2 0 0	N NNW NW NNW	3 3 2 1	z. m m m	40 41 35 34	92 85 92 92	5 4 4 4	5 - - -	- - - -	10 10 10 10	4000 1800 2200 1000	1008.6 1005.9 1005.0 1004.5	+12 +4 0 -4	NNW WN NW W	5 6 3 2	bcq bcq rf f	40 40 38 35	85 85 92 92	7 8 6 5	8 8 - -	- - - -	2.3 4.6 9+ 10	2.3 4.6 2000 800	1 1 4 1	4 4 * *	41 40 38 37	37 37 35 33	31 34 31 31	1 0.1 - Tr	0.4 0.1 1 1	0.0 0.3 0.0 0.0			
6	Spurn Head ... 29 Catterick ... 175 Tynemouth ... 108	1003.6 1004.8	0 -2	- -	0 0	S.o.S. m	33 34	97 92	6 4	5 5	- -	10 10	800 1000	1002.8 1002.7 1003.5	0 -10 -4	NNW SW SW	3 1 2	s z. m	33 34 35	97 92 97	5 5 4	- - -	- - -	10 10 10	800 1000 1500	0 7 1	4 * 3	36 36 33	31 33 32	31 32 33	- - -	4 - -	0.0 0.0 *			
7	St. Abbs Head ... 280 Leuchars ... 36 Renfrew (Abbots.) ... 19 Eskdalemuir ... 794 Point of Ayre ... 30	1003.5 1003.1 1004.1 * 1005.2	-18 -18 -14 * 0	SSW - W * W	3 0 1 * 2	c z. rf * c	34 35 34 * 36	92 97 97 * 97	6 5 2 * 6	5 5 2 * 5	2 - - * 2	- 10 10 * 7.8	10 2000 1000 * 1500	1000.9 1000.3 1001.9 1002.0 1003.1	-6 -6 -6 -30 -12	SW W 0 SW NNW	4 1 0 2 6	ro z. ir b bc	35 34 33 32 33	92 97 92 97 85	6 5 4 7 8	5 - - - -	2 - - - -	9 10 7.8 0 4.6	10 3000 2000 0 1500	1 1 1 7 1	2 * * * 5	38 39 39 35 40	34 33 (32) 32 36	* 30 31 - *	Tr Tr - - -	2 0.4 0.3 1 0.2	* 0.0 0.0 0.0 0.0			
8	Tires ... 22 Stornoway ... 80 Dalwhinnie ... 1176 Aberdeen ... 79 Wick ... 81 Lerwick ... 166	* 1003.0 * * 999.9 1000.4	* 0 * * -16 -10	* NNW * * SW SE	* 3 * * 2 6	* c * * ro c/pr	* 35 * * 37 40	* 97 * * 85 85	* 7 * * 6 7	* 5 * * 5 7	* 7 * * 1 7	* - * * 4.6 7.8	* 10 * 1500 800	1004.2 1001.9 1001.0 1000.0 999.0 999.3	+12 -4 -2 -8 +6 -2	NW WSW - NW NNW S	7 2 0 1 3 6	bc e/pr c rs c rr	38 32 31 34 34 38	85 97 85 97 97 92	8 7 6 5 6 6	8 7 - - 2 2	- - - - - -	4.6 7.8 9+ 10 9 4.6	4.6 2100 1500 2500 800 800	1 1 4 1 3 1	6 1 * 3 3 *	41 30 35 40 39 42	32 30 31 34 34 37	* * 28 32 34 *	- 0.2 Tr - - -	2 1 0.1 3 1 4	0.0 0.3 1.6 0.0 0.0 0.0			
9	Blacksod Point ... 18 Malin Head ... 84 Aldergrove ... 268	1011.5 1005.5 1006.2	+10 0 -2	NW NW WNW	5 4 2	ir c ir	40 33 38	85 75 92	7 6 7	6 - -	- - -	9+ 7.8 10	800 2500 5000	1013.2 1003.9 1005.5	+24 +32 +2	NW N WNW	5 6 5	bc e/pr bc/pr	40 39 37	85 75 75	8 7 7	3 6 8	- - -	- - -	4.6 9+ 2.3	4.6 1500 1500	1 0 1	4 4 *	45 41 40	37 36 34	* * 30	2 - -	1 0.6 0.3	* 0.0 0.0		
10	Birr Castle ... 173 Valentia Obsy. ... 30 Roches Point ... 22	1003.5 1013.6 1010.1	+12 +20 +12	NW N N	3 5 5	c c bc	40 43 41	85 85 83	8 8 8	5 8 5	- - -	10 7.8 2.3	2500 2500 2500	1011.6 1015.3 1013.0	+14 +6 +0	NW NNW NNW	2 6 4	b pr bc	35 44 39	52 75 85	8 8 8	- 3 5	- - -	- - -	0 7.8 2.3	0 2500 2500	1 1 1	* 5 4	41 39 45	35 39 39	31 36 *	- 0.1 -	0.3 - -	0.0 0.5 0.0		

[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.

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Sunday 2nd February 1941.  
No. 25327

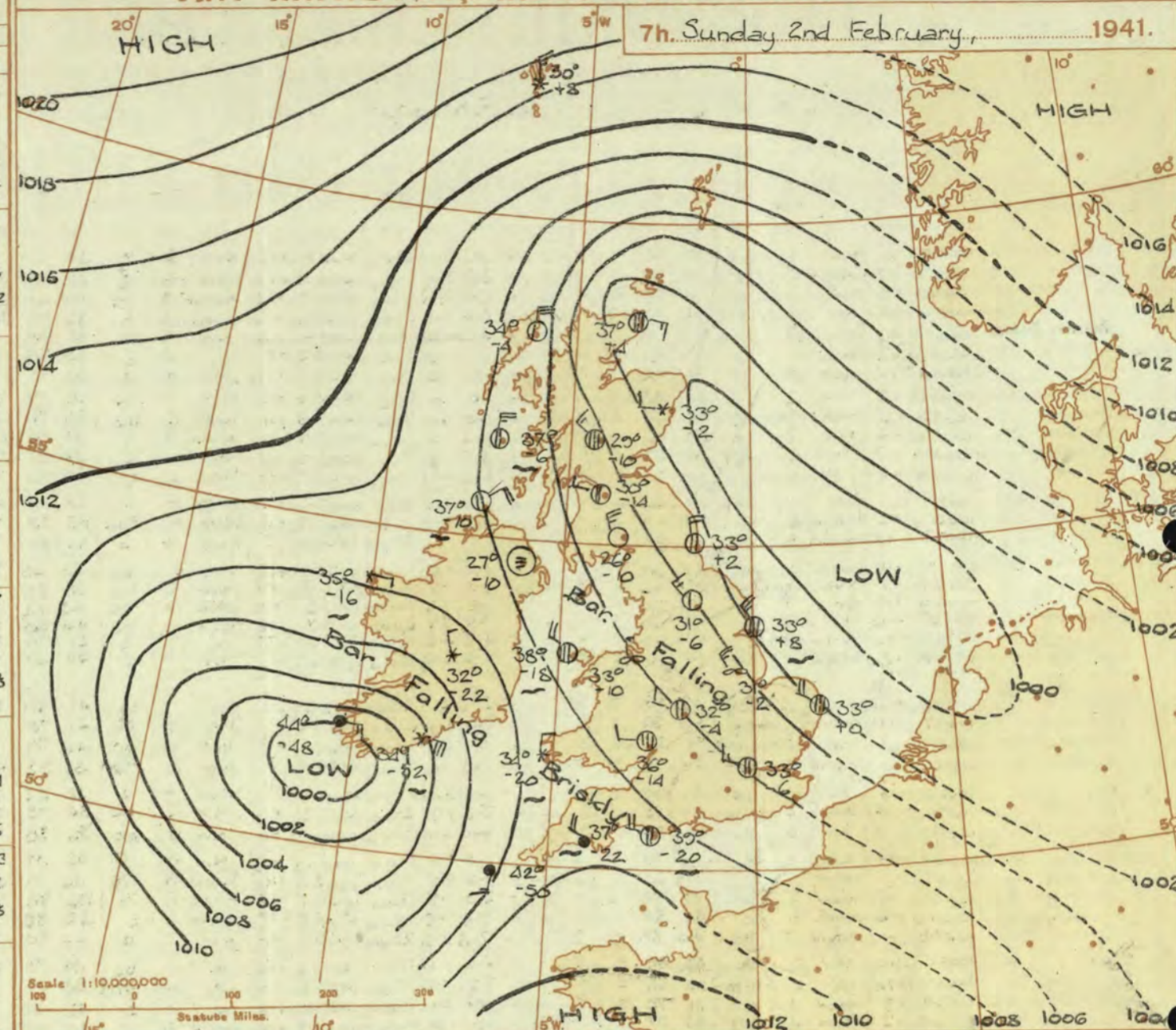
OBSERVATIONS at 13h. G.M.T. 1st February														OBSERVATIONS at 18h. G.M.T. 1st February														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
DISPATCH.	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 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Med. (10)	High (11)	Low (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Direc. (17)					Force 0-12 (18)	Form. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	7h.-13h. 1st (37)	13h.-18h. 1st (38)	18h.-1st 2nd (39)	1h.-7h. 2nd (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1	London (Kew)...	1005.6	0	NW	4	z	41	75	6	5	3	-	8	9	2500	1006.3	+12	NW	3	z	39	65	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 1st February				18h. G.M.T.				01h. G.M.T. 2nd February				07h. G.M.T.			
III	C <sub>u</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>u</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>u</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>u</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>u</sub>	wwVhN <sub>h</sub>	DDFWN
109	52	61844	30308							05	02754	10584			
115	52	88735	32588	87	88734	65587	52	88734	65587	52	88734	65587			
203							2-	88835	33675	52	88734	65587			
208	87	26863	30186	80	01853	30283	80	01853	28383	80	24844	28284			
210	02	68838	26478	8-	25847	61587	20	26843	62683	8-	83648	28688			
220	83	27854	28684	90	23755	28575				3-	01753	31304			
230	06	81845	32385	86	01842	63783	40	00851	30511	8-	10756	28416			
245	83	83646	28487	8-	02856	63586	50	00851	64701	5-	83758	30128			
260	50	01854	26314	86	02864	28286				50	00862	22302			
277	26	14846	28787	24	01844	62684	50	00841	30411	10	00851	202101			
279	0-	02845	28485	50	02753	29523	00	08630	28200	50	00851	00001			
286	36	26634	32585	3-	26636	30586									
288	87	05645	26316	8-	05556	26286	80	05543	28313	5-	05556	30316			
278										46	01762	08174			
301	80	05654	28514	86	27653	61583	50	08681	30401	50	60751	28301			
321	83	05645	26326				50	08662	59412	04	03690	59401			
299	57	05544	24275	50	08644	24214	5-	68548	26678	5-	02755	28425			
292	5-	27648	22375	56	01744	28384	50	01763	60413	56	01753	27414			
310															
316	86	05653	59463	86	05644	61484	00	08630	28280	50	05661	26201			
332	20	01865	28785	20	01855	28715	20	01854	62514	21	02853	30217			
334	--	27648	28487												
340	80	01854	28484	80	02855	28485	80	00752	29382	80	01754	28314			
136							50	01763	25413	5-	26648	25588	5-	02748	59628
346	26	02754	32415	62	02754	32517									
359	3	05644	26474												
368	30	01854	62474												
379	7-	02756	24416	13	01752	28513	00	00700	28500	80	01754	28414			
390	53	08464	28427	50	05663	28513	5-	05558	24518	50	01754	25514			
382	74	01755	28415	46	00842	26413	40	26764	27484	57	02762	28316			
438	5-	02548	31328							50	01763	28513			
430				40	01765	28315	03	05630	26313	00	05630	26314			
409	2-	01854	64614	50	01855	29515	5-	02757	20427	5-	61648	09268			

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).

AIR MINISTRY, METEOROLOGICAL OFFICE.



Scale 1:10,000,000  
100 200 300  
Statute Miles.

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 Southwest Ireland will move east and then east-southeast. There will be rain in the extreme Southwest and on the south coast eastward to Hants, and snow over a large area south of a line Blackad Point, Holyhead, Wash lying to a depth of a few inches. A depression spreading back from the North Sea will cause snow in many northern districts also especially Northeast Scotland. Wintry weather will last for some days.

FURTHER OUTLOOK.

Wintry weather probable for some days, with bright periods and keen frosts at night.  
★ Gale warning issued 0840h. 2.2.41. In district 5 (part of).

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.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 2nd February
1 S.E. England	Wind southeast or east, backing through northeast to northwest or west, moderate or fresh; snow in considerable amounts; fair later apart from local snow showers; cold; frost in morning.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind veering west then northwest to north, strong then moderating; rain at first with snow in northeast part of districts; fair later apart from local wintry showers.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	As 1-4.
9 N. Midlands ...	
10 N.E. England	Light or moderate northwest or variable wind; bright periods, snow showers locally; cold, severe frost at night.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind northwest strong locally veering northeast or east; snow at times; cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Fresh southeast wind; cloudy, occasional snow or sleet; rather cold.
17 N. W. Ireland	Freshening north or northwest wind snow showers; bright intervals, cold, night frost.
18 N. E. Ireland	
19 S. E. Ireland	Wind northeast backing northwest fresh at times; snow then fair apart from local wintry showers; cold, night frost.
20 S. W. Ireland	

# 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.

Morning of  
Sunday 2nd February,  
1941.

Clarke's Projection Scale 1: 4 x 10<sup>7</sup> along meridian at 55° N.

Statute Miles. 0 1 2 3 4 500

## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:— ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 5/10 clouded.

○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. \* Snow. † Sleet. Δ Hail.

Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. T 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. 2nd February														OBSERVATIONS at 7 hr. G.M.T. 2nd February														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 1st 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	1006.8	-2	WNW	4	0/ps	35	85	5	-	-	-	-	1006.0	-6	W	3	bc	34	75	7	5	-	2	2-3	4-6	1500	1	*	42	34	27	0.5	Tr	0.8		
	Croydon ... 217	1006.8	-2	WNW	4	0/ps	35	85	5	-	-	-	-	1006.1	-6	WNW	3	b	33	85	7	5	-	2	2-3	3000	3	*	40	32	29	0.1	Tr	0.3			
	S. Farnborough ... 226	1007.3	+2	WNW	4	0/ps	36	85	7	6	-	-	-	1007.3	-6	W'S	4	c	32	85	7	5	-	6	1	7-8	4000	3	*	43	31	27	0.1	Tr	1.4		
	Boacombe Down ... 417	1007.8	+2	WNW	4	0/ps	34	75	7	5	-	-	-	1008.3	-2	WNW	3	c	32	85	7	5	7	-	4-6	7-8	3000	1	*	42	31	28	*	*	3.9		
	Thorney Island ... 35	1008.8	+2	W	4	N	35	85	6	-	-	-	-	1007.5	-14	NNW	4	bc	34	82	7	5	-	-	4-6	4-6	2000	1	*	43	33	28	*	*	*		
	Lymington ... 346	1006.3	-2	W	5	N	35	75	6	-	-	-	-	1006.2	-2	NNW	5	b	32	85	8	-	-	-	0	0	-	0	40	32	28	0.3	-	0.1			
	Manston ... 154	1004.2	-6	WS	5	N	34	75	5	-	-	-	-	1003.5	0	W'S	5	N	34	75	6	5	-	-	1	1	2000	0	*	39	33	31	0.5	-	*		
2	Shoeburyness ... 11	1003.1	-2	W	5	0/ps	35	85	6	5	-	-	-	1005.1	-2	WNW	3	b	33	85	6	-	4	8	0	1	-	42	33	28	0.5	-	0.8				
	Felixstowe ... 15	1003.1	-2	WNW	3	0/ps	34	82	5	6	-	-	-	1001.8	-6	NNW	5	bc	34	75	7	5	-	-	2-3	2-3	3500	4	3	40	33	31	0.2	0.7			
	Gorleston ... 5	1002.2	-2	WNW	3	0/ps	34	82	5	6	-	-	-	1000.9	0	NNW	4	c	33	85	6	8	-	-	10	10	800	8	2	38	32	29	0.2	2	4.0		
	Mildenhall ... 19	1002.5	+4	WNW	5	N	35	82	5	6	-	-	-	1002.7	-2	NNW	4	bc	33	85	7	5	-	-	7-8	7-8	3000	1	*	41	33	25	0.2	0.2	1.5		
	Cranwell ... 240	1004.1	+2	NW	5	N	35	83	6	8	-	-	-	1003.8	-2	NNW	5	N	31	75	6	5	3	-	2-3	2-3	2000	8	*	41	30	28	-	2	2.2		
3	Birmingham ... 535	1007.0	-2	NW	4	bc	35	75	7	5	-	-	-	1006.1	-4	NNW	2	bc	32	85	7	5	7	6	1	4-6	1500	7	*	39	31	28	1	0.4	4.2		
	Upper Heyford ... 408	1007.0	-2	NW	4	bc	35	75	7	5	-	-	-	1006.0	-6	NNW	3	bc	32	85	7	5	1	-	7-8	7-8	2000	3	*	41	32	26	Tr	Tr	6		
4	Ross-on-Wye ... 223	1007.0	-2	NW	4	bc	35	75	7	5	-	-	-	1007.1	-14	W	2	c	36	75	7	5	1	-	1	1	2500	1	*	41	33	30	-	-	6		
5	Hartland Point ... 299	1012.2	-8	NW	5	bc	39	65	8	8	-	-	-	1007.3	-26	NNW	4	c/d	37	82	7	5	2	-	4-6	10	1500	1	3	42	36	35	-	Tr	5.1		
	Bristol ... 209	1012.4	-2	NNW	4	b	35	75	7	5	-	-	-	1007.7	-20	W'S	4	c	34	85	7	5	-	-	1	1	3000	1	*	43	33	29	-	-	5.4		
	Portland Bill ... 32	1010.6	+2	NW	4	b	40	85	8	-	-	-	-	1008.1	-20	NNW	4	bc	39	85	8	5	-	-	4-6	4-6	4000	1	4	43	36	-	-	-	*		
	Plymouth ... 82	1013.5	-6	NNW	4	c	39	75	7	8	-	-	-	1009.7	-22	NW	4	bc	37	85	7	-	2	-	10	10	1800	1	4	45	37	34	0.1	Tr	6.4		
	The Lizard ... 240	1014.4	-6	NNW	5	c	41	65	8	8	-	-	-	1009.1	-24	-	0	bc	39	82	7	8	2	-	9	10	1500	1	2	45	38	-	Tr	1	4.6		
	Scilly (St. Mary's) ... 163	1015.1	-6	NNW	3	bc	41	75	8	6	-	-	-	1007.6	-30	SSW	3	bc	42	82	7	6	2	-	9	10	1500	1	3	46	40	-	Tr	7.1			
	Guernsey ... 175	1015.1	-6	NNW	3	bc	41	75	8	6	-	-	-	1007.6	-30	SSW	3	bc	42	82	7	6	2	-	9	10	1500	1	3	46	40	-	Tr	7.1			
6	Pembroke ... 142	1012.2	-6	NW	6	bcq	39	85	8	4	-	-	-	1008.2	-20	N	2	S.S.	34	87	6	6	-	-	10	10	4000	1	4	43	33	-	Tr	0.5			
	Holyhead ... 26	1009.1	-6	NNW	6	bcq	39	85	8	2	-	-	-	1007.4	-18	NNW	4	bc	38	75	8	8	3	-	4-6	7-8	2000	1	5	42	37	29	Tr	0.3			
	Chester (Sealand) ... 16	1007.5	+2	NW	5	bc	37	85	7	5	-	-	-	1005.9	-10	NW	1	bc	38	85	6	8	5	-	2-3	4-6	2500	4	*	41	33	28	0.5	0.3	2.6		
	Manchester ... 70	1006.4	+6	NNW	4	bc	34	85	5	-	-	-	-	1005.6	-8	WN	3	bc	28	82	5	-	-	-	0	0	-	3	*	41	28	19	0.5	-	3.6		
10	Spurn Head ... 29	1003.5	-4	NNW	6	bcq	34	87	6	5	-	-	-	1001.4	+8	NNW	5	bcq	33	85	6	8	-	-	10	10	1500	1	4	37	32	-	Tr	1	1.7		
	Catterick ... 175	1003.7	+6	NNW	5	b	34	65	7	-	-	-	-	1003.8	-6	NW	3	b	31	85	8	5	-	-	1	1	4000	7	*	39	31	27	Tr	-	3.1		
	Tynemouth ... 108	1002.4	+4	NNW	6	bc	36	75	7	2	-	-	-	1003.0	+2	NNW	4	bc	33	75	7	8	-	-	1-6	4-6	2500	1	3	40	32	30	-	1	*		
11	St. Abbs Head ... 280	1003.1	+10	NW	6	bcq	35	85	8	4	A	-	-	1002.2	-6	NW	6	bcq	33	75	8	4	A	-	4-6	4-6	2500	1	4	37	33	-	Tr	0.3			
	Leuchars ... 36	1004.5	0	W	3	b	34	65	8	-	-	-	-	1003.5	-2	NNW	3	c	32	75	8	5	3	-	4-6	7-8	4000	3	*	39	30	27	0.4	-	3.4		
	Renfrew (Abbott's) ... 19	1007.2	-4	NNW	3	b	31	85	7	-	-	-	-	1005.4	-14	WN	1	b	30	75	8	5	-	-	2-3	2-3	3500	3	*	39	28	18	0.2	-	4.2		
	Eskdalemuir ... 794	1007.2	-4	NNW	3	b	31	85	7	-	-	-	-	1004.3	-10	NNW	5	b	26	75	8	-	-	-	0	0	-	8	*	36	25	23	0.4	-	4.4		
	Point of Ayre ... 30	1007.8	0	NW	6	b	38	75	8	4	-	-	-	1005.4	-14	N	5	b	36	75	8	4	-	-	1	1	4000	0	4	42	35	-	-	-	5.1		
13A	Tiree ... 22	1007.8	-6	NW	5	bc	37	82	7	8	-	-	-	1007.6	-6	N	5	c	37	82	7	8	-	-	4-6	4-6	1500	0	6	41	32	-	Tr	0.3			
13B	Stornoway ... 80	1007.3	-8	NNW	4	bc/ps	33	82	7	2	-	-	-	1007.9	-4	N	6	b	34	85	7	8	-	-	1	1	1800	7	3	36	30	-	Tr	1	3.1		
15	Dalwhinnie ... 1176	1007.3	-8	NNW	4	bc/ps	33	82	7	2	-	-	-	1007.9	-4	N	6	b	34	85	7	8	-	-	1	1	1800	7	3	36	30	-	Tr	1	3.1		
	Aberdeen ... 79	1007.3	-8	NNW	4	bc/ps	33	82	7	2	-	-	-	1007.9	-4	N	6	b	34	85	7	8	-	-	1	1	1800	7	3	36	30	-	Tr	1	3.1		
	Wick ... 81	1001.7	-10	NW	5	cq	35	82	7	5	7	8	4-6	7-8	1500	1001.4	+4	ESE	3	c	37	82	7	5	1	-	4-6	7-8	1500	1	3	38	32	-	Tr	0.2	
	Lerwick ... 156	1003.5	+6	SSW	5	bc	35	82	6	6	2	-	-	1006.7	+22	SE	5	bc	33	82	6	8	2	-	7-8	10	800	4	*	40	33	-	Tr	0.0			
17	Blackod Point ... 18	1012.1	-16	-	0	c/r	38	85	7	5	-	-	-	1008.3	-16	E	1	rs	35	87	7	6	-	-	10	10	800	1	4	42	33	-	Tr	0.1			
18	Malin Head ... 84	1010.7	-8	N	3	c	35	82	7	4	-	-	-	1008.1	-10	NE/E	4	bc	37	65	8	5	-	-	4-6	4-6	4000	0	4	40</							

AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Monday 2nd February 1941.  
No. 28,928

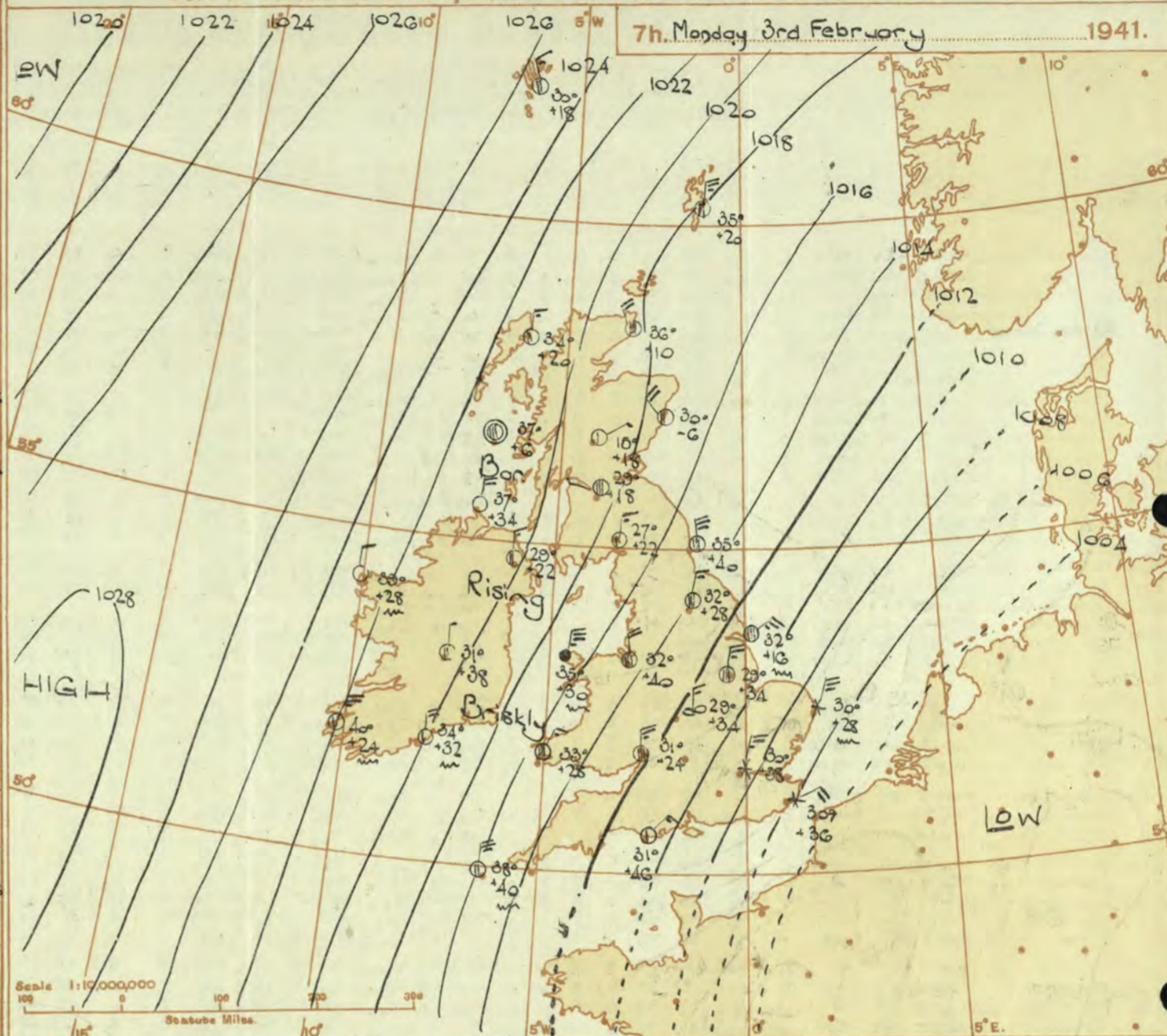
OBSERVATIONS at 13h. G.M.T. 2nd February														OBSERVATIONS at 18h. G.M.T. 2nd February														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Barom. at M.S.L. mb. (25)	Change in 8 hours. (26)	Wind.		Weather. (29)	Temp. °F. (30)	Humid. % (31)	Visibility. 0-9 (32)	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)	7h.-13h. 2nd (37)	13h.-18h. 2nd (38)	18h. 2nd to 1h. 3rd (39)	1h.-7h. 3rd (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1	London (Kew)...	1002.2	-2.4	WN	2	bc	37	65	6	5	1	8	Tr	3+	1500	1000.2	-1.0	NNE	3	2	35	75	5	5	-	2	9	9+	1500	1	*	bc	cg	bc	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg	cg

Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 2nd February				18h. G.M.T.				01h. G.M.T. 3rd February				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	81	10854	10583	57	01853	07385	50	01873	25213	80	01853	36583			
115	52	14734	41587	87	88734	08586	52	02844	08387	52	81844	28386			
203															
206	5-	68638	06388	6-	23645	08375	60	01853	30123	83	01854	28214			
210	G2	72428	10478	87	02746	10177	8-	02846	04386	5-	02757	26427			
220	G-	85748	32588	80	01755	32615									
230	60	10854	61514	57	02843	02277	40	01864	02314	00	05700	00010			
245	5-	83638	10488												
260	8-	22858	28288	62	72546	08188	40	05654	02484	5-	05665	32215			
277	80	00852	30302	6-	81847	21327	50	00761	01481	5-	01865	02315			
279				8-	25756	00086	00	03650	32300	5-	26757	68487			
285															
288	5-	72557	31277	02	77338	05278	5-	26457	35587	8-	85548	34588			
273	86	88845	30485												
301	50	17652	31312	52	71455	02278	50	01754	02274	5-	05655	36415			
321	53	01775	29416	5-	71647	02478	5-	02668	02478	5-	02668	02328			
299	5-	72648	06378	5-	02747	04377	5-	05538	06728	8-	02848	37788			
292	83	83856	28387	5-	78537	02178	5-	71538	35378	02	71648	32278			
310															
316	5-	05568	30328	5-	83457	32157	52	78644	34588	5-	71558	34578			
333	25	01952	02424	50	01563	02113	50	00762	02272	20	26754	35584			
334															
340	80	05654	28214	50	05664	30214	50	05664	01474	5-	72657	32377			
136	5-	72648	30288	52	78646	32278	5-	23768	04478	5-	23768	02578			
336															
350	53	01654	26214												
368															
379	17	02751	24225	57	05655	06326	5-	05654	04514	5-	71648	04578			
390	86	05654	28417	57	05653	32214	5-	72448	65578	5-	71536	01578			
382	87	02763	30227	03	05556	32313	50	05664	34574	5-	72658	01478			
438	4-	02744	30316												
430	02	05650	00028	01	05450	04328	5-	23568	02578	52	72445	35478			
409	62	78627	05578	27	02845	02676	2-	85747	52587						

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).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Monday 3rd February 1941.
1 S.E. England	Fresh or strong north or north-northeast wind, moderating inland tonight; cloudy, snow showers, bright intervals later except perhaps near East Coast where snow showers will continue, slight frost all day, hard frost inland at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh or strong north or north-northeast wind, moderating later; considerable cloud and local snow showers at first but bright periods tonight and tomorrow; cold; hard frost at night.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 1-4.
11 S.E. Scotland	Light or moderate northerly wind, fresh at times; local snow showers, bright periods cold, hard frost at night.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland B.N.W. Scotland	Moderate or fresh north or northeast wind; occasional sleet or snow; bright intervals cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 11-13A.
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

Pressure is low on the continent and a belt of high pressure off our West and Northwest coasts is moving eastward. Fresh or strong northerly winds will continue for another 24 hours. Weather will be cold and mainly cloudy with snow showers chiefly in the East but there will be bright intervals locally in the West. After today there will be bright intervals generally and somewhat higher day temperatures but night frosts.

FURTHER OUTLOOK.

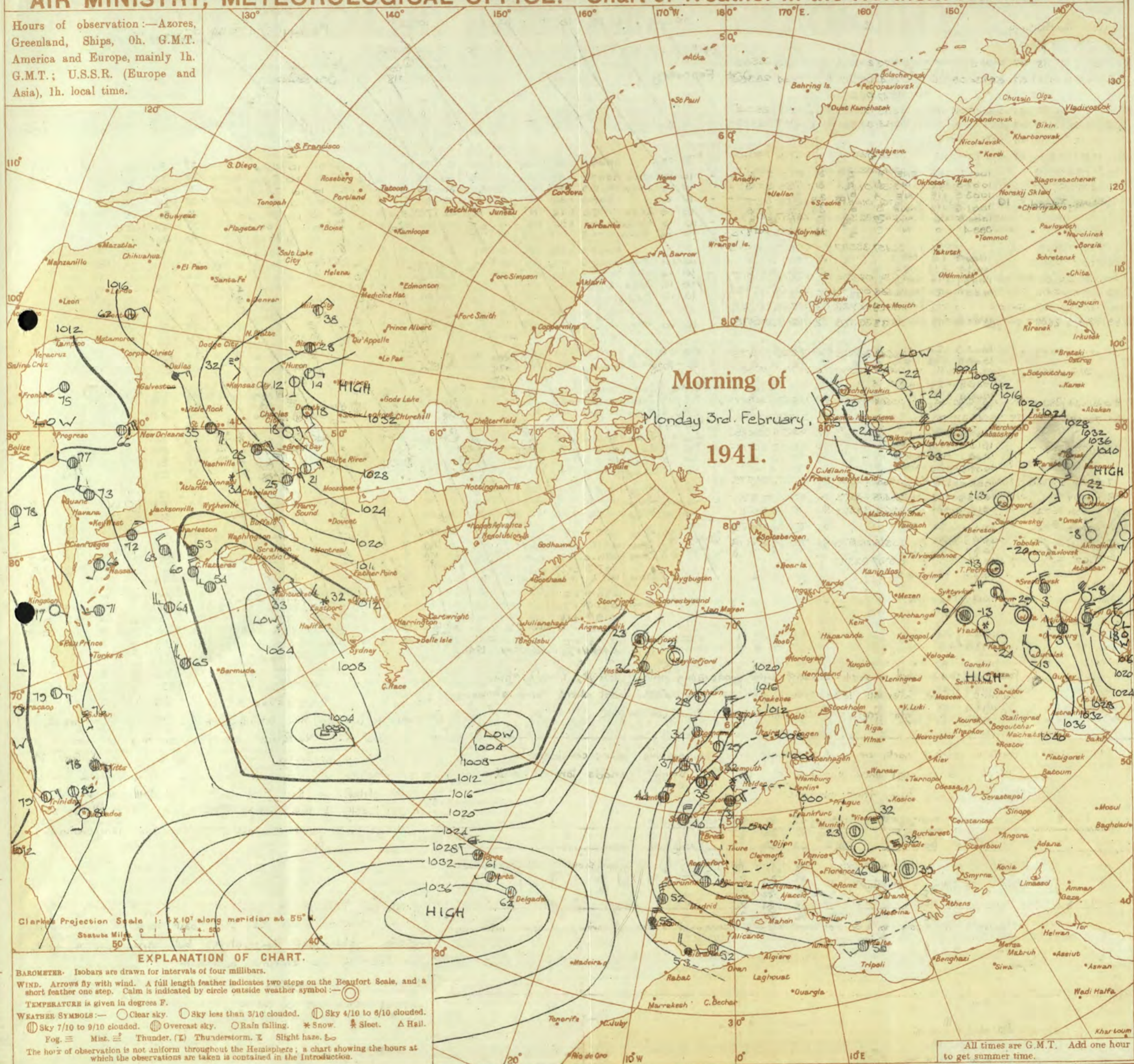
A quiet fair interval in most areas but still north winds and snow showers near the East Coast south of the Humber. Somewhat higher day temperatures but hard frost at night. Milder later in the extreme northwest. Gale warning in operation in part of districts 1 and 5. Time of issue 1840 2/2/41

Forecasts issued at 10.30h.  
H.M.S.O. Press, Crownhill 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.



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 3rd February 1941.  
No. 28,228

OBSERVATIONS at 1 hr. G.M.T. 3rd February														OBSERVATIONS at 7 hr. G.M.T. 3rd February														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. (20)	Humid. % (21)	Visiblity. (22)	Cloud.			State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUN-SHINE 2nd. 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-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	1001.2	+10	N	4	bc	31	85	6	5	10	10	1008.3	+3.6	NNE	4	sh	31	75	6	5	2	-	9.1	10	1500	4	*	37	30	26	-	0.2	0.9		
	Croydon ... 226	10	1002.3	+12	N	5	bc	31	75	6	5	10	10	1007.2	+3.8	NNE	5	sh	30	85	5	6	2	-	9.1	10	800	4	*	37	29	29	-	0.2	0.9		
	S. Farnborough ... 417	10	1003.5	+18	N	4	bc	30	75	7	-	-	-	1008.5	+3.6	NNE	5	sh	31	85	5	6	2	-	9.1	10	2000	4	*	37	30	*	-	0.2	0.9		
	Boscombe Down ... 10	10	1003.5	+18	N	4	bc	30	75	7	-	-	-	1009.0	+3.6	N	6	sh	28	85	6	5	2	-	9.1	10	1500	4	*	35	28	25	-	0.2	0.9		
	Thorney Island (N.) ... 346	10	1001.6	+18	N	5	bc	33	75	7	-	-	-	1007.6	+4.2	N	5	sh	32	75	7	5	-	-	10	10	2300	4	*	37	31	28	*	-	0.2	0.9	
	Lymington ... 154	10	1000.5	+6	N	5	bc	31	85	6	5	10	10	1005.1	+3.6	NNE	5	sh	30	85	6	-	2	-	10	10	800	8	*	37	29	28	-	2	5.0		
	Manston ... 154	10	1003.4	+6	N	5	bc	32	92	6	5	-	-	1004.8	+3.4	NNE	6	sh	32	75	6	5	-	-	10	10	2500	8	*	36	30	28	-	1	*		
2	Shoeburyness ... 11	11	1000.9	+6	N	5	bc	31	85	6	5	10	10	1007.2	+3.4	NNE	5	sh	31	92	5	5	-	-	10	10	1500	4	*	41	30	27	-	0.2	5.2		
	Felixstowe ... 15	15	1000.9	+6	N	5	bc	31	85	6	5	10	10	1006.3	+3.6	NNE	6	sh	30	75	7	5	-	-	10	10	2500	4	5	36	30	29	Tr	0.1	1.1		
	Gorleston ... 5	5	1002.7	+12	N	4	bc	31	85	6	5	10	10	1007.0	+2.8	NNE	5	sh	31	92	6	8	-	-	10	10	600	4	4	34	29	28	1	0.1	0.0		
	Mildenhall ... 19	19	1003.1	+14	N	4	bc	30	97	6	5	-	-	1008.7	+3.0	NNE	5	sh	31	87	6	5	2	-	9	10	2500	4	*	34	30	27	0.1	0.1	0.0		
	Cranwell ... 240	240	1006.1	+20	N	4	bc	30	92	4	6	-	-	1012.2	+3.4	NNE	5	sh	29	97	5	8	-	-	10	10	1500	8	*	35	28	28	0.1	0.5	1.2		
3	Birmingham ... 535	535	1004.5	+18	N	4	bc	30	85	6	5	-	-	1013.6	+3.4	N	3	bc	29	75	5	5	-	-	10	10	1500	7	*	35	27	26	*	0.2	1.1		
	Upper Heyford ... 408	408	1004.5	+18	N	4	bc	30	85	6	5	-	-	1010.4	+3.6	NNE	5	sh	29	85	6	5	-	-	10	10	2400	4	*	35	28	26	-	0.1	0.7		
4	Ross-on-Wye ... 223	223	1004.5	+18	N	4	bc	30	85	6	5	-	-	1012.6	+2.4	N	5	bc	31	85	6	5	-	-	10	10	1500	3	*	36	29	27	-	Tr	0.7		
5	Hartland Point ... 299	299	1005.5	+20	N	4	bc	31	85	6	5	-	-	1012.6	+4.4	NNE	5	bc	33	75	8	2	-	-	4.6	4.6	2500	3	4	37	32	30	8	-	0.1		
	Bristol ... 209	209	1005.9	+26	N	4	bc	31	85	6	5	-	-	1011.6	+3.2	NNE	4	bc	30	75	6	5	-	-	9.1	9.1	3000	4	*	36	30	25	Tr	0.2	0.1		
	Portland Bill ... 32	32	1005.8	+24	N	5	bc	31	85	6	5	-	-	1012.0	+4.6	NNE	3	bc	31	85	7	5	-	-	1	1	2000	8	3	38	29	27	8	0.0	0.0		
	Plymouth ... 84	84	1006.5	+18	N	5	bc	31	85	6	5	-	-	1012.6	+4.0	NNE	5	bc	33	75	8	5	-	-	4.6	4.6	2000	1	4	47	32	27	13	0.0	0.0		
	The Lizard ... 240	240	1006.5	+18	N	5	bc	31	85	6	5	-	-	1012.6	+4.0	NNE	5	bc	33	75	8	5	-	-	4.6	4.6	2000	1	4	47	32	27	13	0.0	0.0		
	Scilly (St. Mary's) ... 163	163	1007.8	+28	N	6	bc	31	85	7	8	-	-	1012.6	+4.0	NNE	6	bc	38	65	7	8	-	-	4.6	4.6	1500	1	5	50	35	*	13	0.7	0.0		
	Guernsey ... 175	175	1007.5	+8	N	3	bc	31	97	7	8	-	-	1014.0	+2.8	NNE	3	bc	33	85	7	8	-	-	7.8	7.8	2500	4	3	40	31	32	6	3	1.0		
6	Pembroke ... 142	142	1007.5	+8	N	3	bc	31	85	6	5	-	-	1014.0	+2.8	NNE	3	bc	33	85	7	8	-	-	7.8	7.8	2500	4	3	40	31	32	6	3	1.0		
7	Holyhead ... 26	26	1010.0	+44	N	5	bc	31	85	7	8	-	-	1016.3	+3.0	NNE	7	pr	35	75	7	8	-	-	7.8	7.8	2200	1	7	40	33	32	0.3	0.3	4.0		
	Chester (Sealand) ... 16	16	1009.1	+30	N	5	bc	31	85	6	5	-	-	1015.3	+4.0	NNE	4	bc	32	75	6	5	-	-	9.1	9.1	3500	4	*	37	31	27	-	Tr	7.4		
8	Manchester ... 70	70	1008.8	+30	N	5	bc	31	75	4	5	-	-	1014.5	+3.0	NNE	5	bc	31	85	4	5	-	-	10	10	1800	4	*	37	29	27	-	0.2	4.7		
10	Spurn Head ... 29	29	1005.6	+16	N	5	bc	32	92	7	5	-	-	1009.8	+1.6	NNE	5	bc	32	92	7	5	-	-	10	10	800	4	4	34	29	*	1	0.6	0.0		
	Catterick ... 175	175	1009.6	+22	N	5	bc	30	85	6	5	-	-	1014.8	+2.8	NNE	5	bc	32	85	6	5	-	-	10	10	1000	8	*	34	27	27	1	2	0.2		
	Tynemouth ... 108	108	1010.0	+24	N	5	bc	34	85	7	6	-	-	1015.6	+4.0	NNE	6	bc	35	92	7	6	-	-	10	10	5700	8	5	34	31	30	1	1	*		
11	St. Abbs Head ... 280	280	1013.0	+24	N	5	bc	31	85	8	5	2	-	7.8	10	1016.6	+1.6	N	3	bc	34	85	8	5	2	-	7.8	10	2000	7	3	34	31	*	1	Tr	0.0
	Leuchars ... 36	36	1014.8	+26	N	5	bc	30	85	7	8	6	-	7.8	9	1017.8	+1.0	N	2	bc	31	85	8	3	-	2.3	4.6	2500	8	*	36	27	23	2	Tr	4.2	
12	Reufrow (Abbots L.) ... 19	19	1015.7	+30	N	5	bc	30	75	7	5	3	-	1020.0	+1.8	N	1	bc	29	75	8	5	-	-	7.8	7.8	3500	4	*	41	28	21	Tr	0.2	1.5		
	Eskdalemuir ... 794	794	*	*	*	*	*	*	*	*	*	*	*	1017.9	+2.2	NNE	3	bc	27	75	7	5	-	-	1	1	2500	8	4	35	26	24	0.1	0.2	7.2		
	Point of Ayre ... 30	30	1012.0	+30	N	5	bc	34	85	8	4	1	-	2.3	9	1018.2	+2.6	NNE	5	bc	34	92	8	5	-	1	1	2500	0	4	41	34	*	-	-	0.0	
13A	Tiree ... 22	22	*	*	*	*	*	*	*	*	*	*	*	1020.7	+6	N	0	bc	37	76	8	5	-	-	9	9	2800	0	3	40	35	*	0.4	-	3.3		
13B	Stornoway ... 80	80	1018.0	+20	NNW	3	bc	34	85	8	5	7	-	7.8	9	1021.5	+2.0	N	3	bc	34	92	7	8	-	2.3	2.3	1500	1	2	39	31	*	1	0.5	0.9	
15	Dalwhinnie ... 1176	1176	*	*	*	*	*	*	*	*	*	*	*	1019.7	+1.8	NNE	1	bc	35	75	8	7	-	-	1	1	2500	8	*	33	15	10	2	Tr	0.0		
	Aberdeen ... 79	79	1016.2	+10	NNE	4	bc	30	85	7	7	-	-	1016.2	+10	NNE	4	bc	30	85	7	7	-	-	4.6	4.6	2500	8	3	35	28	26	1	Tr	0.0		
	Wick ... 81	81	1016.4	+14	WNW	2	bc	30	85	7	5	1	-	4.6	9	1017.3	+10	NNE	4	bc	30	92	8	5	-	4.6	4.6	1500	1	3	38	27	*	1	0.1	*	
16	Lerwick ... 166	166	1018.9	+6	N	4	pr	32	7	8	7	-	-	1017.6	+2.0	NNE	5	bc	35	92	7	8	-	-	4.6	4.6	800	1	*	36	31	*	1	1	0.1		
17	Blackod Point ... 18	18	1017.0	+32	N	5																															

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Tuesday 4th February 1941.  
No. 28929

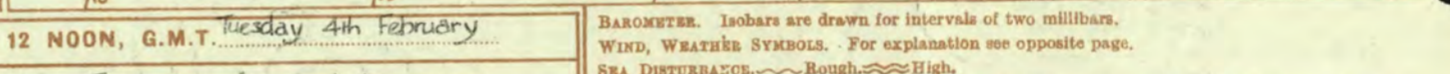
OBSERVATIONS at 13h. G.M.T. 3rd February														OBSERVATIONS at 18h. G.M.T. 3rd February														PAST 24 HOURS.								
Dissect.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. 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.						
				Dirac. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Form. (23)	Amount. (24)			Height of Base. (feet) (28)	7h.—18h. 3rd (37)					18h.—18h. 3rd (38)	18h.—3rd 1h.—4h. (39)	1h.—7h. 4h. (40)											
																										Low. (11)	Med. (12)			High (13)	Low 0-10 (25)	Total 0-10 (26)	Total 0-10 (27)			
1	London (Kew)...	1014.8	+2.6	NNE	5	iso	32	65	6	5	-	-	9+	9+	1500	1018.4	+2.2	NNE	3	iso	33	85	6	5	-	-	9+	9+	1500	4	*	iso	iso	iso	iso	
	Croydon ...	1015.2	+3.2	NNE	5	9/ps	30	75	6	9	-	-	9+	9+	2500	1017.8	+2.6	N	4	ps	32	85	4	9	-	-	10	10	1500	4	*	shmsps	cb	cb	cb	
	S. Farnborough	1015.4	+3.0	NEN	4	iso	32	75	6	5	7	-	9	10	1800	1019.0	+2.4	NW	3	so	32	85	6	5	2	-	-	7-8	10	2700	4	*	so	so	so	so
	Boscombe Down	1016.1	+2.8	NNE	5	iso	32	92	7	8	-	-	9	9	2000	1020.0	+2.6	NW	4	c/s	33	92	5	5	-	-	9+	9+	3000	4	*	so	so	so	so	
	Wickham (Hedon)	1014.2	+2.6	NNE	4	bc/s	33	75	7	8	3	-	4-6	4-6	2500	1018.7	+2.6	NE	4	iso	33	75	7	6	-	-	9+	9+	1500	4	*	so	so	so	so	
	Lympne ...	1011.5	+2.2	NNE	5	so	29	85	6	-	2	-	9+	9+	200	1017.0	+2.4	N	4	c	31	85	7	8	-	-	9+	9+	1500	8	4	so	so	so	so	
	Manston ...	1012.9	+3.4	NNE	6	iso	29	85	4	5	-	-	10	10	1200																					
2	Shoeburyness ...	1013.6	+2.4	N'E	3	c/s	32	85	8	8	3	-	7-8	9	1500	1017.9	+2.6	N'E	3	c	32	75	6	4	-	-	9+	9+	2500	4	*	omshiso	cb	cb	cb	
	Felixstowe ...	1012.5	+2.6	NNE	5	bc/ps	30	75	6	7	-	-	2-3	2-3	1600	1016.7	+2.4	N	4	c	32	75	7	5	-	-	9+	9+	4500	4	*	iso	so	so	so	
	Gorleston ...	1014.1	+1.6	NEN	6	iso	32	92	6	8	-	-	10	10	800	1017.3	+1.2	NE/N	6	c	32	92	6	8	-	-	7-8	7-8	800	4	3	iso	so	so	so	
	Mildenhall ...	1014.7	+2.0	N	4	c	33	75	8	3	-	-	4-6	7-8	2500	1018.2	+2.2	NNW	2	c/s	32	92	8	4	-	-	9+	9+	3000	4	*	iso	so	so	so	
	Cranwell ...	1017.0	+1.6	NW	4	so	32	92	5	5	-	-	10	10	1500	1019.8	+2.8	NNW	4	so	32	97	5	5	-	-	9+	9+	2000	8	*	iso	so	so	so	
3	Birmingham	1017.4	+1.2	N	3	so	32	75	5	5	-	-	9	9	4000	1019.7	+1.6	NNW	4	so	32	75	5	5	-	-	9	9	2500	7	*	iso	so	so	so	
	Upper Heyford	1016.4	+2.2	NNE	5	c/s	32	85	8	8	3	-	7-8	9	1800	1019.2	+1.2	N'E	3	c/s	32	97	6	5	-	-	10	10	2200	8	*	iso	so	so	so	
4	Ross-on-Wye ...	1018.1	+1.4	NNW	3	ps	32	92	6	5	-	-	4-6	4-6	2500	1021.2	+1.6	N	4	c	35	75	8	5	-	-	9+	9+	2500	1	*	iso	so	so	so	
5	Hartland Point	1018.5	+2.4	NNE	4	c	36	75	8	7	4	-	4-6	7-8	2500	1022.5	+2.6	N	5	bc	37	65	8	2	-	-	4-6	4-6	2500	4	5	bc	bc	bc	bc	
	Bristol ...	1017.9	+2.6	N'E	4	so	33	75	5	5	1	-	7-8	10	2000	1021.5	+2.0	N	4	so	34	75	6	5	-	-	9+	9+	3000	4	*	iso	so	so	so	
	Portland Bill ...	1015.5	+1.8	NNE	4	c	32	92	8	5	-	-	7-8	7-8	4000	1020.0	+3.0	N	3	c	33	92	7	5	-	-	10	10	2500	7	4	so	so	so	so	
	Plymouth ...	1018.3	+2.2	NNE	4	ps	34	65	7	8	-	-	9+	9+	2500	1022.4	+3.0	N	2	m	35	75	4	-	-	0	0	-	8	3	so	so	so	so		
	The Lizard ...	1018.4	+1.8	N	5	bc/ps	37	75	8	8	6	-	4-6	4-6	2500	1022.3	+2.0	N'E	4	bc	35	75	8	8	-	-	4-6	4-6	2500	1	4	ps	ps	ps	ps	
	Scilly (St. Mary's)	1019.2	+2.2	NNE	6	c/ps	39	75	8	8	6	-	4-6	7-8	1500	1022.8	+2.2	NNE	5	c	35	65	8	8	2	-	7-8	9+	1500	1	5	bc	bc	bc	bc	
	Guernsey ...																																			
6	Pembroke ...	1020.9	+1.6	N'E	4	bc	36	85	8	2	6	-	4-6	4-6	3000	1024.5	+1.8	N'E	4	bc	35	92	7	2	-	-	4-6	4-6	3000	6	3	ps	ps	ps	ps	
7	Holyhead ...	1021.6	+2.0	NW	5	bc	37	75	8	8	3	-	1	2-3	3900	1023.7	+1.0	NNW	6	eq	40	85	8	8	4	-	7-8	7-8	2500	1	5	ph	ph	ph	ph	
	Chester (Sealand)	1020.1	+1.8	NNW	4	c	36	65	8	5	-	-	9	9	3500	1022.7	+1.8	NNW	3	b	35	75	6	5	-	-	1	1	4000	1	*	iso	so	so	so	
8	Manchester ...	1019.2	+1.8	NW	4	c	35	92	8	5	-	-	10	10	3200	1021.6	+1.8	NNW	4	so	34	75	5	5	3	-	4-6	7-8	4000	4	*	iso	so	so	so	
10	Spurn Head ...	1016.0	+2.2	NNE	3	ps	34	92	7	5	3	-	7-8	9+	4000	1019.0	+1.6	NNE	4	c	34	52	7	5	3	-	4-6	9	4000	4	4	ps	ps	ps	ps	
	Catterick ...	1018.4	+1.6	NNW	3	bc	34	75	7	5	3	-	7-8	9+	3000	1021.3	+2.0	NNW	3	c	34	85	7	8	3	-	4-6	7-8	4500	8	*	iso	so	so	so	
	Tynemouth ...	1018.1	+1.6	NNW	5	bc	35	85	6	2	3	-	4-6	7-8	1800	1020.3	+1.0	N	5	c	33	75	6	8	-	-	7-8	7-8	1500	4	4	so	so	so	so	
11	St. Abbs Head	1018.2	+1.8	WNW	4	c	37	85	7	8	7	-	4-6	7-8	1600	1021.3	+1.2	NW	6	bc	38	65	8	4	4	4	2-3	4-6	2500	8	4	c	bc	bc	bc	
	Leuchars ...	1019.8	+1.0	NW	3	bc	38	85	8	7	-	-	2-3	4-6	3500	1022.3	+1.8	NNW	2	bc	35	75	7	4	4	-	4-6	4-6	3200	8	*	bc	bc	bc	bc	
12	RAF (Abbots I.)	1022.4	+1.8	WNW	3	b	40	65	9	7	4	-	Tr	Tr	3500	1024.8	+1.4	NNW	1	b	32	75	9	4	-	-	1	1	5000	1	*	bc	bc	bc	bc	
	RAF (Abbots I.)	1020.0	+1.8	N	4	bc	34	55	6	5	-	-	4-6	4-6	2500	1023.2	+2.2	NE	3	bc	33	75	7	5	3	-	2-3	4-6	1500	4	*	bc	bc	bc	bc	
	Point of Ayre ...	1021.8	+1.6	NNW	5	b	39	65	8	1	4	5	Tr	1	4000	1023.9	+1.0	N	4	b	33	75	8	4	-	-	1	1	2500	0	4	bc	bc	bc	bc	
13A	Tiree ...	1023.5	+1.2	N'E	4	bc	41	75	8	2	-	-	4-6	4-6	2500	1025.2	+1.6	N	4	bc	38	75	8	8	-	-	4-6	4-6	2100	0	4	bc	bc	bc	bc	
13B	Stornoway ...	1024.3	+1.6	NNE	5	c/ps	35	92	8	7	-	-	7-8	9+	1500	1025.8	+1.6	NNW	3	c	35	75	8	7	-	-	7-8	9+	1500	1	2	bc	bc	bc	bc	
15	Dalwhinnie ...	1022.3	+1.2	N	3	c	33	85	8	7	-	-	7-8	7-8	2500	1024.7	+2.2	-	0	c	31	85	7	8	-	-	9	9	1500	8	*	bc	bc	bc	bc	
	Aberdeen ...	1019.9	+1.4	NNW	3	bc	38	75	7	8	-	-	2-3	2-3	2500	1023.3	+2.2	NNW	3	ps	32	85	7	9	-	-	7-8	7-8	2500	4	3	bc	bc	bc	bc	
	Wick ...	1021.3	+1.8	NNE	4	bc	39	55	8	5	6	-	4-6	4-6	2500	1023.8	+1.2	N	3	bc	36	92	7	8	7	-	4-6	4-6	1500	1	3	pre	pre	pre	pre	
16	Lerwick ...	1020.9	+1.4	NE	5	c	38	75	8	7	-	-	4-6	7-8	1500	1024.1	+1.4	NW	3	c/s	33	92	7	8	7	-	4-6	7-8	1500	4	*	ps	ps	ps	ps	
17	Blackod Point...	1026.5	+1.0	-	0	bc	46	75	8	-	4	-	0	2-3	-	1028.2	+1.2	NW	1	bc	38	97	8	3	-	-	2-3	2-3	4000	0						

## AVIATION WEATHER CODE

13h. G.M.T.	3rd. Feb.	18h. G.M.T.	01h. G.M.T.	4th. Feb.	07h. G.M.T.
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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, C<sub>30</sub> = Form of low and medium cloud—See page 1.  
 V = Visibility. F = Force of wind—See page 4.  
 DD = Direction of wind ( $8 = E, 16 = S, 24 = W, 32 = N$ ).

7h. Tuesday 4th February 1941



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

### GENERAL INFERENCE.

A ridge of high pressure over Ireland and Scotland is moving east and a deep depression is approaching Iceland from southwest with an associated trough off West Ireland. Rain will spread slowly over Northern and Western districts preceded by snow locally in the North. Elsewhere, there will be a quiet fine interval with considerable fog and hard frost in the night and morning.

### FURTHER OUTLOOK.

Rain spreading east slowly but perhaps not reaching Eastern England till after to-morrow. Milder generally and much milder for two or three days in the West and North.

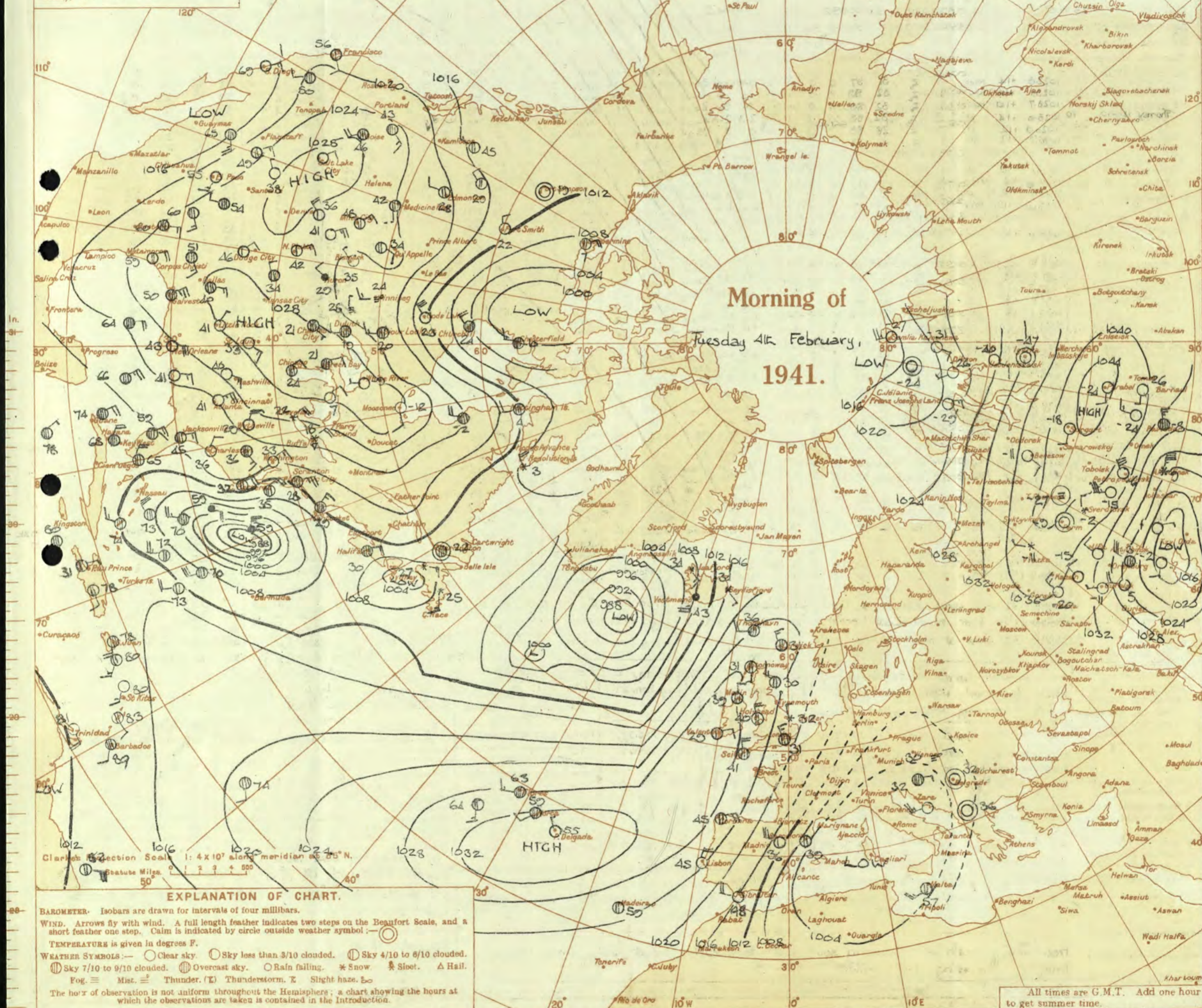
N. K. JOHNSON. D.Sc., A.R.C.S.  
Director.

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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. <span style="float: right;">Tuesday 4th February</span>
1 S.E. England	Moderate north wind becoming light variable. Fair apart from slight snow showers at first, near East coast. Fog fairly general night and morning. Cold, hard frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light variable wind freshening from South later. Fine today and early tonight; cloudy tomorrow with possibly rain by noon. Local fog tonight. Cold frost at night becoming milder tomorrow
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light variable wind, freshening from South tomorrow. Fine today, snow spreading east tomorrow and turning to rain. Local fog night and morning. Cold, hard frost at night, temperature rising tomorrow.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Freshening south wind veering southwest tomorrow. Fair at first, some rain tonight. Becoming much milder.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Tuesday 4th February 1941.  
No. 28,920

OBSERVATIONS at 1 hr. G.M.T. 4th February														OBSERVATIONS at 7 hr. G.M.T. 4th February														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. 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).	Min. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.			Night 18h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Wednesday 5th February 1941.  
No. 28500

OBSERVATIONS at 13h. G.M.T. 4th February														OBSERVATIONS at 18h. G.M.T. 4th February														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. (29)	Change in 8 hours. (30)	WEATHER.					
				Direc. (3)	Force. (4)																										

7h. Wednesday 5th February 1941

7h. Wednesday 5th February 1941.

LOW

996

1000

1002

1004

1006

1008

1010

1012

LOW

39° -52

32° +48

34° -32

27° -40

32° -46

26° -34

29° -30

27° -28

27° -12

32° -6

22° -14

25° -22

37° -22

38° -18

41° -30

38° -22

35° -38

20° -28

31° -24

48° -14

50° -2

42° -32

45° -58

57° -8

Falling

Rapidly

HIGH

Scale 1:10,000,000

100 0 100 200 300

Statute Miles.

15° 10° 5° W. 0° 5° E.

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).

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 Northwest Scotland will move northeast and an associated trough will cross the British Isles, though its movement will become slow when it reaches England. There will be a southerly gale at first at exposed places in the West and North veering and moderating later. Precipitation will spread to all districts and will be snow or sleet over England except the southwest, though by tomorrow a thaw will be general.

## FURTHER OUTLOOK

Unsettled and mild with winds between south and west.  
Probably a short fair interval at first in the South east.  
★ Gale Warning in operation in districts 5, 6, 7, 8, 11, 12, 13, 15  
16, 17, 18, 19 and 20.

Times of issue 1435, 1800 4.2.41 and 0550 5/2/41

Forecasts issued at 10.30h.

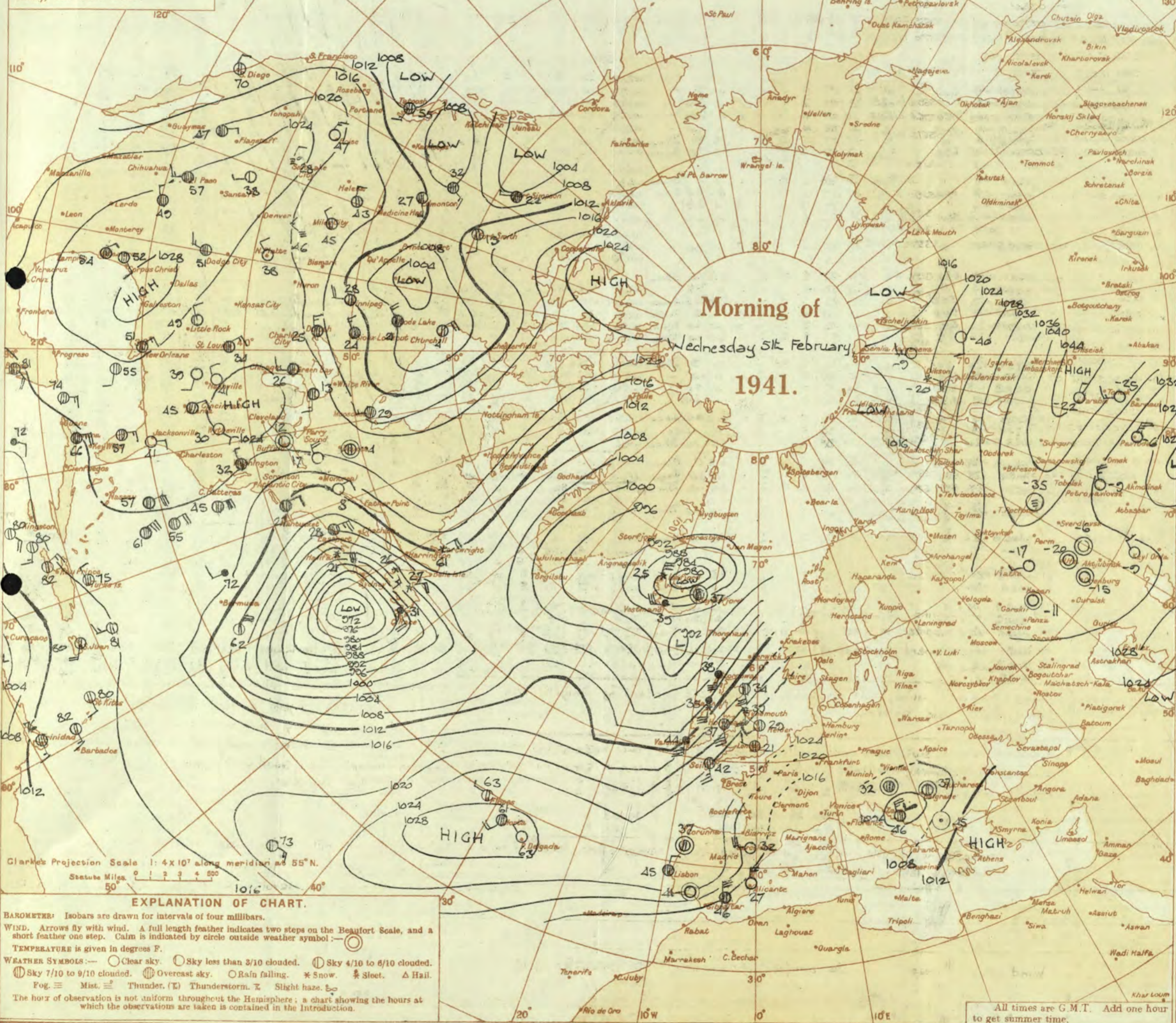
N. K. JOHNSON, D.Sc., A.R.C.S.,  
Director.

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

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

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

Morning of  
Wednesday 5th February  
1941.



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 5th February														OBSERVATIONS at 7 hr. G.M.T. 5th February														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 4th 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
1	London (Kew) ... 18	1026.3	-2	WNW	2	0	b	21	97	3	-	4	0	Tr	1026.3	-2	SW	1	0	26	85	6	5	-	0	0	2500	3	*	35	23	10	0.1	Tr	0.4		
	Croydon ... 217	1026.3	-8	WNW	2	0	b	25	97	2	-	4	0	Tr	1026.3	-14	SSW	3	0	22	97	6	4	0	0	5700	3	*	34	20	18	Tr	-	0.8			
	S. Farnborough ... 226	1026.3	-8	WNW	2	0	b	25	97	2	-	4	0	Tr	1026.3	-14	SSW	3	0	22	97	6	4	0	0	5700	3	*	37	22	17	Tr	-	3.3			
	Boscombe Down ... 417	1026.7	-6	ESE	2	0	b	26	97	4	-	8	0	2-3	1022.8	-22	SE/E	4	0	28	85	7	-	7	0	0	3	*	38	24	20	Tr	-	5.2			
	Canvey Island ... 10	1026.7	-6	ESE	1	1	z	28	85	6	5	3	7	0	1023.4	-14	E	3	0	28	85	6	-	7	0	0	3	*	39	24	20	Tr	-	5.2			
	Lymington ... 346	1026.0	-4	N	1	1	z	25	97	6	5	3	7	0	1023.0	-10	E	0	0	25	85	7	5	-	0	0	3000	8	*	34	24	15	Tr	-	4.7		
	Manston ... 154	1026.5	-6	SSE	1	0	z	30	92	6	8	-	7-8	7-8	1024.2	-10	SW/S	1	0	25	85	6	2	0	0	2500	*	*	33	23	*	0.1	Tr	*			
2	Shoeburyness ... 11	1026.4	-8	-	0	0	b	28	85	6	5	-	1	5000	1024.2	-8	SW	2	0	30	85	6	5	3	-	4-6	0	4	*	37	25	16	Tr	0.1	4.0		
	Felixstowe ... 15	1026.1	-6	NNW	1	0	b	29	97	6	8	-	3	500	1023.8	-18	SW	2	0	30	70	6	5	-	4-6	4	1	1	35	26	24	Tr	0.1	1.0			
	Gorleston ... 5	1026.1	-6	NNW	1	0	b	29	97	6	8	-	3	500	1023.8	-18	SW	2	0	30	70	6	5	-	4-6	4	1	1	35	26	24	Tr	0.1	1.0			
	Mildenhall ... 19	1026.7	-6	-	0	0	z	20	92	5	-	5	0	2-3	1023.5	-16	SE	2	0	22	85	5	5	-	2-3	4	3	3	36	20	15	Tr	-	1.4			
	Cranwell ... 240	1026.7	-10	SSW	3	0	z	25	92	4	-	6	0	4-6	1023.3	-16	S	3	0	25	97	5	5	-	0	0	5000	8	*	35	22	12	Tr	-	6.4		
3	Birmingham ... 535	1026.5	-6	E	1	3	z	25	97	4	-	7	0	10	1026.0	-10	SSE	3	0	27	75	5	-	1	0	0	8	*	37	25	21	-	-	4.3			
	Upper Heyford ... 408	1026.5	-6	E	1	3	z	25	97	4	-	7	0	10	1026.0	-10	SE	3	0	24	97	4	5	-	4-6	10	1300	3	*	37	23	13	-	-	-		
	Ross-on-Wye ... 223	1026.5	-6	E	1	3	z	25	97	4	-	7	0	10	1026.0	-10	SE	3	0	24	97	4	5	-	4-6	10	1300	3	*	40	29	20	-	-	7.1		
4	Hartland Point ... 299	1023.1	-18	SSE	3	0	c	33	65	8	5	2	-	2-3	1020.7	-26	SSE	3	0	28	85	5	-	2	0	10	3	*	39	27	19	-	-	5.8			
	Bristol ... 209	1025.5	-14	S	2	0	z	29	85	4	-	6	0	7-8	1020.7	-26	SSE	3	0	28	85	5	-	2	0	10	3	*	39	27	19	-	-	5.8			
	Portland Bill ... 32	1025.0	-18	ESE	2	0	b	35	92	7	5	-	2-3	4000	1020.8	-18	SE	4	0	38	92	7	5	-	10	10	2500	6	*	37	32	23	Tr	-	-		
	Plymouth ... 82	1024.9	-18	SE/E	2	0	z	29	85	6	5	1	8	0	1020.8	-22	S	4	0	37	85	7	-	2	0	10	2000	7	*	41	27	23	Tr	-	6.8		
	The Lizard ... 240	1023.0	-20	SSE	5	0	z	40	92	8	5	-	10	10	1018.2	-30	SSE	7	0	40	92	6	5	-	10	10	1500	1	5	40	35	17	Tr	-	4.9		
	Scilly (St. Mary's) ... 163	1022.1	-26	SE	5	0	c	42	92	8	8	2	-	2-3	1018.8	-30	SW	5	0	41	97	6	8	2	-	7-8	10	1500	1	3	40	37	2	Tr	-	6.7	
	Guernsey ... 175	1022.1	-26	SE	5	0	c	42	92	8	8	2	-	2-3	1018.8	-30	SW	5	0	41	97	6	8	2	-	7-8	10	1500	1	3	40	37	2	Tr	-	6.7	
5	Pembroke ... 142	1020.7	-24	SE	7	0	c	40	85	7	8	-	9	0	2500	1014.5	-22	SE	7	0	38	97	7	8	-	10	10	2500	1	5	41	37	*	-	3	4.3	
	Holyhead ... 26	1019.9	-28	SSE	6	0	c	37	85	8	-	2	0	10	1012.3	-38	SSE	7	0	35	97	6	6	2	-	0	10	800	1	5	43	35	32	-	-	7.2	
	Chester (Sealand) ... 16	1023.5	-18	SSE	3	0	z	30	85	4	-	1	0	10	1017.3	-28	SE/E	5	0	30	92	5	-	2	0	10	3	*	37	29	21	-	-	5.4			
	Manchester ... 70	1024.4	-18	SSE	3	0	b	30	85	5	-	1	0	2-3	1018.6	-28	SSE	4	0	30	92	5	-	2	0	10	5700	3	*	39	27	20	-	-	3.9		
10	Spurn Head ... 29	1025.8	-6	SW	2	0	b	29	85	7	4	3	-	2-3	4000	1022.5	-12	SW	4	0	27	85	7	4	5	-	2-3	4000	8	3	39	26	*	4	-	6.6	
	Catterick ... 175	1024.4	-18	S	1	0	z	19	85	4	-	2	0	10	1018.7	-28	S	4	0	27	85	4	-	2	0	10	4	*	36	15	10	Tr	-	5.6			
	Tynemouth ... 108	1023.5	-20	S	4	0	z	30	85	5	-	10	10	3300	1018.2	-30	S	5	0	29	85	6	5	-	10	10	4600	4	4	36	28	27	0.3	-	4		
11	St. Abbs Head ... 280	1020.5	-28	SSW	4	0	c	30	85	7	5	1	-	4-6	0	1013.0	-36	S	6	0	30	85	7	5	2	-	0	10	0700	4	3	38	30	*	-	*	
	Leuchars ... 36	1019.6	-28	SSE	5	0	z	32	75	6	-	2	-	10	10	1012.6	-32	SSE	6	0	31	97	5	6	-	10	10	800	*	*	40	*	-	*	*		
12	Renfrew (Abbots L.) ... 19	1017.1	-38	SSE	4	0	z	30	75	5	2	-	4-6	10	1009.0	-46	SSE	4	0	32	92	4	-	2	-	10	10	1200	7	*	37	31	29	-	3	0.1	
	Eskdalemuir ... 794	1019.4	-34	S	5	0	z	38	65	7	-	2	-	10	10	1013.5	-34	SW	4	0	26	97	3	-	2	-	10	10	1150	8	*	36	23	17	-	0.4	7.1
	Point of Ayre ... 30	1019.4	-34	S	5	0	z	38	65	7	-	2	-	10	10	1011.2	-36	SW	6	0	34	97	6	-	2	-	10	10	1500	1	5	42	33	*	2	6.8	
13a	Tiree ... 22	1006.5	-44	S	8	0	z	38	92	6	5	2	-	7-8	10	895.3	-52	S	8	0	39	85	6	5	2	-	0	10	1200	1	6	39	37	*	-	12	0.8
13b	Stornoway ... 80	1006.5	-44	S	8	0	z	38	92	6	5	2	-	7-8	10	895.3	-52	S	8	0	39	85	6	5	2	-	0	10	1200	1	6	39	37	*	-	12	0.8
15	Dalwhinnie ... 1176	1006.5	-44	S	8	0	z	38	92	6	5	2	-	7-8	10	1006.5	-40	SSE	6	0	27	92	1	-	-	10	10	1150	8	*	39	26	25	-	-	2.7	
	Aberdeen ... 79	1014.3	-24	S	6	0	z	36	65	7	5	2	-	7-8	10	1010.0	-32	S	6	0	34	75	6	6	2	-	10	10	2500	4	*	40	31	26	-	-	6.0
	Wick ... 81	1014.3	-24	S	6	0	z	36	65	7	5	2	-	7-8	10	1004.2	-38	S	8	0	32	97	4	0	-	10	10	1500	4	5	37	32	*	-	0.1	-	
	Lerwick ... 156	1019.4	-34	S	5	0	z	38	65	7	-	2	-	10	10	1007.8	-28	S	8	0	40	65	8	5	7	-	7-8	0	1	38	36	*	-	-	0.3	-	
17	Blackad Point ... 18	1002.5	-38	S	8	0	z	40	97	7	6	-	10	10	1001.2	-14	WSW	3	0	48	97	7	6	-	10	10	800	2	4	43	38	*	0.5	16	*		
	Malin Head ... 84	1006.2	-72																																		

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

~~SECRET~~  
BRITISH SECTION  
METEOROLOGICAL  
JAN 1941

No. 2873

PAST 24 HOURS

## WEATHER

OBSERVATIONS at 13h. G.M.T. 5th February

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

PAST 24 HOURS

Direction.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	°C. (7)	Visibility. 0-10 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	°C. (21)	Visibility. 0-10 (22)	Cloud.					State of Sky 0-9 (29)	Sea. 0-9 (30)	WEATHER.						
				Dir.	Force. 0-12 (4)					Low.	Med.	High.	Low 0-10 (12)	Total 0-10 (13)			Height of Base (feet) (14)	Low.					Med.	High.	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)			7h.—13h. 5th (37)	13h.—18h. 5th (38)	18h.—7h. 6th (39)	7h.—7h. 6th (40)			
1	London (Kew)...	1019.6	-24	S	4	Z.	33	85	6	5	-	-	10	10	1500	1015.1	-24	S	4	2	32	75	6	5	1	-	5	10	1500	1	*	cbcmxcm	cmo	cs3ss	sscm	
	Croydon ..	1020.0	-26	SSE	3	c	31	85	7	5	2	-	7-8	10	1200	1015.3	-24	S	4	2	31	85	6	5	2	-	7-8	10	1400	4	*	becmoc	cmo	cs3ss	sscm	
	S. Farnborough	1019.7	-26	SSE	3	is.	33	85	6	6	2	-	7-8	10	800	1015.2	-26	SSE	5	12	32	75	6	5	2	-	7-8	10	1000	3	*	cbmxcsms	cmo	cs3ss	sscm	
	Boscombe Down	1018.2	-34	SSE	5	is.	34	75	7	5	7	-	7-8	10	1600	1014.0	-22	SSE	5	5	31	75	6	5	2	-	7-8	10	800	8	*	cmxcis.	cmo	cs3ss	sscm	
	Thorney Island	1020.0	-24	S	5	c	34	75	8	5	2	-	9	10	1500	1015.8	-16	S	5	5	34	75	8	5	7	-	7-8	10	1500	1	*	cbcc	cmo	cs3ss	sscm	
	Lymington	1022.2	-14	SSE	2	c	32	85	8	5	2	-	10	10	2000	1018.0	-16	S	5	5	29	85	7	5	7	-	7-8	10	2000	8	*	cbcc	cmo	cs3ss	sscm	
	Manston	1021.5	-16	SW	3	c	33	75	8	1	-	6	2-3	7-8	2200	1018.0	-16	SSE	3	2	28	85	7	5	7	6	7	10	2500	3	*	bcc	cmo	cs3ss	sscm	
2	Shoeburyness ...	1021.2	-18	S	3	c	34	97	8	-	4	7	0	9	4000	1017.6	-16	S	4	3	31	85	8	5	-	-	7	10	2500	3	*	bcc	cmo	cs3ss	sscm	
	Felixstowe	1020.9	-22	SW	3	c	36	65	8	1	-	6	Tr	9	4000	1017.3	-4	S	5	3	31	75	8	5	2	-	7	10	3000	4	*	bc	cmo	cs3ss	sscm	
	Gorleston	1021.2	-18	SSE	4	c	34	85	7	8	-	6	7-8	7-8	1500	1017.3	-24	SW	5	3	31	85	6	5	-	-	7	10	3000	4	*	cbcc	cmo	cs3ss	sscm	
	Mildenhall	1019.4	-32	SSE	4	c	33	92	7	-	2	6	0	9	-	1014.7	-26	SSE	5	3	32	97	7	5	2	-	7	10	2500	3	*	cmxcis	cmo	cs3ss	sscm	
	Cranwell	1017.4	-42	SSW	2	Z.	31	85	6	-	2	-	0	10	-	1011.8	-32	S	6	3	32	92	6	5	-	-	7	10	800	8	*	cmo	cmo	cs3ss	sscm	
3	Birmingham	1014.8	-30	SSE	4	c/s	31	85	6	6	2	-	4-6	10	1500	1008.8	-26	S	4	3	31	97	4	6	-	-	7	10	800	8	*	cis.	cmo	cs3ss	sscm	
4	Upper Heyford	1017.9	-34	SSE	4	Z.	33	85	6	5	7	-	4-6	10	3000	1012.8	-30	SSE	5	3	33	97	4	6	-	-	7	10	800	8	*	cis.	cmo	cs3ss	sscm	
	Ross-on-Wye	1014.7	-30	SSE	4	rs	34	92	5	6	-	-	10	10	800	1009.0	-26	SSE	5	3	33	97	4	6	-	-	7	10	800	8	*	cmxcis	cmo	cs3ss	sscm	
5	Hartland Point	1010.2	-40	S	6	rs	36	97	7	6	2	-	4-6	10	500	1005.8	-18	S	6	id.	40	92	6	6	2	-	4-6	10	600	1	5	rs.	cmo	cs3ss	sscm	
	Bristol ...	1015.7	-34	SSW	5	rs	35	92	6	6	2	-	7-8	7-8	1000	1010.6	-16	S	6	rs.	34	92	6	6	2	-	7-8	10	700	4	*	rs.	cmo	cs3ss	sscm	
	Portland Bill	1017.2	-20	S	4	c	38	92	7	5	-	-	10	10	2500	1012.4	-20	S	5	rs.	36	92	7	5	-	-	7	10	2500	4	*	rs.	cmo	cs3ss	sscm	
	Plymouth	1015.5	-26	S	4	c	38	97	5	6	2	-	9	10	800	1010.8	-24	SSE	5	RR	41	97	4	6	2	-	9	10	400	1	4	rs.	cmo	cs3ss	sscm	
	The Lizard	1012.9	-30	S	7	rr	41	97	5	5	-	-	10	10	1500	1007.7	-10	SW	7	id.	47	97	5	5	-	-	7	10	1000	1	6	rr	cmo	cs3ss	sscm	
	Scilly (St. Mary's)	1009.5	-26	S	6	rr.	46	97	5	6	-	-	10	10	800	1007.3	-6	W	4	id.	48	97	5	5	-	-	7	10	800	1	4	rr	cmo	cs3ss	sscm	
	Guernsey	1008.8	-26	SSE	8	rr.	41	97	5	8	-	-	10	10	1500	1003.5	-20	SW	5	rr	46	97	1	-	-	-	7	10	2150	1	5	rr.	cmo	cs3ss	sscm	
6	Pembroke	1006.3	-30	SSE	7	rr.	37	97	6	6	2	-	10	10	500	1001.7	-18	SSE	5	RR	41	97	5	6	2	-	7	10	500	1	6	rr.	cmo	cs3ss	sscm	
7	Headlyhead	1009.4	-54	SE	5	ss.	32	85	4	6	2	-	10	10	600	1004.1	-26	SSE	5	rs.	35	92	6	6	2	-	7-8	10	300	6	*	cmo	cmo	cs3ss	sscm	
8	Chester (Sealand)	1012.9	-38	SSE	5	sh.	34	97	5	5	2	-	9	10	1500	1007.0	-26	SSE	5	rs.	33	97	4	6	2	-	7-8	10	600	4	*	cmo	cmo	cs3ss	sscm	
10	Spurn Head	1016.5	-28	SSE	6	c	32	85	6	5	1	6	2-3	9	4000	1009.3	-26	SSE	7	cq	32	92	6	-	2	8	0	9	-	8	5	c	cmo	cmo	cs3ss	sscm
	Catterick	1012.8	-42	S	5	ss.	30	92	4	-	2	-	10	10	2800	1005.6	-42	SW	4	ss.	32	92	4	-	2	-	7	10	1000	8	3	c	cmo	cmo	cs3ss	sscm
	Tynemouth	1011.2	-32	S	6	o	31	85	6	5	-	-	10	10	1800	1003.6	-40	SSE	8	o	33	85	6	5	-	-	7	10	1500	4	6	c	cmo	cmo	cs3ss	sscm
11	St. Abbs Head	1005.2	-32	S	8	c/s	29	92	6	5	-	-	10	10	2000	998.6	-18	S	6	ss	31	97	3	5	-	-	7	10	1500	1	7	ss.	cmo	cmo	cs3ss	sscm
	Leuchars	1005.4	-28	S	6	ss	32	92	4	-	2	-	10	10	700	998.4	-18	SSE	4	ss	33	97	4	-	2	-	7	10	1500	1	7	ss.	cmo	cmo	cs3ss	sscm
12	Beafrew (Abbots I.)	1003.4	-30	SSE	3	rs	35	97	5	5	2	-	4-6	9	900	997.3	-20	S	4	rs.	37	85	4	6	2	-	7	10	700	8	*	ss.	cmo	cmo	cs3ss	sscm
	Eskailemuir	1006.8	-30	S	4	ss	28	97	3	-	2	-	10	10	450	1000.5	-32	SW	4	ss	31	97	3	-	2	-	7	10	2150	9	*	ss.	cmo	cmo	cs3ss	sscm
	Point of Ayre	1004.6	-32	SW	7	rr.	37	97	6	6	2	-	7-8	10	800	999.6	-10	WSW	4	rr	43	97	7	6	2	-	7-8	10	800	1	4	rr.	cmo	cmo	cs3ss	sscm
13	Tiree	991.3	0	S	8	rr.	41	97	6	5	2	-	9	10	800	991.4	+2	NW	3	rr.	40	92	7	5	2	-	4-6	10	1000	1	2	rr.	cmo	cmo	cs3ss	sscm
14	Stornoway	1000.0	0	S	6	rs.	31	92	4	-	-	-	10	10	800	991.4	+2	NW	3	rs.	33	85	4	-	-	-	7	10	1000	1	2	rr.	cmo	cmo	cs3ss	sscm
15	Dalwhinnie	1003.4	-34	S	7	ss	33	97	4	6	2	-	9	10	450	998.1	-20	S	5	rs.	33	97	3	6	2	-	7	10	800	7	5	ss.	cmo	cmo	cs3ss	sscm
	Aberdeen	999.4	-34	S	8	cq	34	92	6	6	2	-	4-6	10	1500	992.8	-2	S	6	rr	36	97	6	5	-	-	7	10	1500	1	4	ss.	cmo	cmo	cs3ss	sscm
	Wick	997.2	-56	S	9	rr	36	92	4	-	2	-	10	10	450	991.7	-6	S	9	rr	38	92	6	6	2	-	4-6	10	450	1	4	rr.	cmo	cmo	cs3ss	sscm
16	Lerwick	997.2	-56	S	9	rr	36	92	4	-	2	-	10	10	450	991.7	-6	S	9	rr	38	92	6	6	2	-	4-6	10	450	1	4	rr.	cmo	cmo	cs3ss	sscm
17	Blackod Point	1001.8	-8	W	2	rr.	46	97	7	6	-	-	10	10	800	1001.2	0	W	3	c	45	92	7	3	3	-	4-6	7	1500	1	3	rr.	cmo	cmo	cs3ss	sscm
18	Malin Head	999.3	-6	SSW	4	id.	41	93	5	3	-	-	10	10	450	996.7	-8	SW	4	c/pr	43	92	8	6	6	-	4-6	7-8	1500	1	3	id.	cmo	cmo	cs3ss	sscm
	Aldergrove	1001.6	-20	S	4	id.	41	92	7	5	2	-	9	10	1000	999.0	-10	SW	3	c/r	41	97	7	5	-	-	7	10	1200	2	*	rr.	cmo	cmo	cs3ss	sscm
19	Birr Castle	1003.4	-2	SSW	1	c	48	92	7	5	-	-	10	10	2500	1002.3	-6	SSW	4	rr	46	92	7	6	2	-	7-8	10	1500	1	5	c	cmo	cmo	cs3ss	sscm
20	Valentia Obsy. †	1006.4	+2	WN	2	id.	48	97	5	5	-	-	10	10	450	1005.9	0	WNW	6	c/r	43	97	6	5	2	-	7-8	10	450	1	5	c	cmo	cmo	cs3ss	sscm
	Roche Point	1005.1	+2	W	2	c	50	92	8	8	-	-	4-6	9	1500	1004.5	0	W	8	c	49	92	8	6	7	-	7-8	9	1500	1	5	c	cmo	cmo	cs3ss	sscm

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.  
fe, low fog over sea (coast station).  
fg, low fog over land (inland station).  
m, mist, visibility 1100-2200 yds.  
b, hail. i, intermittent.  
Jf, fog at a distance, but not at station.  
p, precipitation within sight of station.  
sa, storm of drifting snow.  
sa, slight storm of drifting snow (generally low).  
sB, heavy storm of drifting snow (generally low).  
saK, slight storm of drifting snow (generally high).  
sLK, heavy storm of drifting snow (generally high).  
sq, line squall. l, lightning.

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 intensity;  
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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

	Cirrus, -Ci :	Cirrocumulus, -Cc :	Cirrostratus, -Cs :
	Stratocumulus, -Sc :	Stratus, -St :	Nimbostratus, -Ns :
0 . .	Ground dry.		
1 . .	" wet.		7 . .
2 . .	" flooded.		
3 . .	" frozen hard and dry.		8 . .
4 . .	" partly covered with snow or hail.		9 . .

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

COLUMN 29 — STATE OF GROUND

- | STATE OF GROUND.                         |  |
|--|--|
| 0 .. Ground dry.                         | 7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen. |
| 1 .. " wet.                              | 8 .. " covered with snow, less than 6 ins., but ground frozen.               |
| 2 .. " flooded.                          | 9 .. " covered with snow greater than 6 ins. deep.                           |
| 3 .. " frozen hard and dry.              |  |
| 4 .. " partly covered with snow or hail. |  |

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Thursday 6th February 1941  
No. 28. 2.31.

[illegible]

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

§ Sea disturbance reported from Dungeness.

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Friday 7th February 1941.  
No. 28932.

OBSERVATIONS at 13h. G.M.T. 6th February														OBSERVATIONS at 18h. G.M.T. 6th February														PAST 24 HOURS.			
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.				Height of Base (feet) (14																		

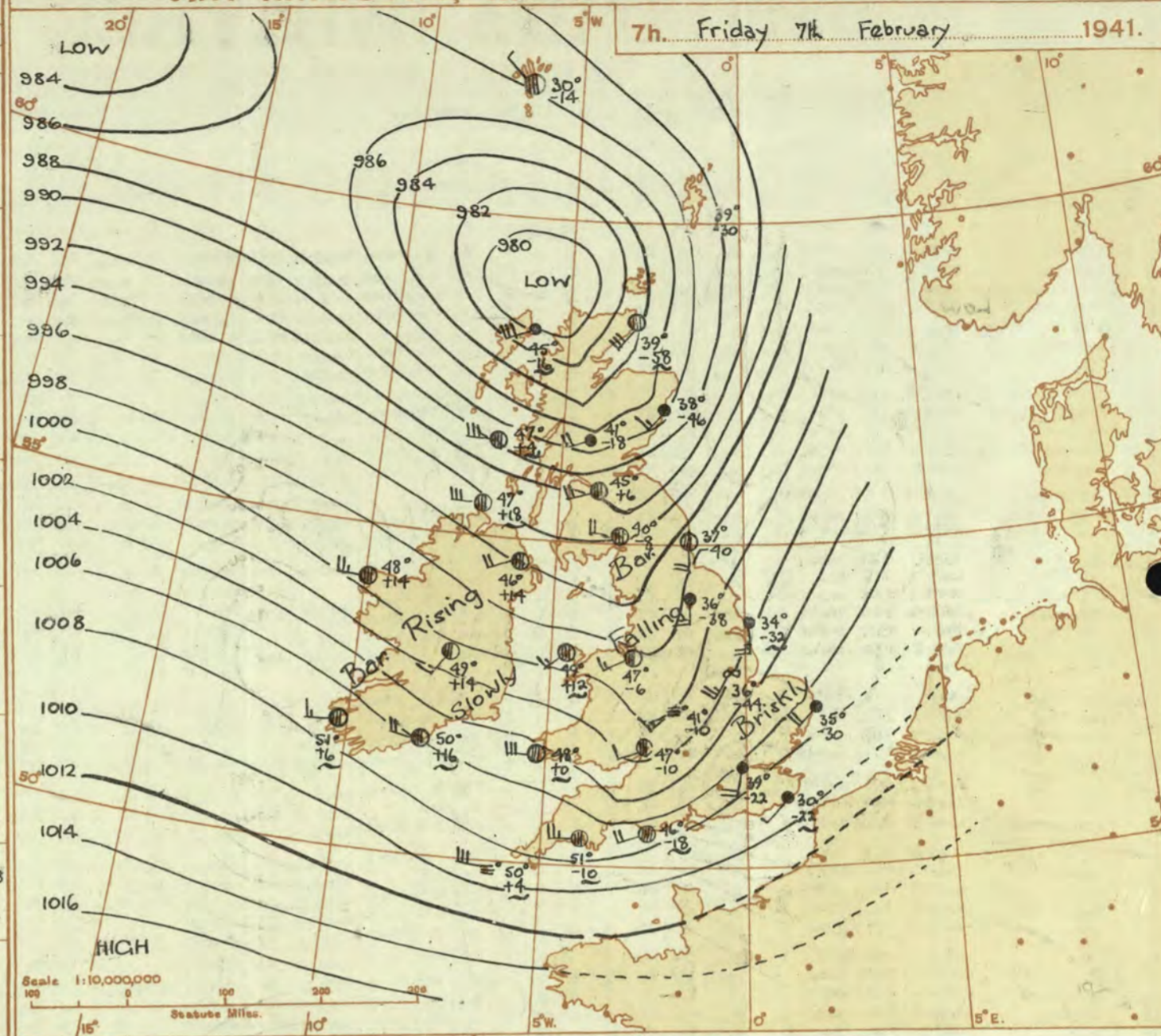
Abridged observations of additional stations in the

# AVIATION WEATHER CODE

13h. G.M.T. 6h. February				18h. G.M.T.				01h. G.M.T. 7h. February				07h. G.M.T.			
IIIC	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	80	01963	22483	90	01853	22584				62	64636	47568			
115	56	14844	55585	87	81834	55586				52	62735	20568			
203										5-	64728	16468			
206	50	00953	22313	57	01853	23225	62	62748	00068	62	62734	20168			
210	70	00362	22303	54	02962	20316	02	61858	17368	52	61747	19368			
220	94	27844	23284	52	02744	18218									
230	86	02553	20285	9-	88638	20388	62	66636	18468	52	63645	53768			
245	46	00361	22201	04	05690	24125	02	64648	18368	5-	05638	18468			
260	00	05590	22200	49	05662	22114	52	62655	18168	52	64645	16467			
277	37	02841	23417	87	02754	18228	5-	64628	16468	57	02765	21567			
279	23	01852	23314	89	05652	18427	02	64608	20468	5-	05658	20228			
285	20	01854	28414	8-	02747	30427				23	02634	26665			
288	5-	05655	23225	03	05690	20113	01	05690	18128	52	05645	49468			
273										43	05654	24517			
301	00	05662	28314	07	05690	24316	02	62548	16368	57	05655	24466			
321	53	05665	26216	00	05590	25114	02	57390	15358	5-	21457	22358			
299	57	05543	22315	57	05553	28213	50	05553	26213	5-	62548	24468			
292	50	01863	28243	00	01690	24114	52	67326	14148	62	52426	14368			
310															
316	06	08490	26242	00	08490	26214	02	61490	16248						
333	20	01852	28413	13	02952	24227	02	64628	18268	21	02753	23567			
334	--	01852	28403	--	01854	24315									
340	80	01752	28313	44	00761	00013	02	62658	15268	5-	05647	20267			
136															
336	24	01752	04413	24	02753	04415									
350	54	05444	26355	51	05541	27212				62	52528	03339			
368	80	01854	28314												
379				57	01751	26213	02	61668	24128	--	46109	20469			
390	53	05665	25557	51	05565	28515	07	47390	20243	5-	67348	17368			
382	77	01753	28314	44	01762	28124	02	61668	00068	52	21636	20258			
438	5-	02745	22315							5-	57118	22468			
430	23	02851	28116	40	02751	28216	02	05590	00028	02	63438	20468			
409	24	00852	36453	02	62638	22368	5-	05528	21668	02	57108	53568			

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.



### DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 7th February 1941

1 S.E. England	Fresh southerly wind, veering west; dull and rainy at first, bright intervals and local showers later; rather cold at first, becoming milder
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate or fresh westerly wind backing S.W. later and increasing; local showers and some bright intervals; mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Strong W. to S.W. wind; occasional showers, some bright intervals; rather mild.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scotland.	Fresh westerly wind, backing southerly later, and becoming strong to gale; cloudy, with occasional showers; more general rain spreading from the west towards end of period; mild.
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 off North Scotland is moving eastwards, while associated troughs are crossing the British Isles from west to east. Another depression now well out on the Atlantic will approach Ireland rapidly. It will become mild in all districts with occasional rain or showers. General rain and southerly gales will spread into Ireland towards the end of the period.

### FURTHER OUTLOOK.

Continuing mild and unsettled, with rainy periods and strong winds or gales.  
 Gale warning issued at 1405h on the 6/2/41. for districts 13b and 16, and at 0815h on 7/2/41 for district 15

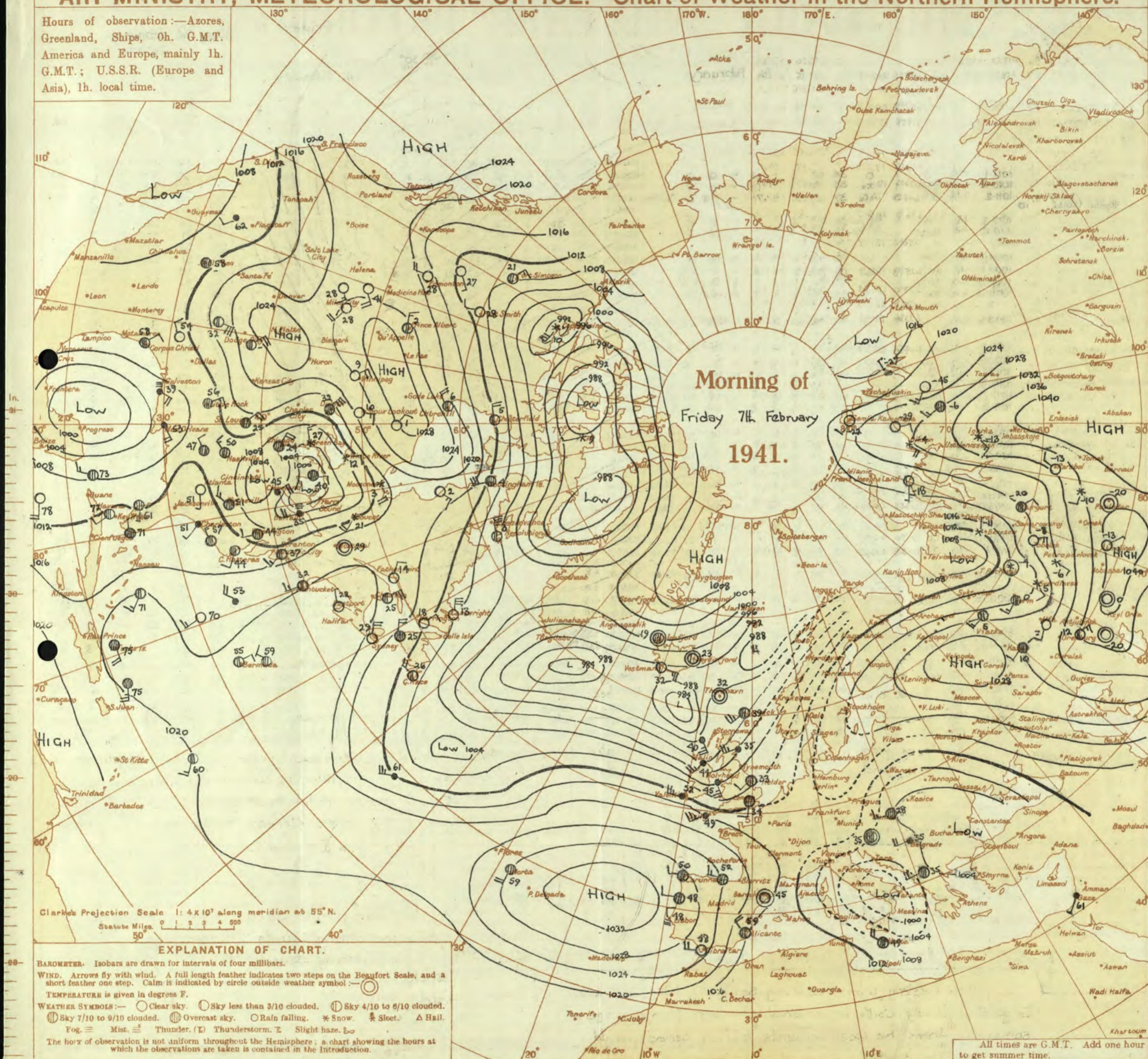
Forecasts issued at 1030h. G.M.T.

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, 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, 7th February 1941.

No. 28932

OBSERVATIONS at 1 hr. G.M.T. 7th February														OBSERVATIONS at 7 hr. G.M.T. 7th February														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 Hrs.			

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

~~SECRET~~

BRITISH SECTION  
Saturday 8th February, 1941

No. 28,933

OBSERVATIONS at 1 <sup>st</sup> h. G.M.T. 7 <sup>th</sup> February.																OBSERVATIONS at 18 <sup>th</sup> . G.M.T. 7 <sup>th</sup> February.																PAST 24 HOURS.									
DIRECTION.	STATIONS. <small>(For heights see p. 4.)</small>	Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.											
				Dirac.	Force. 0-12					Low.	Med.	High.	Form.	Amount.			Height of Base. (feet)	Low.					Med.	High.	Form.	Amount.	Height of Base. (feet)			Dirac.	Force. 0-12	Low.	Med.	High.	Form.	Amount.	Height of Base. (feet)	7h.-18h. 7th	18h.-18h. .....	18h. ....to 8th	1h.-7h. 8th
1	London (Kew) ...	1004.1	+2	S	W	Z	43	85	5	-	-	-	7-8	9	1500	1007.5	+2	W	S	Z	43	85	6	5	3	-	4-6	9	4000	1	*	Cicmo	cmo	cm	crrcymo						
	Croydon ...	1004.7	+2	W	3	Z	43	85	6	5	1	-	7-8	10	200	1007.7	+2	W	S	1	48	85	5	5	3	1	4-6	9	5700	1	*	crrcymo	cmo	cm	crrcymo						
	S. Farnborough	1003.7	-14	W	S	C	51	85	8	5	7	-	1	9+	1000	1008.2	+2	W	S	4	48	85	8	-	3	-	0	4-6	-	1	*	crrcymo	cmo	cm	crrcymo						
	Boscombe Down	1006.8	+6	W	5	C	53	75	8	5	4	8	Tr	9	1000	1008.7	+6	W	S	4	47	92	7	7	2	1	9	2000	1	*	crrcymo	cmo	cm	crrcymo							
	Thorney Island	1006.4	-2	S	1	F	43	97	1	-	-	-	10	10	<150	1008.8	+2	W	2	48	85	5	5	7	-	4-6	9	5700	1	*	crrcymo	cmo	cm	crrcymo							
	Lympe	1006.4	-2	W	3	Z	47	85	6	5	7	-	4-6	10	3000	1006.9	+16	W	S	3	44																				

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.  
fg, fog, visibility 200-1100 yds.  
F, thick fog „ less than 220 yds.  
fs, low fog over sea (coast station).  
fs, 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.  
p, 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<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: —be/r, fair weather  
after rain; —, has decreased;  
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

An entry "4-8" 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.

† Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

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

COLUMN 29 —STATE OF GROUND.

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

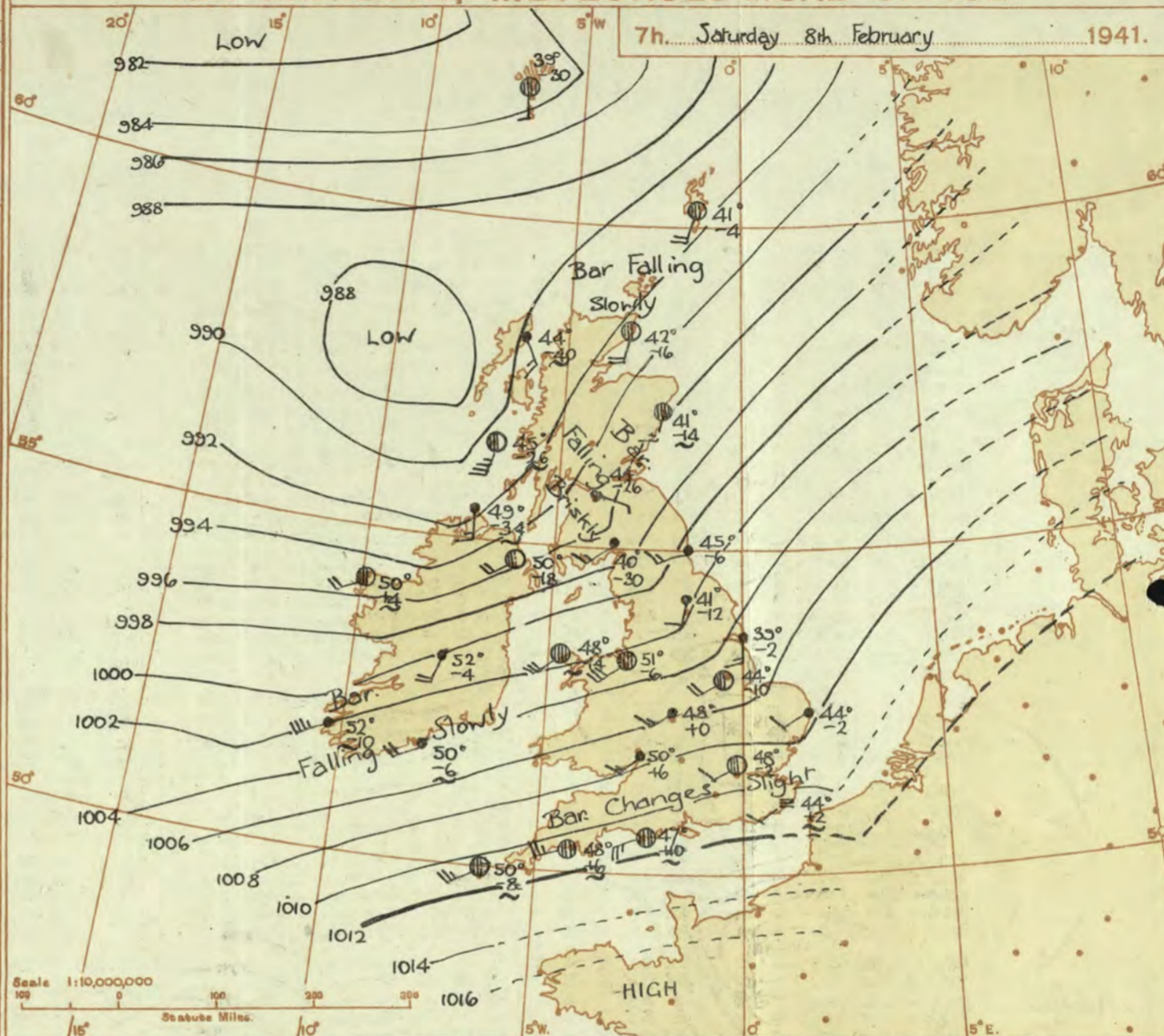
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 7th Feb				18h. G.M.T.				01h. G.M.T. 8th Feb				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	5-	10648	16468	52	02746	25628	50	02955	23315	5-	02757	18327			
115	--	67109	20469	58	62735	28668	52	23735	20488	52	03735	20588			
203				8-	81845	24485									
206	57	61755	22467	8-	81846	57486	51	02862	00086						
210	57	81854	22587	54	01844	57784	50	02861	21316	52	02856	16428			
220	83	14845	24815												
230	5-	51647	53867	57	05646	57657	51	02446	53468	52	64635	20468			
245	53	01954	55624	43	01853	59465	01	02890	22428	02	63648	22228			
280				00	05690	24515	01	05690	20328	52	62654	20268			
277	51	02741	24528	57	02746	24328	51	02763	15328	62	21535	18568			
279	52	05644	24525	61	05643	56628				62	63636	53568			
285	53	02744	24627	23	02746	26627				-2	62638	16268			
288	07	02700	58426	77	05664	22327	51	05663	18228	02	62548	16368			
273										84	10753	28566			
301	53	05665	24517	07	05690	24428	51	05662	22128	02	62548	20368			
321	57	05643	25328	57	05641	58425	57	05563	22228	5-	21458	22458			
299	50	05545	20366	57	05644	57628	53	05541	24425	5-	67348	20368			
292	57	02742	22416	57	05642	55415	05	02790	18128	02	67338	15368			
310															
316	57	02544	22358	57	05653	22224	5-	08458	22128	5-	22448	20368			
338	07	01790	53415	57	02763	12127	02	58108	19368	5-	51628	18548			
334	--	02845	24317												
340	87	02854	24316	03	05690	24414	52	61746	22468	52	21735	64658			
136				5-	05686	21416	07	05690	22318	--	67209	19369			
336	62	02754	28427	62	02754	04415				--	62609	20469			
350	57	02746	23326	57	01753	18214				5-	05538	20468			
368															
379	00	01790	22315	03	05690	24313	07	05690	22317	6-	05638	22428			
390	52	45356	23458	53	08454	24326	07	08490	20248	52	57236	20368			
382	57	05631	24427	55	05673	24327				52	21636	23458			
438	5-	46009	22559							5-	57009	20549			
430	57	05621	24428	53	05574	22326	5-	47328	00068	5-	52438	20458			
409	02	16208	55458	5-	67108	21558	02	57108	20668	52	05627	20658			

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).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 8th February, 1941

1 S.E. England	Moderate or fresh S.W. wind; cloudy, with slight local rain; some bright intervals this afternoon; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh S.W. wind, strong locally; dull, with occasional slight rain or drizzle; much hill fog; mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Fresh or strong S.W. wind; dull and rainy; mild.
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 S.W. wind; showers and bright intervals, more general rain later; rather mild.
14 Mid Scotland	
15 N. E. Scotland	Fresh or strong S.W. wind; dull and rainy at first, showers and bright intervals later; rather mild.
16 Orkneys and Shetlands	
17 N. W. Ireland	As 13a - 13b.
18 N. E. Ireland	As 8 - 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.

A depression centred off N.W. Scotland is moving N.E. and another centre now about 600 miles southwest of Ireland will follow on a similar track. It will be mild and cloudy in all districts with considerable rain in the North and West, but only slight rain in the Southeast.

FURTHER OUTLOOK.

Continuing rather mild; dull and rainy in many districts but brighter conditions spreading from the West.

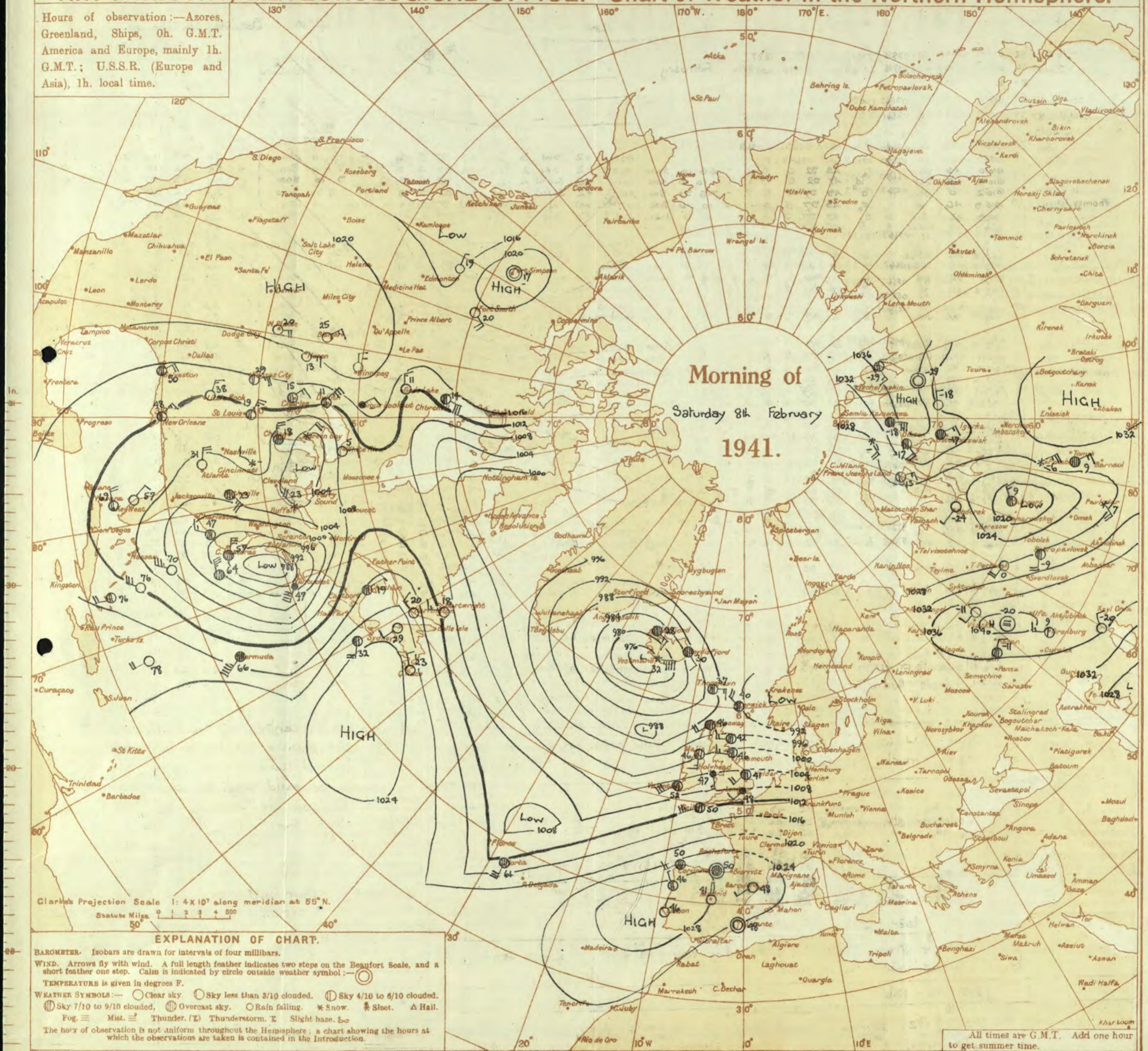
Forecasts issued at 1030h G.M.T.

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

H.M.S.O. Press, Cornhill 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  
Saturday 28th February, 1941.  
No 28.233.

OBSERVATIONS at 1 hr. G.M.T. 8th February															OBSERVATIONS at 7 hr. G.M.T. 8th February															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. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.			State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE. (38) Hrs.					
					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-15h °F. (31)		Min. Night 15h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-15h mm. (34)	Night 15h-7h mm. (35)	
																																							0-12 (3)
1	London (Kew) ... 217	18	1010.0	+	WSW	2	48	32	5	2	4-6	10	3000	1009.4	+2	SW	3	47	37	5	5	-	10	10	1500	1	4	52	43	34	0.1	2	0.2						
	Croydon ... 226	1010.0	+8	SW	2	47	32	6																															

[illegible]

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

TERMS OF SUBSCRIPTION. { single Copies, 1d. each: by post 1½d.  
2/6 per month; 8/6 per quarter; 25/- per year.

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

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

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 9th February 1941.

No. 28934

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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.  
fg, low fog over sea (coast station).  
fs, 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.  
p, precipitation within sight of station.  
ks, storm of drifting snow.  
k/s, slight storm of drifting snow (generally low).  
k/S, heavy storm of drifting snow (generally low).  
s/k, slight storm of drifting snow (generally high).  
S/k, heavy storm of drifting snow (generally high).  
KQ, line squall. l, lightning.  
o, overcast sky. p, passing showers.

q, squalls. r, rain. s, snow.  
rs, sleet. t, thunder.  
u, ugly, threatening sky.  
v, unusual visibility. w, dew.  
x, hoar frost. y, dry air.  
z, dust haze: the turbid atmosphere  
of dry weather.

h(r), "hail" or "rain and hail."  
Capital letters indicate intense;  
suffix o indicates slight; repetition  
of letters indicates continuity: thus  
R, heavy rain. r, slight rain.

rr, continuous rain.

<, less than (for cloud height). ↗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: —be/r, fair weather  
after rain; —, has decreased;  
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

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

COLUMN 29 — STATE OF GROUND

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

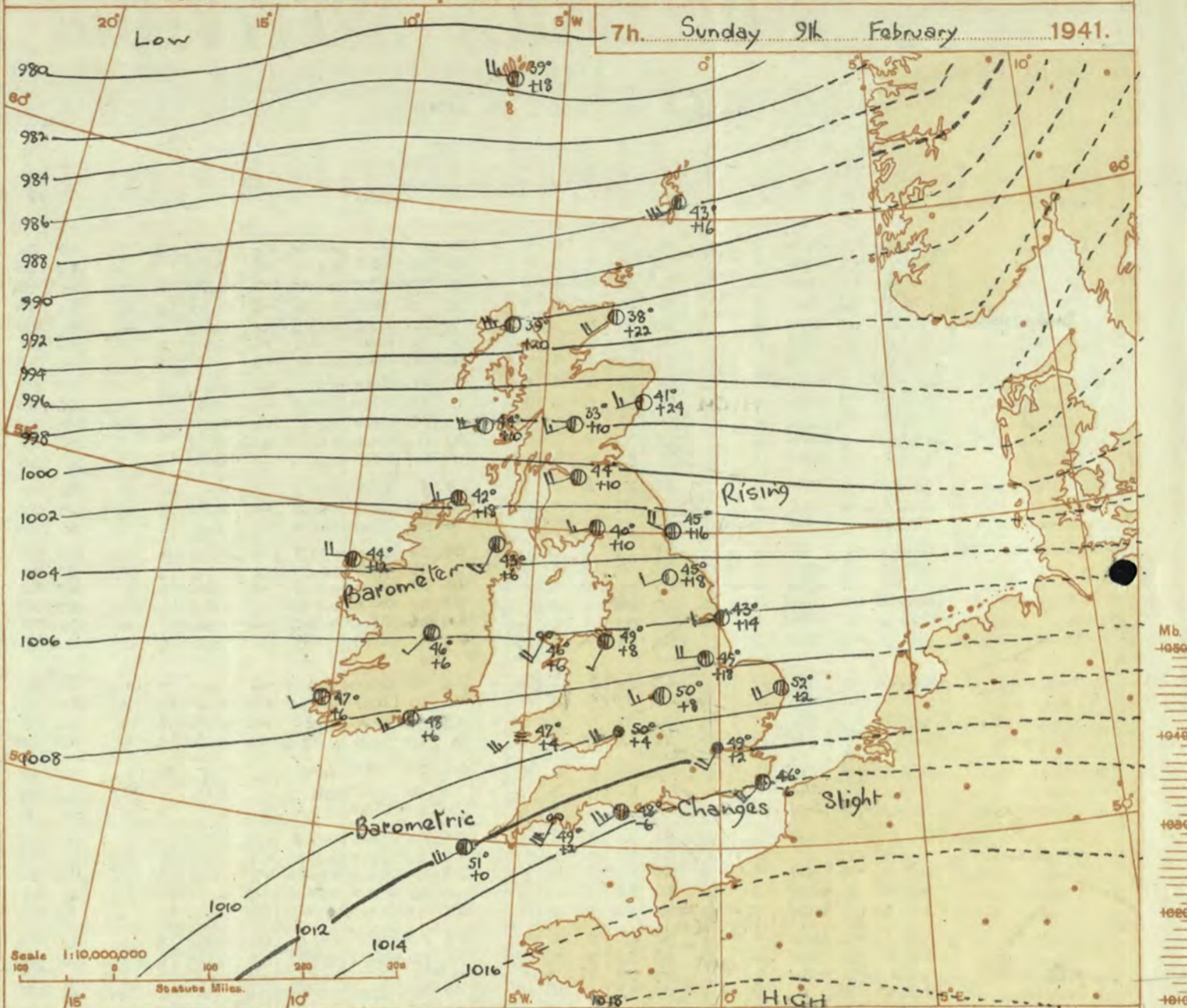
Abridged observations of additional stations in the

# AVIATION WEATHER CODE

13h. G.M.T. 31h. February 18h. G.M.T.						01h. G.M.T. 31h. February 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	5-	61668	18468	8-	01865	20465	5-	01944	19514	80	00953	55683
115	52	81735	20486	52	02834	20486	52	01844	20525	52	62735	24668
203				5-	02845	20465						
206	57	02754	22227	8-	25845	25285	80	25853	22383	8-	01854	22484
210	52	02865	20167	5-	62857	22467	50	00961	23502	40	00962	21412
220				80	01744	24314						
230	51	43346	15458	52	21626	20458				86	81746	55487
245	02	52308	16368	5-	05543	00054	7-	00551	24423	53	00961	23202
260	52	21746	18558	57	22744	24466	27	02855	20368			
277	52	61616	18468	87	02743	21457	04	22890	22465	57	02852	19427
279	62	22676	51768	62	22527	50768				5-	02757	18427
285	6-	64638	24668	9-	81537	24787						
288	61	02744	54568				5-	02756	21328			
273	53	63544	16167							33	51765	18188
301	52	61645	20568	5-	05638	22568	02	62638	21568	57	05655	22568
321	57	02644	18416	52	61647	53428	51	61656	20468	57	05664	18215
298	57	05545	20528	5-	05547	20327	5-	57248	22358	50	01744	22214
292	52	61536	22468	52	51527	19468	5-	52748	20368	53	01845	19185
310												
316	5-	02648	53558	5-	05638	53528	5-	51648	53568	5-	02648	22358
333	52	51636	18558	5-	52408	53568	02	58538	54468	02	02638	20358
334	--	58528	22658									
340	53	61845	53615	62	52626	18558	02	58538	53658	57	02745	22358
136	57	02743	19566	53	02756	20617	51	02747	52628	52	51637	20528
336	62	03754	20428	--	57409	20459						
350				53	02747	18518				5-	51638	51468
368	5-	25848	56488									
379	6-	02738	22628	6-	62528	55668	6-	62538	55668	6-	62508	20568
390	5-	05638	20458	5-	05555	21415	5-	05645	22428	5-	05648	20528
382	53	02846	22527	57	91785	20457	6-	51638	53558	57	22638	21468
438	02	02746	20526							82	02747	20527
430	5-	02736	22528	5-	05644	22525	5-	05648	22528	5-	51628	20458
400	5-	02757	21727	52	05627	20828	52	05646	53768	2-	51637	53768

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>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 (8 = 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 is very low from Iceland to Norway, and high over S.W. Europe. A secondary disturbance is indicated northeastwards of the Azores and this is expected to move northeast to affect South and Southeast England tomorrow. In northwestern districts weather will be fair apart from a few local showers.

### FURTHER OUTLOOK.

A spell of mild weather is indicated. Brighter conditions generally for a time.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21h February, 1941
1 S.E. England	Fresh southwest winds, strong locally on the coast; risk of coastal gales later; mainly cloudy with occasional slight drizzle; probably more general rain tomorrow; mild.
2 E. England	
3 E. Midlands	
4 W. Midlands	Winds becoming light and rather variable, finally freshening from W to N.W.; overcast with hill and local coast fog; occasional drizzle at first; a period of more general rain followed by bright periods; mild to rather mild.
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	
10 N.E. England	Westerly winds, moderate to fresh, strong at first off North Scotland, but winds generally decreasing; mainly fair with bright periods; a few local showers in the west and north; mainly rather mild.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland 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	Light variable winds becoming W to N.W. fresh at times; cloudy; some light rain; then bright periods with local showers; mild.
20 S.W. Ireland	

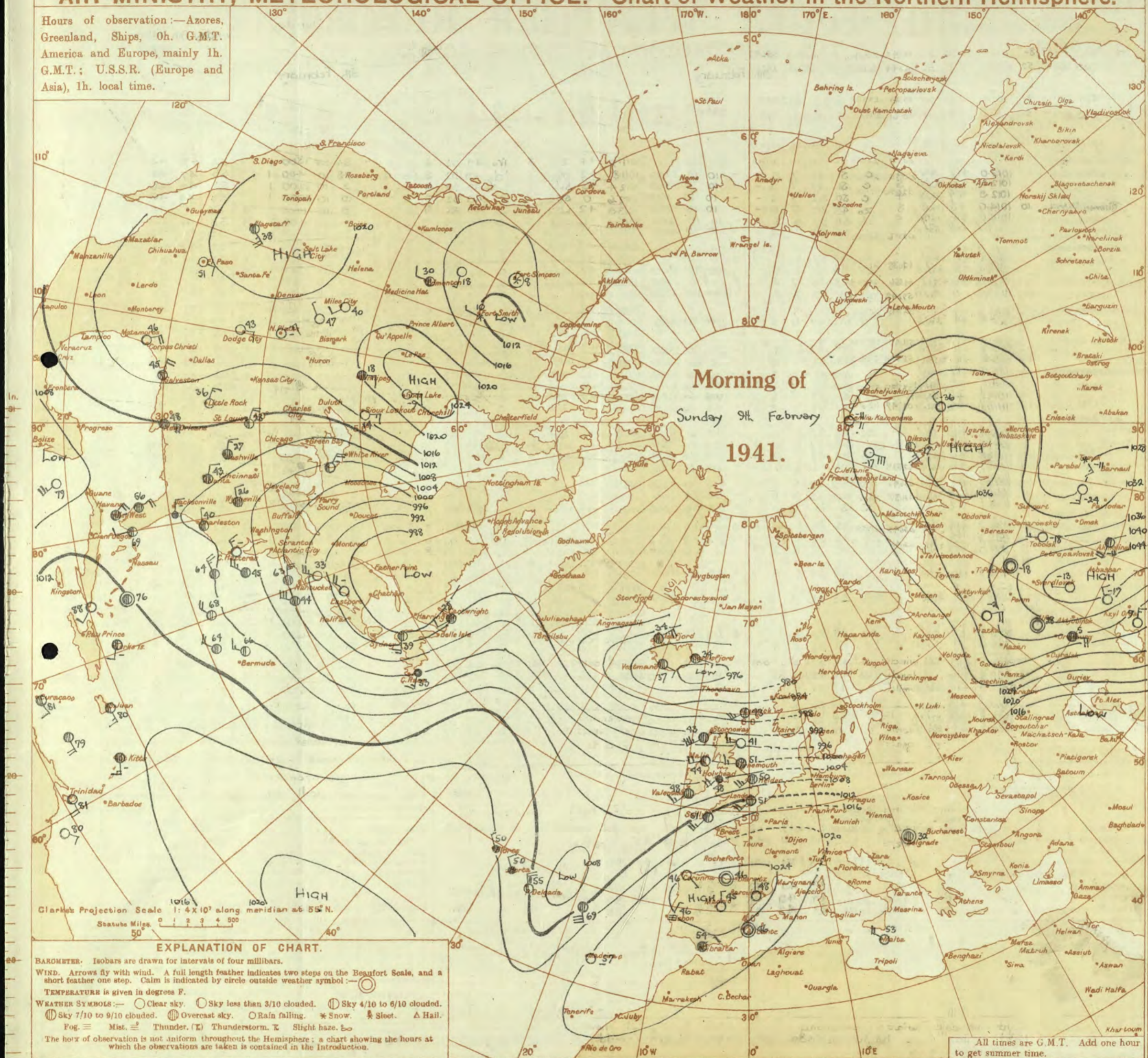
Forecasts issued at 10.30 G.M.T.

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.

OBSERVATIONS at 1 hr. G.M.T. 9th February														OBSERVATIONS at 7 hr. G.M.T. 9th February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)																													

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MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

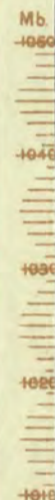
~~SECRET~~BRITISH SECTION  
Monday 10th February, 1941.  
No. 28,335.

OBSERVATIONS at 13h. G.M.T. 9th February														OBSERVATIONS at 18h. G.M.T. 9th February														PAST 24 HOURS.			
Distant.	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. 																						

# AVIATION WEATHER CODE

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>Mr</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).

15 938 936 934 W 7h. Monday 10th February 1941



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 broad westerly air current covers the Atlantic and British Isles, and a trough of low pressure is advancing towards our western coasts. Weather will be fair today apart from local showers in the West and extreme North, but rain will spread eastward tonight and tomorrow.

### FURTHER OUTLOOK.

A belt of rain crossing the country with strong winds for a time.

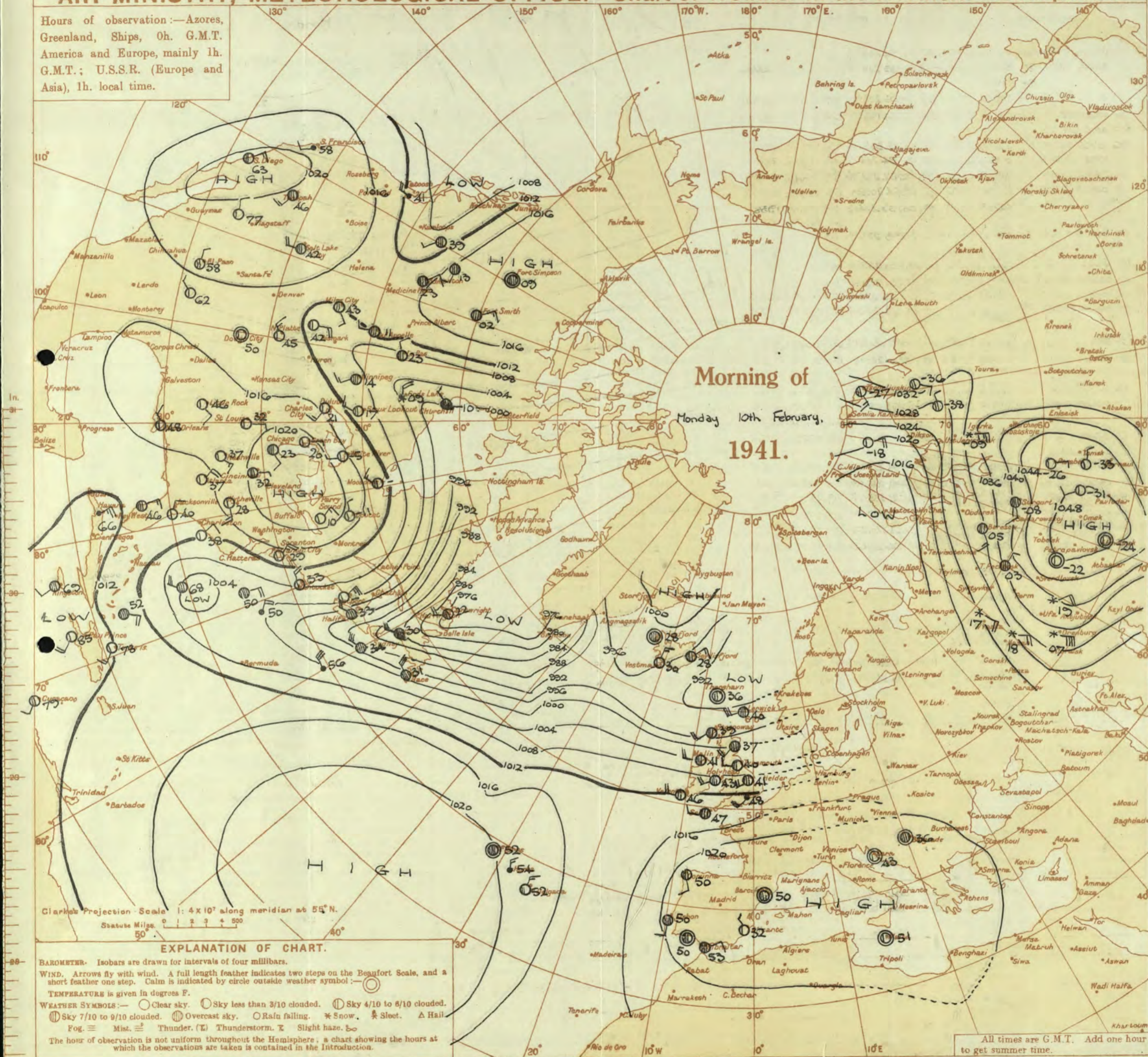
Forecasts issued at 10.30.

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.



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 10th February 1941.

No. 28335

OBSERVATIONS at 1 hr. G.M.T. 10th February														OBSERVATIONS at 7 hr. G.M.T. 10th February														PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)																													

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Tuesday 11th February 1941.  
No. 28936

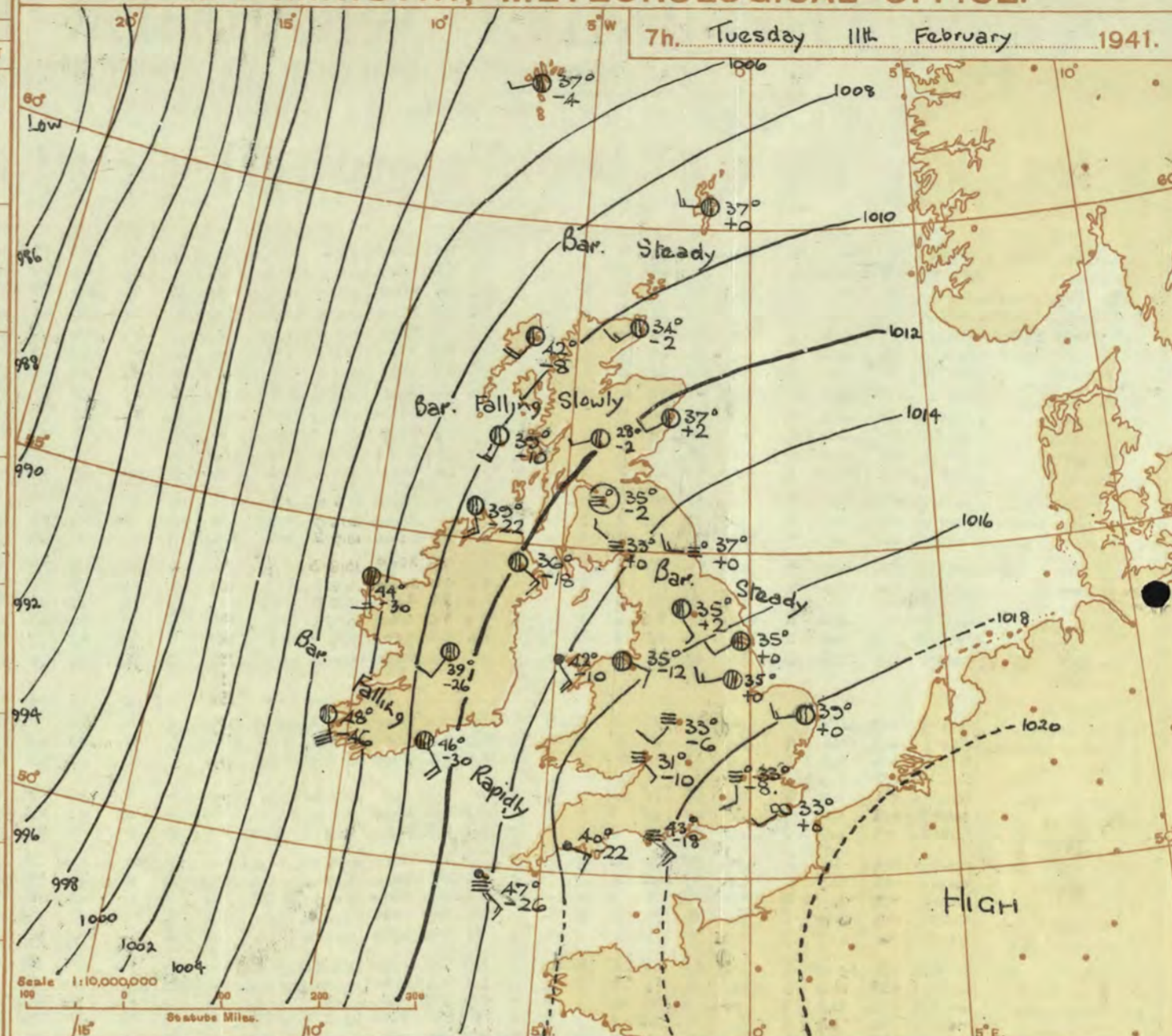
OBSERVATIONS at 13h. G.M.T. 10th February														OBSERVATIONS at 18h. G.M.T. 10th February														PAST 24 HOURS.			
Distance.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	°C.	Humid. %	Visiblity. 0-9	Cloud.				Barom																

Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 10th February				18h. G.M.T.				01h. G.M.T. 11th February				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	86	61967	26267	30	00963	24383	00	00990	25180	80	01963	18305			
115	87	81834	24487	87	81944	26485	87	21853	27484	85	02854	20486			
203								5	01954	16314					
206	56	25844	24384	84	01854	24284	50	00862	00082	07	01990	00015			
210	8-	10857	22587				86	25962	22327	07	02990	16125			
220	90	81845	26585	40	01863	28303				53	02745	12116			
230	8-	81846	54426	86	01754	22284	40	01851	00013	57	02853	18126			
245	14	00951	25512	46	00961	26301	00	00990	26200	40	02971	26215			
260	80	81854	20484	90	01753	24413	00	05690	00000	50	04662	00014			
277	84	00853	23583	84	00842	23302	04	02790	22325	57	05654	10328			
279	8-	25847	21487	80	01754	22414	00	00790	20200	57	02755	00017			
285	30	02745	28615	30	25745	28585				5-	02747	28327			
288	20	01855	56415	26	00852	22413	50	00761	22202	00	02890	20227			
273										50	01762	11402			
301	20	01752	23413	54	01764	24314	00	01790	24314	07	45390	09147			
321	80	05654	57415	46	05552	26213	00	05590	00001	00	08490	20115			
299	50	01753	22413	50	00552	22402	00	00790	22300	50	05553	22314			
292	8-	02845	24415	20	00852	20302	04	00790	22201	57	08451	20117			
310															
316	84	05653	22413	04	01690	24313	00	05590	20114	00	47290	18245			
333	20	02952	24426	40	01851	24325	00	05690	00000	5-	02647	16447			
334		01854	26415		01854	24315					01745	32114			
340	20	01953	24414	40	00951	20213	00	05690	20103	03	05590	14215			
136	10	05654	23503	13	05661	23413	00	05690	23202	03	08490	21305			
336	25	01753	28514	25	02753	28416				--	42309	24349			
350	80	02846	22316	84	01853	24314				04	45190	18143			
368	83	01753	23424												
379	80	01754	22314	40	01751	22213	00	05590	22203	--	46109	18249			
390	8-	02757	24517	86	05663	23286	00	08490	22213						
382	13	01754	24514	16	01763	24314	--	48109	24249	--	46009	00049			
438	50	01753	24413							55	02754	12215			
430	10	00854	22214	40	05662	20212	00	05590	00016	07	08490	08116			
409				14	02851	21213	03	05690	12427	57	04646	12447			

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).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th February, 1941.

1 S.E. England	Freshening SSE wind, strong tomorrow on coast; fair today; cloud increasing, perhaps rain by noon tomorrow; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Freshening SSE wind, becoming strong on coast, perhaps gale locally; cloudy, local drizzle, general rain later; local coast fog at first; mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1-3
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Freshening SSE wind, becoming strong to gale later; cloud increasing, rain later; mild.
13 { A.W. Scotland. B.N.W. Scotland.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	As 1-3
17 N.W. Ireland	Wind S, strong to gale veering later; rain at times; mild.
18 N.E. Ireland	As 12-14.
19 S.E. Ireland	
20 S.W. Ireland	As 17.

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

GENERAL INFERENCE.

A large depression in the Atlantic is spreading eastward; wind will freshen from south becoming strong to gale on the western coasts. Rain will spread eastward but is unlikely to reach the east of the country before noon tomorrow at the earliest.

FURTHER OUTLOOK.

Wind mainly SW. strong at times, weather changeable with rain at times; mild.

Warning of gale in operation in districts 17 & 20.  
Time of issue 0500h. 11-2-41.

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.

Morning of  
Tuesday 11th February  
1941.

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

Statute Miles 0 100 200 300 400 500

## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 11th February, 1941.

No. 28936

OBSERVATIONS at 1 hr. G.M.T. 11th February														OBSERVATIONS at 7 hr. G.M.T. 11th February														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)																												

SECRET

Page 1.

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Wednesday 12th February 1941.  
No. 28,337.

OBSERVATIONS at 13h. G.M.T. 11th February														OBSERVATIONS at 18h. G.M.T. 11th February														PAST 24 HOURS.			
Distances.	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.		

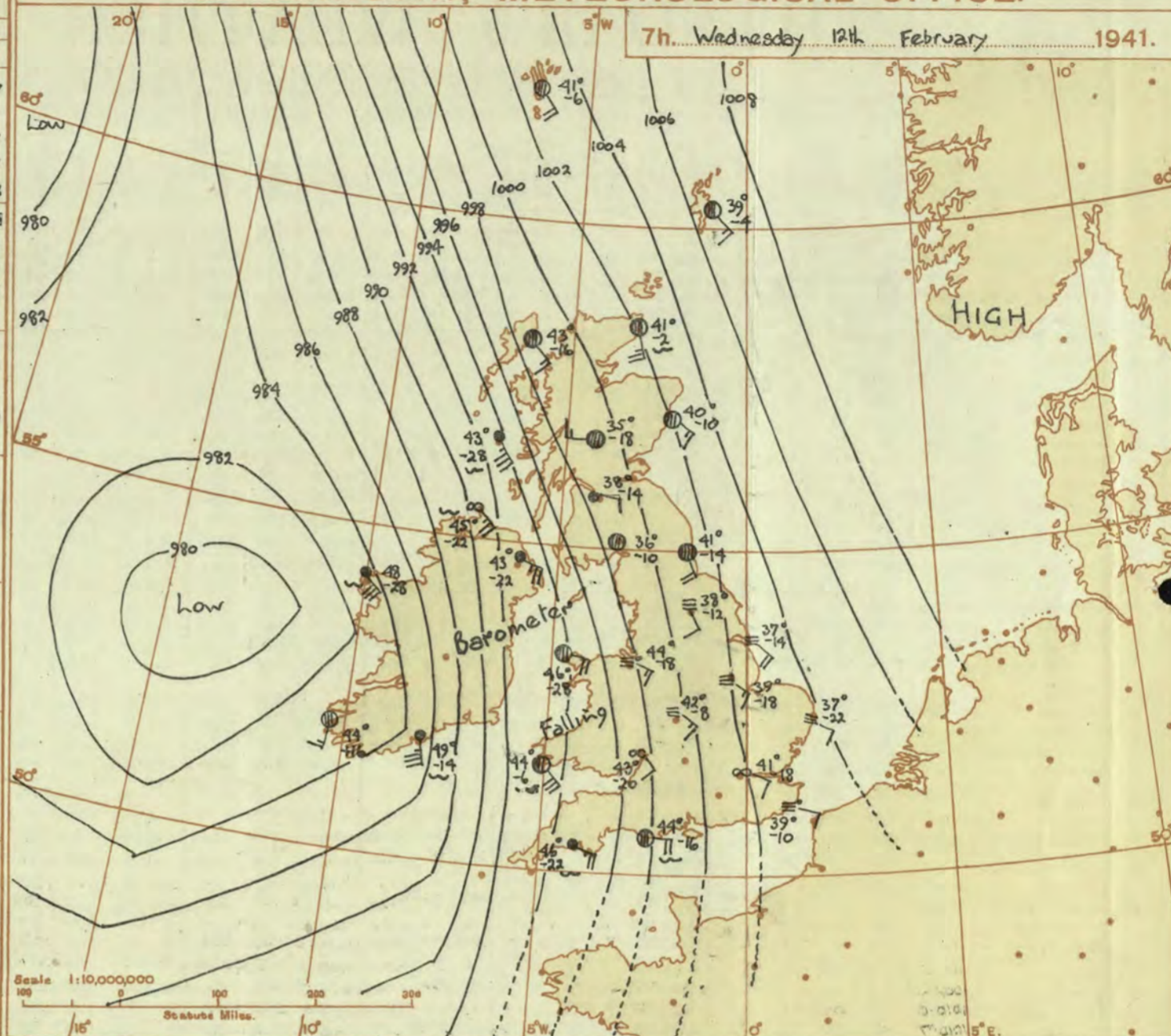
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 11h. February ... 18h. G.M.T.							01h. G.M.T. 12th February. 07h. G.M.T.						
IIIC	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	07	01890	18215	07	02790	16117	09	05690	14224	5-	02757	45427	
115	53	02954	16326	53	02954	12326	53	03845	12328	52	02844	12527	
203								5-	02857	16127	5-	20857	10427
206				57	02754	32127	03	05690	00026	07	02750	02126	
210	57	02951	19227	03	02890	14127	03	02790	10127	07	03690	07328	
220				52	03746	18628				52	14645	22728	
230	57	02845	14227	57	02744	13327	57	05655	12327	52	61644	12468	
245	03	17690	00027	53	17555	00026	07	08490	00027	5-	05548	10428	
260	53	05664	00026	53	02764	00028	03	47390	00027	52	43354	08248	
277	57	02836	14467	57	02444	11428	5-	08438	11528	5-	05638	10568	
279	57	02744	18326	5-	05568	00028	--	05666	12326				
285	8-	02747	26227	8-	47337	12347				--	48103	06449	
288	27	02781	18227	57	05567	15228	5-	08438	16228	5-	08438	16228	
278	53	02853	14566							47	51753	08656	
301	03	05690	14345	07	08490	14327	02	05558	13548	62	62546	12468	
321	03	41430	14448	51	05673	14328	57	52455	13628	--	48103	14353	
299	54	05853	26314	5-	05658	15328	5-	05557	16227	--	46209	12348	
292	07	45390	09146	09	05590	12117	52	45337	15158	--	48209	12249	
310													
316	05	08490	16244	57	47257	14228	5-	45358	12258	02	67148	14268	
333	07	02950	12217	57	05655	14158	52	64654	12568	57	02754	12427	
334	--	02665	24226		03638	32328				--	02626	02328	
340	5-	42417	14348	5-	08436	14228	5-	05538	14428	5-	21438	11468	
136				07	05690	12318	--	46209	46349	--	48209	10359	
336	53	43525	26347	--	46309	14349				--	42309	12349	
350	17	02763	18446							5-	43318	10348	
368	57	05645	08328										
379	53	41414	14244	5-	05648	10228	--	46109	16309	--	46309	12349	
390	03	08490	14245	57	08453	11228	5-	47328	10358	--	48103	08249	
282	03	08490	14114	57	05657	12328	5-	05548	12328	5-	05648	11328	
438	67	45654	12246										
430	5-	05617	16247	52	05525	16358	5-	05657	14327	5-	05648	12328	
409				52	02625	13628	57	22632	09767				

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).

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 12th February 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th February 1941.

1 S.E. England	Moderate or fresh S.E. wind; veering S.W. later; dull, slight local rain, general rain spreading east tonight, an improvement tomorrow with fair intervals; rather mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate or fresh S.E. or S. wind veering S.W.; continuous rain at first, occasional rain later but fairer intervals; mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	As 1-4.
9 N. Midlands ...	
10 N.E. England	Moderate or fresh S.E. wind; dull, slight local rain; general rain tomorrow; local fog; average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate or fresh S.E. wind, strong locally; dull, slight local rain; general rain later; rather mild.
13 { A.W. Scotland. B.N.W. Scotland.	
14 Mid Scotland	
15 N.E. Scotland	As 10-11
16 Orkneys and Shetlands	
17 N.W. Ireland	Moderate S.W. wind; showery, some bright intervals, perhaps thunder; rather mild.
18 N.E. Ireland	As 5-7.
19 S.E. Ireland	
20 S.W. Ireland	As 17.

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

SEA DISTURBANCE. Rough. High.

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

GENERAL INFERENCE.

A depression off West Ireland is moving NNE slowly and an associated trough will move NE across the British Isles, giving a period of rain. In eastern and midland districts, there will only be slight local rain today, but general rain will spread eastward tonight. Behind the trough there will be occasional rain, but fair intervals.

FURTHER OUTLOOK.

Mild changeable weather for a few days with S. to S.W. winds.

Warning of gale in operation in districts 6, 7, 8, 12, 18 & 19. Time of issue 1715h on 11.2.41.

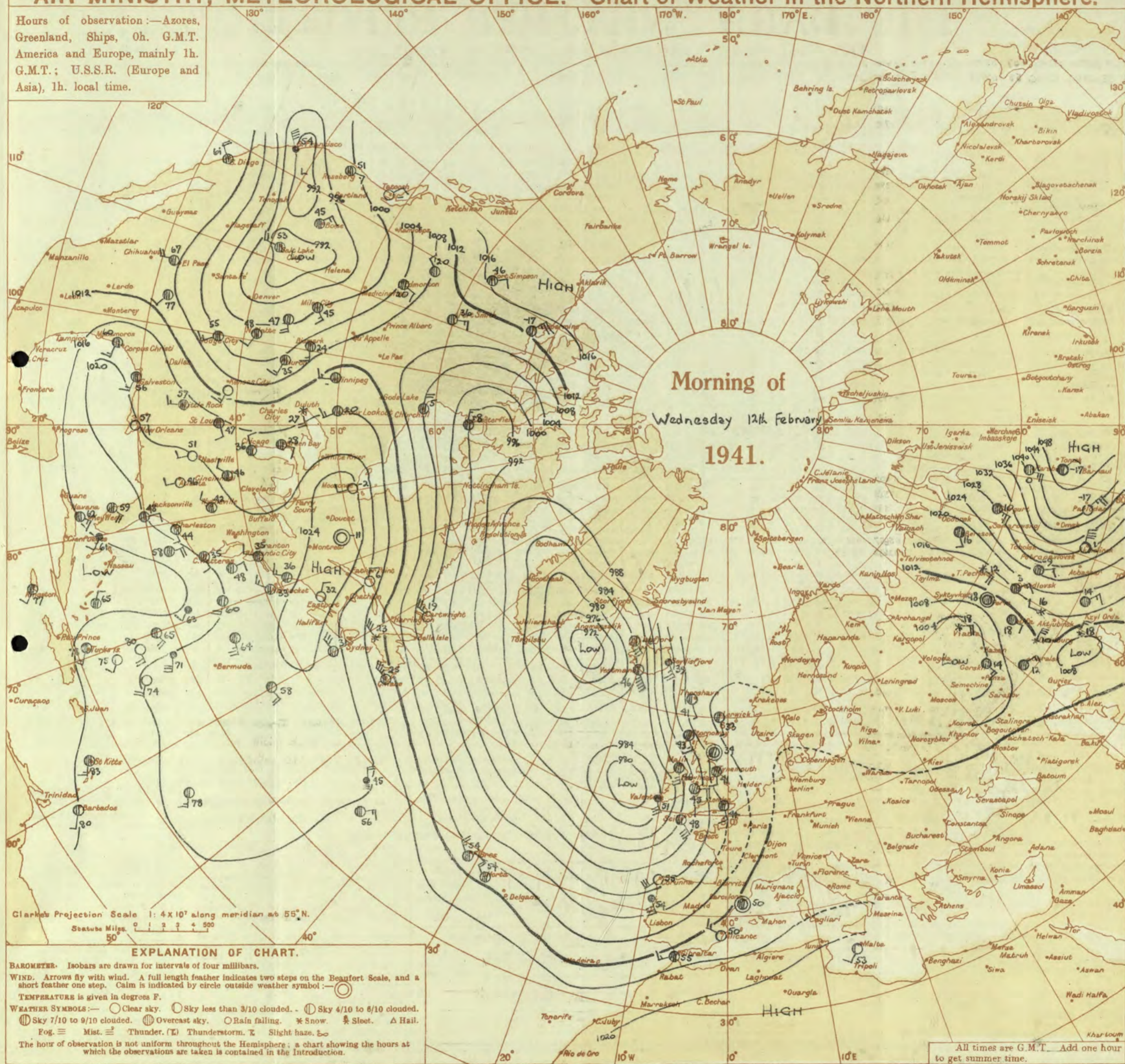
Forecasts issued at 10.30 G.M.T.

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  
 Wednesday 12th February 1941.  
 No. 28557

OBSERVATIONS at 1 hr. G.M.T. 12th February															OBSERVATIONS at 7 hr. G.M.T. 12th February													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. %																																			

AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 12th February.														OBSERVATIONS at 18h. G.M.T. 12th February.														PAST 24 HOURS.								
DIRECTION.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Height of Base. (feet) (14)	Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Height of Base (feet) (28)	State of Ground. 0-6 (29)	Sea. 0-9 (30)	WEATHER.				
				Dirac. 0-12 (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)				Form. (17)	Force 0-12 (18)					Low. (23)	Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)				7h.—13h. .....12th (37)	13h.—18h. .....12th (38)	18h.—12th 1h....12th (39)	1h.—7h. .....12th (40)	
1	London (Kew)...	30.6.5	-10	E	3	N	45	85	4	5	1	-	3	5	2500	30.5.3	-6	ESE	2	3/4	43	87	5	5	-	-	10	10	1500	1	*	cmo	gcm	cmom	omrro	rfrfrcrm
	Croydon ..	30.7.3	-18	SSE	4	N	43	82	6	5	3	-	7-8	10	1200	30.5.3	-8	ESE	2	4	41	87	4	5	2	-	7-8	10	600	1	*	cm	mzic	frrr	nrfrcrm	
	S. Farnborough	30.8.0	-18	SE	3	N	44	85	6	5	-	-	10	10	1500	30.4.8	-10	ESE	2	4	42	87	4	5	-	-	10	10	500	1	*	mz	mzic	mzic	omsdofc	
	Boscombe Down	30.6.5	-17	ESE	5	F	42	87	3	-	-	-	10	10	<150	30.4.6	-10	ESE	4	4	42	87	4	-	2	-	10	10	200	1	*	cm	ofomiz	ofsioirf	omsdofc	
	Thorney Island	30.6.5	-18	ESE	4	N	44	82	5	5	-	-	10	10	500	30.4.7	-10	ESE	2	4	43	87	5	5	-	-	10	10	1500	1	*	cm	oig m	frrrarm	f	
	Lympe	30.5.5	-22	E	4	N	43	85	6	5	-	-	10	10	800	30.3.8	-8	ESE	1	3	43	87	4	5	-	-	10	10	1500	1	*	cm	omm om	dofrs of	frrFd.m	
	Manston	30.6.6	-22	ESE	3	N	39	87	4	5	-	-	10	10	200			ESE		3	43	87	4	5	-	-	10	10	1500	1	*	omcm	om	Circlm	Circlm	
2	Shoeburyness ...	30.5.5	-18	E'S	3	C	40	92	5	5	-	-	10	10	800	30.7.4	-4	E'S	1	0	41	97	3	5	-	-	10	10	450	1	*	comom	omgpa	ofcmrr	cmrrFe	
	Felixstowe	30.5.5	-24	ENE	3	N	40	92	5	-	2	-	0	10	-	30.7.0	-10	E	3	3	39	92	4	5	-	-	10	10	300	1	2	omom	omom	omfm	cmrrFe	
	Gorleston	1001.5	-16	ESE	4	C	38	92	6	5	-	-	10	10	800	30.8.4	-12	ESE	4	3	38	92	5	5	-	-	10	10	500	1	3	offc	cm	cm	cz.oar	
	Mildenhall	30.8.8	-22	E	3	i	44	85	6	5	-	-	10	10	2000	30.6.4	-6	ESE	3	3	41	92	5	5	-	-	10	10	1000	1	*	omcir m	omgm	omfrrof	omrof	
	Cranwell	30.7.6	-18	SE'S	4	id	42	87	5	5	7	-	7-8	10	200	30.6.8	-14	SE	4	3	38	87	4	5	-	-	10	10	500	1	*	offc	om	om	odf	
3	Birmingham	30.6.7	-12	ESE	3	o	43	85	5	6	-	-	10	10	450	30.4.7	-6	ESE	3	0	44	85	5	5	-	-	10	10	800	1	*	com	om	om	om	
	Upper Heyford	30.6.7	-16	E'S	3	N	45	85	5	5	-	-	4-6	10	1500	30.4.6	-8	SE'E	2	0	41	87	3	5	-	-	10	10	400	1	*	omcm	om	om	om	
4	Ross-on-Wye ...	30.5.5	-16	E	3	N	45	85	6	5	-	-	10	10	1500	30.3.2	-10	E'S	3	3	43	87	5	5	-	-	10	10	800	1	*	cm	om	om	om	
5	Hartland Point	30.1.5	-10	SE	4	C	43	85	7	5	1	-	4-6	10	1000	30.7.7	+6	SW	3	0	45	87	7	5	2	-	7-8	10	1000	3	*	cm	om	om	om	
	Bristol ...	30.3.3	-12	SE	3	N	45	85	6	5	-	-	10	10	800	30.7.7	-10	ESE	4	3	43	87	4	5	2	-	10	10	300	1	*	cm	om	om	om	
	Portland Bill	30.3.3	-16	SE	4	o	45	82	7	5	-	-	10	10	2500	30.3.3	-10	SE	4	3	44	87	6	5	-	-	10	10	1500	1	4	cm	om	om	om	
	Plymouth	30.3.1	-8	SE	3	rr	47	82	6	5	2	-	7-8	10	600	30.7.6	+10	NW	1	0	45	85	5	5	7	-	2-3	7-8	2000	2	2	cm	id	om	om	
	The Lizard	30.1.9	+2	SW	4	rr	45	87	6	5	-	-	10	10	1500	30.7.3	+4	WSW	0	0	47	87	8	8	6	-	4-6	4-6	2500	4	4	cm	id	om	om	
	Scilly (St. Mary's)	30.1.4	+14	SW	2	C	50	82	7	8	7	3	4-6	7-8	1500	30.2.0	+4	SWW	2	0	47	85	8	8	-	-	4-6	4-6	1500	1	3	cm	id	om	om	
	Guernsey																																			
6	Pembroke ...	30.0.6	-10	SE'E	7	rr	45	82	6	8	2	-	7-8	10	1500	30.1.4	+2	SW	1	0	46	87	7	8	6	1	4-6	7-8	2000	1	3	cm	id	om	om	
7	Holyhead	30.0.6	-18	SE	4	C	45	75	8	5	2	-	7-8	10	5000	30.0.6	+4	SE'S	3	0	46	87	5	5	2	-	7-8	10	1800	1	2	cm	id	om	om	
	Chester (Sealand)	30.5.4	-18	SE'E	4	C	45	85	6	5	7	-	4-6	10	300	30.3.0	-10	ESE	4	0	45	85	5	5	2	-	4-6	10	300	1	*	cm	id	om	om	
8	Manchester ...	30.6.8	-14	E	4	r/r	47	75	5	5	2	-	4-6	10	3200	30.4.0	-10	ESE	4	0	46	85	4	5	2	-	4-6	10	1600	1	*	cm	id	om	om	
10	Spurn Head	30.0.7	-4	SSE	4	F	37	87	1	5	-	-	10	10	450	30.7.2	-4	SE'E	3	0	38	87	5	5	-	-	10	10	800	0	3	or F	o	o	o	
	Catterick	30.0.6	-16	SSE	2	r/r	41	87	5	-	2	-	10	10	500	30.7.6	-6	SE'E	2	0	40	87	4	5	2	-	7-8	10	700	1	4	or F	o	o	o	
	Tynemouth	1000.8	-12	SE	5	df	41	87	2	5	-	-	10	10	600	30.0.0	-4	SE	5	0	40	87	6	5	-	-	10	10	1000	1	4	or F	o	o	o	
11	St. Abbs Head	30.0.0	-																																	

### 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.  
p, 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<sub>o</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, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.

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

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

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

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

† Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

**CLOUD.**

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

Cloud form abbreviations:—

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

COLUMN 29 —STATE OF GROUND.

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

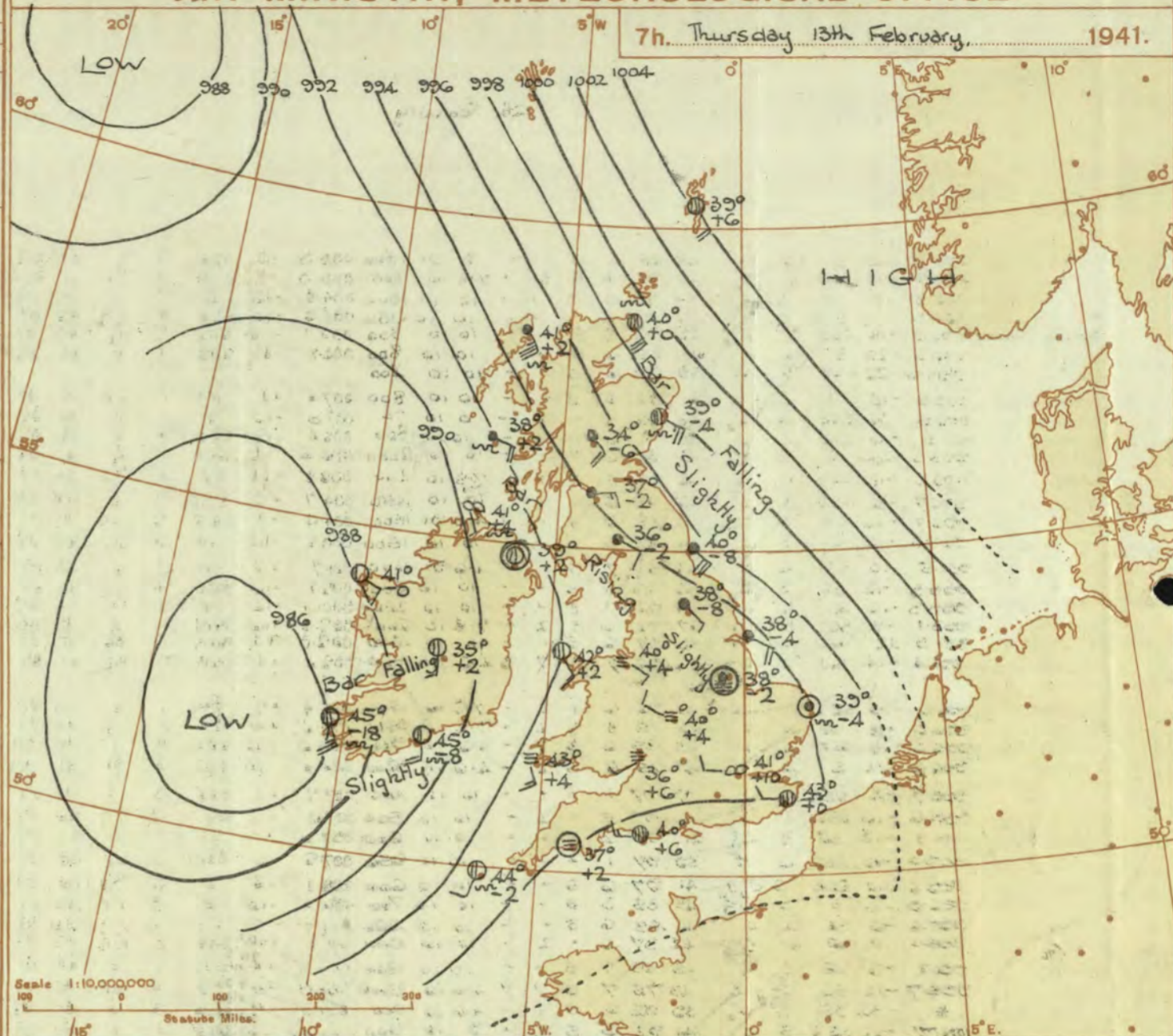
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 12th February				18h. G.M.T.				01h. G.M.T. 13th February				07h. G.M.T.			
IIIC	C <sub>M</sub>	wwVhN	DDFWN	C <sub>L</sub>	C <sub>M</sub>	wwVhN	DDFWN	C <sub>L</sub>	C <sub>M</sub>	wwVhN	DDFWN	C <sub>L</sub>	C <sub>M</sub>	wwVhN	DDFWN
1098	-	02750	11526	5-	02745	45525	5-	02855	45526	50	01844	45525			
11587	-	15744	48627					52	62834	45667	52	02834	12567		
203								5-	02848	08428	5-	64738	08468		
20857	-	02754	10328	52	02854	08568	52	61745	43668	52	62845	43568			
2105-	-	21648	09568	52	02745	10628	52	02847	43628	57	02755	09527			
220										62	64536	14668			
23057	-	05644	08368	52	62643	08468	52	62644	12368	02	62648	11368			
2455-	-	05638	46568	5-	05548	12568	5-	05548	45728	5-	62548	43768			
26052	-	05544	10428	6-	62538	10368	5-	64648	12368	5-	64548	10368			
2775-	-	62538	12568	52	64626	11568	62	64526	10468	5-	22528	10368			
27962	-	62654	10368	52	05646	08568	--	65548	45668	62	62637	08268			
285-	-	46105	10568	--	67109	08568	--	77109	04379	--	77109	04379			
28851	-	61737	10368	87	05645	10228	52	22538	08268	62	62536	12168			
278															
30152	-	62556	12568	02	08458	12428	52	64445	10368	5-	08448	12268			
32157	-	61634	11328	62	62536	10368	5-	67328	11368	--	67209	04169			
2985-	-	52448	2458	5-	05548	10328	5-	08448	09528	5-	64448	09568			
2925-	-	21538	1168	62	62426	09268	62	67327	10168	62	62428	12168			
310															
31652	-	61435	10368	52	47337	10268	02	67218	08268	02	67228	00068			
33352	-	02764	10368	6-	16468	91243	2-	25656	18186	5-	05638	18228			
334-	-	02744	12428		61636	06528					46109	08149			
34052	-	05535	12528	52	05536	12528	5-	51428	10368	5-	08427	00068			
136				52	22447	09468	5-	57308	10358	--	67209	09269			
33853	-	05644	12428	52	62545	14368				53	02754	14327			
35057	-	05534	08745							5-	22528	18268			
3685-	-	05638	10428												
3765-	-	47328	12348	5-	47338	12328	--	21109	16249	--	48109	18349			
3905-	-	05638	08448	--	46209	08349	--	67209	00049	5-	43228	17268			
38251	-	08437	11428	5-	51438	12328	5-	67218	00068	5-	05538	24328			
4285-	-	48428	08248							5-	46009	24349			
4305-	-	05528	10428	5-	57328	12258		21338	18228	--	48109	28149			
40052	-	64518	14568	24	05651	20368	00	05690	00000	83	01853	14218			

IIIC = 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>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).

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 is low from west of Ireland to Iceland. A trough of low pressure extending from Southwest Scotland to East Anglia is almost stationary in the north-west, but is moving very slowly northeast at its south-eastern end. In Scotland and Northeast England it will be rather cold with strong southeast winds and fairly general rain. Elsewhere temperature will be about average. There will be occasional rain or showers in the West and Southwest; elsewhere it will be mainly fair though with mist or fog forming in many places at night.

Continuing unsettled, with further periods of rain.

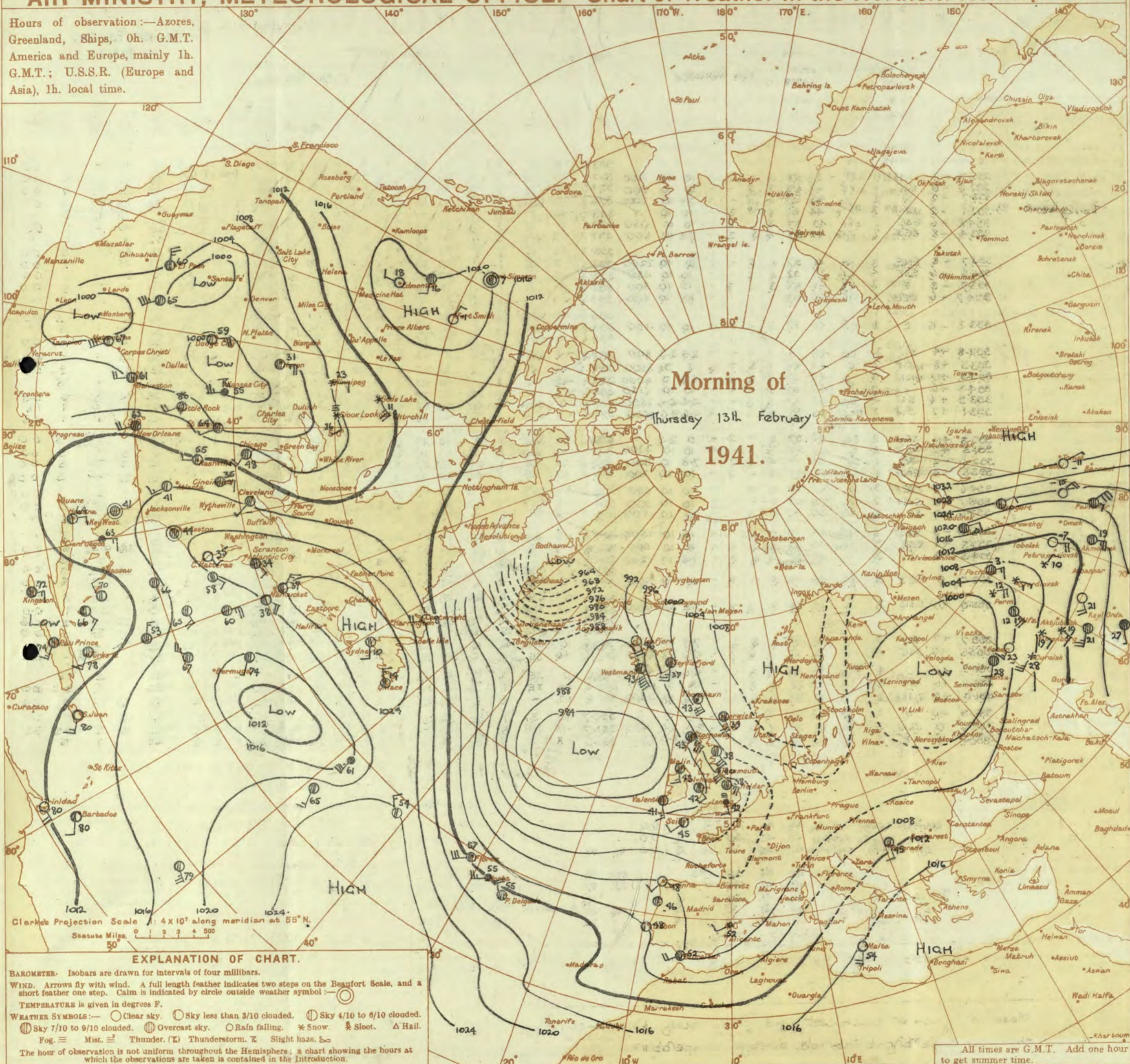
Forecasts issued at 10.30 a.m.  
H.M.S.O. Press, Colindale House, N.W.

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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 13th February
1 S.E. England	Light variable mainly southwest wind. Mainly fair, but with mist or fog forming in many places at night. Average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light or moderate south or southwest wind. Occasional rain or showers some bright intervals; average temperature.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1-4
10 N.E. England	
11 S.E. Scotland	Strong southeast winds; dull and rainy; rather cold.
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotland. B.N.W. Scotland.	
14 Mid Scotland	
15 N. E. Scotland	Strong southeast winds; fair; rather cold.
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	Moderate south or southwest wind, fresh locally. Occasional rain or showers, some bright intervals, average temperature.
19 S. E. Ireland	
20 S. W. Ireland	

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

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



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Thursday 13th February 1941.  
No. 28938.

OBSERVATIONS at 1 hr. G.M.T. 13th February															OBSERVATIONS at 7 hr. G.M.T. 13th February															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			State of ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE 12th Hrs.					
					Direc.	Force.					Low.	Med.	High.	Low 0-10	Total 0-10			Height of Base. (feet)	Direc.					Force.	Low.	Med.			High.	Low 0-10	Total 0-10	Height of Base (feet)	Max. Day 7h-18h °F.		Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.	
																																							(1)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	993.8	+8	N	2	z	41	92	5	5	-	-	10	10	1500	1	*	45	41	37	-	7	5	0.0			
	Croydon	217	992.7	-8	ESE	1	rf	42	97	3	-	2	-	10	10	1000	993.7	+10	W	2	z	41	97	5	5	-	10	10	600	1	*	45	40	40	-	7	5	0.0	
	S. Farnborough	226	992.6	-6	ESE	1	rf	42	97	2	5	-	-	10	10	200	994.6	+12	W	3	z	39	97	6	5	2	-	9	10	300	2	*	45	39	36	-	4	5	0.0
	Boscombe Down	417	993.7	-2	W	2	z	43	97	6	5	-	-	9	10	2000	994.8	+4	SW	2	F	37	97	1	5	-	10	10	1500	1	*	43	35	32	-	5	5	0.0	
	Thorney Island	10	993.1	-2	WSE	2	m/r	44	97	4	-	2	-	10	10	*	995.0	+10	-	0	0	37	97	3	5	9	6	0	10	10	1	3	44	23	20	-	6	6	0.0
	Lympe	346	994.8	-6	ESE	1	cf+	43	97	3	-	2	-	10	10	1500	994.1	0	W	2	0	43	97	5	5	-	10	10	400	1	*	43	42	40	-	1	1	0.0	
	Manston	154	993.4	-8	ESE	2	cf+	42	97	4	5	2	-	7.8	10	600	992.8	-2	WSW	3	m	44	97	4	5	-	10	10	100	1	*	42	*	-	2	*	0.0		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	993.7	+2	N	2	F	42	97	2	*	-	-	10	10	1500	1	*	41	38	39	-	3	3	0.0			
	Felixstowe	15	993.7	-8	ENE	3	m	41	97	4	5	-	-	10	10	2200	992.1	-2	E	1	40	97	1	*	-	10	10	1500	1	0	40	38	38	-	2	2	0.0		
	Gorleston	5	993.8	-6																																			

LONDON OBSERVATIONS.										Height above M S.L. in feet.	Weather.			Temperature.			Rainfall.		Sun- shine. to Sunset. hrs.	Humidity.		Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.	EXPLANATION OF FIGURES, LETTERS, etc.										
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.											Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.		15h. G.M.T. %	9h. G.M.T. %		24 hrs. ended 7h. G.M.T. 13h..	COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.				COLUMNS 8, 22 —Code for surface visibility.  Objects not visible at 55 yards. 1 Thick fog 220 „ 2 Fog 550 „ 3 Moderate fog 1,100 „ 4 Mist or haze 1½ miles. 5 Poor visibility 2½ „ 6 Moderate „ 6½ „ 7 Good „ 12½ „ 8 Very good „ 31 „ 9 Excellent „ beyond 31m.					
											24 hrs. ended 9h.			°F.	°F.	°F.	mm.	mm.		Yesterday.	To-day.												
Kew... ..										18	cm.	fm.	cm.	in.	mm.	in.	45	41	37	—	7	0.0	.	.	6	COLUMNS 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.							
CROYDON ... ..										217	cm.	fm.	cm.	in.	mm.	in.	45	40	30	—	5	0.0	.	.	5					COLUMNS 30 —Code for State of Sea.  0 Calm—glassy. 5 Rough. 1 Calm—rippled. 6 Very rough. 2 Smooth. 7 High. 3 Slight. 8 Very high. 4 Moderate. 9 Phenomenal.			
GREENWICH (Royal Observatory)...										149	cm.	fm.	cm.	in.	mm.	in.	43	40	38	—	5	0.0	91	91	4								
CITY (Bunhill Row) ... ..										—	.	.	.	.	.	.	.	.	.	.	.	.	.	.									
WESTMINSTER (St. James' Park) ...										27	.	.	.	.	.	.	44	41	36	.	5	.	91	95	.	COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.							
REGENTS PK. (Botanic Gardens)...										168	.	.	.	.	.	.	43	41	38	—	3	.	87	87	.								
CAMDEN SQUARE ... ..										110	0	.	0	.	.	.	43	41	39	—	6	.	.	95	95					.			
KENSINGTON ... ..										80	cl	.	c	.	.	.	44	41	39	—	5	.	95	93	.								
HAMPSHIRE OBSERVATORY ... ..										450	cl	.	orf	.	0	.	41	38	35	—	8	.	98	.	.								
FOREIGN OBSERVATIONS.										18h. G.M.T.					7h. G.M.T.					Past 24 Hours.													
STATIONS.										Barom. mb.	Wind.		Weather.	Temp. °F.	Barom. mb.	Wind.		Weather.	Temp. °F.	Max. Day °F.	Min. Night °F.	Rainfall.											
											Dirac.	Force.				Dirac.	Force.					Day mm.	Night mm.										
PARIS ... ..																																	
BRUSSELS ... ..																																	
BERLIN ... ..																																	
ZÜRICH ... ..																																	
ROME ... ..																																	

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

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

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

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Friday 14th February 1941.  
No. 28 939

PAST 24 HOURS.

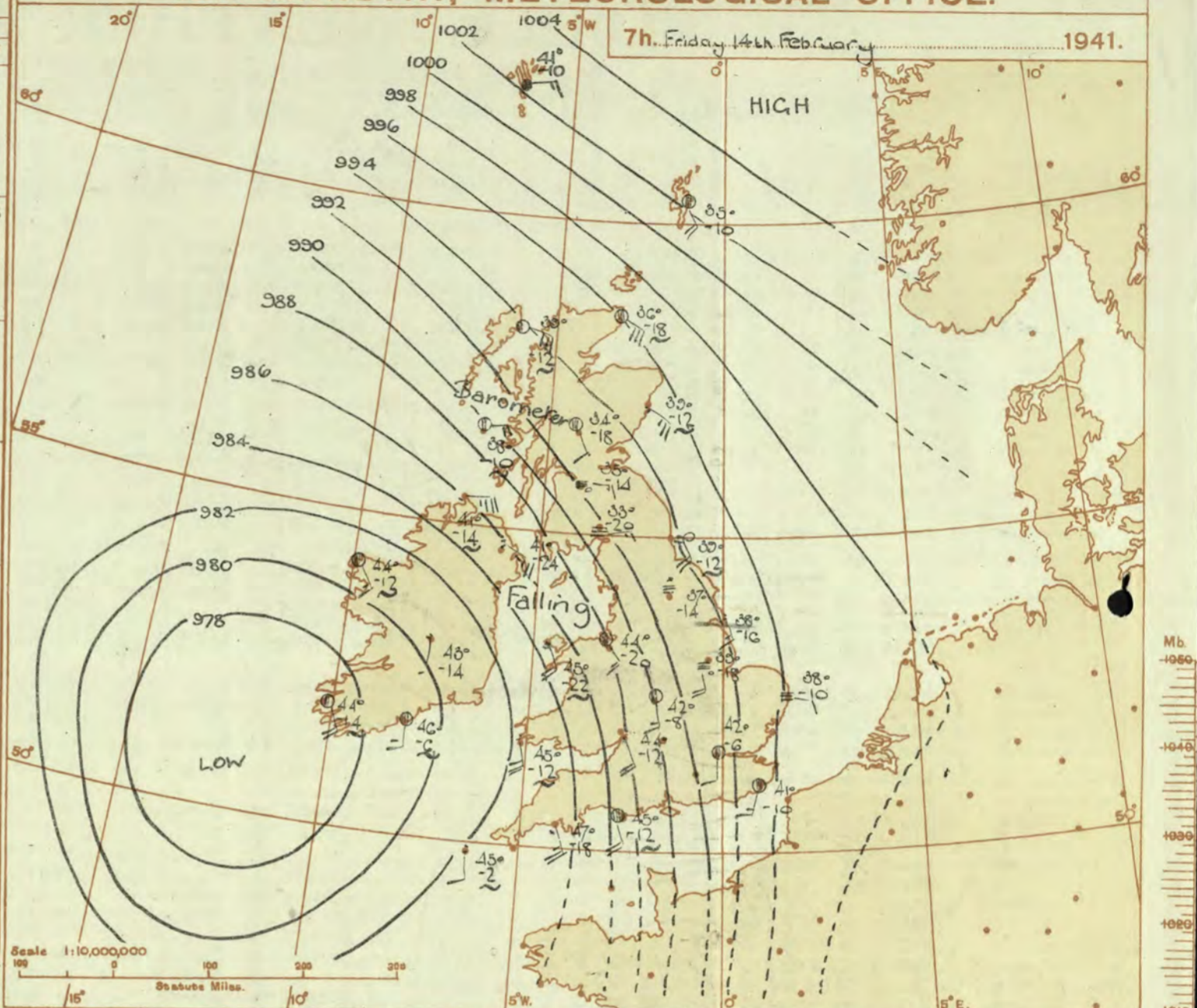
OBSERVATIONS at 13h. G.M.T. 13th February														OBSERVATIONS at 18h. G.M.T. 13th February				
---	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--

Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 14th February				15h. G.M.T. 14th February				01h. G.M.T. 15th February				07h. G.M.T. 15th February			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub>	wwVhN <sub>h</sub>	DDFWN
109	10	01851	11613	57	01851	10613	5-	02855	10528	87	02755	42525			
115	52	15834	45627	52	15844	45627	87	14844	45627	52	14844	45527			
203				5-	02548	08328	5-	02548	08428						
206	52	02745	10468	62	01745	10468	02	02748	10568	52	22856	10568			
210	52	02854	10528	52	02843	10628	52	01847	09468	52	01737	42568			
220	52	03846	15528	52	02755	13528				24	01752	07403			
230	7	02856	08368	57	02854	10426	04	02850	12315	03	01559	12314			
245	5-	02648	09768	6-	02638	10668	6-	02638	43768	8-	05648	16468			
260	5-	04538	08368	52	02434	06168	5-	05648	08128	5-	05547	00017			
277	57	05538	10358	5-	05638	00328	53	0-763	07427	5-	01648	08468			
279	52	05656	06328	5-	05558	04228				5-	08448	09428			
285	--	44307	08247	5-	03538	02228				--	77100	06349			
288	62	02646	12168	5-	47048	25168	5-	41448	12148	02	02448	05268			
273	18	01792	12403							43	04654	07468			
301	5-	02467	12147	50	08465	10315	02	01400	10268	52	04435	10368			
321	5-	43328	28148	--	43109	16148	--	44000	00049	6-	03548	15368			
299	5-	02438	14368	5-	05538	23128	50	05534	23114	--	48303	16349			
292	52	05636	28168	5-	05546	00026	5-	47213	10148	62	07327	06248			
310															
316	57	08437	20168	00	47230	20110	5-	43067	12147	52	47345	14368			
333	23	00852	14312	40	00861	14112	6-	02857	45427	52	04656	12468			
334	--	01853	16113	--	02856	12216				--	62746	14268			
340	50	01744	18214	40	05673	14203	51	05547	12418	5-	05648	12468			
136	5-	43318	22368	50	08443	20243				57	22564	2367			
336	52	02754	20426	26	02754	16315				62	04643	16468			
350				44	05652	18213									
368	26	05654	11314												
379	50	05635	20318	50	05634	18214	52	08484	18328	5-	05646	12326			
390	57	05544	22225	03	47330	18243	5-	47248	16248	5-	05656	16366			
382	76	02844	22225	40	05655	16225	53	05656	14328	57	05665	14527			
438	5-	46007	24349							5-	02757	16427			
430	5-	41528	22148	00	08490	16114	62	01447	14428	5-	05648	47428			
409				67	22634	16568	452	04626	48668	52	04637	47668			

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>L</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.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th February 1941.

1 S.E. England	Moderate or fresh southerly wind, strong at times on coast; cloudy, slight showers at first; general rain spreading east slowly, reaching the east tonight, perhaps some improvement tomorrow; rather mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh or strong southerly wind, veering and moderating somewhat; rain at times, but some fair intervals later; rather mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Fresh or strong S.E. wind; dull, some rain; average temperature.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	Fresh or strong S.E. wind; cloudy, wintry showers; cold.
17 N.W. Ireland	Moderate S.E. wind; cloudy, occasional rain; rather cold.
18 N.E. Ireland	As 8-15
19 S.E. Ireland	
20 S.W. Ireland	As 17.

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

GENERAL INFERENCE.

A large depression off S.W. Ireland is spreading east and weather will be generally cloudy with rain at times and strong winds on many parts of the coast.

FURTHER OUTLOOK.

Mainly dull, rain at times, occasional brighter intervals in the South.

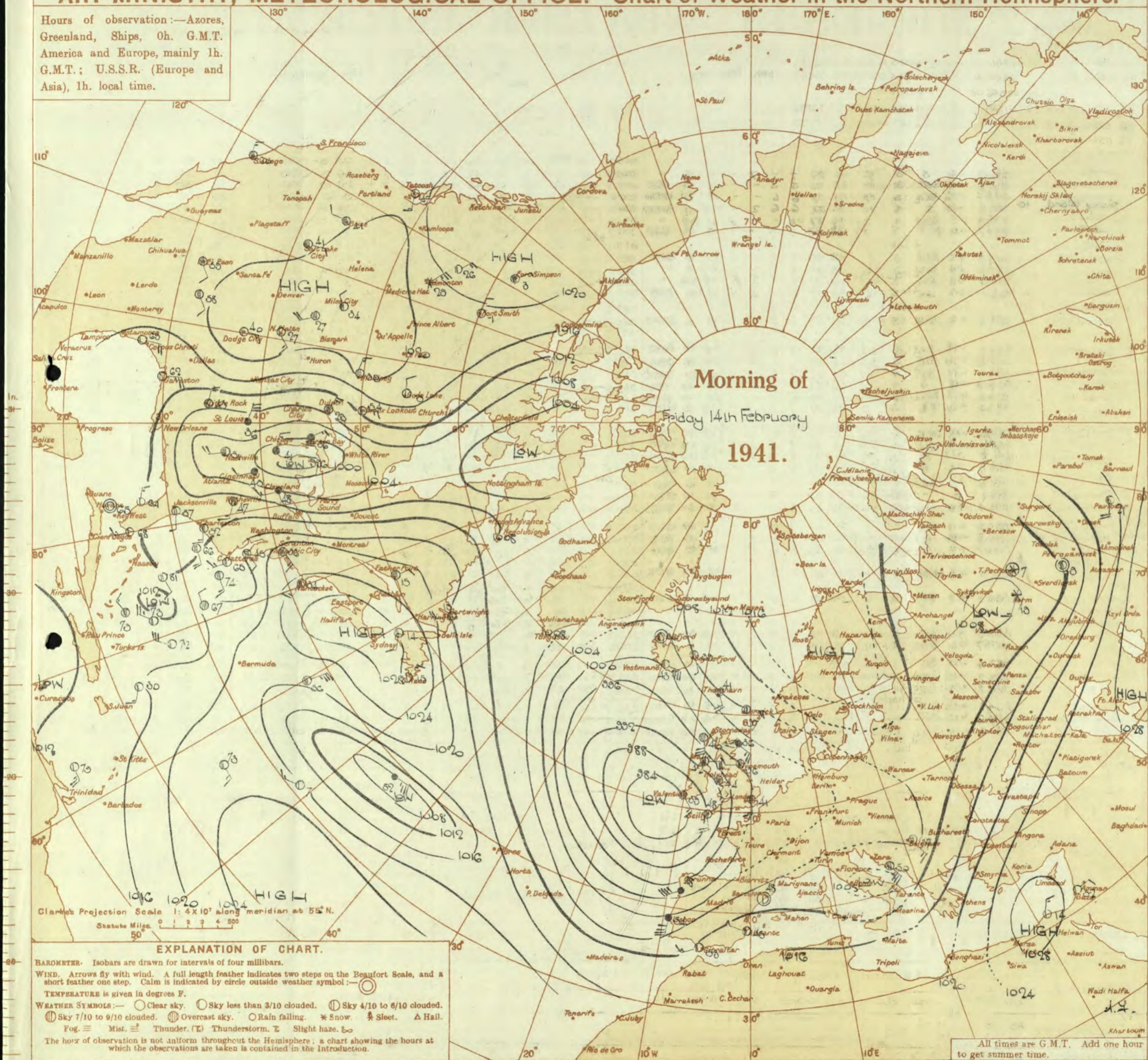
Forecasts issued at 10.30 G.M.T.

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, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.







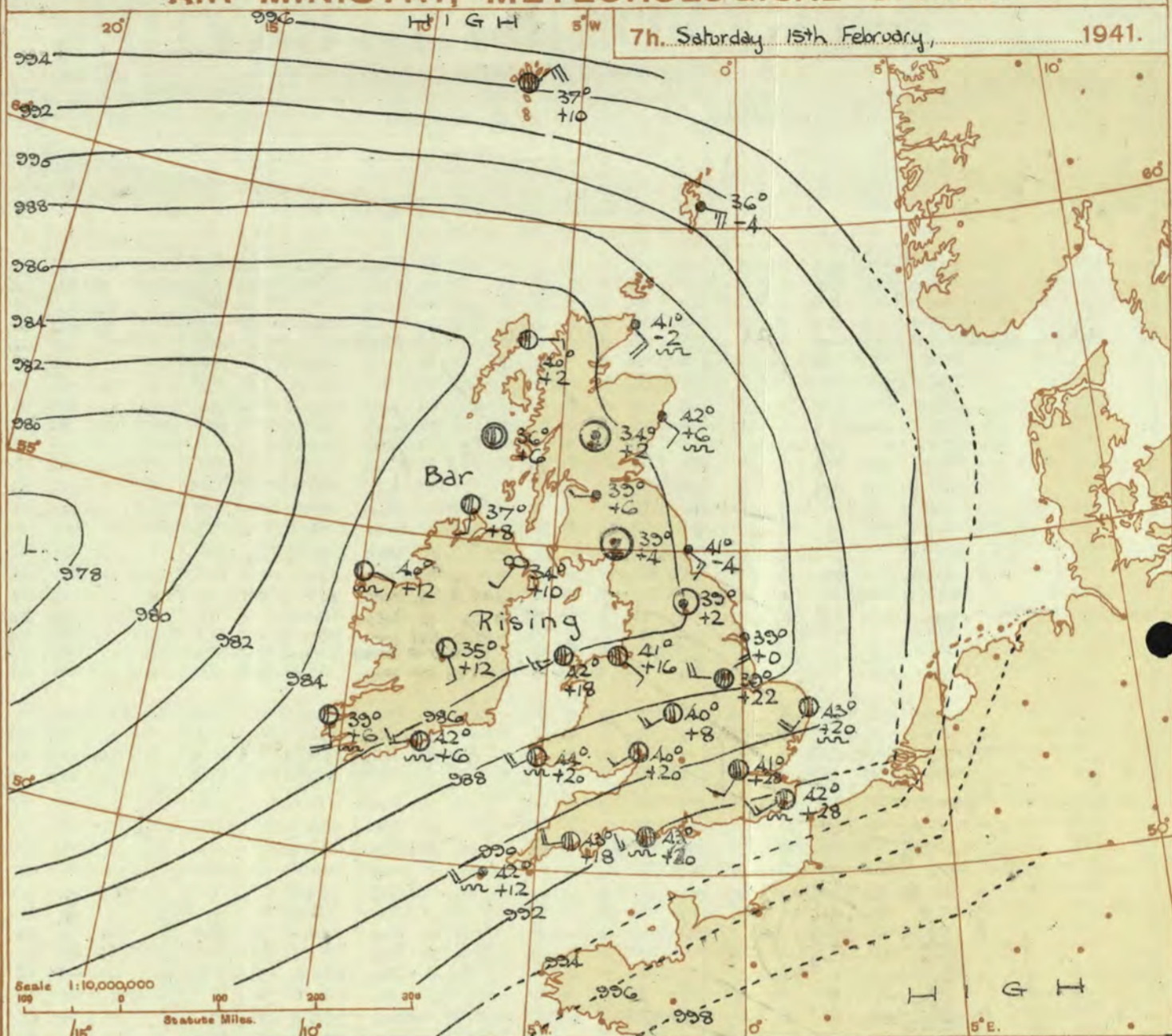
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T.	14h. February	18h. G.M.T.	01h. G.M.T.	15h. February	07h. G.M.T.
III, C <sub>u</sub>	wwVhN <sub>h</sub> DDFWN	C <sub>u</sub> C <sub>u</sub> wwVhN <sub>h</sub> DDFWN	C <sub>u</sub> C <sub>u</sub> wwVhN <sub>h</sub> DDFWN	C <sub>u</sub> C <sub>u</sub> wwVhN <sub>h</sub> DDFWN	C <sub>u</sub> C <sub>u</sub> wwVhN <sub>h</sub> DDFWN
109 52	62635 09573	52 22635 08568	5- 64638 44568	52 61635 10568	
115 52	62734 10687	87 15734 41666	52 62735 41668		
203		8- 01955 08415	5- 64738 08368		
206 87	02755 12326	52 02655 10468	52 61745 10168	02 62648 10168	
210 52	02746 10428	62 61626 10468	52 64637 09268	02 62538 09068	
220					
230 52	02756 09428	52 61656 10468	53 05645 00067	5- 05557 00027	
245 6-	62638 13668	6- 64538 10668	6- 62528 10468	6- 61648 12468	
260 5-	52538 08298	5- 08448 04158	5- 63548 00068	5- 67248 00068	
277 62	62637 10668	57 62585 10368	57 45323 18167	5- 41428 85830	
279 52	22656 09468	5- 22548 08368	5- 62446 16268	52 64434 00068	
285 --	62209 10468	-- 67209 10368	-- 64628 04368		
288 02	62658 12468	52 05655 14268	51 05557 15168	57 61648 14168	
273 33	01762 20114	57 03643 14267		01 45330 18248	
301 62	22544 14468	62 62437 14468	62 64536 00068	52 62544 12168	
321 57	22643 14368	5- 05658 45428	51 62663 15368	57 61564 18267	
299 5-	64648 14468	5- 05347 10427		5- 64548 14368	
292 07	22630 10268	52 22435 11268	52 22545 12268	52 62447 12268	
310					
316 57	08455 12368	57 08453 14368	5- 61548 16168	5- 61548 18268	
333 62	64645	57 02752 00067	5- 41548 00048	23 01853 24215	
334 --	62645 14568	-- 03346 16468	-- 02745 22328		
340		52 64646 12568	62 64537 12168	5- 02765 16268	
136 57	02774 13468	57 02784 13417	03 05620 12428	53 05636 19357	
336 62	64643 14368	62 64643 16468		52 02734 24316	
350 57	05554 14528	57 05564 12325		87 25746 18367	
368 57	05636 15428				
379		57 61636 12368	6- 62538 20368	6- 05528 22428	
390 57	02751 12467	57 05625 12317	52 51446 18257	5- 21447 20257	
382 57	02764 14527	52 62656 14468	62 62657 20368	57 01853 22414	
438 8-	02757 18517			82 63757 22468	
430 07	02790 12528	5- 61658 14428	50 22664 22364	36 05653 24224	
409 87	22734 16386	27 02643 18228	26 25754 22286	33 25845 16186	

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).

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 15th February, 1941.



Mb.  
-1050  
-1040  
-1030  
-1020  
-1010  
-1000  
-990  
-980  
-970  
-960  
-950  
-940  
-930  
-920  
-910  
-900

DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 15th February

1 S.E. England	Moderate southwest wind backing to northeast and freshening later.
2 E. England ...	Bright periods and local showers at first; considerable rainfall later. Mild, becoming colder later.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate southwest wind, backing southeast later. Bright intervals; showers.
6 South Wales ...	Mild during day, rather cold at night.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light or moderate south or southeast wind, backing southeast to east.
10 N.E. England	Rain at first; bright intervals later; local fog tonight. Average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	Moderate east wind; some rain or sleet. Cold.
17 N.W. Ireland	Light or moderate southwest to south wind. Bright intervals; showers.
18 N.E. Ireland	Average day temperature. Frost inland at night.
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 is centred to west of Ireland and an associated trough over South Scotland is moving north. Another deep depression between the Azores and Portugal will probably move north-east. In Scotland there will be rain at first, followed by bright periods. Elsewhere in the British Isles there will be bright intervals and local showers but general rain will probably reach Southeastern districts later in the night, with freshening southeast winds. Fog will occur locally to-night. It will be mild during the day but rather

FURTHER OUTLOOK. cold at night.

Unsettled.

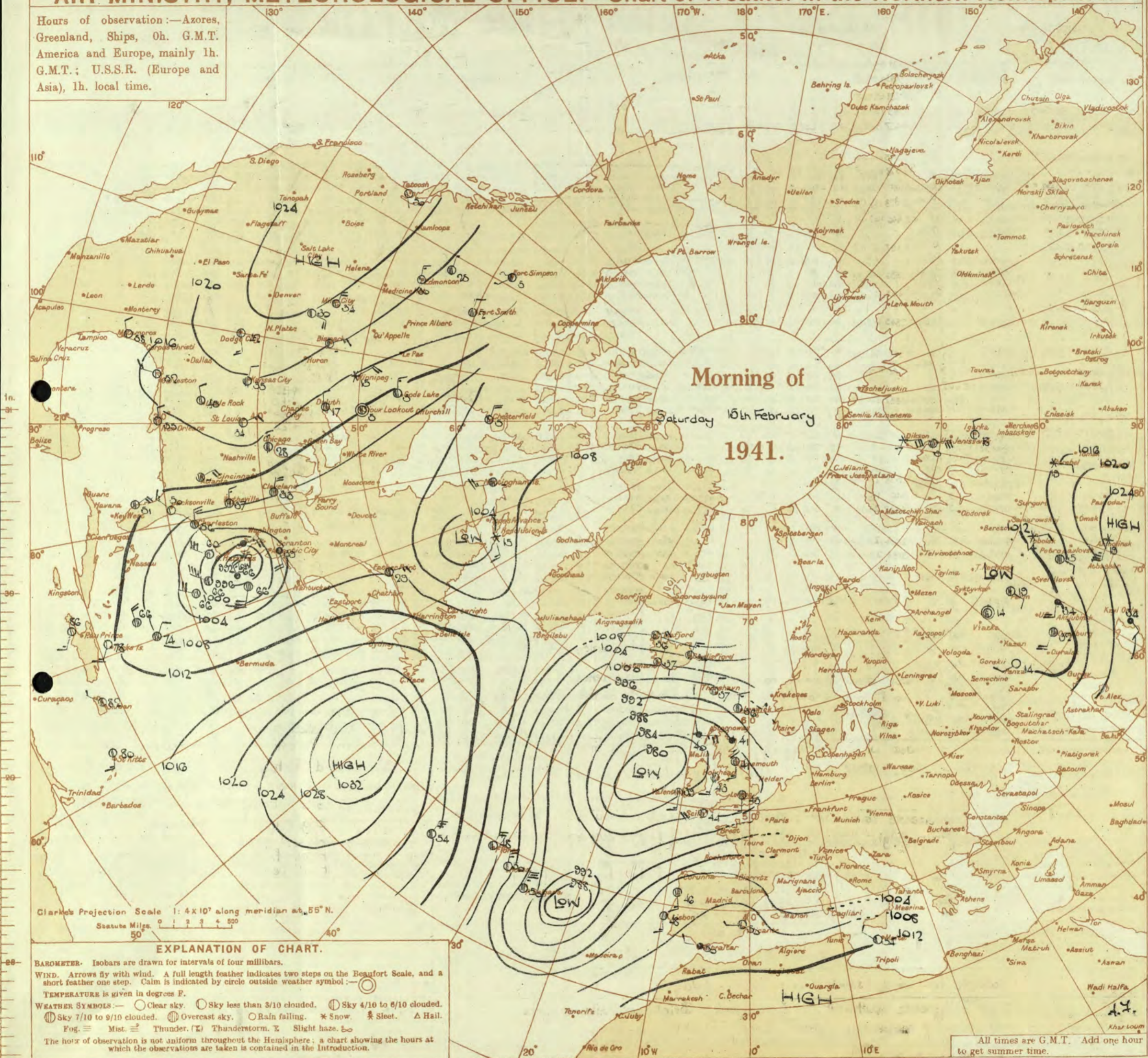
Forecasts issued at 1030. 15. 2. 41.

H.M.S.O. Press, Crownhill 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.



AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Saturday 15th February, 1941.  
No. 28,940

OBSERVATIONS at 1 hr. G.M.T. 15th February														OBSERVATIONS at 7 hr. G.M.T. 15th February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. M.S.L. mb.	Change in 3 hours.	Wind.																																

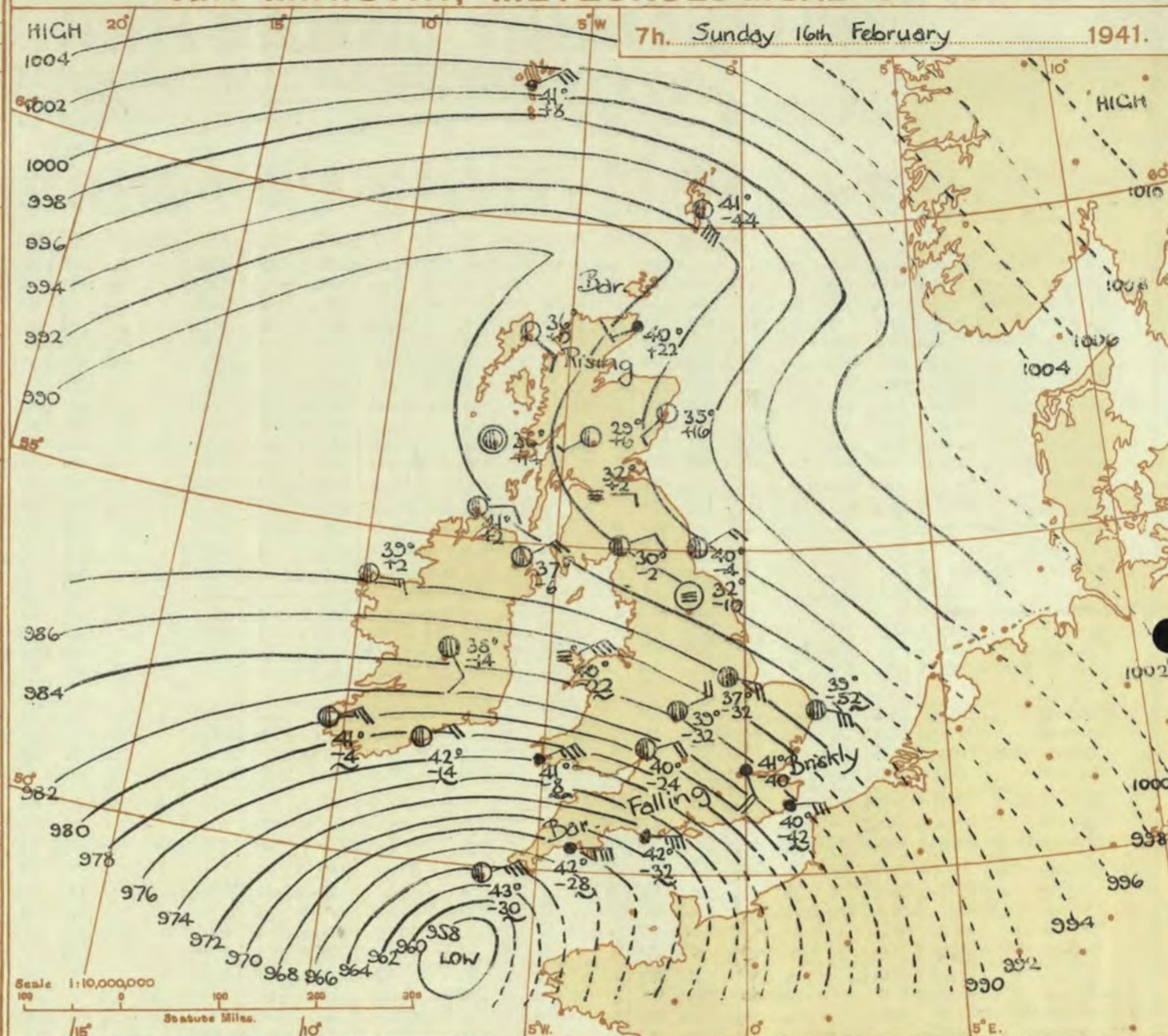


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T.	15h. G.M.T.	18h. G.M.T.	01h. G.M.T.	04h. G.M.T.	07h. G.M.T.
III. C <sub>1</sub> wwVhN <sub>1</sub> DDFWN	C <sub>2</sub> wwVhN <sub>2</sub> DDFWN	C <sub>3</sub> wwVhN <sub>3</sub> DDFWN	C <sub>4</sub> wwVhN <sub>4</sub> DDFWN	C <sub>5</sub> wwVhN <sub>5</sub> DDFWN	C <sub>6</sub> wwVhN <sub>6</sub> DDFWN
109 62 64527 10368	6- 51528 43468	6- 52638 07458	5- 08478 00058		
115		52 62738 10268			
203	5- 03758 16228	5- 03838 16428	8- 01854 16414		
206 02 61538 00068	02 62528 00068	62 62648 24168	57 02858 00007		
210 52 61744 08268	5- 57318 08268	02 66528 21368	5- 02857 16167		
220 81 02858 17218	20 02783 13128		20 01853 16203		
230	87 02848 18317	07 01850 12114	07 01790 12114		
245 6- 64528 11368	5- 62438 23368	07 01790 25103	07 41630 24443		
280 5- 68648 26368	53 05663 22314	50 06761 00003			
277 17 02741 23368	40 00351 16302	00 01790 06214	07 02790 06427		
279 62 05648 22467	20 00851 20313	00 05530 02103	57 08464 06417		
285 7- 81537 24697	23 01743 24444				
288 5- 22767 19367	84 01753 17224	00 05530 17116	83 41554 06247		
273 10 01752 17102					
301 83 05663 22398	83 17457 08187	50 03462 12285	57 05565 06428		
321 80 02765 26325	5- 05664 17324	51 05561 15128	57 02664 04427		
299 57 21543 22357	50 05643 22413	57 05554 22216	5- 05647 08417		
292 26 02754 26368	8- 05554 00004	57 08438 12217	57 05663 06317		
310					
316 36 05654 26364	80 05554 18215	07 05530 12283	57 05567 10428		
333 36 01953 17313	8- 02963 14315	01 01790 06314	52 02744 35628		
334 -- 01954 26314	-- 48154 16314				
340 80 01965 26415	86 05664 14384	51 05563 05318	57 02657 38528		
136 80 01944 26434	26 05654 16383	07 05630 12318	07 05630 09317		
336 62 01753 16414	26 02753 16415				
350 83 02858 18496	87 02653 16424		51 05654 06428		
368 86 01954 12125					
379 20 01755 22415	96 25653 18287	03 05630 10414	62 61645 08628		
390 83 05554 19115	57 08443 16225	07 05630 08418	62 05644 41528		
382 20 25854 19585	8- 81645 14385	52 05574 05438	52 61634 08428		
438 8- 02767 22417			02 03648 12588		
430 20 02854 22515	00 01830 14315	07 05630 10528	5- 61647 41668		
409 36 02855 18438	54 02845 12327	52 61743 41528	62 22744 40865		

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.  
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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).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 16th February, 1941.

1 S.E. England	Fresh or strong east wind, gale on coast, veering south; moderating somewhat by tomorrow; continuous rain at first, showers and bright intervals later; rather mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Easterly gale, veering S.W., moderating somewhat tomorrow; rain at times, local hail and thunder; some short bright intervals; rather mild.
6 South Wales ...	
7 North Wales ...	As 1-4.
8 N.W. England	Fresh or strong east wind, gale locally on coast; dull, rainy; some improvement later, but much cloud; average temperature.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Freshening east wind, becoming strong, perhaps a gale locally later; dull, rain evening and night, snow on hills; rather cold.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland. B.N.W. Scotland.	Freshening east wind, perhaps gale locally later; bright intervals at first, but perhaps fog patches in east; dull and rainy tomorrow, snow on higher hills; rather cold.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Fresh or strong N.E. or N. wind; dull and rainy; sleet locally; rather cold.
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 very deep depression off Brittany is moving slowly north. Rain in southern districts will extend to most areas later, but weather will be fair at first in Scotland. Later there will be showery conditions in the South and West with local thunderstorms but also bright intervals. There will be strong E. to S.E. winds, or gales in the South extending northwards later. The E. to S.E. gales will veer to S. or S.W. in southern districts later today.

FURTHER OUTLOOK.

Unsettled generally, but some bright intervals in the South.

Warning of gales in operation in districts: -

5.	Issued at 1500h. on 15. 2. '41
1	" " 2230h " 15. 2. '41
2, 6, 10.	" " 0240h " 16. 2. '41
7, 8, 10, 16, 20	" " 0830h " 16. 2. '41

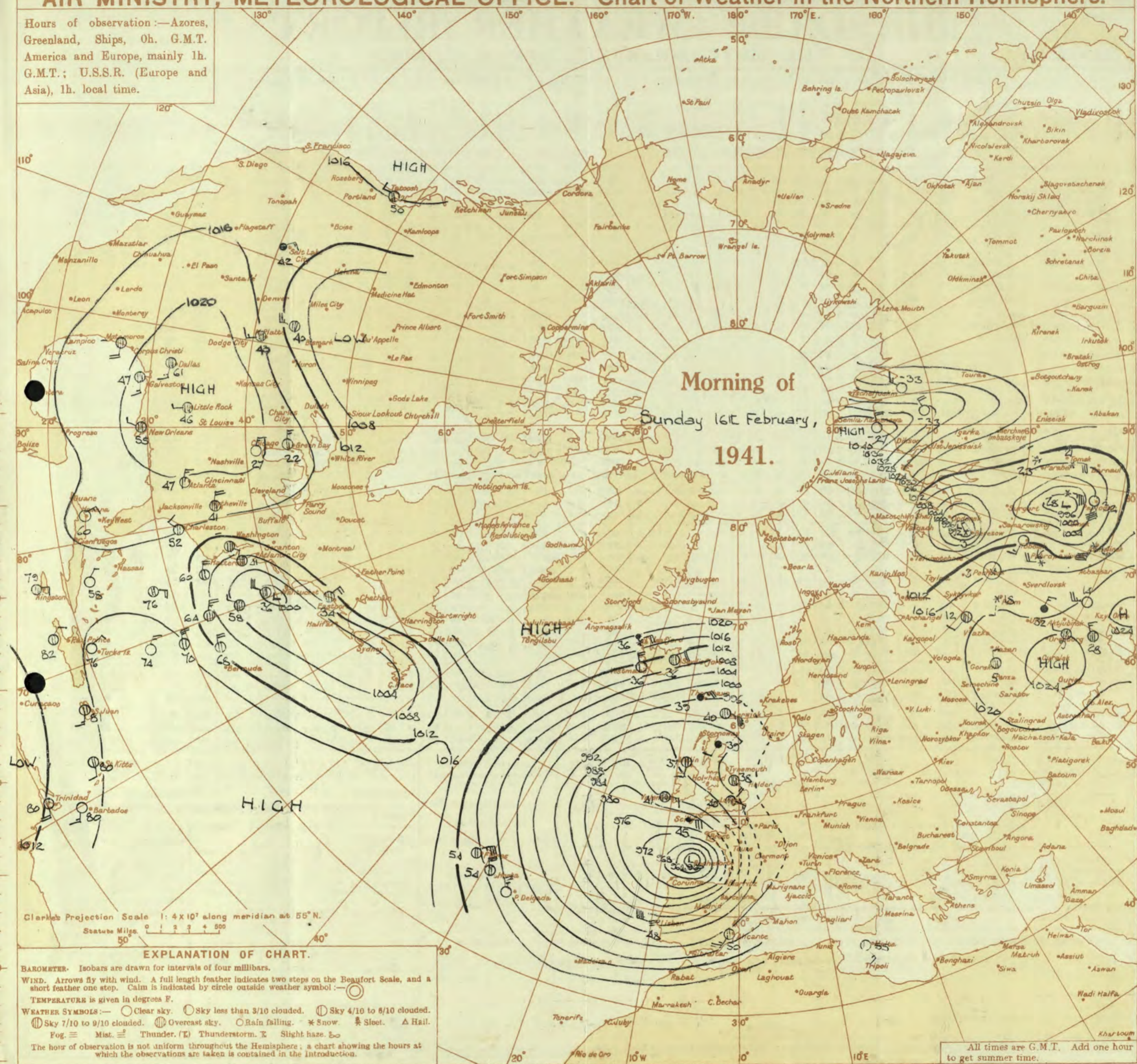
Forecasts issued at

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

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

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

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







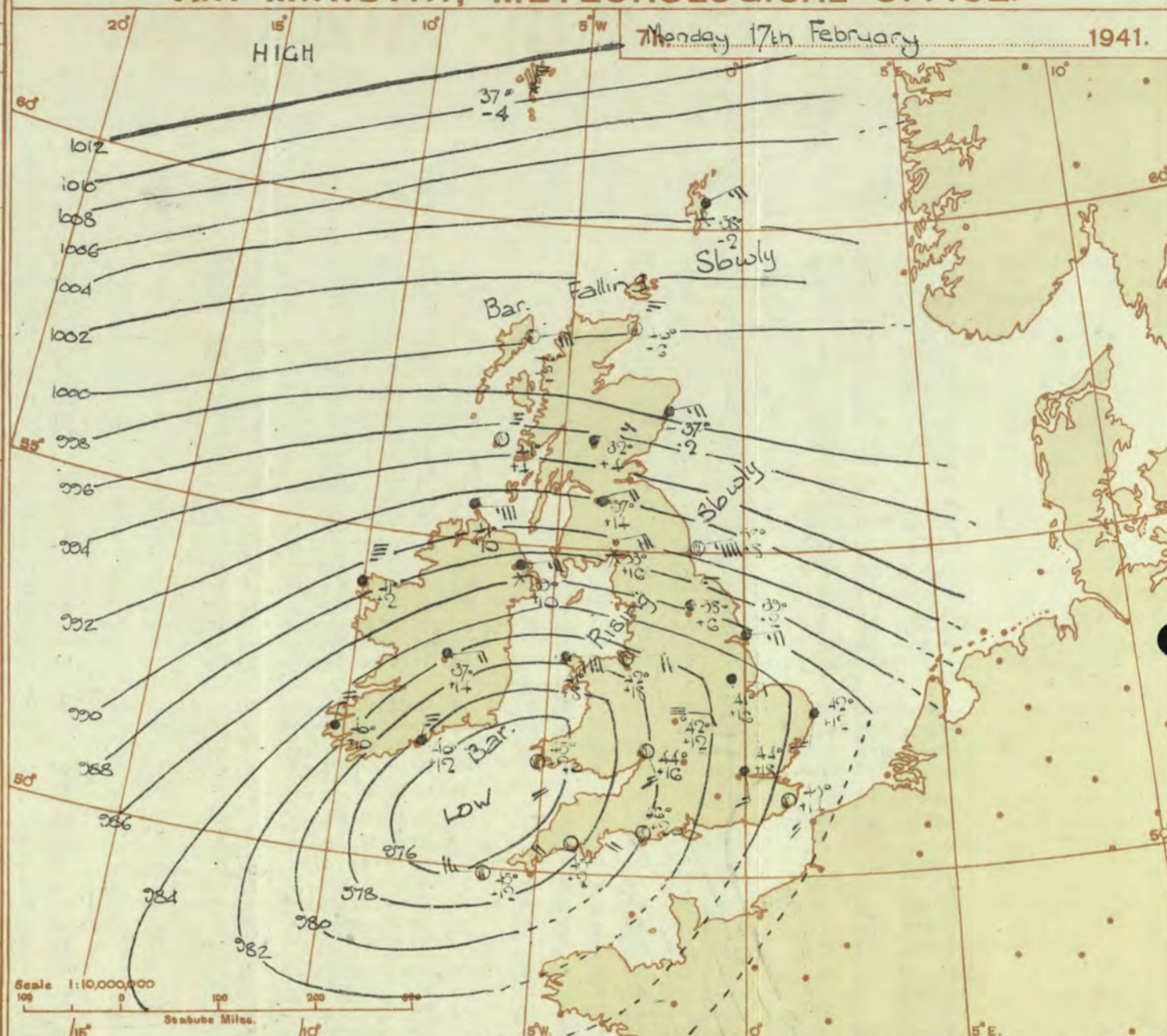
Abridged observations of additional stations in the

# AVIATION WEATHER CODE

13h. G.M.T. 16th February				18h. G.M.T.				01h. G.M.T. 17th February				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	52	02655	12467	52	03645	10528	5-	02647	00507	5-	02757	07567			
115				52	02734	12527	52	02735	41683	57	51834	41887			
203								5-	03538	04588	5-	02935	04525		
206	07	02830	06226	52	02746	08328	5-	02748	41683	52	02846	41528			
210	57	02855	10227	5-	02846	08458	5-	02748	41768	52	02745	44728			
220	23	01952	14304	40	01873	07805									
230	51	02853	00028	51	02857	04427	57	02645	00507	57	02855	00508			
245	57	05656	08427	G-	05628	40628	02	52588	00758	62	61648	08768			
260	57	05645	08328	52	05636	08428	G-	52438	08568	52	61635	41568			
277	57	02841	06528	57	02841	40628	57	02755	00508	57	4765	00767			
279	07	05630	07628	52	02735	06828	--	05648	08868	67	61747	00867			
285										G-	08538	04678			
288	57	02744	39428	52	05536	39528	62	62536	08768	5-	52588	00268			
273				57	02853	39628				43	14863	00868			
301	57	05664	06528	62	61634	00628	52	05642	00668	62	61646	00568			
321	51	02753	40628	52	61635	40528	02	22588	41568	02	62588	37408			
299	57	05666	08628	G-	61538	01768	5-	22538	07768	5-	62448	07768			
292	17	02851	41527	62	61636	20628	62	52627	41788	62	62627	08408			
310															
316	62	61635	06468	62	62826	41568	62	64526	00508	02	47288	08168			
333	57	47534	06827	57	7654	39627	5-	02747	39567	5-	02747	02867			
334										--	61647	12868			
340	62	62645	39668	62	62635	00768	5-	51637	00768	5-	05637	08457			
136	62	62636	40368	5-	05628	06628	57	62744	12465	5-	62518	12268			
336										62	22755	14468			
350	62	61636	37868							52	31644	18468			
368															
370	5-	05638	41528	G-	64518	41568				62	61645	16368			
390	62	22636	41668	62	62637	00568	62	62636	00468	62	32588	6068			
382	52	05635	07528	62	64537	08468				57	61646	14268			
438	8-	02757	08627							50	01755	18665			
430	5-	02757	12628	62	32636	12568	02	60638	51568	52	05646	18357			
409	62	62635	37668							52	22745	20567	86	01745	0416

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## 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 off the Bristol Channel will fill up and either remain stationary or move slightly west, while another depression moves from the Azores to Portugal. An anticyclone north of Iceland will tend to spread south. Rather cold east winds will continue in the North and probably spread to all districts after 24 hours. There will be occasional rain in most districts and snow before long on high ground in the North.

### FURTHER OUTLOOK.

Rather cold easterly winds in the North, probably spreading to all districts. Snow on high ground in the North.  
 ↓ Gale warning in operation in districts 2.7.8.10.11.12.13. 15. 17. 18. 19 + 20.  
 Times of issue 0240 on 16/2/41; 0800 on 16/2/41 0400h. on 17/2/41.

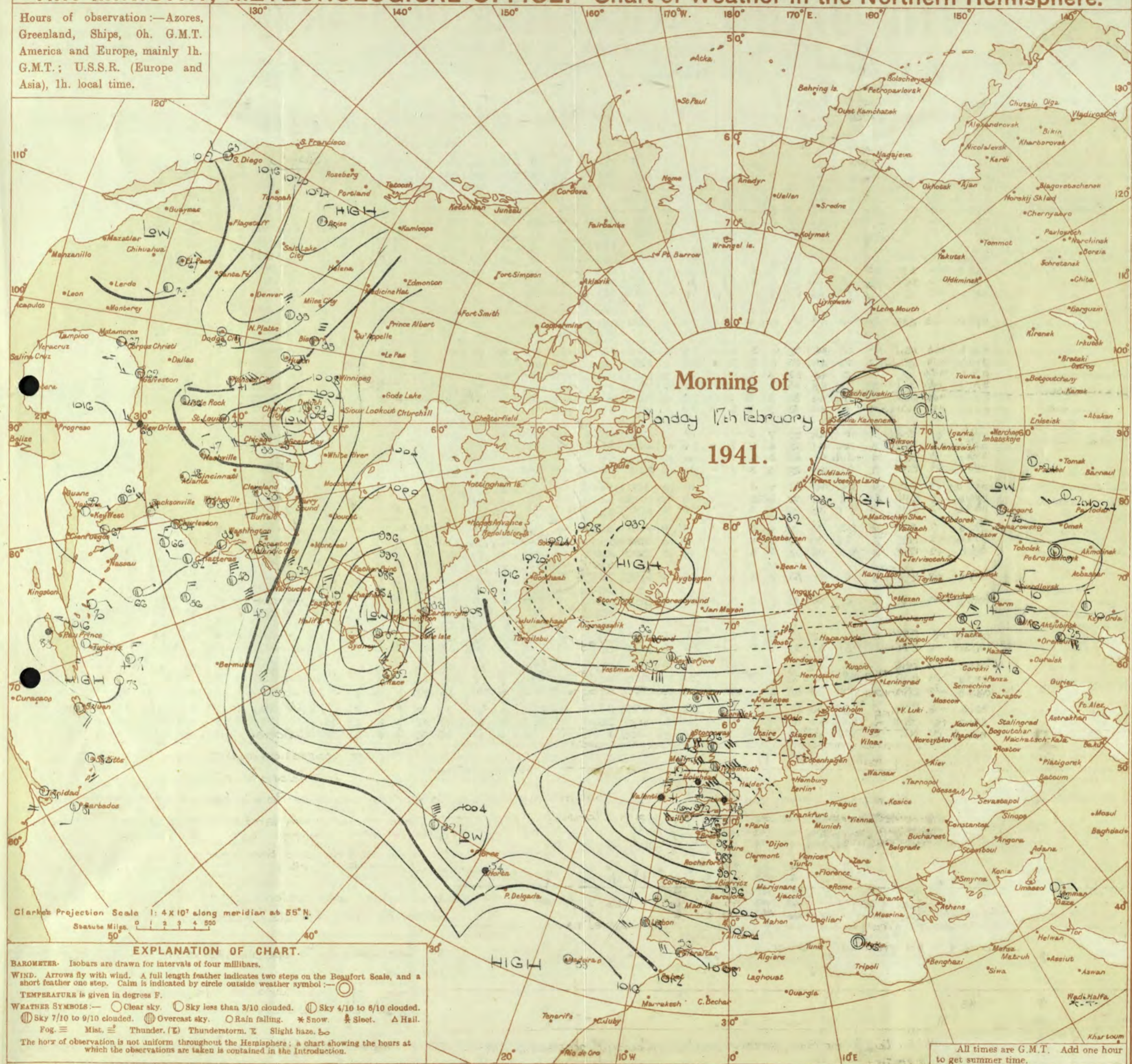
N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.

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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Monday 17th February 1941.
1 S.E. England	Moderate or fresh south wind, falling light inland inland tonight;
2 E. England ...	cloudy, some showers, brighter intervals; a few local fog patches inland
3 E. Midlands ...	night and morning; rather mild.
4 W. Midlands ...	
5 S.W. England	Fresh S.W. wind moderating; cloudy, some showers, a few
6 South Wales ...	bright intervals; rather mild
7 North Wales ...	
8 N.W. England	Fresh or strong east wind, gale locally at first but moderating;
9 N. Midlands ...	dull rain at times; patches snow on high ground tomorrow;
10 N.E. England	rather cold.
11 S.E. Scotland	
12 S.W. Scotland	
& Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	Fresh or strong east wind; cloudy, occasional rain or sleet,
15 N. E. Scotland	snow on high ground; rather cold.
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7-12.
18 N. E. Ireland	
19 S. E. Ireland	Wind N.E. to E. or S.E., fresh locally; cloudy; occasional rain;
20 S. W. Ireland	average temperature.

# 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. 17th February

## OBSERVATIONS at 7 hr. G.M.T. 17th February

## PAST 24 HOURS.

District.	ST
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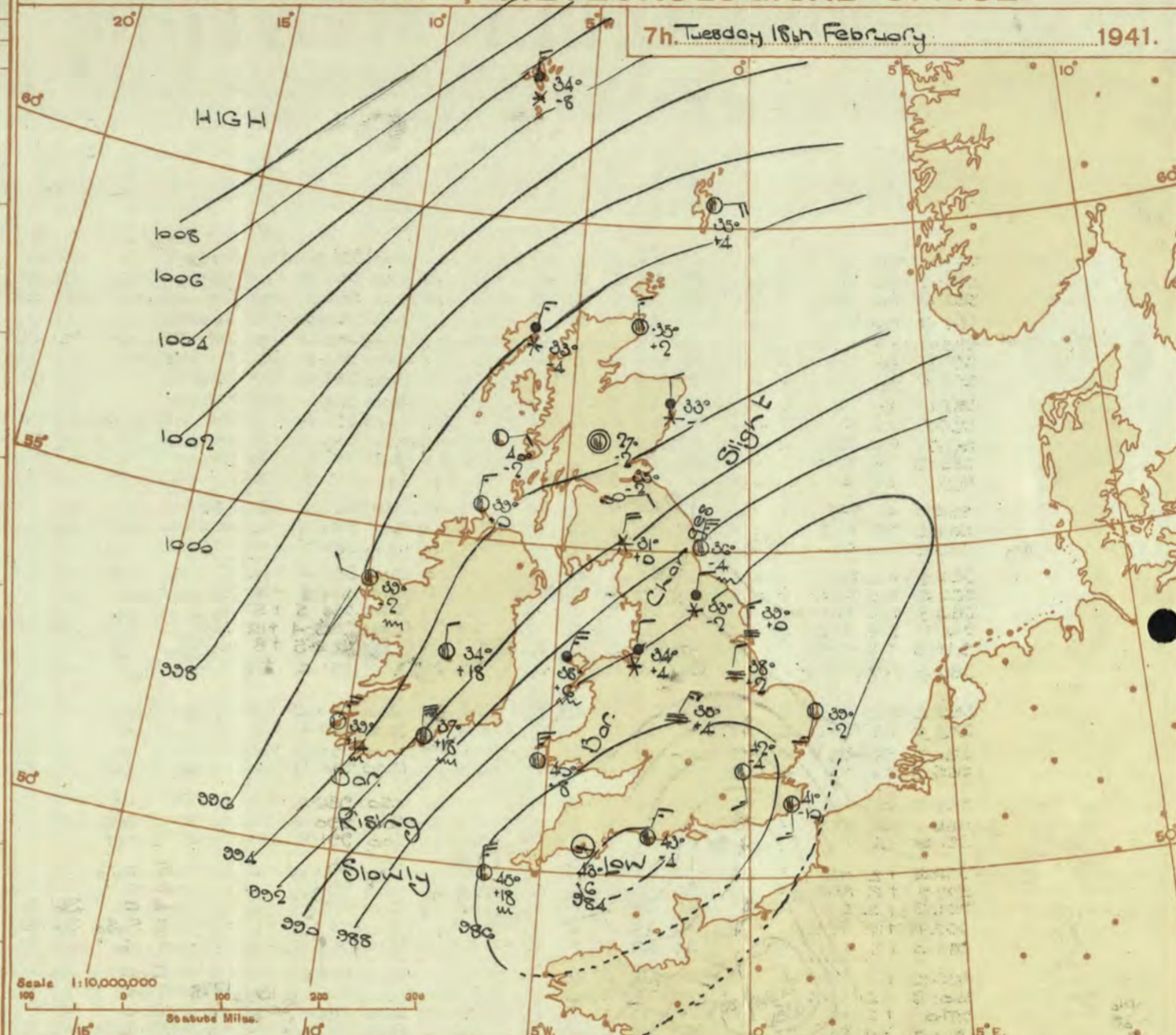
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 17th Feb. 18h. G.M.T.				01h. G.M.T. 18th Feb. 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
109	5	03868	03428	5	02868	02428	5	02868	00025
115	87	14834	41587	87	31734	08487	52	81834	08286
203	8	01844	04414	8	02847	06527	8	81846	32386
206	62	22745	04268	87	81846	04288	5	02857	32127
210	57	27645	07487	72	02856	03468	5	01854	03214
220				83	01854	03440			
230	52	61856	30428	52	02853	06377	5	02857	06217
245	5	78648	05778	6	03788	03678	52	78646	02378
260	5	68648	30478	62	01635	06468	52	26556	06288
277	57	61854	30768	57	02853	07478	52	24763	01378
279	67	22835	30868	62	01834	30768	--	05548	04558
285	6	68638	06578	6	72638	04478	6	72638	06378
288	62	62637	38568	62	02426	08568	62	62435	37578
273				62	08746	05678	60	01762	02102
301	52	61746	06568	62	02634	06368	62	62588	06368
321	6	62418	07268	6	02578	07268	6	62578	02368
299	6	67328	07768	6	02578	07568	5	62648	07568
292	62	62626	04468	6	02738	04468	62	62648	02368
310	--	57109	32449						
316	52	67335	08158	62	07226	08168	5	67328	02368
333	57	17754	06427	67	02654	04368	62	64653	00068
334	--	03757	12228	--	07427	08368	--	76547	32368
340	57	61545	00368	5	51438	04368	52	62546	02168
136	62	51637	15268	46	05657	14287	5	05566	18216
336	62	02783	14427	62	03730	14328	--	57808	04349
350	57	22645	14368	57	02646	14367	5	67228	12248
368	86	22864	16367						
376	5	05638	14328	5	05448	16728	--	64108	06268
390	62	61546	16368	52	51447	16158	50	08451	16111
382	87	81646	16488	47	07746	16388	50	05664	00014
485	5	02758	20428				6	61608	16268
430	57	05655	18328	53	05564	16316	5	08657	16267
408	85	02745	17427	80	02765	15228	5	02768	08258

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).

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday 18th February 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Tuesday 18th Feb. 1941.

1 S.E. England	Light S. or S.E. wind becoming N.E. to N., moderate to light; dull; occasional rain, mostly slight; risk of snow on high ground later; local mist or fog; average temperature, becoming colder later.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate N. wind, fresh locally on coast; cloudy; occasional slight rain, snow locally on high ground; colder.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Moderate N.E. to N. wind, fresh locally at first; dull; occasional rain sleet or snow; rather cold.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind mainly N. or N.E., light or moderate; mainly fair, but local wintry showers; rather cold.
13 { A.W. Scotl'd. B.N.W. Scot- land.	
14 Mid Scotland	Wind N.E. moderate or light; mainly cloudy, showers of snow hail or sleet; rather cold.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 12-13A.
18 N. E. Ireland	
19 S. E. Ireland	Fresh N. wind, moderating; fair; rather cold.
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 over the Eastern English Channel is drifting slowly east and filling up, while an anti-cyclone N.W. of Iceland is spreading south, forming a ridge off West Ireland. Cold N.E. winds already prevail over northern and western parts of the British Isles, and these will spread over the whole country, accompanied by snow locally chiefly on the high ground though in most areas in the South there will be occasional rain. Conditions will be dull for another 24 hrs. over most of England, & fog will occur locally in the Midlands & East.

FURTHER OUTLOOK.

Northerly winds; bright intervals in most areas, but snow locally chiefly in Eastern districts and in North Scotland; night frosts.

Forecasts issued at 1030h G.M.T.

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

H.M.S.O. Press, Crownall 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.

Morning of  
Tuesday 18th February  
1941.

Globe Projection Scale 1: 4 X 10<sup>7</sup> along meridian at 55° N.

Statute Miles. 0 1 2 3 4 500

## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.  
WEATHER SYMBOLS:— ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. \* Snow. \* Sleet. Δ Hail. Fog. ☼ Mist. ☼ Thunder. ☼ Thunderstorm. ☼ Slight haze. ☼

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.



SECRET

Page 1.

AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Wednesday 19th February 1941.  
No. 28,944.

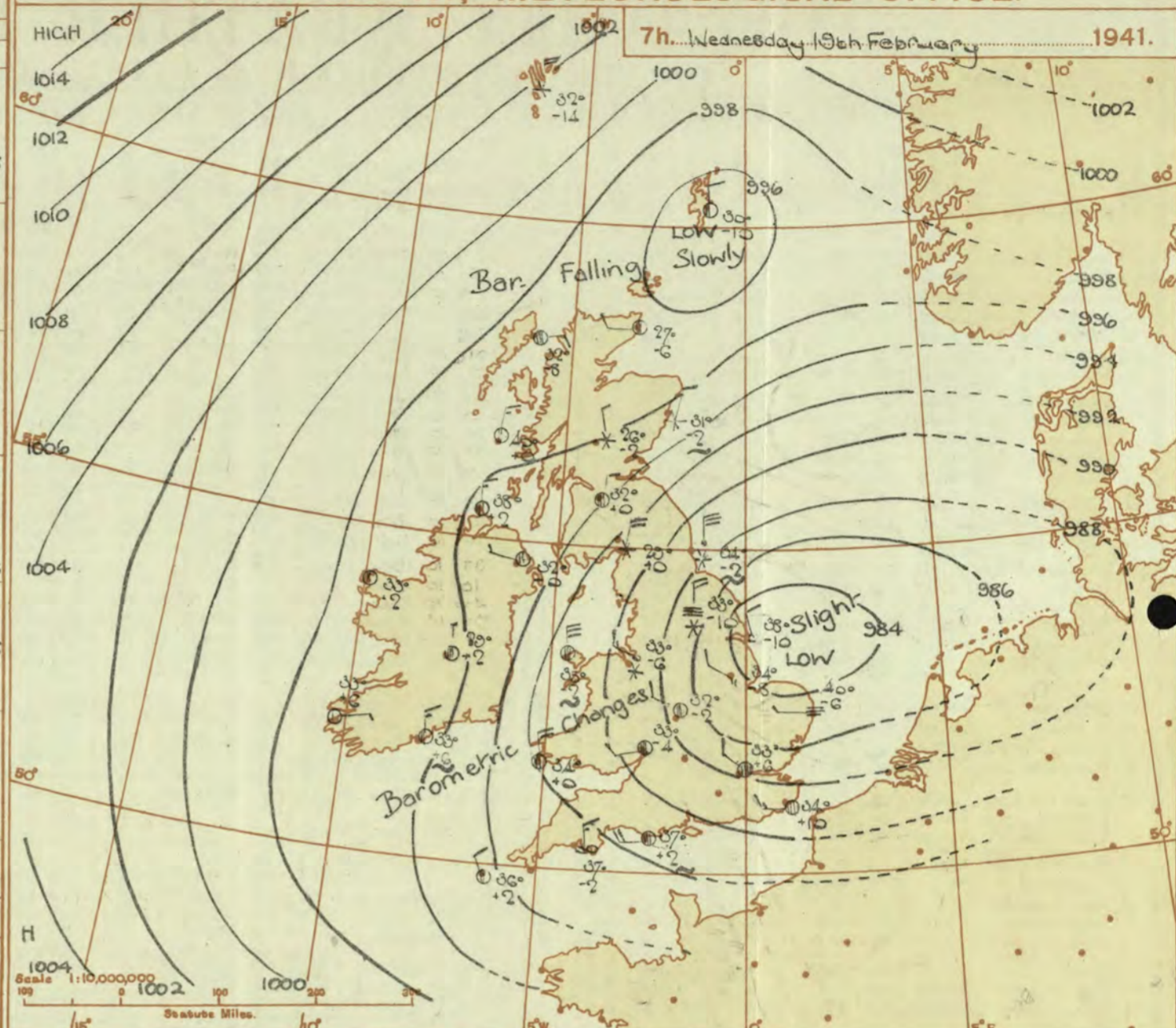
OBSERVATIONS at 13h. G.M.T. 18th February														OBSERVATIONS at 18h. G.M.T. 18th February		
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Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 18 Feb.				18h. G.M.T.				01h. G.M.T. 19 Feb.				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				0-		10744	02084					87		02354	00085
115	87	83834	08385	87		83834	08586	52		83734	08587	52		02734	08386
203	2-	01943	04213					3-		01943	08313				
206	46	02854	04286	3-		33548	02188	52		23746	00088	3-		83638	00088
210	26	83635	04185	86		87845	08187	8-		87648	07532	02		72648	06078
220	33	01944	02204	80		01853	06203								
230	13	01962	32413	7-		01964	02314	50		00862	04312				
245	36	26733	07487	02		27745	04488	3-		83538	04488	3-		83448	04388
260	5-	78548	02278	52		71704	02278	5-		72438	02678	02		72548	02278
277	57	23655	02478	52		68641	32478	02		71608	01478	52		24768	32578
279	52	62736	03378	62		68634	03478					02		68638	32578
286	6-	73538	08478	6-		74538	08578					-2		74438	02478
288	87	25646	04467	5-		22548	02828	6-		82438	02438	6-		68438	02478
273				82		10744	01488					10		00861	23101
301	52	61546	04268	52		62433	02368	52		68545	32378	61		68435	64378
321	52	03737	30328	52		05636	31428	5-		05538	28368	02		68428	28378
299	5-	02748	32428					5-		22538	08368				
292	5-	22838	31378	52		02846	32328	5-		02638	28358	5-		68438	25278
310	--	46203	32449												
316	5-	67328	02378	62		62438	32368	5-		64428	32358	52		72448	28378
333	52	61645	01268	62		62634	32368	8-		68647	32377	23		28744	30578
334	--	68538	08287	--		74428	02178					--		74428	26578
340	5-	24428	02178	62		51427	30208	02		74428	30208	02		72636	29378
136	2-	40357	28347	57		22466	06207	5-		67248	00068	02		64408	25368
338	--	46303	04349	--		77803	32349					13		02754	32315
350	52	61535	03268									5-		72528	22378
368															
379	--	57109	04359	--		67109	02359	--		74200	28379	5-		23648	28378
390	5-	52628	08268	5-		51428	02188	5-		57338	30268	52		74428	26278
382	02	58438	01358	62		58423	32368	02		68428	26478	52		24728	26378
438	5-	67219	18269									8-		10755	25515
430	63	62534	00068	52		22535	28168	5-		61538	28368	5-		01743	28413
409	52	61536	30568	23		02845	30508	50		00861	30311	3-		27847	29387

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 (3 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



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DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 19th February

1 S.E. England	
2 E. England ...	Light or moderate west or north-west wind; dull, some snow or sleet; misty, cold.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate or light north-west wind; cloudy: sleet or snow showers. Brighter intervals locally; cold.
6 South Wales ...	
7 North Wales ...	Moderate north wind, stronger locally. Cloudy, occasional snow, heavy drifting locally; cold.
8 N.W. England	
9 N. Midlands ...	Fresh north wind, strong locally at first. Dull, some snow, with heavy drifting in exposed areas; cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 7-8
13 { A. W. Scotland. B. N. W. Scotland.	Light variable wind, occasional snow but bright intervals. Cold; hard frost inland at night.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Light or moderate north-west to west or variable wind; bright intervals, local wintry showers, perhaps heavier local falls of sleet or snow tomorrow.
18 N. E. Ireland	
19 S. E. Ireland	Cold; night frost inland.
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 over the North Sea is almost stationary. Snow will fall in many parts of the country and in Northern England and Southeast Scotland there will be some heavy falls with deep drifts at exposed places. Conditions will be dull over almost the whole of Great Britain but there will be bright intervals in the extreme southwest and locally in West Scotland.

FURTHER OUTLOOK.

Wintry weather for some days.

Forecasts issued at 1030 G.M.T.

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

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

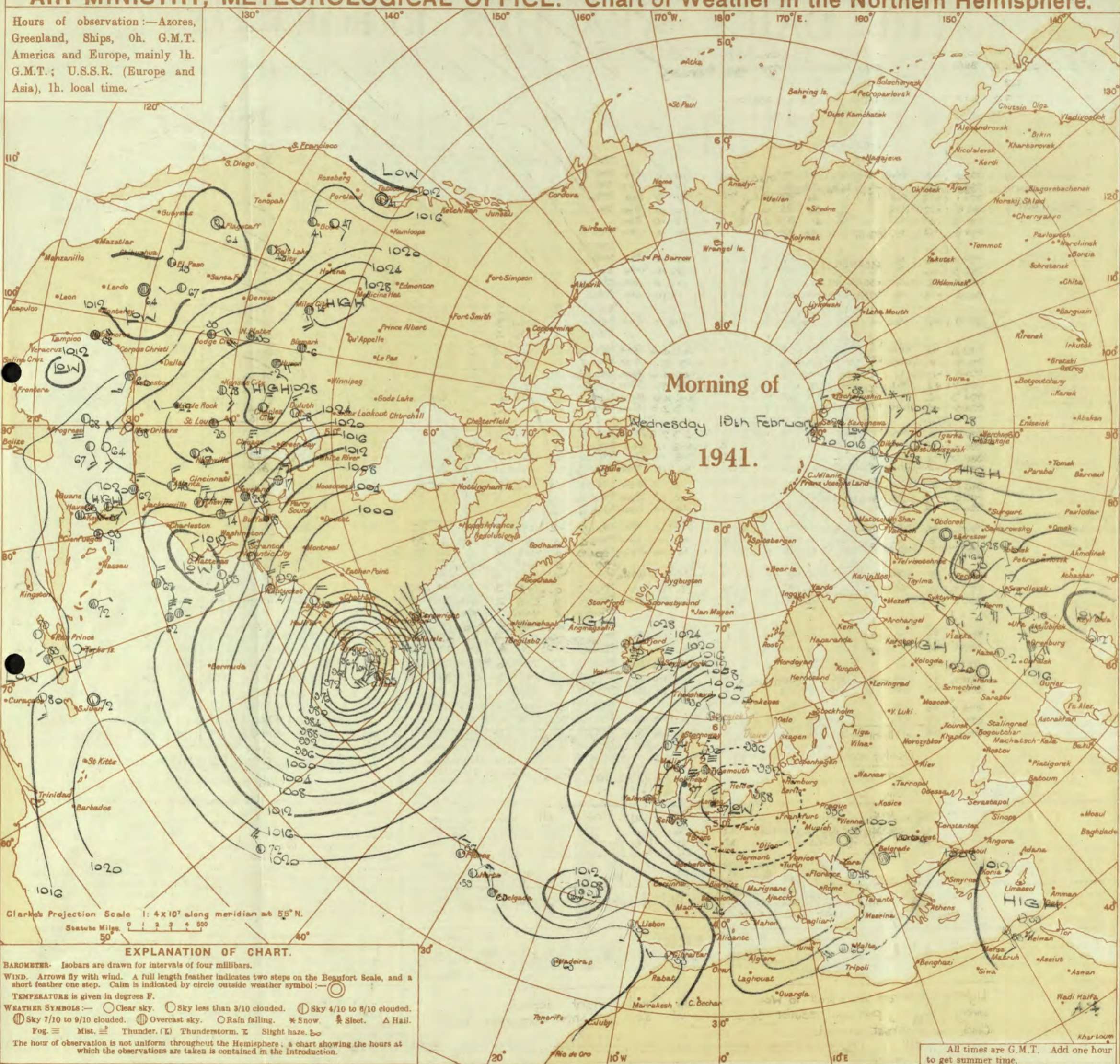
# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

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

Morning of

Wednesday 18th February

1941.



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Wednesday 15th February 1941  
No. 28944

OBSERVATIONS at 1 hr. G.M.T 13th February															OBSERVATIONS at 7 hr. G.M.T 13th February															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. (16)	Change in 3 hours. (18)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.			State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE (36) Hrs.				
					Direc. (3)	Force. (4)					Form. (9)	Med. (10)	High (11)	Low (12)	Total (13)			Height of Base. (feet) (14)	Direc. (17)					Force. (18)	Form. (23)	Med. (24)			High (25)	Low (26)	Total (27)	Height of Base. (feet) (28)	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	29.86	+2	NNW	3	bc	37	97	4	-	2	-	10	10	600	29.7	+6	WSW	3	bc	35	92	6	5	-	-	10	10	1500	4	*	45	33	32	1	7	0.0
	Croydon ... 217	226	29.82	+8	WN	4	bc	33	97	3	5	-	-	10	10	400	29.7	+4	NW	2	bc	35	97	5	5	-	-	10	10	800	6	*	44	32	32	1	6	0.0
	S. Farnborough ... 226	417	29.81	+12	NW	3	bc	34	97	6	5	-	-	10	10	300	29.8	+2	WNW	3	bc	33	92	7	5	-	-	2.3	2.3	3000	1	*	45	32	2.9	0.2	2	0.0
	Boscombe Down ... 417	10	29.88	+12	NW	4	bc	36	92	6	5	-	-	10	10	900	29.9	+4	WN	3	bc	37	85	7	5	3	-	7.8	7.8	2500	1	*	47	35	31	5	2	*
	Calshot (Stamett) ... 10	346	29.86	0	W	1	bc	41	97	4	5	-	-	10	10	200	*	+10	W	3	bc	34	92	7	5	-	-	10	10	400	4	*	43	33	32	1	3	0.0
	Lympe ... 346	154	29.88	-2	W	1	bc	40	97	2	-	-	-	10	10	1500	29.6	+12	WS	4	bc	33	97	4	5	-	-	10	10	300	1	*	43	32	32	0.5	1	*
2	Shoeburyness ... 11	15	29.85	-6	W	1	bc	40	97	3	5	-	-	10	10	800	29.6	+6	WS	2	bc	33	92	4	5	-	-	10	10	800	6	*	48	33	32	0.1	5	0.0
	Felixstowe ... 15	5	29.86	-6	W	1	bc	39	97	3	-	-	-	10	10	1150	29.4	-6	W	1	bc	40	97	3	6	-	-	10	10	1150	1	2	44	36	35	Tr	1	2.4
	Gorleston ... 5	19	29.85	-2	WS	1	bc	40	97	3	5	-	-	10	10	450	29.4	+4	W	4	bc	34	97	4	5	-	-	10	10	450	1	*	45	34	33	Tr	1	0.9
	Mildenhall ... 19	240	29.86	-13	N	3	bc	36	97	4	5	-	-	10	10	400	29.8	-8	NW	2	bc	34	97	4	5	-	-	10	10	400	1	*	39	34	33	1	6	0.0
3	Birmingham ... 535	408	29.79	+2	NW	4	bc	33	97	3	-	2	*	10	10	200	29.8	-2	NW	2	bc	32	97	5	6	-	-	10	10	800	7	*	37	31	31	7	4	0.0
	Upper Heyford ... 408	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	29.8	+2	WNW	3	bc	32	97	6	5	2	-	9.4	10	500	4	*	42	32	31	5	6	*
4	Ross-on-Wye ... 223		*	*	*	*	*	*	*	*	*	*	*	*	*	*	29.8	-4	WS	2	bc	33	85	8	5	7	-	4.6	7.8	2500	1	*	39	33	29	5	3	0.0
5	Hartland Point ... 299	209	29.82	+2	NNW	4	bc	35	95	8	7	-	-	4.6	4.6	1500	29.1	-6	NNE	4	bc	38	65	8	8	-	-	9	9	1500	1	4	43	36	35	0.3	0.5	0.0
	Bristol ... 209	32	29.83	0	WNW	3	bc	34	92	5	8	-	-	9	9	2300	29.0	0	WN	3	bc	34	92	6	8	6	-	9	9	2600	4	*	32	30	*	5	*	0.0
	Portland Bill ... 32	82	29.86	+10	W	4	bc	35	92	7	5	-	-	4.6	4.6	4000	29.0	+2	W	4	bc	37	85	8	5	-	-	7.8	7.8	4000	1	4	46	34	*	-	-	*
	Plymouth ... 82	240	29.83	+2	NW	3	bc	38	62	7	5	-	-	Tr	Tr	2500	29.2	-2	NNW	3	bc	37	75	6	8	-	-	9	9	1500	1	3	47	35	28	0.2	Tr	0.1
	The Lizard ... 240	163	29.84	-2	NNW	3	bc	38	85	8	8	-	-	4.6	4.6	2500	29.4	-4	WNW	4	bc	40	75	8	8	6	-	4.4	4.6	2500	1	4	40	37	*	0.5	0.5	0.1
	Scilly (St. Mary's) ... 163	175	29.85	-6	WNW	2	bc	38	92	8	4	-	-	2.3	2.3	1500	29.4	+2	NW	2	bc	36	92	8	8	4	-	2.3	4.6	1500	1	3	45	35	*	0.1	6	0.2
	Guernsey ... 175	142	29.85	0	NW	5	bc	39	75	7	2	-	-	2.3	7.8	2500	29.1	0	NNW	4	bc	34	97	7	8	-	-	9	9	2500	4	3	41	32	*	1	2	0.4
6	Pembroke ... 142	26	29.84	+2	N	6	bc	37	92	7	6	2	-	4.6	10	1000	29.0	-2	N	6	bc	35	97	8	8	2	-	4.6	10	1800	1	5	38	34	32	3	3	0.0
7	Holyhead ... 26	16	29.87	-2	NNW	2	bc	34	92	4	5	2	-	7.8	10	700	29.3	-6	NW	3	bc	33	92	6	6	2	-	9	10	1400	1	*	37	33	32	5	3	0.0
8	Chester (Sealand) ... 16	70	29.82	-2	WNW	2	bc	33	97	5	5	-	-	10	10	900	29.7	-10	WNW	4	bc	32	97	4	5	-	-	10	10	800	4	*	39	32	30	Tr	2	0.0
	Manchester ... 70	29	29.81	0	ES	2	bc	39</																														

**LONDON OBSERVATIONS**  
Day 7h—18h, Kew & Croydon.  
9h—18h, Kensington.  
9h—21h, other stations except  
for rainfall which is 9h—18h.

Kew...	...	...	...	...	...
CROYDON	...	...	...	...	...
GREENWICH (Royal Observatory)...					
CITY (Bunhill Row)	...	...	...	...	...
WESTMINSTER (St. James' Park)	...	...	...	...	...
REGENTS PK. (Botanic Gardens)...					
CAMDEN SQUARE	...	...	...	...	...
KENSINGTON	...	...	...	...	...
HAMPSTEAD OBSERVATORY	...	...	...	...	...

FOREIGN OBSERVAT					
STATIONS.					
PARIS	...	...	...	...	...
BRUSSELS	...	...	...	...	...
BERLIN	...	...	...	...	...
ZÜRICH	...	...	...	...	...
ROME	...	...	...	...	...

Height above M S.L. in feet.	Weather		
	Morning.	Afternoon.	Night.
	24 hrs. ended 9h.		

18	bd	D	mid	g	oid	cm	cr	mc
217	cm	r	pr	cd	d	r	g	rm
149	cd	r	rm	r	cr	m	r	cr
—		*			*			
27		*			*		*	
168		*			*		*	
110		*			*		*	
80	cp			cf				*
450	od			os			os	

ONS.		18h. G.M.T.....	
		Barom. mb.	Wind. Direc. Force
...	...		
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Temperature.			Rainfall.	
Day Max.	Night Min.	Min. on Grass	Day.	Night.
°F.	°F.	°F.	mm.	mm.

45	33	32	1	7
44	32	32	1	6
45	32	32	2	8
45	34	29	7	7
44	33	31	Tr	7
44	34	32	7	
46	33	32	0.2	7
42	32	29	0.2	7

		7th. G.M.T.....	
Weather.	Temp. °F.	Barom. mb.	Wind Direc.

Sun- shine, to unset. hrs.	Humidity.		Visi- bility 9h.	Atmo- sphere Milligr. per cubic foot.
	15h. G.M.T. %	9h. G.M.T. %		
Yesterday.	To-day.			24 hrs. en- tire.

0	.	.	6	SOU	
0	.	.	5	Max.	T
0	91	91	5		
	89	92	.	KE	
	84	90	.	Max.	T
		94	.	1-1	13
	93	83	.		N
	.	99	.		

[illegible]

pheric Pollution.  
s of Solid Impurity  
cubic metre.

ed 7h. G.M.T..... 19th

KENSINGTON.		
Sec.	Min.	Time.
OBSERVATORY.		
Sec.	Min.	Time.
re	10.3	3-6
th		12th

Last 24 Hours.		
in. ht F.	Rainfall.	
	Day mm.	Night mm.

EXPLANATION OF FIGURE

COLUMNS 2, 16.

The barometric tendency is expressed in

**COLUMNS 4, 18.**

THE BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.

Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.	Beaufort No.	Statute m/h.
--------------	--------------	--------------	--------------	--------------	--------------

0	1	4	13-18	9	47-54
1	1-3	5	19-24	10	55-63
2	4-7	6	25-31	11	64-75
3	8-12	7	32-38	12	75
		8	39-46		

**COLUMNS 34, 35.**

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

**COLUMNS 8, 22**—Code for surface visibility.

Objects not visible at	
0 Dense fog	55 yards.
1 Thick fog	220 "
2 Fog	550 "
3 Moderate fog	1,100 "
4 Mist or haze	1½ miles.
5 Poor visibility	2½ "
6 Moderate "	6½ "
7 Good "	12½ "
8 Very good "	31 "
9 Perfect "	indefinite "

**COLUMN 30—Code for State of Sea.**

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

‡ 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.

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Thursday 20th February 1941.  
No. 28945

OBSERVATIONS at 13h. G.M.T. 19th February

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

PAST 24 HOURS.

Distance.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (6)	Temp. °F. (7)	° Hydrid. (8)	° Visibility. (9)	Cloud.			Barom. M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	°Temp. (20)	°Humid. (21)	°Visibility (22)	Cloud.			State of Ground. (28)	Sea. (30)	WEATHER.											
				Dirce. (3)	Force. (4)					Form. (10)	Amount. (11)	Height of Base. (feet) (14)			Form. (23)	Amount (24)					Height of Base (feet) (27)	7h.—13h. 19th				13h.—19h. 19th											
																						Low. (9)	Med. (10)			High (11)	Low 0-10 (12)	Total 0-10 (13)	Med. (23)	High (24)	Low 0-10 (25)	Total 0-10 (26)	High (27)	19th 1h.	19th 2h.	19th 3h.	19th 4h.
1	London (Kew)...	30.7-3	-4	WSW	4	20	40	65	8	-	-	3	3	2500	30.7-0	-2	W	4	20	37	75	6	5	4	10	1500	1	3	crs idom	crs fog	crs so	crs so					
	Croydon ...	30.8-0	-2	W	4	20	37	75	6	-	-	3	3	1800	30.7-0	-2	W	4	20	37	75	6	4	4	10	1500	1	3	crs idom	crs fog	crs so	crs so					
	S. Farnborough	30.8-0	-1	WSW	4	20	38	75	7	6	-	4-6	7-8	2000	30.7-3	+2	WSW	4	20	38	75	6	5	4	10	1500	1	3	crs idom	crs fog	crs so	crs so					
	Boscombe Down	30.8-7	-1	WSW	3	20	38	75	7	6	-	4-6	4-6	1800	30.8-5	+2	WSW	4	20	38	75	6	5	4	10	1500	1	3	crs idom	crs fog	crs so	crs so					
	Calshot (Soton.)	30.8-6	-4	WS	5	20	42	65	8	2	3	7-8	7-8	2500	30.8-0	-2	W	4	20	37	75	6	5	4	10	1500	1	3	crs idom	crs fog	crs so	crs so					
	Lympne ...	30.8-5	+2	WSN	3	20	39	65	8	2	6	4-6	4-6	2500	30.8-5	-2	W	4	20	37	75	6	5	4	10	1500	1	3	crs idom	crs fog	crs so	crs so					
	Manston ...	30.8-3	+2	WS	4	20	38	75	8	2	6	3	3	1800	30.8-0	-2	WSW	4	20	37	75	6	5	4	10	1500	1	3	crs idom	crs fog	crs so	crs so					
2	Shoeburyness ...	30.8-1	0	SW	2	20	38	75	6	5	-	10	10	1500	30.7-7	-2	WSW	4	20	37	75	6	5	4	10	1500	1	3	crs idom	crs fog	crs so	crs so					
	Felixstowe ...	30.8-4	+2	WSN	4	20	37	85	7	8	-	10	10	1400	30.8-3	-0	WSN	4	20	37	85	6	5	4	10	1500	1	3	crs idom	crs fog	crs so	crs so					
	Gorleston ...	30.8-0	+4	WS	5	20	36	85	6	5	-	10	10	600	30.8-1	-0	WSW	4	20	37	85	6	5	4	10	1500	1	3	crs idom	crs fog	crs so	crs so					
	Mildenhall ...	30.8-0	-2	WS	4	20	35	85	6	5	-	10	10	600	30.8-2	-0	WSW	4	20	37	85	6	5	4	10	1500	1	3	crs idom	crs fog	crs so	crs so					
	Cranwell ...	30.8-0	-6	NW	3	20	36	92	4	5	-	10	10	300	30.8-0	-4	NW	3	20	36	92	4	5	-	10	1500	1	3	crs idom	crs fog	crs so	crs so					
3	Birmingham	30.7-5	-4	WNW	3	20	33	97	6	6	-	10	10	450	30.7-6	-2	NW	3	20	33	97	6	6	-	10	1500	1	3	crs idom	crs fog	crs so	crs so					
	Upper Heyford	30.7-5	-6	WSW	4	20	35	85	8	7	-	9	10	1100	30.7-5	-0	W	4	20	35	85	7	5	2	10	1500	1	3	crs idom	crs fog	crs so	crs so					
4	Ross-on-Wye ...	30.8-6	-6	WN	4	20	37	65	8	6	1	2-3	10	2500	30.8-5	0	WN	4	20	37	65	7	5	1	10	1500	1	3	crs idom	crs fog	crs so	crs so					
5	Hartland Point	30.8-7	0	WSN	5	20	39	75	7	2	7	4-6	7-8	2000	30.8-5	+2	N	5	20	38	65	7	8	6	4-6	1500	1	4	crs idom	crs fog	crs so	crs so					
	Bristol ...	30.8-7	+10	W	4	20	40	85	8	3	6	4-6	7-8	4000	30.8-6	+8	WNW	4	20	38	85	6	5	2	7-8	10	900	1	4	crs idom	crs fog	crs so	crs so				
	Portland Bill ...	30.8-1	-6	WN	4	20	41	85	8	3	6	7-8	7-8	1200	30.8-0	+2	WN	4	20	38	85	6	5	2	4-6	4-6	2000	1	4	crs idom	crs fog	crs so	crs so				
	Plymouth ...	30.8-3	0	NW	3	20	40	65	8	8	6	4-6	4-6	2500	30.8-8	0	NW	4	20	38	65	6	8	6	4-6	4-6	2500	1	4	crs idom	crs fog	crs so	crs so				
	The Lizard ...	30.8-7	+2	NW	4	20	42	65	8	8	-	4-6	4-6	1500	30.8-1	+4	NW	4	20	38	65	8	8	-	4-6	4-6	1500	1	3	crs idom	crs fog	crs so	crs so				
	Goil (St. Mary's)	30.8-7	+2	NW	4	20	42	65	8	8	-	4-6	4-6	1500	30.8-1	+4	NW	4	20	38	65	8	8	-	4-6	4-6	1500	1	3	crs idom	crs fog	crs so	crs so				
	Guernsey ...	30.8-7	+2	NW	4	20	42	65	8	8	-	4-6	4-6	1500	30.8-1	+4	NW	4	20	38	65	8	8	-	4-6	4-6	1500	1	3	crs idom	crs fog	crs so	crs so				
6	Pembroke ...	30.7-4	+4	NW	5	20	38	75	7	8	6	7-8	9	2500	30.7-7	+4	NW	5	20	38	75	8	8	-	7-8	7-8	2500	1	3	crs idom	crs fog	crs so	crs so				
7	Holyhead ...	30.7-7	+2	NW	6	20	36	92	8	8	-	3	3	1500	30.7-7	+2	NW	6	20	37	85	8	9	-	10	10	1800	1	3	crs idom	crs fog	crs so	crs so				
	Chester (Sealand)	30.7-4	-6	NW	5	20	35	85	6	6	-	10	10	700	30.7-3	+2	NW	6	20	34	85	5	6	2	10	10	500	1	3	crs idom	crs fog	crs so	crs so				
8	Manchester ...	30.6-1	-4	NW	4	20	35	92	6	6	2	7-8	10	300	30.5-8	-2	NW	4	20	34	92	5	6	2	4-6	10	600	1	3	crs idom	crs fog	crs so	crs so				
10	Spurn Head ...	30.2-6	-2	WN	3	20	38	97	5	5	-	10	10	900	30.1-6	-4	WSN	2	10	37	97	5	5	-	10	10	800	0	2	crs idom	crs fog	crs so	crs so				
	Catterick ...	30.6-3	-2	NE	3	20	33	97	4	2	-	10	10	500	30.6-8	+12	NE	4	20	32	97	3	2	-	10	10	400	6	3	crs idom	crs fog	crs so	crs so				
	Tynemouth ...	30.8-3	-6	NNE	6	20	34	97	4	6	-	10	10	1000	30.8-0	0	NNE	5	20	33	97	5	6	-	10	10	500	7	3	crs idom	crs fog	crs so	crs so				
11	St. Abbe Head	30.1-2	-4	NNE	6	20	32	97	5	5	-	10	10	1500	30.1-0	-4	N	6	20	31	97	4	5	-	10	10	1000	7	4	crs idom	crs fog	crs so	crs so				
	Leuchars ...	30.3-5	-2	NW	1	20	32	97	3	2	-	10	10	500	30.2-2	-2	N	2	20	32	97	4	5	-	10	10	450	9	4	crs idom	crs fog	crs so	crs so				
12	Rentow (Abbots L.)	30.4-4	-4	NNE	3	20	35	75	8	1	1	1	1	3000	30.3-5	-2	N	3	20	32	92	5	6	2	10	10	2000	4	4	crs idom	crs fog	crs so	crs so				
	Eskdalemuir ...	30.0-1	-6	NNE	5	20	29	97	4	2	-	10	10	1500	30.0-0	+8	N	5	20	29	92	5	6	2	10	10	450	7	4	crs idom	crs fog	crs so	crs so				
	Point of Ayre ...	30.1-0	0	NNE	6	20	35	85	6	6	2	4-6	10	1500	30.1-0	+2	N	6	20	33	92	6	6	2	4-6	10	1500	1	5	crs idom	crs fog	crs so	crs so				
13	Three ...	30.5-2	-1	NE	2	20	38	65	8	2	-	4-6	4-6	2500	30.4-1	-2	N	3	20	37	65	8	2	-	2-3	2-3	2500	0	3	crs idom	crs fog	crs so	crs so				
13	Stornoway ...	30.6-8	+8	N	1	20	37	75	8	3	6	1	2-3	2500	30.5-7	-6	N	2	20	36	85	8	3	6	3	1	2-3	2500	1	2	crs idom	crs fog	crs so	crs so			
15	Dalwhinnie ...	30.4-2	-4	NW	1	20	29	92	6	3	-	10	10	800	30.3-8	-6	N	2	20	28	92	7	6	2	10	10	1500	8	4	crs idom	crs fog	crs so	crs so				
	Aberdeen ...	30.4-2	-8	NNE	1	20	32	97	4	2	-	10	10	800	30.3-1	-6	N	2	20	32	97	6	6	2	10	10	800	7	4	crs idom	crs fog	crs so	crs so				
	Wick ...	30.5-3	-2	NW	3	20	30	85	7	8	7	4-6	3	1500	30.3-9	-8	NW	3	20	28	85	8	7	6	4-6	3	2500	8	3	crs idom	crs fog	crs so	crs so				
16	Lerwick... ..	30.4-7	-10	W	2	20	37	65	8	5	-	4-6	4-6	1500	30.3-7	0	W	1	20	33	75	8	8	-	4-6	4-6	1500	4	4	crs idom	crs fog	crs so	crs so				
17	Blacksod Point...	30.7-3	-4	NW	3	20	33	85	8	3	-	3	3	1500	30.7-2	0	N	1	20	36	92	8	3	-	4-6	4-6	1500	4	3	crs idom	crs fog	crs so	crs so				
18	Malin Head ...	30.4-2	-4	N	4	20	33	65	8	2	-	4-6	4-6	5700	30.4-8	+2	N	1	20	36	85	8	3	-	7-8	7-8	1500	0	3	crs idom	crs fog	crs so	crs so				
	Aldergrove ...	30.4-1	-4	NW	3	20	37	65	9	1	-	4	4-6	4-6	2500	30.3-3	+2	NW	2	20	34	65	8	2	-	7-8	7-8	2500	1	4	crs idom	crs fog	crs so	crs so			
19	Birr Castle ...	30.6-1	-6	NW	1	20	33	75	8	3	-	7-8	7-8	2500	30.5-4	+2	NW	1	20	35	85	8	5	-	7-8	7-8	4000	1	3	crs idom	crs fog	crs so	crs so				
20	Valentia Obay. †	30.7-8	-4	NW	3	20	43	65	9	3	-	1	1	2500	30.7-1	-4	NW	4	20	35	85	9	7	-	7-8	7-8	2500	1	3	crs idom	crs fog	crs so	crs so				
	Roche Point ...	30.6-4	-4	N	4	20	42	65	9	1	-	2-3	2-3	4000	30.5-5	+2	NW																				

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.  
fg, low fog over sea (coast station).  
fs, low fog over land (inland station).  
h, mist, visibility 1100-2200 yds.  
m, hail. i, intermittent.  
jf, fog at a distance, but not at station.  
p, 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, alest. 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: —be/r, fair weather  
after rain; —, has decreased;  
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

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

COLUMN 29 — STATE OF GROUND.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

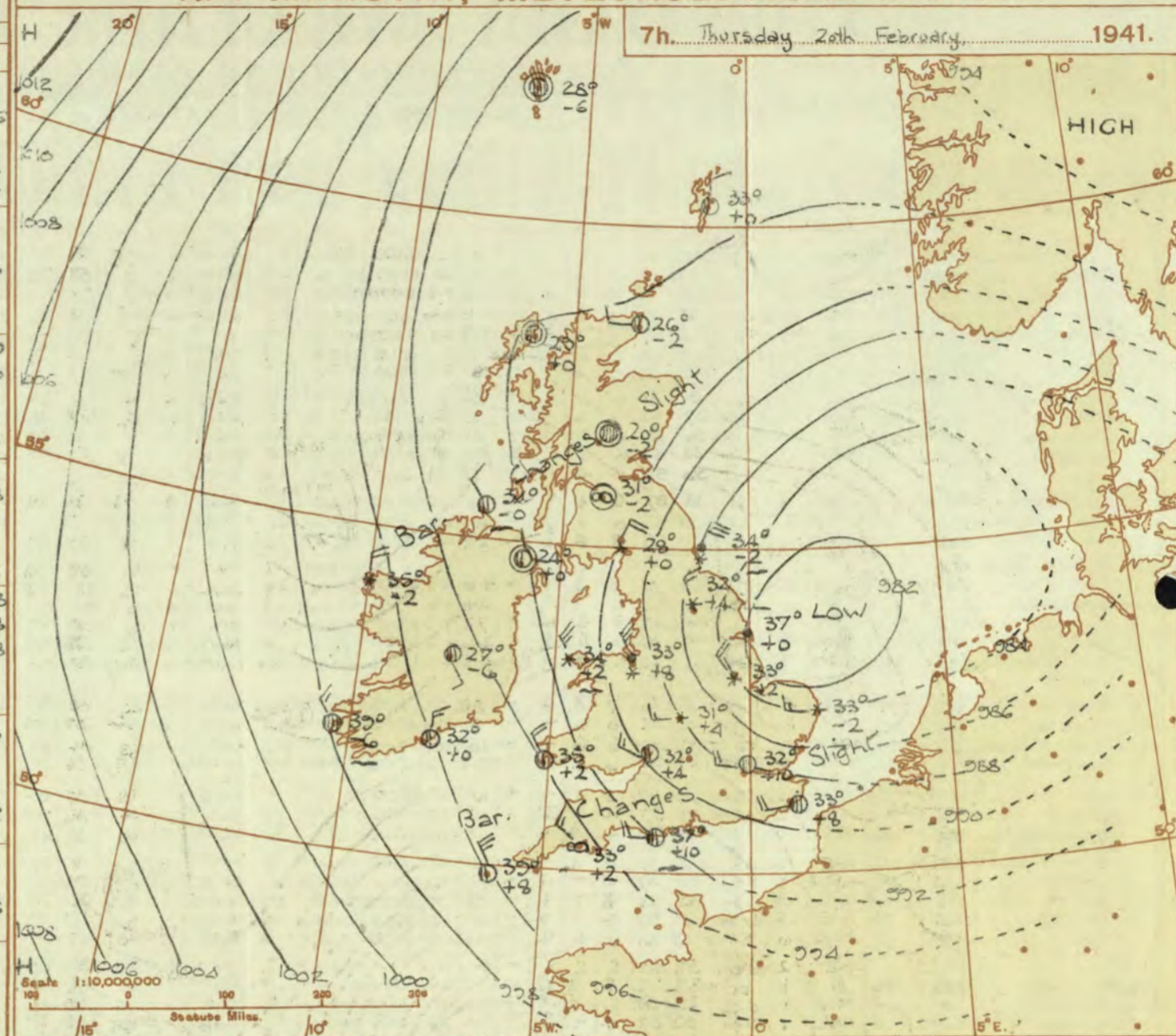
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 13th February				18h. G.M.T. 18th February				01h. G.M.T. 20th February				07h. G.M.T. 20th February			
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				21	01262	20115	01	00390	18112	21	012-1	00014			
115	87	83844	12225	27	02344	20226	52	83844	20285	52	83844	02285			
203				3-	02207	30277	8-	01244	24214						
206	20	02153	00087	21	02242	32126	51	02353	00023	01	02390	00028			
210				82	02344	31287	81	32747	00028	53	23855	20277			
220	83	01354	04304	80	01853	03203				20	01853	12203			
230	83	02362	32216	27	02352	02326	5-	02367	02217	07	17790	02114			
245	02	72438	04378	02	72438	04378	02	73328	02378	02	71538	32278			
260	02	74438	30578	--	74303	02373	--	77303	32273	02	71543	30278			
277	27	02132	01527	87	02753	32427	51	02753	01378	81	02853	01328			
279	04	74438	32578	02	72538	32578				--	74303	64643			
285	2	74338	04578	3-	74338	04578				2-	74438	02478			
288	--	74403	02473	--	77103	02373	--	74303	32473						
273	38	01362	28403							53	01863	14215			
301	62	68535	32478	62	72425	32578	02	72438	63578	5-	71543	63478			
321	6	68538	16378	6-	74418	30478	02	74428	28478	02	72428	26478			
299	8-	62538	08578	6-	64538	08568	6-	64538	32468	62	52634	32558			
292	02	68628	28378	02	77328	30478	02	68458	30378	5-	72528	22478			
310	--	46103	24343												
316	5-	02348	24378	62	77335	25278	5-	72438	28378	62	72435	28378			
333	8-	87648	32586	83	26746	30587	20	23643	30483	20	23743	65583			
334	--	74537	30378	--	72547	02278				--	72438	32378			
340	52	68627	28378	62	68627	28378	62	74647	59578	8-	23646	28478			
136	52	62526	22378	52	51537	21368	6-	72418	21378	6-	72418	24478			
336	53	02754	32315	53	02753	28417				26	01752	28413			
350										5-	72628	57478			
368	43	26756	27487												
379	5-	23748	26378	6-	72428	26378	5-	09548	28428	5-	02758	26428			
390	5-	05626	24578	52	72547	24468	62	68536	20378	52	05646	24578			
382	8-	83847	25427	62	68626	24478	5-	05668	26528	53	01864	26414			
438	8-	02763	24615							80	01753	55013			
430	86	01844	24415	56	10644	24314	50	05653	24473	03	00790	24501			
409	8-	10846	30426	8-	02256	30586	3-	85648	27488	2-	02835	28385			

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).

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 20th February 1941.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 20th February

1 S.E. England	Fresh westerly wind. Cloudy with occasional slight snow. Some bright intervals later. Cold with keen frost locally at night.
2 E. England ...	
3 E. Midlands ...	Fresh northwest wind. Dull with snow. Some bright intervals spreading from southwest later. Cold with keen frost locally at night.
4 W. Midlands ...	
5 S.W. England	Moderate or fresh northwest wind. Wintry showers and bright intervals. Cold with keen frost at night.
6 South Wales ...	
7 North Wales ...	Fresh northwest or north winds. Dull with fairly general snowfall, heavy locally. Cold with temperature near the freezing point by day and night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind north or northwest, mainly moderate. Local wintry showers bright intervals. Cold, with hard frost locally at night.
13 { A.W. Scotl'd. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	Moderate northerly winds. Cloudy with considerable falls of snow. Cold with hard frost locally.
16 Orkneys and Shetlands	As 12-13.
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 centred just off the Wash is almost stationary. It will be cold in all districts with hard frost locally at night. In East and North England, and in East and South Scotland there will be general falls of snow, heavy locally. Elsewhere there will be local wintry showers but some bright intervals.

FURTHER OUTLOOK.

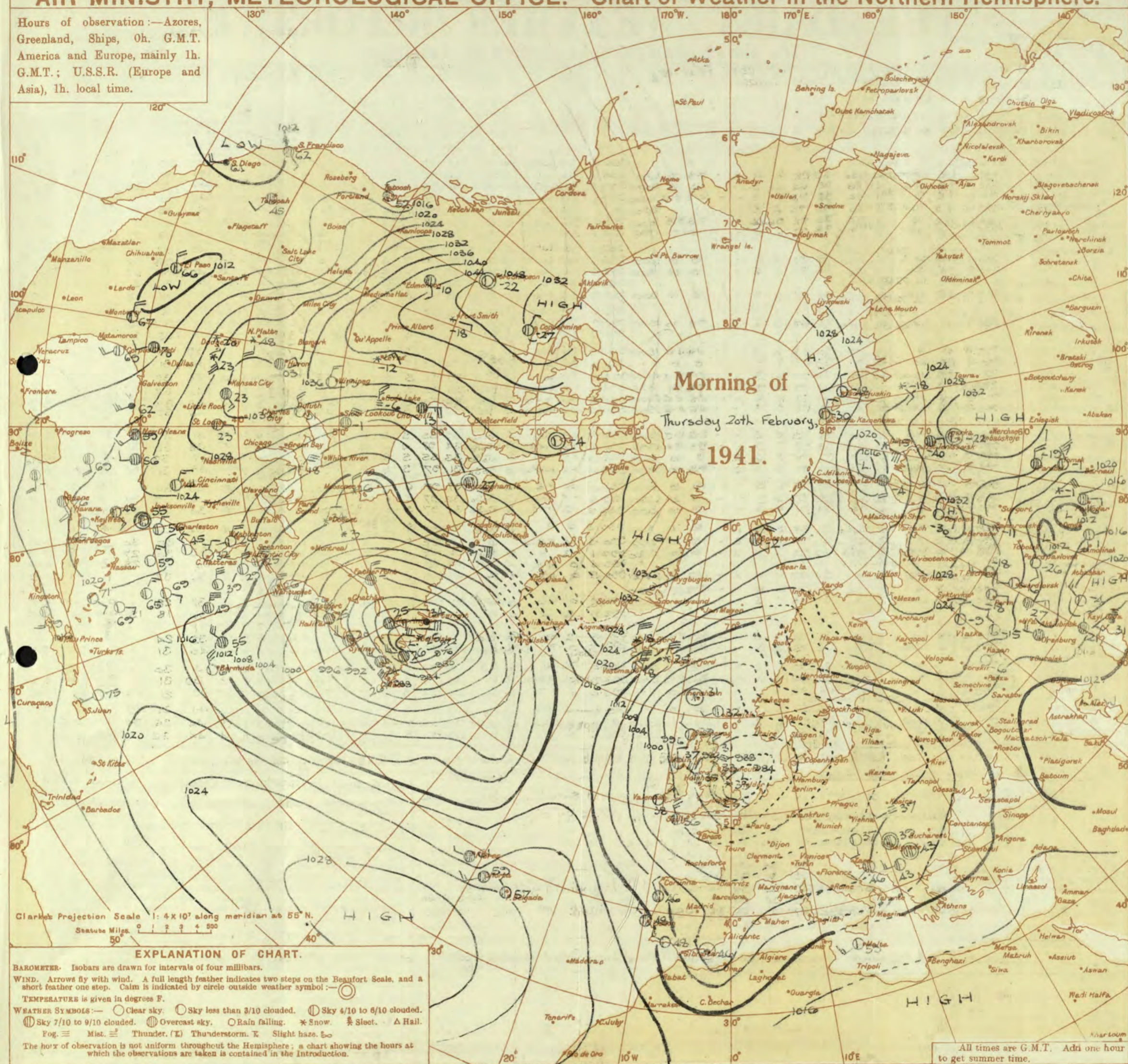
Cold wintry weather continuing for at least 2 or 3 more days.

Forecasts issued at 10.50 A.M.  
H.M.S.G. 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.

**SECRET**  
BRITISH SECTION  
Friday 21st February 1941.  
No. 28,946

OBSERVATIONS at 13h. G.M.T. 20th February														OBSERVATIONS at 18h. G.M.T. 20th February														PAST 24 HOURS.							
Distance.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.					
				Dir.	Force. 0-12					Low.	Med.	High.	Low 0-10	Total 0-10			Height of Base (feet)	Dir.					Force. 0-12	Low.	Med.	High.	Low 0-10			Total 0-10	Height of Base (feet)	7h.—13h. 20th.	13h.—18h. 20th.	18h.—24h. 21st.	1h.—7h. 21st.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(37)	(38)	(39)	(40)		
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Thames Island ... Lymington ... Manston ...	30.0-1 30.0-7 30.1-7 30.2-8 30.2-9 30.3-1 30.3-9	+10 +6 +6 +8 +2 +6 +12	W W W W W W W	4 4 4 5 5 5 5	bc bc bc bc bc bc bc	38 36 39 38 41 39 37	68 66 65 65 65 65 65	6 5 2 2 1 2 8	5 1 - - 3 - -	10 9 9 8 4 4 9	2500 1500 3000 2500 4000 2500 1800	30.2-5 30.2-2 30.2-9 30.3-4 30.3-1 30.3-1 30.3-5	+14 +16 +12 +6 +16 +10	W W W W W W W	3 3 2 4 3 4 4	c/p c/p c/p bc bc c/p c/p	34 33 35 35 32 32 34	85 82 85 83 85 83 85	6 5 8 8 7 7 7	5 7 8 8 9 9 8	- - - - - - -	- - - - - - -	2-8 2-3 4-6 4-6 4-6 4-6 7-8	30 20 8 10 10 10 10	2500 2000 2500 3000 4000 1000 2500	4 4 1 1 1 1 1	• • • • • • •	cbeccy cbeccy cbeccy bc bc c c	cpspsom cpspsom cpspsom bc bc cpspsom cpspsom	cm bcz bcm bcm b bcm pspsom pspsom	dbccm bcm bcm bcm bcm bcm bcm	dbccm bcm bcm bcm bcm bcm bcm		
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	30.0-1 30.0-7 30.0-3 30.0-4 30.0-2	+8 +14 +6 +14 +10	W W W W W	4 5 5 5 5	bc bc bc bc bc	38 36 34 33 32	68 75 75 75 75	7 5 6 5 5	7 - - - -	10 10 10 10 10	2500 1800 1400 800 800	30.1-9 30.1-7 30.1-1 30.1-0 30.1-0	+14 +16 +20 +18 +18	W W W W W	3 5 5 4 4	c/p c/p c/p c/p c/p	35 34 34 33 32	75 82 82 87 87	6 5 6 5 5	5 5 6 6 5	- - - - -	- - - - -	10 10 10 7-8 10	10 10 10 10 300	2500 800 600 800 300	1 1 1 4 7	• • • • •	cmbcc cmbcc cmbcc cmbcc cmbcc	cmbcc cmbcc cmbcc cmbcc cmbcc	cm bcz cm bcz cm bcz cm bcz cm bcz	cm bcz cm bcz cm bcz cm bcz cm bcz			
3	Birmingham ... Upper Heyford ... Ross-on-Wye ...	30.0-3 30.0-4 30.1-8	+6 +10 +4	WNW W W	5 5 4	bc bc bc	31 33 33	62 65 65	5 5 2	7 - -	10 9 7-8	800 900 4000	30.0-8 30.1-2 30.1-0	+4 +12 +4	WNW W W	3 4 3	c c b	32 33 35	85 85 75	7 8 3	5 4 5	7 8 1	2-8 10 10	7-8 10 2500	2500 1500 1500	4 7 1	• • •	cmbcc cmbcc cmbcc	cmbcc cmbcc cmbcc	cm bcz cm bcz cm bcz	cm bcz cm bcz cm bcz				
4	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	30.0-3 30.0-3 30.0-0 30.0-4 30.0-2 30.0-5 30.0-5	-4 +10 +4 +6 +4 -2	WNW W W WNW WNW W W	3 5 4 3 3 4 4	bc bc bc bc bc bc bc	39 38 40 41 43 44 44	65 65 75 65 65 65 65	9 7 7 8 8 8 8	2 2 2 2 2 2 2	1 - - - - - -	2-3 4-6 7-8 7-8 7-8 4-6 4-6	2000 2000 4000 2200 2500 1500	30.0-7 30.0-3 30.0-7 30.0-7 30.0-3 30.0-3 30.0-3	-4 -0 -2 -6 -10 -10 -10	WNW W W WNW WNW WNW WNW	3 2 4 3 6 6 6	c bc bc c/p c/p c/p c/p	35 34 33 35 35 40 42	87 75 82 87 87 85 85	8 8 7 8 8 7 8	6 2 6 6 7 2 2	- - - - - - -	- - - - - - -	3-1 4-6 10 10 10 10 10	1000 2500 2500 600 2200 1500	1 1 1 1 1 2	• • • • • • •	cbeccy cbeccy cbeccy cbeccy cbeccy cbeccy cbeccy	cbeccy cbeccy cbeccy cbeccy cbeccy cbeccy cbeccy	cm bcz cm bcz cm bcz cm bcz cm bcz cm bcz cm bcz	cm bcz cm bcz cm bcz cm bcz cm bcz cm bcz cm bcz			
5	Pembroke ... Holyhead ... Chester (Sealand) ... Manchester ...	30.4-2 30.2-5 30.0-3 30.0-6	0 +2 +6 +12	WNW WNW WNW WNW	3 4 4 4	bc bc bc bc	40 37 34 33	75 85 85 85	9 8 6 6	- - - -	10 10 10 10	3000 2500 800 1200	30.3-5 30.2-6 30.1-4 30.0-8	-2 +6 -2 +8	WNW WNW WNW WNW	2 4 2 3	c c c c	33 37 35 32	85 85 85 87	8 8 6 5	9 8 6 2	2 2 2 2	4-6 7-8 4-6 10	7-8 8 10 10	1000 2200 1200 1100	1 1 4 4	• • • •	bccbey mqbce mqbce cmibc	bccbey bqvce qfe mqbce	bcl bcm bcm bcm	b cm bcm bcm				
6	Spurn Head ... Catterick ... Tynemouth ...	30.3-8 30.7-8 30.7-4	+10 +6 +4	WNW WNW NNE	4 4 4	bc bc bc	36 32 34	87 87 87	7 4 6	2 - -	10 10 10	1500 400 800	30.5-5 30.8-2 30.7-7	+2 +4 +4	WNW WNW N	6 4 5	rs ss ss	34 31 33	87 87 87	6 4 5	5 - -	2 - -	7-8 10 10	1500 600 800	0 3 5	• • •	prsin ssm ssm	ssm ssm ssm	ssm ssm ssm	ssm ssm ssm					
7	St. Abbs Head ... Leuchars ... Renfrew (Abbots L.) ... Eskdalemuir ... Point of Ayre ...	30.0-9 30.0-7 30.2-2 30.0-2 30.1-5	+2 -2 -4 -6 0	N WNW WNW N W	5 1 1 3 4	bc bc bc bc bc	32 34 37 30 37	75 75 65 85 85	1 5 7 6 8	5 2 - - 2	10 10 10 10 10	400 1200 400 400 2500	30.0-2 30.0-8 30.2-4 30.0-5 30.1-4	+4 +4 +6 +6 0	N WNW N N NE	5 3 0 4 3	ss ss ss ss ss	32 33 33 30 37	87 85 85 75 87	5 6 7 6 8	5 - - - 2	- - - - -	10 10 10 10 10	400 1200 400 800 2500	3 3 1 7 0	• • • • •	cmbcc cmbcc cmbcc cmbcc cmbcc	cmbcc cmbcc cmbcc cmbcc cmbcc	cm bcz cm bcz cm bcz cm bcz cm bcz	cm bcz cm bcz cm bcz cm bcz cm bcz					
8	Tiree ... Stornoway ... Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	30.1-5 30.2-7 30.2-3 30.2-7 30.2-3 30.3-2	0 +4 -2 -4 +2 -2	SE/E E - NW WNW ENE	1 1 - 3 3 4	bc bc bc bc bc bc	38 37 33 33 32 36	75 75 75 82 85 70	8 5 7 4 5 8	2 - - 7 7 7	- - - - - -	4-6 2-3 2-3 10 4-6 4-6	2300 2500 2500 1500 1500 1500	30.3-5 30.3-3 30.2-0 30.0-8 30.1-4 30.3-1	+2 +6 +2 +2 +4 +4	WNW N NW NW N NE	6 2 2 4 4 4	rs c c c c c	34 32 33 33 30 37	87 85 85 85 75 65	6 5 6 5 5 8	5 - - - - -	7-8 10 10 10 10 7-8	1500 2500 800 1500 800 1500	0 1 8 7 6 4	• • • • • •	prsin ssm ssm ssm ssm ssm	ssm ssm ssm ssm ssm ssm	ssm ssm ssm ssm ssm ssm	ssm ssm ssm ssm ssm ssm					
9	Blackod Point ... Malin Head ... Aldergrove ...	30.5-3 30.1-5 30.1-5	+10 -4 -4	NW WNW W	2 1 1	c/p c c	36 38 38	85 75 75	7 8 8	3 4 4	- - -	800 5700 5700	30.5-5 30.1-3 30.2-3	0 +6 +6	W W W	3 2 0	c/p bc bc	35 34 34	85 75 75	8 8 8	3 2 4	5 - -	4-6 2-8 4-6	7-8 4-6 7-8	7200 4000 2000	1 * 1	• • •	pbc c c	pbc bc c	bc bc c	phbc bc c				
10	Birr Castle ... Valentia Obsy. † Roches Point ...	30.4-6 30.6-4 30.5-0	-6 -10 -6	WNW WNW WNW	1 1 4	c c c	36 39 40	75 82 85	8 8 8	7 2 1	- - -	2500 1500 1500	30.4-6 30.7-2 30.4-8	+4 +14 +6	WNW NNE WNW	2 2 4	c c c	34 36 37	85 85 82	8 8 7	3 3 2	- - -	4-6 4-6 7-8	2500 2500 1500	1 + 1	• • •	c c c	c c c	c c c	cm cm cm					

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.		COLUMNS 9, 23.—FORM OF LOW CLOUD.		COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.		COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.			
b, blue sky (not more than a quarter covered with cloud). bc, sky partly cloudy (one half covered). c, generally cloudy. d, drizzle. e, wet air. g, gloom. f, fog, visibility 220-1100 yds. F, thick fog „ less than 220 yds. 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. ks, storm of drifting snow. k/s, slight storm of drifting snow (generally low). k/S, heavy storm of drifting snow (generally low). s <sub>o</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 existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.		0 No low clouds. 1 Fair weather Cu. 2 Large Cu without anvil. 3 Cb. 4 Sc formed by the spreading out of Cu. 5 Layer of St or Sc. 6 Ragged low clouds of bad weather (or fractonimbus). 7 Fair weather Cu and Sc. 8 Large-Cu (or Cb) and Sc. 9 Large-Cu (or Cb) and ragged low clouds of bad weather.  COLUMNS 12, 13, 26, 27. Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings. § Sea disturbance reported from Dungeness.		0 No medium clouds. 1 Typical As (thin). 2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns). 3 Single layer of Ac or high Sc. 4 Ac in isolated patches. Individually decreasing (often lenticular). 5 Ac in bands (increasing). 6 Ac formed from the spreading out of Cu. 7 Ac associated with As or As with parts resembling Ac. 8 Ac Castellatus (or Ac in ragged fragments). 9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.  Cloud form abbreviations:— Circus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Altopcumulus,—Ac: Altostratus,—As: Stratocumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb.  COLUMN 29 —STATE OF GROUND. 0 .. Ground dry. 1 .. " wet. 2 .. " flooded. 3 .. " frozen hard and dry. 4 .. " partly covered with snow or hail. 5 .. " covered with ice or glazed frost. 6 .. " covered with thawing snow.		0 No cirriform cloud. 1 Fine Ci not increasing: sparse. 2 Fine Ci not increasing: abundant but not a continuous layer. 3 Anvil Ci (usually dense). 4 Fine Ci increasing: usually in tufts. 5 Ci or Cs increasing: still below 45° altitude: often in polar bands. 6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands. 7 Veil of Cs covering whole sky. 8 Cs not increasing and not covering whole sky. 9 Cc predominating, and a little cirrus. (Cc may occur with any of the types 1 to 8).	

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

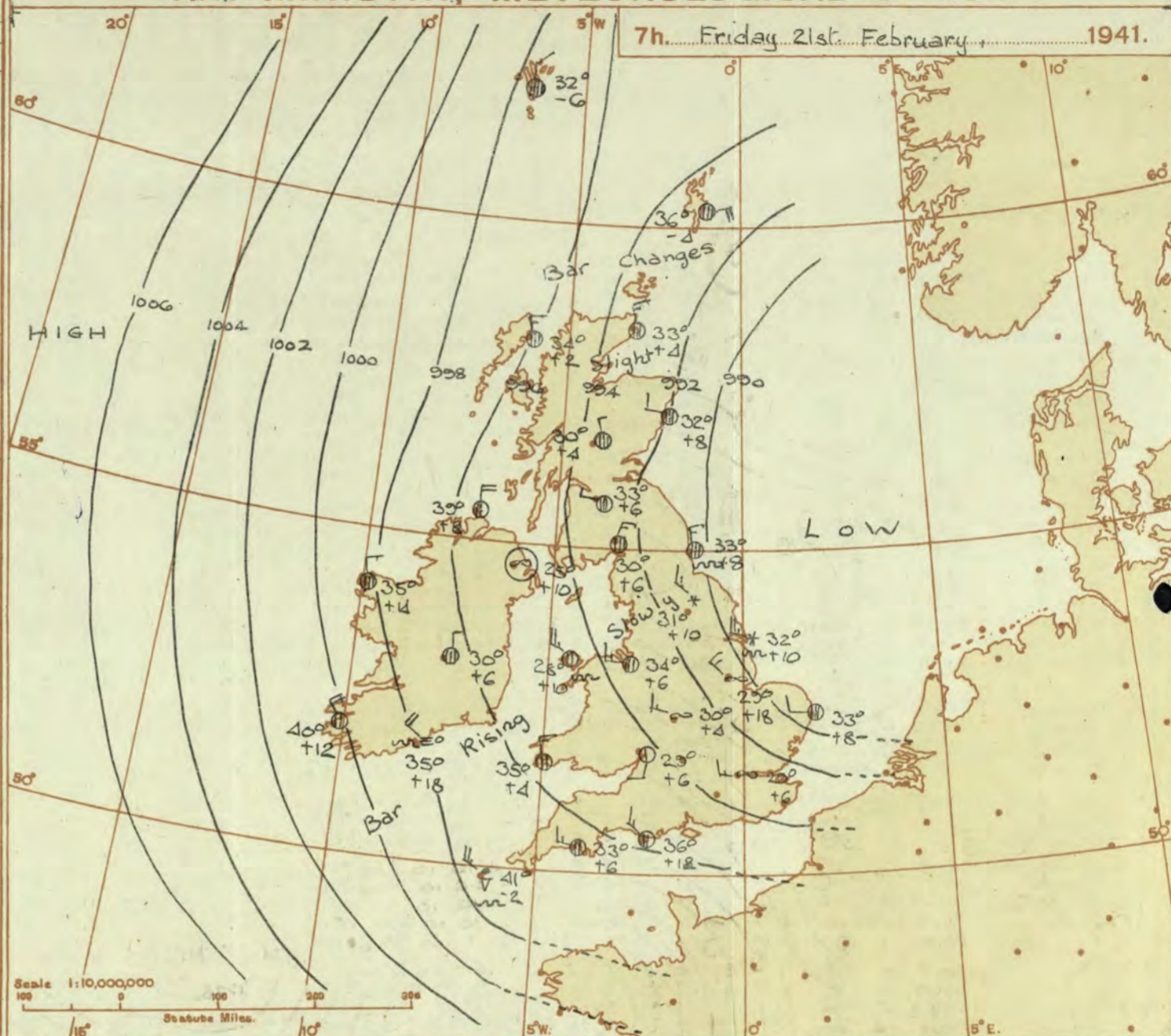
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 20th February				18h. G.M.T.				01h. G.M.T. 21st February				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	57	02950	32326	87	81755	04488	8-	02757	04387	57	02865	30288			
115	75	02953	32385					52	83834	08387	52	02844	32387		
203	8-	02944	08244					5-	03858	04328	5-	03038	04278		
206	40	02953	32126	40	02854	32128	5-	72648	00088	57	02846	32278			
210	81	06466	22188	9-	83638	32388	6-	58638	32388	52	68636	32288			
220										20	01753	00003			
230	20	01851	00014	54	02961	04115	50	00862	02213	04	01850	08215			
245	57	02853	30478	57	23773	31478	51	23664	01477	51	02755	32278			
200	02	23748	00028	02	72648	30178	02	71448	28178	02	72438	28378			
277	27	02842	30227	85	02841	32128	00	00850	25200	27	02841	31308			
279	--	72403	30379	5-	03658	28378	--	05653	28213						
285	-2	74488	32578	-2	74338	30678				-2	71638	32578			
288				--	72405	28470				51	23548	26278			
273										00	00850	24200			
301	52	72505	30478	52	05543	30478				53	05563	28314			
321	G	74528	28478	02	72428	26578	02	74428	24478	07	08520	25475			
299	82	83646	30488	8-	76448	31578	5-	65648	28428	57	23544	25375			
202	02	74428	28478	02	74428	28478	--	71509	27479	02	71468	26278			
310	--	77209	24540							--	46328	24478			
316	52	77836	28378	02	72448	26278	02	77348	27378	53	05565	26276			
333	2-	10744	28376	44	61053	28114				30	01754	26214			
334	--	83644	28416							--	02838	30376			
340				5-	02857	28177				80	05663	26213			
136	02	74428	24478	52	71527	58578	02	74428	24578	02	72628	28478			
336	26	26758	28484	26	01753	28314				10	01753	32413			
350	5-	12738	59428							57	05653	24315			
368	10	01954	28414												
379	9-	81588	26588	50	02753	26326	50	05651	26201	50	05653	26203			
390	7-	02745	57678	57	02744	57578	00	05590	22310	5-	71548	24428			
382	8-	23846	27026	86	02853	26385	00	05650	25200	07	01730	26314			
438	70	01755	24615							50	01754	32214			
430	13	01854	22414	80	02754	26384	00	05650	00000	50	02744	26314			
409	20	02964	25326	82	02834	26178	5-	72548	32378	3-	02855	30285			

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. Friday 21st February 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 21st February

1 S.E. England	Light or moderate westerly winds; fair, rather cold during the day; keen frost locally at night.
2 E. England ...	Light or moderate northwest wind; cloudy with local snow at first, some bright intervals later, cold with keen frost locally at night.
3 E. Midlands ...	Light or moderate northwest wind; mainly fair with considerable bright intervals, but some local wintry showers especially near west coasts; rather cold during the day; keen frost locally at night.
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
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.	Light or moderate northerly wind; fair apart from scattered wintry showers; cold, with keen frost locally at night.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	Light or moderate northerly wind becoming variable later; fair apart from scattered wintry showers; rather cold by day, keen frost locally at night.
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 centred over the North Sea is almost stationary and is filling up. In East and Northeast England it will be cloudy with some snow, but elsewhere it will be fair apart from local wintry showers, with some bright intervals. It will be cold generally with keen frost locally at night.

FURTHER OUTLOOK.

Rain or snow probably spreading eastwards across the southern half of the British Isles.

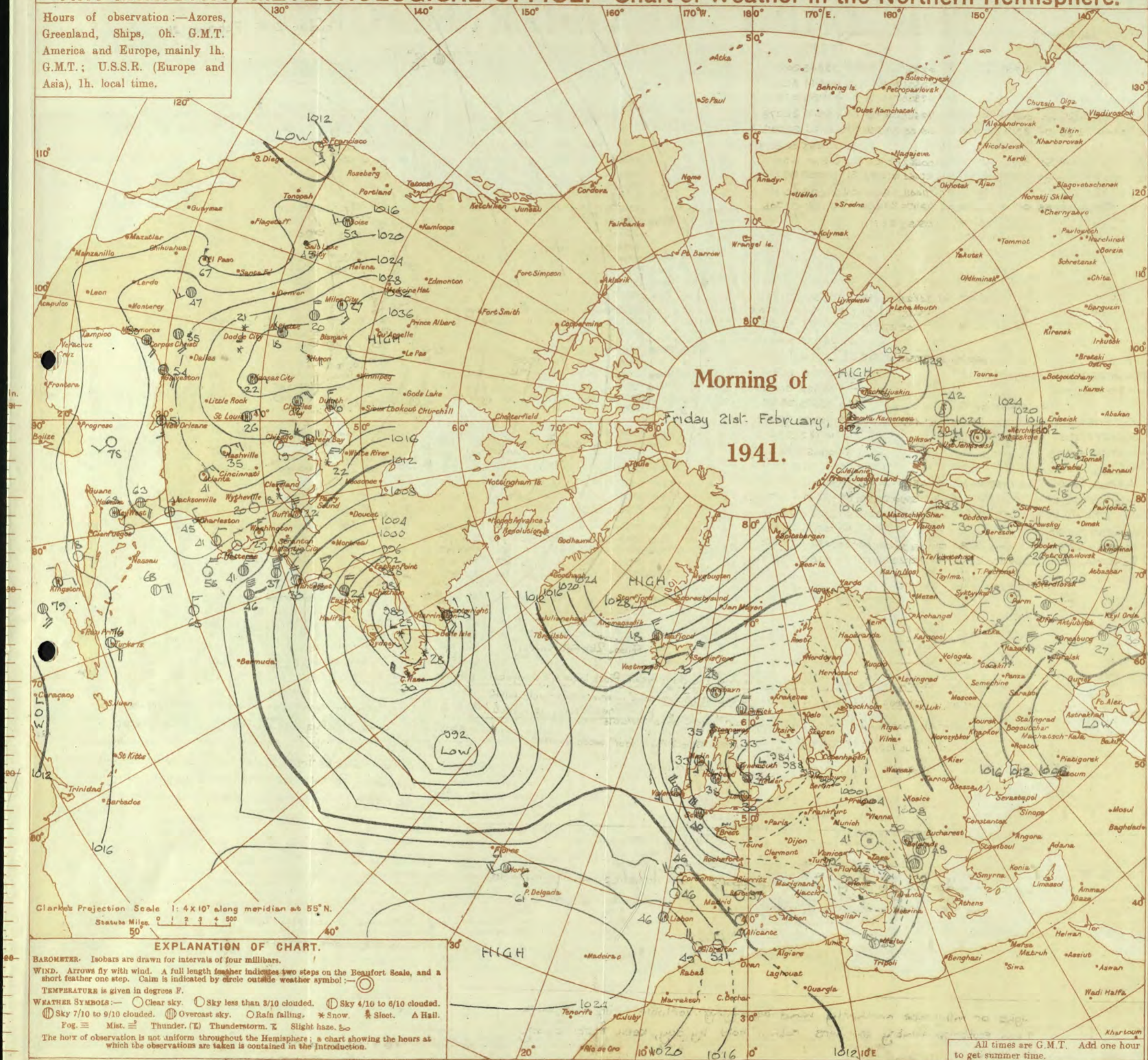
Forecasts issued at 10.30 a.m.

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, 0h. G.M.T. America and Europe, mainly 1h. G.M.T.; U.S.S.R. (Europe and Asia), 1h. local time.



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday, 21st February, 1941.

No. 23,946

OBSERVATIONS at 1 hr. G.M.T. 21st February			
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## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Saturday 22nd February 1941

No. 28,947.

[illegible]

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

h, 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 200-1100 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.  
p, 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<sub>o</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;  
auxiliary 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 fractonim-  
bus).
- 7 Fair weather Cu and Sc.
- 8 Large-Cu (or Cb) and Sc.
- 9 Large-Cu (or Cb) and ragged low clouds of  
bad weather.

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

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† Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

0 No medium clouds.

1 Typical As (thin).

2 Typical As (thick) (sun or moon invisible), or  
Nimbostratus (Na).

3 Single layer of Ac or high Sc.

4 Ac in isolated patches. Individually de-  
creasing (often lenticular).

5 Ac in bands (increasing).

6 Ac formed from the spreading out of Cu.

7 Ac associated with As or As with parts  
resembling Ac.

8 Ac Castellatus (or Ac in ragged fragments).

9 Ac in several layers generally associated with  
fibrous veils and a chaotic appearance  
of the sky.

Cloud form abbreviations:—

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

COLUMN 29 —STATE OF GROUND.

0 ..	Ground dry.	7 ..	Ground covered with snow, less than 6 ins., deep but
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.

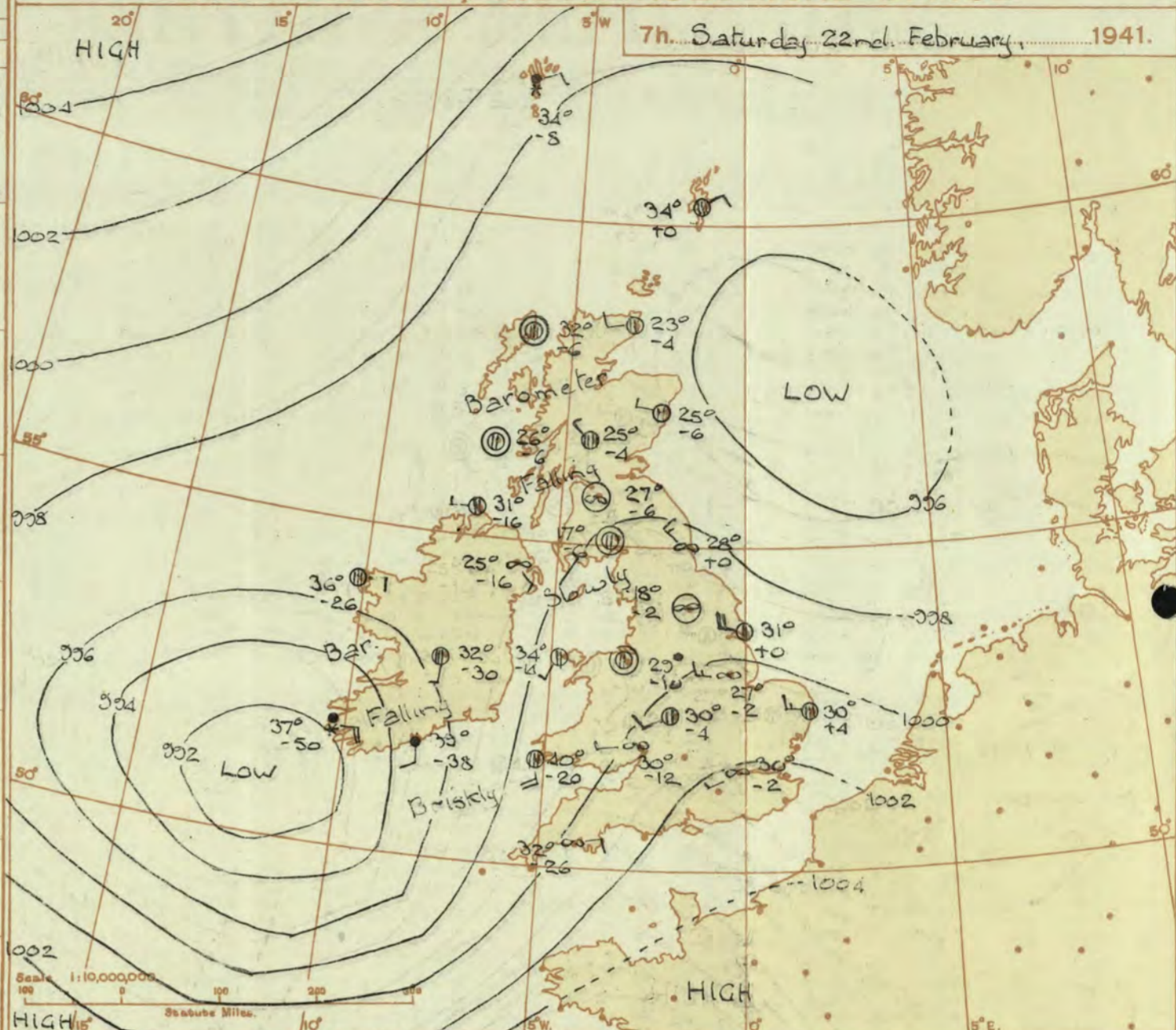
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T.	18h. G.M.T.	01h. G.M.T.	07h. G.M.T.
III. C. M. W. V. N. D. D. F. W. N.	III. C. M. W. V. N. D. D. F. W. N.	III. C. M. W. V. N. D. D. F. W. N.	III. C. M. W. V. N. D. D. F. W. N.
10881 0275+02127	27 02861 32186	5- 01861 00011	87 45484 00015
11551 0234+ 32287	52 81844 32287	51 01844 16185	53 02844 20226
203	84 02944 28327	8- 81944 24224	8- 21937 14487
20657 02553 00178	57 02864 28228	57 68755 00078	57 02854 24275
2162 6163+26278	62 68636 26288	5- 24845 24175	5- 24844 00075
22023 01668 01204	23 01763 04104		23 01853 10204
23073 02954 00017	77 02752 28227	8- 01855 00015	85 00731 32213
24577 02853 31326	87 10854 28227	50 01653 28173	5- 02757 22117
26051 02754 28298	57 01763 00014	5- 08563 00003	50 05664 00014
27714 02963 30427	20 10952 26126	80 01854 24384	84 04851 00082
27957 05654 28270	57 05663 28183	00 05690 26200	-- 48259 32109
2850- 02835 32475	9- 71537 32577		50 01744 32414
28850 23653 26276	00 05690 23212	00 05690 22200	00 00890 20202
27313 10762 27114		20 01862 25202	10 04321 32101
3010 05654 28325	5- 05655 28325	50 05664 28214	3- 05655 22116
32103 05650 28314	58 05664 26325	00 04490 26100	00 13390 00040
29650 05654 25474	80 05653 25313	50 05651 25301	50 05651 25201
29904 01890 22374	04 00790 24412	00 05590 27100	00 05590 00000
310- 03528 21428			
3153 05562 26315	53 08454 26215	00 45390 26140	50 08463 24143
3380 10855 01485	36 23845 28485	20 01754 26184	5- 02863 00015
334- 02746 3031-	-- 03639 30489		
34050 02855 25236	43 02844 24315	50 00763 2028384	01851 14204
13657 23563 24376	06 05690 24217	00 08490 24200	00 47190 24140
33026 02753 04415	62 02754 32415		62 23544 04378
35011 05650 25635			
368			
37920 26754 24384	1- 26754 26284	50 05652 2420250	05651 24204
39050 01754 26415	8- 71757 28487	5- 05656 22316	00 08490 20200
38213 01864 28414	46 00863 25313	50 05651 26301	50 05661 25104
4380 01764 24414			50 01763 26113
43020 01754 27314	40 05564 26214	50 05561 20211	00 05690 30103
4003- 01854 28474	20 01944 28384	5- 01753 15203	61 51743 14328

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. Saturday 22nd February, 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 22nd February.

1 S.E. England	Wind south backing east and finally north, moderate or fresh, falling light and variable; a period of rain, sleet or snow, fair again later, rather cold.
2 E. England ...	
3 E. Midlands ...	Wind south backing through east to north, moderate or fresh becoming variable light; perhaps sleet or snow in extreme south of districts; mainly fair later but local wintry showers; rather cold.
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Wind south becoming north strong locally, finally west; moderate; some rain, sleet or snow, then fair apart from local showers; rather cold.
7 North Wales ...	As 2-4.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Light variable wind; mainly fair but local showers of snow, sleet or hail, chiefly near coasts; cold, frost at night.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl'd. B.N.W. Scotl'd.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	Wind northeast to variable finally west or southwest, mainly moderate or light; rain, sleet or snow, then fair apart from local showers; rather cold.
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 just off Southwest Ireland is deepening and moving eastwards. Rain will spread eastwards across southern England, with some sleet or snow further inland. In other districts it will be fair apart from local wintry showers. It will remain rather cold in most districts, but in the extreme south it will be rather milder than of late.

FURTHER OUTLOOK.

Unsettled; less cold than of late.

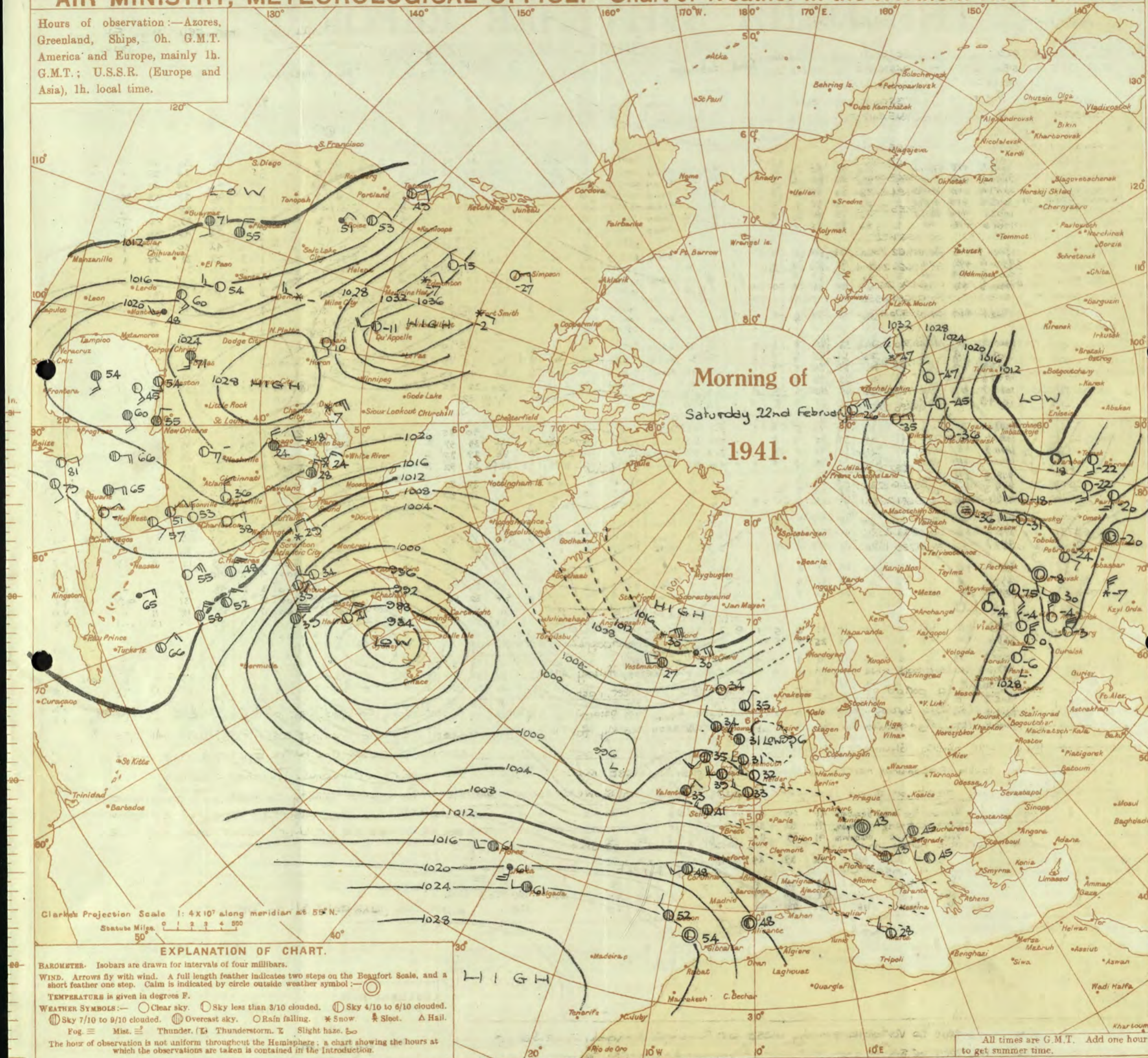
Forecasts issued at 10.30. G.M.T.

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  
 Saturday 22nd February 1941.  
 No. 28997

OBSERVATIONS at 1 hr. G.M.T. 22nd February														OBSERVATIONS at 7 hr. G.M.T
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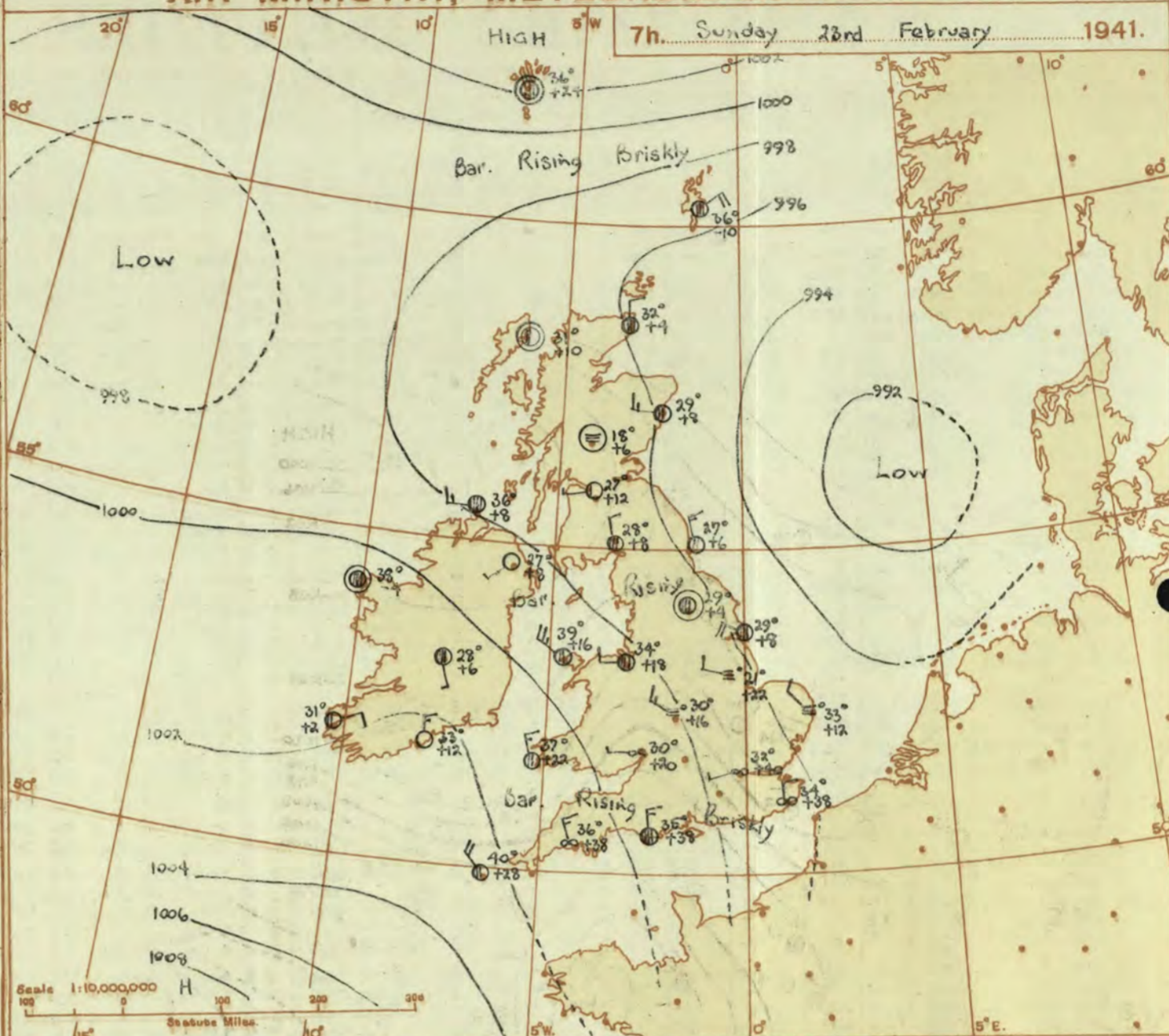


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 22nd Feb.				18h. G.M.T.				01h. G.M.T. 23rd Feb.				07h. G.M.T.			
III	C	wwVhN <sub>h</sub>	DDFWN	C	C	wwVhN <sub>h</sub>	DDFWN	C	C	wwVhN <sub>h</sub>	DDFWN	C	C	wwVhN <sub>h</sub>	DDFWN
109	24	01852	10114					9-	83745	26285	3-	10744	12124		
115	57	02844	12227	53		02844	12227	52		02844	12125	52		02844	16126
203	23	01862	00004	84		10935	16228	3-		01954	16114	5-		01954	04214
206	57	02863	008126	53		02863	00028	80		00753	00023	8-		02858	00028
210	23	02862	20185	57		01763	00014	02		72638	17378	6-		78538	20378
220												83		01745	11205
230	83	01043	00014	83		10944	00014	8-		85748	00088	83		26853	00086
245	73	02763	24126	54		17862	30127	5-		01764	26224	57		02764	26225
260	73	05664	00014	5-		05678	00028	--		77309	00079	--		46209	00049
277	8-	01084	12824	24		09953	14213	50		41553	32143	84		25843	25383
279	6-	05555	00015	09		05690	06213	--		45390	24240	5-		05566	20126
285	70	01853	28303	70		01854	32414								
288	00	00700	07920	02		17690	18115	03		08490	18101	57		05665	18748
273	13	04433	07104									10		04752	15202
301	83	41554	16146	07		05590	08228	00		05590	00010	80		05556	30185
321	27	08454	16147	57		05554	10127	00		43390	30243	07		43390	28143
299	50	00651	22201	5-		05555	16115	50		05552	28302	5-		05556	28216
292	8-	17466	00046	5-		47365	00045	00		08490	28240	03		05690	00004
310	--	01663	24213												
316	57	05562	16247	57		08463	12125	53		08474	05347	04		08490	27214
333	81	22856	08468	42		02751	02328	01		05690	04214	20		26753	30285
334	--	03658	32219				03648	32218							
340	57	05655	12116	01		05590	08328	52		24455	32178	5-		05646	28316
136	53	05600	18245	00		05690	10213	5-		05678	02118				
336	53	03784	04328	--		77309	14379								
350	20	02754	16427												
368	62	62643	16168												
379	57	02754	15328	--		77309	08379	6-		72438	06378	5-		08425	28326
390	50	41654	16245	07		05690	10317	07		05590	02226	03		08490	28226
382	57	02862	4328	62		68634	09378	5-		24668	02378	53		08464	30327
4385	-	02757	24517									5-		02757	32417
490	51	02754	16428	52		62536	10468	5-		05637	04568	53		05564	28114
409	63	62735	47667	52		02736	21467	5-		02748	01428	8-		02845	22385

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).

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 is lowest over Central Europe and the North Sea, and a feeble ridge of relatively high pressure is moving S.E. over the British Isles. Mainly fair, quiet, cold weather, with hard night frost, will prevail, but with a few local snow showers near the western & northern coasts. A new depression is expected to develop northward of the Azores & bring more cloud and some precipitation to the Southwest tomorrow.

FURTHER OUTLOOK.

Continuing cold in most districts; mainly fair in the northern half of the country.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 23rd Feb., 1941.

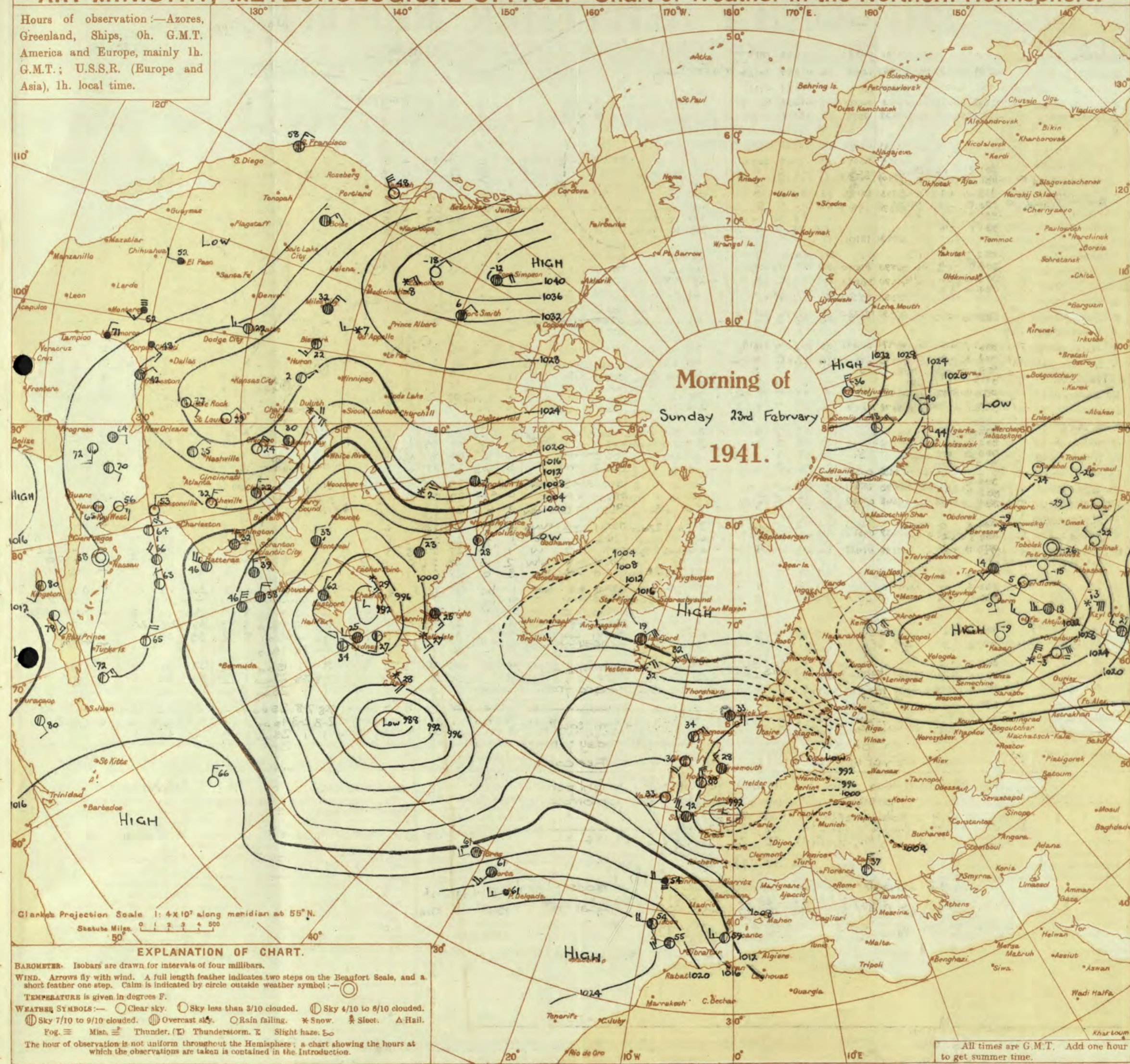
DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 23rd Feb., 1941.
1 S.E. England	Moderate to light N.W. winds backing west later; mainly fine; local mist or fog in morning; rather cold by day; hard frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Light N.W. to variable winds, freshening from southwest tomorrow; bright periods; local wintry showers today; more cloud tomorrow with rain or sleet possible by end of period; rather cold.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Moderate N.W. winds falling light, variable; bright periods, local snow showers, possibly with thunder today; fair tomorrow; morning mist or fog; cold, hard frost at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl'd. B.N.W. Scot- land.	Light variable winds; considerable bright periods; local wintry showers near the west and north coasts; local fog or mist in the morning; cold; hard frost at night.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	As 5-6.
20 S. W. Ireland	

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, 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 23rd February 1941.

No. 28948

OBSERVATIONS at 1 hr. G.M.T. 23rd February														OBSERVATIONS at 7 hr. G.M.T. 23rd February														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.			Barom. at M.S.L. (29)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	TEMPERATURE.			RAINFALL.</					

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

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

PAST 24 HOURS

[illegible]

### EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).  
bo, 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.  
ks, storm of drifting snow.  
k/s, slight storm of drifting snow (generally low).  
k/S, heavy storm of drifting snow (generally low).  
s<sub>o</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: —be/r, fair weather  
after rain; —, has decreased;  
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

COLUMN 29 —STATE OF GROUND.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

**CLOUD.**

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

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

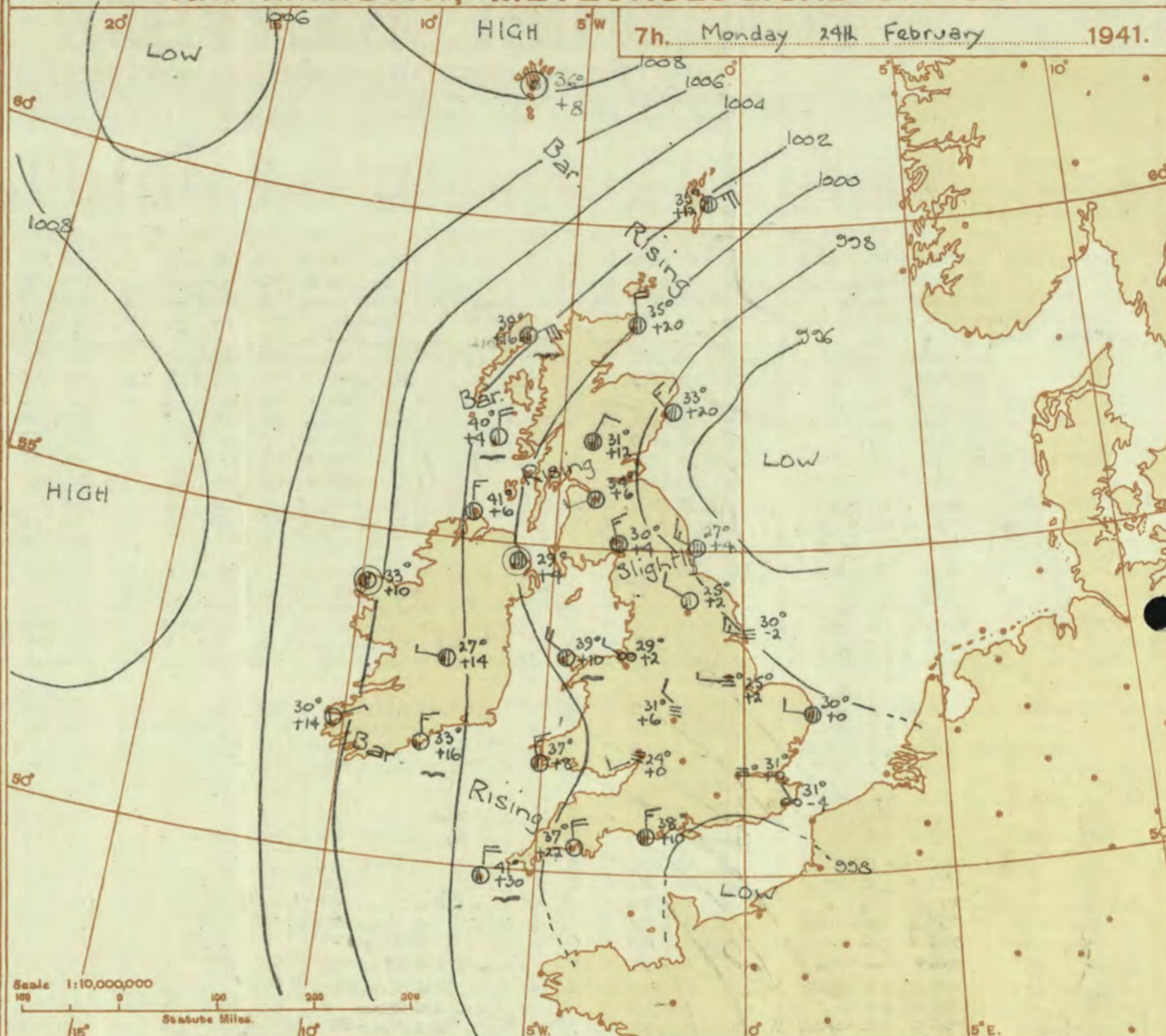
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 23rd Feb. 18h. G.M.T.				01h. G.M.T. 24th Feb. 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>
109	8-01754	23214	87	02751	30485	8-	10755 36485
115	2-02844	12226	78	02844	32428	52	81844 32585
203						8-	81836 32586
206	83-01864	24115	44	01853	28224	87	25854 28384
210	86-02756	24387	82	02845	27417	8-	25847 32387
220	23-01953	12303	20	01853	30203	20	01844 32314
230	80-00842	32212	56	00851	32212	50	01854 03214
245	86-01763	28314	46	01762	28224	5-	61648 57368
260	00-05590	00003	03	05690	00003	0	08490 28100
277	86-02846	25587	96	16843	25583	50	00851 27211
279	8-05656	22126	43	05654	20125	--	45265 00045
285						5-	72558 00048
288	59-05671	26315	07	05690	21123	00	08490 22111
273						13	04762 20174
301	86-01646	28287	86	02754	26385	80	05654 00084
321	86-05553	26317	87	81554	26127	5-	08453 23113
299	57-05653	26213	57	05644	26214	00	05690 26200
292	84-00752	22113	5-	05656	22286	00	08490 27140
310						--	46209 26449
316	84-05545	28225	46	08453	22183	07	08490 00018
333	26-02065	24305	20	01963	26214	80	78746 24116
334						2-	01854 28214
340	86-26055	26386	46	01052	24312	50	00862 00002
136	00-05690	25400	8-	24547	26387	03	05590 21284
336						2-	02754 08315
350	20-05656	25316				51	05555 24106
368	87-02753	24227					
379	20-05654	26314	44	05652	2302	05	05590 24114
390	83-05654	28515	5-	05655	24315	00	08490 18102
382	10-05653	28514	40	05662	25202	03	05590 00003
438	50-02755	26415				52	03645 08228
430	20-05564	26304	40	05571	00013	00	05590 00003
409	13-02053	22216	57	02851	16217	5-	64648 04468

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>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 (8 = E, 16 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th February 1941.

1 S.E. England	Light or moderate N.W. wind; bright periods, local showers of snow, hail or sleet; rather cold, night frost.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind N.W. to variable, moderate to light, freshening from E or S.E. tomorrow; bright periods, local wintry showers, perhaps rain tomorrow with snow on hills; rather cold, night frost.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Light or moderate N. or N.W. wind; showers of snow, hail or sleet at most places, bright intervals; rather cold, night frost.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland. B.N.W. Scotland.	Fresh N.E. wind, moderating; occasional snow or sleet, some drifting inland; rather cold.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	
18 N.E. Ireland	As G - 13A.
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 shallow depression over the North Sea is almost stationary and another one over N.E. France is moving East slowly.  
A ridge of high pressure off our West coasts is moving east.  
There will be bright intervals generally but local showers of snow, hail or sleet and appreciable further snowfall in North Scotland and parts of S.E. Scotland and N.E. England. Night frost will continue generally.

FURTHER OUTLOOK.

Little change in most areas. Risk of rain in extreme South.

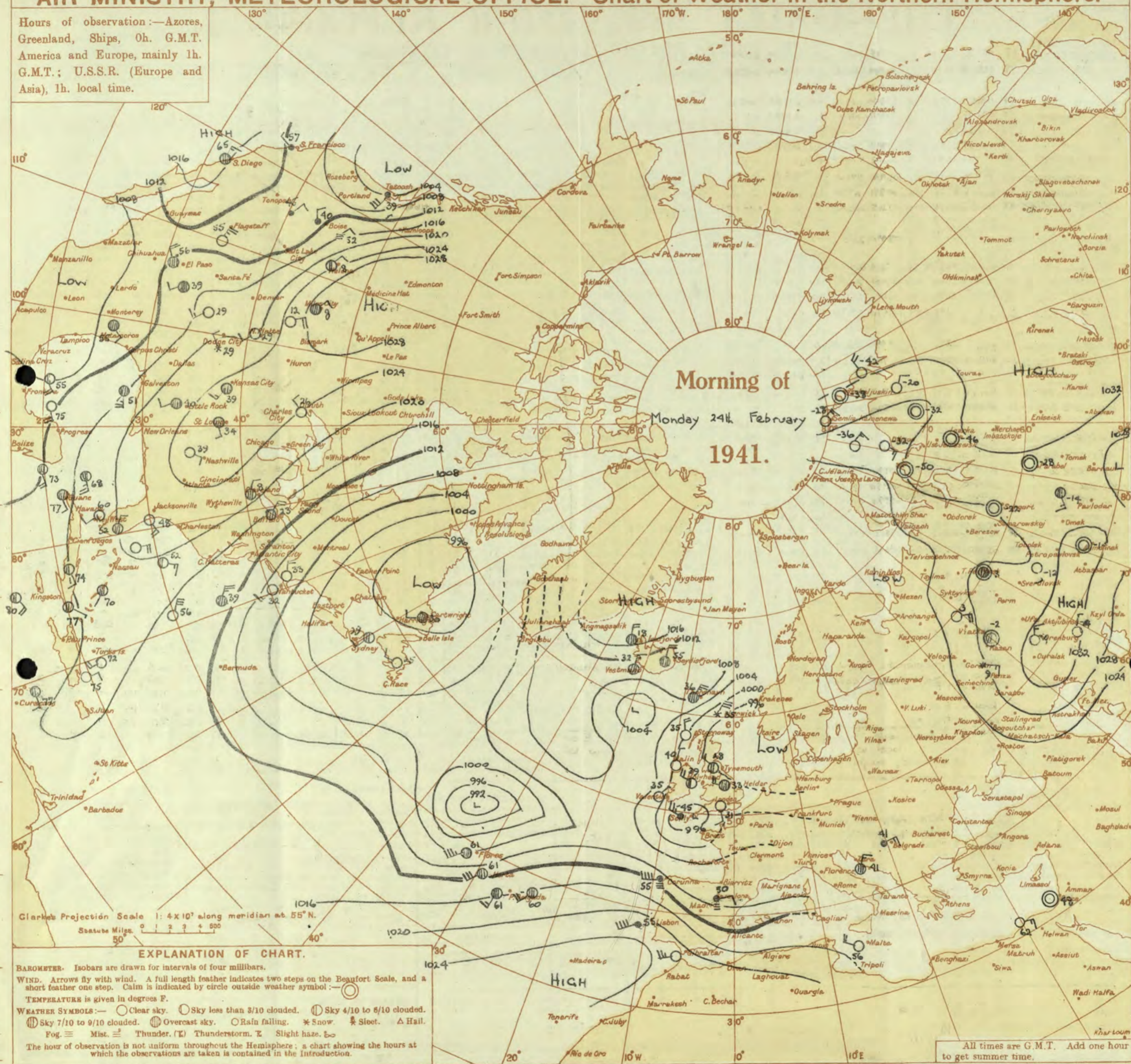
Forecasts issued at 10.30 G.M.T.

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

H.M.S.O. Press, Cornhill 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.



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 24th February 1941.  
No. 28245.

OBSERVATIONS at 1 hr. G.M.T. 24th February															OBSERVATIONS at 7 hr. G.M.T. 24th February															PAST 24 HOURS																
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud. (9-13)					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud. (23-27)					Sea. (29)	TEMPERATURE. (31-33)			RAINFALL. (34-35)		SUNSHINE Hrs. (36)											
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base (feet) (11)	Total (12)	Height of Base (feet) (13)				Direc. (17)	Force. (18)				Form. (23)	Amount. (24)	Height of Base (feet) (25)	Total (26)	Height of Base (feet) (27)			Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)											
1	London (Kew) ... 18															308.4	0	W	1	cf	32	92	3	5	-	0	0	2500	3	*	43	29	16	-	Tr	6.4										
	Croydon ... 217	308.6	-14	S	2	20	31	85	5	5	-	1	1	3000	308.2	0	W	1	m	31	92	4	5	-	0	0	2500	3	*	43	29	28	-	-	5.9											
	S. Farnborough ... 226	308.4	-16	-	0	20	32	85	5	5	3	-	4.6	7.8	3200	308.8	+6	WNW	1	m	32	97	4	5	-	2.3	9.1	3500	6	*	43	31	24	-	1	6.4										
	Boscombe Down ... 417	308.5	-14	ENE	2	20	32	75	5	5	7	-	4.6	7.1	2500																															
	Thorney Island ... 10	308.4	-18	ENE	2	20	34	92	6	4	-	8	2.3	4.6	4000	308.0	+2	N	3	10.0	35	92	5	6	2	7.8	10	1500	1	*	44	31	22	-	0.1	*										
	Lymington ... 346	308.4	-18	-	0	20	33	92	5	5	-	1	1	1		308.3	-1	NNW	1	20	31	97	6	2	7	4.6	10	2500	3	*	40	29	22	-	-	5.0										
	Manston ... 154	308.8	-8	SW	2	20	31	85	6	-	-	5	0	1	-	308.1	-4	-	0	20	30	92	5	2	3	6	1	9.1	3000	3	*	41	30	23	-	-	*									
2	Shoeburyness ... 11															308.3	+2	-	0	m	31	92	4	5	-	4.6	10	4000	1	*	44	29	21	-	-	6.6										
	Felixstowe ... 15	308.3	-2	W	1	11	33	85	4	-	-	0	0	0		308.1	+2	NW	2	m/f	29	92	4	5	-	1	1	3000	3	*	42	29	23	-	-	5.5										
	Gorleston ... 5	308.8	0	WSW	2	20	35	85	6	5	-	-	4.6	4.6	1500	308.5	0	WN	2	2	30	85	5	5	-	7.8	7.8	1500	3	*	41	30	25	-	-	*										
	Mildenhall ... 19	308.7	-4	SW	2	20	32	85	5	-	-	0	0	0		308.1	+2	WSW	2	20	27	97	5	5	3	1	2.3	4000	4	*	41	27	22	-	Tr	5.6										
	Cranwell ... 240	308.5	-2	W	3	m	30	92	4	5	-	-	7.8	7.8	2500	308.5	+2	WN	1	m	25	97	4	-	-	0	0	-	8	*	38	25	21	0.3	-	4.3										
3	Birmingham ... 535															308.5	+6	NW	1	cf	31	92	3	5	7	0	0	2500	4	*	40	29	22	Tr	-	5.3										
	Upper Heyford ... 408	308.6	-10	-	0	20	28	97	6	-	-	5	0	1	-	308.8	-2	NW	1	2	20	92	7	-	4	-	0	Tr	-	3	*	43	25	17	-	-	8.3									
4	Ross-on-Wye ... 223															*	0	SW	2	bc	20	92	5	5	-	2.3	2.3	1500	3	*	43	25	17	-	-	*										
5	Hartland Point ... 299	308.1	-4	ENE	3	10.0	37	92	7	5	2	-	7.8	9.1	1500	308.9	+16	NNE	3	b	38	85	8	1	-	1	1	2500	1	3	43	37	33	-	0.4	6.6										
	Bristol ... 209	308.0	-14	SW	1	20	31	92	5	5	7	-	1	7.8	2000	308.5	+8	NW	1	20	29	92	5	5	4	Tr	Tr	2000	3	*	42	28	19	-	-	7.4										
	Portland Bill ... 32	308.2	-14	S	3	rr	43	92	7	5	-	-	10	10	2500	308.1	+10	N	4	c	38	85	7	5	-	10	10	2500	1	3	42	35	*	-	4	*										
	Plymouth ... 82	307.8	-14	SW	1	rr	37	92	5	-	2	-	10	10	600	308.7	+2.2	N	4	b	37	85	8	5	-	Tr	Tr	5000	1	3	46	34	33	-	8	8.0										
	The Lizard ... 240	305.1	-16	ENE	5	10.0	41	97	7	5	-	-	10	10	1500	308.9	+2.8	N	4	bc	37	92	8	8	6	4.6	4.6	2500	1	4	47	35	*	0.1	8	5.7										
	Scilly (St. Mary's) ... 163	305.0	-8	NW	5	bc	43	97	7	8	4	-	4.6	4.6	1500	308.6	+3.0	N/E	5	c/pr	41	85	8	8	4	3	4.6	9	2500	1	4	48	39	*	-	-	*									
	Guernsey ... 175																																													
6	Pembroke ... 142	308.7	0	NE	2	bc	35	97	8	5	7	-	4.6	4.6	2500	308.7	+8	NNW	3	bc	37	85	8	2	-	4.6	4.6	3000	6	3	44	35	*	-	3	8.2										
7	Holyhead ... 26	308.7	+2	WNW	4	b	39	85	8	8	-	-	1	1	3000	308.9	+10	NW	4	bc	39	85	8	8	-	2.3	2.3	2800	7	*	44	26	18	0.1	1	5.8										
	Chester (Sealand) ... 16	308.6	-2	S	1	psm	32	97	4	8	-	-	9.1	9.1	1700	308.7	+2	NNW	1	20	29	92	5	5	-	2.3	2.3	2500	7	*	41	29	26	1	Tr	1.0										
8	Manchester ... 70	308.7	-4	-	0	ps	32	97	4	8	-	-	10	10	2500	308.6	+2	WSW	1	cf	30	97	2	5	-	7.8	7.8	2500	8	*	41	29	26	1	Tr	1.0										
10	Spurn Head ... 29	307.8	0	WNW	3	0	33	92	6	5	-	-	10	10	1500	307.0	-2	WN	3	ft	30	97	2	5	-	10	10	1500	1	2	38	30	14	-	-	8.3										
	Catterick ... 175	308.1	0	WNW	2	20	22	97	5	-	-	-	0	0	-	307.6	+2	NNW	2	bc	25	85	7	-	7	-	0	4.6	-	9	*	38	14	25	0.2	0.4	*									
	Tynemouth ... 108	307.8	-4	NW	3	b	28	85	7	-	-	-	0	0	-	307.7	+4	NW	3	0/s	27	85	5	-	2	-	10	10	1500	9	3	34	25	24	0.2	0.4	*									
11	St. Abba Head ... 280	308.9	-6	WNW	3	c	33	85	7	4	2	-	2.3	7.8	2500	308.9	+8	WSW	5	c/s	33	97	7	8	2	7.8	10	2000	9	3	34	32	*	-	0.5	*										
	Leuchars ... 36	306.3	-4	W	4	so	34	85	5	-	2	-	10	10	2500	307.3	+12	NW	1	c	35	85	7	5	7	4.6	9.1	2100	8	*	40	25	23	-	1	8.2										
12	Reafrow (Abbots L.) ... 19	308.6	-2	WSW	2	20	30	85	6	8	-	-	2.3	2.3	2500	308.8	+2	WSW	1	c	34	85	7	5	1	7.8	9.1	3000	3	*	44	26	17	Tr	Tr	5.2										
	Eskdalemuir ... 794															307.7	+4	NNW	3	c/s	30	85	7	5	2	2.3	10	800	8	*	35	13	7	Tr	Tr	5.2										
	Point of Ayre ... 30	308.2	+2	N	3	b	37	85	8	4	-	-	Tr	Tr	2500	308.7	0	NW	4	bc	37	92	8	4	5	Tr	2.3	2500	0	3	44	35	*	0.2	-	8.3										
13a	Tiree ... 22	308.3	0	NW	4	bc	39	85	8	8	-	-	4.6	4.6	2500	308.6	+4	N	4	bc	40	85	8	5	-	4.6	4.6	2100	0	4	40	37	*	1	Tr	6.8										
13b	Stornoway ... 80	308.3	0	N	4	b	35	92	8	8	-	-	1	1	2500	308.2	+16	NE	6	c	39	75	7	8	-	7.8	7.8	1500	1	4	40	32	*	1	0.5	4.9										
15	Dalwhinnie ... 1176															308.0	+12	NNE	2	c	31	85	6	5	-	9	10	1500	8	*	35	25	20	-	3	1.8										
	Aberdeen ... 79															308.0	+20	NW	3	c/s	33	92	7	8	7	7.8	9.1	2500	8	3	35	32	*	0.3	3	5.1										
	Wick ... 81	306.6	+10	NNW	4	c	36	92	7	5	7	-	7.8	9.1	1500	307.7	+20	N	4	c	35	97	8	5	3	4.6	9	150																		

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.

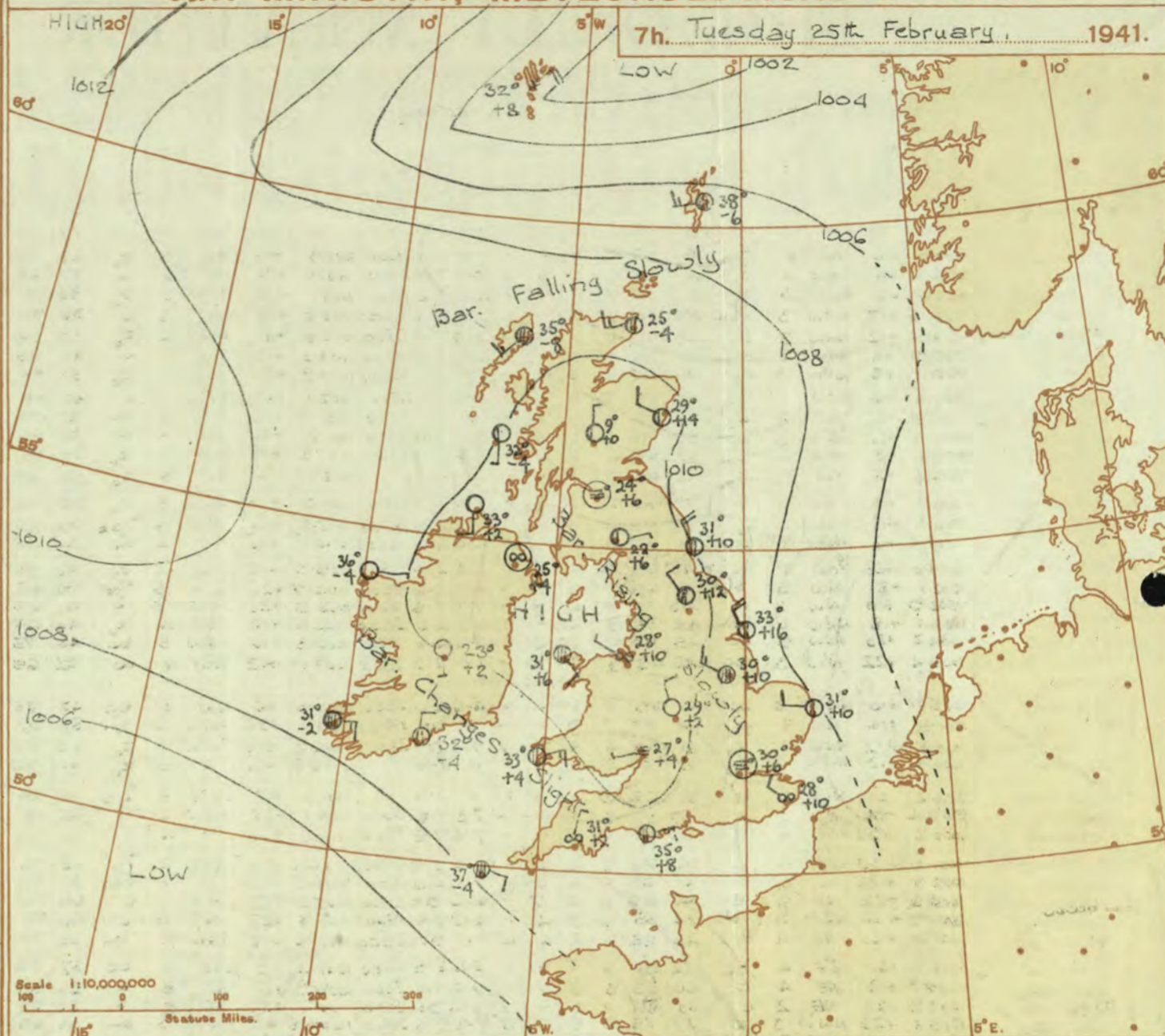
Abridged observations of additional stations in the

# AVIATION WEATHER CODE

13h. G.M.T. 24th February 1941.				18h. G.M.T.				01h. G.M.T. 25th February 1941.				07h. G.M.T.			
III. C.	ww	Vh	Nh	DDFWN	C. C.	ww	Vh	Nh	DDFWN	C. C.	ww	Vh	Nh	DDFWN	C. C.
109	80	01563	36633	50	01864	31414	50	00962	24112	50	01964	21214			
115	52	01844	06986	87	02844	08485	51	01844	20224	51	02844	20425			
203	2	01844	02414	8	01954	02314	5	00862	16212	5	01964	12414			
206	37	02844	04286	30	00863	02213	50	00862	26102	84	00890	26200			
210	37	02844	04286	34	01854	01484	50	00861	23301	50	00861	16101			
220	30	01953	31303	20	01963	06203				20	01853	11203			
230	73	02953	02317	44	01953	02313	00	00890	00000	00	00890	12200			
245	86	01853	32385	46	00852	32383	8	00753	32413	83	01852	26213			
260	83	05653	00014	4	05665	02115	50	08464	00004	50	05563	00003			
277	84	02754	32435	54	01773	04223	00	00790	03100	00	00790	28100			
279	57	05655	32377	57	01861	01314				03	00790	00002			
285	30	02635	30515	23	01744	32414				50	01744	30314			
288				8	05556	32386	50	08453	30313	50	08454	30314			
273	27	04753	28215							00	04890	10100			
301	00	05590	30345	5	05555	32315	50	05663	32113	50	08461	32101			
321	5	05667	27217	57	25665	26387	5	05568	30428	53	05564	28315			
299	57	05654	25315	80	01744	02414	5	05644	26314	5	01854	22414			
292	5	05657	27314	8	02756	28286	50	05551	27211	50	00763	26213			
310	--	05436	26416	--	87428	26428				--	01643	26513			
316	5	05557	26247	97	71444	31488	00	05590	02270	50	05564	28204			
333	83	02845	24485	8	01854	02184	00	05690	24100	00	00990	24100			
384	--	03447	22278		01754	32315					01461	00002			
340	26	02755	26326	80	05633	29283	50	05564	30214	50	04462	30102			
136	10	05643	24213				5	05658	02288						
386	26	01752	02313	62	01753	32314				26	01752	04314			
350										50	05655	26225			
368	74	08664	28214												
379	20	01754	28314	5	02756	28326	50	05652	32112	50	08452	32102			
390	5	05554	28314	5	05558	24128	50	05664	30464	53	08465	28216			
382	80	01854	28314	56	02865	27326	50	05664	30214	57	08465	00026			
438	50	01654	32314							50	01753	01213			
430	20	01854	32314	40	05672	28302	00	05690	00000	03	05590	02102			
409	20	01854	28414	10	01854	28414	50	01754	28214	12	02763	00065			

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).

## AIR MINISTRY, METEOROLOGICAL OFFICE.



### DISTRICTS.

### FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th February 1941.

1 S.E. England	Light northwest to variable wind; fair or fine; rather cold with keen to hard frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate easterly winds; fair but considerable cloud at times; cold; frost well inland at night.
6 South Wales ...	
7 North Wales ...	Wind variable light, becoming northwest moderate later; fair or fine today; more cloud with perhaps local snow showers tomorrow; cold; hard frost at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Light variable winds becoming moderate W to N.W. tomorrow; fine today; more cloud tomorrow with snow showers; cold; hard frost at night.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind S.W. moderate veering northerly later, fresh locally; cloudy or dull; some snowfall, considerable falls in the north; some brighter intervals tomorrow; cold.
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 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.

Pressure is relatively high over the British Isles but low to the southwest and southeast. A trough of low pressure near the Faeroes will move southeast across Scotland accompanied by some snow especially in North Scotland and with snow showers in North England later. Elsewhere weather will be fair or fine and cold with some hard frost at night.

### FURTHER OUTLOOK.

Continuing cold.

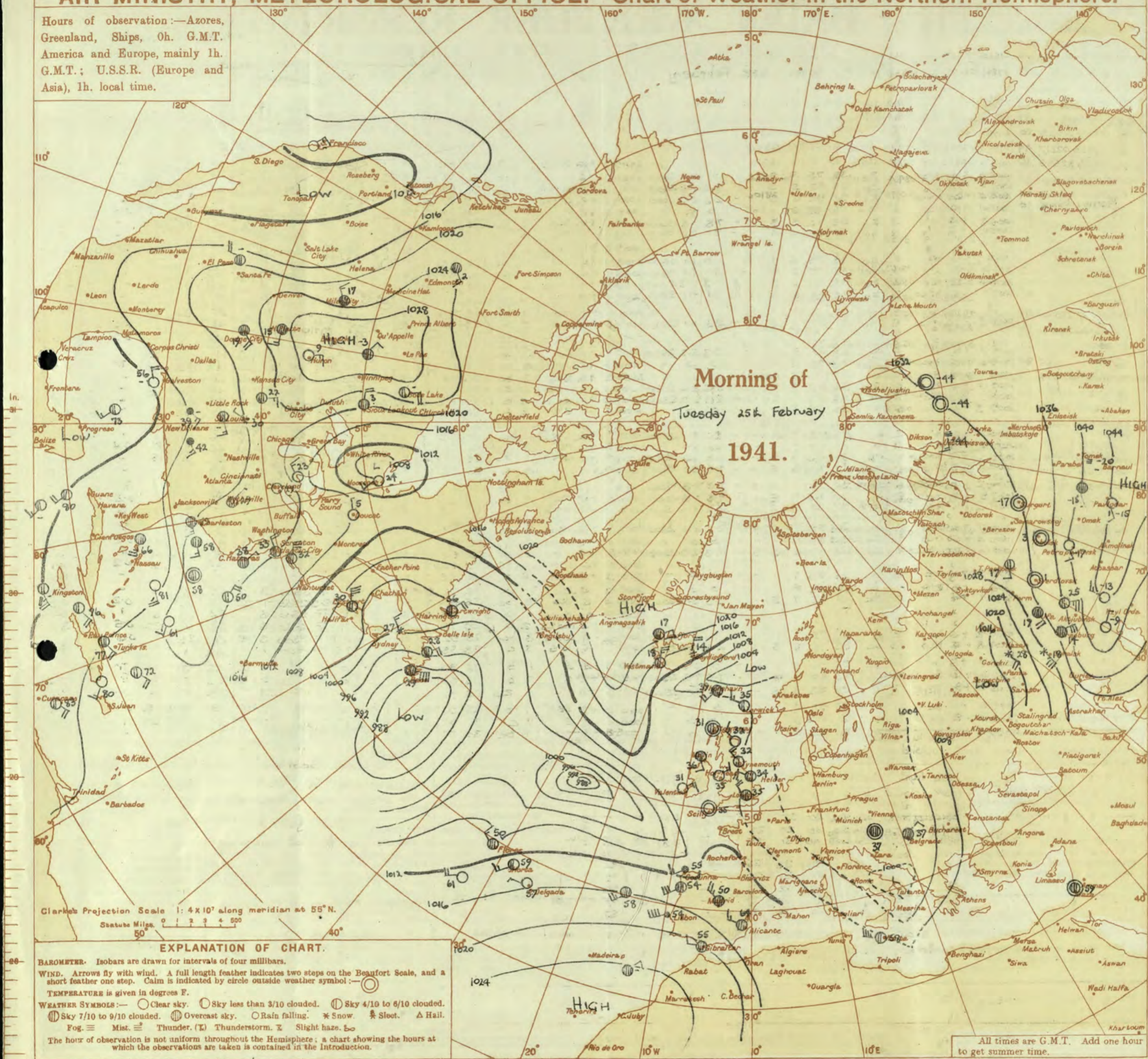
Forecasts issued at 10.30 G.M.T.

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 25th February 1941.

No. 28,950.

OBSERVATIONS at 1 hr. G.M.T. 25th February														OBSERVATIONS at 7 hr. G.M.T. 25th February														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. (6)	Temp. °F. (7)	Humid. % (8)	Visibility. (9)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (20)	Temp. °F. (21)	Humid. % (22)	Visibility. (23)	Cloud.					State of ground. (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		Sun-shine Hrs. (36)
					Dir.	Force. (4)					Form. (10)	Amount. (11)	Height of Base. (feet) (14)	Dir.	Force. (18)			Form. (24)	Amount. (25)					Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)					
																																Low. (12)	Med. (13)	High (13)	Low (26)	
1	London (Kew) ... 217	18	1005.3	+18	NNW	1	20	35	75	5	5	5	5	5	1005.3	+10	NNW	1	20	33	85	5	5	5	5	5	5	1	40	33	21	-	Tr	4.0		
	Croydon ... 226	217	1005.3	+18	N	2	20	33	85	5	5	5	5	5	1005.3	+6	-	0	m	30	97	4	5	5	5	5	3	40	29	27	-	-	4.3			
	S. Farnborough ... 417	226	1005.3	+20	NNW	1	20	30	92	6	5	5	5	5	1005.3	+10	NNW	1	20	31	92	5	5	5	5	5	3	42	29	23	-	-	6.7			
	Roscombe Down ... 108	417	1005.3	+20	NNW	1	20	30	92	6	5	5	5	5	1005.3	+10	NNW	1	20	27	97	4	5	5	5	5	3	41	-	-	-	-	*			
	Osney Mead (Oxford) ... 346	108	1007.4	+10	NW	3	20	32	92	6	5	5	5	5	1007.4	+10	NW	2	20	28	92	5	5	5	5	5	3	43	28	17	0.4	-	*			
	Lymington ... 346	346	1005.7	+18	NW	3	20	32	92	5	5	5	5	5	1005.7	+10	NW	2	20	28	97	6	5	5	5	5	3	41	28	22	-	-	6.6			
	Manston ... 154	154	1005.9	+16	NW	4	20	35	92	6	5	5	5	5	1005.9	+16	NW	3	20	32	92	6	5	5	5	5	3	41	31	27	-	-	*			
2	Shoeburyness ... 11	11	1005.5	+18	N	4	20	35	75	6	5	5	5	5	1005.5	+12	NNW	1	20	32	92	5	5	5	5	5	3	43	30	26	Tr	0.2	5.0			
	Felixstowe ... 15	15	1005.5	+18	N	4	20	35	75	6	5	5	5	5	1005.5	+12	NNW	1	20	31	92	5	5	5	5	5	3	41	31	28	-	-	5.0			
	Gorleston ... 5	5	1005.4	+20	N	3	c/pr	34	75	6	5	5	5	5	1005.4	+10	N	1	20	31	85	6	5	5	5	5	3	39	30	25	-	-	0.0			
	Mildenhall ... 19	19	1006.4	+22	NW	2	20	32	85	6	5	5	5	5	1006.4	+10	NNW	2	20	32	92	5	5	5	5	5	3	40	32	22	-	-	3.2			
	Cranwell ... 240	240	1007.5	+16	NNW	3	20	32	92	5	5	5	5	5	1007.5	+10	NNW	3	c/pr	33	85	5	5	5	5	5	3	41	29	20	-	-	3.2			
3	Birmingham ... 535	535	1007.8	+22	NW	2	20	31	87	6	5	7	2.3	10	1010.1	+2	NNW	2	bf	29	85	3	-	-	-	-	1	39	24	24	-	-	2.7			
	Upper Heyford ... 408	408	1007.8	+22	NW	2	20	31	87	6	5	7	2.3	10	1007.8	+12	NNW	2	m	29	92	4	5	-	-	-	4	40	29	24	0.4	Tr	*			
4	Ross-on-Wye ... 223	223	1007.8	+22	NW	2	20	31	87	6	5	7	2.3	10	1007.8	+12	NNW	2	m	29	92	4	5	-	-	-	4	40	29	24	0.4	Tr	*			
5	Hartland Point ... 299	299	1008.2	+8	N	3	bc	37	85	8	2	-	2.3	2.3	1008.2	+6	E	3	bc	33	75	8	-	-	-	5	41	33	30	-	-	7.0				
	Bristol ... 209	209	1008.6	+14	NNW	1	20	31	92	6	-	-	0	0	1008.6	+6	-	0	m	27	97	4	-	-	-	-	3	43	27	8	Tr	-	7.0			
	Portland Bill ... 32	32	1008.0	+16	N	2	0	37	92	8	-	-	0	0	1008.0	+8	ENE	3	bc	35	92	7	5	-	-	-	4	42	33	28	-	-	7.0			
	Plymouth ... 82	82	1009.0	+6	-	0	20	34	92	5	5	-	4.6	4.6	1009.0	+2	NNE	1	20	31	92	6	5	-	-	-	3	45	30	25	-	-	5.4			
	The Lizard ... 240	240	1009.0	+6	-	0	20	34	92	5	5	-	4.6	4.6	1009.0	+2	NNE	1	20	31	92	6	5	-	-	-	3	45	30	25	-	-	5.4			
	Scilly (St. Mary's) ... 163	163	1009.3	+4	-	0	20	35	75	8	-	-	0	0	1009.3	+4	E'S	2	c	37	85	8	6	7	-	-	1	47	35	-	-	-	8.7			
	Guernsey ... 175	175	1009.3	+4	-	0	20	35	75	8	-	-	0	0	1009.3	+4	E'S	2	c	37	85	8	6	7	-	-	1	47	35	-	-	-	8.7			
6	Pembroke ... 142	142	1008.0	+12	N	2	bc	37	92	7	8	-	0	0	1008.0	+4	ENE	3	bc	33	92	7	-	7	-	-	3	42	32	-	-	-	9.0			
7	Holyhead ... 26	26	1009.6	+18	ENE	3	bc	35	92	7	-	-	0	0	1009.6	+6	SE	2	bc	31	97	7	5	3	-	-	3	42	30	21	0.4	-	3.3			
	Chester (Sealand) ... 16	16	1009.1	+12	NNW	1	20	30	85	3	5	-	10	10	1009.1	+10	NNW	1	20	28	85	5	-	-	-	-	3	41	27	18	-	-	4.4			
8	Manchester ... 70	70	1009.1	+18	SW	1	20	32	85	5	5	-	0	0	1009.1	+10	-	0	m	24	92	4	5	-	-	-	3	39	23	17	-	-	2.2			
10	Spurn Head ... 29	29	1006.2	+10	NNW	4	c/pr	34	92	7	8	-	7.8	7.8	1006.2	+10	NNW	4	bc	33	85	7	8	-	-	-	4	38	28	26	0.2	Tr	0.5			
	Catterick ... 175	175	1007.9	+10	NNW	2	c	30	85	7	5	-	7.8	7.8	1007.9	+10	NNW	2	bc	30	85	7	8	-	-	-	3	37	28	26	0.2	Tr	0.5			
	Tynemouth ... 108	108	1008.4	+5	NNW	4	bc/pr	32	85	6	2	-	4.6	4.6	1008.4	+10	NNW	4	bc	31	85	6	2	-	-	-	4	37	31	29	3	0.5	*			
11	St. Abbs Head ... 280	280	1006.1	+6	NW	5	bc	36	85	7	4	-	2.3	4.6	1006.1	+12	NW	5	bc	33	75	8	4	4	-	-	3	36	35	-	-	-	9.0			
	Leuchars ... 36	36	1009.0	+6	NW	1	20	32	75	6	-	-	0	0	1009.0	+10	NNW	1	b	26	85	7	8	-	-	-	8	43	24	22	0.2	-	3.2			
12	Rentrev (Abbots L.) ... 19	19	1010.6	+10	WSW	1	20	28	85	6	3	-	2.3	2.3	1010.6	+6	-	0	m	24	92	4	5	-	-	-	1	41	23	14	Tr	-	4.0			
	Eskdalemuir ... 794	794	1008.5	+6	NE	3	bc	36	85	7	-	-	0	0	1008.5	+6	ENE	2	b	22	85	8	5	-	-	-	3	35	10	12	0.2	-	2.1			
	Point of Ayre ... 30	30	1008.5	+6	NE	3	bc	36	85	7	-	-	0	0	1008.5	+6	ENE	2	b	24	85	7	-	-	-	-	0	41	33	-	-	-	5.6			
13A	Tiree ... 22	22	1010.1	+8	E'N	1	bc	30	85	8	-	-	0	0	1009.3	+4	S	1	b	32	92	9	1	-	-	-	3	43	27	-	-	-	9.3			
13B	Stormway ... 80	80	1010.1	+8	E'N	1	bc	30	85	8	-	-	0	0	1009.3	+4	S	1	b	32	92	9	1	-	-	-	3	43	27	-	-	-	9.3			
15	Dalwhinnie ... 1170	1170	1010.1	+8	E'N	1	bc	30	85	8	-	-	0	0	1009.3	+4	S	1	b	32	92	9	1	-	-	-	3	43	27	-	-	-	9.3			
	Aberdeen ... 79	79	1009.2	+6	NW	2	bc	29	75	7	1	-	1	1	1009.2	+4	WSW	3	bc	25	92	8	5	4	1	-	3	40	25	-	-	-	7.0			
	Wick ... 81	81	1009.2	+6	NW	2	bc	29	75	7	1	-	1	1	1009.2	+4	WSW	3	bc	25	92	8	5	4	1	-	3	40	25	-	-	-	7.0			
16	Lerwick ... 156	156	1007.8	+6	NW	3	bc	35	75	8	5	3	-	4.6	4.6	1007.8	+6	WSW	3	c	38	55	8	5	7	-	-	1	42	-	-	-	-	7.0		
17	Blackod Point ... 18	18	1009.7	+8	-	0	bc	34	92	8	-	-	0	0	1009.7	+4	E	1	b	36	85	8	-	-	-	-	3	46	31	-	-	-	7.3			
18	Malin Head ... 84	84	1009.6	+10	S	2	c	36	85	7	8	-	0	0	1009.6	+10	S	2	b	33	85	8	-	-	-	-	0	43	29	-	-	-	7.3			
	Aldergrove ... 268	268	1010.4	+12	ESE	2	bc	27	85	8	5	-	Tr	Tr	1010.4	+12	ESE	2	bc	33	97	6	-	-	-	-	3	43	23	15	0.3	-	3.7			
19	Birr Castle ... 173	173	1009.6	+10	SE	1	b	27	97	8	-	-	0	0	100																					

SECRET

BRITISH SECTION  
Wednesday 26th February 1941.  
No. 28, 951.

Page 1.

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

OBSERVATIONS at 13h. G.M.T. 25th February														OBSERVATIONS at 18h. G.M.T. 25th February														PAST 24 HOURS.						
DIRECTION.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1) mb.	Change in 3 hours. (2)	Wind.		Weather. (6)	Temp. (7)	Humid. (8)	Visibility. (9)	Cloud.					Barom. at M.S.L. (15) mb.	Change in 3 hours. (16)	Wind.		Weather. (20)	Temp. (21)	Humid. (22)	Visibility. (23)	Cloud.			State of Ground. (29) 0-9	Sea. (30) 0-9	WEATHER.						
				Direc. (3)	Force. (4) 0-12					Low. (10)	Med. (11)	High (12)	Low (13) 0-10	Total (14) 0-10 (feet)			Low. (24)	Med. (25)					High (26)	Low (27) 0-10	Total (28) 0-10 (feet)			7h.—18h. 25th. (37)	18h.—18h. 25th. (38)	18h.—18h. 26th. 1h. (39)	1h.—7h. 26th. (40)			
1	London (Kew)...	1010.1	-0.1	NW	3	Z	40	55	6	-	-	4-6	4-6	1010.4	+0.1	NE	3	Z	38	55	5	-	-	2-3	2-3	4000	1	*	cbsm	bcz	bcz	bcz		
	Croydon ...	1010.1	-0.1	NW	1	Z	40	55	5	2	-	-	7-8	7-8	1010.2	+0.1	NE	1	Z	35	55	5	-	-	4-6	4-6	3000	1	*	cbsm	bcz	bcz	bcz	
	S. Farnborough ...	1010.3	-0.3	NNW	2	bc	42	45	8	-	-	4-6	4-6	1010.4	+0.1	NNE	1	Z	38	55	6	-	-	2-3	2-3	4500	1	*	cbsm	bcz	bcz	bcz		
	Boscombe Down ...	1011.1	-0.1	N/E	2	bc	37	65	7	2	-	1	4-6	7-8	1010.1	0	NE	2	Z	37	55	6	-	-	1-2	3-4	3000	1	*	cbsm	bcz	bcz	bcz	
	Marley Island ...	1010.3	-0.3	NNE	1	bc	37	65	7	1	6	1	4-6	4-6	1009.9	+0.4	N	2	Z	36	75	6	-	-	4-6	4-6	4000	1	*	cbsm	bcz	bcz	bcz	
	Lymington ...	1010.6	-0.6	NNW	2	bc	37	55	8	2	6	-	4-6	4-6	1011.0	+0.6	N	2	Z	34	75	5	-	-	Tr	2-3	4000	1	2	*	cbsm	bcz	bcz	bcz
	Manston ...	1009.7	+0.7	WNW	2	Z	37	65	6	2	-	-	4-6	4-6	1010.5	+1.0	NE	2	Z	35	75	6	-	-	7-8	7-8	3000	1	*	cbsm	bcz	bcz	bcz	
2	Shoeburyness ...	1010.4	-0.4	SW	1	bc	41	55	6	-	-	-	4-6	4-6	1011.0	+1.0	NE	1	bc	33	85	6	-	-	7-8	7-8	4000	1	*	cbsm	bcz	bcz	bcz	
	Felixstowe ...	1009.5	+0.5	WNW	2	Z	40	75	6	2	-	-	4-6	4-6	1010.3	+1.0	NE	3	bc	34	85	7	-	-	1-1	3000	1	2	*	cbsm	bcz	bcz	bcz	
	Gorleston ...	1010.2	+0.2	NE	2	Z	36	85	7	8	-	-	7-8	7-8	1011.2	+0.2	ENE	2	bc	35	75	7	-	-	2-3	2-3	1500	1	2	*	cbsm	bcz	bcz	bcz
	Mildenhall ...	1009.5	-0.5	NW	3	c	37	65	8	2	-	-	7-8	7-8	1010.7	+1.0	NE	2	bc	37	55	7	-	-	1-4	3000	1	*	cbsm	bcz	bcz	bcz		
	Cranwell ...	1010.3	+0.3	NW	3	Z	40	75	6	2	-	-	2-3	2-3	1011.4	+0.6	ENE	2	bc	33	85	7	-	-	Tr	Tr	2500	4	*	cbsm	bcz	bcz	bcz	
3	Birmingham ...	1010.3	+0.3	E	2	Z	40	45	6	5	-	-	4-6	4-6	1011.2	+0.2	E	2	Z	36	65	5	-	-	1-2	2-3	2500	1	*	cbsm	bcz	bcz	bcz	
	Upper Heyford ...	1010.6	0	N	2	Z	40	55	6	1	-	-	2-3	2-3	1010.7	+0.4	NE	2	bc	35	75	7	-	-	4-6	4-6	3000	1	*	cbsm	bcz	bcz	bcz	
4	Ross-on-Wye ...	1010.6	0	ESE	2	bc	40	55	6	1	-	-	2-3	2-3	1010.7	+0.4	ENE	2	Z	35	75	6	-	-	Tr	Tr	2500	1	*	cbsm	bcz	bcz	bcz	
5	Hartland Point ...	1005.5	-0.5	E	3	bc	37	92	6	1	-	-	Tr	4-6	1009.1	0	E	3	bc	38	55	8	-	-	0-1	0-1	5000	1	3	*	cbsm	bcz	bcz	bcz
	Bristol ...	1011.2	-0.2	EN	3	Z	40	55	6	2	-	-	4-6	4-6	1010.7	-0.2	NE	2	Z	35	75	6	-	-	4-6	4-6	5000	1	3	*	cbsm	bcz	bcz	bcz
	Portland Bill ...	1009.1	-0.1	EN	3	Z	40	55	6	2	-	-	4-6	4-6	1009.1	-0.2	NE	2	Z	35	75	6	-	-	4-6	4-6	5000	1	3	*	cbsm	bcz	bcz	bcz
	Plymouth ...	1010.0	+0.0	ESE	3	bc	41	65	7	1	3	8	1-4	4-6	1009.3	-0.2	EN	3	c	38	65	6	-	-	Tr	Tr	3000	0	3	*	cbsm	bcz	bcz	bcz
	The Lizard ...	1008.0	-0.8	E	3	c	47	75	8	6	-	-	7-8	7-8	1007.1	-0.4	E	5	c	41	75	7	-	-	7-8	7-8	3000	1	4	*	cbsm	bcz	bcz	bcz
	Scilly (St. Mary's) ...	1008.1	-0.6	E	3	c	45	85	8	7	-	-	4-6	4-6	1006.4	-0.6	E	4	c	42	85	8	-	-	7-8	7-8	1800	1	2	*	cbsm	bcz	bcz	bcz
	Guernsey ...	1008.1	-0.6	E	3	c	45	85	8	7	-	-	4-6	4-6	1006.4	-0.6	E	4	c	42	85	8	-	-	7-8	7-8	1800	1	2	*	cbsm	bcz	bcz	bcz
6	Pembroke ...	1010.4	0	E'S	4	bc	40	75	6	8	6	-	2-3	4-6	1010.0	0	E'S	4	bc	38	75	7	-	-	1-1	3000	1	1	*	cbsm	bcz	bcz	bcz	
7	Holyhead ...	1011.1	-0.1	E'S	3	bc	42	75	8	1	-	-	Tr	Tr	1010.8	+0.4	SE	2	bc	37	75	7	-	-	Tr	Tr	3500	1	1	*	cbsm	bcz	bcz	bcz
	Chester (Sealand) ...	1011.4	0	WNW	1	Z	38	75	6	5	-	-	1-1	3500	1011.0	+0.2	NW	1	m	33	75	4	-	-	0-0	0-0	5000	1	*	cbsm	bcz	bcz	bcz	
8	Manchester ...	1011.7	+0.7	NE	3	c/p	38	65	5	5	-	-	7-8	7-8	1011.4	+0.2	NE	2	bc	37	75	2	-	-	0-0	0-0	5000	1	3	*	cbsm	bcz	bcz	bcz
10	Spurn Head ...	1010.3	+0.3	NE	4	c	41	55	8	5	-	-	7-8	7-8	1011.3	+0.4	E	2	bc	36	75	8	-	-	2-3	2-3	4000	1	3	*	cbsm	bcz	bcz	bcz
	Catterick ...	1011.3	+0.3	N	1	b	37	65	7	-	-	-	0-0	0-0	1011.7	+0.2	-	0	c	34	85	7	-	-	7-8	7-8	4000	1	3	*	cbsm	bcz	bcz	bcz
	Tynemouth ...	1011.6	+0.6	WNW	3	c	35	75	6	8	3	-	4-6	7-8	1011.9	0	WNW	2	Z	35	75	5	-	-	0-2	0-2	5000	1	3	*	cbsm	bcz	bcz	bcz
11	St. Abbs Head ...	1011.2	+0.2	NW	2	bc	36	85	8	4	4	-	2-3	2-3	1010.3	-0.2	SW	3	bc	33	85	8	-	-	1-2	2-3	2500	3	3	*	cbsm	bcz	bcz	bcz
	Leuchars ...	1011.0	-0.2	SW	2	b	40	55	7	-	-	-	0-0	0-0	1009.8	-0.4	SW	1	bc	31	85	6	-	-	0-2	0-2	5000	1	8	*	cbsm	bcz	bcz	bcz
12	Benbow (Abbots L.) ...	1011.5	-0.5	SW	2	b	43	45	8	1	7	-	Tr	1	1010.4	-0.4	SW	1	bc	36	75	7	-	-	4-6	4-6	3000	1	*	cbsm	bcz	bcz	bcz	
	Esdailemuir ...	1011.6	+0.2	SSE	2	bc	35	55	8	-	4	-	0-0	0-0	1011.5	0	-	0	b	34	75	6	-	-	0-0	0-0	5000	1	8	*	cbsm	bcz	bcz	bcz
	Point of Ayre ...	1011.8	0	SE	2	b	42	75	7	1	-	-	Tr	Tr	1010.9	-0.2	SSW	1	bc	34	85	8	-	-	1-2	2-3	2500	0	2	*	cbsm	bcz	bcz	bcz
13A	Three ...	1009.4	-0.4	S	4	bc	41	65	8	2	-	-	4-6	4-6	1009.3	-0.6	SW	4	bc	38	75	8	-	-	4-6	4-6	2800	0	4	*	cbsm	bcz	bcz	bcz
13B	Stornoway ...	1006.8	-0.6	SW	6	c/pr	37	85	8	5	7	-	7-8	7-8	1004.8	-0.4	SW	6	bc	37	87	6	-	-	0-10	0-10	5000	1	4	*	cbsm	bcz	bcz	bcz
15	Dalwhinnie ...	1010.0	-0.4	S	2	c	33	75	8	1	-	-	2-3	7-8	1009.7	-0.1	S	2	bc	30	75	8	-	-	4-6	4-6	2500	7	3	*	cbsm	bcz	bcz	bcz
	Aberdeen ...	1010.1	-0.2	WSW	2	bc	37	55	6	-	4	0	1	1	1008.5	-0.5	SW	2	bc	37	75	6	-	-	0-1	0-1	5000	1	7	*	cbsm	bcz	bcz	bcz
	Wick ...	1007.9	-0.8	SSW	3	bc	36	75	8	5	4	-	2-3	4-6	1005.3	-0.6	SSW	3	bc	32	85	8	-	-	1-1	2-3	4000	3	2	*	cbsm	bcz	bcz	bcz
16	Lerwick ...	1004.4	-0.4	SW	5	c	40	65	8	5	7	-	7-8	7-8	1002.2	-0.8	SW	5	c	37	85	8	-	-	4-6	7-8	1500	1	*	cbsm	bcz	bcz	bcz	
17	Blacksod Point ...	1008.8	-0.2	-	0	bc	44	75	8	-	5	0	0	1	1008.1	-0.4	S	1	b	37	75	8	-	-	0-0	0-0	5000	0	3	*	cbsm	bcz	bcz	bcz
18	Malin Head ...	1009.7	-0.6	S	4	bc	41	55	7	-	-	2	0	2-3	1008.7	0																		

Abridged observations of additional stations in the

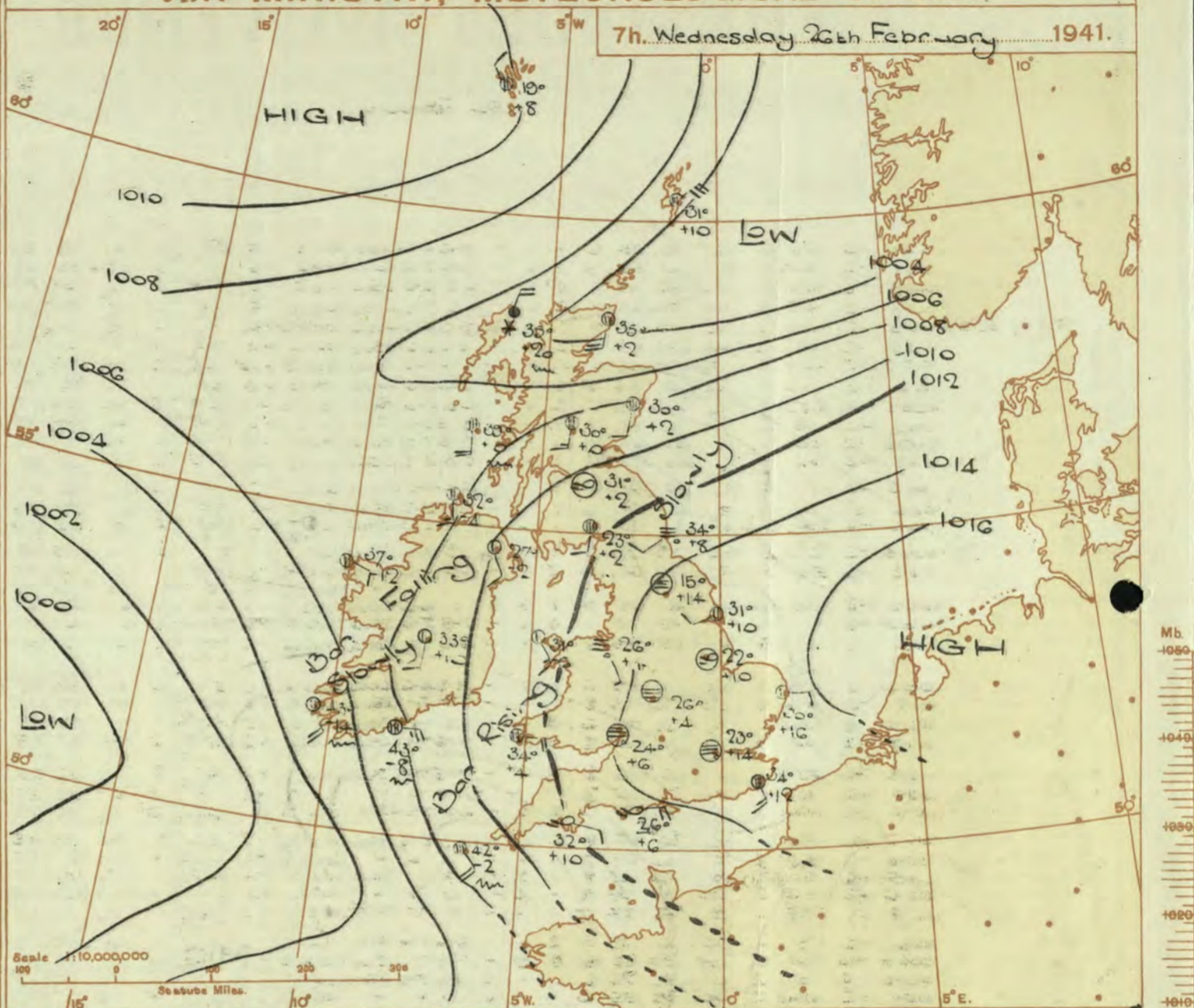
# AVIATION WEATHER CODE

13h. G.M.T. 25th February					18h. G.M.T.					01h. G.M.T. 26th February					07h. G.M.T.				
IIIC	C <sub>M</sub>	wwVhN <sub>B</sub>	DDFWN		C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>B</sub>	DDFWN		C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>B</sub>	DDFWN		C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>B</sub>	DDFWN				
109					52	01861	19313		5-	61758	20518		6-	74528	04578				
115	53	02944	20527		52	14844	53627		52	62735	53668		52	72735	02478				
203										5-	62638	16668							
208	00	02890	22325		54	05690	28212		57	02854	22327		57	02855	22427				
210	07	01970	18315		03	00890	18412		57	01862	20614		57	02854	20528				
220					80	27745	22585						62	03745	17128				
230	13	00991	18302		40	00853	16313		50	00853	18413		53	02754	16315				
245	00	00890	24203		00	17590	20313		00	05590	20300		54	05660	20305				
260	50	05661	00001		50	00762	18102		00	05690	00000		03	05690	20401				
277	10	00852	11202		40	00763	13303		50	00862	16312		57	78866	15178				
279	00	05690	05200		00	00890	12100		00	05590	04100		03	05690	20300				
285	26	01853	32314		40	00852	32402						70	01758	20403				
288	80	05664	13244		8-	17457	12127		00	45890	20140		--	48103	20143				
278	00	05790	14400		00	00990	17300						53	00701	12302				
301	03	05690	04203		00	05590	08100		00	47390	10240		00	45890	10240				
321	00	05690	28300						50	47362	00042		50	47163	14143				
299	80	01854	32414		50	01753	30013		5-	05657	26217		50	05654	26214				
292	80	05653	26323		56	05644	28115		00	00842	00000		50	45351	00042				
310	--	01645	12415						--	01633	20313		--	01633	20313				
316	2-	05665	02215		40	08461	08111		00	45390	24140		00	47290	26140				
333	13	00916	08302		00	01962	00002		00	05690	08200		00	00890	14301				
334	--	41690	16140		--	05662	12203						--	01461	00002				
340	20	01763	04213		50	05562	10118		00	05590	08200		54	08462	14202				
1386	10845	30386			86	01854	02284		00	00790	18110								
336					50	01752	12312						50	05643	12313				
350	0	02854	32314		40	00753	32303		00	05590	30200		54	41462	09143				
362	0	05663	07314																
370	10	05654	32314		50	05651	04301		00	05690	10200		00	05620	08102				
390	80	01755	30315		50	05664	00014		50	05561	06211		50	05652	08202				
382	20	05665	04115		40	05663	03213		00	05690	07100		03	05590	00003				
438	5-	02756	16116										50	02655	14325				
430	40	01763	02113		40	05564	00015		00	05590	04200		50	05675	06215				
400	23	05655	08428		07	02790	08327		00	05690	11410		57	05653	10316				

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>u</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 26th February 1941.



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 anticyclone over the Southern North Sea is moving S.E. A trough of low pressure over the extreme North of Scotland, is moving slowly south and another is approaching our Southwest coasts. There will be appreciable snowfall in North Scotland. Over the remainder of the British Isles, weather will be fair, although rain may occur during the night in the extreme S.W. Day temperatures will be below average and frost will occur at night.

### FURTHER OUTLOOK.

Rain spreading slowly from the southwest with snow locally in the Midlands. Further snow in Scotland.

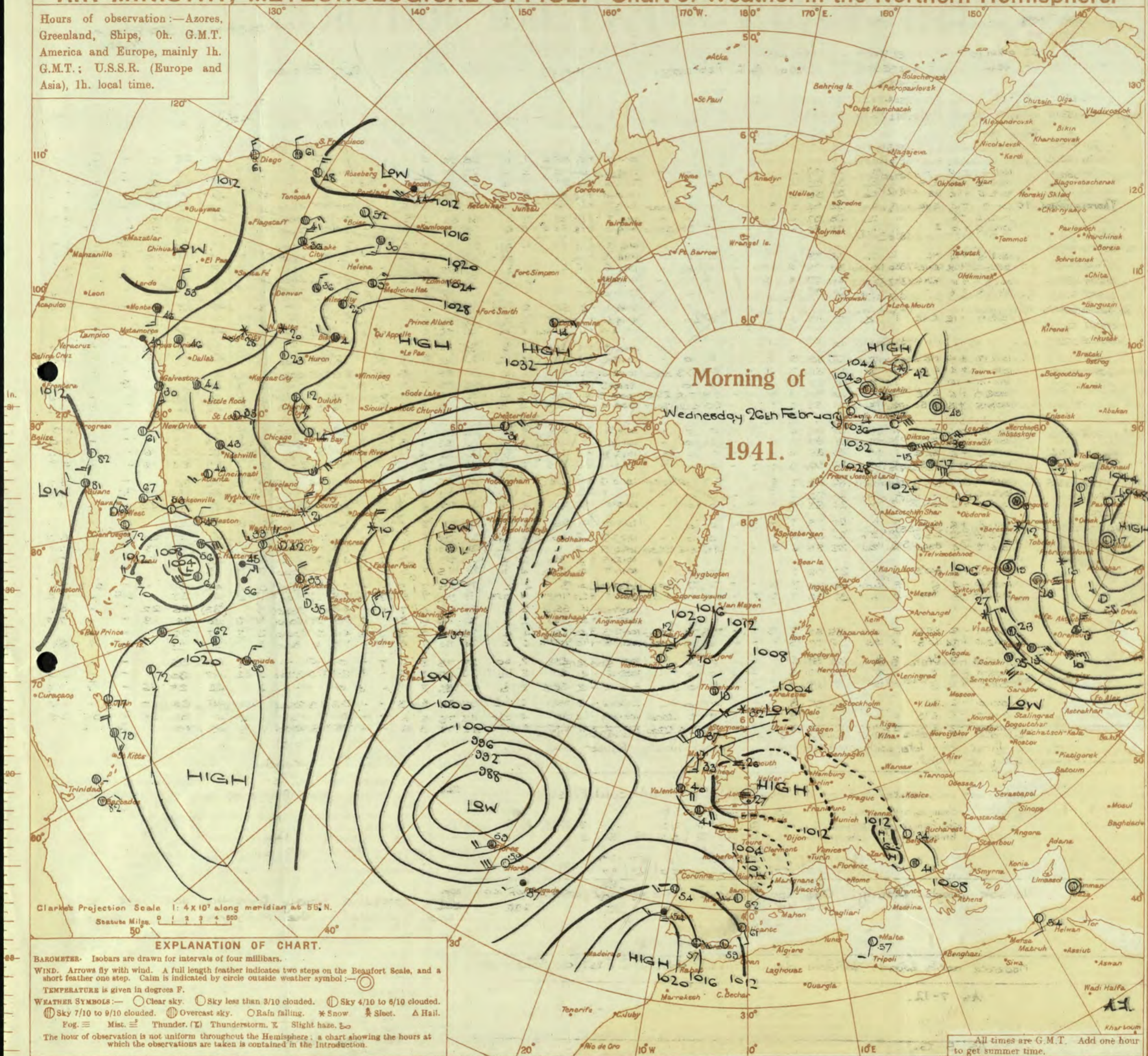
N. K. JOHNSON, D.Sc., A.R.C.S.,  
 Director.

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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th February, 1941.
1 S.E. England	Light or moderate S.E. wind. Mainly fair. Local wintry showers near east coast. Rather cold. Frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate or fresh East wind. Strong locally on coasts later. Fair at first. Rain later with perhaps sleet or snow locally. Rather cold. Frost locally at night.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Light or moderate S.E. or S. wind. Fair. Rather cold. Frost at night.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotl. B.N.W. Scot- land.	Variable winds. Cloudy. Occasional snow. Cold. Frost at night.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Moderate north wind. Variable cloud. Snow showers. Frost day and night.
17 N. W. Ireland	As 7-12.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	As 5-6.

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

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



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Wednesday 26th February, 1941.  
No. 28,351

OBSERVATIONS at 1 hr. G.M.T. 26th February.															OBSERVATIONS at 7 hr. G.M.T. 26th February.															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.				Sea. 0-9	TEMPERATURE.				RAINFALL.		Sun- shine Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					Direc.	Force.					Low.	Med.	High.	Total.			Direc.	Force.					Form.	Amount.	Height of Base (feet).	Low.		Med.	High.	Total.	Height of Base (feet).	State of Ground.	0-9		Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																																								0-12	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9

SECRET

Page 1.

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Thursday 27th February 1941.  
No. 23, 952.

OBSERVATIONS at 13h. G.M.T. 26th February.														OBSERVATIONS at 18h. G.M.T. 26th February.														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. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																	
				Dir.	Force.					Low.	Med.	High.	Form.	Amount.			Height of Base. (feet).	Dir.					Force.	Low.	Med.	High.	Form.			Amount.	Height of Base. (feet).	7h.—13h. 26th	13h.—18h. 26th	18h.—27th 27th	27th 1h.—7h.																																																																																																																																																																																																																																																																																																																																												
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Thames Island ... Lymington ... Manston ...	1016.4 1016.4 1016.3 1014.0 1016.0 1018.2 1017.9	+8 +8 +6 -10 +12 +14 +16	SE'S SE S SE'E SE SE SE	4 3 3 4 4 3 4	bc bc Z Z c c c	35 35 35 37 40 38 37	65 65 65 75 65 65 55	7 7 6 6 7 8 7	2 2 3 3 3 1 1	6 2 3 3 3 6 4	2-3 2-3 7-8 7-8 7-8 2-3 7-8	2500 3500 3500 2500 2500 3000 2500	1016.1 1016.1 1015.8 1014.6 1015.3 1017.7 1017.8	-4 -2 -2 0 -6 -4 -2	SE SE SE S SE SE SE	2 3 3 S 4 3 3	Z Z c Z c bc Z	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 1 1 0	3 3 3 3 3 3 3	bc bc bc bc bc bc bc	35 35 35 34 37 34 36	65 75 65 85 75 75 75	6 6 7 6 7 7 5	5 4 5 - - - 3	1 4 0 8 7 10 2-3	2500 - - - - 2500 1800	1 1 1 1 

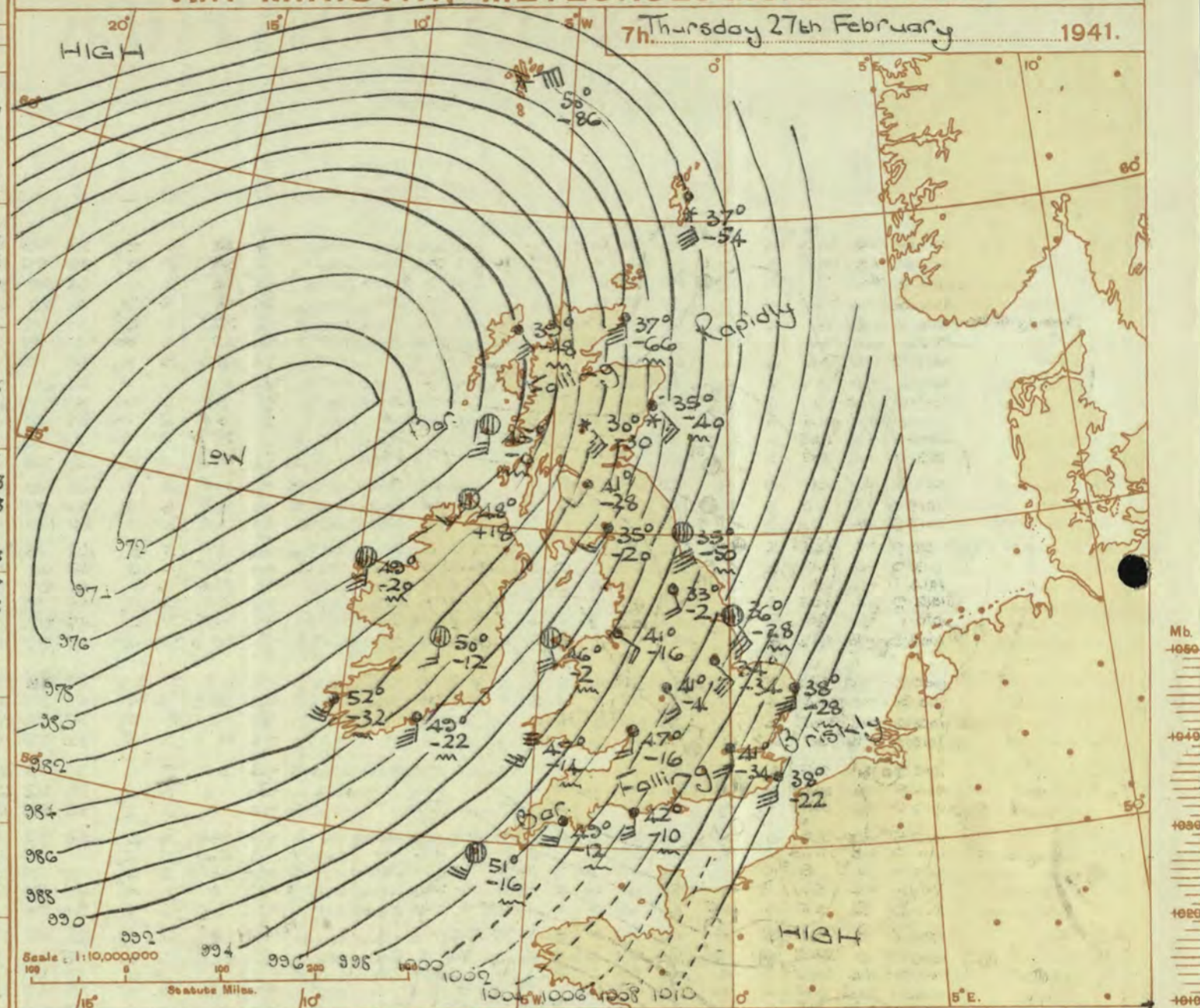
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 26th February 8h. G.M.T.				01h. G.M.T. 27th February 07h. G.M.T.			
IIIC <sub>2</sub>	wwVhN	DDFWN	C <sub>1</sub> C <sub>2</sub>	wwVhN	DDFWN	C <sub>1</sub> C <sub>2</sub>	wwVhN
109	5-	02247	02577	5-	03948	07528	5- 03748 46978
115	52	83835	08478	87	02834	12587	52 83735 43588 52 15334 45587
203							3- 71748 08528
206	62	72648	24188	50	02643	12376	02 78768 12578 52 02856 12577
210	57	02844	20468	07	05690	12214	52 02755 47628 52 24945 47778
220	52	22840	14468	52	02754	12518	52 22235 21568
230	8-	02758	17318	07	05690	14328	02 74538 46578 52 52526 14478
245	50	05664	20425	00	00790	16523	5- 23648 49778 6- 23638 48878
260	00	01790	18404	00	05590	10218	5- 08468 14428 52 05668 47627
277	10	02751	13486	58	61656	13668	02 64548 45768 5- 05618 16568
279	00	05690	14215	57	05564	10228	5- 14558 45728 5- 02847 1657
285	50	01853	10303	5-	02647	10417	6- 68638 16678
288	00	05690	14336	07	05690	14427	5- 05668 48628 52 51647 47778
273							
301				07	05590	15418	02 68588 47778 62 05544 15668
321	00	05790	14414	5-	05667	14428	5- 05665 13527 5- 22548 14668
299	00	01790	18314	5-	02646	49626	50 05648 51728 6- 66538 49768
292	07	01790	14345	5-	05667	14317	5- 05648 47438 62 05537 50578
310							-- 57109 16649
316	10	05544	14344	5-	05545	16328	52 14654 47628 62 51425 48478
333				62	02842	16688	5- 64648 49768 02 22638 16568
334	--	05651	20102		02657	20528	02 25538 00068
340				07	05690	14418	5- 88658 47688 62 52637 47558
136	23	01762	14314	53	02755	12316	02 05690 46518 52 51644 13678
336	56	01753	12313	62	02754	16427	-- 67409 16369
400	50	05663	16415	53	05553	12724	57 05554 47518 62 64627 16568
308							
370	13	05652	12316	53	02765	14327	5- 74668 14578 6- 62618 16668
390	83	01764	14415	03	05690	12316	02 05590 12628 62 64427 12468
382	77	05664	16325	03	02790	14428	52 68655 46678 62 62627 14568
438	70	02754	14414				52 67318 20668
430	53	02765	12427	00	05690	12415	5- 61688 47568 6- 58538 49568
406	53	02754	12728	5-	22668	13668	5- 54548 14668 5- 52628 17768

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).

AIR MINISTRY, METEOROLOGICAL OFFICE.

7th Thursday 27th February 1941.



Mb.  
1060  
1040  
1020  
1000  
980  
960  
940

DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th February 1941

1 S.E. England	Moderate or fresh S.W. winds, strong on coasts reaching gale locally, Rain at times. A few bright intervals. Local thunder, Mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotland 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	

Fresh S.W. wind strong to gale locally on coasts veering west, occasional rain. Bright intervals later with squally showers of rain, or hail and local thunder. Mild becoming colder.

Fresh S. to S.W. wind strong locally on coasts veering W. to N.W. Rain at first. Wintry showers later. Mild becoming cold later.

As 7-12.

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

GENERAL INFERENCE.

A deep depression off N.W. Ireland is moving northeast. There will be periods of heavy rain in the north with a possibility of renewed snowfall during the night in North Scotland. In the South and Midlands there will be occasional rain but some bright intervals. Thunder will occur locally. It will become mild temporarily in all districts but temperature is expected to fall considerably in Scotland during the night. There will be fresh or strong S.W. winds in most districts reaching gale locally.

FURTHER OUTLOOK.

Unsettled. Bright intervals. Occasional rain. Snow locally in the North.

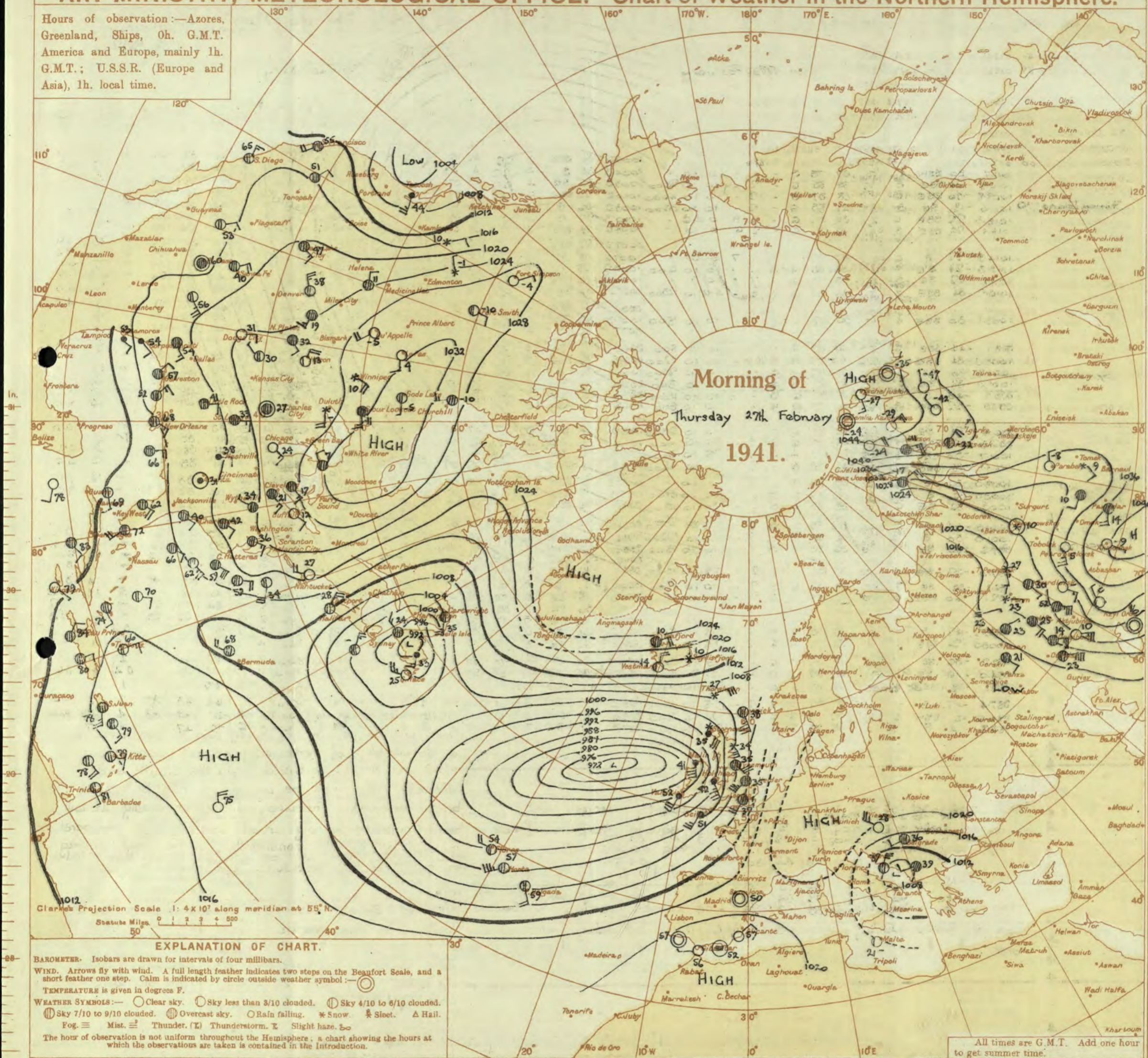
Gale warning in operation in all districts. Times of issue 1700h on 26.2.41; 1920h on 26.2.41. and 2345h on 26.2.41.

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  
Thursday 27th February, 1941.  
No. 28,952

OBSERVATIONS at 1 hr. G.M.T. 27th February														OBSERVATIONS at 7 hr. G.M.T. 27th February														PAST 24 HOURS.									
DISTANCE.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud. (9) (10) (11) (12) (13)					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud. (23) (24) (25) (26) (27)					State of Ground. (29)	Sea. (30)	TEMPERATURE. (31) (32)		RAINFALL. (34) (35)		SUNSHINE 24 Hrs. (36)		
1	London (Kew) ... 18	217	1011.7	-30	SSW	4	37	75	5	1	0	10	10	10	10	1004.3	-34	SSW	5	37	75	5	1	0	10	10	10	10	10	1	4	33	20	-	2	3.3	
	Croydon ... 226	1010.8	-24	SSW	5	35	85	6	1	2	0	10	10	10	10	1003.9	-30	SSW	4	35	85	6	1	0	10	10	10	10	10	2	4	33	20	-	5	3.7	
	Boscombe Down ... 417	1008.8	-30	SSW	6	35	87	5	1	2	0	10	10	10	10	1001.6	-26	SSW	6	35	87	5	1	0	10	10	10	10	10	1	3	34	31	6	2.2		
	Thorney Island ... 10	1011.0	-18	SE	5	41	85	6	1	2	0	10	10	10	10	1003.9	-36	S	5	40	87	4	2	0	10	10	10	10	10	1	4	32	30	11	7.0		
	Lymington ... 346	1015.3	-22	SSW	6	35	82	6	1	2	0	10	10	10	10	1010.3	-22	S	6	35	82	6	1	0	10	10	10	10	10	1	4	33	30	-	2	7.0	
	Manston ... 154	1014.4	-26	SSW	5	36	75	6	1	2	0	10	10	10	10	1008.6	-24	SSW	5	36	75	6	1	0	10	10	10	10	10	1	4	33	30	-	2	7.0	
2	Shoeburyness ... 11	1014.8	-22	S	6	37	75	7	1	7	0	10	10	10	10	1007.8	-32	SSW	7	37	75	7	1	0	10	10	10	10	10	1	4	34	30	-	1	3.6	
	Felixstowe ... 15	1015.3	-24	SE	7	36	85	6	1	7	0	10	10	10	10	1007.6	-38	SE	7	36	85	6	1	0	10	10	10	10	10	1	5	35	30	-	1	2.6	
	Gorleston ... 5	1011.8	-32	SE	5	35	75	6	1	7	0	10	10	10	10	1004.2	-36	SSW	6	35	75	6	1	0	10	10	10	10	10	1	4	32	24	-	0.3	1.9	
	Mildenhall ... 19	1010.2	-34	SSW	6	33	85	5	1	7	0	10	10	10	10	1002.2	-34	SSW	7	34	87	4	1	0	10	10	10	10	10	4	38	31	-	2	6.3		
3	Birmingham ... 535	1009.1	-30	SSW	4	36	82	6	1	5	0	10	10	10	10	1001.1	-4	SSW	3	36	82	6	1	0	10	10	10	10	10	1	4	32	28	-	3	4.9	
4	Upper Heyford ... 408	1009.1	-30	SSW	4	36	82	6	1	5	0	10	10	10	10	1001.1	-4	SSW	3	36	82	6	1	0	10	10	10	10	10	1	4	32	28	-	3	4.9	
	Ross-on-Wye ... 223	1009.1	-30	SSW	4	36	82	6	1	5	0	10	10	10	10	1001.1	-4	SSW	3	36	82	6	1	0	10	10	10	10	10	1	4	32	28	-	3	4.9	
5	Hartland Point ... 299	1008.1	-44	SSW	6	46	87	6	1	2	0	10	10	10	10	1004.3	-12	SSW	6	46	87	6	1	0	10	10	10	10	10	1	5	42	35	-	3	1.4	
	Bristol ... 209	1006.5	-34	SSW	6	40	82	5	1	2	0	10	10	10	10	1003.3	-22	SSW	5	40	82	5	1	0	10	10	10	10	10	1	5	42	35	-	3	2.7	
	Portland Bill ... 32	1005.8	-30	SE	5	38	87	7	1	5	0	10	10	10	10	1001.6	-10	S	5	38	87	7	1	0	10	10	10	10	10	1	5	42	35	-	3	1.6	
	Plymouth ... 82	1002.9	-38	SE	6	47	87	5	1	2	0	10	10	10	10	1001.6	-12	SSW	6	47	87	5	1	0	10	10	10	10	10	1	4	45	42	-	2	1.6	
	The Lizard ... 240	1008.3	-40	S	8	48	87	6	1	2	0	10	10	10	10	1007.4	-8	SSW	7	48	87	6	1	0	10	10	10	10	10	1	6	47	45	-	1	1.1	
	Scilly (St. Mary's) ... 163	1007.3	-22	SSW	5	47	87	5	1	2	0	10	10	10	10	1004.3	-16	SSW	5	47	87	5	1	0	10	10	10	10	10	1	4	47	47	-	1	0.0	
	Guernsey ... 175	1007.3	-22	SSW	5	47	87	5	1	2	0	10	10	10	10	1004.3	-16	SSW	5	47	87	5	1	0	10	10	10	10	10	1	4	47	47	-	1	0.0	
6	Pembroke ... 142	1006.4	-24	SE	7	42	87	6	1	2	0	10	10	10	10	1003.8	-14	SSW	5	42	87	6	1	0	10	10	10	10	10	1	5	42	42	-	3	0.0	
7	Holyhead ... 26	1004.5	-60	SSW	7	42	87	6	1	2	0	10	10	10	10	1001.0	-12	SE	6	42	87	6	1	0	10	10	10	10	10	1	5	41	38	-	3	0.2	
	Chester (Sealand) ... 16	1001.7	-50	SE	5	38	82	4	1	2	0	10	10	10	10	1003.5	-12	SE	4	38	82	4	1	0	10	10	10	10	10	1	4	41	38	-	3	0.2	
8	Manchester ... 70	1004.1	-48	SE/S	5	36	85	5	1	2	0	10	10	10	10	1006.8	-16	SSW	5	36	85	5	1	0	10	10	10	10	10	1	4	41	35	-	2	6.6	
10	Spurn Head ... 29	1008.3	-36	S	7	35	75	7	1	2	0	10	10	10	10	1010.8	-28	SSW	8	35	75	7	1	0	10	10	10	10	10	0	6	40	33	-	2	7.1	
	Catterick ... 175	1005.9	-36	S	6	32	82	6	1	2	0	10	10	10	10	1007.3	-2	SSW	4	32	82	6	1	0	10	10	10	10	10	7	6	34	32	-	5	5.6	
	Tynemouth ... 108	1006.0	-36	SE	6	35	85	6	1	2	0	10	10	10	10	1004.4	-50	SSW	8	35	85	6	1	0	10	10	10	10	10	3	6	36	34	-	3	5.6	
11	St. Abba Head ... 280	1001.5	-44	S	7	32	75	7	1	2	0	10	10	10	10	1001.1	-54	S	8	32	75	7	1	0	10	10	10	10	10	4	4	34	31	-	2	5.2	
	Leuchars ... 36	1001.3	-50	E	4	34	85	5	1	2	0	10	10	10	10	1001.1	-50	SSW	3	34	85	5	1	0	10	10	10	10	10	4	4	35	30	-	4	2.4	
12	Renfrew (Abbots L.) ... 19	1007.6	-50	SE	4	36	85	5	1	2	0	10	10	10	10	1008.0	-28	SSW	2	36	85	5	1	0	10	10	10	10	10	4	4	35	33	-	4	6.6	
	Eskdalemuir ... 794	1007.6	-50	SE	4	36	85	5	1	2	0	10	10	10	10	1008.0	-28	SSW	2	36	85	5	1	0	10	10	10	10	10	4	4	35	33	-	4	6.6	
	Point of Ayre ... 30	1007.0	-52	SE	7	37	85	7	1	2	0	10	10	10	10	1008.0	-4	SSW	6	37	85	7	1	0	10	10	10	10	10	2	5	41					

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Friday 28th February, 1941.  
No. 28, 953

[illegible]

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).  
bo, 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.  
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.  
p, 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<sub>o</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, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.

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

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

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

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

† Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

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

COLUMN 29 —STATE OF GROUND

[illegible]

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

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

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

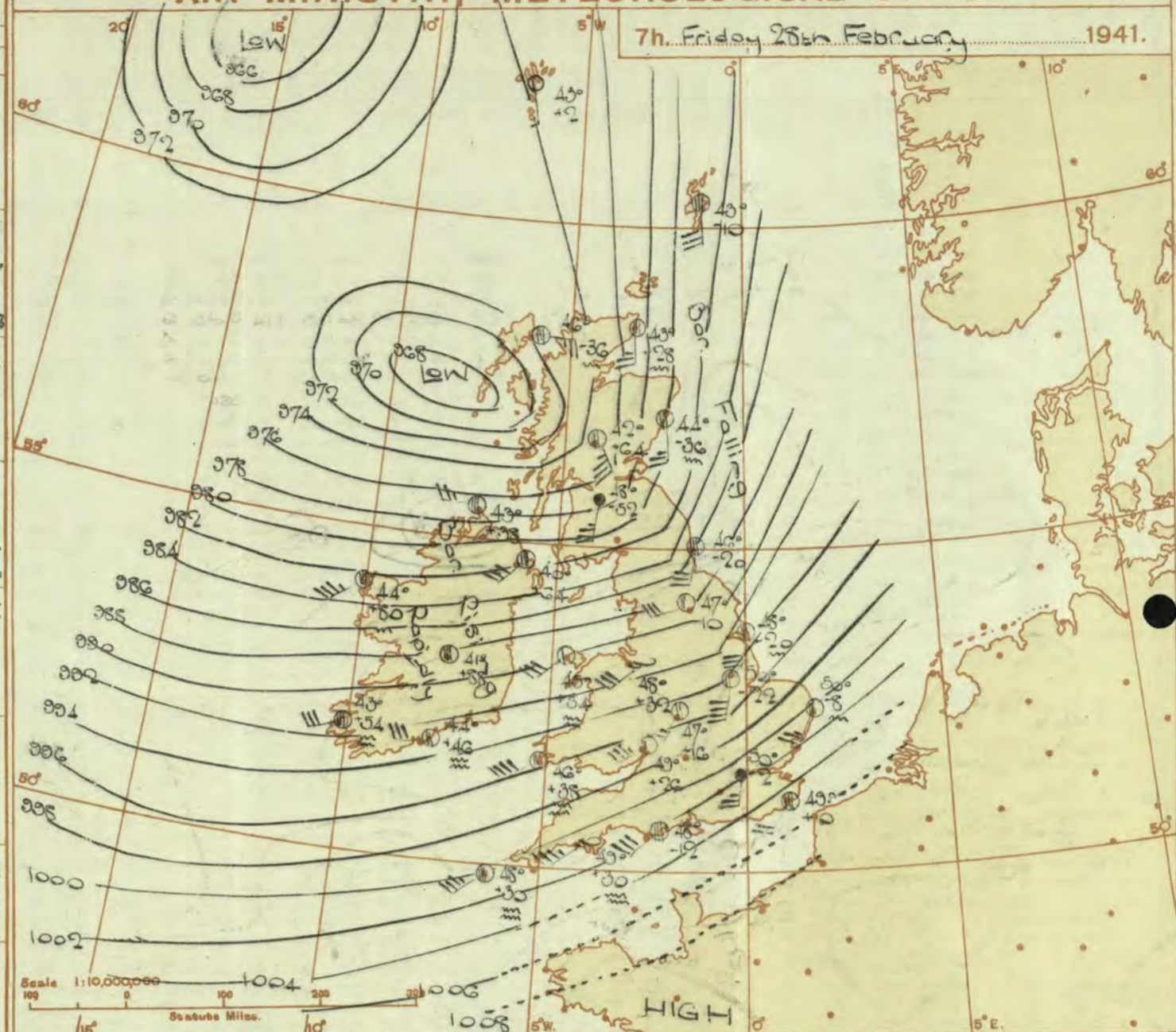
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T.	27h. February	18h. G.M.T.	01h. G.M.T.	28h. February	7h. 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
109	57 02645 47766	6-	64423 47768	07 02790 18454	57 02731 48514
115	52 02844 16487	52	81734 12587	52 62735 20388	52 02844 12465
203				5-	01234 16624
206	57 02855 16327	57	02855 17327	5-	02854 20524
210	57 02744 48627	52	02864 17428	5-	01864 16314
220	62 66736 17668	62	64736 19568		62 66735 23698
230	6- 64638 16468	62	64645 16468	50	00742 16362
245	6- 05538 14758	62	61437 16668	50	05655 20365
260	57 02854 16526	57	02764 19566	00	00730 18460
277	62 64308 14568	57	61646 16367		52 02847 53768
279	52 64645 15467	62	05627 50868	--	05647 20727
285	-- 61109 12563	6-	65538 24868		3- 25737 24787
288	5- 17447 18557	5-	05556 51568	50	05653 53463
278	37 10643 20616				68 15644 21527
301	62 61526 15558			5-	81747 53427
321	6- 56528 16568	53	05664 17564	00	05690 51600
299	5- 62538 16568	5-	05634 22314		50 01753 55513
292	5- 08428 15468	53	05645 13465		
310		--	02628 20528		-- 01634 20614
316	62 51526 16468	50	25754 14384	50	05545 19415
333	5- 51628 18568	52	02645 51558	5-	61648 51568
334	-- 66438 20363	--	65437 20568		-- 02636 24937
340	5- 22848 17668	84	01844 18654	50	02766 51626
136	52 62626 17568	57	21727 18568	50	01753 18513
338	62 62655 16468	62	63645 20668		53 01823 52514
350	5- 22838 16668				5- 22727 49667
368					
379	6- 05618 18628	5-	05628 20628	50	05643 18713
390	62 22525 18568	5-	51425 51458	5-	21646 49556
282	62 52627 51558	54	792 19953	5-	02777 20527
438	02 64418 55768				02 03648 23588
430	62 53526 52558	6-	21617 20558	5-	05548 18828
409	62 51726 51858	62	02625 53827	5-	61648 17328

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).

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 28th February 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 28th February, 1941

1 S.E. England	Fresh or strong squally S.W. wind, moderating; bright intervals, local showers, chiefly near South Coast; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Strong, squally, S.W. to W. wind, gale locally, moderating; bright intervals and showers; local hail and perhaps thunder; mild.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland B.N.W. Scotland	Strong or gale S.W. to W. wind, decreasing somewhat; showers of rain, hail, sleet or snow; perhaps local thunder; brighter intervals, temperature falling somewhat.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 5-12.
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.

A deep depression near the Hebrides is moving N.E. There will be bright intervals in all districts with squally showers of rain or hail, and local thunder. Snow showers are likely later in Scotland. There will be fresh or strong S.W. winds at first reaching gale locally. It will be mild in the South, but will become rather cold in the North. A new depression now far out on the Atlantic will cause renewed rain and gales after 24 hours.

FURTHER OUTLOOK.

Rain in the S.W. spreading N.E. across the country with renewed gales.  
Gale Warnings issued 1700h 26/2/41. in districts 6, 7, 8, 12, 13a, 13b, 15+16 (part of) and 17, 18, 19, 20; at 1920h on 26/2/41 in district 5 (part of) u 2345h u 26/2/41 u u 1, 2, 5 (part of) 10, 11, 14, 15+16 (part of)

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.

Morning of  
Friday 28th February,  
1941.

Clarke's Projection Scale 1: 4 x 10<sup>7</sup> along meridian at 55° N.

Scale in Miles 0 1 2 3 4 500

## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. T Slight haze. &=

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

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

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Friday 28th February 1941.  
 No. 28,953

OBSERVATIONS at 1 hr. G.M.T. 28th February															OBSERVATIONS at 7 hr. G.M.T. 28th February															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 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.														
1	London (Kew)	18														1001.4	+2	SSW	5	10	40	82	6	5			10	10	1500	1	*	50	48	48	5	0.2	0.0													
	Croydon	217	1002.7	+2	SSW	5	c	50	82	7	5	-	-	10	10	1500	1002.0	-2	SSW	5	10	50	82	6	2		7-8	10	600	1	*	50	48	48	5	1	0.0													
	S. Farnborough	226	1002.8	-2	SSW	6	c	51	82	6	6	-	-	9	9	1300	1001.7	-2	SSW	6	10	51	82	6	2		3	10	600	2	*	51	50	48	8	1	0.0													
	Boscombe Down	417	1001.8	-2	SW	6	c	50	82	6	6	-	-	10	10	800	1001.0	+4	SW	6	10	50	85	6	2		10	10	600	1	*	51	48	48	5	1	0.0													
	Thorney Island	10	1004.2	+2	SW	4	c	47	82	7	5	-	-	10	10	1000	1003.7	+2	SW	4	10	48	82	6	2		7-8	9	800	1	*	48	47	46	8	1	0.0													
	Lympne	346	1000.2	+2	SW	4	c	49	82	5	-	-	-	10	10	200	1005.9	0	SW	4	10	49	85	7	5		9	9	700	1	*	49	47	46	13	1	0.0													
	Manston	154	1004.6	+4	SW	6	c	50	82	7	5	-	-	7-8	7-8	300	1003.9	-4	SW	7	5	51	85	7	5		4-6	10	1000	1	*	50	49	48	3	0.2	0.0													
2	Shoeburyness	11														1003.7	0	SW	6	10	52	85	7	5		10	10	2000	1	*	51	48	44	3	0.1	0.0														
	Felixstowe	15	1003.0	+6	SSW	2	c	44	82	6	5	-	-	4-6	4-6	2000	1001.5	-6	SW	6	10	48	85	7	5		10	10	3000	1	*	46	42	40	5	0.1	0.0													
	Orleston	5	1001.5	+4	SW	5	c	49	82	6	5	-	-	4-6	4-6	2500	1000.3	-8	SW	5	10	50	85	6	4		2-3	2-3	1500	1	*	46	45	43	10	-	0.0													
	Mildenhall	19	1000.4	+10	SW	5	c	52	85	6	5	-	-	9	9	2600	998.5	-8	SW	5	10	51	85	7	5		7-8	7-8	1000	1	*	53	51	44	2	-	0.0													
	Cranwell	240	996.8	+4	SW	6	c	49	85	6	5	-	-	0	0	-	998.7	-2.2	SW	8	10	50	85	7	5		4-6	4-6	1500	1	*	51	48	45	1	-	0.3													
3	Birmingham	535														999.2	+13	SW	3	10	47	85	8	5		2-3	2-3	1500	1	*	53	47	42	2	1	0.1														
	Upper Heyford	408	999.1	-2	SW	4	c	50	85	7	5	-	-	9	9	1700	998.4	+4	SW	6	10	48	85	7	5		7-8	10	1200	1	*	52	48	45	3	3	0.1													
4	Ross-on-Wye	223														997.2	+2.6	SW	7	10	49	85	7	5		4-6	4-6	1500	1	*	53	49	44	5	3	0.3														
5	Hartland Point	299	994.3	-16	WSW	7	c	51	85	8	5	-	-	7-8	9	1500	992.9	+4.6	WSW	6	10	47	85	8	5		7-8	7-8	1500	1	*	52	48	46	2	0.1	0.1													
	Bristol	209	993.8	-6	SSW	5	c	51	85	6	5	-	-	10	10	1700	1000.4	+2.4	SW	5	10	48	85	8	5		7-8	7-8	1500	1	*	54	48	41	2	5	0.1													
	Portland Bill	32	1001.9	-2	SW	5	c	48	82	7	5	-	-	10	10	2500	1001.1	-1.2	SW	6	10	48	82	7	5		10	10	2500	1	*	48	46	*	6	-	*													
	Plymouth	82	1000.1	-6	SSW	5	c	50	82	6	5	-	-	10	10	1500	1001.4	+3.0	SW	7	10	49	85	6	2		2-3	7-8	1500	1	*	51	48	47	3	1	0.0													
	The Lizard	240	997.2	-16	SSW	8	c	50	82	6	5	-	-	9	10	1500	1000.8	+3.0	SW	7	10	48	85	6	2		4-6	10	1500	1	*	53	47	*	0.5	1.3														
	Scilly (St. Mary's)	163	994.5	-14	SSW	7	c	51	82	6	5	-	-	4-6	4-6	1500	999.0	+3.0	SW	7	10	48	82	7	5		4-6	7-8	1500	1	*	54	48	*	0.1	3.6														
	Guernsey	175																																																
6	Pembroke	142	992.0	-10	SW	8	c	49	82	6	8	2	-	7-8	9	2500	994.4	+3.8	SW	8	10	49	85	7	8		2-3	2-3	2000	1	*	50	46	*	1	0.2	1.1													
7	Holyhead	26	998.4	-14	S	6	c	49	82	7	5	-	-	9	9	800	998.0	+5.4	SW	5	10	45	85	7	2		1	1	2500	1	*	50	45	43	2	1	0.0													
	Chester (Sealand)	16	991.5	-12	S	4	c	52	85	6	5	-	-	2-3	2-3	5700	991.5	+3.2	SW	6	10	48	85	6	5		1	1	4000	1	*	57	48	42	1	0.3	1.8													
8	Manchester	70	993.2	-2	SE	4	c	51	85	6	5	-	-	7-8	7-8	2800	992.7	+2.2	SW	6	10	48	85	7	8		7-8	7-8	2400	1	*	56	48	44	1	0.1	0.1													
10	Spurn Head	29	995.6	+4	SSW	5	c	46	85	7	-	4	-	0	2-3	-	991.9	-2.0	SSW	5	10	48	85	7	5		4-6	7-8	2500	0	4	48	45	*	0.3	0.0														
	Catterick	175	991.7	0	S	4	c	46	85	5	5	-	-	4-6	4-6	1500	988.8	-1.0	WSW	5	10	47	85	5	5		4-6	4-6	1000	4	0	48	42	36	1	0.5	0.0													
	Tynemouth	108	990.6	+8	S	4	c	44	85	6	5	-	-	7-8	7-8	1500	986.1	-2.0	WSW	6	10	46	85	6	5		7-8	7-8	1500	4	0	42	40	35	1	0.2	*													
11	St. Abbs Head	280	987.1	+6	SW	7	c	43	82	7	4	4	3	4-6	7-8	5700	980.1	-1.2	SE	5	10	40	87	7	5		4-6	8	2000	4	3	44	39	*	14	6	*													
	Leuchars	36	985.0	+16	SW	2	c	43	82	6	5	-	-	4-6	4-6	2500	979.2	-4.2	SE	6	10	41	87	7	8		3	10	3000	3	*	42	39	36	2	2	0.0													
12	Renfrew (Abbots I.)	19	984.5	0	SW	4	c	48	85	6	5	-	-	4-6	4-6	2000	975.2	-5.2	SSW	7	10	48	85	6	5		7-8	8	400	1	*	49	47	43	7	1	0.0													
	Eskdalemuir	794																																																
	Point of Ayre	30	987.2	-2	SW	6	c	50	85	7	5	2	-	7-8	10	1500	984.6	+2.4	WSW	8	10	45	85	7	8		7-8	10	1500	1	5	52	44																	