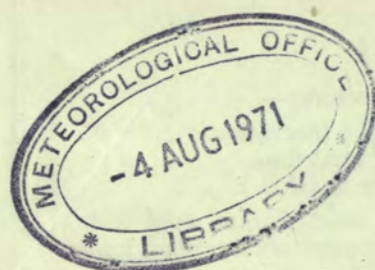


SECRET

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 STATIONS IN GREAT BRITAIN AND IRELAND



FORECAST DISTRICTS and the Counties comprised within them

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

NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT

Standard of Time.—Greenwich Mean Time is exclusively used throughout the Report.

Stations.—*Kew.*—Temperature readings at Kew are taken in a large louvered screen placed against the north wall of the observatory. The thermometer bulbs are at a height of 10 feet above the ground immediately surrounding the building. This ground is raised a few feet above the general level of the Old Deer Park in which the observatory stands.

London Observations.—As from 1st January, 1934, the rainfall measurements at all the London stations where rain gauges are maintained, refer to two periods, day and night. The day period at Kew and Croydon is 7h. to 18h. G.M.T.; at all other stations it is 9h. to 18h. G.M.T.

Point of Ayre.—The first observations are made at 0030 G.M.T. instead of at 0100 G.M.T.

Heights of Stations.—The heights of British Stations above M.S.L. refer to the plot of ground on which the rain gauge is situated.

Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on page 2 of the Report and for intervals of 4 millibars on Page 3.

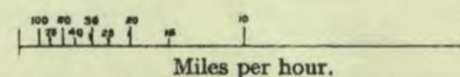
The wind at a height of 1,500–2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1,015 mb; if, however, the isobars are ½ inch apart the corresponding speed is 24 m.p.h.

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

If the distance between consecutive isobars is measured along the scale from the left-hand extremity the geostrophic wind is shown by the scale in miles per hour.

GEOSTROPHIC WIND SCALE FOR

8 mb isobars on 1:4 × 10⁷ Charts.
or 2 mb „ „ 1:10⁷ „



This scale applies under the following conditions:—

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

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

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

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

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

$$x = f - .444(t - f) \text{ for wet bulb readings above } 32^\circ \text{ F.}$$

$$x = f - .400(t - f) \text{ for wet bulb readings below } 32^\circ \text{ F.}$$

where x is the vapour pressure in mb.

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

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

t the dry bulb temperature; and

f 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.)

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FORECAST DISTRICTS and the Counties comprised within them

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

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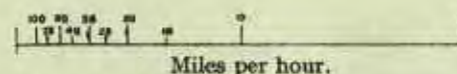
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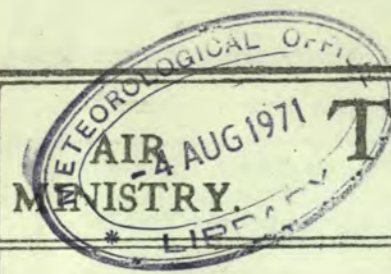
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DUPLICATE



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY
SUPPLEMENT,

January

1941 No. 283

Cold; frequent Snow, unusually Sunless.

With the winds northerly or easterly and the almost complete absence of westerly winds, temperature was continually low. During the first part of the month an anticyclone was either over or to the north or northwest of the British Isles, after which, pressure became low to the Southwest and South for the remainder of the month.

Temperature was well below the average in most places. At Abbotsinch, for instance, it was, with the exception of 1940, the coldest January on record. Severe frost was common. The lowest screen minima recorded were 1° at Eskdalemuir on 6th and at Dalwhinnie on 18th, 2° at Eskdalemuir on 5th, 7° at the same station on 4th, and at Catterick on 5th. Grass readings of -6° occurred at Eskdalemuir on 5th and 6th, -4° at Dalwhinnie on 18th and -1° at Catterick on 5th. Screen minima of 15° or below and in some cases, of less than 10° , were comparatively common. Maxima exceeding 45° were scarce except in the extreme West. At some stations temperature remained below 32° for some 200hrs at the beginning of the month. The maximum of only 16° at Eskdalemuir on 4th is noteworthy. Glazed frost occurred in many places in England round 6th and occasionally later in the month.

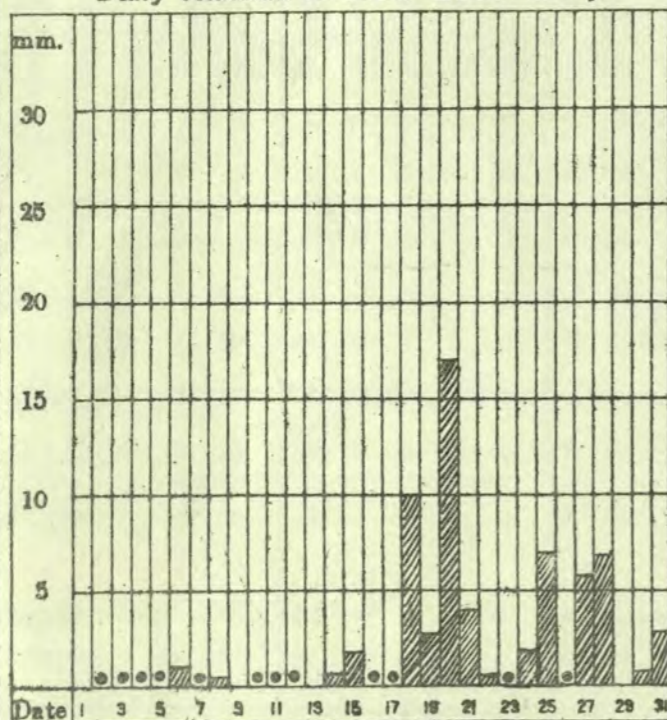
Precipitation, often in the form of snow, exceeded the normal at most stations in the South, but was deficient in Scotland and Northern Ireland. Among the greatest falls reported were 27mm at Catterick on 21st, 25mm at Bristol and Birmingham and 24mm at Valentia on 18th. At Eskdalemuir and Abbotsinch it was the driest January on record. Snow occurred in some part of the British Isles almost daily, mostly in the form of showers during the first part of the month, but there were heavier falls between the 14th and 18th.

Sunshine totals were low in most areas except at a few stations in the extreme North and West. Lymington, Shoeburyness and Cranwell had the lowest totals on record for these stations.

Gales were fairly frequent especially in the middle of the month and were mostly from an easterly point, though southerly in the extreme North early in the month. A gust of 82mph from East occurred at Holyhead on 20th.

Thunder occurred occasionally, mainly on the coasts, and hail on a few days in the North and West, though soft hail was rather common.

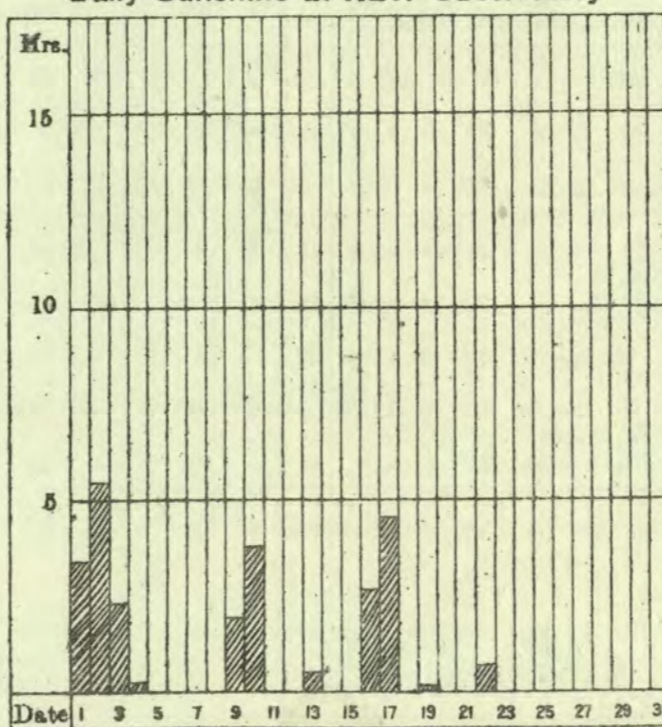
Daily Rainfall at Kew Observatory.



• = Less than 0.5 mm.

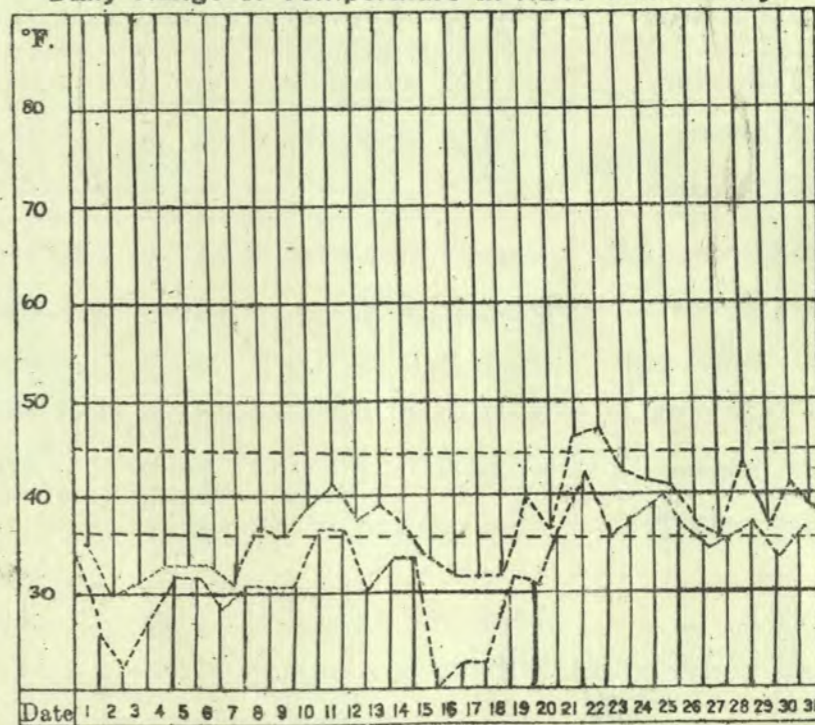
RAINFALL Total for Month. 64.6 mm.

Daily Sunshine at Kew Observatory



SUNSHINE Total for Month. 26.2 hrs.

Daily Range of Temperature at Kew Observatory.



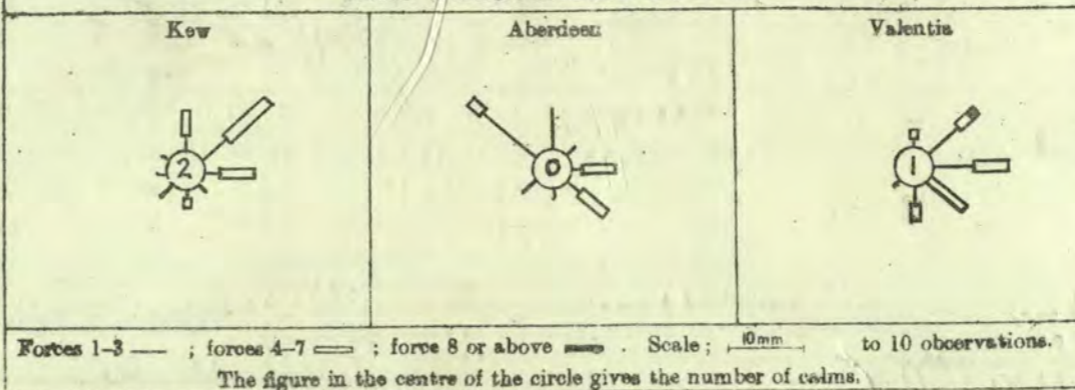
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1010.4	mb. -7.2	34.7°	-6.6°
Aberdeen	1015.5	+4.7	33.3°	-6.2°
Valentia	1008.6	-6.4	40.5°	-4.8°

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

WIND FREQUENCIES AT 7 hr.



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

	miles.
Kew ...	7978
Aberdeen ...	7184
Lerwick ...	13365
Valentia ...	9258

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

DISTRICT.	STATIONS.	↑ TEMPERATURE.													LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																				
		Number of daily readings within fixed limits.							Extreme—Warmest and Coldest.					Number of observations within fixed limits.			Number of observations within fixed limits.																								
									Days.		Nights.			7 h.	13 h.	18 h.	7 h.			13 h.																					
		Maximum.			Average Maximum.	Minimum.			Average Minimum.	Highest Max.	Lowest Max.	Highest Min.	Lowest Min.	Number of Ground Frosts.	Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	Below 1,000 ft.	1,000–5,000 ft.	5,000–8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.								
32° or below	35°–41°	42°–50°	51°–59°	60°–68°		23° or below.	24°–32°	33°–41°		42°–50°	51°–59°	Date.	Date.		Date.	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.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.									
1	London (Kew Obsy). Croydon Calshot** (Southampton) Lympe	6 7 3 9	20 20 16 17	5 4 10 5	0 0 0 0	0 0 0 0	45.2 44.9 46.1 43.4	4 4 1 3	11 13 14 17	15 13 15 11	0 0 0 0	0 0 0 0	57.5 37.1 38.4 35.9	47 49 48 44	22 22 22 22.23	30 29 31 27	2 7 7 7	43 43 40 41	22 22 22 22	20 15 23 15	16 16 16 17	18 14 16 19	1 10 10 18	30 20 19 11	0 0 0 0	0 14 15 20	0 16 17 9	0 10 5 19	27 16 17 8	0 1 5 3	5 8 3 6	0 1 2 9	0 0 2 6	2 12 2 10							
2	Shoeburyness Gorleston Cranwell	7 5 7	21 24 22	3 2 2	0 0 0	0 0 0	45.2 44.3 43.3	3 3 4	13 12 20	15 16 7	0 0 0	0 0 0	35.4 36.8 34.7	48 45 43	22 22 12	23 31 23	2 17 18	40 39 38	22 18 11	13 17 17	18 13 20	13 7 13	16 22 12	0 11 17	15 20 12	0 0 0	14 9 16	13 17 12	0 9 16	2 17 12	3 0 16	2 5 2	7 5 2	0 0 0	1 2 4	5 7 8	9 0 5				
3	Birmingham (Edgbaston)	9	18	4	0	0	43.2	2	19	10	0	0	36.0	44	13	28	18	36	11 12	20	3	22	19	7	0	18	11	0	17	9	0	0	3	14	13	0	1	2	7	9	0
4	Ross-on-Wye	5	22	4	0	0	45.5	1	16	14	0	0	37.2	45	22	30	2	39	29 25	21 28	3 4	17	15	16	0	15	13	0	17	11	0	0	2	6	4	4	0	1	5	7	8
5	The Lizard	3	10	18	0	0	*	0	9	14	8	0	*	52	24	31	5	46	28 25	25 4	*	*	0	30	0	1	30	0	0	31	0	0	0	0	25	0	0	0	0	25	
7	Holyhead	0	19	12	0	0	46.4	1	8	22	0	0	41.6	49	28	34	4 5	41	11 12	22 5	10	2	26	0	2	23	4	3	25	0	0	0	1	13	0	0	0	3	17		
8	Chester (Sealand)	4	24	3	0	0	46.0	5	12	14	0	0	36.9	44	13	27	5	38	14	9 5	17 18	16	4	22	0	10	16	1	8	16	1	0	1	2	4	2	0	1	6	12	2
10	Tynemouth	4	19	8	0	0	44.1	5	6	13	1	0	37.3	44	11	23	1	42	11	18 18	13	0	29	0	2	28	0	0	30	0	0	0	2	1	11	0	0	5	0	14	
11	Leuchars	5	23	3	0	0	43.4	6	9	16	0	0	34.4	44	13	24	6	36	11,13 30,31	11 6	19	4	21	0	7	20	0	6	20	0	0	0	0	12	0	0	0	1	14		
12	Renfrew	7	20	4	0	0	43.6	11	8	12	0	0	35.3	45	13	20	6	37	25 13	9 20	18	20	6	20	0	4	21	1	5	22	1	2	1	4	3	0	1	1	7	1	7
	Eskdalemuir	14	16	1	0	0	40.7	7	15	9	0	0	32.4	43	13	16	4	37	11	1 16	6 13	22	13	13	0	9	19	0	13	16	0	0	0	1	0	13	0	0	0	0	17
13	Stornoway	2	17	12	0	0	44.6	2	9	18	2	0	37.8	47	21	31	16	43	9 16	23 13	*	0	30	0	1	30	0	1	30	0	0	0	0	27	0	0	0	0	29		
15	Aberdeen	7	21	3	0	0	43.1	6	7	18	0	0	35.8	44	13 13	23 23	16 16	40	12 13	11 3	15	1	28	0	0	28	0	1	26	0	0	0	1	3	11	0	0	2	1	13	
18	Aldergrove	2	27	2	0	0	*	5	12	14	0	0	*	44	11	28	17	39	29 10	14 12	16	22	8	22	1	6	23	1	6	22	1	0	0	0	3	15	0	0	1	5	14
19	Birr Castle	0	21	9	1	0	46.4	4	11	14	2	0	37.4	51	28	33	6	43	30 24,25	20 27,28	6 12	14	0	27	0	0	27	0	0	26	0	0	0	0	23	0	0	0	2	29	
20	Valentia (Cahiriveen)	0	8	21	2	0	49.0	0	8	15	8	0	42.3	52	28	38	20	45	24,25 27,28	29 12	10	0	30	0	1	29	0	0	30	0	0	0	0	28	0	0	1	0	29		

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	26	51	76	Above 100	*No. of Obs.	6	26	51	76	Above 100	*No. of Obs.	6	26	51	76	Above 100	*No. of Obs.	6	26	51	76	Above 100	Height.																	
											to 25	to 50	to 75	to 100			to 25	to 50	to 75	to 100			to 25	to 50	to 75	to 100			to 25	to 50	to 75	to 100			to 25	to 50	to 75	to 100	to 25	to 50	to 75	to 100	to 25	to 50	to 75	to 100	Metres.				
										kilometres per hour.										kilometres per hour.										kilometres per hour.										kilometres per hour.										Metres.	
950	1800	38.3	30.4	58	32.3	54		500 above ground.	15	0	9	5	1	0	36	11	20	3	2	0	32	9	16	5	0	1	53	18	30	3	2	0	500 above ground.																		
850	4630	30.7	24.6	62	26.1	57		1000 above M.S.L.	9	1	3	2	3	0	16	5	9	2	0	0	18	7	10	0	0	0	32	5	20	5	2	0	1000 above M.S.L.																		
750	7310	21.4	17.5	62	18.4	56		2000 " "	5	1	2	1	1	0	9	3	3	3	0	0	11	6	3	2	0	0	11	3	7	1	0	0	2000 " "																		
650	11510	9.4	5.9	62	7.0	56		3000 " "	2	1	1	0	0	0	4	1	2	0	1	0	4	1	3	0	0	0	4	2	2	0	0	0	3000 " "																		
550	15620	-5.8	-8.3	62	-7.3	56		4000 " "	2	0	1	1	0	0	0	0	0	0	0	0	2	1	1	0	0	0	3	2	1	0	0	0	4000 " "																		

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

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

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

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

SUNSHINE, RAINFALL, AND HUMIDITY

January 1941

Page 3.

Division.	STATIONS.	SUNSHINE.												RAINFALL.														Days with Thunder.	Days with Snow or Sleet.							
		Number of Days with Duration.					Maximum Duration.		Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Highest and Lowest Totals on record for Month.			† Number of days with amount.					Maximum fall in 24 hrs.		Total for past 12 months.	Difference from Average.	Total for Month.†	Difference from Average.	Highest and Lowest Totals on record for Month.									
		Nil.	0-1-3h.	3-1-6h.	6-1-9h.	Above 9h.	Hours.	Date.	Hours.	Hours.	Hours.	Hours.	First year of record.	Highest.	Year.	Lowest.	Year.	0, trace or 0.1 mm.	0.2-1 mm.	1-1-5 mm.	5-1-15 mm.	15-1-25 mm.	Above 25 mm.	mm.	Date.	mm.	mm.			mm.	mm.	First year of record.	Highest.	Year.	Lowest.	Year.
							Hours.	Hours.	Hours.	Hours.		Hrs.	{1891 1905}	Hrs.											mm.		mm.	mm.	mm.		mm.					
1	London ... (Kew Obsy). Croydon ... Calshot** ... (Southampton) Lympne ...	20	7	4	0	0	5.5	2	16.11	+142	26	-18	1880	74	1885	16	1885	14	7	5	4	1	0	17	20	659	+53	64	+19	1856	124	1877	11	1892	0	11
		20	7	4	0	0	6.0	10	16.03	+78	29	-19	1922	67	1927	25	1935	14	8	6	3	0	0	13	20	668	-11	49	-3	1921	137	1937	29	{1935 1929}	0	11
		18	0	7	4	0	7.7	17	18.86	+140	59	-6	1881	93	1891	19	1885	16	4	2	7	0	0	14	20	744	+38	75	+23	1871	207	1906	14	1898	0	7
		22	5	2	2	0	7.7	10	17.38	-27	33	-25	1921	31	1940	37	1936	8	10	10	2	1	0	16	20	673	-51	71	+15	1920	124	1939	30	1929	0	5
2	Shoeburyness ... Gorleston ... Cranwell ...	22	4	3	2	0	6.7	9	16.47	-65	32	-25	1919	77	1923	38	1929	11	3	8	3	0	0	15	20	571	+68	62	+28	1920	93	1937	23	1932	1	11
		20	4	7	0	0	5.8	9	15.83	-60	35	-21	1908	84	1910	27	1915	10	12	6	3	0	0	13	2	622	0	44	0	1871	142	1939	3	1880	0	12
		20	7	4	0	0	6.0	9	15.37	-1	30	-25	1921	69	1932	37	1929	8	11	6	6	0	0	13	18	595	+5	68	+24	1917	95	1939	18	1932	0	16
3	Birmingham ... (Edgbaston)	21	7	3	0	0	5.7	17	14.07	+103	29	-15	1887	73	1905	8	1917	9	8	10	3	0	1	26	18	851	+177	95	+44	1893	148	1939	21	1908	0	21
4	Ross-on-Wye ...	19	7	1	4	0	6.9	16	15.28	+43	40	-15	1915	91	1933	34	1921	9	10	2	7	3	0	22	18	771	+54	107	+45	1859	156	1869	7	1898	0	9
5	Falmouth ... (Observatory)	10	14	5	2	0	7.0	2	18.09	+99	55	-5	1881	87	1885	22	1884	14	0	8	6	3	0	22	30	1096	-11	119	+12	1871	246	1875	25	1880	2	4
7	Holyhead ...	10	12	9	0	0	6.2	5	15.59	+9	57	+6	1914	102	1933	29	1914	13	6	8	4	0	0	15	18	815	-72	69	-5	1871	190	1877	19	1880	0	8
8	Chester ... (Sealand)	18	8	4	1	0	6.5	17	14.77	+101	33	-20	1923	71	1933	33	1938	13	6	6	4	2	0	17	18	809	+71	88	+41	1922	155	1936	31	1929	0	12
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*	8	7	11	5	0	0	17	21	771	+50	85	+44	1916	107	1939	15	1932	1	10
11	Leuchars ...	18	7	4	2	0	6.9	16	13.60	-110	35	-23	1922	84	1931	32	1926	17	2	8	3	1	0	22	21	732	+79	69	+23	1922	124	1928	22	1929	0	9
12	Renfrew ... Eskdalemuir ...	18	10	3	0	0	5.7	17	12.13	+20	26	-8	1921	49	1931	9	1940	19	5	7	0	0	0	4	21	907	-32	23	-62	1921	241	1928	42	1929	0	10
		13	13	3	2	0	6.4	17	12.82	+81	44	+9	1910	57	1940	12	1913	12	12	4	3	0	0	13	21	1345	-84	42	-95	1910	394	1928	56	1929	0	15
13a	Stornoway	11	15	4	1	0	7.0	20	10.81	-134	43	+16	1881	60	1939	12	1907	12	6	4	8	0	1	26	16	1031	-235	74	-57	1870	373	1872	33	1881	0	10
15	Aberdeen ...	15	10	6	0	0	4.9	16	13.01	-28	31	-16	1881	85	1881	15	1885	11	6	10	4	0	0	12	21	913	+165	64	+9	1871	125	1937	16	1905	0	14
18	Aldergrove ...	15	7	7	2	0	6.2	2	12.00	*	51	*	1927	64	1928	27	1938	17	4	5	1	0	0	9	21	896	+58	37	-33	1926	130	1928	31	1935	0	9
19	Birr Castle ...	16	7	7	1	0	6.5	2	13.08	+2	43	-6	1881	91	1897	24	1884	13	9	6	2	1	0	19	20	828	+1	56	-16	1862	148	1890	17	1881	5	7
20	Valentia ... (Cahirciveen)	8	15	6	2	0	6.5	2	15.95	+231	60	+16	1880	128	1881	16	1898	10	6	7	5	2	1	47	19	1331	-83	164	+25	1866	296	1937	27	1935	*	*

MINIMUM SURFACE HUMIDITY.

No. of Days (MDT. to MDT.) WITH MINIMA BETWEEN FIXED LIMITS.

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

STATE OF GROUND AT 16 h.

No. of Days Each Type was Recorded.

STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.
London (Kew)	0	13	0	5	1	0	0	1	5	0	0 Dry.
Ross-on-Wye	0	10	0	5	10	0	3	2	1	0	1 Wet.
Renfrew...	0	13	0	0	1	0	1	2	14	0	2 Flooded.
Eskdalemuir	0	6	0	0	5	0	3	5	12	0	3 Frozen hard and dry.
Aberdeen...	0	14	0	0	1	0	2	1	8	5	4 Partly covered with snow or hail.
Valentia...	3	26	0	2	0	0	0	0	0	0	5 Covered with ice or glazed frost.
											6 Covered with thawing snow.
											7 Covered with snow, less than 6 ins., but ground not frozen.
											8 Covered with snow, less than 6 ins., and ground frozen.
											9 Covered with snow, greater than 6 ins. deep.

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

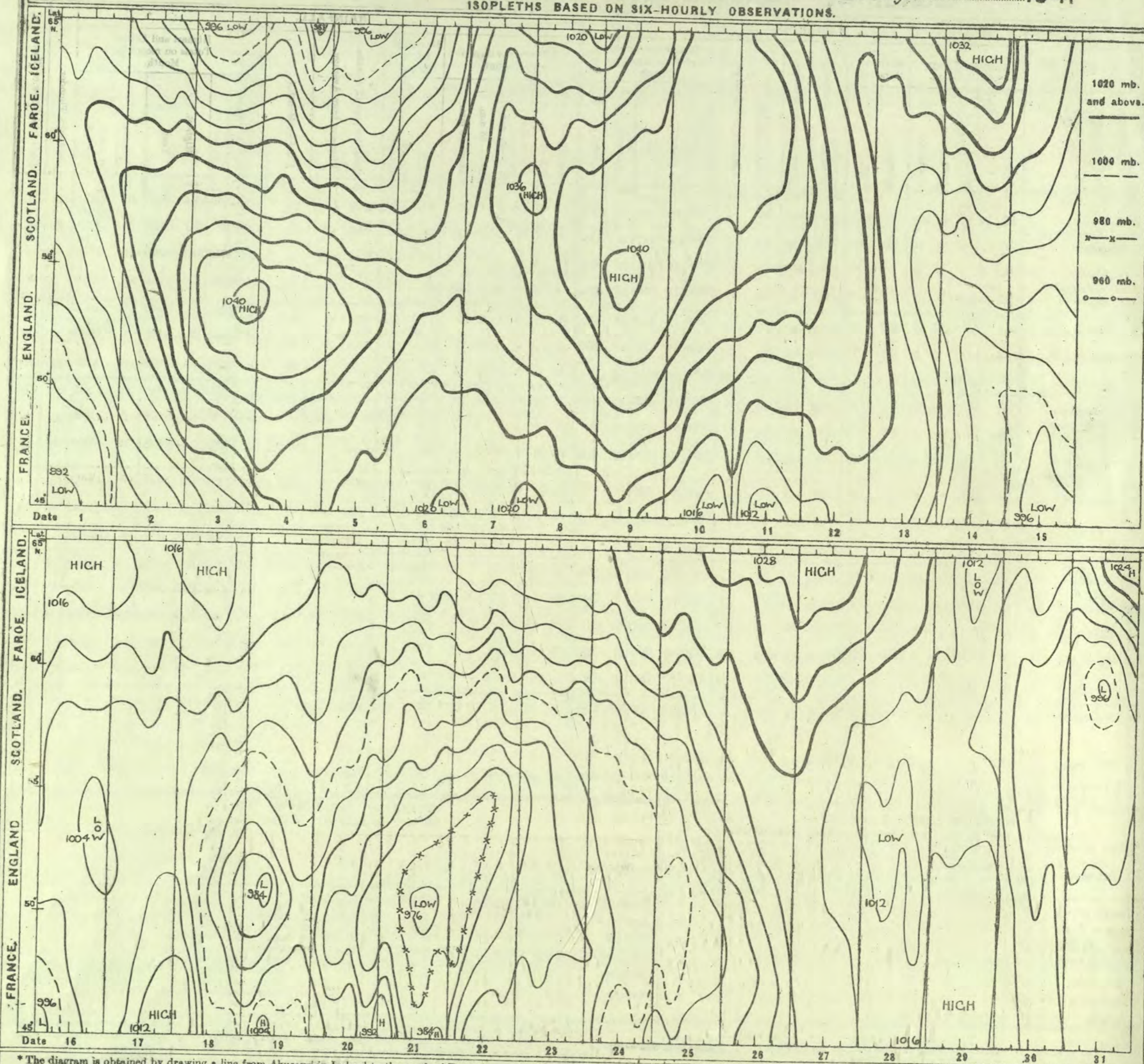
† Based in part on reports made by telegraph in which the day and night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0.1 mm.

PRESSURE: ICELAND TO GULF OF LIONS

January

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 18h. are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 66° N., Long. 18° W., in the north; at Lat. 44½° N., Long. 4° E., in the south.

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday 1st January 1941.
No. 28,825

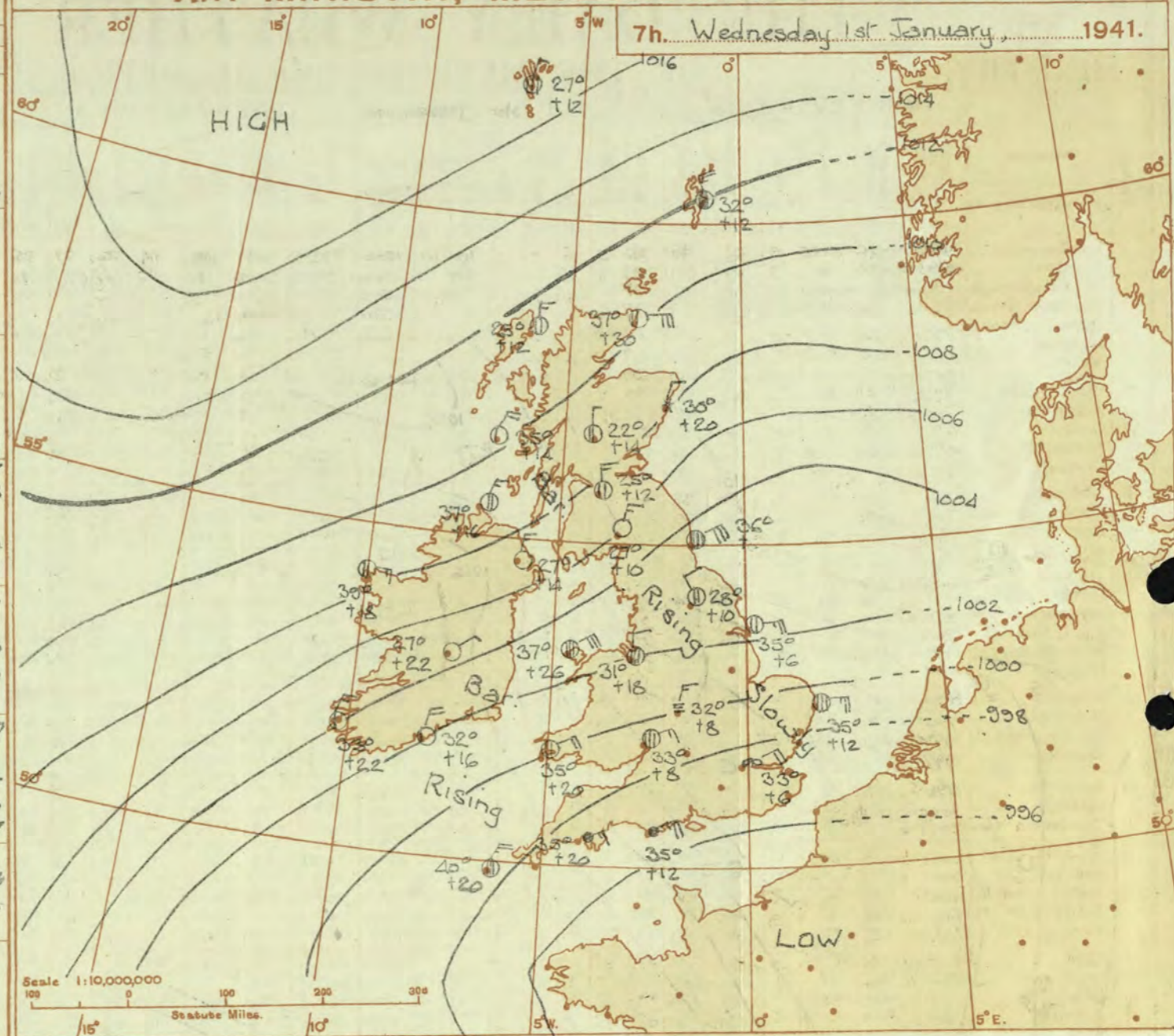
OBSERVATIONS at 13h. G.M.T. 31st December														OBSERVATIONS at 18h. G.M.T. 31st December														PAST 24 HOURS.						
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visib. 0-10 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visib. 0-10 (22)	Cloud.				Barom. at M.S.L. (29)	State of Ground. (30)	WEATHER.						
				Dir.	Force. 0-12 (4)					Form.	Amount. 0-10 (11)	Height of Base. (feet) (14)	Dir.			Force. 0-12 (18)	Form.					Amount. 0-10 (25)	Height of Base. (feet) (28)	7h.—18h. 31st. (37)	18h.—18h. 31st. (38)			18h.—18h. 31st. (39)	1h.—7h. 1st. (40)					
1	London (Kew)...	993.7	-26	ENE	4	dr	42	85	5	5	-	10	10	1500	993.5	+4	NE	4	zo	39	85	5	5	-	10	10	1500	1	*	cidmo	cidmo	cz	cz	
	Croydon ...	993.9	-34	E	3	dr	41	97	5	6	-	10	10	300	992.8	+22	NE	5	c/d	38	92	5	6	2	-	7.8	10	700	1	*	fdro	cidmo	cm	cm
	S. Farnborough ...	993.6	-30	ENE	2	dr	41	97	3	6	2	-	7.8	10	500	993.2	+8	NE	3	ir	39	92	5	5	-	10	10	1100	1	*	modmrd	cidmo	cm	m.c
	Boscombe Down ...	993.2	-26	NE/N	3	dr	41	97	5	6	-	10	10	500	993.0	+12	NE	3	dr	39	97	5	5	-	10	10	300	1	*	cidmo	cidmo	sig chng	cm	
	Calshot (Soton.) ...	992.6	-34	NE/E	2	dr	44	92	5	6	2	-	7.8	10	800	992.1	+6	NE	2	zo	41	85	6	5	-	10	10	1800	1	2	cidmo	cidmo	cidmo	cm
	Lymington ...	992.7	-34	ENE	3	dr	40	97	6	6	2	-	9	10	450	992.6	-10	ENE	2	zo	37	92	6	5	-	10	10	500	1	*	cidmo	cidmo	cidmo	cm
	Manston ...	994.2	-30	ENE	4	dr	39	97	6	6	2	-	9	10	600	992.1	-2	NE	5	zo	38	92	6	5	-	10	10	1100	1	*	cidmo	cidmo	cidmo	cm
2	Shoeburyness ...	995.5	-28	NE/E	3	dr	40	92	5	5	-	10	10	800	994.0	0	ENE	5	c	39	85	6	5	-	10	10	1500	1	3	cidmo	cidmo	cm	cm	
	Felixstowe ...	995.2	-26	E/N	5	c	39	85	8	6	-	10	10	1600	993.6	-2	NE/E	6	c	39	75	7	5	-	10	10	2000	1	4	c	c	c	c	
	Gorleston ...	997.7	-22	E/S	4	c	39	75	7	8	-	10	10	1500	995.9	0	E/N	5	c	37	85	7	8	-	9	9	1500	1	*	c	c	c	c	
	Mildenhall ...	995.5	-22	E/N	4	c	40	85	8	5	7	-	9	10	800	994.8	+2	ENE	4	c	37	85	7	5	-	9	10	1600	1	*	c	c	c	c
	Cranwell ...	997.8	-8	ESE	2	c	39	92	7	5	-	9	9	800	996.8	+4	ENE	2	zo	37	85	6	5	-	10	10	800	1	*	cidmo	cidmo	cm	cm	
3	Birmingham ...	996.1	-14	NE	3	o	38	92	4	6	-	10	10	800	996.2	+2	NE	3	m	37	85	4	6	-	10	10	800	1	*	fomir	cidmo	cm	cm	
	Upper Heyford ...	995.5	-22	NE	3	zo	39	97	5	5	-	10	10	200	994.7	+6	ENE	3	zo	37	85	6	5	-	10	10	1600	1	*	cidmo	cidmo	cm	cm	
4	Ross-on-Wye ...	994.8	-26	ENG	3	zo	39	92	5	5	-	10	10	800	994.7	0	NNE	3	dr	38	92	5	5	-	10	10	800	1	*	cidmo	cidmo	cm	cm	
5	Hartland Point ...	992.4	-26	ENE	3	c	44	97	7	5	2	-	9	10	1000	992.9	+8	NE	4	ir	40	97	7	8	2	-	7.8	10	1500	1	3	cidmo	cidmo	cm
	Bristol ...	994.4	-24	ENE	3	c/d	41	92	6	5	2	-	9	10	600	994.0	+4	NE	3	ir	39	97	4	6	2	-	7.8	10	600	1	3	cidmo	cidmo	cm
	Portland Bill ...	991.7	-36	NE	2	ir	48	85	7	5	-	10	10	1500	1001.9	+10	NE	2	o	43	85	7	5	-	10	10	1500	1	3	cidmo	cidmo	cm	cm	
	Plymouth ...	992.2	-26	N	1	ir	48	97	5	6	2	-	9	10	200	992.4	+8	ENE	2	ir	45	85	5	6	2	-	4.6	10	200	1	1	cidmo	cidmo	cm
	The Lizard ...	992.0	-20	N	2	ir	46	97	8	6	2	-	9	10	1700	992.2	+4	WNW	3	c	48	97	8	8	2	-	7.8	10	2000	1	3	cidmo	cidmo	cm
	St. Mary's ...	993.1	-10	N	3	c	48	97	8	8	2	-	9	10	1500	992.5	0	WNW	4	c/d	48	97	6	8	2	-	7.8	10	1500	1	2	cidmo	cidmo	cm
	Guernsey ...	993.1	-10	N	3	c	48	97	8	8	2	-	9	10	1500	992.5	0	WNW	4	c/d	48	97	6	8	2	-	7.8	10	1500	1	2	cidmo	cidmo	cm
6	Pembroke ...	994.3	-12	NE/N	3	ir	43	97	6	8	2	-	7.8	10	1500	994.7	+6	NE	4	c	41	85	7	8	2	-	7.8	10	2000	1	2	c	c	bc
7	Holyhead ...	996.8	-12	NE	5	zo	41	85	6	5	2	-	9	10	1800	997.2	+12	NE/E	5	bc/pr	40	85	6	8	-	-	4.6	4.6	2500	1	3	mo	mo	bc
	Chester (Sealand) ...	997.0	-20	NE	2	m	39	85	4	5	3	-	9	10	2000	996.9	+2	NNE	4	m	38	85	4	5	-	-	10	10	4900	1	*	mo	mo	bc
8	Manchester ...	997.5	-18	NE	3	zo	38	75	5	8	-	9	9	1700	996.9	+2	NE/N	4	ir	37	75	4	5	3	-	7.8	10	2000	1	*	mo	mo	bc	
10	Spurn Head ...	996.5	-20	E	4	c	39	85	6	5	5	1	4.6	9	2500	996.0	0	ENE	4	c	37	75	7	5	-	-	9	9	1500	0	3	c	c	bc
	Catterick ...	1000.0	-14	NNE	3	ir	34	97	5	2	2	-	4.6	7.8	600	999.2	-2	NNW	2	ir	33	92	4	5	2	-	4.6	10	800	1	3	ir	ir	bc
	Tynemouth ...	1001.0	-12	E	3	c/p	38	85	8	2	2	-	4.6	7.8	1500	1000.2	-2	N	4	c/p	36	85	7	2	-	-	7.8	7.8	2200	1	2	ir	ir	bc
11	St. Abbs Head ...	1001.4	-8	NNE	3	ir	35	92	8	5	4	-	4.6	9	2000	1000.9	+4	NE	3	psh	34	92	8	5	2	-	4.6	7.8	2000	6	2	bc	bc	bc
	Leuchars ...	1002.5	-12	WNW	2	zo	32	75	6	8	4	-	2.3	4.6	2500	1002.2	+2	N	3	bc	31	92	7	8	-	-	2.3	2.3	1500	4	*	bc	bc	bc
12	Reutrow (Abbots L.) ...	1003.0	-14	NE/E	2	b	34	65	9	4	7	-	4.6	7.8	2500	1003.2	+2	NNE	2	b	32	75	8	2	-	-	1	1	3000	3	*	bc	bc	bc
	Eskdalemuir ...	1001.2	-14	NE	3	bc	31	85	6	5	-	-	4.6	4.6	1500	1001.0	+2	NE	3	b	29	85	7	-	-	-	0	0	Tr	-	4	bc	bc	bc
	Point of Ayre ...	999.0	-12	ENE	5	c/p	38	85	7	5	7	-	7.8	9	1500	1000.1	+8	ENE	1	bc	37	85	8	9	-	-	2.3	2.3	2500	1	3	bc	bc	bc
13a	Tiree ...	1003.6	-6	NE/N	3	b	37	65	5	1	-	-	1	1	3500	1003.7	+2	NNE	6	b	36	65	9	1	4	-	Tr	Tr	4000	3	3	bc	bc	bc
13b	Stornoway ...	1006.4	-6	N	2	c	32	85	3	7	-	-	7.8	7.8	2800	1006.7	+8	N	1	c	26	92	7	8	-	-	7.8	7.8	2500	8	0	bc	bc	bc
15	Dalwhinnie ...	1003.0	-10	NNE	1	c	26	92	8	8	-	-	7.8	7.8	2500	961.4	+10	NNE	1	c	26	92	7	8	-	-	7.8	7.8	2500	8	0	bc	bc	bc
	Aberdeen ...	1003.2	-10	NW/N	2	c/p	31	97	7	9	-	-	9	10	1500	1003.8	+6	NW	3	ps	31	92	7	9	-	-	10	10	1500	4	2	bc	bc	bc
	Wick ...	1004.4	-4	E	1	c	37	65	8	8	7	1	4.6	7.8	1500	1004.0	-2	NNE	5	c	36	65	8	8	-	-	7.8	7.8	1500	4	2	bc	bc	bc
16	Lerwick ...	1006.3	-2	ENE	4	c	31	85	8	8	7	-	4.6	7.8	800	1006.6	+4	NE/E	5	c	31	85	7	8	7	-	4.6	7.8	800	8	*	bc	bc	bc
17	Blacksod Point ...	1001.3	-2	ENE	6	c	40	75	8	2	9	-	2.3	2.3	4000	1002.5	+10	ENE	5	b	38	75	8	2	-	-	1	1	4000	0	3	bc	bc	bc
18	Malin Head ...	1002.3	-6	NE	3	bc	38	65	8	1	7	-	2.3	4.6	5700	1003.0	+12	NE	4	bc	37	65	8	5	-	-	2.3	2.3	5700	0	2	bc	bc	bc
	Aldergrove ...	1001.1	-8	NE/N	3	bc	35	75	8	2	-	-	2.3	4.6	2500	1002.0	+14	NNE	3	b	31	85	7	-	-	-	0	0	Tr	-	1	bc	bc	bc
19	Birr Castle ...	998.9	-6	ENE	2	c	40	85	8	5	7	-	7.8	9	1500	999.8	+10	NE	2	c	35	85	8	5	-									

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 31st December 1940				01h. G.M.T. 1st January 1941			
III	C	wwVhN	DDFWN	III	C	wwVhN	DDFWN
109	3	3425	04185	2	01854	39484	
115				52	88744	08485	
203				30	01943	08213	
206	36	0844	02114	20	00752	00082	
210	2	01954	20284	3	83638	68418	
220				8	26846	20286	
230	80	01951	02201	50	01851	04201	
245	80	00953	32403	50	00861	04201	
260	50	05563	00013	50	00861	04201	
277	50	02973	03325	50	00861	04201	
279	8	26857	04487	50	01853	02313	
285	9	83537	06387	50	01754	04314	
288	5	74438	04278	50	01754	04314	
273				50	01754	04314	
301	83	81657	06387	53	68555	04375	
321	6	68528	02278	52	21554	04267	
299				5	23648	08278	
292	87	02835	03357	5	71658	03288	
310	--	44203	32549	--	46203	32549	
316	62	22426	02268	8	02545	07387	
333	5	05657	04327	5	05557	04327	
334				5	05557	04327	
340	57	05645	04367	5	61548	05268	
136	57	02844	08467	5	01854	08314	
336	51	51754	32458	52	05644	04328	
350	5	21638	04358				
368							
379	5	4638	06348	5	21528	06458	
390	62	05636	04468				
382	02	52638	03258	5	21548	04358	
458	5	67203	02369	62	05536	02368	
430				5	05658	04428	
409	--	57103	31163	5	57208	32258	

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

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

- 1 S.E. England
- 2 E. England ...
- 3 E. Midlands ...
- 4 W. Midlands ...
- 5 S.W. England
- 6 South Wales ...
- 7 North Wales ...
- 8 N.W. England
- 9 N. Midlands ...
- 10 N.E. England
- 11 S.E. Scotland
- 12 S.W. Scotland & Isle of Man.
- 13 { A. W. 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

Moderate or fresh east to northeast winds, strong locally on east coasts.
Local snow showers, mainly on eastern coasts and on high ground, some bright intervals. Cold with temperatures near the freezing point by day and keen frost at night.

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

GENERAL INFERENCE.

A trough of low pressure over the western part of the English Channel is moving away southwards, and pressure is rising generally over the British Isles. There will be cold northeasterly winds in all districts with local snow showers more particularly on eastern coasts and on high ground. The cold weather is expected to persist for 2 or 3 days at least.

FURTHER OUTLOOK.

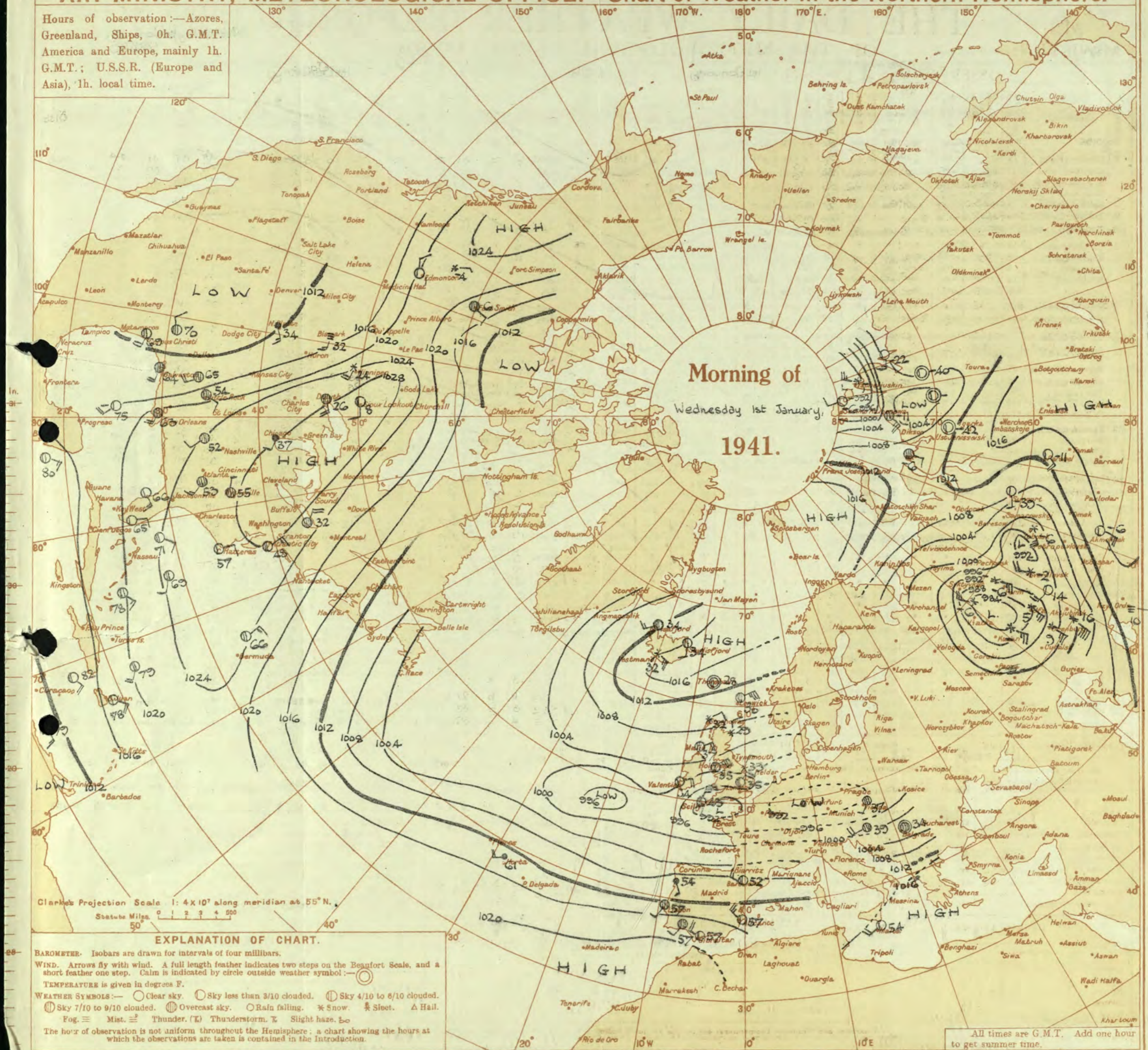
Cold northeasterly winds persisting for several days.

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

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

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

Hours of observation:—Azores, Greenland, Ships, 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

Wednesday 1st January 1941.
No. 28695

OBSERVATIONS at 1 hr. G.M.T. 1st January														OBSERVATIONS at 7 hr. G.M.T. 1st January														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. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	TEMPERATURE.					RAINFALL.		Sun-shine Hrs.										
					Dir.	Force.					Form.	Amount.	Height of Base (feet).				Dir.	Force.					Form.	Amount.	Height of Base (feet).				Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.												
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	338.2	+6	NE	4	3	34	75	6	5	-	-	10	10	2500	1	45	34	31	0.4	-	0.0										
	Croydon	217	335.5	+12	NE	4	35	75	5	5	7	-	4-6	4-6	1500	337.6	+6	NE	4	33	75	5	5	-	-	10	10	1500	1	44	32	32	1	-	0.0										
	S. Farnborough	226	335.5	+14	NE	3	35	75	5	5	-	-	10	10	2500	338.2	+6	NE	2	33	75	5	5	-	-	10	10	3000	1	44	31	31	1	-	0.0										
	Boscombe Down	417	335.5	+12	NE	3	35	75	5	5	-	-	10	10	2500	338.2	+6	NE	2	33	75	5	5	-	-	10	10	3000	1	44	31	31	1	-	0.0										
	Calshot (Stmntn.)	8	335.5	+12	NE	4	35	75	5	5	-	-	10	10	2500	337.5	+6	NE	4	34	85	6	5	-	-	10	10	2100	1	45	34	33	3	-	0.0										
	Lympne	346	335.7	+14	NE	4	36	75	5	5	-	-	10	10	1500	337.1	+8	NE	3	34	85	6	5	-	-	10	10	1600	1	45	34	33	3	-	0.0										
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	336.2	+8	NE	4	3	35	85	8	5	-	-	10	10	1500	1	51	34	28	0.1	-	0.0										
	Felixstowe	15	336.8	+12	NE	5	35	75	7	5	-	-	8+	9	2700	338.7	+10	NE	5	35	75	7	5	-	-	10	10	2000	1	47	34	33	Tr	-	0.0										
	Gorleston	5	336.8	+10	NE	5	35	80	5	8	-	-	7-8	7-8	1500	1000.4	+12	NE	5	35	65	7	5	-	-	7-8	7-8	1500	1	41	34	33	-	-	0.0										
	Mildenhall	19	337.8	+14	NE	2	35	85	7	5	-	-	10	10	2000	339.3	+10	NE	2	35	85	7	5	-	-	7-8	7-8	3000	3	42	28	20	-	-	0.0										
	Cranwell	240	339.7	+12	NE	2	35	92	6	5	-	-	10	10	2000	1002.1	+18	NE	2	35	85	6	5	-	-	2-3	2-3	2000	3	40	30	27	0.2	-	0.0										
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1001.3	+8	NE	3	32	92	3	5	-	-	7-8	7-8	1500	1	38	32	28	0.3	-	0.0											
	Upper Heyford	408	337.3	+8	NE	3	34	75	5	5	-	-	10	10	2500	339.4	+10	NE	3	35	85	5	5	-	-	7-8	7-8	1500	3	42	30	20	0.1	-	0.0										
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1000.1	+8	NE	3	35	75	6	5	-	-	10	10	1500	1	42	33	31	0.1	-	0.0											
	Hartland Point	299	334.6	+12	NE	4	37	92	6	5	2	-	7-8	10	1500	337.2	+18	NE	5	36	85	7	8	-	-	7-8	3+	1500	1	48	34	33	4	7	0.0										
5	Bristol	209	337.2	+12	NE	3	35	85	6	5	-	-	10	10	1400	339.5	+16	NE	3	32	85	6	5	-	-	10	10	2200	1	46	32	29	1	-	0.0										
	Portland Bill	32	334.5	+8	NE	4	42	92	7	5	-	-	10	10	1500	336.3	+12	NE	5	35	85	7	5	-	-	10	10	1500	1	50	32	29	1	-	0.0										
	Plymouth	82	334.4	+4	NE	4	37	92	5	5	-	-	10	10	3000	336.8	+20	NE	3	35	85	6	5	-	-	10	10	6000	1	49	34	33	3	7	0.0										
	The Lizard	240	332.0	-4	NE	6	41	87	6	5	-	-	10	10	1000	335.3	+20	NE	3	33	97	6	5	-	-	10	10	1500	1	48	38	38	2	19	0.0										
	Scilly (St. Mary's)	163	333.0	+8	NE	5	40	92	6	5	2	-	7-8	10	8000	336.3	+20	NE	3	40	85	7	5	-	-	7-8	3+	12000	1	49	39	39	0.2	11	0.0										
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	1000.0	+20	NE	4	36	75	7	8	-	-	4-6	4-6	3000	1	46	35	35	3	1	0.0											
6	Pembroke	142	336.2	+8	NE	4	38	85	7	5	-	-	8	8	3000	1000.0	+20	NE	4	37	75	8	5	-	-	4-6	4-6	3000	1	41	34	33	Tr	-	0.0										
	Holyhead	26	339.5	+6	NE	5	38	85	7	2	-	-	4-6	4-6	2000	1002.6	+20	NE	6	37	75	8	5	-	-	7-8	7-8	2200	1	41	34	33	Tr	-	0.0										
7	Chester (Sealand)	16	1000.1	+16	NE	2	38	87	4	-	2	-	10	10	1000	1003.0	+18	NE	2	38	92	6	5	-	-	7-8	7-8	2000	8	40	31	32	0.1	6	0.0										
	Manchester	70	1000.3	+14	NE	3	34	75	6	8	-	-	4-6	4-6	1600	1002.8	+18	NE	3	35	75	6	5	-	-	4-6	4-6	2100	1	39	32	29	Tr	0.4	0.0										
10	Spurn Head	29	1000.1	+4	NE	2	38	87	4	5	-	-	10	10	800	1001.2	+6	NE	3	35	75	7	5	-	-	4-6	4-6	2500	1	38	33	31	1	2	0.5										
	Catterick	175	1001.7	+10	NE	0	38	87	4	-	2	-	10	10	600	1003.7	+10	NE	2	38	92	7	8	-	-	2-3	2-3	3000	8	35	26	29	1	8	0.0										
	Tynemouth	108	1001.3	+10	NE	6	38	85	7	2	-	-	7-8	7-8	2000	1003.1	+3	NE	6	36	85	7	2	-	-	7-8	7-8	2000	1	38	33	31	1	3	0.0										
11	St. Abbs Head	280	1003.4	+6	NE	4	35	85	8	4	4	-	2-3	4-6	2500	1005.3	+8	NE	4	34	97	8	5	2	-	4-6	7-8	2000	7	36	30	26	0.4	2	0.0										
	Leuchars	36	1005.2	+10	NE	0	37	92	7	4	-	-	2-3	2-3	3500	1007.4	+10	NE	2	38	85	7	3	-	-	4-6	4-6	2800	8	34	26	15	Tr	-	4.3										
12	Renfrew (Abbots I.)	19	1005.8	+14	NE	2	38	85	5	5	-	-	Tr	Tr	3000	1008.7	+18	NE	2	37	75	8	5	-	-	0	0	0	8	35	26	15	-	-	3.1										
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1006.5	+10	NE	3	37	92	8	5	-	-	1	1	1500	7	32	26	21	0.1	3	0.7											
13	Point of Ayre	30	1002.3	+14	ENE	5	36	85	8	8	-	-	1	1	2500	1005.5	+10	NE	5	34	92	8	4	4	-	Tr	1	2500	0	38	33	31	0.5	-	0.0										
	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1009.7	+14	NE	4	35	85	9	1	4	-	-	Tr	Tr	3500	5	37	30	26	0.1	6	1.2										
13a	Stornoway	80	1009.1	+12	NE	2	38	85	7	8	-	-	3	3	2000	1011.8	+12	NE	3	36	85	7	8	-	-	2-3	2-3	1500	1	35	26	26	1	6	1.2										
	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	1008.5	+14	NE	1	36	92	7	5	-	-	2-3	2-3	2500	8	37	16	11	Tr	-	0.7											
15	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1009.0	+20	NE	2	36	97	4	2	-	-	10	10	1500	7	32	23	16	0.3	3	2.5											
	Wick	81	1007.1	+8	NE	5	36	85	7	8	7	8	2-3	4-6	1500	1010.4	+20	NE	5	37	65	7	2	1	-	2-3	4-6	1500	4	37	31	28	0.3	1	0.0										
16	Lerwick	156	1010.4	+24	ENE	5	36	85	7	8	7	-	4-6	7-8	450	1012.0	+12	NE	5	36	85	7	8	7	-	4-6	7-8	800	8	34	28	28	0.4	Tr	0.0										
17	Blacksod Point	18	1009.2	+14	ENE	3	36	75	8	-	3	-	0	2-3	-	1009.5	+18	NE	3	36	75	8	-	4	-	0	4-6	-	3	44	34	28	Tr	-	5.6										
	Malin Head	84	1006.0	+8	NE	4	37	75	8	1	-	-	2-3	2-3	8700	1008.7	+16	NE	3	37	65	8	5	-	-	4-6	4-6	3700	2	33	31	26	Tr	-	2.5										
18	Aldergrove	268	1004.7	+12	NE	4	32	75	7	2	-	-	1	1	2500	1007.5	+14	NE	3	32	85	8	2	-	-	Tr	Tr	2500	3	36	26	22	Tr	-	0.0										
19	Birr Castle	173	1005.3	+6	NE</																																								

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).	q, squalls.	0 No low clouds.	0 No medium clouds.	0 No cirriform cloud.
bc, sky partly cloudy (one half covered).	r, rain.	1 Fair weather Cu.	1 Typical As (thin).	1 Fine Ci not increasing: sparse.
c, generally cloudy.	s, snow.	2 Large Cu without anvil.	2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).	2 Fine Ci not increasing: abundant but not a continuous layer.
d, drizzle.	t, thunder.	3 Ob.	3 Single layer of Ac or high Sc.	3 Anvil Ci (usually dense).
e, wet air.	u, ugly, threatening sky.	4 Sc formed by the spreading out of Cu.	4 Ac in isolated patches. Individually decreasing (often lenticular).	4 Fine Ci increasing: usually in tufts.
f, fog, visibility 220–1100 yds.	v, unusual visibility.	5 Layer of St or Sc.	5 Ac in bands (increasing).	5 Ci or Cs increasing: still below 45° altitude: often in polar bands.
fg, low fog over sea (coast station).	w, dew.	6 Ragged low clouds of bad weather (or fractonimbus).	6 Ac formed from the spreading out of Cu.	6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
g, low fog over land (inland station).	x, hoar frost.	7 Fair weather Cu and Sc.	7 Ac associated with As or As with parts resembling Ac.	7 Veil of Cs covering whole sky.
h, hail.	y, dry air.	8 Large-Cu (or Cb) and Sc.	8 Ac Castellatus (or Ac in ragged fragments).	8 Cs not increasing and not covering whole sky.
i, intermittent.	z, dust haze: the turbid atmosphere of dry weather.	9 Large-Cu (or Cb) and ragged low clouds of bad weather.	9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.	9 Cc predominating, and a little cirrus. (Cc may occur with any of the types 1 to 8).
jp, precipitation within sight of station.	R, heavy rain.		Cloud form abbreviations:— Cirrus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Alto cumulus,—Ac: Altostratus,—As: Stratocumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb	
ks, storm of drifting snow.	r _o , slight rain.	COLUMNS 12, 13, 26, 27.		
k/s, slight storm of drifting snow (generally low).	rr, continuous rain.	COLUMNS 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.		
k/S, heavy storm of drifting snow (generally low).	<, less than (for cloud height). /gale.	COLUMNS 13, 27. The figures in these columns indicate the total amount of all forms of cloud.		
s/k, slight storm of drifting snow (generally high).	⊙ Solar halo. ⊙ Lunar halo. ☉ Aurora.	An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.	0 .. Ground dry.	7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen.
S/k, heavy storm of drifting snow (generally high).	With present weather is combined, whenever possible, the general character of the weather.	"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.	1 .. " wet.	8 .. " covered with snow, less than 6 ins., but ground frozen.
KQ, line squall.	A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.	"9+" signifies an overcast sky with a few small openings.	2 .. " flooded.	9 .. " covered with snow greater than 6 ins. deep.
o, overcast sky.		! Sea disturbance reported from Dungeness.	3 .. " frozen hard and dry.	— .. Fresh snow has fallen in the mountains.
p, passing showers.			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.

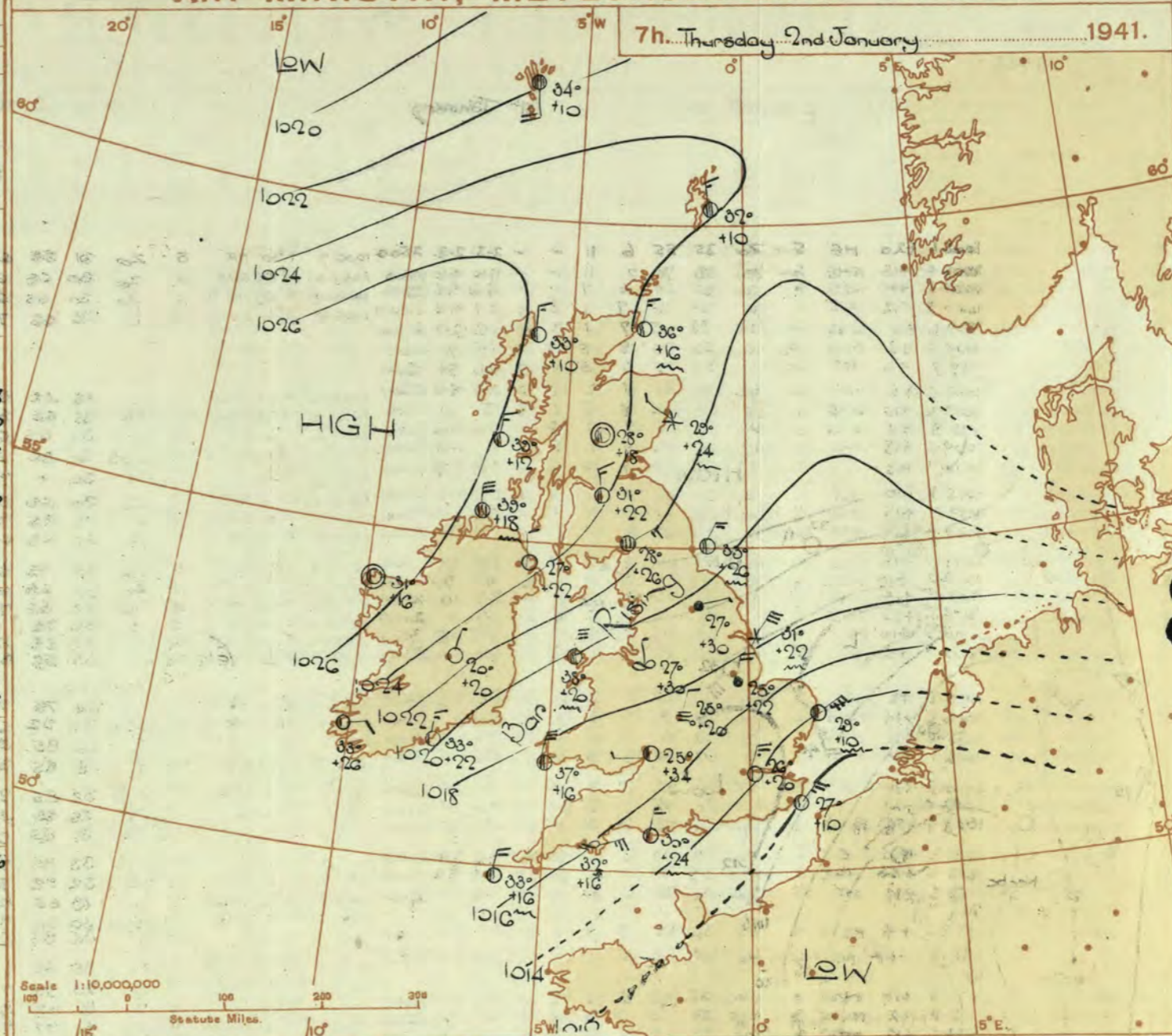
Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T.	1st Jan.	18h. G.M.T.	01h. G.M.T.	2nd Jan.	07h. G.M.T.
III, C _M	wwVhN _h DDFWN	C _M wwVhN _h DDFWN	C _M wwVhN _h DDFWN	C _M wwVhN _h DDFWN	C _M wwVhN _h DDFWN
109	8-02954 32315	3-02952 35513		5-02853 04313	
115	37-02954 10485	51-88844 04585			
203	1-00942 08412		2-84245 04375	3-83846 32466	
206	66-01853 02184	8-83646 32286	80-00853 21031	80-01854 28384	
210	2-01854 22284	80-00953 65583	9-88848 34588	8-02856 31586	
220		80-01963 07503			
230	36-01963 04315	44-00962 04302	00-00990 04100	50-00961 04301	
245	80-01953 32484	9-26644 65584	9-01854 32514	9-26747 28187	
260	3-23616 02376	5-05667 00087	50-05664 28214	5-02757 00017	
277		06-00990 05411	50-00851 32501	50-00841 02401	
279	6-83527 35627	5-01855 32485		5-02655 01415	
285	3-83537 10587			3-83637 04187	
288	57-02854 14275	8-83455 28285	9-83548 14288	6-74448 04288	
273	16-00851 02101			00-00990 00000	
301	50-05674 02114	50-08462 04272	10-05650 32313	50-05552 00002	
321	56-01762 06314	5-05564 04384	5-71448 06378	5-72558 01378	
299	83-84745 08286	8-26746 08386	5-87438 08578	5-23746 06576	
292	23-05841 30184	00-05690 29380	80-26644 04284	5-83648 32188	
310	--01534 04314	--01534 04414			
316	80-01755 04315	5-71555 04375	5-72448 04178	5-71447 32277	
333	27-01863 00014	47-05652 04113	50-71754 32404	20-00763 01583	
334					
340	20-05653 03274	50-05661 32211	50-05644 31474	50-05642 02172	
136	10-01964 08414	80-87744 06484	5-02758 06388	80-26864 39584	
336	62-02755 04417			21-02754 04415	
350	13-00851 04513			5-83555 02315	
368	5-02747 05427				
379	5-02754 06424	50-05651 06401	02-72528 04378		
390	14-01851 37313	50-00761 04401	50-00762 04302	50-05654 01314	
382	50-00753 04413	00-00790 04310	50-05663 32303	50-05664 32314	
428	8-02748 04528			5-73646 04576	
430	43-01844 37624	46-00751 04512	00-05690 02400	50-00652 02402	
409	83-02844 54476	24-05653 04414	00-05690 04920	2-26745 35585	

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W = Present and past weather—See M.O. 252.
h, N_h = Height and amount of low cloud—See M.O. 252.
N = Total amount of cloud—See M.O. 252.
C_M = Form of low and medium cloud—See page 1.
V = Visibility—F = Force of wind—See page 4.
DD = Direction of wind (3 = E, 10 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 2nd January 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 2nd January, 1941

1 S.E. England	Moderate or fresh N.E. to N. winds, strong locally on east coast, decreasing later; occasional snow showers, chance of thunder locally, some bright intervals; hard frost night and day.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate or fresh N. or N.E. winds, strong locally on coasts, decreasing later; local snow showers; some bright intervals; cold during day, keen frost at night.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Moderate or fresh N. or N.E. wind, decreasing later; occasional snow showers, heavy locally, chance of thunder; some bright intervals, especially in west; temperature near freezing point by day, hard frost inland at night.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotland. B.N.W. Scotland.	Light or moderate northerly winds, becoming variable in N.W. later; local snow showers, some bright intervals; more general snow in extreme northwest later; cold by day, keen frost inland at night.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	Light or moderate northerly to variable wind; fair apart from local snow showers; cold, with keen frost at night.

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

GENERAL INFERENCE.

An extensive anticyclone with centres over Scandinavia and off Western Scotland is moving slowly southeastwards. There will be snow showers in many districts, with thunder locally, but some bright intervals. It will be cold generally with hard frost day and night in the southeastern half of the country.

FURTHER OUTLOOK.

Continuing cold for several days in the South of the country.

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

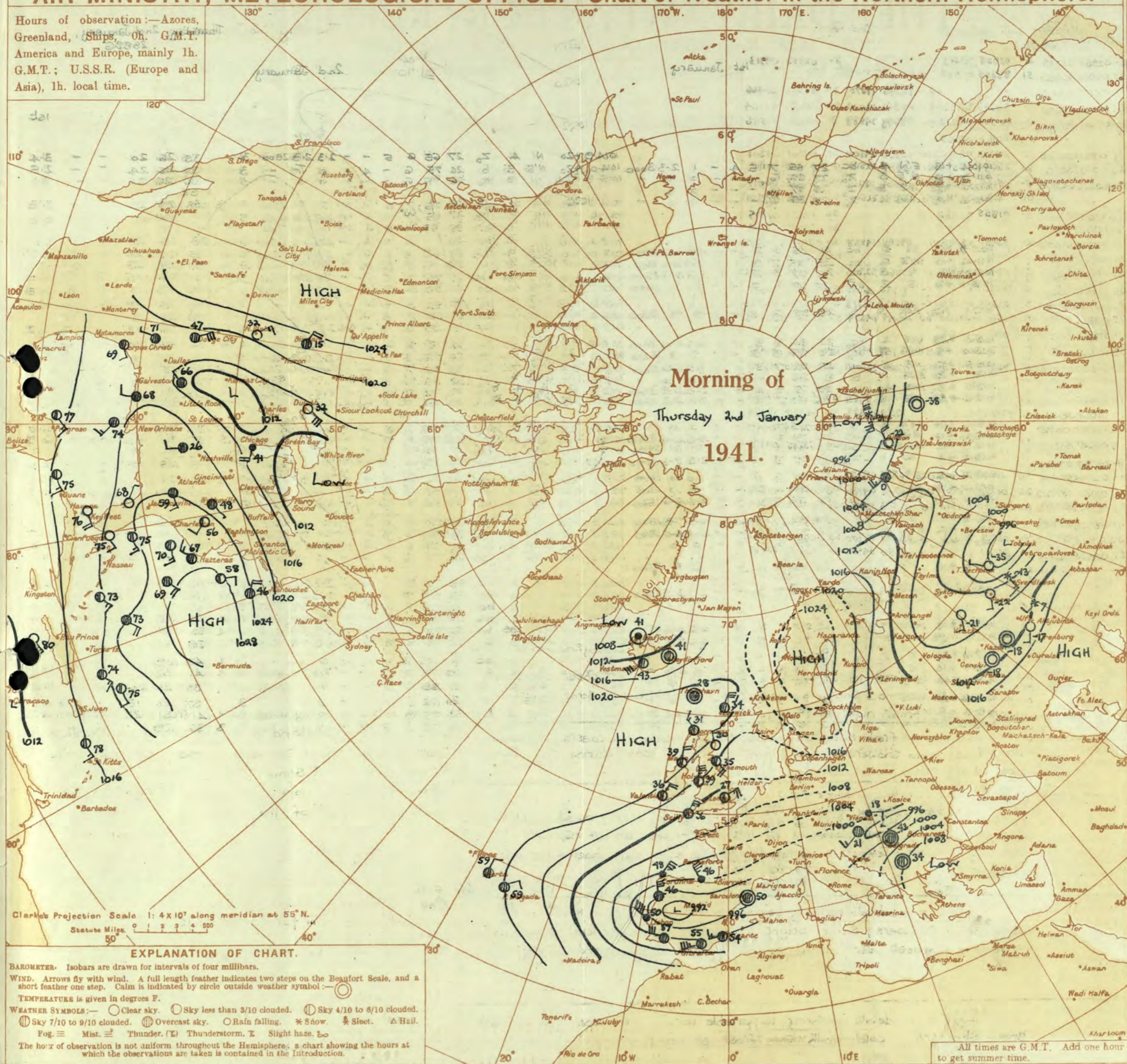
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

12/3596. W. 20/45 2.3705. 2.448. 8000. 1/41

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 1st January															OBSERVATIONS at 7 hr. G.M.T. 2nd January															PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.				RAINFALL.		SUNSHINE 1st Hrs. (36)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.	Force.			Form.	Amount.					Height of Base (feet).	Low.	Mod.	High.	Low.			Mod.	High.	Low.	Mod.	High.	Max. 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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PAST 24 HOURS.

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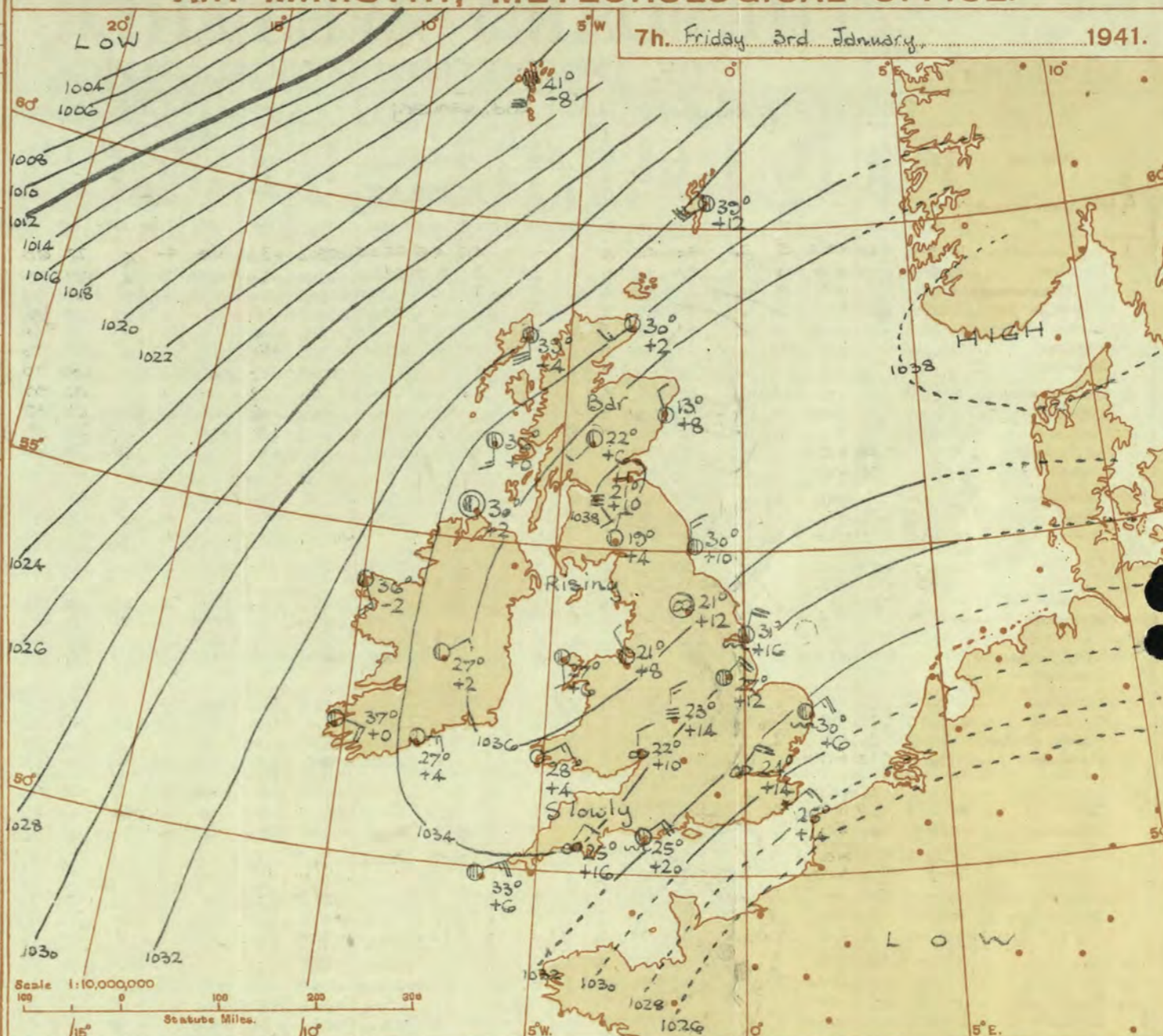
Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 2nd Jan. 18h. G.M.T.				01h. G.M.T. 3rd Jan. 07h. G.M.T.					
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN
109	80	05252	22102	50	05861	20201	5-	02765	21325
115	52	02844	12385	87	02844	20325	87	01954	20324
203							10	00961	12411
206	24	00964	24103	00	00990	26100	00	00890	00000
210	20	01954	04284	40	22201	30628	00	00890	16100
220				90	01753	14303			
230	14	00961	00001	14	00861	08201	00	00890	00000
245	9-	02748	32288	83	01752	32183	40	00853	22203
260	8-	83664	00084	5-	05555	00085	5-	08454	00014
277	20	00951	12101	20	00851	02201	00	00890	08300
279				00	05690	00080		50	05552
283	3-	83637	08387	8-	83636	04387		50	01744
288	0	02855	06385	86	83655	12186	6-	88448	26188
278	13	01972	29104					80	05644
301	20	00762	07243	00	08490	00010	50	05561	00001
321				83	83654	0426	5-	25575	30375
290	80	01744	07514	8-	01745	07515	8-	26746	04586
292	80	00852	02282	53	05652	04114	50	05655	30175
310	--	01033	04513	--	01533	04413		--	83528
316	86	83644	02386	50	00762	02282	50	05555	32315
333	20	00862	07382	00	08490	00000	00	05690	00000
334								00	00790
340	20	05651	32371	00	05690	28200	00	08490	04300
136	8-	83447	06387	86	28853	06385	9-	87746	04486
336	21	02754	04415	24	01753	04414		50	01753
350	80	01851	02381					5-	26657
368									
370	50	05654	35114	50	26664	04374	00	05690	04300
390	50	00853	03513	50	05653	01413	50	05661	32481
382	80	26664	02474	53	05663	01304	00	00790	32300
438	50	02864	04514					02	74429
430	20	01754	02314					40	00752
409	20	01753	04313	20	05762	03412	50	05691	35411

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 2nd January 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 2nd January 1941

1 S.E. England	Moderate northeast wind, fresh locally at first. Fair apart from a few scattered snow showers, mainly near east coast. Frost day and night in most places.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Light variable winds. Fair apart from a few snow showers near coasts. Local fog in industrial areas. Cold with temperature remaining below freezing point by day, and keen frost at night.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Light to moderate southwest winds, fresh or strong in extreme north and northwest. Fair apart from a few sleet or snow showers on west coasts. Cold with keen frost at night
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As G-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 belt of high pressure, extending from northeast to southwest across the British Isles is becoming almost stationary. Weather will be generally fair apart from a few snow showers mainly in the Southeast. It will be cold in all districts with frost night and day in many places, and with hard frosts locally.

FURTHER OUTLOOK.

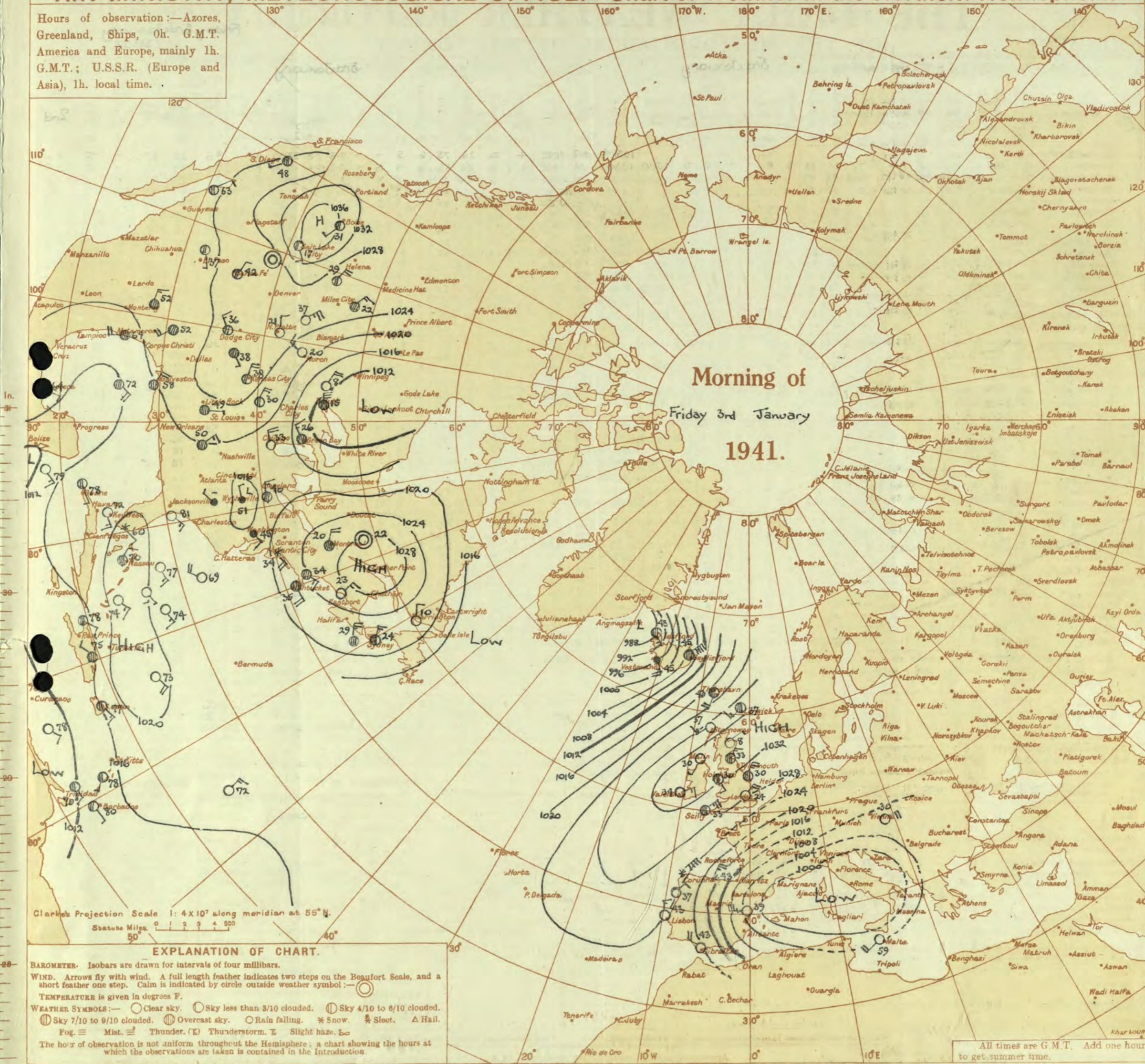
Southwest winds, strong to gale in extreme North and Northwest, with some sleet or rain. Little change elsewhere.
Gale Warning in operation in districts 13B and 16.
Time of issue 09.00 3.1.41.

Forecasts issued at 10.00 G.M.T.
H.M.S.O. Press, Cornwall House, E.C.1.

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 3rd January														OBSERVATIONS at 7 hr. G.M.T. 3rd January														PAST 24 HOURS.																				
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.		RAINFALL.		Sun-shine (36)															
					Direc.	Force.					Form.												Form.						Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)															
											Low.	Med.	High.	Total 0-10									Low.	Med.	High.	Total 0-10																						
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	*	1031.4	+12	NNE	4	z	26	75	6	5	-	-	7-8	7-8	2500	3	*	30	23	17	-	Tr	5.5												
	Croydon	217	1028.5	+14	NE	*	z	24	85	6	4	-	-	Tr	1030.7	+14	NNE	4	z	24	85	6	5	3	-	4-6	4-6	4000	3	*	29	23	21	-	Tr	3.8												
	S. Farnborough	226	1029.4	+16	NW	3	z	24	85	6	5	-	-	9	1031.9	+14	NNW	4	z	24	85	6	5	3	-	2-5	2-3	3500	3	*	31	22	17	Tr	Tr	4.9												
	Boscombe Down	417	1030.5	+18	N	3	z	20	85	6	-	-	-	0	1032.3	+10	N	4	z	24	85	6	5	-	-	4-6	4-6	3000	4	*	29	19	16	Tr	Tr	4.5												
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	1031.5	+18	NE	5	z	25	85	6	5	-	-	Tr	Tr	2500	3	*	32	24	21	-	-	4.3												
	Lympe	346	1026.0	+16	NE	4	ps	26	92	5	8	-	-	9+	1028.3	+14	NE	3	ps	25	92	6	8	-	-	5	Tr	1000	8	*	29	24	19	0.2	4	4.5												
	Manston	154	1026.7	+18	NNE	4	ps	25	97	4	8	-	-	10	1029.0	+6	NEN	6	ps	26	85	6	8	-	-	9+	9+	1200	x	*	30	*	Tr	*	*													
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1029.9	+10	N	4	bc	23	97	7	5	-	-	4-6	4-6	2500	x	*	29	21	15	1	3	3.4												
	Felixstowe	15	1027.8	+4	N	3	bc	23	85	8	3	-	-	2-3	1030.2	+12	NEE	4	ps	28	85	6	9	-	-	3	9	1500	8	*	34	22	17	1	3	3.7												
	Gorleston	5	1028.3	+12	NE	5	c/ps	28	85	6	8	-	-	7-8	1030.8	+6	NE	5	c	30	92	6	8	-	-	7-8	7-8	1500	8	*	32	27	23	0.6	12	3.2												
	Mildenhall	19	1029.8	+16	NE/N	4	ps	25	85	6	8	-	-	2-3	1032.2	+14	N	3	z	24	97	6	8	-	-	7-8	7-8	2000	8	*	29	17	15	1	*	3.4												
	Cranwell	240	1031.9	+16	NW	3	z	24	85	6	5	-	-	9	1034.2	+12	NEN	4	c/ps	27	85	6	8	-	-	9+	9+	3000	8	*	29	21	17	*	Tr	1.4												
3	Birmingham	535	1031.4	+18	NNW	3	bc	17	85	7	5	-	-	2-3	1034.7	+14	N	3	bcf	23	85	3	5	-	-	2-3	2-3	1500	8	*	29	20	16	Tr	Tr	1.9												
	Upper Heyford	408	1031.4	*	*	*	*	*	*	*	*	*	*	*	1033.2	+10	N	3	ps	22	92	5	5	-	-	3+	3+	1500	8	*	28	15	9	1	0.2	*												
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1034.5	+10	N	2	ps	22	85	6	5	-	-	4-6	4-6	2500	4	*	30	21	17	0.1	-	2.7												
5	Hartland Point	299	1031.4	+14	NE	5	bc	29	85	8	8	-	-	2-3	1033.9	+12	NNE	5	bc	31	75	8	8	-	-	4-6	4-6	1500	3	4	36	29	26	-	-	3.5												
	Bristol	209	1032.0	+14	NE	1	z	21	85	6	-	-	-	0	1034.5	+10	NNE	2	m	22	85	4	-	-	0	2-3	-	-	1	4	33	23	*	-	-	3.3												
	Portland Bill	32	1029.0	+20	NE	4	bc	28	92	8	5	-	-	4-6	1032.6	+20	NE	4	bc	25	92	8	5	-	-	4-6	4-6	4000	1	4	33	23	*	-	-	*												
	Plymouth	82	1031.6	+10	NE	4	z	25	75	6	-	-	-	0	1034.7	+16	NNE	2	z	25	75	5	-	-	0	0	-	-	(5)	2	34	23	19	Tr	-	6.0												
	The Lizard	240	1031.1	+12	NE	4	bc	26	92	7	8	-	-	2-3	1033.9	+12	NNE	4	b	26	85	8	8	-	-	4-6	4-6	2500	3	2	36	25	*	-	-	6.7												
	Scilly (St. Mary's)	163	1031.1	+14	ENE	5	c	33	55	6	8	-	-	7-8	1033.5	+6	NEE	5	c	33	55	8	8	-	-	7-8	9	1500	3	4	41	31	*	-	-	5.2												
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*												
6	Pembroke	142	1033.8	+14	NE	4	b	27	75	7	-	-	-	0	1035.4	+14	NE	3	bc	28	75	8	5	-	-	2-3	2-3	4000	3	2	38	26	20	Tr	-	6.2												
7	Holyhead	26	1034.2	+14	SE	2	z	30	75	6	5	-	-	4-6	1036.2	+14	SE	1	bc/f	27	85	6	5	-	-	2-3	2-3	4000	3	1	40	26	20	Tr	-	4.2												
	Chester (Sealand)	16	1034.2	+10	WNW	2	z	20	92	5	-	-	-	0	1036.4	+8	NW	1	bc	21	92	5	5	-	-	1	1	4000	8	*	31	18	13	-	-	2.3												
8	Manchester	70	1033.8	+6	N'E	2	m	22	97	4	5	-	-	Tr	1036.1	+10	NW	1	fb	19	97	3	5	-	-	2-3	2-3	3000	3	*	31	18	11	Tr	-	1.8												
10	Spurn Head	29	1031.0	+16	NE/N	5	cq	31	85	7	6	-	-	9+	1034.2	+16	N'E	4	cq	31	85	7	5	-	-	9+	9+	1500	8	5	31	28	5	2	-	0.0												
	Catterick	175	1034.5	+10	-	0	ps	21	92	5	8	-	-	9+	1037.0	+12	-	0	z	21	85	6	8	-	-	4-6	4-6	2500	8	*	29	17	5	0.4	1	0.0												
	Tynemouth	108	1034.0	+14	N	3	ps	33	85	7	2	-	-	7-8	1036.2	+12	N	3	z	30	85	7	2	-	-	7-8	7-8	2200	8	3	34	27	26	1	0.4	*												
11	St. Abbs Head	280	1033.0	+8	SE	2	bc	32	92	8	4	-	-	2-3	1036.0	+10	NW	2	bc	33	75	6	8	-	-	4-6	4-6	2500	8	3	34	32	*	0.6	-	*												
	Leuchars	36	1035.3	+14	NW	2	z	23	92	5	3	-	-	2-3	1037.2	+6	N	2	z	22	92	5	8	-	-	7-8	7-8	2200	8	*	32	16	13	1	Tr	0.0												
12	Renfrew (Abbots L.)	19	1036.3	+18	SW	1	f+	24	97	2	*	-	-	10	1038.4	+10	SE	1	f+	21	97	2	*	-	-	10	10	1500	8	*	35	19	12	Tr	Tr	1.4												
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1038.3	+8	NE	1	b	19	75	7	-	-	0	0	-	-	7	5	31	9	5	0.3	Tr	2.3												
	Point of Ayre	30	1034.2	+14	EN	2	b	32	75	8	4	-	-	Tr	1036.6	+14	E'S	2	bc	32	75	8	8	-	-	2-3	2-3	2500	3	3	36	30	*	-	-	3.9												
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1035.0	0	S	3	c	36	85	8	5	-	-	7-8	7-8	2500	3	3	41	27	*	-	-	4.8												
13B	Stornoway	80	1031.0	+18	SW	4	b	37	85	7	5	-	-	Tr	1031.3	-4	S	6	c	39	75	7	5	-	-	7-8	7-8	2500	7	3	36	31	*	-	-	5.4												
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*													
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1036.9	+8	SSW	1	b	22	92	8	1	-	-	Tr	Tr	2500	8	2	33	11	5	1	Tr	0.1												
	Wick	81	1032.4	+6	SW	2	b	26	97	8	5	-	-	1	1033.8	+2	SW	3	b	30	97	8	1	-	-	Tr	Tr	2500	4	3	38	22	*	0.1	-	3.7												
16	Lerwick	156	1030.9	+4	SW	4	c	39	75	7	5	-	-	4-6	1032.6	+12	SW	6	c	39	75	7	5	-	-	4-6	7-8	1500	4	*	37	32	*	-	-	*												
17	Blacksod Point	18	1032.6	+4	SSE	2	b	36	85	8	-	-	-	0	1032.4	-2	SSE	4	bc	36	75	8	-	-	0	4-6	-	-	3	2	44	35	*	-	-	2.0												
18	Malin Head	84	1034.1	+16	S	1	b	30	75	8	-	-	-	0	1034.6	+2	-	0	bc	30	85	7	4	-	-	2-3	2-3	4000	3	*	38	27	*	-	-	*												
19	Birr Castle	173	1034.6	+16	NE	1	b	20	92	8	-	-	-	0	1035.0	+2	NE	1	bc	27	85	8	5	-	-	4-6	4-6	2500	3	*	38	19	15	-	-	3.1												
20	Valentia Obay.	30	1033.2	+6	E	3	bc	34	65	9	-	-	-	0	1033.0	0	ESE	4	c	37	75	9	1	-	-	Tr	7-8	2500	3	2	35	29																

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET
BRITISH SECTION
Saturday 4th January 1941.
No. 28888

OBSERVATIONS at 13h. G.M.T. 3rd January														OBSERVATIONS at 18h. G.M.T. 3rd January														PAST 24 HOURS.					
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				State of Ground.	Sea.	WEATHER.					
				Dir.	Force.					Low.	Med.	High.	Low.			Med.	High.					Low.	Med.	High.	Low.			Med.	High.	7h.-18h. 3rd	18h.-18h. 3rd	18h.-18h. 4th	1h.-7h. 4th
1	London (Kew)...	1035.1	-0.2	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1035.2	+1.4	NNE	4	20	28	75	6	5	2.3	2.3	4000	3	*	bepsh	bepsh	bepsh	CZ	
	Croydon ...	1035.4	-0.2	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1035.4	+1.4	NE	4	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	S. Farnborough	1035.5	-0.2	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1035.5	+1.4	NNE	4	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Boscombe Down	1034.1	-0.2	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1034.1	+1.4	NNE	4	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Calshot (Soton.)	1032.4	0	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1032.4	+1.4	NNE	4	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Lympe	1030.4	+0.6	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1030.4	+1.4	NE	5	20	28	78	7	8	3	3	2500	3	3	cmg	cmg	cmg	cmg	
	Manston	1030.8	0	ZNE	6	2	31	65	6	8	6	4.6	7.8	25.00	1032.0	+1.4	NE	5	20	28	78	7	8	3	3	2500	3	3	cmg	cmg	cmg	cmg	
2	Shoeburyness ...	1037.0	+0.4	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1037.3	+0.6	NE	3	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Felixstowe	1037.3	+0.6	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1037.3	+0.6	ENE	5	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Gorleston	1038.4	0	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1038.4	+0.6	NE/E	6	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Mildenhall	1034.3	+0.2	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1034.3	+0.6	NE/E	6	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Cranwell	1036.3	+0.2	ZNE	3	2	31	65	6	8	6	4.6	7.8	25.00	1037.5	+0.6	NE	3	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
3	Birmingham	1036.3	0	ZNE	3	2	31	65	6	8	6	4.6	7.8	25.00	1037.8	+0.6	NNE	3	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Upper Heyford	1035.2	-0.2	ZNE	3	2	31	65	6	8	6	4.6	7.8	25.00	1036.6	+1.0	N	4	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
4	Ross-on-Wye ...	1036.1	0	NE	3	2	31	65	6	8	6	4.6	7.8	25.00	1037.2	+1.0	NNE	2	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
5	Hartland Point	1035.5	+0.2	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1037.4	+1.0	NNE	3	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Bristol ...	1035.4	-0.2	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1037.4	+1.0	NNE	3	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Portland Bill	1033.3	+0.2	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1037.0	+1.8	NE/E	3	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Plymouth	1035.5	+0.2	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1037.0	+1.8	NE/E	3	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	The Lizard	1034.6	-0.8	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1036.0	+0.8	N	4	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Scilly (St. Mary's)	1035.6	+0.4	ZNE	4	2	31	65	6	8	6	4.6	7.8	25.00	1036.2	+0.8	NE	4	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Guernsey	1037.5	+0.2	ZNE	3	2	31	65	6	8	6	4.6	7.8	25.00	1037.5	+0.2	NE	3	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
6	Pembroke	1037.5	+0.2	ZNE	3	2	31	65	6	8	6	4.6	7.8	25.00	1038.0	+0.2	NE	3	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
7	Holyhead	1038.0	-0.2	ZNE	3	2	31	65	6	8	6	4.6	7.8	25.00	1039.1	+1.2	SE/S	2	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Chester (Sealand)	1038.0	-0.2	ZNE	3	2	31	65	6	8	6	4.6	7.8	25.00	1038.0	+1.4	NE	1	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
8	Manchester	1038.0	+0.2	ZNE	3	2	31	65	6	8	6	4.6	7.8	25.00	1038.4	+1.2	N	2	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
10	Spurn Head	1037.1	+0.2	ZNE	3	2	31	65	6	8	6	4.6	7.8	25.00	1037.5	+0.6	NE/N	5	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Catterick	1038.0	-0.2	ZNE	3	2	31	65	6	8	6	4.6	7.8	25.00	1038.0	+1.2	WNW	1	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Tynemouth	1038.0	+0.8	ZNE	2	2	31	65	6	8	6	4.6	7.8	25.00	1038.0	+1.0	WNW	1	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
11	St. Abbs Head	1038.1	+0.8	ZNE	2	2	31	65	6	8	6	4.6	7.8	25.00	1039.4	+0.4	W	2	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Leuchars	1038.6	-0.2	ZNE	2	2	31	65	6	8	6	4.6	7.8	25.00	1039.6	+0.6	WSW	2	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
12	Renfrew (Abbots L.)	1033.4	-0.2	ZNE	2	2	31	65	6	8	6	4.6	7.8	25.00	1030.7	+0.6	W	1	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Eskdalemuir	1039.7	+0.4	ZNE	2	2	31	65	6	8	6	4.6	7.8	25.00	1041.4	+0.6	W	1	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Point of Ayre	1038.2	+0.2	ZNE	2	2	31	65	6	8	6	4.6	7.8	25.00	1038.9	+0.2	SSE	1	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
13a	Tiree	1035.0	0	SW	3	2	31	65	6	8	6	4.6	7.8	25.00	1034.7	+0.6	SW	5	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
13b	Stornoway	1035.0	0	SW	3	2	31	65	6	8	6	4.6	7.8	25.00	1034.8	-0.8	SW	8	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
15	Dalwhinnie	1038.0	0	SW	3	2	31	65	6	8	6	4.6	7.8	25.00	1037.8	+0.4	SSW	3	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Aberdeen	1037.9	+0.4	SW	3	2	31	65	6	8	6	4.6	7.8	25.00	1039.0	+0.6	W/S	1	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Wick	1034.9	+0.2	SW	3	2	31	65	6	8	6	4.6	7.8	25.00	1035.0	-0.6	SW	5	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
16	Lerwick	1033.9	-0.2	SW	3	2	31	65	6	8	6	4.6	7.8	25.00	1034.0	0	SSW	6	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
17	Blackod Point	1022.3	-0.4	SE	3	2	31	65	6	8	6	4.6	7.8	25.00	1031.8	0	SSE	6	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
18	Malin Head	1034.9	-0.4	SE	3	2	31	65	6	8	6	4.6	7.8	25.00	1034.2	-0.2	SE	5	20	28	75	6	5	2.3	2.3	4000	3	*	cmg	cmg	cmg	cmg	
	Aldergrove	1034.9	-0.4	SE	3	2	31	65	6	8																							

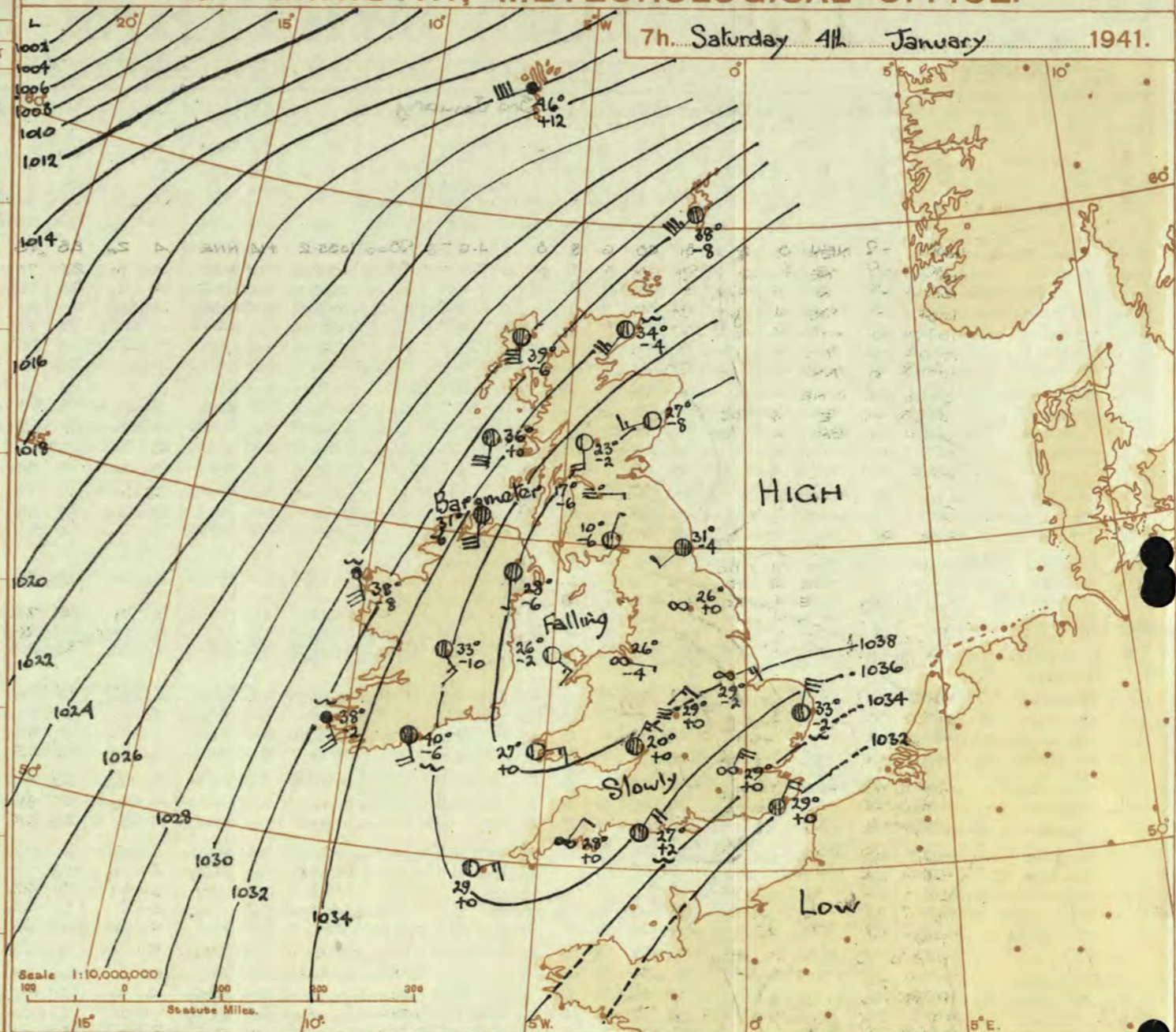
Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 3rd January	18h. G.M.T.	01h. G.M.T. 4th January	07h. G.M.T.
III. C. M. W. V. N. D. D. F. W. N.	C. M. W. V. N. D. D. F. W. N.	C. M. W. V. N. D. D. F. W. N.	C. M. W. V. N. D. D. F. W. N.
105-01863 175.03	07 02700 16517	07 02700 16515	57 01763 50514
1155-02254 16425		52 14844 5527	52 14844 53627
203			
203-02200 20325	53 02862 20425	00 00790 24210	00 00890 22300
2104-01870 17214	04 01890 18214		07 00890 17602
2252-03354 20528			52 03645 25728
2383-01862 14214	03 05600 16214	50 05603 16413	50 05607 16417
2450-00762 24323	50 05602 24112	50 05651 24101	50 05551 23101
2600-05570 00012	00 08490 00010	00 08490 00010	00 08590 00040
2778-02256 11316	57 02767 15327	50 02865 15425	50 02767 15427
2700-08490 00002			50 05671 00001
285-23747 50277			50 01743 52213
2850-08464 22184		50 08448 20148	50 05657 28147
273			53 01862 14704
3053-05562 04144	00 05290 04140	50 05400 00026	50 05564 00014
325-02766 32326	57 05665 30228	50 05508 32228	50 05608 01228
295-26747 06487	50 02747 04427	50 02747 08427	50 01745 07315
298-03647 00087	50 08408 27288	50 05558 00028	50 02767 00027
310-04533 04413			50 08428 04528
318-03644 32384	50 08446 30186	50 02568 02228	50 02568 02328
3320-00862 12102	00 05590 32200	00 05690 32100	00 05690 02100
334			
3400-08490 32276	50 05665 30205	50 05505 04115	50 05657 05217
1386-07646 05487	86 83746 04486	50 02868 04888	50 02867 04427
336	51 01753 04414		21 02754 04415
353-01762 30483			50 05658 04328
3610-01752 04402			
3750-05564 02314	50 05652 04312	50 05508 04428	50 05658 04328
3983-02744 03388	50 02756 02586	50 05658 30428	50 02738 02428
3810-05653 01303	40 05664 32304	50 05665 02325	50 05668 01328
402-74438 02578			33 02744 02315
4320-05653 02403	00 05690 02400	40 05575 02313	53 05564 02415
4050-01863 02413	50 05761 03311	50 05663 04103	50 05651 03201

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 4th January 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 4th Jan. 1941

1 S.E. England	Moderate or fresh N.E. winds, strong locally on East Coast;
2 E. England ...	cloudy, but a few bright intervals; a few slight scattered snow
3 E. Midlands ...	showers, mainly on or near East Coast; temperature remaining a
4 W. Midlands ...	few degrees below freezing point by day and night.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Light variable winds; fair with considerable clear periods
8 N.W. England	locally; cold, with temperature remaining below freezing point during
9 N. Midlands ...	the day and with severe frost locally at night; very hazy near
10 N.E. England	large towns.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Fresh southerly wind, strong to gale locally; cloudy, with
14 Mid Scotland	occasional rain or sleet; cold.
15 N.E. Scotland	Fresh southerly wind; fair; cold, with hard frost locally at
16 Orkneys and Shetlands	night. As 13a-13b.
17 N.W. Ireland	Fresh or strong southerly wind; cloudy, with occasional rain; cold.
18 N.E. Ireland	Moderate southerly wind; fair; cold.
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 wedge of high pressure extends across the British Isles from an anticyclone over Southern Scandinavia. A trough of low pressure which lies almost stationary off our western seaboard will give occasional rain in extreme western districts; but elsewhere weather will be fair apart from a few scattered snow showers, mainly on and near the East Coast of England. It will remain cold in all districts, with frost continuing day and night in many places.

FURTHER OUTLOOK.

Little change

Warning of gale in operation in districts 13b and 16.

Time of issue 0950 3/1/1941

Forecasts issued at 1030h G.M.T.

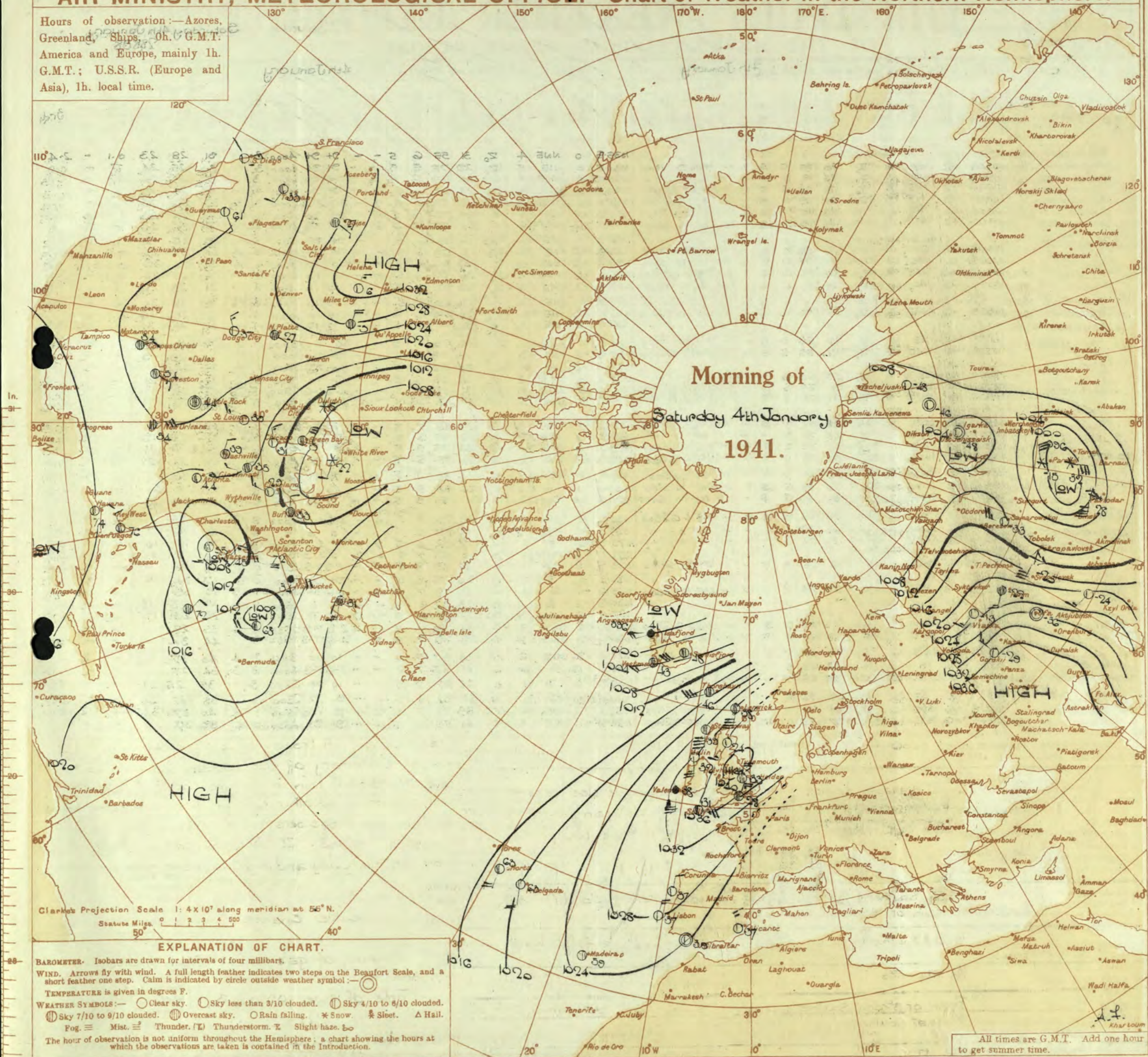
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

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

470,5594. 194.6448. 2.3704. 44.248. 8304. 1/41.

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 4th January 1941.
No. 28898

OBSERVATIONS at 1 hr. G.M.T. 4th January														OBSERVATIONS at 7 hr. G.M.T. 4th January														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.		SUN-SHINE 3rd Hrs.			
					Direc.	Force.					Low.	Med.	High.	Low.			Total.	Direc.					Force.	Low.	Med.	High.			Low.	Total.	Height of Base (feet)	Max. Day 7h-15h °F.	Min. Night 15h-7h °F.		Min. on Grass °F.	Day 7h-15h mm.	Night 15h-7h mm.
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1035.5	0	NNE	4	N	31	55	6	5	-	-	+	+	4000	3	*	31	28	23	0.1	-	2.4		
	Croydon ...	217	1034.2	-2	NE	5	N	29	75	6	5	3	-	1034.5	0	NE	5	N	30	75	6	5	-	-	+	+	4000	3	*	30	25	24	Tr	-	0.0		
	S. Farnborough ...	226	1035.5	-4	NNE	4	N	28	75	6	5	3	-	1035.3	0	NNE	4	N	30	65	6	5	-	-	+	+	4000	3	*	30	27	24	Tr	-	3.3		
	Boscombe Down ...	417	1036.5	-2	NE	4	N	26	85	6	5	1	-	1036.3	-6	NE/N	4	N	28	65	6	5	-	-	+	+	3000	4	*	29	23	19	-	-	6.3		
	Calshot (Stmntn.) ...	8	1034.8	-2	NE	3	N	27	85	6	5	1	-	1034.9	-2	N/E	4	N	29	75	6	5	-	-	+	+	3000	3	3	32	25	22	-	-	5.4		
	Lymington ...	346	1032.6	-2	NE	4	N	28	75	7	2	1	-	1032.6	0	NE	4	N	29	75	6	2	-	-	+	+	3000	8	*	30	27	23	1	0.1	1.8		
	Manston ...	154	1033.2	+2	NE/N	7	N	28	85	5	8	-	-	1033.1	-6	NE/N	6	N	30	75	7	2	-	-	+	+	3000	8	*	29	26	26	Tr	Tr	*		
2	Shoeburyness ...	11	*	*	ESE	5	N	30	85	5	5	-	-	1034.2	0	N/E	4	N	30	85	6	5	-	-	+	+	1500	8	*	29	26	12	1	4	1.2		
	Felixstowe ...	15	1034.4	-2	ESE	5	N	30	85	5	5	-	-	1034.5	+2	N/E	5	N	31	65	6	5	-	-	+	+	3000	8	4	30	27	26	0.6	2	0.3		
	Gorleston ...	5	1035.3	-6	NE	2	N	28	92	6	8	-	-	1035.3	-2	NNE	6	N	33	92	6	8	-	-	+	+	1500	4	4	32	30	29	0.1	0.1	1.2		
	Mildenhall ...	19	1036.3	-6	NNE	2	N	28	92	6	8	-	-	1036.1	-6	NNE	3	N	30	97	6	5	-	-	+	+	1000	8	*	30	27	22	0.1	-	2.1		
	Cranwell ...	240	1036.1	-2	NE	3	N	29	85	6	5	-	-	1036.1	-2	ENE	3	N	29	92	6	5	-	-	+	+	2500	8	*	31	28	26	*	-	1.9		
3	Birmingham ...	535	1036.9	-2	NNE	3	N	28	75	6	5	-	-	1037.9	0	NE	3	N	29	65	4	5	-	-	+	+	1500	8	*	29	25	20	Tr	-	1.9		
	Upper Heyford ...	408	*	*	*	*	*	*	*	*	*	-	-	1036.8	-2	NE	3	N	28	75	6	5	-	-	+	+	3500	8	*	29	25	16	0.1	-	-		
	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	-	-	1037.7	0	NE	3	N	20	65	7	5	-	-	+	+	2500	4	*	31	25	21	-	-	3.3		
5	Hartland Point ...	299	1037.1	+2	NE	4	N	29	55	8	8	-	-	1036.8	-2	ENE	4	N	29	65	7	9	-	-	+	+	1500	3	4	33	28	29	-	-	3.1		
	Bristol ...	209	1037.2	-4	NNE	2	N	27	85	5	5	-	-	1037.4	-2	NE	3	N	29	75	6	5	-	-	+	+	3000	1	4	30	23	19	-	-	4.1		
	Portland Bill ...	32												1035.3	+2	NE	4	N	27	92	8	5	-	-	+	+	2500	1	4	33	24	*	-	-	*		
	Plymouth ...	82	1036.8	-4	NE/N	3	N	28	65	6	8	-	-	1037.4	0	NE/N	2	N	28	65	6	5	-	-	+	+	2500	3	2	32	26	21	-	-	6.5		
	The Lizard ...	240	1036.4	0	ENE	5	N	31	65	8	8	-	-	1036.4	0	ENE	2	N	31	85	8	8	-	-	+	+	2500	3	2	32	25	*	-	-	4.1		
	Scilly (St. Mary's) ...	163	1036.8	0	NE/E	4	N	30	65	8	8	-	-	1036.5	0	ENE	3	N	29	85	8	8	-	-	+	+	2500	3	3	36	29	*	-	-	4.6		
	Guernsey ...	175																																			
6	Pembroke ...	142	1038.8	+2	ENE	3	N	28	92	7	5	-	-	1038.6	0	E/N	3	N	27	85	7	5	-	-	+	+	4000	3	2	(32)	26	*	-	-	6.5		
7	Holyhead ...	26	1039.2	-2	SE/S	2	N	29	75	5	5	-	-	1038.9	-2	SE	3	N	26	85	6	5	-	-	+	+	4000	3	*	37	25	19	-	-	4.0		
	Chester (Sealand) ...	76	1039.7	-2	E/S	1	N	27	75	5	5	-	-	1039.2	-4	E/S	1	N	20	75	5	5	-	-	+	+	3500	8	*	31	19	11	-	-	1.3		
8	Manchester ...	10	1039.9	-2	NE/E	1	N	31	75	5	5	-	-	1039.3	-2	E/N	3	N	30	75	5	5	-	-	+	+	3500	3	*	31	24	22	Tr	-	0.0		
10	Spurn Head ...	29	1038.6	0	NNE	4	N	33	85	7	5	-	-	1038.2	0	NE/E	4	N	22	80	7	5	-	-	+	+	1500	8	3	33	30	*	Tr	0.1			
	Catterick ...	175	1040.0	-2	-	0	N	26	85	5	5	-	-	1040.0	0	-	0	N	26	85	5	5	-	-	+	+	2500	8	*	29	25	21	0.1	-	2.0		
	Tynemouth ...	108	1039.7	0	WSW	2	0	31	85	5	5	-	-	1039.4	-4	SW	2	0	31	85	5	5	-	-	+	+	1600	8	3	34	29	26	0.2	-	*		
11	St. Abbs Head ...	280	1039.5	0	SW	3	N	28	85	7	4	4	-	1039.9	0	SW	3	N	29	75	8	5	4	-	-	+	+	2500	8	3	34	28	*	-	-	3.1	
	Leuchars ...	36	1040.1	+2	WSW	2	N	20	97	4	-	-	-	1038.3	-4	WSW	2	N	18	97	5	-	-	-	-	+	+	4500	8	*	27	16	7	-	-	0.0	
12	Renfrew (Abbots I.) ...	19	1040.0	-2	NE/E	1	N	20	92	3	-	-	-	1039.3	-6	E	1	N	17	92	4	5	7	-	-	+	+	1500	8	*	22	15	10	-	-	4.2	
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	-	-	1041.1	-6	NNE	1	N	10	85	7	5	4	2	-	-	+	+	1500	8	*	24	7	*	-	-	3.4
	Point of Ayre ...	30	1039.3	0	SE/E	4	N	32	65	8	5	-	-	1033.9	-2	NE	1	N	32	85	8	5	-	-	+	+	2500	0	4	38	31	*	-	-	1.1		
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	-	-	1033.0	0	S	6	N	36	75	8	5	-	-	+	+	2800	0	5	37	34	*	-	-	0.0		
13B	Stornoway ...	80	1029.9	-8	S	3	N	39	75	7	5	7	-	1029.6	-6	S	6	N	39	75	7	5	6	-	-	+	+	2500	1	5	39	38	*	-	-	4.4	
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	-	-	1036.3	-2	S	4	N	23	92	8	5	-	-	+	+	2500	8	*	24	23	18	-	-	2.8		
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	-	-	1037.4	-8	WSW	3	N	27	65	6	5	-	-	+	+	2500	8	3	29	23	13	-	-	-		
	Wick ...	81	1034.0	-4	SSW	5	N	33	97	7	5	1	-	1032.7	-4	SSW	5	N	34	75	7	5	1	6	-	-	+	+	2500	4	4	35	28	*	-	-	0.1
16	Lerwick ...	156	1032.8	+2	SSW	8	N	38	65	7	5	7	-	1031.8	-8	SW/S	7	N	38	75	7	5	7	-	-	+	+	1500	3	*	44	34	*	-	-	-	
17	Blackod Point ...	18	1030.5	-8	SE/E	6	N	38	85	7	5	-	-	1029.4	-8	SE/E	6	N	38	97	7	6	-	-	+	+	800	2	4	40	37	*	-	2	-		
18	Malin Head ...	84	1033.5	-10	S	5	N	32	65	8	-	-	-	1032.2	-6	S	6	N	31	85	7	8	-	-	+	+	4000	3	3	34	27	*	-	-	1.0		
	Aldergrove ...	268	1038.1	0	S	2	N	28	85	7	-	7	6	1036.9	-6	S	1	N	28	97	7	5	-	-	+	+	2600	3	*	35	26	21	-	-	3.7		
19	Birr Castle ...	173	1036.4	-4	SE	3	N	29	92	8	-	-	-	1034.8	-10	SE	3	N	33	92	8	5	-	-	+	+	2500	3	*	35	27	24	-	-	2.3		
20	Valentia Obay. ...	30	1033.3	-6	SE/E	6	N	38	85	7	6	2	-	1032.5	-2	SE/E	5	N	38	92	7	6	2	-	-	+	+	1500	1	4	40	37	34	-	-	0.0	
	Roches Point ...	22	1036.7	-6	SE/E	4	N	37	75	8	5	-	-	1035.2	-6	SE/E	4	N	40	75	8	5	-	-	+	+	2500	0	4	39	37	*	-	-	-		

LONDON OBSERVATIONS.														Height above sea level, in feet.	EXPLANATION OF FIGURES, LETTERS, etc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Day 7h—18h, Kew & Croydon.															Atmospheric Pollution.				COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.								COLUMNS 8, 22—Code for surface visibility. Objects not visible at																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
9h—18h, Kensington.															Milligrams of Solid Impurity per cubic metre.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
9h—21h, other stations except for rainfall which is 9h—18h.															24 hrs. ended 7h. G.M.T.....				COLUMNS 4, 18. The BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.				COLUMNS 30—Code for State of Sea.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
														SOUTH KENSINGTON.				Kew OBSERVATORY.				Beaufort No.				Statute m/h.				Beaufort No.				Statute m/h.				Beaufort No.				Statute m/h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON W.C.2

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

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 5th January 1941.
No. 28899

OBSERVATIONS at 13h. G.M.T. 4th January														OBSERVATIONS at 18h. G.M.T. 4th January														PAST 24 HOURS.						
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Secs. 0-9 (30)	WEATHER.				
				Direc.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Direc.	Force. 0-12 (18)			Form.	Amount. Low 0-10 Total 0-10 (26) (27)					Height of Base. (feet) (28)	7h.—13h. 4th. (37)	13h.—18h. 4th. (38)	18h. 4th. to 1h. 5th. (39)	1h.—7h. 5th. (40)							
1	London (Kew)...	1035.7	-8	NNE	4	Zo	32	55	6	8	9	9	2500	1034.3	-4	NNE	4	Zo	32	55	6	5	-	10	10	2500	3	*	CisCzo	Czy	Czyzo	Czoiszo		
	Croydon ...	1034.4	-6	NE	4	Zo	32	75	5	2	6	-	2-3	7-8	2500	1034.0	-2	NNE	5	33	55	4	5	-	10	10	3000	3	*	Czyszo	Czy	Czcmiso	Cshmo	
	S. Farnborough	1035.7	-12	NE	4	C/S	32	55	7	5	-	-	9	9	3500	1035.3	0	NNE	4	31	65	6	5	-	10	10	3500	3	*	Czopsisy	Czy	Zoc	Zoc	
	Boscombe Down	1036.4	-6	NE	4	C	30	75	7	5	-	-	9	9	3900	1035.8	-2	NNE	3	29	65	6	5	-	9	9	3500	4	*	C	Cym	Cmo	Cmo	
	Calshot (Soton.)	1035.0	-6	NNE	5	bc	33	55	8	5	-	-	4-6	4-6	5000	1034.7	-2	NNE	5	32	55	7	5	-	10	10	4000	3	3	C	Cym	Cmo	Cmo	
	Lympne	1032.5	-10	NE	4	SoSo	30	85	7	-	2	-	10	10	900	1031.3	-2	NNE	5	32	75	7	5	-	10	10	1400	3	*	CpsSoS	Cps	CpsSo	CpsSo	
	Manston	1033.0	-10	NNE	5	ps	31	75	6	8	-	-	10	10	1200	1032.2	-2	NNE	6	34	75	6	5	-	10	10	1800	3	*	Cpszo	Cps	Cpszo	Cpszo	
2	Shoeburyness ...	1039.0	-10	N/E	4	C	31	75	8	5	-	-	10	10	2500	1038.7	-4	N	4	31	75	7	5	-	10	10	4000	3	*	Cmiso	Cve	Cpho	Cpho	
	Felixstowe	1034.3	-12	NE	5	ps	32	65	7	5	-	-	9	9	3500	1033.8	-2	N	4	32	75	7	5	-	10	10	3000	3	4	Cis	Cis	Cshiso	Cshiso	
	Gorleston	1035.0	-10	NE/E	6	C	33	85	7	8	-	-	9	9	1500	1034.8	0	NNE	6	33	85	7	8	-	10	10	1500	4	4	Cq	Cq	Cq	Cps	
	Mildenhall	1036.1	-8	NE	4	C	33	65	8	5	-	-	9	9	3000	1035.7	0	NNE	4	33	75	7	5	-	9	9	3500	3	*	Cmoc	C	Cbcmo	Cbcmo	
	Cranwell	1037.9	-6	NE	3	C	32	85	7	5	-	-	9	9	3000	1037.6	-2	N	3	30	75	7	5	-	9	9	3500	3	*	C	C	Cbcmo	Cbcmo	
3	Birmingham	1037.3	-6	NE	3	Zo	31	55	5	5	-	-	3	3	2500	1037.0	0	NNE	3	30	65	5	5	-	4-6	9	2500	3	*	CmZ	CZ	Cbec	Cm	
	Upper Heyford	1037.0	-8	NNE	3	Zo	31	65	7	5	-	-	10	10	3200	1036.4	-2	NNE	3	30	65	7	5	-	4	9	2500	3	*	CZ	C	Ccmo	Ccmo	
4	Ross-on-Wye	1037.6	-6	ENE	3	C	31	65	8	5	-	-	9	9	4000	1037.3	0	NNE	3	29	75	6	5	-	7-8	7-8	4000	4	*	Cbec	Cq	Ccmo	Ccmo	
5	Hartland Point	1036.8	-12	NE	3	C	31	75	6	5	-	-	7-8	7-8	2500	1035.9	-4	N	3	31	65	8	5	-	2-3	2-3	2500	3	3	C	Cbc	Cbc	Cbc	
	Bristol ...	1037.4	-12	NE	3	Zo	32	65	6	5	-	-	9	9	4500	1036.3	-4	N	3	30	65	8	5	-	2-3	2-3	3500	3	3	C	Cbc	Cbc	Cbc	
	Portland Bill	1035.9	+12	NE	4	C	32	92	8	5	-	-	10	10	4000	1035.3	+4	N	4	30	92	8	5	-	7-8	7-8	3500	3	3	C	Cbc	Cbc	Cbc	
	Plymouth	1037.1	-10	ENE	4	bc	32	55	8	1	-	-	2-3	3000	1036.4	0	N	2	28	65	4	4	-	7-8	7-8	3500	3	3	C	Cbc	Cbc	Cbc		
	The Lizard	1036.2	-4	NE/E	4	bc	32	75	8	8	-	-	4-6	4-6	2000	1035.7	0	N	2	28	65	4	4	-	4-6	4-6	2500	3	3	C	Cbc	Cbc	Cbc	
	Scilly (St. Mary's)	1036.7	-6	E	2	C	35	75	8	8	-	-	7-8	7-8	1800	1035.9	0	N	1	26	85	8	8	-	4-6	4-6	1800	3	3	C	Cbc	Cbc	Cbc	
	Guernsey	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Pembroke	1038.3	-4	E/S	3	bc	32	85	8	2	-	1	2-3	4500	1037.4	-2	NNE	2	27	92	7	5	-	2-3	2-3	4000	3	1	C	Cbc	Cbc	Cbc		
7	Holyhead	1038.8	-6	SE	4	bc	32	75	7	7	-	4	2-3	3400	1038.0	-2	ENE	3	30	72	7	5	-	1	Tr	0800	3	2	C	Cbc	Cbc	Cbc		
	Chester (Sealand)	1039.2	-6	-	0	Zo	35	55	6	5	3	-	7-8	23	5700	1038.7	+2	-	20	92	4	5	-	2-3	2-3	3000	3	2	C	Cbc	Cbc	Cbc		
8	Manchester	1037.2	-10	NE/E	3	Zo	32	85	5	5	3	-	2-3	46	4500	1038.6	0	NE	1	24	97	3	-	0	0	0	3	3	C	Cbc	Cbc	Cbc		
10	Spurn Head	1038.3	-4	NE/E	4	C	34	85	7	8	-	-	7-8	7-8	2500	1037.4	0	NNE	4	32	85	7	8	-	9+	9+	2500	3	3	C	Cbc	Cbc	Cbc	
	Catterick	1037.7	-12	-	0	Zo	27	75	5	5	-	-	7-8	7-8	4000	1037.0	+2	NW	1	17	85	5	5	-	2-3	2-3	6000	3	3	C	Cbc	Cbc	Cbc	
	Tynemouth	1039.7	-8	W	2	Cf	30	85	3	8	-	-	7-8	7-8	3200	1039.1	+2	W	2	26	85	3	8	-	4-6	4-6	3200	3	2	C	Cbc	Cbc	Cbc	
11	St. Abbs Head	1038.4	-12	W	3	bc	28	75	8	4	4	-	2-3	2-3	2500	1038.2	+4	SW	2	23	75	7	4	-	2	Tr	1	2500	3	2	C	Cbc	Cbc	Cbc
	Leuchars	1038.8	-14	SW	1	Zo	26	97	5	-	6	6	4-6	-	1038.3	-2	SW	2	22	85	5	-	-	8	0	4-6	-	8	C	Cbc	Cbc	Cbc		
12	Renfrew (Abbots L.)	1038.5	-14	ESE	3	Zo	29	75	5	5	-	-	9	9	3500	1037.7	+6	ENE	2	23	85	2	5	-	1	1	4000	3	3	C	Cbc	Cbc	Cbc	
	Eskdalemuir	1040.4	-10	-	0	b	13	75	7	-	5	0	1	-	1039.8	-2	-	0	7	85	7	-	-	6	0	4-6	-	8	C	Cbc	Cbc	Cbc		
	Point of Ayre	1038.6	-8	S/E	4	C	33	75	8	5	-	-	9	9	2500	1037.3	0	SW	2	30	92	7	5	-	5	4-6	4-6	2500	3	2	C	Cbc	Cbc	Cbc
13A	Tiree	1031.6	-6	S	7	C	37	75	7	5	3	-	4-6	7-8	2800	1030.5	-4	S	6	39	75	7	5	-	9	9	2500	3	5	C	Cbc	Cbc	Cbc	
13B	Stornoway	1029.1	-6	S	8	C	39	75	7	5	7	-	7-8	9	1500	1027.3	0	S	8	40	85	7	5	-	7-8	10	1500	1	5	C	Cbc	Cbc	Cbc	
15	Dalwhinnie	1036.0	-14	S	4	C	25	92	8	2	-	7	1	10	1500	1035.0	0	S	4	24	92	8	2	-	4	1	4	2500	3	3	C	Cbc	Cbc	Cbc
	Aberdeen	1036.5	-12	SW	4	bc	29	65	6	-	6	0	2-3	-	1035.4	-8	SW	3	26	75	6	-	-	7	0	1	-	8	C	Cbc	Cbc	Cbc		
	Wick	1031.1	-20	SSW	6	Cq	35	97	7	5	1	6	2-3	9	2500	1029.3	-8	SSW	6	38	92	7	5	-	Tr	Tr	2500	4	4	C	Cbc	Cbc	Cbc	
16	Lerwick	1030.9	-12	SW	7	C	38	75	7	5	7	-	4-6	7-8	1500	1025.8	-12	SSW	7	38	75	7	5	-	4-6	7-8	1500	3	3	C	Cbc	Cbc	Cbc	
17	Blacksod Point	1029.9	0	SSE	5	Cf	43	97	7	6	-	-	10	10	800	1029.2	+2	SSE	6	44	92	7	6	-	10	10	800	1	3	C	Cbc	Cbc	Cbc	
18	Malin Head	1032.5	+4	S	3	C	36	85	7	5	2	-	4-6	7-8	1500	1030.9	-6	S	3	36	75	7	6	-	9	9	1500	3	3	C	Cbc	Cbc	Cbc	
	Aldergrove	1036.9	-10	S/E	3	bc	34	75	7	5	-	2	Tr	4-6	3000	1035.5	-2	SSE	3	32	85	7	-	3	0	4-6	-	3	C	Cbc	Cbc	Cbc		
19	Birr Castle	1034.8	-4	SSE	3	C	37	75	8	5	-	-	9	9	2500	1034.4	0	SSE	2	35	85	8	5	-	4-6	4-6	4000	3	3	C	Cbc	Cbc	Cbc	
20><																																		

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 4th January				18h. G.M.T.				01h. G.M.T. 5th January				07h. G.M.T.			
IIIC ₁ C ₂	wwVhN _h	DDFWN	C ₁ C ₂	wwVhN _h	DDFWN	C ₁ C ₂	wwVhN _h	DDFWN	C ₁ C ₂	wwVhN _h	DDFWN	C ₁ C ₂	wwVhN _h	DDFWN	C ₁ C ₂
109	57	01661	17515	07	01690	17612	5-	02666	17416	5-	51648	17458			
115	53	02844	20426	53	02844	20426	52	14844	53527	52	14845	53628			
203							5-	03738	18328						
206	50	02881	20427	03	01890	20515	57	02864	53525	57	02864	20426			
210	05	02890	18417	07	01890	17214	07	01890	17114	50	00862	17222			
220	53	04845	18728							5-	54448	21658			
230	5-	05667	13327	53	05663	14419	50	01673	16313	50	05664	16214			
245	00	05690	24314	00	05690	21322	00	05690	22100	00	05690	21100			
260	00	05390	00043	00	08490	00040	00	05690	00040	00	08490	00000			
277	5-	02757	14427	53	02756	15427	5-	05657	16427	5-	02758	15528			
279	00	05590	05203	00	08490	12214	00	08490	06200	00	00790	13100			
285	13	00851	32202	13	01852	30314									
288	5-	08464	22124	5-	08467	18117	00	08490	20100	00	08490	22100			
273	85	05653	17615												
301	00	05590	08120	00	08490	00000				00	05690	06100			
321	5-	05668	30228	50	05564	02215	50	05564	30314	50	05563	27313			
299	5-	02746	07316							50	01754	02314			
292	5-	02866	04126	50	05664	30114				00	00790	00000			
310	--	01634	08414												
316	5-	02667	02227	50	08465	32115	5-	08464	02244						
333	50	01863	08203	00	00790	00000				00	05690	00000			
334															
340	50	01864	07314	00	05690	06110				00	05290	32140			
136	8-	71867	04477	5-	02866	04376	50	01864	04314						
336	24	01792	08413	24	01752	08404									
350	5-	02768	32328				5-	02767	02327	5-	05667	0222-			
368															
379	5-	02757	04327	5-	05667	06427	5-	05670	06327	5-	05656	06326			
390	80	71756	01476	5-	02757	02427	5-	02727	02428	5-	02758	02428			
382	5-	02767	03327	5-	05666	02326	5-	05658	32328	5-	05658	32328			
438	8-	26646	02576							8-	03648	02428			
430	10	05653	02413	5-	05668	02413	5-	05668	02428	5-	05668	02428			
409				50	05661	05101	00	05690	06200	50	05663	04303			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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 highest over South Sweden. A ridge of high pressure extends across England to North Spain, but will gradually decrease in intensity.

Cold frosty weather will continue over most of the British Isles. There will be considerable cloud in Southeastern districts with flurries of light snow, but elsewhere weather will be fair or fine except for occasional rain or drizzle on the extreme west and northwest seaboard.

FURTHER OUTLOOK.

Little change yet indicated.

↓ Gale warning issued at 0950 on 3.1.41
in districts 13A, 16 and at 2100 on 4.1.41
in districts 13B, 17 and 20.

Forecasts issued at 10.30 G.M.T.

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

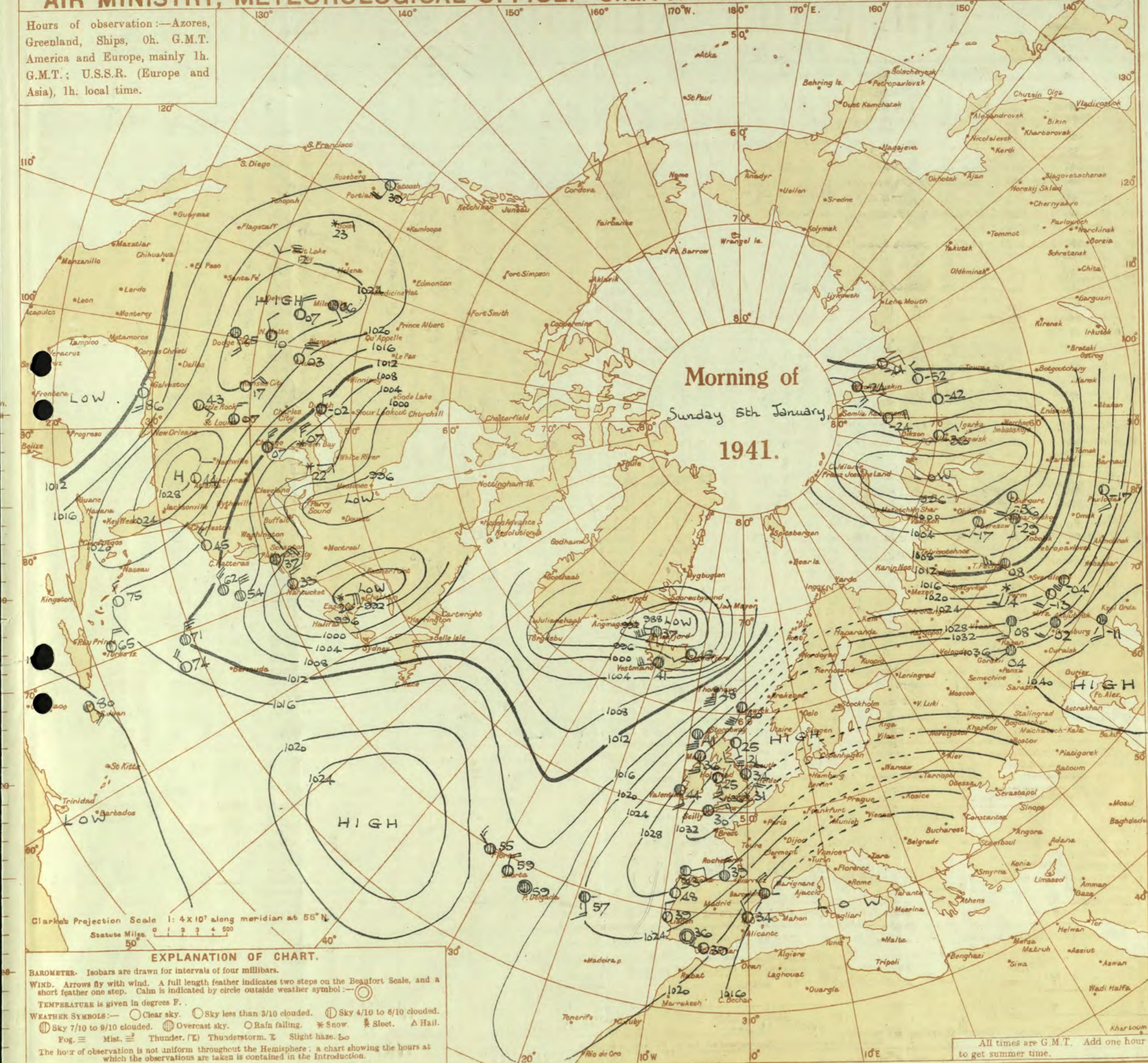
H.M.S.O. Press, Cornwall House, S.E.1.

270,2894 W.P.C. 2.3705, 2.248, 2.300, 1/41

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 5th January
1 S.E. England	Light to moderate northeast wind, fresh locally on the southeast coast; cloudy or dull; local flurries of light snow chiefly near the coast; temperature near but mainly below freezing point day and night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Light to moderate easterly wind; mainly cloudy toward the East, bright periods in the West; cold; keen frost.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Light variable winds; fine or fair; thick haze in industrial areas; frosty with severe frost in places at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. ↓ B.N.W.Scot- ↓ land.	Moderate to fresh southerly to southwest winds, strong to gale at times on the coast; fair apart from occasional rain or drizzle near the coast; rather cold; frost inland at night.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands ↓	Fresh southerly winds; strong locally on coast; mainly cloudy; some occasional rain or drizzle near the west coast; rather cold.
17 N. W. Ireland ↓	
18 N. E. Ireland	Moderate southerly wind; fair; rather cold; slight frost locally at night.
19 S. E. Ireland	
20 S. W. Ireland ↓	As 17.

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

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



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 5th January 1941.
No. 29899

OBSERVATIONS at 1 hr. G.M.T. 5th January														OBSERVATIONS at 7 hr. G.M.T. 5th January														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (6)	Temp. °F. (7)	Humid. % (8)	Visibility. 0-9 (9)	Cloud.				Barom. 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)	TEMPERATURE.				RAINFALL.		SUN-SHINE Hrs. (36)			
					Direc. (3)	Force. (4)					Form.		Amount. (12)	Height of Base. (feet) (14)			Direc. (17)	Force. (18)					Low. (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)	
											Low. (10)	Med. (11)																									High. (13)
1	London (Kew) ... 217	18	1032.2	-10	NE	4	18	31	85	5	5	10	10	2500	1030.9	-8	N/E	4	sh	33	65	6	5	-	-	10	10	2500	3	*	33	32	30	Tr	Tr	0.2	
	Croydon ... 226	1032.0	-20	NNE	3	20	32	75	6	5	-	10	10	3000	1031.6	-4	NNE	3	c/s	31	62	6	5	-	-	10	10	2000	3	*	32	30	30	Tr	Tr	0.6	
	S. Farnborough ... 417	1033.9	-10	N/E	3	20	29	75	6	5	-	10	10	3000	1032.4	-6	N/E	3	c	30	75	7	5	-	-	10	10	3000	4	*	34	31	30	Tr	-	0.9	
	Boscombe Down ... 8	1032.4	-10	NNE	3	20	32	75	6	5	7	10	10	2500	1031.1	-6	N/E	3	sh	22	75	6	5	-	-	10	10	2500	4	*	30	28	23	-	Tr	0.3	
	Calshot (Stmntn.) ... 346	1030.9	-8	ENE	3	18	32	72	7	-	2	10	10	1200	1029.4	-10	E	3	sh	32	85	7	-	2	-	10	10	1500	8	3	34	31	30	0.1	Tr	0.0	
	Lympe ... 154	1031.1	-6	NNE	6	c/s	32	75	6	5	-	10	10	2000	1029.5	-10	NNE	4	c/s	33	85	7	5	-	-	10	10	1700	3	*	34	32	29	Tr	Tr	*	
2	Shoeburyness ... 11	1032.2	-6	NE/E	5	sh	34	85	6	5	-	10	10	2500	1030.5	-14	N/E	2	phr	31	85	6	5	-	-	10	10	2500	8	*	31	30	29	Tr	0.3		
	Felixstowe ... 15	1032.1	-8	NE/N	5	sh	35	85	6	8	-	9	9	1500	1030.7	-10	NNE	4	is	33	85	6	5	-	-	10	10	2000	8	3	32	32	31	0.4	Tr	0.0	
	Gorleston ... 5	1034.2	-6	N/E	3	20	31	97	6	5	-	7-8	7-8	3500	1031.4	-10	NE/E	5	9ps	35	75	6	8	-	-	10	10	1500	4	4	34	33	32	-	Tr	0.3	
	Mildenhall ... 19	1034.2	-6	N/E	3	20	31	97	6	5	-	7-8	7-8	3500	1032.3	-10	N/E	2	20	31	75	6	5	-	-	10	10	3700	8	*	33	29	22	-	-	0.2	
	Cranwell ... 240	1036.0	-10	NNE	3	20	27	75	6	5	-	7-8	7-8	3000	1034.6	-6	N/W	3	20	22	85	6	5	-	-	7-8	7-8	3000	8	*	32	22	20	-	-	0.0	
3																																					

LONDON OBSERVATIONS.												EXPLANATION OF FIGURES, LETTERS, etc.											
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.												Columns 2, 16. The barometric tendency is expressed in tenths of a millibar.											
Columns 8, 22—Code for surface visibility. Objects not visible at 0 Dense fog 55 yards. 1 Thick fog 220 " 2 Fog 550 " 3 Moderate fog 1,100 " 4 Mist or haze 1½ miles. 5 Poor visibility 2½ " 6 Moderate 6½ " 7 Good 12½ " 8 Very good 31 " 9 Excellent beyond 31m.																							
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.																							
Columns 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																							
Kew... .. Croydon Greenwich (Royal Observatory)... City (Bunhill Row) Westminster (St. James' Park) ... Regents Pk. (Botanic Gardens)... Camden Square Kensington Hampstead Observatory												Columns 3, 19. The barometric tendency is expressed in tenths of a millibar.											
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‡ 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.

BRITISH SECTION

Monday 6th January, 1941.
No. 28,200

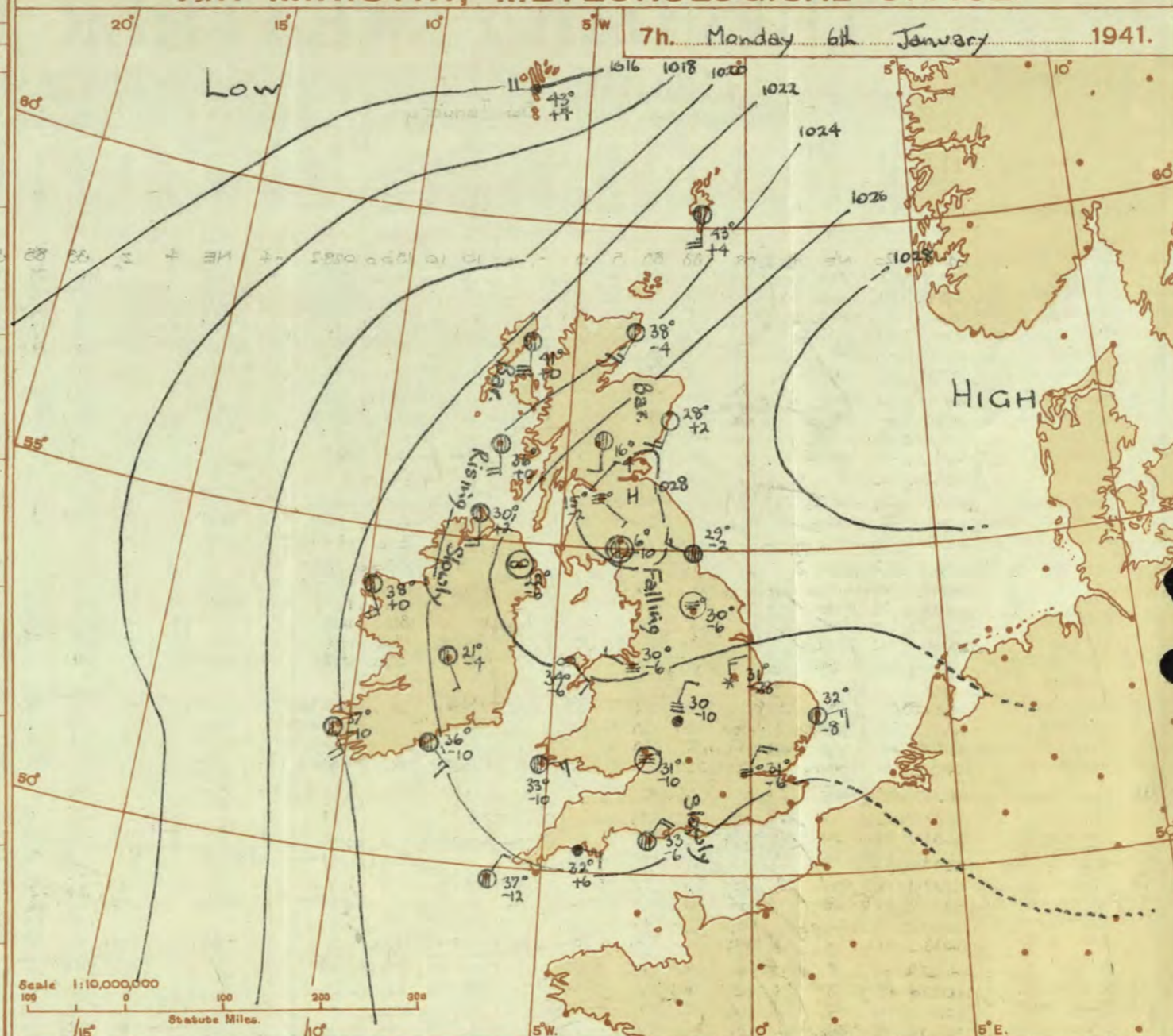
OBSERVATIONS at 13h. G.M.T. 5th January														OBSERVATIONS at 18h. G.M.T. 5th January														PAST 24 HOURS				
Dissect.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. °F. (7)	Visibility. m. (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. °F. (21)	Visibility. m. (22)	Cloud.				Barom. at M.S.L. mb. (28)	Change in 8 hours. (29)	WEATHER.				
				Direc.	Force. 0-12 (4)					Form.	Amount. 0-10 (12)	Height of Base (feet) (14)	Direc.			Force. 0-12 (18)	Form.					Amount. 0-10 (25)	Height of Base (feet) (27)	State of Ground. (30)	Sea. (31)			7h.-18h.				
																												7h.-18h. 5th (37)	18h.-5th 5th (38)	5th-1h. 5th (39)	1h.-7h. 6th (40)	
1	London (Kew)...	1019.0	-2.0	Z	2	3	38	85	5	-	10	10	1000	1023.2	-4	Z	2	3	38	85	5	-	10	10	1000	1023.2	-4	3	3	3	3	3
	Croydon ...	1018.8	-2.2	Z	2	3	38	85	5	-	10	10	1000	1023.0	-4	Z	2	3	38	85	5	-	10	10	1000	1023.0	-4	3	3	3	3	3
	S. Farnborough	1019.6	-2.0	Z	2	3	38	85	5	-	10	10	1000	1023.0	-4	Z	2	3	38	85	5	-	10	10	1000	1023.0	-4	3	3	3	3	3
	Boscombe Down	1019.0	-2.2	Z	2	3	38	85	5	-	10	10	1000	1023.0	-4	Z	2	3	38	85	5	-	10	10	1000	1023.0	-4	3	3	3	3	3
	Calshot (Soton.)	1018.9	-2.2	Z	2	3	38	85	5	-	10	10	1000	1027.3	-2	Z	2	3	38	85	5	-	10	10	1000	1027.3	-2	3	3	3	3	3
	Lympe	1017.6	-1.6	Z	2	3	38	85	5	-	10	10	1000	1027.1	-2	Z	2	3	38	85	5	-	10	10	1000	1027.1	-2	3	3	3	3	3
	Manston	1017.7	-1.6	Z	2	3	38	85	5	-	10	10	1000	1027.2	-2	Z	2	3	38	85	5	-	10	10	1000	1027.2	-2	3	3	3	3	3
2	Shoeburyness ...	1018.9	-1.6	Z	2	3	38	85	5	-	10	10	1000	1028.1	-2	Z	2	3	38	85	5	-	10	10	1000	1028.1	-2	3	3	3	3	3
	Felixstowe ...	1019.1	-1.4	Z	2	3	38	85	5	-	10	10	1000	1028.4	-2	Z	2	3	38	85	5	-	10	10	1000	1028.4	-2	3	3	3	3	3
	Gorleston	1019.2	-1.3	Z	2	3	38	85	5	-	10	10	1000	1029.1	-2	Z	2	3	38	85	5	-	10	10	1000	1029.1	-2	3	3	3	3	3
	Mildenhall	1019.0	-1.5	Z	2	3	38	85	5	-	10	10	1000	1029.1	-2	Z	2	3	38	85	5	-	10	10	1000	1029.1	-2	3	3	3	3	3
	Cranwell	1018.0	-2.2	Z	2	3	38	85	5	-	10	10	1000	1030.2	-1.0	Z	2	3	38	85	5	-	10	10	1000	1030.2	-1.0	3	3	3	3	3
3	Birmingham	1018.8	-1.2	Z	2	3	38	85	5	-	10	10	1000	1030.0	-4	Z	2	3	38	85	5	-	10	10	1000	1030.0	-4	3	3	3	3	3
	Upper Heyford	1018.1	-2.0	Z	2	3	38	85	5	-	10	10	1000	1028.9	-1.0	Z	2	3	38	85	5	-	10	10	1000	1028.9	-1.0	3	3	3	3	3
4	Ross-on-Wye ...	1018.2	-2.0	Z	2	3	38	85	5	-	10	10	1000	1029.4	-1.0	Z	2	3	38	85	5	-	10	10	1000	1029.4	-1.0	3	3	3	3	3
5	Hartland Point	1030.7	-2.0	Z	2	3	38	85	5	-	10	10	1000	1028.5	-1.2	Z	2	3	38	85	5	-	10	10	1000	1028.5	-1.2	3	3	3	3	3
	Bristol ...	1031.3	-3.0	Z	2	3	38	85	5	-	10	10	1000	1029.2	-1.0	Z	2	3	38	85	5	-	10	10	1000	1029.2	-1.0	3	3	3	3	3
	Portland Bill ...	1028.0	-2.0	Z	2	3	38	85	5	-	10	10	1000	1027.1	-1.0	Z	2	3	38	85	5	-	10	10	1000	1027.1	-1.0	3	3	3	3	3
	Plymouth	1029.3	-1.3	Z	2	3	38	85	5	-	10	10	1000	1028.7	-1.0	Z	2	3	38	85	5	-	10	10	1000	1028.7	-1.0	3	3	3	3	3
	The Lizard	1029.4	-1.6	Z	2	3	38	85	5	-	10	10	1000	1028.0	-1.0	Z	2	3	38	85	5	-	10	10	1000	1028.0	-1.0	3	3	3	3	3
	Scilly (St. Mary's)	1030.0	-1.0	Z	2	3	38	85	5	-	10	10	1000	1028.1	-1.4	Z	2	3	38	85	5	-	10	10	1000	1028.1	-1.4	3	3	3	3	3
	Guernsey	1031.8	-1.2	Z	2	3	38	85	5	-	10	10	1000	1029.6	-1.0	Z	2	3	38	85	5	-	10	10	1000	1029.6	-1.0	3	3	3	3	3
6	Pembroke	1032.4	-1.8	Z	2	3	38	85	5	-	10	10	1000	1029.6	-1.0	Z	2	3	38	85	5	-	10	10	1000	1029.6	-1.0	3	3	3	3	3
7	Holyhead	1033.1	-1.4	Z	2	3	38	85	5	-	10	10	1000	1030.9	-1.0	Z	2	3	38	85	5	-	10	10	1000	1030.9	-1.0	3	3	3	3	3
	Chester (Sealand)	1033.3	-1.4	Z	2	3	38	85	5	-	10	10	1000	1031.4	-1.0	Z	2	3	38	85	5	-	10	10	1000	1031.4	-1.0	3	3	3	3	3
8	Manchester	1033.0	-1.0	Z	2	3	38	85	5	-	10	10	1000	1031.4	-1.0	Z	2	3	38	85	5	-	10	10	1000	1031.4	-1.0	3	3	3	3	3
10	Spurn Head	1031.6	-1.8	Z	2	3	38	85	5	-	10	10	1000	1032.2	-1.0	Z	2	3	38	85	5	-	10	10	1000	1032.2	-1.0	3	3	3	3	3
	Catterick	1033.3	-2.0	Z	2	3	38	85	5	-	10	10	1000	1032.1	-1.0	Z	2	3	38	85	5	-	10	10	1000	1032.1	-1.0	3	3	3	3	3
	Tynemouth	1033.9	-1.0	Z	2	3	38	85	5	-	10	10	1000	1032.1	-1.0	Z	2	3	38	85	5	-	10	10	1000	1032.1	-1.0	3	3	3	3	3
11	St. Abbs Head	1033.0	-1.2	Z	2	3	38	85	5	-	10	10	1000	1031.4	-1.0	Z	2	3	38	85	5	-	10	10	1000	1031.4	-1.0	3	3	3	3	3
	Leuchars	1032.3	-1.0	Z	2	3	38	85	5	-	10	10	1000	1031.7	-1.0	Z	2	3	38	85	5	-	10	10	1000	1031.7	-1.0	3	3	3	3	3
12	Renfrew (Abbots L.)	1032.3	-1.4	Z	2	3	38	85	5	-	10	10	1000	1033.2	-1.0	Z	2	3	38	85	5	-	10	10	1000	1033.2	-1.0	3	3	3	3	3
	Eskdalemuir	1034.0	-1.2	Z	2	3	38	85	5	-	10	10	1000	1031.0	-1.0	Z	2	3	38	85	5	-	10	10	1000	1031.0	-1.0	3	3	3	3	3
	Point of Ayre	1033.0	-1.2	Z	2	3	38	85	5	-	10	10	1000	1031.0	-1.0	Z	2	3	38	85	5	-	10	10	1000	1031.0	-1.0	3	3	3	3	3
13A	Tiree	1016.2	-1.0	Z	2	3	38	85	5	-	10	10	1000	1028.1	-1.0	Z	2	3	38	85	5	-	10	10	1000	1028.1	-1.0	3	3	3	3	3
13B	Stornoway	1028.9	-1.8	Z	2	3	38	85	5	-	10	10	1000	1024.2	-1.0	Z	2	3	38	85	5	-	10	10	1000	1024.2	-1.0	3	3	3	3	3
15	Dalwhinnie	1030.1	-1.4	Z	2	3	38	85	5	-	10	10	1000	1028.5	-1.0	Z	2	3	38	85	5	-	10	10	1000	1028.5	-1.0	3	3	3	3	3
	Aberdeen	1029.5	-1.8	Z	2	3	38	85	5	-	10	10	1000	1025.1	-1.0	Z	2	3	38	85	5	-	10	10	1000	1025.1	-1.0	3	3	3	3	3
	Wick	1026.6	-1.4	Z	2	3	38	85	5	-	10	10	1000	1024.6	-1.0	Z	2	3	38	85	5	-	10	10	1000	1024.6	-1.0	3	3	3	3	3
16	Lerwick	1025.7	-1.8	Z	2	3	38	85	5	-	10	10	1000	1024.6	-1.0	Z	2	3	38	85	5	-	10	10	1000	1024.6	-1.0	3	3	3	3	3
17	Blacksod Point..	1026.2	-1.2	Z	2	3	38	85	5	-	10	10	1000	1024.6	-1.0	Z	2	3	38	85	5	-	10	10	1000	1024.6	-1.0	3	3	3	3	3
18	Malin Head	1027.8	-1.0	Z	2	3	38	85	5	-	10	10	1000	1026.8	-1.0	Z	2	3	38	85	5	-	10	10	1000	1026.8	-1.0	3	3	3	3	3
	Aldergrove	1031.9	-1.4	Z	2	3	38	85	5	-	10	10</																				

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 5th January	18h. G.M.T.	01h. G.M.T. 6th January	07h. G.M.T.
III, C _M , ww, Vh, N, DDFWN	C _M , ww, Vh, N, DDFWN	C _M , ww, Vh, N, DDFWN	C _M , ww, Vh, N, DDFWN
10953 01762 1745+	5- 01674 17424	57 02664 17115	50 00662 18312
11552 02844 20+27	52 14844 52627	52 14844 53527	52 02844 20526
203	5- 01754 49714	5- 02847 16687	5- 02748 16728
2065+	01865 22326	50 00863 22113	00 00730 00010
2105+	01763 18113	00 05730 00000	04 00730 00001
220	5- 21518 13458		52 03635 21528
23053	5- 05654 14117	57 05654 14117	04 05690 14201
24520	05590 20300	00 17430 24200	00 08430 22100
26020	45330 00040	00 45330 00040	00 08430 00000
27750	02857 14427	5- 05657 15327	5- 01758 09325
279		00 05530 06100	
285			5- 05658 32128
288	0005330 1811+	5- 08457 20127	5- 05658 20128
273			5- 23558 20128
30100	05530 06200	00 47230 06140	5- 05558 02148
32150	05667 30327	5- 05558 30228	5- 78548 29278
29950	01745 06315	5- 78646 06376	5- 77338 32378
20253	05672 31303	5- 05557 28325	5- 05658 28328
310			5- 46109 04349
3165-	45366 32246	5- 45358 01348	5- 08458 32278
33300	00830 00000	00 17730 00000	5- 05668 22218
334			5- 05568 02228
34003	45330 32144	03 45230 32146	5- 45268 01148
1365-	23858 04378	5- 71648 06378	5- 78648 30178
336			02 51448 24632
3505-	02758 02338		5- 21328 01250
368			
3795-	05658 04328	5- 05548 02228	5- 57209 04253
3905-	08648 32478	52 08535 06478	52 52437 02258
3825-	23668 32278	5- 52538 01258	5- 21648 02158
43802	71438 4478		5- 03548 02228
4305-	05558 02428	5- 05546 02328	5- 05658 02328
4095-	02765 03315	5- 02758 04328	5- 02758 04228

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

GENERAL INFERENCE.

The anticyclonic system covering most of Central Europe and the British Isles is slowly decreasing in intensity, but will maintain cloudy, mainly frosty weather in most districts. There will be a little occasional light snow in the southeastern half of the country.

FURTHER OUTLOOK.

Mainly cloudy; cold weather continuing.

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

1 S.E. England	Light to moderate east to northeast wind; dull or cloudy;
2 E. England ...	
3 E. Midlands ...	occasional slight snow chiefly towards the east coast;
4 W. Midlands ...	
5 S.W. England	temperatures a little below freezing point day and night.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Calm to light variable wind; mainly cloudy; local mist or fog;
9 N. Midlands ...	continuing frosty but with much less severe night frost.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Light to moderate southwest winds, fresh at times on the coast; fair apart
14 Mid Scotland	from the chance of some coastal rain or drizzle; rather cold, local frost inland at night.
15 N. E. Scotland	
16 Orkneys and Shetlands	Fresh southwest winds; cloudy; occasional rain or drizzle; average temperature.
17 N. W. Ireland	
18 N. E. Ireland	Light to moderate southeast to south wind; fair; rather cold;
19 S. E. Ireland	
20 S. W. Ireland	frost inland at night.

Forecasts issued at 10.30 a.m.

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

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

020/5584, H.K. 6048, 3.3705, 6p. 548, 9500, 1/41

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
Monday 6th January,
1941.

Clarke's Projection Scale 1: 4 x 10⁷ along meridian at 55° N.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:— ☉ Clear sky. ☁ Sky less than 3/10 clouded. ☂ Sky 4/10 to 8/10 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.

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

BRITISH SECTION

Monday, 6th January, 1941.

No. 28,900.

OBSERVATIONS at 1 hr. G.M.T. 5th January														OBSERVATIONS at 7 hr. G.M.T. 6th January														PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE Hrs.				
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																0-12		0-10	0-10	0-10	0-10
1	London (Kew) ... 18														1024.0	-6	NE	2	32	85	5	5							33	32	30	Tr	Tr	0.0			
	Croydon ... 217	1025.4	-14	NE	3	Sh	31	92	5	1	2	10	10	3000	1024.0	-6	NE	3	31	97	4	2	10	10	1800	3	3	33	32	30	Tr	Tr	0.0				
	S. Farnborough ... 226	1026.0	-10	NNE	2	Sh	32	85	6	1	1	10	10	1200	1024.3	-6	NE	3	31	92	5	5	10	10	600	5	3	33	31	30	Tr	Tr	0.0				
	Boscombe Down ... 417	1026.3	-10	NEN	2	Sh	30	92	6	1	1	10	10	1000	1024.4	-10	NE	3	32	97	5	5	10	10	1000	5	3	31	29	25	Tr	Tr	0.0				
	Calshot (Stmntn.) ... 8	1025.4	-10	NNE	1	Sh	32	85	6	1	1	10	10	1000	1029.3	-6	NNE	2	32	97	5	5	10	10	1000	5	3	34	31	31	Tr	Tr	0.0				
	Lympe ... 346														1023.8	-4	ENE	1	30	92	6	5	10	10	600	8	3	33	26	25	0.6	Tr	0.0				
	Manston ... 154	1025.1	-12	NEE	3	Sh	30	85	6	1	1	10	10	1700	1023.7	-6	ENE	2	30	92	6	5	10	10	600	8	3	34	26	25	0.6	Tr	0.0				
2	Shoeburyness ... 11														1023.5	-10	NE	2	31	97	6	5	10	10	1500	7	3	34	30	31	1	Tr	0.0				
	Felixstowe ... 15	1025.6	-14	NEE	3	Sh	33	92	5	1	1	10	10	3000	1025.1	-6	NEN	3	31	95	6	5	10	10	1000	7	3	34	32	31	1	Tr	0.0				
	Gorleston ... 5	1026.4	-12	ENE	4	Sh	35	85	6	1	1	10	10	1200	1024.3	-8	EN	3	32	85	6	5	10	10	1200	4	2	35	31	30	1	0.2	0.0				
	Mildenhall ... 19	1026.4	-16	N	2	Sh	31	92	6	1	1	10	10	2200	1024.4	-6	NNE	1	32	97	4	5	10	10	400	8	3	33	31	28	0.4	0.1	0.0				
	Cranwell ... 240	1028.1	-10	N	2	Sh	30	97	3	1	1	10	10	1500	1026.2	-6	N	3	32	92	2	5	10	10	600	8	3	32	29	27	1	0.1	0.0				
3	Birmingham ... 535														1025.5	-10	NNE	2	30	97	3	5	10	10	450	8	3	31	29	25	1	Tr	0.0				
	Upper Heyford ... 408	1027.1	-10	NE	2	Sh	30	97	4	1	1	10	10	400	1025.3	0	NE	3	30	97	3	5	10	10	2200	4	3	31	25	25	0.1	0.1	0.0				
4	Ross-on-Wye ... 223														1025.1	-10		0	31	92	4	5	10	10	800	5	3	32	30	23	1	0.1	0.0				
5	Hartland Point ... 299	1026.0	-12	ENE	4	Sh	33	85	7	1	1	10	10	2000	1024.1	-10	ENE	4	32	85	7	5	2	4.6	9.4	2500	8	3	33	31	29	1	Tr	0.0			
	Bristol ... 209	1027.3	-10	NNE	2	Sh	30	97	4	1	1	10	10	1200	1025.7	-10	ENE	2	30	97	3	5	2	4.6	9.4	2500	8	3	32	29	29	1	Tr	0.0			
	Portland Bill ... 32	1024.8	-12	NE	4	Sh	32	92	7	1	1	10	10	2500	1023.6	-6	NE	4	33	92	8	5	2	10	10	4000	1	4	34	29	29	1	Tr	0.0			
	Plymouth ... 82	1026.4	-10	ENE	1	Sh	32	75	6	1	1	6	4.6	3.4	3500	1024.5	-6	ES	2	32	92	6	5	2	8	10	2000	3	1	34	30	22	1	Tr	0.2		
	The Lizard ... 240	1025.4	-10	NNE	4	Sh	32	85	8	2	1	9	3	1500	1025.8	-4	NE	3	32	92	7	5	2	8	10	2500	3	2	31	30	22	1	Tr	0.2			
	Scilly (St. Mary's) ... 163	1026.0	-10	NEN	2	Sh	36	75	8	1	1	7.8	10	1800	1023.2	-12	NEN	1	37	65	7	5	2	7.8	10	1800	0	2	36	33	22	1	Tr	0.2			
	Guernsey ... 175																																				
6	Pembroke ... 142	1027.0	-10	NEE	3	Sh	31	85	7	1	1	7.8	10	3500	1024.7	-10	ENE	3	33	85	7	5	2	7.8	10	3000	3	2	31	25	25	1	Tr	6.1			
7	Holyhead ... 26	1028.3	-14	EN	3	Sh	32	75	7	1	1	4.6	4.6	500	1026.2	-6	SE	2	34	85	6	5	2	7.8	10	2200	3	2	34	25	13	1	Tr	6.2			
	Chester (Sealand) ... 16	1026.4	-12	NW	2	Sh	30	85	3	1	1	10	10	4000	1026.4	-6	NW	1	30	92	3	5	2	10	10	3000	8	3	27	19	17	1	Tr	3.1			
8	Manchester ... 70	1028.4	-12	NE	2	Sh	32	85	3	1	1	10	10	3500	1026.4	-6	NNE	1	32	85	4	5	2	10	10	3500	3	3	29	26	16	1	Tr	0.0			
10	Spurn Head ... 29	1026.5	-8	ES	2	Sh	35	97	7	1	1	10	10	2500	1025.1	-10	ENE	3	33	97	7	5	2	10	10	1500	0	2	36	33	22	1	Tr	0.5			
	Catterick ... 175	1025.3	-12	NE	2	Sh	25	85	5	1	1	10	10	2000	1027.5	-6	ENE	3	30	85	4	5	2	10	10	1500	8	3	27	21	11	1	Tr	2.1			
	Tynemouth ... 108	1029.7	-14	NW	3	Sh	24	75	6	1	1	9.4	9.4	3200	1027.3	-2	NW	3	29	85	6	5	2	10	10	2500	8	2	23	20	19	1	Tr	0.0			
11	St. Abbs Head ... 280	1029.5	-10	SW	4	Sh	25	65	7	1	1	Tr	Tr	2500	1027.7	-8	N	3	27	75	7	5	2	7.8	9.4	2500	8	2	27	24	22	1	Tr	0.0			
	Leuchars ... 36	1029.5	-10	SW	2	Sh	18	97	4	1	1	0	0	0	1028.2	-2	NW	1	14	97	5	1	2	0	0	0	8	3	27	11	8	1	Tr	0.0			
12	Beafrew (Abbots L.) ... 19	1030.1	-10	SW	0	Sh	15	97	1	1	1	0	0	0	1028.7	-2	SE	1	15	92	3	1	2	0	0	0	8	3	27	11	8	1	Tr	0.0			
	Eskdalemuir ... 794														1029.2	-10	SE	1	15	85	6	1	2	2.3	2.3	1500	8	3	25	1	6	1	Tr	2.8			
	Point of Ayre ... 30	1029.0	-8	SSE	2	Sh	33	85	6	1	1	4.6	4.6	2500	1026.6	-8	ENE	2	33	85	7	5	2	7.8	10	1800	5	3	24	29	22	1	Tr	1.5			
13a	Tiree ... 22														1024.4	0	S	4	36	75	8	5	2	7.8	7.8	2500	0	3	40	35	22	1	Tr	0.0			
13b	Stornoway ... 80	1023.6	-8	S	7	Sh	41	92	6	1	1	3	10	1500	1023.1	0	S	6	41	85	6	5	2	7.8	7.8	2500	0	3	40	35	22	1	Tr	0.0			
15	Dalwhinnie ... 1176														1027.7	-4	S	2	16	85	6	5	2	4.6	4.6	2500	8	3	31	10	5	1	Tr	0.0			
	Aberdeen ... 79														1026.7	+2	SSW	3	28	75	5	1	2	0	0	0	8	3	31	10	5	1	Tr	4.8			
	Wick ... 81	1024.3	-4</																																		

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday, 7th January 1941.
No. 28, 901

PAST 24 HOURS.

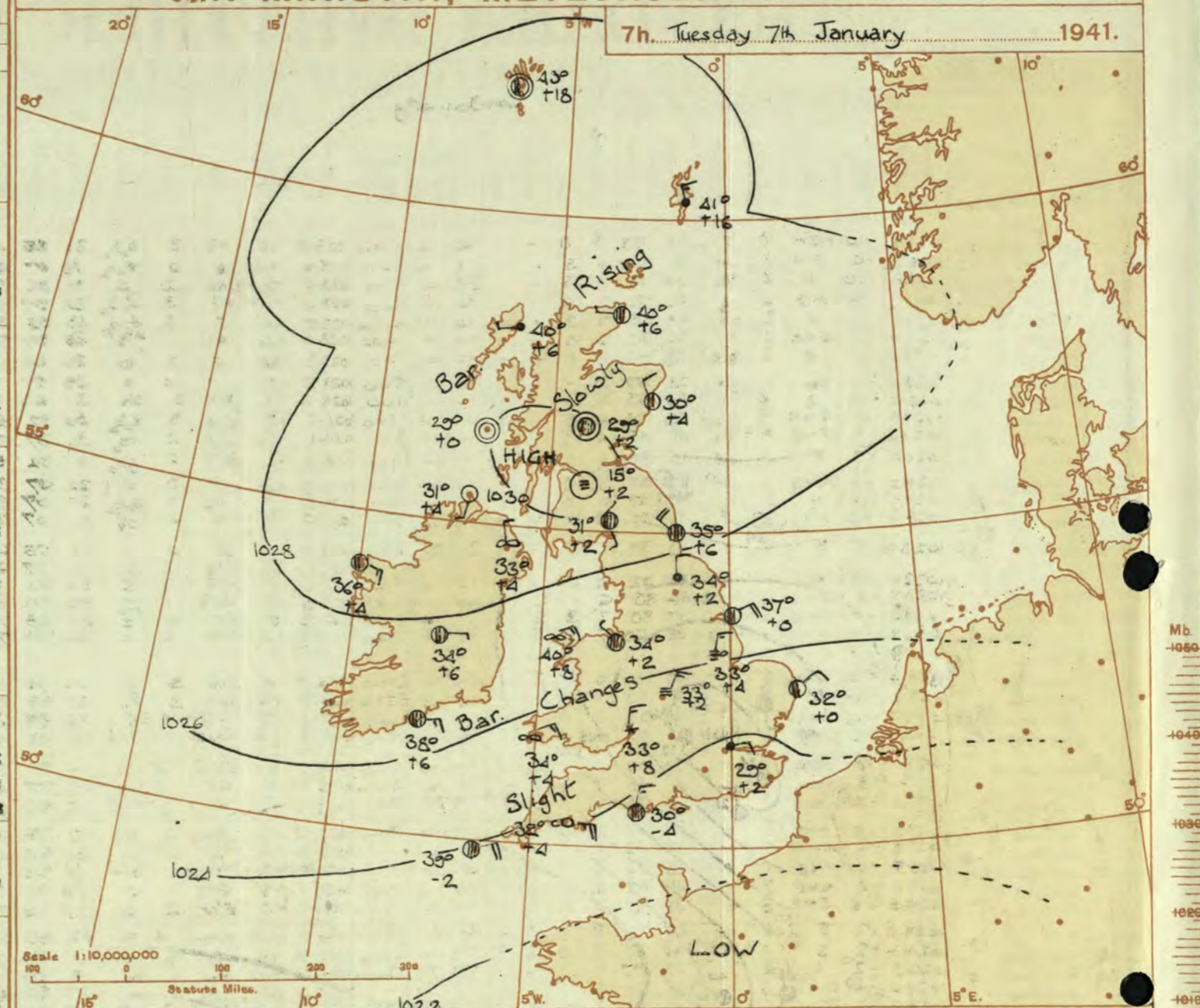
OBSERVATIONS at 13h. G.M.T. 6th January														OBSERVATIONS at 18h. G.M.T. 6th January														PAST 24 HOURS.							
Dist.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.					
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. Low 0-10 Total 0-10 (10-11)	Height of Base. (feet) (14)	Direc. (17)	Force 0-12 (18)			Form. (23)	Amount. Low 0-10 Total 0-10 (24-25)					Height of Base. (feet) (28)	7h.-13h. ...Gch... (37)	13h.-18h. ...Gch... (38)	18h. Gch to 1h.-7h. ...7sh... (39)	1h.-7h. ...7sh... (40)								
1	London (Kew)...	1023.1	-1.0	NE	2	3	33	85	5	-	-	10	10	1500	1023.5	+0.6	NE	3	5.5	30	85	4	6	2	-	7-8	10	1500	8	*	cm	3.5	so	ci	so
	Croydon ...	1023.2	-1.0	NE	2	3	31	87	4	5	-	7-8	10	1000	1023.4	+0.6	E	2	5.5	28	87	4	6	2	-	7-8	10	1000	8	*	cm	3.5	so	ci	so
	S. Farnborough	1023.3	-1.0	NE	2	3	30	85	5	5	-	7-8	10	1300	1023.8	+0.8	ENE	2	5.5	31	92	5	5	2	-	10	10	500	1	*	cm	3.5	so	ci	so
	Boscombe Down	1023.7	-1.0	NE	2	3	32	92	5	5	-	10	10	800	1023.2	+2	NE	3	5.5	32	97	5	5	2	-	10	10	1000	3	*	cm	3.5	so	ci	so
	Calshot (Soton.)	1023.1	-1.0	NE	2	3	34	85	5	5	-	10	10	1000	1022.9	+4	E	3	5.5	33	92	5	5	2	-	10	10	1200	1	2	cm	3.5	so	ci	so
	Lympe	1023.4	-1.0	NE	2	3	26	85	6	5	-	10	10	1000	1023.8	+0.6	NE	1	5.5	25	97	5	5	2	-	10	10	700	8	2	cm	3.5	so	ci	so
	Manston	1023.3	-1.0	NE	2	3	27	45	5	5	-	10	10	700	1023.3	+0.6	E	2	5.5	28	85	6	5	2	-	10	10	800	8	*	cm	3.5	so	ci	so
2	Shoeburyness ...	1023.6	-1.0	SE	2	3	29	97	5	-	2	-	10	10	800	1023.5	-2	-	0	29	97	5	-	2	-	10	10	800	7	*	id	isho	om	isho	
	Felixstowe	1023.6	-1.0	SE	2	3	30	85	6	5	-	10	10	1100	1023.3	+2	NNE	3	5.5	31	85	5	5	2	-	10	10	1200	7	2	id	isho	om	isho	
	Gorleston	1024.9	-1.0	SE	3	3	32	85	6	8	-	9	10	1200	1024.2	+2	ENE	3	5.5	30	92	5	8	-	-	10	10	1000	8	2	id	isho	om	isho	
	Mildenhall	1024.0	-1.0	SE	3	3	31	97	6	5	-	10	10	800	1024.1	+2	NE	2	5.5	30	97	5	5	2	-	10	10	600	8	*	id	isho	om	isho	
	Cranwell	1025.7	-2	SE	3	3	31	97	3	5	-	10	10	400	1025.5	+2	NE	2	5.5	31	92	5	-	2	-	10	10	800	8	*	id	isho	om	isho	
3	Birmingham	1024.0	-1.0	SE	2	3	32	97	3	5	-	10	10	450	1024.2	+2	NE	3	5.5	32	97	3	5	-	-	10	10	450	8	*	id	isho	om	isho	
	Upper Heyford	1024.1	-1.0	SE	2	3	32	97	4	5	-	10	10	300	1024.3	+2	NE	2	5.5	32	97	5	5	1	-	9	10	450	8	*	id	isho	om	isho	
4	Ross-on-Wye ...	1024.2	-1.0	SE	2	3	31	97	3	5	-	10	10	450	1024.0	0	N	2	5.5	33	97	2	5	-	8	10	10	450	4	*	id	isho	om	isho	
5	Hartland Point	1023.6	-1.0	SE	2	3	33	85	7	5	7	-	2-3	3+	2500	1023.5	+2	E	3	34	75	6	5	1	-	4-6	3+	2500	3	3	id	isho	om	isho	
	Bristol ...	1022.6	-1.2	SE	4	3	34	82	8	5	-	10	10	4000	1024.1	+2	NNE	3	32	97	2	5	-	-	10	10	4000	1	4	id	isho	om	isho		
	Portland Bill	1023.8	-1.0	SE	2	3	34	85	6	5	-	10	10	1000	1022.6	0	NNE	3	34	92	2	5	-	-	10	10	1000	1	4	id	isho	om	isho		
	Plymouth	1023.9	-1.0	SE	2	3	34	85	7	8	2	-	9	10	2000	1023.8	+4	NE	1	34	85	5	6	-	-	10	10	2500	3	1	id	isho	om	isho	
	The Lizard	1023.9	-1.0	SE	2	3	34	85	7	8	2	-	9	10	2000	1022.8	0	ENE	4	34	85	7	8	2	-	7-8	10	1500	1	2	id	isho	om	isho	
	Scilly (St. Mary's)	1022.8	-1.0	SE	2	3	34	85	7	8	2	-	7-8	9+	1800	1022.6	+4	ENE	2	34	85	7	8	2	-	4-6	3+	1200	0	2	id	isho	om	isho	
	Guernsey	1024.0	-1.0	SE	2	3	34	85	6	5	2	-	4-6	10	2400	1024.2	0	ENE	3	35	85	6	5	2	-	7-8	10	2500	3	2	id	isho	om	isho	
6	Pembroke	1025.2	-1.0	SE	3	3	35	85	6	5	-	10	10	3200	1025.7	+0.6	ENE	3	37	85	6	5	-	-	10	10	3500	3	2	id	isho	om	isho		
7	Holyhead	1025.7	-1.0	SE	2	3	33	92	3	5	-	10	10	2100	1025.4	+2	NE	1	34	85	2	5	-	-	10	10	1500	8	*	id	isho	om	isho		
8	Chester (Sealand)	1025.5	-1.0	SE	2	3	36	85	4	5	-	9	9+	2800	1025.4	+4	NNE	1	35	92	4	5	-	-	10	10	2400	3	*	id	isho	om	isho		
	Manchester	1025.5	-1.0	SE	2	3	36	85	4	5	-	9	9+	2800	1025.4	+4	NNE	1	35	92	4	5	-	-	10	10	2400	3	*	id	isho	om	isho		
10	Spurn Head	1025.1	-1.0	SE	3	3	33	92	6	-	2	-	10	10	1600	1025.1	0	ENE	3	34	97	7	5	-	-	10	10	1500	0	3	id	isho	om	isho	
	Catterick	1027.6	-1.0	SE	3	3	31	85	7	5	2	-	7-8	10	2500	1026.8	0	NE	2	33	97	4	5	-	-	10	10	1800	6	*	id	isho	om	isho	
	Tynemouth	1027.1	-1.0	SE	3	3	34	85	5	8	-	7-8	7-8	2800	1027.5	+8	NW	3	35	92	5	8	-	-	9+	9+	2800	8	2	id	isho	om	isho		
11	St. Abbs Head	1027.6	-1.0	SE	3	3	31	85	7	5	2	-	7-8	10	2500	1027.9	+2	NW	2	32	75	6	5	2	-	7-8	10	2500	8	2	id	isho	om	isho	
	Leuchars	1027.8	-1.0	SE	3	3	22	92	4	-	-	0	0	-	1028.3	+6	W	2	20	85	4	-	3	-	0	4-6	-	8	*	id	isho	om	isho		
12	Renfrew (Abbots L.)	1028.5	-1.0	SE	1	3	16	92	2	-	-	0	0	-	1028.8	+6	N	1	18	92	1	-	-	-	0	0	-	8	*	id	isho	om	isho		
	Eskdalemuir	1027.5	-1.0	SE	2	3	25	92	6	5	-	10	10	1500	1028.1	+8	NNE	1	29	85	6	5	-	-	10	10	1500	8	*	id	isho	om	isho		
	Point of Ayre	1026.3	-1.0	SE	3	3	35	75	7	5	3	-	4-6	9+	1500	1026.6	+6	EN	2	37	75	7	5	-	-	9+	9+	2500	3	3	id	isho	om	isho	
13A	Tiree	1025.6	+2	S	4	3	37	75	8	5	3	-	2-3	4-6	1800	1026.5	+10	SSW	2	32	85	8	-	3	-	0	1	-	3	2	id	isho	om	isho	
13B	Stornoway	1024.4	+2	S	5	3	41	85	6	5	2	1	7-8	10	2000	1025.8	+8	S	4	41	85	7	5	7	-	7-8	10	1800	1	3	id	isho	om	isho	
15	Dalwhinnie	1026.3	-2	S	2	3	25	92	7	1	-	7-8	7-8	1200	1028.2	+10	SW	1	15	85	7	1	-	-	2-3	2-3	2500	8	*	id	isho	om	isho		
	Aberdeen	1025.9	-1.0	SW	3	3	31	65	6	-	-	0	0	-	1027.0	+10	W	1	27	55	4	-	-	-	0	0	-	8	2	id	isho	om	isho		
	Wick	1024.6	0	SW	3	3	40	92	8	7	7	5	2-3	4-6	2500	1025.6	+6	WNW	2	35	97	5	5	7	6	4-6	7-8	1500	1	2	id	isho	om	isho	
16	Lerwick...	1024.1	-4	SW	4	3	44	85	7	5	7	-	7-8	9	1500	1025.0	+6	SW	5	43	92	6	5	2	-	7-8	10	800	1	*	id	isho	om	isho	
17	Blackad Point...	1023.6	-2	SE	2	3	38	75	8	-	4	4	0	4-6	-	1025.6	+14	ESE	4	36	75	8	-	-	4	0	4-6	-	0	3	id	isho	om	isho	
18	Malin Head	1025.7	+4	S	2	3	34	85	6	5	-	2-3	2-3	5700	1027.0	+16	S	1	29	85	8	-	-	-	0	0	-	0	3	2	id	isho	om	isho	

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 6th January				18h. G.M.T.				01h. G.M.T. 7th January				07h. G.M.T.			
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN
109	50	02655	18115	5-	03648	18128	5-	06648	24128	5-	03638	32258			
115	52	02744	20457	52	51634	20457	52	62645	20468	52	81735	20488			
203								5-	02746	16416					
206	54	02765	24126	03	00014	26334	03	02790	00027	57	51654	00058			
210	57	01761	12114	03	00890	18112	52	02757	23318	52	51646	23328			
220	53	02845	18316	52	02754	18228				52	03644	14120			
230	53	05664	10217	50	05553	10113	50	05554	10214	00	05690	10110			
245	00	05590	26200	00	05590	22300	00	05590	26200	5-	05548	26328			
260	00	08490	00000	5-	45368	00048	00	45290	00040	00	93390	00040			
277	54	00861	07302	5-	02867	04217	00	05690	28110	00	00790	00000			
279	5-	05648	03128	5-	05658	00028				5-	05658	00028			
285	5-	03638	02328	5-	03738	04328				5-	04635	04325			
288	57	23456	24177	5-	67347	28157	5-	51458	02258	5-	22448	32268			
273	00	05790	00000							53	05552	06104			
301	5-	08468	04148	5-	45358	04248	5-	05558	32148	5-	08458	31158			
321	6-	68328	04178	02	52348	04158	5-	05657	01357	5-	68548	01378			
299				5-	03648	04278	5-	03748	02328	5-	03748	02428			
292	5-	23548	26278	5-	57338	32268	5-	47348	28148	02	57338	28268			
310	--	87209	32449	--	46209	32449				--	02538	32428			
316	52	68525	03278	5-	21328	06178	5-	41448	02278	5-	02548	01328			
333	5-	02768	00028	5-	05667	02127	5-	05667	00027	5-	05658	28228			
334															
340	5-	45348	02158	5-	43357	04157	5-	68448	01178	5-	05648	03378			
136	5-	78748	07278	02	72438	04178	02	72538	00078	02	72538	02178			
336	50	05648	04428	50	05548	08328				50	05648	32428			
350										5-	68548	02178			
368	5-	51348	04148												
379	--	46109	04349	5-	61528	03278	--	77209	04379	6-	72328	06378			
390	5-	52528	03278	5-	77326	04278	5-	07438	32278	5-	57338	04378			
382	5-	57328	32158	52	78437	03278	5-	68538	32278	5-	51448	02258			
438	5-	05338	02228							02	03529	02229			
430	5-	41448	32178	5-	51448	00058	5-	08448	04128	5-	71448	04178			
409	5-	05668	09228	5-	05668	10228	5-	05658	08228	5-	05647	02257			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th January 1941
1 S.E. England	Light or moderate N.E. wind; dull; slight snow or drizzle locally; local mist; temperature near freezing point; lower in extreme S.E.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Light N.E. wind; dull; slight rain locally; mist locally; slight thaw.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Light variable wind becoming N.E.; cloudy to dull; slight rain locally later; local valley fog; temperature rising with thaw later.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Light W. wind, veering N.E.; dull, with rain mainly slight; tending to improve later; average temperature.
14 Mid Scotland	
15 N. E. Scotland	Light variable wind; fair; rather cold; frost at night.
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7-10.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.
Pressure is becoming highest to Northward of Scotland
Weather will be dull and rather cold but a thaw
has already set in except in South Scotland and
South England and will probably become general
within 36 hours. Slight rain will fall in many
districts and perhaps slight snow in the south.

FURTHER OUTLOOK.
Mainly dull and rather cold but slow thaw in
most areas; slight rain locally in eastern and
central districts.

Forecasts issued at 10.30. G.M.T.

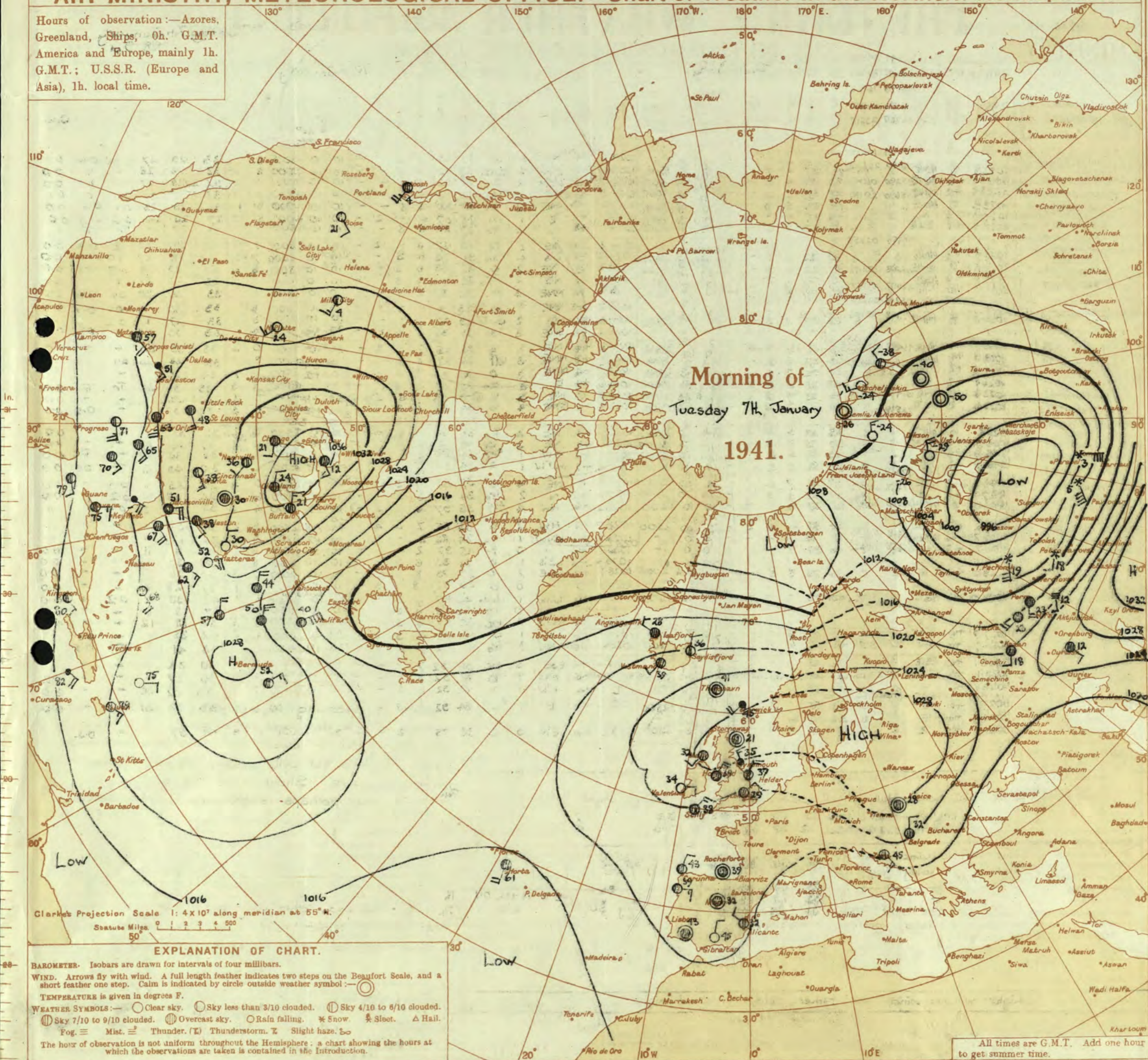
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

N.M.S.O. Press, Cornwall House & E.

710,0554. 04.04.0. 2.3705. 04.04.0. 2340. 1/41

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 7th January 1941.
No. 28 901

OBSERVATIONS at 1 hr. G.M.T. 7th January															OBSERVATIONS at 7 hr. G.M.T. 7th January															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUN-SHINE Hrs. (36)				
					Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)	Force. 0-12 (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (28)	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	*	*	*	*	*	*	*	*	*	*	*	1024.0	+4	NE	3	sh	30	85	5	5	-	-	10	10	1500	8	*	33	29	27	0.3	0.6	0.0				
	Croydon	217	1023.8	0	ENE	2	m	29	97	4	5	-	10	10	1023.6	+2	E'N	2	d.o.	29	92	4	5	-	-	10	10	1200	8	*	32	28	28	-	*	0.0			
	S. Farnborough	226	1024.1	-2	NNE	2	o/s	29	92	4	5	-	10	10	1024.2	+6	NEN	2	z	30	92	5	5	-	-	10	10	1100	4	*	34	29	27	Tr	1	0.0			
	Boscombe Down	417	1024.4	+2	NNE	2	z	27	97	5	5	-	10	10	1024.0	0	N'E	3	iso	29	97	4	5	-	-	10	10	1000	8	*	32	27	27	0.1	1	0.0			
	Calshot (Stmntn.)	8	1023.5	0	NNE	2	z	30	92	5	5	-	10	10	1023.5	+2	NNE	2	z	30	85	5	5	-	-	10	10	1800	8	*	34	29	29	0.1	0.6	0.0			
	Lympe	346	1023.9	-2	-	0	d.o.	26	97	4	5	-	10	10	1024.1	+6	E	1	m	25	97	4	5	-	2	-	10	10	600	8	*	27	25	24	0.6	0.5	0.0		
	Manston	154	1023.6	+2	SW'S	2	d.o.	27	92	5	5	-	10	10	1024.1	+8	E	2	z	27	85	5	5	-	-	10	10	1800	*	*	27	27	Tr	Tr	*	*			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1024.2	+10	SE	2	rs	29	97	5	-	2	-	10	10	800	7	*	32	28	29	2	0.4	0.0				
	Felixstowe	15	1023.8	-2	NNE	3	o/a	29	85	6	5	-	10	10	1024.0	+2	E'S	4	z	31	75	6	5	-	-	10	10	2000	7	3	32	28	27	1	0.1	0.0			
	Gorleston	5	1024.5	0	ENE	3	c	31	92	6	8	-	10	10	1024.5	0	NE	2	c	32	85	6	8	-	-	10	10	1300	8	2	32	29	28	0.5	0.2	0.0			
	Mildenhall	19	1022.0	-4	NNE	2	s.s.	29	97	4	5	-	10	10	1024.7	+6	N'E	2	rs	29	97	4	5	-	-	10	10	1000	5	*	33	29	27	1	*	0.0			
	Cranwell	240	1025.3	+10	N	2	of	32	97	3	5	-	10	10	1025.8	+4	NNE	3	m	33	97	4	5	-	-	10	10	800	8	*	33	30	30	0.4	0.4	0.0			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1023.5	+2	NNE	3	m	33	*	4	5	-	-	10	10	500	8	*	33	30	29	0.1	0.1	0.0				
	Upper Heyford	408	1024.7	0	NNE	2	o/s	29	97	5	5	-	10	10	1024.8	+6	NE	2	d.o.	29	97	4	5	-	-	10	10	500	8	*	33	27	22	0.2	0.2	0.0			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1025.2	+8	N'E	3	iso	33	92	5	5	-	-	10	10	800	4	*	33	30	28	1	0.2	0.0				
5	Hartland Point	299	1023.5	-4	NNE	3	id	35	85	6	5	2	-	9	10	1024.5	+6	NE	5	c	35	85	7	5	2	-	9+	10	2000	0	3	35	33	32	-	Tr	0.0		
	Bristol	209	1025.3	+4	NNE	2	iso	29	97	5	5	-	10	10	1024.3	+2	NNE	3	df	33	92	3	5	-	-	10	10	600	8	*	33	28	26	0.1	1	0.0			
	Portland Bill	32	1022.4	+2	NNE	3	o	31	92	7	5	-	10	10	1023.7	-4	NNE	3	o	30	92	7	5	-	-	10	10	1500	7	7	34	28	*	-	-	0.0			
	Plymouth	82	1024.1	-2	NE	2	z	35	85	5	5	2	-	9	10	1024.6	+4	E	3	z	32	85	6	5	1	-	9	10	2000	3	3	35	31	31	Tr	Tr	0.0		
	The Lizard	240	1023.4	0	NE	4	c	33	92	7	8	6	-	7-8	7-8	1023.3	0	NE	5	c	34	85	7	8	2	-	7-8	7-8	1500	0	3	38	32	*	-	-	0.0		
	Scilly (St. Mary's)	163	1023.6	0	NE'E	3	c	38	75	7	5	-	10	10	1023.4	-2	ENE	4	c	35	85	6	8	2	-	7-8	10	2200	1	3	39	37	*	-	-	0.2	0.0		
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	1023.3	+2	NNE	3	m	33	*	4	5	-	-	10	10	500	8	*	33	30	29	0.1	0.1	0.0			
6	Pembroke	142	1025.5	0	NE'E	4	c	35	85	5	5	2	-	7-8	10	1025.8	+4	NE	3	z	34	85	5	8	-	-	7-8	7-8	2500	3	2	35	33	*	-	-	0.0		
	Holyhead	26	1026.7	+2	NE'E	4	z	39	75	7	5	-	10	10	1027.5	+8	NE	3	z	40	75	6	5	-	-	10	10	2600	0	2	37	36	35	-	-	0.0			
	Chester (Sealand)	16	1026.9	+4	N	2	z	39	85	5	5	-	10	10	1027.1	+2	NW	1	z	39	92	5	5	-	-	10	10	1800	8	*	34	34	32	-	Tr	0.0			
8	Manchester	70	1026.3	+2	NE	3	z	35	85	5	5	-	9	10	1026.8	+2	NW'W	1	z	34	92	5	5	-	-	10	10	2500	1	*	36	33	31	Tr	0.1	0.0			
10	Spurn Head	29	1024.3	-2	NE	4	c	37	85	7	5	-	10	10	1024.6	0	NE	4	c	37	85	7	5	-	-	9+	9+	1500	0	3	36	33	*	0.3	-	0.0			
	Catterick	175	1027.4	-2	N	1	z	34	92	5	5	-	10	10	1027.6	+2	N	2	ir	34	92	5	5	-	-	10	10	1500	6	*	34	32	31	0.2	1	0.0			
	Tynemouth	108	1027.9	0	NNW	3	ir	35	97	6	-	2	-	10	10	1028.2	+6	NW	4	ir	35	97	6	-	2	-	10	10	1800	4	2	35	33	32	0.4	1	0.0		
11	St. Abbs Head	280	1028.5	+2	NW	1	c	34	85	6	5	2	-	9	10	1028.7	+2	NW	2	c	33	85	7	5	4	-	4-6	7-8	2500	8	2	33	31	*	-	-	0.0		
	Leuchars	36	1028.7	-6	NNW	1	m	19	85	4	-	-	0	0	-	1029.8	+6	NNW	1	z	24	85	5	-	2	-	10	10	3200	8	*	24	17	*	-	-	0.0		
12	Renfrew (Abbots I.)	19	1023.8	-2	-	0	f	16	97	2	-	-	0	0	-	1030.4	+2	-	0	f	15	97	2	*	-	-	10	10	1500	8	*	20	11	11	-	-	0.0		
	Eakdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1028.4	+2	SE'S	1	o	31	85	6	5	-	-	10	10	800	8	*	29	29	28	-	-	0.0			
	Point of Ayre	30	1028.0	+2	E	2	c	36	75	8	5	-	7-8	7-8	1028.1	+2	NNE	2	o	37	75	8	5	-	-	10	10	2300	0	3	37	36	*	-	-	0.0			
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1028.9	0	-	0	b	29	92	8	-	3	-	0	Tr	-	3	1	37	28	*	-	-	0.0				
13B	Stornoway	80	1028.0	+6	SSW	2	c/f	40	92	7	5	7	-	9	10	1029.5	+6	WSW	1	d.o.	40	97	6	5	-	-	10	10	1500	1	1	42	39	*	0.2	1	0.0		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	1029.0	+2	-	0	m	29	85	4	5	-	-	10	10	800	8	*	27	9	6	-	-	0.0		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1029.0	+4	NW'N	2	bc	30	97	4	5	-	-	4-6	4-6	2500	8	3	32	15	12	-	-	0.0			
	Wick	81	1027.7	+6	SW	1	o	38	97	5	5	-	10	10	1028.7	+6	W	1	c	40	97	6	5	2	-	7-8	10	800	1	2	42	35	*	-	-	0.1	0.0		
16	Lerwick	156	1026.7	+6	SW	4	dd	45	97	6	5	2	-	7-8	10	1029.0	+6	NNW	3	ir	41	92	7	5	2	-	7-8	10	450	1	*	45	41	*	Tr	0.5	0.0		
17	Blackod Point	18	1028.1	+10	ESE	3	c	36	85	7	-	3	-	0	7-8	-	ESE	3	bc	36	92	7	-	4	-	0	4-6	-	3	3	40	32	*	-	-	6.2	0.0		
18	Malin Head	84	1023.1	+3	SW	2	c	32	85	8	2	7	-	4-6	7-8	1029.7	+4	SW	1	b	31	92	8	-	-	0	0	-	3</										

SECRET

Page 1.

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Wednesday 8th January 1941.
No. 28, 502.

OBSERVATIONS at 13h. G.M.T. 7th January

OBSERVATIONS at 18h. G.M.T. 7th January

PAST 24 HOURS.

DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.			Barom. M.S.L. -mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud.			Barom. M.S.L. -mb. (29)	Change in 3 hours. (30)	Wind.		Weather. (33)	Temp. °F. (34)	Humid. % (35)	Visibility 0-9 (36)	Cloud.			Barom. M.S.L. -mb. (41)	Change in 3 hours. (42)	Wind.		Weather. (45)	Temp. °F. (46)	Humid. % (47)	Visibility 0-9 (48)	Cloud.			Barom. M.S.L. -mb. (49)	Change in 3 hours. (50)	Wind.		Weather. (53)	Temp. °F. (54)	Humid. % (55)	Visibility 0-9 (56)	Cloud.			Barom. M.S.L. -mb. (59)	Change in 3 hours. (60)	Wind.		Weather. (63)	Temp. °F. (64)	Humid. % (65)	Visibility 0-9 (66)	Cloud.			Barom. M.S.L. -mb. (69)	Change in 3 hours. (70)	Wind.		Weather. (73)	Temp. °F. (74)	Humid. % (75)	Visibility 0-9 (76)	Cloud.			Barom. M.S.L. -mb. (79)	Change in 3 hours. (80)	Wind.		Weather. (83)	Temp. °F. (84)	Humid. % (85)	Visibility 0-9 (86)	Cloud.			Barom. M.S.L. -mb. (89)	Change in 3 hours. (90)	Wind.		Weather. (93)	Temp. °F. (94)	Humid. % (95)	Visibility 0-9 (96)	Cloud.			Barom. M.S.L. -mb. (99)	Change in 3 hours. (100)	Wind.		Weather. (103)	Temp. °F. (104)	Humid. % (105)	Visibility 0-9 (106)	Cloud.			Barom. M.S.L. -mb. (109)	Change in 3 hours. (110)	Wind.		Weather. (113)	Temp. °F. (114)	Humid. % (115)	Visibility 0-9 (116)	Cloud.			Barom. M.S.L. -mb. (119)	Change in 3 hours. (120)	Wind.		Weather. (123)	Temp. °F. (124)	Humid. % (125)	Visibility 0-9 (126)	Cloud.			Barom. M.S.L. -mb. (129)	Change in 3 hours. (130)	Wind.		Weather. (133)	Temp. °F. (134)	Humid. % (135)	Visibility 0-9 (136)	Cloud.			Barom. M.S.L. -mb. (139)	Change in 3 hours. (140)	Wind.		Weather. (143)	Temp. °F. (144)	Humid. % (145)	Visibility 0-9 (146)	Cloud.			Barom. M.S.L. -mb. (149)	Change in 3 hours. (150)	Wind.		Weather. (153)	Temp. °F. (154)	Humid. % (155)	Visibility 0-9 (156)	Cloud.			Barom. M.S.L. -mb. (159)	Change in 3 hours. (160)	Wind.		Weather. (163)	Temp. °F. (164)	Humid. % (165)	Visibility 0-9 (166)	Cloud.			Barom. M.S.L. -mb. (169)	Change in 3 hours. (170)	Wind.		Weather. (173)	Temp. °F. (174)	Humid. % (175)	Visibility 0-9 (176)	Cloud.			Barom. M.S.L. -mb. (179)	Change in 3 hours. (180)	Wind.		Weather. (183)	Temp. °F. (184)	Humid. % (185)	Visibility 0-9 (186)	Cloud.			Barom. M.S.L. -mb. (189)	Change in 3 hours. (190)	Wind.		Weather. (193)	Temp. °F. (194)	Humid. % (195)	Visibility 0-9 (196)	Cloud.			Barom. M.S.L. -mb. (199)	Change in 3 hours. (200)	Wind.		Weather. (203)	Temp. °F. (204)	Humid. % (205)	Visibility 0-9 (206)	Cloud.			Barom. M.S.L. -mb. (209)	Change in 3 hours. (210)	Wind.		Weather. (213)	Temp. °F. (214)	Humid. % (215)	Visibility 0-9 (216)	Cloud.			Barom. M.S.L. -mb. (219)	Change in 3 hours. (220)	Wind.		Weather. (223)	Temp. °F. (224)	Humid. % (225)	Visibility 0-9 (226)	Cloud.			Barom. M.S.L. -mb. (229)	Change in 3 hours. (230)	Wind.		Weather. (233)	Temp. °F. (234)	Humid. % (235)	Visibility 0-9 (236)	Cloud.			Barom. M.S.L. -mb. (239)	Change in 3 hours. (240)	Wind.		Weather. (243)	Temp. °F. (244)	Humid. % (245)	Visibility 0-9 (246)	Cloud.			Barom. M.S.L. -mb. (249)	Change in 3 hours. (250)	Wind.		Weather. (253)	Temp. °F. (254)	Humid. % (255)	Visibility 0-9 (256)	Cloud.			Barom. M.S.L. -mb. (259)	Change in 3 hours. (260)	Wind.		Weather. (263)	Temp. °F. (264)	Humid. % (265)	Visibility 0-9 (266)	Cloud.			Barom. M.S.L. -mb. (269)	Change in 3 hours. (270)	Wind.		Weather. (273)	Temp. °F. (274)	Humid. % (275)	Visibility 0-9 (276)	Cloud.			Barom. M.S.L. -mb. (279)	Change in 3 hours. (280)	Wind.		Weather. (283)	Temp. °F. (284)	Humid. % (285)	Visibility 0-9 (286)	Cloud.			Barom. M.S.L. -mb. (289)	Change in 3 hours. (290)	Wind.		Weather. (293)	Temp. °F. (294)	Humid. % (295)	Visibility 0-9 (296)	Cloud.			Barom. M.S.L. -mb. (299)	Change in 3 hours. (300)	Wind.		Weather. (303)	Temp. °F. (304)	Humid. % (305)	Visibility 0-9 (306)	Cloud.			Barom. M.S.L. -mb. (309)	Change in 3 hours. (310)	Wind.		Weather. (313)	Temp. °F. (314)	Humid. % (315)	Visibility 0-9 (316)	Cloud.			Barom. M.S.L. -mb. (319)	Change in 3 hours. (320)	Wind.		Weather. (323)	Temp. °F. (324)	Humid. % (325)	Visibility 0-9 (326)	Cloud.			Barom. M.S.L. -mb. (329)	Change in 3 hours. (330)	Wind.		Weather. (333)	Temp. °F. (334)	Humid. % (335)	Visibility 0-9 (336)	Cloud.			Barom. M.S.L. -mb. (339)	Change in 3 hours. (340)	Wind.		Weather. (343)	Temp. °F. (344)	Humid. % (345)	Visibility 0-9 (346)	Cloud.			Barom. M.S.L. -mb. (349)	Change in 3 hours. (350)	Wind.		Weather. (353)	Temp. °F. (354)	Humid. % (355)	Visibility 0-9 (356)	Cloud.			Barom. M.S.L. -mb. (359)	Change in 3 hours. (360)	Wind.		Weather. (363)	Temp. °F. (364)	Humid. % (365)	Visibility 0-9 (366)	Cloud.			Barom. M.S.L. -mb. (369)	Change in 3 hours. (370)	Wind.		Weather. (373)	Temp. °F. (374)	Humid. % (375)	Visibility 0-9 (376)	Cloud.			Barom. M.S.L. -mb. (379)	Change in 3 hours. (380)	Wind.		Weather. (383)	Temp. °F. (384)	Humid. % (385)	Visibility 0-9 (386)	Cloud.			Barom. M.S.L. -mb. (389)	Change in 3 hours. (390)	Wind.		Weather. (393)	Temp. °F. (394)	Humid. % (395)	Visibility 0-9 (396)	Cloud.			Barom. M.S.L. -mb. (399)	Change in 3 hours. (400)	Wind.		Weather. (403)	Temp. °F. (404)	Humid. % (405)	Visibility 0-9 (406)	Cloud.			Barom. M.S.L. -mb. (409)	Change in 3 hours. (410)	Wind.		Weather. (413)	Temp. °F. (414)	Humid. % (415)	Visibility 0-9 (416)	Cloud.			Barom. M.S.L. -mb. (419)	Change in 3 hours. (420)	Wind.		Weather. (423)	Temp. °F. (424)	Humid. % (425)	Visibility 0-9 (426)	Cloud.			Barom. M.S.L. -mb. (429)	Change in 3 hours. (430)	Wind.		Weather. (433)	Temp. °F. (434)	Humid. % (435)	Visibility 0-9 (436)	Cloud.			Barom. M.S.L. -mb. (439)	Change in 3 hours. (440)	Wind.		Weather. (443)	Temp. °F. (444)	Humid. % (445)	Visibility 0-9 (446)	Cloud.			Barom. M.S.L. -mb. (449)	Change in 3 hours. (450)	Wind.		Weather. (453)	Temp. °F. (454)	Humid. % (455)	Visibility 0-9 (456)	Cloud.			Barom. M.S.L. -mb. (459)	Change in 3 hours. (460)	Wind.		Weather. (463)	Temp. °F. (464)	Humid. % (465)	Visibility 0-9 (466)	Cloud.			Barom. M.S.L. -mb. (469)	Change in 3 hours. (470)	Wind.		Weather. (473)	Temp. °F. (474)	Humid. % (475)	Visibility 0-9 (476)	Cloud.			Barom. M.S.L. -mb. (479)	Change in 3 hours. (480)	Wind.		Weather. (483)	Temp. °F. (484)	Humid. % (485)	Visibility 0-9 (486)	Cloud.			Barom. M.S.L. -mb. (489)	Change in 3 hours. (490)	Wind.		Weather. (493)	Temp. °F. (494)	Humid. % (495)	Visibility 0-9 (496)	Cloud.			Barom. M.S.L. -mb. (499)	Change in 3 hours. (500)	Wind.		Weather. (503)	Temp. °F. (504)	Humid. % (505)	Visibility 0-9 (506)	Cloud.			Barom. M.S.L. -mb. (509)	Change in 3 hours. (510)	Wind.		Weather. (513)	Temp. °F. (514)	Humid. % (515)	Visibility 0-9 (516)	Cloud.			Barom. M.S.L. -mb. (519)	Change in 3 hours. (520)	Wind.		Weather. (523)	Temp. °F. (524)	Humid. % (525)	Visibility 0-9 (526)	Cloud.			Barom. M.S.L. -mb. (529)	Change in 3 hours. (530)	Wind.		Weather. (533)	Temp. °F. (534)	Humid. % (535)	Visibility 0-9 (536)	Cloud.			Barom. M.S.L. -mb. (539)	Change in 3 hours. (540)	Wind.		Weather. (543)	Temp. °F. (544)	Humid. % (545)	Visibility 0-9 (546)	Cloud.			Barom. M.S.L. -mb. (549)	Change in 3 hours. (550)	Wind.		Weather. (553)	Temp. °F. (554)	Humid. % (555)	Visibility 0-9 (556)	Cloud.			Barom. M.S.L. -mb. (559)	Change in 3 hours. (560)	Wind.		Weather. (563)	Temp. °F. (564)	Humid. % (565)	Visibility 0-9 (566)	Cloud.			Barom. M.S.L. -mb. (569)	Change in 3 hours. (570)	Wind.		Weather. (573)	Temp. °F. (574)	Humid. % (575)	Visibility 0-9 (576)	Cloud.			Barom. M.S.L. -mb. (579)	Change in 3 hours. (580)	Wind.		Weather. (583)	Temp. °F. (584)	Humid. % (585)	Visibility 0-9 (586)	Cloud.			Barom. M.S.L. -mb. (589)	Change in 3 hours. (590)	Wind.		Weather. (593)	Temp. °F. (594)	Humid. % (595)	Visibility 0-9 (596)	Cloud.			Barom. M.S.L. -mb. (599)	Change in 3 hours. (600)	Wind.		Weather. (603)	Temp. °F. (604)	Humid. % (605)	Visibility 0-9 (606)	Cloud.			Barom. M.S.L. -mb. (609)	Change in 3 hours. (610)	Wind.		Weather. (613)	Temp. °F. (614)	Humid. % (615)	Visibility 0-9 (616)	Cloud.			Barom. M.S.L. -mb. (619)	Change in 3 hours. (620)	Wind.		Weather. (623)	Temp. °F. (624)	Humid. % (625)	Visibility 0-9 (626)	Cloud.			Barom. M.S.L. -mb. (629)	Change in 3 hours. (630)	Wind.		Weather. (633)	Temp. °F. (634)	Humid. % (635)	Visibility 0-9 (636)	Cloud.			Barom. M.S.L. -mb. (639)	Change in 3 hours. (640)	Wind.		Weather. (643)	Temp. °F. (644)	Humid. % (645)	Visibility 0-9 (646)	Cloud.			Barom. M.S.L. -mb. (649)	Change in 3 hours. (650)	Wind.		Weather. (653)	Temp. °F. (654)	Humid. % (655)	Visibility 0-9 (656)	Cloud.			Barom. M.S.L. -mb. (659)	Change in 3 hours. (660)	Wind.		Weather. (663)	Temp. °F. (664)	Humid. % (665)	Visibility 0-9 (666)	Cloud.			Barom. M.S.L. -mb. (669)	Change in 3 hours. (670)	Wind.		Weather. (673)	Temp. °F. (674)	Humid. % (675)	Visibility 0-9 (676)	Cloud.			Barom. M.S.L. -mb. (679)	Change in 3 hours. (680)	Wind.		Weather. (683)	Temp. °F. (684)	Humid. % (685)	Visibility 0-9 (686)	Cloud.			Barom. M.S.L. -mb. (689)	Change in 3 hours. (690)	Wind.		Weather. (693)	Temp. °F. (694)	Humid. % (695)	Visibility 0-9 (696)	Cloud.			Barom. M.S.L. -mb. (699)	Change in 3 hours. (700)	Wind.		Weather. (703)	Temp. °F. (704)	Humid. % (705)	Visibility 0-9 (706)	Cloud.			Barom. M.S.L. -mb. (709)	Change in 3 hours. (710)	Wind.		Weather. (713)	Temp. °F. (714)	Humid. % (715)	Visibility 0-9 (716)	Cloud.			Barom. M.S.L. -mb. (719)	Change in 3 hours. (720)	Wind.		Weather. (723)	Temp. °F. (724)	Humid. % (725)	Visibility 0-9 (726)	Cloud.			Barom. M.S.L. -mb. (729)	Change in 3 hours. (730)	Wind.		Weather. (733)	Temp. °F. (734)	Humid. % (735)	Visibility 0-9 (736)	Cloud.			Barom. M.S.L. -mb. (739)	Change in 3 hours. (740)	Wind.		Weather. (743)	Temp. °F. (744)	Humid. % (745)	Visibility 0-9 (746)	Cloud.			Barom. M.S.L. -mb. (749)	Change in 3 hours. (750)	Wind.		Weather. (753)	Temp. °F. (754)	Humid. % (755)	Visibility 0-9 (756)	Cloud.			Barom. M.S.L. -mb. (759)	Change in 3 hours. (760)	Wind.		Weather. (763)	Temp. °F. (764)	Humid. % (765)	Visibility 0-9 (766)	Cloud.			Barom. M.S.L. -mb. (769)	Change in 3 hours. (770)	Wind.		Weather. (773)	Temp. °F. (774)	Humid. % (775)	Visibility 0-9 (776)	Cloud.			Barom. M.S.L. -mb. (779)	Change in 3 hours. (780)	Wind.		Weather. (783)	Temp. °F. (784)	Humid. % (785)	Visibility 0-9 (786)	Cloud.			Barom. M.S.L. -mb. (789)	Change in 3 hours. (790)	Wind.		Weather. (793)	Temp. °F. (794)	Humid. % (795)	Visibility 0-9 (796)	Cloud.			Barom. M.S.L. -mb. (799)	Change in
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Abridged observations of additional stations in the

AVIATION WEATHER CODE

13h. G.M.T. 7h. Jan. 18h. G.M.T.				01h. G.M.T. 7h. Jan. 07h. G.M.T.					
III	C _W	wwVhN _h	DDFWN	C _W	wwVhN _h	DDFWN	C _W	wwVhN _h	DDFWN
109	50	01853	31614	5-	01853	00015	5-	02767	00057
115	54	01843	04304	87	02844	12225	52	02844	12127
203				5-	02747	08327	1-	00811	12211
206	02	51558	24168	52	05647	00058	57	05653	00026
210	02	52428	21258	57	21646	22157	53	05666	18227
220	51	02843	18117	53	05644	25116		00	00790
230	53	05675	00016	5-	05677	00027	03	02890	00015
245	5-	05658	24228	5-	08448	26158	53	07862	32364
260	5-	47368	00048	5-	45368	00048	5-	45258	00058
277	50	00861	03311	5-	05656	32226	5-	02758	28328
279	5-	23648	03378	5-	05668	00028	5-	05648	00028
285	5-	71538	04278	5-	71538	02378	5-	68638	01378
288	56	08448	32286	8-	67347	02247	5-	05557	30137
273	55	05653	26105					53	05663
3015	5-	52457	02257	5-	45357	02347	5-	05658	32248
321	5-	05558	30378	5-	45367	32248	67	51444	30367
299	5-	02747	01327	5-	02747	04427	5-	03748	04428
292	5-	24436	30266	5-	06447	30357	5-	02748	32268
310	5-	02536	32426					5-	71528
316	52	05455	32328	5-	08448	02328	5-	72558	32278
333	5-	05656	02326	5-	05655	02225	50	05664	04214
334								50	05654
340	5-	08448	32358	52	43345	32348	5-	08458	32328
136	52	23634	00078				5-	05667	01377
336	50	05648	04428	51	05644	04428		53	01753
350	5-	76548	02278						04114
368	5-	05538	08328						
379	5-	05528	06328	--	48209	06379	5-	77318	06378
390	5-	23538	06278	5-	08458	03228	5-	45348	03178
382	5-	05548	03228	5-	78438	02178	5-	08438	32128
438	5-	03548	02328					5-	02648
430	5-	23448	08378	5-	08448	08228	5-	05548	04128
409	7	05646	04328	5-	05658	04328	5-	05658	02228

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
 ww, W = Present and past weather—See M.O. 252.
 h, N_h = Height and amount of low cloud—See M.O. 252.
 N = Total amount of cloud—See M.O. 252.
 C_W = 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.



Mb.
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DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th January, 1941.
1 S.E. England	Light N.E. wind. Overcast with occasional slight snow, sleet or rain at first. Cloudy with a few local showers later. Less cold, with gradual thaw today.
2 E. England ...	Light N.E. wind. Cloudy with occasional slight showers. Less cold, with temperature above freezing point.
3 E. Midlands ...	As 1.
4 W. Midlands ...	As 1.
5 S.W. England	Light or moderate N.E. wind. Cloudy. Occasional slight sleet or rain locally at first. Rather cold.
6 South Wales ...	As 5.
7 North Wales ...	Light N.E. wind. Cloudy. A few local showers. Rather cold.
8 N.W. England	As 7.
9 N. Midlands ...	As 7.
10 N.E. England	As 7.
11 S.E. Scotland	As 7.
12 S.W. Scotland & Isle of Man.	Light variable wind. Fair. Rather cold with frost inland at night.
13 { A.W.Scotld. B.N.W.Scotland.	As 12.
14 Mid Scotland	As 12.
15 N.E. Scotland	As 12.
16 Orkneys and Shetlands	As 12.
17 N.W. Ireland	Light N.E. wind. Cloudy. Occasional slight rain locally. Rather cold.
18 N.E. Ireland	As 17.
19 S.E. Ireland	As 17.
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.
 An anticyclone centred to the North of Scotland. will move slowly E. or S.E. and a feeble trough of low pressure will move S.W. across England and Ireland. In the south, weather will be mainly dull at first with occasional slight snow, sleet or rain and fog locally, but fairer conditions in the north with a few local showers will spread later to southern districts. It will be rather less cold, with day temperatures generally above freezing point.

FURTHER OUTLOOK.
 Continuing rather cold with renewal of frost 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, Crown House, S.E.1.
 270,3584 W. 6042, 2,3705, 4p. 248, 2500, 1/41

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
Wednesday 8th January
1941.

Clarke's Projection Scale 1: 4 x 10⁷ along meridian at 55° N.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:—○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded.

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

○ Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. 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. 8th January														OBSERVATIONS at 7 hr. G.M.T. 8th January														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. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 7th. 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	0-9	0-9
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1027.7	0	NEN	3	z	34	85	5	5	-	-	10	10	2500	8	*	31	31	29	0.1	Tr	0.0			
	Croydon	217	1027.6	+2	-	0	of	29	97	3	5	-	10	10	1027.7	+2	NE	1	sh	32	97	3	5	-	-	10	10	1200	8	*	29	28	27	0.1	Tr	0.0		
	S. Farnborough	226	1027.9	+6	-	1	of	30	92	3	5	-	10	10	1027.9	+2	N	1	of	32	92	3	5	-	-	10	10	2600	4	*	30	29	28	0.2	Tr	0.0		
	Boscombe Down	417	1027.8	+4	NEN	2	z	29	92	5	5	-	10	10	1028.0	+2	NNE	3	z	32	92	5	5	-	-	10	10	1500	8	*	30	28	28	Tr	Tr	0.0		
	Calshot (Stamtn.)	8	1027.0	+2	EN	3	z	30	85	5	5	-	10	10	1027.4	+2	NNE	3	z	29	92	5	5	-	-	10	10	1800	8	2	31	29	29	0.1	-	0.0		
	Lympe	346	1026.9	-2	-	0	z	28	92	4	5	-	10	10	1026.8	+2	-	0	z	32	97	4	5	-	2	-	10	10	1200	8	*	27	27	26	-	Tr	0.1	
	Manston	154	1026.6	0	-	0	z	30	85	5	5	-	10	10	1027.0	+4	NE	1	d.d.	33	92	5	5	-	-	10	10	600	6	*	30	28	27	-	Tr	*		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1027.3	+2	N	2	o	32	97	5	5	-	-	10	10	4000	7	*	29	27	28	Tr	Tr	0.0			
	Felixstowe	15	1027.3	-2	N	3	m	32	85	4	5	-	10	10	1027.4	+2	N	3	o	34	85	5	5	-	-	10	10	3500	7	2	31	29	28	Tr	Tr	0.0		
	Gorleston	5	1026.9	0	NW	2	is.	32	92	6	8	-	-	10	10	1027.2	+4	NE	3	c	36	85	6	8	-	-	10	10	1200	6	*	34	32	31	-	0.1	0.0	
	Mildenhall	19	1027.5	-2	WNW	1	m	31	97	4	5	-	-	10	10	1028.1	+4	NE	3	z	33	85	6	5	-	9+	9+	3500	8	*	32	28	20	0.1	0.2	0.0		
	Cranwell	240	1029.1	+6	NW	3	z	34	92	6	5	-	-	10	10	1029.0	-2	NNW	3	df	34	97	2	*	-	10	10	1500	6	*	35	32	31	0.1	0.6	0.0		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1030.1	+6	NNE	3	rs	34	97	3	6	-	-	10	10	450	4	*	35	32	30	0.1	0.1	0.0			
	Upper Heyford	408	1027.9	+2	NNE	2	o	31	97	4	5	-	-	10	10	1028.6	+2	N	3	m	32	92	4	5	-	-	10	10	2200	8	*	30	29	25	0.1	Tr	0.0	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1028.8	+4	N	3	m	33	85	4	5	-	-	10	10	800	4	*	35	31	31	0.3	Tr	0.0			
5	Hartland Point	299	1026.5	-2	W	3	c	35	85	7	5	2	-	7-8	10	1027.7	+2	NE	4	c	36	65	6	8	2	-	7-8	10	2000	0	3	38	33	32	-	-	0.0	
	Bristol	209	1028.0	+4	-	0	z	31	92	5	5	-	-	10	10	1029.0	+6	NE	2	m	32	85	4	5	-	-	10	10	2600	5	*	33	30	29	0.2	0.2	0.0	
	Portland Bill	32	1026.6	+10	NE	4	o	29	92	7	5	-	-	10	10	1027.1	+4	NE	4	o	29	92	7	5	-	-	10	10	2500	1	3	33	27	*	-	-	0.0	
	Plymouth	82	1027.2	+6	NEE	2	z	33	85	6	5	2	-	7-8	10	1027.9	+4	ENE	1	z	33	85	6	5	1	-	7-8	10	800	3	12	36	31	28	Tr	-	0.0	
	The Lizard	240	1026.2	+2	NEE	5	c	35	85	7	8	2	-	7-8	10	1027.4	+8	ENE	5	c	33	85	7	5	-	-	10	10	1500	0	3	37	33	*	-	-	0.0	
	Scilly (St. Mary's)	163	1026.2	+10	NEE	5	c	36	75	7	3	2	-	7-8	10	1027.0	+6	NEE	5	c	35	75	6	8	2	-	7-8	10	1200	1	4	41	35	*	-	-	0.0	
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	1029.0	+6	NEE	4	c	37	75	7	5	2	-	7-8	7-8	3000	1	2	39	34	*	-	-	0.0		
6	Pembroke	142	1029.0	-6	NEN	4	c	35	75	6	8	-	-	9+	9+	1029.9	+4	NEE	4	c	37	75	7	5	2	-	7-8	7-8	3000	1	2	39	34	*	-	-	0.0	
7	Holyhead	26	1030.7	+12	NE	4	c	40	75	7	5	-	-	10	10	1031.6	+6	NE	4	z	40	75	6	5	-	-	10	10	2600	1	4	41	37	34	Tr	-	0.0	
	Chester (Sealand)	16	1030.4	+10	NW	1	ir	34	92	4	5	-	-	10	10	1031.2	+2	NW	1	dr	35	85	5	5	-	-	10	10	2500	6	*	36	34	31	0.1	Tr	0.0	
8	Manchester	70	1030.1	+6	NNW	2	z	36	85	5	3	-	-	7-8	5	1030.9	+4	NW	1	m	35	92	4	5	-	-	10	10	2700	1	*	39	33	26	0.1	-	0.0	
10	Spurn Head	29	1028.8	+4	NNE	4	pr	36	92	7	5	-	-	9+	9+	1028.5	0	NEN	4	c	40	92	7	5	1	-	4-6	7-8	1500	0	3	38	35	*	-	Tr	0.0	
	Catterick	175	1021.2	+8	NW	1	z	36	85	5	5	-	-	9+	9+	1031.7	+6	NE	3	pr	37	97	5	8	-	-	9	9	1800	6	*	35	33	32	0.4	0.5	0.0	
	Tynemouth	108	1030.9	+4	NNE	4	c	40	75	7	5	-	-	9	9	1031.8	+6	NNE	4	pr	43	85	7	2	-	-	7-8	7-8	2600	1	4	40	37	33	3	Tr	*	
11	St. Abbs Head	280	1031.9	+4	WNW	3	d.d.	37	97	5	5	-	-	10	10	1032.8	+2	NW	4	c	42	92	7	4	5	-	7-8	9	2500	6	3	36	35	*	-	Tr	0.4	
	Leuchars	36	1032.8	+2	WNW	2	z	37	97	6	5	-	-	7-8	7-8	1034.1	+6	WNW	2	c	37	97	7	4	5	7	-	7-8	9+	2500	8	*	33	31	27	Tr	2	0.0
12	Renfrew (Abbots I.)	19	1034.0	+6	-	0	df	32	97	0	5	-	-	10	10	1035.5	+10	-	0	F	22	97	0	*	-	-	10	10	1500	8	*	29	21	19	-	Tr	0.0	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1033.2	+4	NEE	4	bc	26	85	7	5	-	-	2-3	2-3	1500	8	*	35	33	32	-	0.3	1.7		
	Point of Ayre	30	1031.9	+10	E	4	bc	33	75	8	5	4	-	1	2-3	2500	+4	NEN	4	bc	41	85	8	5	-	-	4-6	4-6	2500	0	4	38	37	*	-	-	0.0	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1034.2	+2	-	0	b	31	92	8	-	3	-	0	Tr	-	3	1	41	30	*	-	-	1.4		
13B	Stornoway	80	1034.2	+2	-	0	b	37	92	8	5	-	-	Tr	Tr	1035.9	+8	-	0	b	37	92	8	5	-	-	Tr	Tr	4500	5	1	44	35	*	0.5	-	0.0	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	+4	-	0	c	32	92	7	5	-	-	7-8	7-8	800	8	*	34	32	27	Tr	0.4	0.0	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1034.9	+14	NW	2	c	37	92	6	5	-	-	9+	9+	2500	7	3	37	35	31	0.4	0.1	0.0		
	Wick	81	1034.3	+4	NW	3	e	37	97	7	5	6	-	7-8	9+	1035.9	+10	NW	3	bc	41	85	7	5	7	6	2-3	4-6	1500	1	2	43	35	*	0.6	Tr	*	
16	Lerwick	156	1034.6	+8	NE	4	c	40	65	8	5	7	-	4-6	7-8	1036.5	+10	NW	3	c	38	85	8	5	3	-	4-6	7-8	1500	1	*	45	38	*	Tr	-	2.0	
17	Blacksod Point	18	1033.0	+2	-	0	c	39	85	8	-	7	-	0	9+	-	1034.0	+8	ESE	4	bc	38	85	8	-	4	-	0	4-6	-	0	3	39	35	*	-	-	*
18	Malin Head	84	1023.5	+8	-	0	c	37	92	8	8	-	-	7-8	7-8	1034.5	+8	-	0	bc	36																	

SECRET

Page 1.

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

BRITISH SECTION

Thursday 9th January 1941.

No 28,903

OBSERVATIONS at 13h. G.M.T. 8th January														OBSERVATIONS at 18h. G.M.T. 8th January														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																			
DIRECTION.	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. 0-10 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-10 (22)	Cloud.					State of ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																	
				Dir.	Force. 0-12 (4)					Low.	Med.	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Low.					Med.	High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)			7h.—13h. 8th. (37)	13h.—18h. 8th. (38)	18h. to 1h. 9th. (39)	1h.—7h. 9th. (40)																																																																																																																																																																																																																																																																																																																																																																														
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Soton.) ... Lympe ... Manston ...	1029.1 1028.4 1029.1 1029.1 1028.2 1026.9 1028.5	0 +2 -2 -2 -2 -2 -2	N'E NNE NE N NNE NNE - ESE	3 1 2 2 2 0 1	id bc bc bc bc bc bc	37 35 36 35 35 32 32	85 85 85 85 85 85 85	5 5 5 5 5 5 5	5 5 5 5 5 5 5	1 - - - - - - 10	7-8 7-8 7-8 7-8 7-8 7-8 7-8	10 10 10 10 10 10 10	2500 2000 3000 2000 2000 2000 500	1029.6 1029.2 1029.7 1029.3 1028.9 1028.8 1029.0	+4 +6 +4 +6 +12 +2 +2	NE NNE NE NE NNE - NE	3 2 2 3 2 0 1	zo of m zo zo m zo	36 35 35 35 36 31 32	85 82 85 82 85 92 85	5 5 5 5 5 4 5	5 5 5 5 5 5 5	2 1 3 3 1 1 1	7-8 10 10 10 10 10 10	2500 1200 2000 1000 2500 1200 1200	1 6 1 1 1 8 6	3 1 1 1 1 3 6	cm,mm, id cm,mm, id cm,mm, id cm,mm, id cm,mm, id cm,mm, id cm,mm, id	ciro,mc f cm,pr,so,mc, f, d ciro,mc ciro,mc cm,pr,so,mc, f, d cm,pr,so,mc, f, d cm,pr,so,mc, f, d cm,pr,so,mc, f, d cm,pr,so,mc, f, d	2-6-10 cfro m cm,so cm,so cm,so cm,so cm,so	bc bmo bc bmo cm,so cm,so cm,so cm,so cm,so																																																																																																																																																																																																																																																																																																																																																																															
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1028.5 1028.7 1029.0 1029.1 1030.0	+6 +6 0 0 +6	N'E N'E NW NNW N'E	3 1 1 1 2	id bc bc bc pr	35 35 36 35 38	85 82 82 87 82	5 5 5 5 5	5 5 5 5 5	1 1 1 1 10	7-8 7-8 7-8 7-8 7-8	10 10 800 300 2000	1029.5 1029.5 1030.2 1030.0 1031.7	+4 +6 +4 +4 +6	NE N NE NNE NNE	2 2 3 2 3	cf cf cf zo ido	34 34 38 36 36	92 92 82 87 97	5 5 5 5 6	5 5 5 5 5	1 2 2 6 6	10 9 7-8 1 3	10 9 7-8 4-6 3	1500 3000 1500 2000 2000	6 6 6 6 6	3 2 2 6 6	cm,mm, id cm,mm, id cm,mm, id cm,mm, id cm,mm, id	ciro,mc ciro,mc ciro,mc ciro,mc ciro,mc	cm,so cm,so cm,so cm,so cm,so	cm,so cm,so cm,so cm,so cm,so																																																																																																																																																																																																																																																																																																																																																																															
3	Birmingham ... Upper Heyford ...	1030.4 1029.7	+6 -2	NNE N'E	2 2	bc bc	38 34	82 87	4 3	5 5	1 1	10 10	800 600	1031.2 1030.7	+8 +6	NE NE	2 3	cf cf	38 35	82 87	3 5	6 5	1 1	10 3	10 3	800 1400	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10 3	10 3	800 1500	1 6	1 6	10

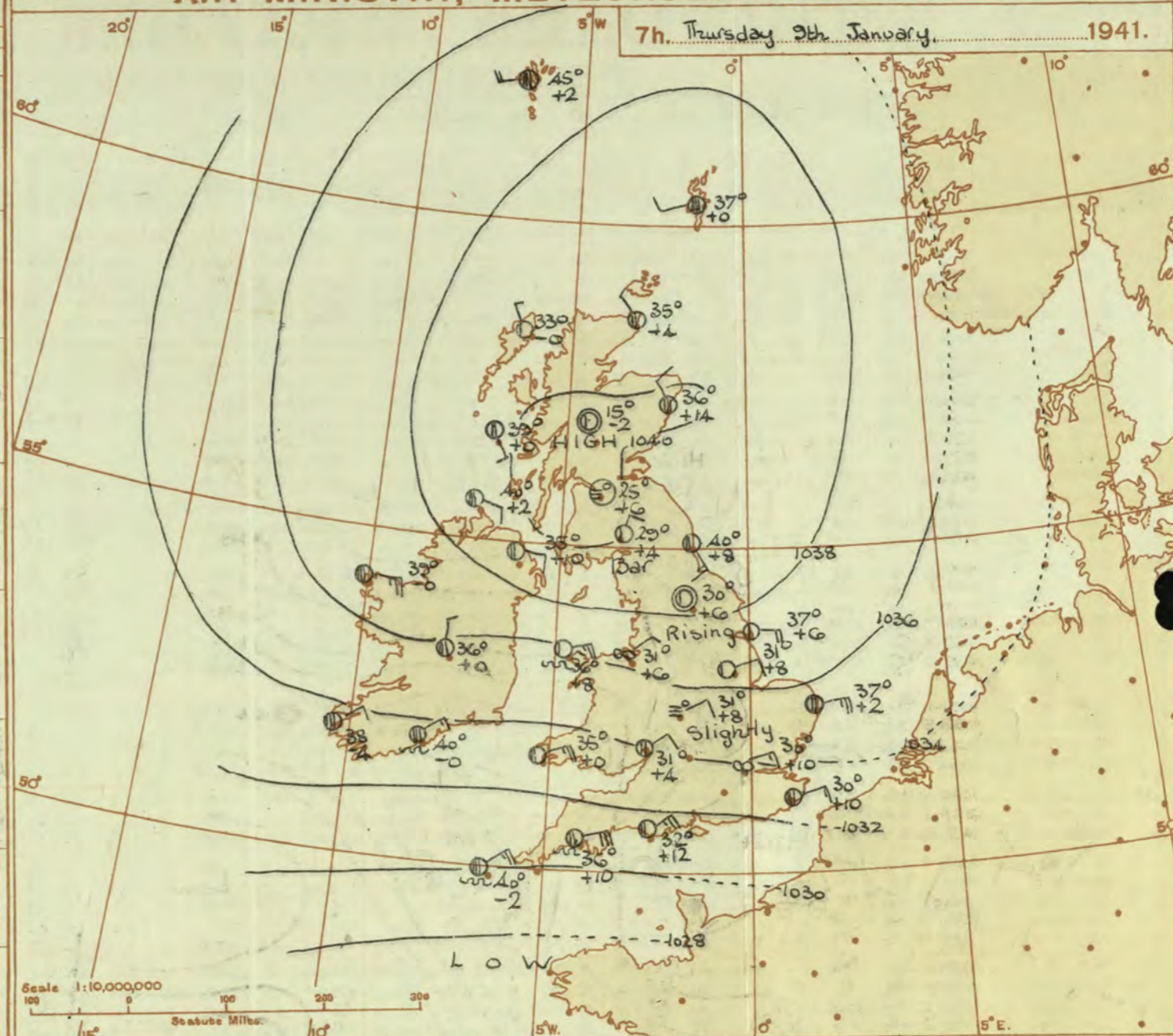
Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 8th Jan				18h. G.M.T.				01h. G.M.T. 9th Jan				07h. G.M.T.			
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN		C _M	wwVhN _h	DDFWN		C _M	wwVhN _h	DDFWN	
109				57	01833	00024	5-	02767	00027	00	00790	21100			
115	87	02844	12226	52	02844	12225	51	01861	12233	51	01863	12114			
203				54	01964	10314				5-	01953	16313			
206	53	05653	25225	5-	05666	00026	5-	05663	00024	00	00690	00000			
210	5-	05667	20127	5-	02857	04227	03	05690	00026	5-	00861	11111			
220	23	01063	14103	03	01790	10103				53	01754	14115			
230	00	01890	00014	03	17790	00015	04	00890	00012	00	05790	08200			
245	5-	02967	32327	5-	03858	32228	53	02764	32227	5-	03768	22228			
260	5-	05658	02246	5-	02768	02228	5-	02767	00027	50	05662	00000			
277	50	00763	28403	53	02763	03316	00	00890	06410	00	00790	07200			
279	5-	01757	02257	5-	02766	02426	5-	05656	32316	50	00761	00001			
285	5-	06637	04467	5-	03637	04477				20	01635	06315			
288	5-	06558	02468	8-	01448	03588	50	00753	06123	00	08490	00000			
273										53	01863	09115			
301	5-	05665	02245	53	09447	04227	5-	05656	08326	00	05690	04110			
321	53	25654	02225	57	62546	31367	50	05665	04265	00	05590	02200			
299	5-	81746	32586				50	00851	08501	50	00752	08412			
292	83	02844	30285	5-	02746	31288	5-	02757	02287	50	60753	00013			
310	--	05428	32428	--	02536	04516				--	01633	04513			
316	5-	67338	02258	5-	61547	02267	5-	05655	06465	00	05590	04210			
333	53	02755	02255	5-	05667	03327	5-	05657	05127	50	00862	38502			
334															
340	53	37364	00075	5-	05657	04347	5-	21658	41558	00	05690	02300			
136	5-	81637	04387	86	85745	02387	50	01864	05274	50	00861	04301			
336	61	02753	32476	62	04444	04428	50			54	02754	04415			
350	5-	62428	02228												
368	5-	05548	08328												
379	--	48105	04379	5-	05637	04327	5-	05638	06428	00	05590	06300			
390	57	68445	00027	5-	67337	02267	5-	05545	02365	00	05690	06310			
382	5-	51523	32178	5-	58428	02258	5-	05658	04328	00	05690	05300			
488	5-	03428	04228							5-	02745	06515			
430	57	08458	04258	5-	45348	04348	52	08445	06328	50	05654	06414			
409	54	05655	04415	5-	05667	04327	5-	05658	04328	5-	05657	05327			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 9th January 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 9th January

1 S.E. England	Light or moderate east to northeast wind. Fair; local inland fog night and morning. Cold with keen frost at night, but temperatures above freezing point today.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Light variable wind. Fair or fine; local inland fog night and morning. Cold with hard frost inland at night, but temperatures above freezing point today.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Light or moderate, easterly wind. Fair; cold with slight frost locally at night.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

An anticyclone centred over Scotland will move slightly south. Weather will be fair or fine generally. It will be rather cold with keen or hard frost inland at night, but day temperatures will rise above freezing point. Fog will develop locally at night.

FURTHER OUTLOOK.

Continuing cold and mainly dry for a few days.

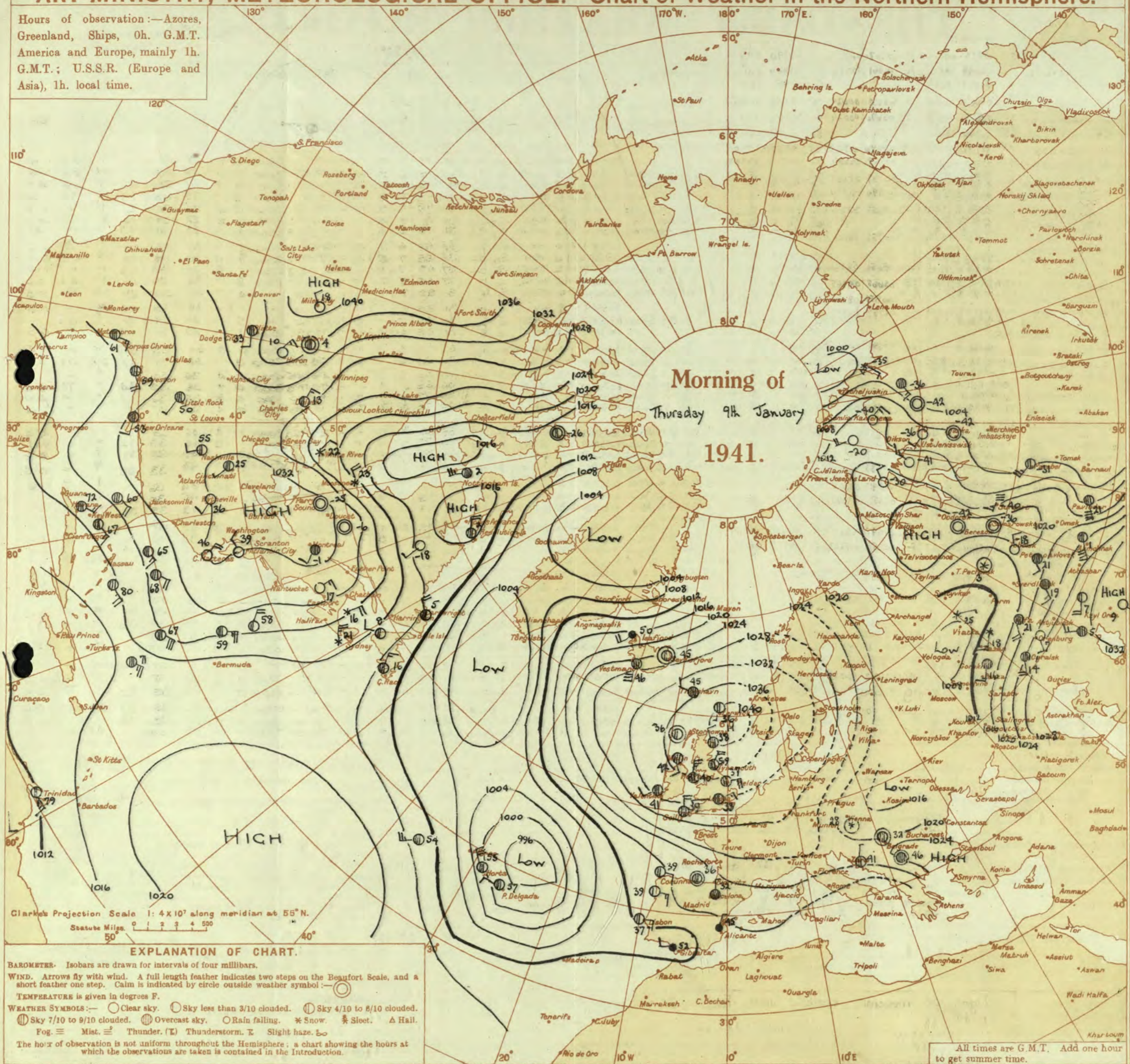
Forecasts issued at 1030 G.M.T.
H.M.S.O. Press, Coronet House, S.E.1.

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

270/3584. W. 8048. D. 3705. 4p. 548. 3500. 1/41.

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 21st January, 1941.
No 28903

OBSERVATIONS at 1 hr. G.M.T. 21st January														OBSERVATIONS at 7 hr. G.M.T. 21st January														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.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					Direc.	Force.					Form.	Amount.	Height of Base (feet)	Direc.			Force.	Form.					Amount.	Height of Base (feet)	Direc.	Force.		Form.	Amount.	Height of Base (feet)	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	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10

SECRET

Page 1.

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Friday 10th January 1941.
No. 28904

OBSERVATIONS at 13h. G.M.T. 9th January														OBSERVATIONS at 18h. G.M.T. 9th January														PAST 24 HOURS.						
DIRECTION.	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.						
				Dir.	Force. 0-12 (4)					Form.	Amount. Low Total 0-10 0-10 (11) (12)	Height of Base. (feet) (14)	Dir.			Force. 0-12 (18)	Form.					Amount. Low Total 0-10 0-10 (24) (25)	Height of Base. (feet) (28)	7h.—13h. ... 3h. (37)	13h.—18h. ... 3h. (38)			18h.—24h. 1h.—10h. (39)	1h.—7h. ... 10h. (40)					
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lympne ... Manston ...	1034.3 1033.8 1033.3 1033.2 1032.2 1032.9 1033.3	-10 -6 -10 -10 -4 -6 -10	ENE EN EN NEE EN E NEE	4 4 4 4 4 4 4	2. 2. 2. 2. 2. 2. 2.	35 34 36 34 37 31 33	65 97 75 85 6 75 75	6 5 1 6 8 9 8	7 5 1 1 1 1 5	- - - - - - -	2-3 2-3 Tr 0 0 Tr Tr	2-3 2-3 Tr 0 0 Tr Tr	2500 2000 2000 - - 1200 1800	1033.1 1032.6 1033.3 1033.0 1032.0 1031.5 1031.5	-6 -6 -2 -4 -2 -10 -10	NNE N NNE NNE NE - NNE	2 1 2 3 2 0 4	m cft m z z b c	33 32 32 29 33 28 35	75 85 85 85 75 92 65	4 3 4 6 6 7 9	- - - - - - -	- - - - - - -	1 4-6 0 0 0 9 9	0 2-8 0 0 0 0 9	- 1800 - - - - 3000	3 3 3 3 1 8 6	** * * * * *	cm, bcbz bcm bcm bcm bcm bcm bcm	bcbz bcm bcm bcm bcm bcm bcm	bcbz bcm bcm bcm bcm bcm bcm	bcbz bcm bcm bcm bcm bcm bcm	
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1034.3 1034.5 1036.1 1035.2 1036.5	-6 -8 -10 -14 -14	ENE EN NE NE NNE	4 4 4 3 2	bc b bc b bc	35 36 38 37 37	85 85 65 65 75	8 8 7 7 7	7 5 1 3 5	- - - - -	2-3 Tr 2-3 0 2-3	2-3 Tr 2-3 Tr 2-3	4000 3000 4000 - 3000	1032.5 1032.6 1033.6 1033.8 1035.4	-12 -12 -12 -10 -4	NE NNE NE N NNE	2 3 4 2 3	b b bc bc z	30 32 38 31 33	85 75 85 85 85	8 7 7 7 6	2 5 2 5 5	- - - - -	- Tr 1-6 2-3 2-3	1 Tr 4-6 2-3 2-3	4000 3000 3500 2500 3000	7 8 0 8 5	** * * *	bcm bc bcq b bbc	b b bcq bbex bmom	b b b c bmom	b b b c bmom	
3	Birmingham Upper Heyford	1035.5 1034.9	-4 -6	ENE ENE	3 3	z b	35 35	65 75	5 7	1 4	- -	Tr 0	Tr Tr	1500 -	1034.8 1034.3	-2 -2	NE NEE	2 3	bf z	33 31	75 85	3 6	- -	- -	0 0	0 0	- -	1 5	**	mbz b b	bzf bbmo b	b bcm	b bcm	
4	Ross-on-Wye ...	1034.7	-4	ENE	3	b	36	65	7	-	-	0	0	-	1034.6	0	NE	2	z	31	75	6	5	-	-	1	1	2500	3	*	b	b	b	b
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Soilly (St. Mary's) Guernsey ...	1031.3 1034.3 1030.6 1035.9 1028.4 1027.8	-2 -6 -6 -2 0 -8	ENE ENE E E E ENE	5 4 5 5 8 6	bc b bc c c c	34 35 36 35 33 39	65 75 92 65 65 65	8 7 8 8 8 7	1 1 5 5 6 8	- - - - - -	2-3 Tr 4-6 7-8 4-6 10	2-3 Tr 4-6 7-8 7-8 10	3000 3000 4000 2000 2000 1200	1031.5 1034.3 1030.9 1031.0 1029.1 1028.4	+8 -2 +2 +6 +2 +10	ENE NE ENE EN E NEE	5 2 4 5 7 6	b z b z c e	35 30 34 33 38 38	75 85 85 65 75 75	7 5 8 5 8 7	- - - - - -	- 0 0 0 7-8 7-8	0 0 0 0 2000 1500	- - - - 2000 1500	5 3 0 0 0 5	** * * * *	bc bm bc bc cq c	bcb bcm bcm bcm cq c	bcb bcm bcm bcm cq c	bcb bcm bcm bcm cq c		
6	Pembroke ...	1033.6	+6	E	4	bc	38	55	7	5	-	2-3	2-3	2000	1033.1	0	NEE	4	bc	36	55	7	-	-	8	0	2-3	-	1	2	bcq	bcq	zob	cpr
7	Holyhead ...	1036.7	-6	N	5	bq	39	75	5	-	-	0	0	-	1036.5	+2	ENE	4	z	37	85	5	-	-	-	0	0	-	1	3	bq	bq	bq	bq
8	Chester (Sealand)	1037.0	-10	NE	1	m	37	75	4	-	-	0	0	-	1036.8	0	NE	1	m	31	85	4	-	-	-	0	0	-	3	*	bq	bq	bq	bq
9	Manchester ...	1037.3	-10	ENE	3	bq	38	65	5	5	-	2-3	2-3	3500	1036.7	-6	NNE	1	bft	33	85	3	-	-	-	0	0	-	3	*	bq	bq	bq	bq
10	Spurn Head ... Catterick ... Tynemouth ...	1037.1 1038.1 1038.0	-8 -14 -12	NE NNW NNW	3 1 3	bc z z	40 36 39	75 85 75	7 8 6	4 2 2	- - -	0 0 4-6	4-6 - 4-6	- - 3200	1035.1 1036.9 1037.2	-8 -8 -8	N N'E NNW	3 2 3	c m e	37 35 38	85 85 85	7 4 5	5 5 8	- - -	9 9 9	9 9 9	1500 2500 2800	1 4 1	3 3 3	cbc bxm bcff	c bcm bcm	c bcm bcm	c bcm bcm	
11	St. Abbs Head Leuchars ...	1038.9 1039.6	-12 -10	WNW -	2 0	c z	38 36	85 85	9 5	4 5	- -	7-8 9	9 9	2500 2500	1038.0 1038.9	-4 -2	N -	3 0	c z	39 31	75 92	8 6	5 3	- -	7-8 0	10 2-3	2500 -	1 5	2 *	c cm	cm bcm	cm bcm	cm bcm	
12	Renfrew (Abbots L.) Eskdalemuir ... Point of Ayre ...	1040.5 1035.4 1038.4	-10 -10 -8	- N EN	0 1 2	F+ b b	23 34 40	97 75 75	0 8 7	8 8 7	- - -	10 0 0	10 0 0	150 - -	1039.5 1039.0 1037.9	-2 -2 -2	- N ENE	0 1 3	F+ c b	12 27 38	97 85 75	0 8 8	- 5 4	- - -	10 7-8 Tr	10 2500 1	8 4 0	** *	bx b b	ff b b	ff b b	ff b b		
13A	Tiree ...	1039.7	0	SE	1	b	41	75	8	1	-	1	1	3500	1038.6	0	NNE	1	bc	38	75	8	7	3	-	2-3	4-6	3500	3	1	bc	bcb	bcb	bcb
13B	Stornoway ...	1039.7	0	-	0	b	39	92	8	2	-	1	1	2500	1039.3	-2	-	0	bc	35	92	6	5	7	-	1	2-3	2500	5	1	b	b	b	b
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick...	1040.5 1039.4 1040.0 1038.6	-6 -10 -6 -8	SW NW W WS	1 2 1 3	b c c c	32 37 33 42	75 75 85 92	8 6 8 8	- 5 5 7	- - - -	0 3 3 7-8	0 3 3 3	- 2500 4000 800	1039.8 1039.1 1039.1 1036.8	-2 -6 -6 -2	- NW W W	0 2 2 3	b c b c	15 34 31 43	92 85 92 92	8 6 7 7	- - - -	- 9 Tr 7-8	- 4000 4000 800	8 4 1 1	** * *	b c b c	b c c c	b c c c	b c c c			
17	Blacksod Point...	1036.8	0	ENE	4	bc	40	85	8	4	-	0	2-3	-	1036.9	+4	E	4	b	38	85	8	-	-	-	0	0	-	3	2	bc	b	b	bc
18	Malin Head ... Aldergrove ...	1038.7 1038.6	-6 -10	- EN	0 3	bc z	40 38	75 75	8 6	4 7	- -	2-3 2-3	2-3 2-3	5700 2500	1038.9 1038.5	+4 +2	S ENE	1 1	c z	34 32	85 85	8 6	5 -	- -	4-6 1	7-8 Tr	4000 -	3 3	**	c bcm	b bcm	b bcm	b bcm	
19	Birr Castle ...	1035.8	-2	ENE	1	bc	41	55	8	5	-	2-3	4-6	2500	1036.0	+2	NE	1	b	33	85	8	-	-	-	0	0	-	1	3	cbc	bcb	bcb	cbc
20	Valentia Obsy. † Roehes Point ...	1032.6 1033.6	-4 -2	E E	2 5	bc bc	41 39	75 65	8 8	7 5	- -	4-6 4-6	4-6 4-6	2500 2500	1032.7 1033.3	-2 -2	ES EN	4 4	b bc	36 37	75 65	8 8	5 -	- -	1 2-3	1 2-3	2500 2500	1 1	3 4	cbc cbc cbc	bcb bcb bcb	bcb bcb bcb	cbc cbc cbc	

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 10th January				15h. G.M.T.				01h. G.M.T. 11th January				07h. G.M.T.			
IIIC	C ₁	wwVhN _h	DDFWN	C ₁	C ₂	wwVhN _h	DDFWN	C ₁	C ₂	wwVhN _h	DDFWN	C ₁	C ₂	wwVhN _h	DDFWN
105	53	01854	20114	5-		02766	22216	5-		02857	24327	5-		03768	27328
115	51	02863	20324	51		01864	20215	53		02854	20225	52		81854	20287
203								00		00930	08200	5-		64348	08128
206	00	00990	20100	00		05630	00000	00		05630	00000	57		05656	36034
210	03	00890	24212	03		00790	00002	5-		02875	22315				
220	57	01962	13104	53		02753	11217								
230	00	00890	08100	00		05630	08100	00		00890	04100	00		00890	04100
245	5-	02977	31127	60		00862	01213	5-		03858	28328	5-		25868	32388
260	53	05362	00003	00		08490	00000	5-		08477	00027	5-		45365	00045
277	00	00890	06200	00		04890	26100	00		05690	30100	00		05630	02100
279	00	05630	03200	00		05630	02100					5-		02786	32436
285	20	05744	06314	2-		02747	04317					5-		71538	32378
288	5-	08455	24115	8-		81358	32288	8-		81648	04388	8-		81448	03888
273	00	00690	09200												
301	00	05630	06300	00		47130	00040	5-		05666	30246	50		03564	32324
321	53	17663	02213	53		05564	32213	53		22444	31467	57		22845	81467
299	50	01853	02313	5-		01744	32314	8-		25744	32584	50		01744	02484
292	50	00851	32101	5-		08458	30318	5-		05656	31326	5-		05647	29367
310	-	01635	08415	-		08435	08415	-				-		02428	04528
315	50	05661	04301	00		08490	01200	5-		08457	32377	5-		61548	02468
330	00	17790	06500	00		17690	02200	00		05630	02200	50		01763	04403
334															
340	00	05630	06300	50		05563	03203	5-		41457	32347	5-		05658	01428
136				40		01852	03312	8-		02845	03385	8-		81645	04485
336	56	01753	08315	50		01753	08413					52		03754	08418
350	03	00790	03401	00		05630	02200								
368															
379				00		05630	08300	5-		47318	04428	6-		77108	04478
390	70	01753	06403	00		05590	32200	5-		41457	01447	3-		02977	04227
382	10	05651	05301	00		05630	01300	5-		71457	32377	6-		52438	03378
438	50	01753	07513									50		01762	04512
430	00	00990	06400	00		00790	04300					*		05630	04401
409	50	05654	06414	00		05630	05400	00		05630	04400	5-		04757	37627

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
ww, W = Present and past weather—See M.O. 252.
h, N_h = Height and amount of low cloud—See M.O. 252.
N = Total amount of cloud—See M.O. 252.
C, C₁ = Form of low and medium cloud—See page 1.
V = Visibility. F = Force of wind—See page 4.
DL = 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. 10th January 1941

1 S.E. England	Moderate northeast winds, fresh at times on the east coast; dull; occasional light rain or drizzle with sleet locally; misty at times, still rather cold but thaw generally.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind northeasterly moderate to fresh on the coast, and strong to gale on the southwest coasts; dull, with occasional light rain or sleet today with snow at first on the high ground; cloudy tomorrow; rather cold but thaw generally.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Moderate northerly winds, fresh at times on the coast; dull; occasional light rain or showers; rather cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light variable to northeast wind; fair today; cloudy tomorrow; fog locally at first in Clyde valley; persistent frost locally inland today; less cold tomorrow.
13 { A.W. Scotland. B.N.W. Scotland.	
14 Mid Scotland	Wind northwest, light to moderate; mainly fair today, but some local wintry showers tomorrow; average temperature today, colder tomorrow.
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Moderate northeast winds, becoming fresh or strong off the south coasts; fair at first but cloud increasing; occasional light rain or sleet with snow locally later; 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.

An anticyclone centred between Scotland and Iceland is retreating northwestwards and less cold northeasterly winds from the North Sea will extend across most of the British Isles. Weather will be mainly dull with occasional light rain or drizzle with sleet locally especially in the eastern counties. Thaw conditions will be general except in West Scotland where conditions will remain fair and cold today.

FURTHER OUTLOOK.

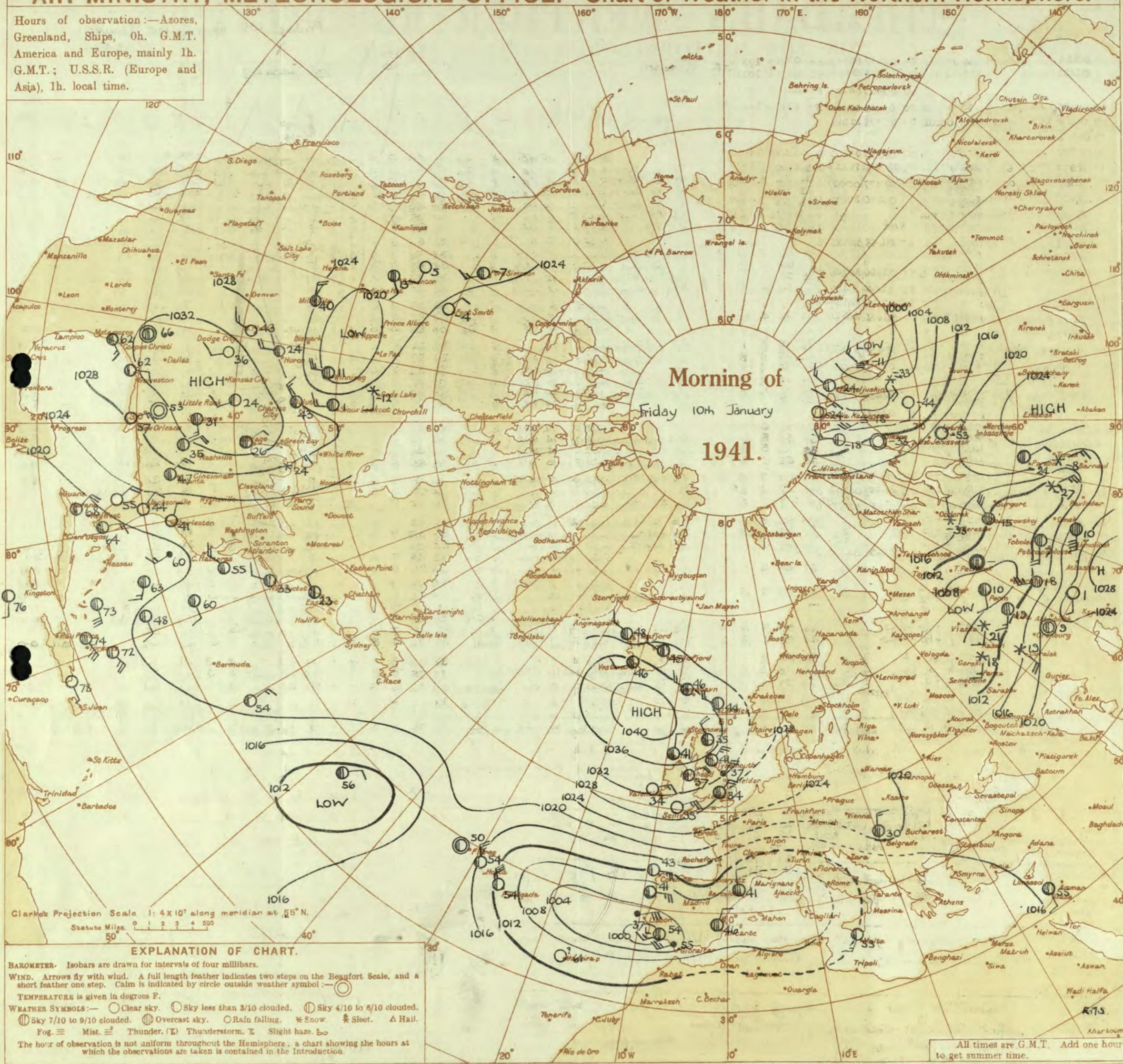
Mainly dull; some occasional light rain or drizzle in the eastern counties.

↑ Gale warning issued in district 5 1500 9/1/41.

Forecasts issued at 10.30 AM. 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.



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

Statute Miles 0 1 2 3 4 500
50°

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:—○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 8/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. * Sleet. Δ Hail. Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. T Slight haze. T

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 10th January, 1941.
 No. 28,904.

OBSERVATIONS at 1 hr. G.M.T 10th January														OBSERVATIONS at 7 hr. G.M.T 10th January														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sun- shine Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET
BRITISH SECTION
Saturday, 11th January 1941.
No. 28,265

OBSERVATIONS at 13h. G.M.T. 10th January														OBSERVATIONS at 18h. G.M.T. 10th January														PAST 24 HOURS.						
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (6)	Temp. °F. (7)	° Humid. (8)	Visib. 0-9 (9)	Cloud.				Height of Base. (feet) (14)	Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	° Humid. (21)	Visib. 0-9 (22)	Cloud.				Height of Base. (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.				
				Dir. (3)	Force. (4)					Form. (10)	Amount. (11)	Low 0-10 (12)	Total 0-10 (13)				Form. (23)	Amount. (24)					Low 0-10 (25)	Total 0-10 (26)	7h.—18h. 10th... (37)	13h.—18h. 10th... (38)				18h.—10th 11th... (39)	1h.—7h. 11th... (40)			
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lymington ... Manston ...	1024.6 1024.5 1024.7 1024.3 1023.6 1024.5 1024.6	-20 -18 -18 -18 -18 -14 -16	NE ENE ENE NE'E ENE E NE	5 4 4 5 4 4 4	z z z c z b b	38 37 38 37 39 32 34	65 75 65 75 55 85 65	6 6 6 8 6 6 8	2 1 - - 1 - 3	- - - - - - 0	2-3 2-3 4-6 7-8 Tr Tr 0	2500 2000 2500 1500 3500 -	1024.8 1024.4 1025.0 1024.4 1023.3 1024.0 1023.9	+4 -2 +8 +6 +0 -2 -2	NE ENE NE NEN NE'E NNE N'E	3 2 3 2 3 3 1	z m z z z b z	38 36 38 36 35 30 34	85 92 85 85 85 85 75	5 5 5 6 6 8 6	5 5 5 5 5 5 5	- - - - - - 3	- - - - - - -	10 10 10 10 0 Tr 9	10 10 10 10 0 Tr 9	2500 1800 1400 1600 -	3 3 *	2 1 3 8 4	cmobbcz bbcbcz crosa bbe cidoc bcbyzo b	bczocm cmcm cmcm cmcm cmcm cmcm cmcm	cmcm cmcm cmcm cmcm cmcm cmcm cmcm	cmcm cmcm cmcm cmcm cmcm cmcm cmcm	
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1025.1 1025.3 1025.5 1026.1 1027.8	-16 -22 -12 -18 -20	NE NE NNE W NNE	3 3 2 3 3	bc b c o id.	36 38 39 36 38	75 75 85 97 97	8 7 7 1 4	- 5 5 5 5	4 - - - -	0 1 9 10 10	2-3 1 9 10 10	2500 2500 2000 -	1024.6 1023.9 1024.1 1024.8 1027.6	-14 -6 -6 -4 -2	NE NNE NNE NNE N	1 3 3 3 3	bc bc bc bc bc	35 35 41 36 38	92 92 85 97 97	7 5 5 6 6	5 5 5 5 5	- - - - -	- - - - -	10 10 9 2-3 7-8	10 0 1500 46 7-8	800 -	6 2 1 4 3	3 2 *	by cbcc cprc crosuom cidom	bco bmcm oprc crosuom cidom	cmcm cmcm cmcm cmcm cmcm	cmcm cmcm cmcm cmcm cmcm
3	Birmingham Upper Heyford	1027.0 1026.2	-10 -18	NNE NE	3 3	rf dr	37 35	97 97	3 5	- -	- -	10 10	450 400	1026.4 1025.3	0 -6	NNE NE	2 3	of of	35 37	92 97	3 6	6 5	- -	- -	10 9	10 9	800 900	1 1	*	ofir cdadomo	ofir crosuom	fair cmcm	fair cmcm	
4	Ross-on-Wye ...	1026.2	-14	NE	4	pr	39	85	6	5	-	10	10	1500	1025.7	-4	NE	4	z	39	85	5	5	4	-	10	10	800	1	*	omopcc	cdcom	adcm	admac
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Soilly (St. Mary's) Guernsey ...	1024.2 1026.0 1021.8 1022.9 1021.6 1021.6 1021.6	-8 -14 -20 -22 -20 -22 -22	NE NE NE NE ENE NE'E NE'E	6 4 4 5 7 7 6	ir c/d bc c c c c	38 36 38 39 40 42	85 92 92 65 75 75	7 6 7 8 8 7	8 5 - 2 6 8	2 - - - - - 3	7 9 4 5 6 7 8	9 9 4 9 7 7 8	2000 900 2500 1800 2000 1200	1023.4 1025.4 1022.4 1022.6 1020.4 1020.2	+6 +6 +16 +6 0 -2	NE NE NE NE'E ENE NE'E	6 3 4 4 8 7	c c bc bc bc bc	40 37 37 37 40 40	85 92 92 75 75 65	8 5 5 6 8 7	8 5 5 5 8 8	- - - - - -	- - - - - -	9 10 4-6 Tr 4-6 4-6	9 1000 2500 2000 2000 1500	0 1 0 0 0 0	5 1 2 5 5	cir cdlopcc bc cmoroscm cbecpp c	c cbccm bc cbbm cbcc bc	cmcm cmcm cmcm cmcm cmcm cmcm	bcc cmcm cpr bcbcm c	
6	Pembroke ...	1026.7	-14	NE'E	4	cg	40	75	7	8	-	9	9	2000	1026.2	+2	NE'E	4	c	40	85	6	8	7	-	7-8	9	3000	1	3	cg	zoc	cm	c
7	Holyhead ...	1030.0	-18	NNE	5	c	42	85	8	5	3	7-8	9	4000	1028.5	-4	NNE	6	cg	42	85	8	5	3	-	3	9	3500	1	4	c	probcc	cm	cm
8	Chester (Sealand) Manchester ...	1029.7 1029.4	-18 -18	NW NE	3 2	ir ir	37 41	85 85	4 5	5 5	- -	10 7-8	10 1300	1028.4 1028.3	-2 -2	NW NW	2 2	of ir	38 40	85 85	3 4	5 5	- -	- -	10 9	10 1300	1 1	*	cmairam cm	cmir cmir	cmir cmir	cmir cmir		
10	Spurn Head Catterick Tynemouth ...	1027.6 1030.0 1031.1	-12 -22 -20	NE NNE N	3 3 6	c/pr ir pr	41 40 41	55 92 92	7 5 7	3 5 8	7 - -	4 10 9	7 1200 1500	1025.8 1028.4 1028.2	-6 -6 -6	NE NE N	4 2 5	pr pr pr	40 40 43	92 92 97	7 5 6	3 5 5	- - -	- - -	4-6 10 10	9 1500 1700	0 1 1	3 4	cpr cdadomo cpr	cmir cmir cmir	cmir cmir cmir	cmir cmir cmir		
11	St. Abbs Head Leuchars ...	1031.6 1033.0	-18 -18	NW NW	4 2	c z	40 37	92 85	8 6	5 7	2 - -	7 4-6	10 2800	1029.8 1031.2	0 -6	NW NNW	5 1	c c	43 41	92 85	8 7	5 5	2 7	- -	9 9	10 2500	1 4	5 *	rc crobccm	c cmoc	cd cd	cgir cmir		
12	Renfrew (Abbots L.) Eskdalemuir ... Point of Ayre ...	1033.9 1031.7 1031.7	-22 -10 -10	WNW NNE NE	1 4 3	f bc/rs c	34 37 40	85 75 75	3 7 8	5 5 7	3 - -	2-3 4-6 7-8	4-6 9 9	3500 1500 1500	1032.6 1030.4 1030.8	-2 -4 -4	WNW NNE NNE	1 4 4	z pr c	35 38 41	92 85 85	6 6 7	5 5 5	- - -	- - -	9 9 10	4000 800 1500	6 4 0	4 *	cbccffx bbccpr bbcc	bbccm bbccm c	cmcm cmcm c	cmcm cmcm cmcm	
13a	Tiree ...	1035.1	-12	N'E	2	bc	44	85	9	2	3	2-3	4-6	3500	1033.0	-4	N'E	3	c	45	85	8	5	-	-	9	9	2700	0	3	bc	c	*	bcb
13b	Stornoway ...	1035.8	-16	NW	3	c	42	85	8	5	-	9	9	2200	1035.4	-4	N	4	pr	42	92	7	5	7	-	4-6	9	1200	1	2	cpr	cpr	cmir	cmir
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick...	1034.0 1032.2 1033.6 1031.8	-16 -18 -12 -12	NE NNW NNW NNW	1 4 4 4	c c c bc	35 39 43 42	92 55 92 85	8 7 7 8	8 1 5 5	- - 6 -	9 9 4-6 4-6	9 4000 2500 1500	1033.0 1031.0 1032.9 1032.2	-4 0 -2 +2	NNE N NW N'E	1 4 4 5	pr bc c c	33 41 43 44	97 97 97 92	7 6 6 7	5 5 7 5	- - 7 -	- - 7 -	10 2-3 7-8 4-6	10 1500 1500 1500	6 1 3 *	3 1 3 *	cpr cpr cpr cpr	cmir cmir cmir cmir	cmir cmir cmir cmir	cmir cmir cmir cmir		
17	Blacksod Point...	1034.1	-16	E'N	3	c	42	85	8	-	7	0	7-8	-	1033.1	+4	NE	3	bc	39	97	8	-	4	-	0	4-6	-	0	2	c	cbcc	c	c
18	Malin Head Aldergrove ...	1035.1 1033.9	-8 -20	NE NNE	1 2	b b	40 39	75 75	8 7	- -	- 4	0 0	0 Tr	- -	1033.8 1032.7	-6 -2	NE N	3 2	c ir	44 39	75 85	8 8	5 5	- -	- -	7-8 10	7-8 10	4000 2500	0 3	2 *	cbcc c	c c	c c	cbcc
19	Birr Castle ...	1032.9	-16	NE	1	c	35	75	8	5	-	10	10	2500	1031.9	+6	E	1	0	35	85	7	5	-	-	10	10	2500	3	*	c	cc	c	c
20	Valentia Obsy. † Roche's Point ...	1031.7 1029.8	-10 -12	NE NE	4 4	c c	38 39	75 75	7 8	8 5	- -	7 9	7 9	2500 2500	1029.7 1028.0	-6 -4	NE NNE	4 4	lc c	37 38	75 75	8 8	5 5	- -	- -	7-8 9	7-8 9	2500 2500	1 4	3 *	bcc c	cbcc c	c c	c c

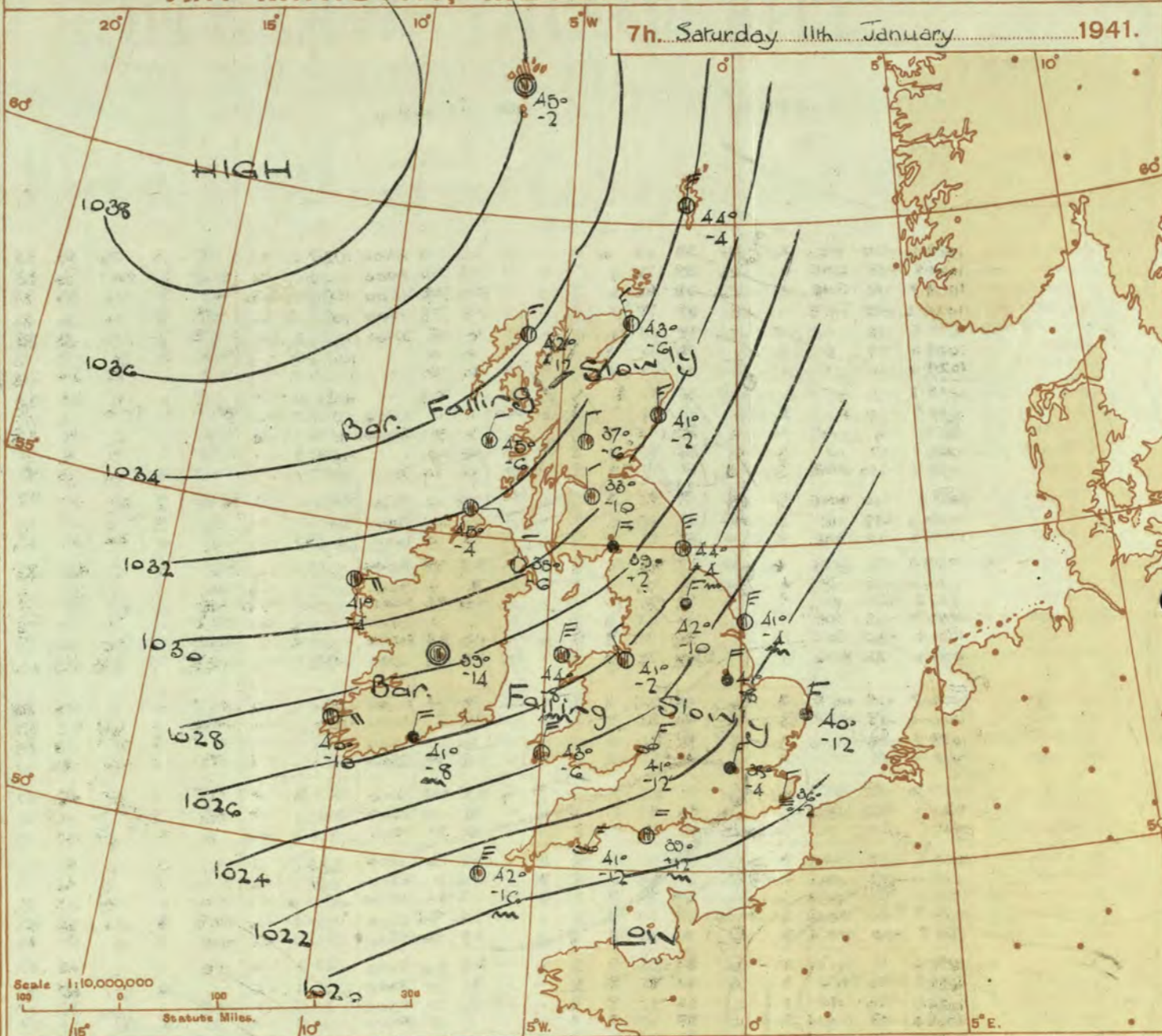
Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 10th January... 18h. G.M.T.				01h. G.M.T. 11th January... 07h. G.M.T.					
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN
109	5-	02656	22326	5-	02657	31327	57	02654	32415
115	52	02835	32388	52	01735	02388	52	02734	02387
203							5-	03838	08288
206	5-	22855	32265	57	02854	00068			
210	5-	22767	23267	5-	02758	29328	53	02865	02228
220	83	32304					53	02745	02326
230	53	01863	00013	53	17563	00013	50	05671	00011
245	5-	02857	32327	50	00851	32581	8-	02755	32355
260				5-	21558	00058	53	05655	00026
277	54	00781	30402	5-	02758	30428	50	01764	32324
279	5-	51656	02256	5-	05657	32287			
285	5-	22638	32268	5-	01637	08487			
288	5-	61448	32368	5-	08448	32428	51	52436	36558
293	7A	00761	30212				5-	22548	35468
301	5-	17457	31327	5-	57358	02268	5-	05657	32247
321	6-	61538	01468	5-	22448	30268	6-	21536	31357
299	5-	22744	02384	5-	02746	02416	5-	21748	02558
292	5-	61547	30467	5-	05547	30467	50	01844	03314
310	--	57203	04323	--	51528	04558			
316	5-	67338	02368	5-	67348	02368	5-	21538	02458
333	50	01865	02315	5-	02757	02527	5-	05658	36528
334							5-	05655	04525
340	53	52428	05408	5-	21448	32458	5-	52448	36358
136	53	63627	04337	83	25744	02387	6-	52418	02488
336	62	03754	32028	62	51644	04458	62	03754	32428
350	5-	62573	04363				5-	21638	02468
368	5-	05637	07427						
379	--	57289	04459	6-	57318	06458	--	48109	04349
390				5-	05543	02113	--	57203	02359
382	5-	22737	03368	5-	05527	02327	5-	57328	32358
438	00	00800	04570				5-	51210	02359
430	00	00790	07400	03	05400	04302			
409	5-	02856	37566	50	00843	05623	50	00741	03411
							5-	52638	04358

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 11th January 1941.



Mb.
-1050
-1040
-1030
-1020
-1010
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DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 11th January

1 S.E. England	Moderate northeast wind. Cloudy; a few bright intervals and local wintry showers later, particularly near the East coast and temperature falling again later but remaining above freezing point.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Moderate northeast winds, fresh or strong locally on coasts. Occasional slight rain at first. A few bright intervals later; rather cold.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Moderate northeast wind, fresh on coasts. Mainly cloudy; local showers; rather cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light or moderate northeast wind. Bright intervals; average day temperature; slight frost at night.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	Light or moderate northeast wind. Mainly cloudy; local showers; average temperature.
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	A 7-11
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A large anticyclone is centred between Scotland and Iceland and a trough of low pressure extending from East Scotland to East Anglia is moving southwest. Weather will be mainly cloudy with occasional light rain or drizzle at first. Later, there will be a few bright intervals and some wintry showers, particularly near the East coast. Day temperatures will be above freezing point generally, but frost may occur in a few localities at night.

FURTHER OUTLOOK.

Becoming colder in the South with local wintry showers.

Forecasts issued at 1030 G.M.T.

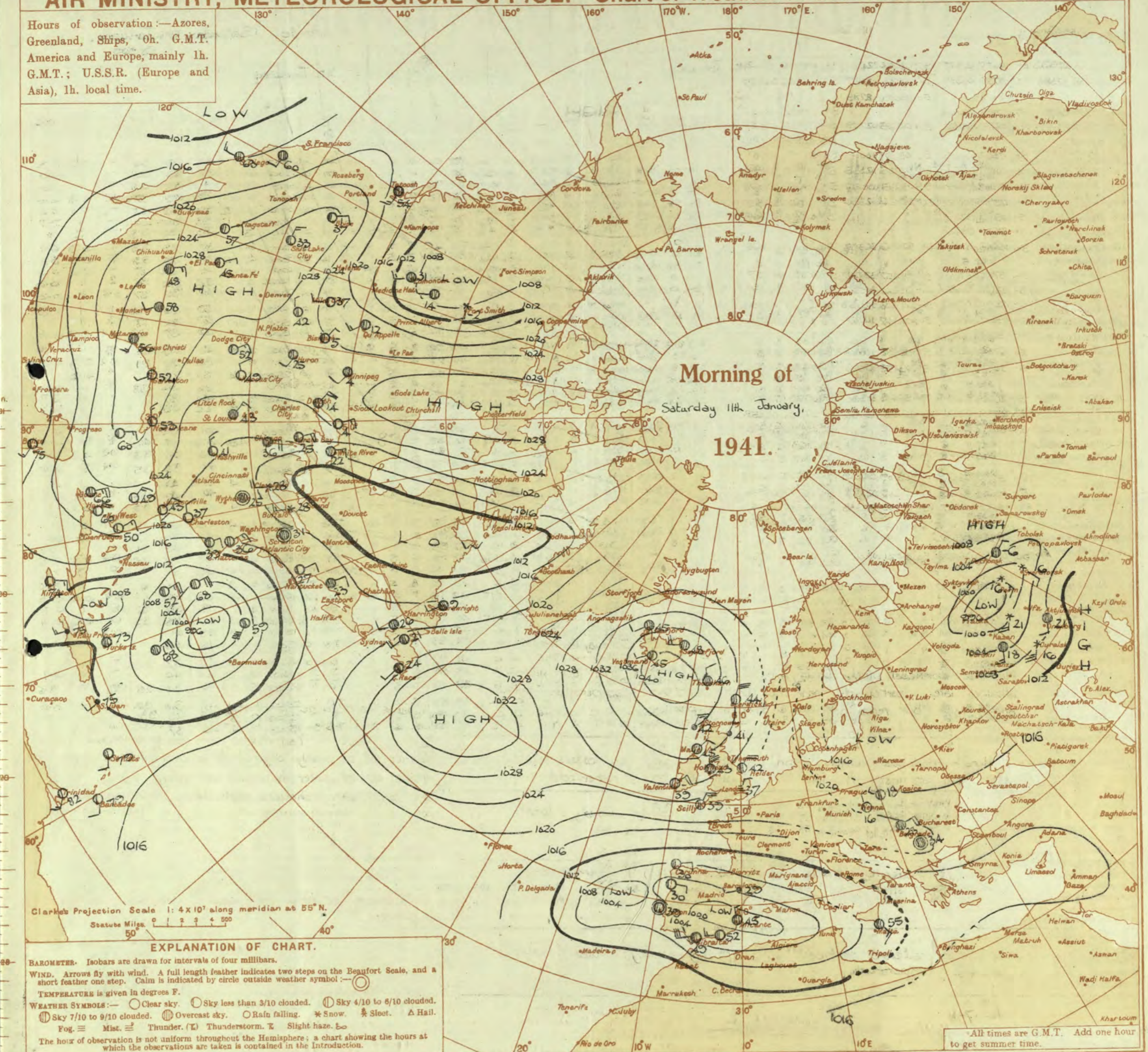
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

270,3394. W. 5045. 2.3708. 6p.248. 3500. 1/41

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 11th January, 1941.
No. 28,905

OBSERVATIONS at 1 hr. G.M.T. 11th January.															OBSERVATIONS at 7 hr. G.M.T. 11th January.															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. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		Sun-shine Hrs. (36)	
					Dirac. (3)	Force. (4)					Form.			Amount. (12)	Height of Base. (feet) (14)			Dirac. (17)	Force. (18)					Form.			Amount. (26)	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 (34)	Night 18h-7h mm. (35)		
											Low. (10)	Med. (11)	High (13)											Low 0-10 (12)	Total 0-10 (13)	Low (23)											Med. (24)
1	London (Kew) ... 18	1022.8	-14	NE	1	df	37	97	3	S	-	-	10	10	800	1021.3	-10	NE/N	3	16	39	92	6	S	-	-	10	10	1500	1	*	39	37	34	-	0.3	3.8
	Croydon ... 217	1022.8	-14	NE	1	df	37	97	3	S	-	-	10	10	800	1021.0	-4	NE/N	3	16	38	97	4	S	-	-	10	10	800	1	*	37	35	34	-	1	6.0
	S. Farnborough ... 226	1023.4	-12	NNW	2	id	37	97	5	S	-	-	10	10	600	1021.9	+2	NE/E	3	16</																	

[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.Se., A.R.C.S., Director.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Sunday 12th January 1941.
No. 28,902

OBSERVATIONS at 13h. G.M.T. 11th January														OBSERVATIONS at 18h. G.M.T. 11th January														PAST 24 HOURS.								
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-12	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-12	Cloud.					State of Ground.	Sea.	WEATHER.						
				Direc.	Force.					Form.	Amount.	Height of Base. (feet)	Direc.	Force.			Form.	Amount.					Height of Base. (feet)	Direc.	Force.	Form.	Amount.			Height of Base. (feet)	7h.—13h. 11h.	13h.—18h. 11h.	18h.—12h. 12h.	12h.—7h. 12h.		
1	London (Kew)...	1020.3	-0.8	Z	12	5	41	85	6	5	-	-	10	10	1500	1021.5	+0.6	NE	4	10	41	85	5	5	-	-	4-6	4-6	1500	1	*	cm	cm	cm	cm	
	Croydon ...	1020.8	-0.8	Z	12	4	39	87	5	2	-	-	9	10	800	1020.7	0	E	5	10	39	92	4	5	2	-	10	10	800	1	*	cd	cm	cm	cd	
	S. Farnborough	1020.6	-1.4	Z	12	3	40	85	6	2	-	-	9	10	700	1020.3	+0.6	NE	4	20	40	85	6	5	-	-	10	10	1100	1	*	cd	cd	cd	cd	
	Boscombe Down	1020.6	-1.2	Z	12	4	40	85	6	5	-	-	10	10	800	1020.6	+0.2	NE	5	20	39	85	6	6	-	-	10	10	1000	1	*	c	cm	cm	cm	
	Calshot (Soton.)	1020.1	-1.0	Z	12	4	41	85	6	5	-	-	10	10	200	1020.1	+0.2	NE	4	20	40	85	6	5	-	-	10	10	1000	1	3	cd	cm	cm	cm	
	Lymington	1020.1	-0.8	Z	12	2	36	87	6	5	-	-	10	10	400	1020.5	+0.6	NNE	3	10	36	87	5	6	-	-	10	10	200	1	3	cd	cm	cm	cm	
	Manston	1019.9	-0.6	Z	12	4	35	92	6	5	-	-	9	9	200	1020.6	+0.6	NNE	4	10	36	92	5	5	-	-	10	10	200	1	*	cd	cm	cm	cm	
2	Shoeburyness ...	1020.8	-0.4	Z	12	2	38	92	6	5	-	-	10	10	800	1021.3	+0.6	NNE	2	10	38	92	7	5	-	-	10	10	800	1	*	cm	cm	cm	cm	
	Felixstowe ...	1020.3	-0.6	Z	12	4	40	85	7	5	-	-	10	10	800	1021.1	+0.6	NE	4	10	39	92	6	6	-	-	10	10	1000	1	3	cd	cm	cm	cm	
	Gorleston ...	1021.6	-0.6	Z	12	4	40	92	6	5	-	-	10	10	1500	1021.9	+0.6	NE	4	10	40	92	6	6	-	-	10	10	1500	1	2	cd	cm	cm	cm	
	Mildenhall ...	1021.7	-0.6	Z	12	4	41	85	7	5	-	-	10	10	900	1022.4	+0.6	NE	4	10	40	85	7	8	-	-	10	10	1700	1	*	cm	cm	cm	cm	
	Cranwell ...	1024.7	-2	Z	12	6	42	85	6	5	-	-	10	10	300	1024.7	+0.6	NE	4	10	40	85	6	5	-	-	10	10	500	1	*	cm	cm	cm	cm	
3	Birmingham	1023.7	-4	Z	12	3	41	80	5	6	-	-	10	10	800	1023.5	0	NE	4	10	41	85	4	5	-	-	10	10	800	1	*	cd	cm	cm	cm	
	Upper Heyford	1022.6	-4	Z	12	4	40	82	6	5	-	-	10	10	600	1022.7	+0.8	NE	4	10	39	85	6	5	-	-	10	10	1200	1	*	cd	cm	cm	cm	
4	Ross-on-Wye ...	1022.6	-8	Z	12	4	43	75	6	5	-	-	10	10	1500	1022.5	0	NE	4	10	42	75	6	5	-	-	10	10	1500	1	*	cd	cm	cm	cm	
5	Hartland Point	1020.8	-10	Z	12	5	43	80	8	5	2	-	7-8	10	2500	1019.8	-0.6	NNE	5	43	85	7	5	2	-	7-8	10	2500	0	4	*	cd	cm	cm	cm	
	Bristol ...	1022.0	-12	Z	12	4	42	85	6	5	-	-	10	10	2000	1021.9	+0.2	NE	4	20	41	85	6	5	2	-	10	10	1500	1	*	cd	cm	cm	cm	
	Portland Bill ...	1020.0	-8	Z	12	4	41	92	7	5	-	-	10	10	2000	1019.9	+0.2	NE	4	20	40	92	7	5	-	-	10	10	2500	1	4	*	cd	cm	cm	cm
	Plymouth ...	1021.1	-4	Z	12	4	42	75	6	5	-	-	10	10	2000	1019.9	-0.2	NE	4	20	42	75	6	5	-	-	10	10	2000	0	3	cd	cm	cm	cm	
	The Lizard ...	1020.1	-4	Z	12	6	42	82	7	5	-	-	10	10	900	1018.6	0	E	7	10	43	85	7	8	2	-	10	10	1500	0	5	cd	cm	cm	cm	
	Scilly (St. Mary's)	1019.8	-8	Z	12	5	43	85	7	8	2	-	7-8	10	1500	1018.3	-0.2	NE	6	43	75	7	8	-	-	10	10	1200	0	5	cd	cm	cm	cm		
	Guernsey ...	1019.8	-8	Z	12	5	43	85	7	8	2	-	7-8	10	1500	1018.3	-0.2	NE	6	43	75	7	8	-	-	10	10	1200	0	5	cd	cm	cm	cm		
6	Pembroke ...	1024.1	-2	Z	12	5	44	75	7	8	-	-	9	9	2500	1022.9	-0.4	NE	4	10	43	75	7	8	6	-	4-6	10	3000	1	2	*	cd	cm	cm	cm
7	Holyhead ...	1026.0	-10	Z	12	5	44	85	8	5	-	-	9	9	3700	1025.6	-0.2	NNE	5	43	85	8	5	-	-	10	10	2800	1	4	cd	cm	cm	cm		
	Chester (Sealand)	1026.1	-6	Z	12	2	42	85	4	5	-	-	10	10	2000	1025.5	0	NNE	2	42	85	5	5	-	-	10	10	2000	1	*	cd	cm	cm	cm		
8	Manchester ...	1025.9	-2	Z	12	4	44	75	7	5	-	-	9	9	2100	1025.1	-0.2	NE	5	43	75	6	5	-	-	10	10	2500	1	*	cd	cm	cm	cm		
10	Spurn Head ...	1023.9	-2	Z	12	4	42	85	7	5	-	-	9	9	1500	1024.1	+0.2	NE	4	10	41	85	7	5	-	-	10	10	1500	1	4	cd	cm	cm	cm	
	Catterick ...	1026.9	-8	Z	12	4	43	85	7	5	-	-	9	9	1800	1026.5	-0.2	NNE	5	40	40	87	5	5	-	-	7-8	7-8	800	1	4	cd	cm	cm	cm	
	Tynemouth ...	1028.0	-8	Z	12	5	43	85	8	8	-	-	7-8	7-8	2100	1028.3	+0.2	NNE	6	44	85	7	5	-	-	10	10	1500	1	4	cd	cm	cm	cm		
11	St. Abbs Head	1029.0	-6	Z	12	5	41	92	8	5	4	-	7-8	10	2500	1029.6	+0.2	NNE	5	42	85	8	5	4	-	7-8	10	2500	1	4	cd	cm	cm	cm		
	Leuchars ...	1030.0	-6	Z	12	2	41	92	7	5	-	-	9	9	2200	1030.5	0	NNE	1	37	37	92	7	5	3	-	7-8	10	2500	2	*	cd	cm	cm	cm	
12	Reafrew (Abbots I.)	1031.2	-2	Z	12	1	43	75	8	7	-	-	7-8	7-8	4500	1030.4	+0.2	E	2	41	41	75	7	5	-	-	7-8	10	4000	1	*	cd	cm	cm	cm	
	Eskdalemuir ...	1028.7	-6	Z	12	3	39	85	8	5	-	-	9	9	800	1028.0	0	NE	5	38	85	7	5	-	-	2-3	2-3	1500	1	4	cd	cm	cm	cm		
	Point of Ayre ...	1028.5	-2	Z	12	4	44	85	8	5	4	-	4-6	7-8	1500	1027.6	-0.2	NE	4	42	85	8	5	-	-	2-3	2-3	2500	0	4	cd	cm	cm	cm		
13A	Tiree ...	1032.4	0	Z	12	2	45	75	8	5	-	-	1	1	3500	1031.2	0	NE	2	43	85	8	-	3	-	0	Tr	-	0	2	cd	cm	cm	cm		
13B	Stornoway ...	1034.8	0	Z	12	3	43	85	8	5	7	-	7-8	10	2500	1033.2	-0.2	N	3	43	92	6	5	7	7	4-6	10	2500	1	2	cd	cm	cm	cm		
15	Dalwhinnie ...	1031.5	-2	Z	12	2	38	92	7	5	-	-	9	9	800	1030.5	-0.2	N	1	37	37	92	6	5	-	-	10	10	800	1	3	cd	cm	cm	cm	
	Aberdeen ...	1031.1	-2	Z	12	2	44	85	7	9	8	-	7-8	7-8	1500	1030.6	-0.2	NNE	2	42	85	7	5	3	-	10	10	1500	1	3	cd	cm	cm	cm		
	Wick ...	1032.5	-2	Z	12	3	46	82	7	5	7	-	7-8	9	2500	1031.7	-0.2	NNE	3	43	97	6	5	7	-	7-8	10	1500	1	3	cd	cm	cm	cm		
16	Lerwick ...	1031.7	-4	Z	12	3	45	85	7	5	7	-	7-8	10	800	1030.8	-0.2	NNE	3	43	92	6	5	7	-	7-8	10	800	1	*	cd	cm	cm	cm		
17	Blackad Point...	1030.8	-12	Z	12	2	43	97	8	-	5	-	0	9	-	10																				

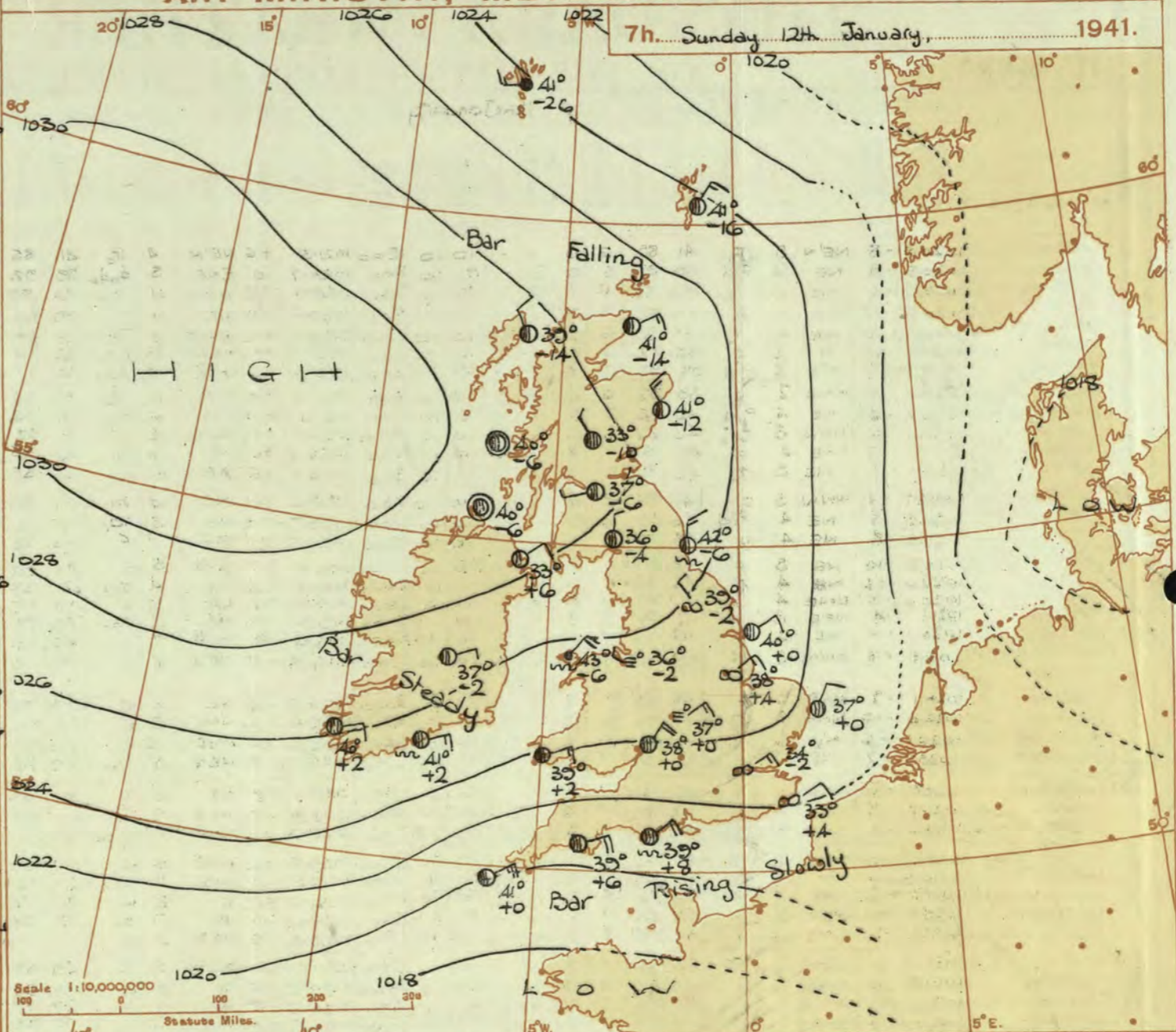
Abridged observations of additional stations in the

AVIATION WEATHER CODE

13h. G.M.T. 11th January 13h. G.M.T.				01h. G.M.T. 12th January 07h. G.M.T.								
IIIC _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	
109	5	03678	31428	5	03648	28328	5	03658	00028	8	81658	01528
115	53	02834	04327	53	02834	04327	52	03735	32128	52	92835	28328
203				5	03838	06228	5	03848	06228			
206	5	02858	00028	5	02757	00027	5	03758	00028	52	02755	00028
210	58	02755	02327	5	02767	32327	51	05654	18128	52	22755	2426
220				53	02753	02317				55	02753	02128
230	53	00861	02201	50	00861	00001	5	02768	04118	5	02768	00028
246	86	02056	02458	8	02955	02426	5	05678	28128	5	05668	28328
260	53	01755	02266	5	05657	04287	5	08457	00027	5	08458	32128
277	5	02856	02466				00	00950	31301	5	02877	32227
279				8	81847	04387	50	01774	02214	5	05656	00026
285	3	81637	08487	9	81636	06586						
288	8	81447	35487	8	81438	37488	8	81657	38487	5	08458	02228
273	74	05663	04116									
301	5	05656	04426	5	05658	02328	5	02755	04225	50	05664	04214
321				5	51647	03457	53	21655	32357	50	05653	30213
299	5	02746	02556	6	02748	02528	5	01744	04454	50	01743	32213
292	8	81846	35586	5	02846	02486	8	28845	03365	40	08443	30213
310	--	02638	32028									
316	62	51636	02358	5	02648	04328	5	05647	04327	5	05656	02326
333	5	02856	32226	5	05656	04226	5	02767	03427	50	01763	03313
334												
340	5	05648	01328	5	05648	04328	50	05644	02364	5	05658	02228
336	5	51638	04468	52	51746	03458	5	52648	04458	5	02758	05358
338	62	03754	04428	62	03754	04428						
350	6	53728	02358							5	61647	04367
368												
379	5	02747	04527	5	05638	04528	5	52638	06558	5	05648	06428
390	62	52587	02358	5	02647	04427				5	51635	04358
382	5	51738	02358	5	21648	02458	5	51748	02458	5	02748	04358
438	5	03538	04528							50	01743	04513
430	5	05648	04458				5	08645	06528	50	05641	04411
409	62	51845	03448	52	05647	03358	5	02748	04528	5	02748	04428

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
 ww, W = Present and past weather—See M.O. 252.
 h, N_h = Height and amount of low cloud—See M.O. 252.
 N = Total amount of cloud—See M.O. 252.
 C_M = Form of low and medium cloud—See page 1.
 V = Visibility. F = Force of wind—See page 4.
 DD = Direction of wind (8 = E, 10 = S, 24 = W, 32 = N).

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

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

1 S.E. England	Moderate N. to N.E. wind, backing N.W., strong locally on East Coast; mainly cloudy; a few bright intervals; occasional rain locally later; rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Moderate N.W. wind, fresh or strong locally on coasts, veering N. cloudy; occasional rain; bright intervals and local wintry showers later; rather cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Moderate N.W. wind, veering N. to N.E.; bright intervals at first occasional rain later; 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 temperatures.

GENERAL INFERENCE.

An anticyclone centred south of Iceland is receding southwestwards, and a deepening depression to northeastwards of the British Isles is moving southeastwards. Weather will be mainly cloudy, with occasional slight rain chiefly in the North. Later, bright intervals and wintry showers will reach northern districts of the British Isles. Winds will freshen from N.W. in the North and East becoming strong locally on coasts. It will be rather cold generally.

FURTHER OUTLOOK.

Unsettled and rather cold.

Forecasts issued at 1030h G.M.T.

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

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

570/5384. 19. 2045. 3.3704. 4p. 548. 3500. 1/41.

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 12th January,
1941.

Clarke's Projection Scale 1: 4 X 10⁷ along meridian at 55° N.

Statute Miles. 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:—○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 8/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. * Sleet. Δ Hail. Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. T Slight haze. T

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

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 12th January 1941.
No. 28,306

OBSERVATIONS at 1 hr. G.M.T. 12th January														OBSERVATIONS at 7 hr. G.M.T. 12th January														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.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Min. on Grass °F.	Day 7h-18h mm.			Night 18h-7h mm.	11th Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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SECRET

Page 1.

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Monday 13th January 1941.
No. 28,307

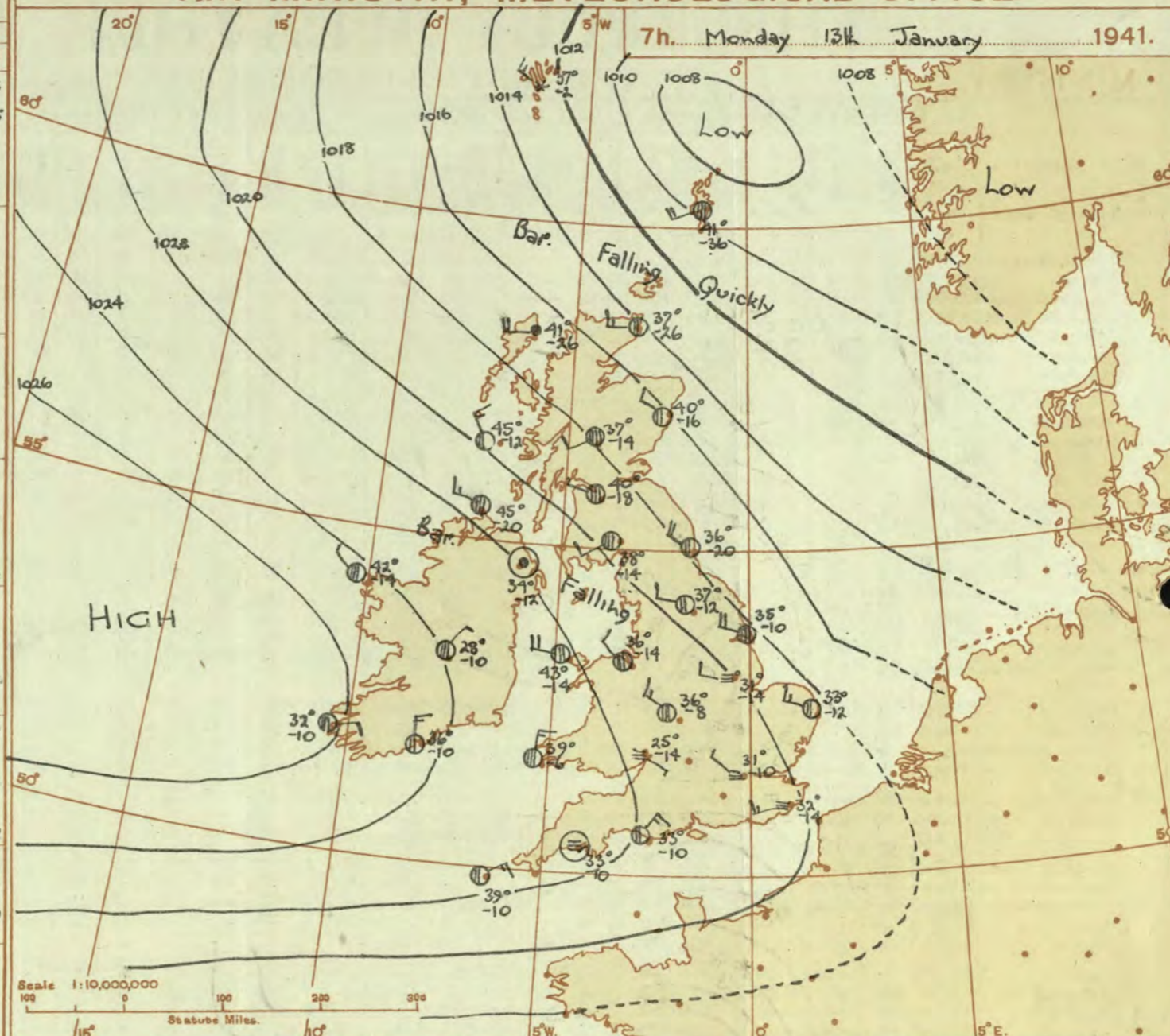
OBSERVATIONS at 13h. G.M.T. 12th January														OBSERVATIONS at 18h. G.M.T. 12th January														PAST 24 HOURS.					
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.					
				Dirac. (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. 12h. (37)	13h.—18h. 12h. (38)	18h.—to 13h. 13h. (39)	1h.—7h. 13h. (40)
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lympne ... Manston ...	1024.0 1023.7 1024.4 1023.9 1023.7 1023.4 1023.4	-2 +2 0 +2 +6 0 -4	NE ENE E/H NE/E ENE NE NNE	4 4 2 3 3 3 2	33 36 37 37 37 36 37	75 85 85 85 85 85 75	5 5 5 5 6 5 5	- - - - - - -	- 10 10 10 10 7-8 10	10 10 10 12 10 7-8 10	2500 1200 1200 1200 1200 1500 1600	1023.8 1023.6 1024.2 1024.3 1023.7 1023.5 1023.2	+2 -2 +2 +6 +2 +2 -2	NNW - NW NE NE NNE -	2 - 1 2 1 - 0	m m z c z c -	38 35 36 34 37 32 34	75 85 85 85 75 92 85	4 5 5 5 5 5 5	- - - - - - -	- - - - - - -	10 9 9 9 10 9 9	10 3000 2200 4000 1200 2500 1600	1500 2500 1500 3000 1500	1 1 2 1 4 5	1 1 2 1 1 1 1	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c		
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1023.7 1023.3 1023.6 1023.6 1025.0	0 -6 -6 -6 -6	NE NNE NE - N	2 2 1 0 0	37 38 42 43 40	85 75 85 85 92	8 6 7 8 5	5 5 8 5 5	- - - - -	10 3 4-6 1 10	10 9 4-6 1 10	1500 1800 2000 3000 1000	1023.3 1022.7 1022.2 1022.9 1024.6	-2 -2 -4 -2 -2	N NNW NW NN NW	1 2 2 2 3	m z c z m	36 38 41 40 39	97 85 85 92 97	4 5 5 6 4	- 3 - 3 -	- - - - -	10 4-6 9 2-3 9	10 2500 1500 3000 1500	1500	1 1 2 1 1	1 1 2 1 1	c c c c c	c c c c c	c c c c c	c c c c c	
3	Birmingham Upper Heyford	1024.9 1024.6	0 -6	NE NE/E	2 3	41 39	78 85	4 7	- 5	- -	1 9	1 9	2500 1800	1024.5 1024.1	-2 0	NE -	2 0	m z	35 37	85 92	4 5	- -	- 4	4-6 0	4-6 -	2500 -	1 1	1 1	a c	b c	f c	b b	
4	Ross-on-Wye ...	1025.0	-4	NE	3	40	75	7	5	-	9	9	2500	1024.3	0	-	0	bc	37	85	3	-	5	0	2-3	-	1	1	a c	b c	f c	b b	
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Silly (St. Mary's) Guernsey ...	1023.4 1025.1 1022.4 1023.1 1021.7 1022.6	+4 0 +8 +2 +6 +6	NNE NE ENE ENE E/H NE/E	4 4 4 3 6 4	38 38 39 42 41 41	75 85 92 85 85 75	8 6 7 8 8 7	5 5 5 5 6 5	- - - - - -	9 10 9 2-3 7-8 9	9 10 9 2-3 7-8 9	2000 1300 2500 1800 1700 1400	1023.7 1024.8 1023.5 1024.0 1023.1 1022.9	+4 0 +2 +8 +6 0	ENE ENE NE E/N E/N NE/E	4 1 4 3 5 4	c z c z c c	38 37 37 36 39 40	75 85 92 75 85 75	7 6 5 6 8 7	8 5 5 4 8 5	- - - 1 2 -	- - - 1 9 9	4-6 4-6 10 1 7-8 9	7-8 2000 2500 3000 1500 1500	2400 2000 2500 3000 1500	0 1 1 1 0 0	4 1 4 1 3 4	c c c c c c	c c c c c c	c c c c c c	c c c c c c
6	Pembroke ...	1025.2	+2	ENE	4	40	78	7	8	-	9	9	2500	1025.5	+2	NE	4	bc	38	85	7	5	4	1	2-3	4-6	3000	1	3	c	c	b	b
7	Holyhead ...	1026.4	+2	NNE	4	44	85	8	1	3	4	4	2500	1025.7	-4	NNE	4	c	42	92	8	5	3	-	2-3	9	4200	1	3	c	b	f	b
8	Chester (Sealand)	1026.0	-8	WNW	1	40	85	3	5	-	4-6	4-6	2500	1025.8	-2	N	2	c	37	92	6	5	-	-	9	9	6600	1	1	c	b	f	b
8	Manchester ...	1026.1	-6	WNW	2	37	97	3	5	3	7-8	7-8	1500	1025.2	-6	NNW	2	cf	35	92	3	5	-	-	9	9	5500	1	1	c	b	f	b
10	Spurn Head ... Catterick ... Tynemouth ...	1024.0 1025.6 1025.7	-6 -10 -8	NW NW NNW	3 2 3	40 43 43	85 85 85	7 7 6	5 5 5	- - 3	9 9 4-6	9 9 7-8	1500 4500 3200	1022.9 1024.1 1024.1	-6 -18 -18	NNW W NNW	3 2 3	c bc c	40 38 40	92 75 75	7 5 6	5 5 3	- - -	7-8 2-3 4-6	7-8 2-3 7-8	1500 5500 3000	1 1 1	3 4 2	c c c	c c c	c c c	c c c	
11	St. Abbs Head Leuchars ...	1025.4 1026.1	-16 -6	NW WNW	3 3	43 42	85 75	8 7	5 5	2 -	7-8 9	10 4000	1022.6 1023.5	-14 -10	NW NW	4 3	bc bc	41 39	65 75	6 7	5 5	5 3	- -	2-3 2-3	4-6 4-6	2500 3200	1 1	3 1	c c	c c	c c	c c	
12	Reufrew (Abbots L.) Eskdalemuir ... Point of Ayre ...	1028.6 1026.3 1027.1	-6 -14 -4	WSW N NW	2 1 1	39 40 43	85 65 85	5 8 8	5 5 5	- - -	9 9 1	10 9 10	6000 4000 2500	1025.9 1024.4	-8 -14	WN NNW	2 4	bc c	38 37	85 75	8 8	5 5	- -	2-3 7-8	2-3 7-8	5500 4000	1 1	1 1	c c	c c	c c	c c	
13A	Tiree ...	1028.2	-4	NW	1	45	75	8	8	3	4-6	7-8	2500	1027.1	0	NW	3	bc	43	85	8	8	-	2-3	2-3	2500	0	3	c	c	b	b	
13B	Stornoway ...	1027.4	-8	NW	2	42	92	7	8	7	7-8	9	2000	1025.4	-6	NNW	3	c	41	92	7	5	7	-	7-8	9	2500	1	2	c	c	b	b
15	Dalwhinnie ... Aberdeen ... Wick ...	1026.8 1024.6 1022.9	-16 -18 -26	NW WNW WNW	1 3 4	38 42 42	85 75 85	7 5 8	8 5 7	- 5 1	9 10 4-6	9 10 4-6	1500 4000 2500	1024.8 1021.3 1020.8	-16 -20 -10	NW NW NNW	1 4 4	c b bc	36 40 41	85 85 85	7 8 8	8 5 4	- - -	7-8 7-8 4-6	1500 4000 800	4 1 1	3 3 3	c c	c c	c c	c c		
16	Lerwick...	1024.3	-26	WSW	3	41	86	7	8	7	7-8	9	800	1018.0	-4	NW	5	c	39	85	8	5	7	-	4-6	7-8	1500	1	1	c	c	b	b
17	Blacksod Point...	1030.5	0	N	1	42	85	8	-	5	0	4-6	-	1029.7	0	-	0	c	41	97	8	-	3	-	0	9	-	0	3	c	c	c	c
18	Malin Head ... Aldergrove ...	1029.3 1028.6	-6 -10	SSW -	1 0	44 39	85 85	8 7	2 5	6 -	2 10	7-8 10	4000 6000	1028.0 1027.9	-4 -2	NW -	2 0	c z	44 36	85 97	8 5	4 5	6 -	- 9	7-8 9	4000 5500	0 1	1 1	c c	c c	c c	c c	
19	Birr Castle ...	1028.6	+2	E	4	44	65	8	5	-	4	0	1	1028.2	+2	ENE	1	c	37	85	8	5	-	-	9	9	4000	1	1	c	c	c	c
20	Valentia Obsy. † Roche's Point ...	1027.7 1026.5	+2 +2	ENE NE	4 3	43 44	75 75	8 8	5 8	- -	9 9	9 9	4000 2500	1028.1 1026.9	+6 +6	ENE NE	3 3	c c	42 41	75 85	8 8	5 3	- -	9 4-6	9 7-8	4000 1500	1 1	2 4	c c	c c	c c	c c	

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 12th Jan. 18h. G.M.T.				01h. G.M.T. 13th Jan. 07h. G.M.T.			
HT, C _m	wwVhN _h	DDFWN	C _h C _m	wwVhN _h	DDFWN	C _h C _m	wwVhN _h
109	87 81854	25184	8-	10844	26484	03 02850	24186
115	52 81844	28485	52	02844	28385	52 81835	28488
203							
208	8-	01855	24225	84	02854	24185	8-
210	5-	02066	23426	54	01855	23424	52
220	53	01953	02204	84	27765	32384	53
230	83	02853	22127	83	02855	22316	87
245	53	02864	23127	50	01874	24124	54
260	5-	05567	24127	50	45363	00043	53
277	5-	02868	28328	80	00871	26411	54
279	5-	05667	30127	53	08472	16113	00
285							
288	5-	08467	31327	5-	08463	00023	03
273	5-	02858	24225				
301	5-	27387	32447	00	47290	00040	00
321	50	05665	20215	5-	08477	28227	00
299	5-	02757	28227	5-	02746	26386	50
292	5-	05566	28446	53	05662	28282	53
310							
316	86	08453	32244	5-	08467	32287	00
333	50	01864	06204	57	05674	32245	10
334							
340	50	08464	32244	50	08465	30215	00
136	--	02777	30217	53	05653	28317	00
336							
350	5-	02768	04228	57	05654	02225	
368	5-	03748	07528				
379	5-	01745	04315	50	05644	04214	00
390	5-	21648	02358	5-	05657	30127	--
382	5-	02758	06458	5-	08465	28125	00
438	50	01745	04419				
430	5-	02748	06328	5-	05648	03328	5-
409	5-	02756	04426	00	05790	04210	5-

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Monday 13th January

1 S.E. England	Light west-northwest wind becoming moderate or fresh, veering north-northwest later. Local fog at first, soon dispersing. Occasional rain or sleet towards end of period; rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light northeast wind backing northwest and becoming moderate or fresh.
6 South Wales ...	Mainly fair but some local rain or sleet late in period; rather cold.
7 North Wales ...	
8 N.W. England	Moderate to fresh northwest wind. Local thundery showers at first, mostly near West coast. Occasional rain or sleet later; rather cold.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scot- land. ↑	Moderate or fresh northwest wind, strong locally in extreme North for a time, veering northerly later. Occasional rain or sleet with snow on high ground. Bright intervals and local wintry showers later; average temperature, becoming colder later.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and ↑ Shetlands	
17 N. W. Ireland	As 7-12
18 N. E. Ireland	
19 S. E. Ireland	As 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.

An anticyclone centred to the west of Ireland is moving slowly southwestwards, while troughs of low pressure are moving southwards across the British Isles. There will be occasional rain or sleet in the North, with snow on high ground; these conditions spreading southwards, to be followed by local wintry showers. It will be rather cold generally.

FURTHER OUTLOOK.

North or northwest winds and local wintry showers.

Gale warning issued 0705 13.1.41 in districts 13^b and 16.

Forecasts issued at 1030 G.M.T.

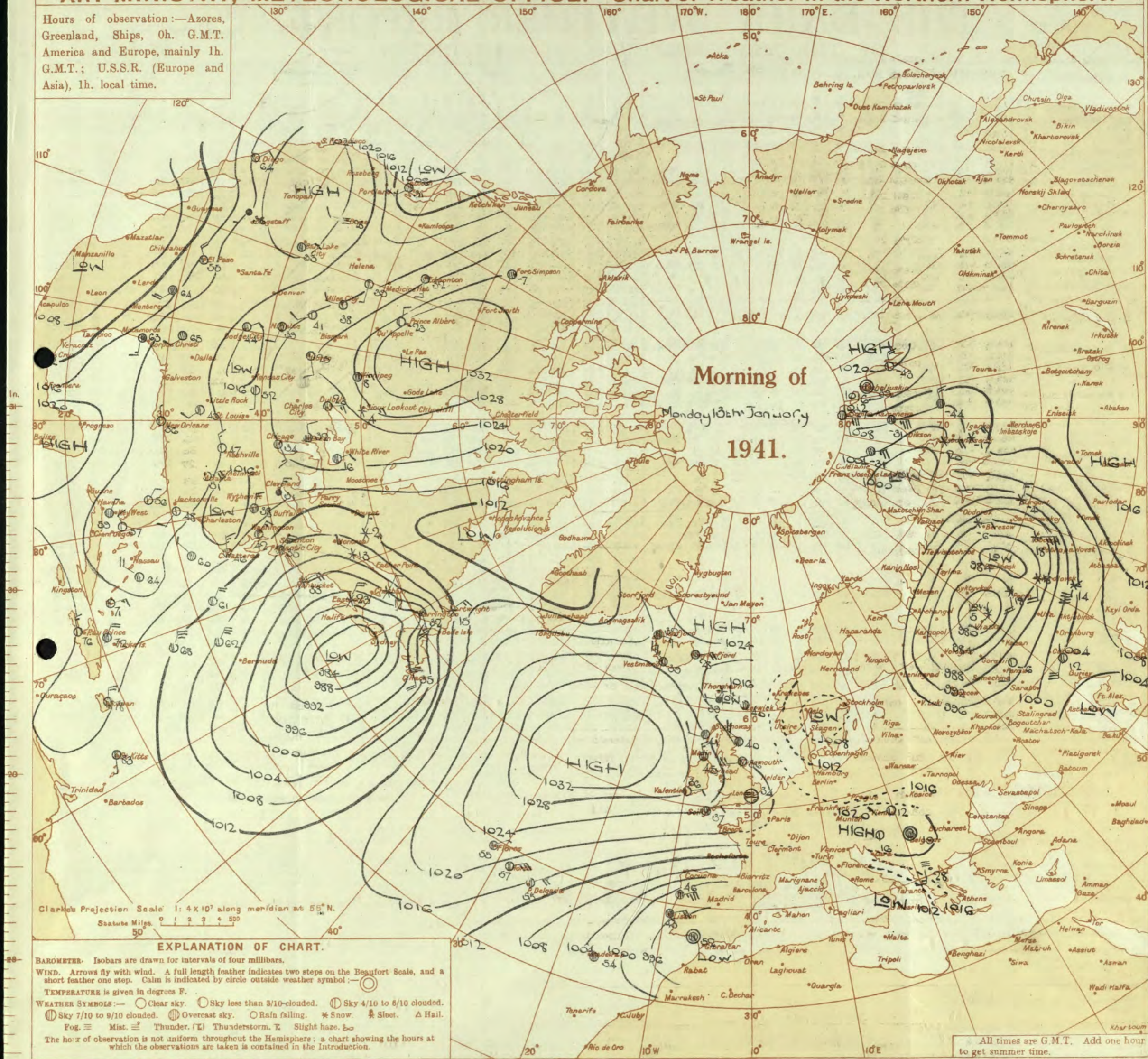
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H.M.S.O. Press, Crown-44 House, S.E.1.

420/2584. W. 4048. D. 3705. 448. 2500 1/41.

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

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



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 13th January. 1941

No 28,907

OBSERVATIONS at 1 hr. G.M.T. 13th January															OBSERVATIONS at 7 hr. G.M.T. 13th January															PAST 24 HOURS.						
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.				SUNSHINE 12th Hrs. (36)			
					Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10-11)		Height of Base. (feet) (14)	Direc. (17)			Force. 0-12 (18)	Form. (23)					Amount. (24-25)		Height of Base. (feet) (28)			Max. Day 7h-13h °F. (31)	Min. Night 13h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-13h mm. (34)		Night 13h-7h mm. (35)		
												Low. (10)	Med. (11)											High (12)	Low (26)										Total 0-10 (27)	Low (26)	Total 0-10 (27)
1	London (Kew) ... 18	18	*	*	*	*	*	*	*	*	1020.3	-12	W'S	2	F	31	37	1	-	-	-	10	10	<150	1	*	38	30	18	Tr	Tr	0.0				
	Croydon ... 217	217	1023.1	-2	*	34	37	4	5	*	1021.2	-10	NW	1	F	31	37	1	-	-	-	10	10	<150	1	*	37	31	28	-	-	0.0				
	S. Farnborough ... 226	226	1023.4	-4	*	31	37	3	5	*	1021.5	-10	W'S	2	F	31	37	2	-	-	-	10	10	<150	1	*	38	28	22	-	-	0.0				
	Boscombe Down ... 417	417	1023.5	-2	*	31	37	5	5	*	1021.3	-10	NW	3	F	29	37	1	-	-	-	10	10	<150	3	*	37	27	24	-	-	0.0				
	Calshot (Stmntn.) ... 8	8	1023.2	-2	*	33	32	5	5	*	1021.6	-10	NW	3	F	30	37	1	-	-	-	10	10	<150	3	1	38	25	25	-	-	0.0				
	Lympe ... 346	346	1022.3	-6	*	32	37	4	5	*	1020.4	-14	WSW	3	F	32	37	1	-	-	-	10	10	<150	4	2	37	31	26	-	-	2.3				
	Manston ... 154	154	1021.5	-8	*	33	37	2	5	*	1019.4	-12	W'N	4	F	31	37	1	-	-	-	10	10	<150	5	*	37	31	30	-	Tr	0.0				
2	Shoeburyness ... 11	11	*	*	*	*	*	*	*	*	1012.0	-14	NW	4	F	31	37	1	-	-	-	10	10	<150	1	*	38	31	25	-	Tr	0.0				
	Felixstowe ... 15	15	1020.3	-10	WNW	3	35	5	5	*	1019.2	-14	NW	3	N	33	35	5	-	3	-	0	2-3	-	1	2	41	32	25	Tr	0.3	0.1				
	Gorleston ... 5	5	1020.3	-10	WNW	2	35	5	5	*	1018.6	-12	WNW	3	N	33	32	5	-	4	-	2-3	2-3	2500	3	*	43	32	25	Tr	0.4	0.0				
	Mildenhall ... 19	19	1021.7	-10	W'N	1	31	37	3	*	1019.6	-10	SW	3	N	29	37	4	-	3	-	0	4-6	-	3	*	44	25	21	-	Tr	1.6				
	Cranwell ... 240	240	1022.7	-12	W	2	35	86	4	*	1020.4	-14	W'N	2	3	31	37	4	-	5	-	0	4-6	-	3	*	43	30	25	0.3	Tr	1.4				
3	Birmingham ... 535	535	*	*	*	*	*	*	*	*	1013.3	-8	NW	3	3	36	32	5	5	-	-	3	3	2500	1	*	42	33	27	Tr	-	0.7				
	Upper Heyford ... 408	408	1023.5	-6	NNW	1	33	37	3	-	1021.2	-20	NW	3	3	32	32	6	-	4	-	0	Tr	-	3	*	40	31	23	-	-	0.5				
4	Ross-on-Wye ... 223	223	*	*	*	*	*	*	*	*	1021.8	-14	SE	1	3	25	37	2	5	-	-	Tr	Tr	2500	1	*	41	25	15	-	-	0.5				
5	Hartland Point ... 299	299	1023.8	-2	NE	2	35	85	7	5	-	1022.8	-12	NE	2	3	35	85	7	-	-	0	0	-	0	3	35	37	37	-	-	0.0				
	Bristol ... 209	209	1024.1	-8	-	0	33	32	3	-	1022.8	-10	-	0	3	26	37	3	-	-	-	0	0	-	3	*	39	25	15	-	-	0.0				
	Portland Bill ... 32	32	1022.8	-4	NE	3	35	85	8	-	1021.3	-10	NE	3	3	33	85	7	5	-	-	2-3	2-3	1500	0	3	40	32	*	-	-	0.0				
	Plymouth ... 82	82	1023.2	-2	ENE	3	36	85	6	5	-	1022.7	-10	-	0	3	37	4	-	-	-	0	0	-	3	2	42	31	21	-	-	5.8				
	The Lizard ... 240	240	1023.6	+6	E	5	40	85	8	2	-	1022.8	-4	NE	4	36	32	8	6	-	-	7-8	7-8	2500	0	3	41	31	*	-	-	2.3				
	Scilly (St. Mary's) ... 163	163	1023.9	+6	NE'E	2	37	85	7	8	-	1022.4	-10	NE'E	3	35	85	7	5	-	-	2-3	2-3	2200	0	4	42	35	*	-	-	0.4				
	Guernsey ... 175	175	1023.9	+6	NE'E	2	37	85	7	8	-	1022.4	-10	NE'E	3	35	85	7	5	-	-	2-3	2-3	2200	0	4	42	35	*	-	-	0.4				
6	Pembroke ... 142	142	1024.8	-2	NE'N	3	38	32	7	-	1023.3	-6	N'E	3	3	35	32	7	8	-	-	7-8	7-8	3000	1	2	41	35	*	-	-	0.2				
	Holyhead ... 26	26	1024.3	+14	NNW	4	43	32	6	2	3	1022.0	-14	W'N	4	43	85	8	2	-	-	3	3	2000	1	3	44	36	25	Tr	Tr	5.2				
7	Chester (Sealand) ... 16	16	1023.4	-14	NW	3	32	37	6	5	-	1020.3	-14	NNW	2	36	32	6	5	3	-	4-6	7-8	2500	1	*	41	30	20	-	0.1	0.1				
8	Manchester ... 70	70	1023.6	-12	-	0	28	37	0	-	1021.0	-14	-	0	F	33	85	0	-	-	-	10	10	<150	3	*	41	27	15	-	-	0.0				
10	Spurn Head ... 29	29	1020.4	-10	NW	4	35	32	7	-	1018.1	-10	NNW	4	C	35	37	7	4	5	-	2-3	7-8	1500	1	4	40	35	*	-	-	0.4				
	Catterick ... 175	175	1021.2	-18	NNW	2	35	75	7	-	1018.8	-12	W'N	2	bc	37	85	8	5	3	-	4-6	4-6	3000	1	*	43	34	30	-	-	0.1				
	Tynemouth ... 108	108	1021.6	-14	W	4	36	85	6	5	-	1019.1	-20	NW	4	bc	36	85	6	2	4	-	4-6	4-6	3200	1	3	43	35	32	-	-	*			
11	St. Abbs Head ... 280	280	1019.3	-8	NW	4	41	75	8	4	3	1016.6	-16	NW	4	C	42	75	8	4	4	-	4-6	7-8	2500	0	3	44	40	*	-	-	0.0			
	Leuchars ... 36	36	1020.8	-14	W	2	39	85	8	-	1017.1	-18	NNW	3	bc	40	75	8	5	7	-	1	4-6	4000	1	*	42	36	31	-	-	0.0				
12	Renfrew (Abbots I.) ... 19	19	1023.1	-18	SW'S	1	38	85	8	5	3	1019.2	-18	NNW	1	C	40	85	7	5	-	7-8	3	3500	1	*	42	35	28	-	-	0.0				
	Eskdalemuir ... 794	794	*	*	*	*	*	*	*	*	1018.6	-14	SW'S	2	C	38	85	8	5	-	-	3	3	2500	1	*	41	34	25	-	-	0.0				
	Point of Ayre ... 30	30	1020.5	-22	NNW	4	41	32	8	8	-	1020.5	-22	NNW	4	C	41	32	8	8	-	7-8	7-8	1500	0	4	44	33	*	-	-	0.0				
13A	Tiree ... 22	22	1023.3	-14	NNW	1	41	32	7	8	7	1019.6	-12	NNW	3	bc	45	85	8	8	-	2-3	2-3	2100	0	3	45	43	*	-	0.1	1.1				
13B	Stornoway ... 80	80	1023.3	-14	NNW	1	41	32	7	8	7	1017.8	-26	W	4	pr	41	37	7	8	7	-	7-8	3	1500	1	2	45	35	*	2	3	1.0			
15	Dalwhinnie ... 1176	1176	*	*	*	*	*	*	*	*	1017.0	-14	SW	2	0	37	32	7	5	-	-	10	10	1500	4	*	38	35	31	-	0.4	0.0				
	Aberdeen ... 79	79	1015.4	-16	NW	2	40	85	8	5	3	1015.4	-16																							

[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.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Tuesday, 14th January..... 1941.
No. 28,908...

OBSERVATIONS at 13h. G.M.T. 13th January															OBSERVATIONS at 18h. G.M.T. 13th January															PAST 24 HOURS.				
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			Height of Base (feet)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			Height of Base (feet)	State of Ground. 0-9	Sea. 0-9	WEATHER.						
				Direc.	Force. 0-12					Form.	Amount. 0-10	Form.				Amount. 0-10	Direc.					Force. 0-12	Form.	Amount. 0-10				Form.	Amount. 0-10	7h.-13h. 13th	13h.-18h. 13th	18h.-14h. 14th	1h.-7h. 14th	
																																		Low.
(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)...	1018.2	-18	SW'S	2	f	36	92	3	-	-	0	0	-	1015.3	-10	WSW	2	z	38	85	5	-	-	9	1500	1	*	off bff	bfbccm	cm	cm		
	Croydon ...	1018.6	-22	NW	2	of	35	97	3	-	-	10	10	700	1016.0	-8	WNW	1	m	38	85	4	-	-	9+	2500	1	*	of	offbccm	cm	cm		
	S. Farnborough	1018.9	-24	W/N	3	z	39	85	6	-	-	0	0	-	1016.4	-10	W'S	2	z	37	85	6	-	-	3+	3+	3000	1	*	offbxb	b,cm	cm	cm	
	Boscombe Down	1019.3	-26	NW	2	z	36	97	6	-	8	2-3	-	-	1016.9	-10	W/N	2	z	33	92	5	-	1	0	Tr	-	3	*	offbxb	m	cm	cm	
	Calshot (Soton.)	1019.2	-22	NW	3	z	37	92	5	-	-	0	0	-	1016.7	-10	W	2	z	34	85	5	-	6	0	Tr	-	3	1	*	offbxb	cm	cm	cm
	Lympne	1019.9	-14	NW	3	F	31	97	1	-	-	10	10	150	1016.9	-8	-	0	bf	23	97	2	-	-	0	0	-	4	3	*	offbxb	FF bff	cm	cm
	Manston	1017.4	-18	W/N	4	f	32	92	2	-	-	9+	100	1015.2	-10	SW	1	bf	31	97	2	-	-	-	0	0	-	1	1	*	offbxb	FF bff	cm	cm
2	Shoeburyness	1017.9	-8	WNW	2	f	34	92	3	-	-	10	10	150	1015.8	-8	NNW	1	bf	35	92	3	-	-	0	0	-	1	2	*	offbxb	FF bff	cm	cm
	Felixstowe	1016.7	-18	WNW	3	m	34	92	4	-	3	7-8	9	300	1014.7	-12	W	2	m	34	92	4	-	3	7-8	9+	6000	1	1	*	offbxb	FF bff	cm	cm
	Gorleston	1016.8	-18	W/N	3	bc	35	85	5	-	3	4-6	4-6	800	1014.0	-8	WSW	2	m	35	85	4	-	-	10	10	800	1	1	*	offbxb	FF bff	cm	cm
	Mildenhall	1016.8	-26	WSW	2	bc/f	36	97	4	-	3	9	2-3	700	1014.2	-12	SSW	2	ft	38	92	3	-	-	10	10	1600	1	*	offbxb	FF bff	cm	cm	
	Cranwell	1017.2	-26	W	3	z	37	97	5	-	-	9+	9+	2000	1014.0	-14	WN	2	m	36	97	4	-	-	10	10	2000	1	*	offbxb	FF bff	cm	cm	
3	Birmingham	1017.9	-10	NW	2	c	42	85	5	8	5	7-8	7-8	800	1015.3	-8	W	2	bc	33	85	6	-	3	4-6	4-6	1500	1	*	offbxb	FF bff	cm	cm	
	Upper Heyford	1018.7	-24	WNW	3	c	39	85	7	-	-	9	9	2000	1015.6	-14	WSW	2	z	38	85	6	-	-	3	9	3000	1	*	offbxb	FF bff	cm	cm	
4	Ross-on-Wye	1018.5	-26	WSW	2	bc	41	75	7	5	8	2	2-3	4000	1016.1	-12	SWW	2	bc	37	85	8	-	-	2	0-2-3	-	1	*	offbxb	FF bff	cm	cm	
5	Hartland Point	1020.1	-20	SW	2	c	42	85	8	2	3	9	1	7-8	2500	1017.0	-14	N	2	c	42	85	8	-	4	4-6	7-8	1500	0	2	offbxb	FF bff	cm	cm
	Bristol ...	1019.7	-26	WNW	2	z	41	75	5	-	3	4	0	4-6	-	1016.3	-14	W	1	z	34	92	5	-	6	Tr	4-6	3000	1	*	offbxb	FF bff	cm	cm
	Portland Bill	1019.4	-16	NNW	2	c	41	92	8	1	4	-	4-6	7-8	4000	1016.6	-10	NW	2	bc	41	92	8	-	-	2-3	2-3	4000	0	2	offbxb	FF bff	cm	cm
	Plymouth	1020.8	-18	W	1	z	41	75	5	-	-	0	0	-	1018.1	-10	NW	2	m	38	75	4	-	3	2-3	3	3500	0	1	offbxb	FF bff	cm	cm	
	The Lizard	1021.0	-10	-	0	bc	45	75	8	-	-	4-6	4-6	2500	1018.0	-10	N	2	c	40	85	8	-	2	7-8	10	2500	0	3	offbxb	FF bff	cm	cm	
	Scilly (St. Mary's)	1021.7	-12	NE'E	2	bc	46	75	7	8	4	3	2-3	4-6	2500	1018.5	-16	-	0	c	42	75	8	-	7	7-8	3+	1800	0	3	offbxb	FF bff	cm	cm
	Guernsey	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Pembroke	1020.8	-6	NW	3	c	44	85	8	8	6	-	4-6	7-8	3000	1017.6	-12	NW	3	c	43	85	8	-	7	4-6	7-8	3000	1	2	offbxb	FF bff	cm	cm
7	Holyhead	1018.8	-22	W/N	4	c	45	85	8	5	3	-	9+	9+	2000	1015.1	-18	W	4	bc	42	92	8	-	3	1	2-3	3500	1	4	offbxb	FF bff	cm	cm
	Chester (Sealand)	1018.1	-24	W/N	3	cf	44	85	6	8	3	-	7-8	7-8	2800	1014.5	-22	W	3	bc	41	85	6	-	-	4-6	4-6	3000	1	*	offbxb	FF bff	cm	cm
8	Manchester	1017.6	-24	WSW	1	r	39	97	5	-	-	10	10	800	1014.1	-18	WSW	2	m	37	97	4	-	3	-	1	2-3	2500	1	*	offbxb	FF bff	cm	cm
10	Spurn Head	1014.9	-8	WNW	4	bc	39	85	6	5	3	1	2-3	4-6	1500	1012.3	-10	W'S	3	c	37	92	6	-	3	2-3	7-8	1500	1	3	offbxb	FF bff	cm	cm
	Catterick	1015.1	-26	WNW	3	bc	44	75	8	-	3	-	0	4-6	-	1011.4	-18	SNW	1	bc	39	85	7	-	3	0	4-6	-	1	4	offbxb	FF bff	cm	cm
	Tynemouth	1014.7	-24	WNW	3	bc	42	85	6	2	-	-	2-3	2-3	3200	1011.6	-16	W	3	c	41	85	6	-	-	7-8	7-8	3200	1	3	offbxb	FF bff	cm	cm
11	St. Abbs Head	1012.7	-26	WNW	4	bc	43	85	8	4	4	3	2-3	4-6	2500	1008.4	-14	N	5	bc	42	85	8	-	7	4-6	4-6	2500	0	3	offbxb	FF bff	cm	cm
	Leuchars	1012.4	-32	WSW	4	z	44	75	6	5	7	1	2-3	7-8	4500	1008.2	-24	WSW	3	z	40	85	6	-	7	7-8	8	2800	1	*	offbxb	FF bff	cm	cm
12	Renfrew (Abbots L.)	1014.7	-30	WSW	4	pr	44	75	7	8	-	-	9+	9+	2000	1011.0	-16	W'S	3	c	40	85	7	-	6	4-6	9	2500	1	*	offbxb	FF bff	cm	cm
	Eskdalemuir	1014.5	-18	WSW	2	bc	41	75	7	5	4	-	4-6	4-6	2500	1010.5	-18	W/N	3	c	39	85	7	-	-	3	9	1500	1	*	offbxb	FF bff	cm	cm
	Point of Ayre	1017.2	-18	WNW	4	c	45	85	7	5	4	-	7-8	7-8	1500	1013.3	-20	NNW	5	c	43	92	8	-	-	3	9	1500	0	4	offbxb	FF bff	cm	cm
13a	Tiree	1015.1	-14	NNW	4	bc	45	75	8	8	-	-	4-6	4-6	2100	1011.5	-16	NNW	5	pr	44	75	7	-	8	7-8	7-8	1500	1	5	offbxb	FF bff	cm	cm
13b	Stornoway	1012.1	-20	WNW	6	PHR	43	92	8	8	7	-	4-6	10	1500	1009.9	-20	NNE	6	pr	40	97	6	-	8	7	9+	1500	1	3	offbxb	FF bff	cm	cm
15	Dalwhinnie	1013.4	-30	WSW	3	c	40	75	7	8	-	2	4-6	9	1500	1009.2	-12	WSW	2	c	36	85	7	-	2	4-6	9+	1500	1	*	offbxb	FF bff	cm	cm
	Aberdeen	1010.4	-32	WSW	3	c	44	65	6	5	9	-	2-3	9+	2500	1006.8	-16	WNW	3	c	42	75	6	-	3	4-6	10	2500	1	3	offbxb	FF bff	cm	cm
	Wick	1008.9	-22	WNW	3	c/pr	41	92	8	7	8	-	2-3	9+	1500	1006.8	-2	NE	4	c	41	85	7	-	2	7-8	10	800	1	3	offbxb	FF bff	cm	cm
16	Lerwick...	1007.2	-6	N	4	c/pr	39	85	7	8	7	-	7-8	9+	800	1006.8	0	N	4	c/pr	36	75	7	-	8	4-6	9	1500	1	*	offbxb	FF bff	cm	cm
17	Blacksod Point...	1021.6	-20	NW	1	c	46	92	8	3	5	-	2-3	7-8	2500	1019.1	-10	NW	3	pr	43	92	7	-	-	7-8	7-8	2500	1	2	offbxb	FF bff	cm	cm
18	Malin Head	1017.8	-24	NW/N	3	c/pr	45	85	8	9	6	-	4-6	9+	4000	1014.8	-12	N	4	bc	46	85	8	-	6	4-6	4-6	5700	0	3	offbxb	FF bff	cm	cm
	Aldergrove	1018.5	-26	SW	4	bc	40	85	7	5	4	-	2-3	2-3	1800	1015.2	-14	W'S	2	c	39	92	8	-	7	Tr	9	1200	1	*	offbxb	FF bff	cm	cm
19	Birr Castle	1021.9	-26	SW	1	c	39	92	8	5	1	-	7-8	9+	1500	1018.2	-14	SW	1	bc	38	92	7	-	-	10	10	2500	1	1	offbxb	FF bff	cm	cm
20	Valentia Obsy. †	1024.0	-18	NE	2	r	39	92	8	5	-	-	2-3	9	4000	1020.7	-16	ES	1	bc	41	92	8	-	4	2-3	2-3	2500	1	2	offbxb	FF bff	cm	cm
	Roche Point	1023.1	-18	N	3	c	41	85	7	5	-	-	2-3	7-8	2500	1019.3	-16	NNW	3	bc	40	92	8	-	5	2-3	4-6	2500	1	3	offbxb	FF bff	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.			
<p>b, blue sky (not more than a quarter covered with cloud). bc, sky partly cloudy (one half covered). c, generally cloudy. d, drizzle. e, wet air. g, gloom. f, fog, visibility 220-1100 yds. F, thick fog „ less than 220 yds. 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/k, slight storm of drifting snow (generally high). S/k, heavy storm of drifting snow (generally high). KQ, line squall. l, lightning. o, overcast sky. p, passing showers.</p>		<p>q, squalls. r, rain. s, snow. rs, sleet. t, thunder. u, ugly, threatening sky. v, unusual visibility. w, dew. x, hoar frost. y, dry air. z, dust haze: the turbid atmosphere of dry weather. h(r), "hail" or "rain and hail." Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r_o, slight rain. rr, continuous rain. Δ, less than (for cloud height). Δgale. ⊙ Solar halo. ⊙ Lunar halo. ΔAurora. With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.</p>		<p>0 No low clouds. 1 Fair weather Cu. 2 Large Cu without anvil. 3 Cb. 4 Sc formed by the spreading out of Cu. 5 Layer of St or Sc. 6 Ragged low clouds of bad weather (or fractonimbus). 7 Fair weather Cu and Sc. 8 Large-Cu (or Cb) and Sc. 9 Large-Cu (or Cb) and ragged low clouds of bad weather.</p>		<p>0 No 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.</p>		<p>0 No cirriform cloud. 1 Fine Ci not increasing: sparse. 2 Fine Ci not increasing: abundant but not a continuous layer. 3 Anvil Ci (usually dense). 4 Fine Ci increasing: usually in tufts. 5 Ci or Cs increasing: still below 45° altitude: often in polar bands. 6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands. 7 Veil of Cs covering whole sky. 8 Cs not increasing and not covering whole sky. 9 Cs predominating, and a little cirrus. (Cs may occur with any of the types 1 to 8).</p>	
		<p>COLUMNS 12, 13, 26, 27. Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud. An entry "4-6" means that the cloud amount may be 4, 5 or 6: similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings. ‡ Sea disturbance reported from Dungeness.</p>		<p>Cloud form abbreviations:— Cirrus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Altopcumulus,—Ac: Altostratus,—As: Stratocumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb.</p>		<p>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.</p>			

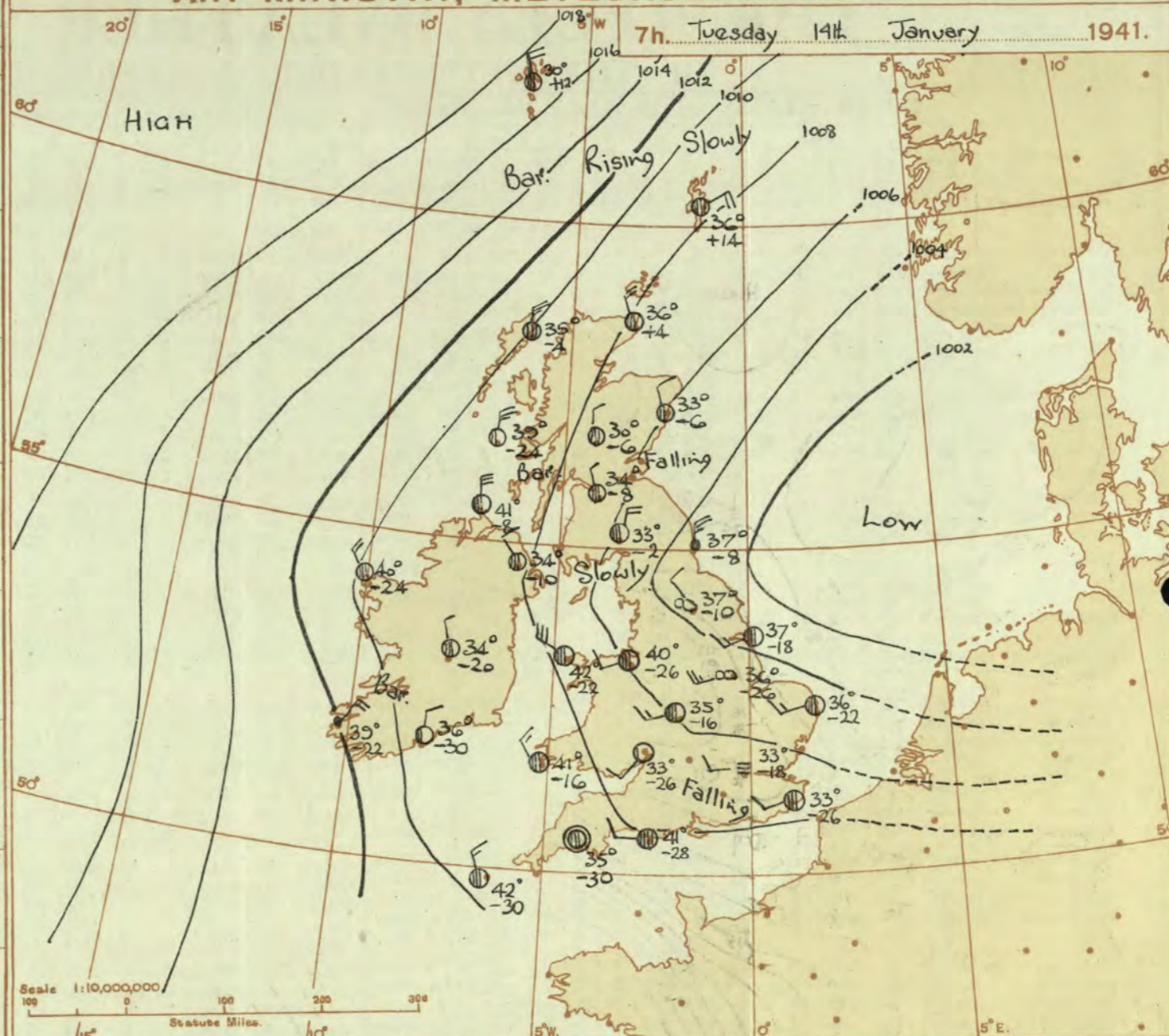
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 13th January				18h. G.M.T.				01h. G.M.T. 14th January				07h. G.M.T.			
IIIC	ww	Vh	DDFWN	C ₁	C ₂	ww	Vh	DDFWN	C ₁	C ₂	ww	Vh	DDFWN	C ₁	C ₂
109	8-	64648	28488	82	81745	02588	82	81754	02485	8-	25854	02485			
115	57	81834	27587	52	64735	04588	87	83834	04487	87	02834	32586			
203	8-	81947	24487	5-	03858	26228	8-	26955	32485						
206	89	02954	28286	5-	61747	28287	8-	25857	32287	8-	85847	28287			
210	57	02885	55387	52	62746	16588	5-	81858	65568	8-	86738	02488			
220	93	25855	29586	83	25654	29585				83	01852	29304			
230	8-	81846	24487	86	00842	28483	8-	81848	32388	87	02855	28486			
245	54	02864	20427	87	02854	22426	51	22955	02468	77	02954	32387			
260	53	05662	22221	5-	05657	22217	5-	61468	26128	5-	05568	32128			
277	83	25845	27386	26	25843	25487	8-	02857	26587	36	01854	02424			
279	53	02755	22325	5-	05656	22326	--	51448	20258	02	64648	32468			
285	5-	02737	28517	5-	61637	28527				2-	23637	32387			
288	07	05690	26224	50	05663	20213	04	02790	20224	54	17463	30124			
273															
301	8-	02757	27327	53	05662	26285	53	02754	26425	8-	81747	60487			
321	03	05590	25214	07	47390	24115	8-	08466	26126	57	05564	26226			
299	50	05543	26313	50	05653	23213	50	05653	23213	5-	05655	23215			
292	50	05683	24213	50	05663	20213	57	02753	24265	54	22753	00063			
310				--	57209	26349				--	46209	20349			
316	5-	08445	26215	5-	08448	22228	53	02653	24466	46	25652	25484			
333	53	61645	02257	57	05643	28264	27	01752	32384	26	01854	29414			
334															
340	80	01764	24214	50	25764	26184	50	02773	22265	83	25754	26386			
136	53	08472	22315	5-	08466	24226	5-	05567	24467	57	05563	24464			
336	10	01753	04413	15	02754	28416				10	01753	32414			
350	00	05590	26348							5-	48208	22225			
368	54	05662	24214												
379	50	05653	26313	5-	05666	26226	03	05690	24215	03	05690	24213			
390	5-	08438	25348	53	45354	26345	53	45356	22348	57	47363	24167			
382	5-	05654	24244	5-	08458	24128	03	41690	23246	5-	08458	24228			
438	50	01661	28211							5-	46109	24349			
430	50	05641	32141	53	05542	28163	01	45390	24148	5-	43257	00047			
409	57	02761	04105	27	02746	00087	26	25744	12185	23	01743	26285			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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. Tuesday 14th January

1 S.E. England	Light to moderate westerly wind veering north, fresh. Mainly fair at first, but a belt of rain spreading southwards, turning to sleet. Local wintry showers later with some bright intervals, mainly in western districts. Rather cold with keen frost locally at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Moderate or fresh north to northeast wind, strong locally. Occasional wintry showers, some bright intervals, mainly in West. Cold, with hard frost locally at night.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light to moderate northwest to north wind. Local wintry showers, some bright intervals. Rather 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	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A trough of low pressure which lies across Northern England and Northern Ireland is moving southwards. The passage of the trough will be accompanied by rather general rain turning to sleet. In districts north of the trough there will be local wintry showers, but some bright intervals, more particularly in western districts. It will be generally rather cold.

FURTHER OUTLOOK.

Northeasterly winds and wintry showers.

Forecasts issued at 1030 G.M.T.

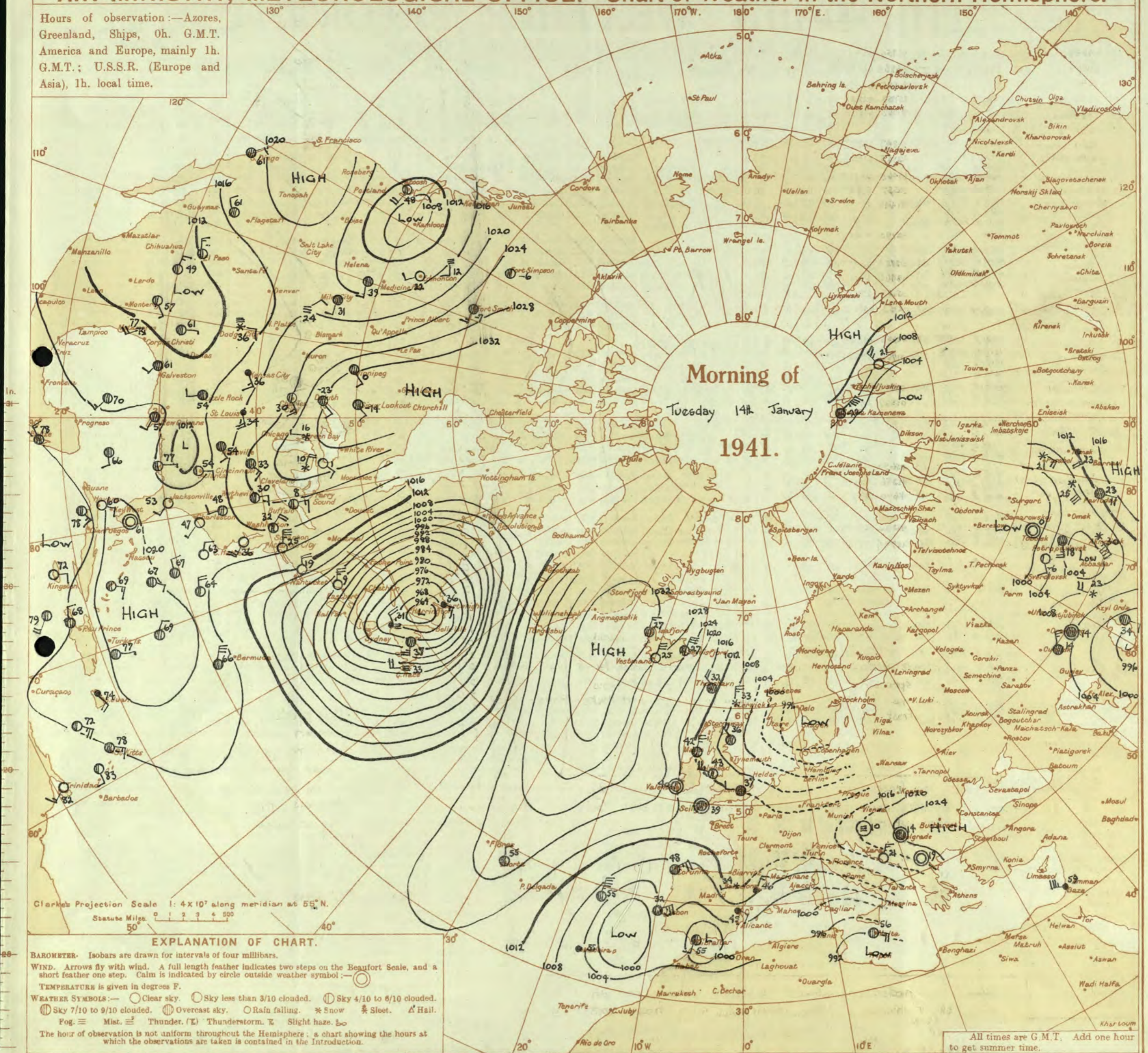
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

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

270/3594. W. 6045. D. 3705. G. 548. 2300 1/41.

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 14th January 1941.
No. 28,208.

OBSERVATIONS at 1 hr. G.M.T. 14th January														OBSERVATIONS at 7 hr. G.M.T. 14th January														PAST 24 HOURS.								
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visiblity. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visiblity. 0-9 (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 13th Hrs. (36)		
					Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)	Force. 0-12 (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (28)	Max. Day 7h-13h °F. (31)	Min. Night 13h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-13h mm. (34)	Night 13h-7h mm. (35)					
1	London (Kew) ... 18	1012.2	-20	W	1	3	37	85	4	5	1	10	10	3000	1007.3	-18	SW	3	33	87	3	5	1	10	10	1500	1	39	34	27	-	-	0.5	-	0.5	
	Croydon ... 217	1012.2	-20	SW	2	2	33	82	6	5	3	7-8	3	5700	1007.0	-26	WSW	2	34	87	4	5	1	10	10	500	1	43	32	26	-	-	4.3	-	4.3	
	S. Farnborough ... 226	1012.5	-22	SW	2	2	30	87	2	5	1	7-8	3	2000	1007.2	-26	W's	2	34	87	6	5	1	10	10	2000	1	41	26	24	0.1	0.5	5.1	-	5.1	
	Boscombe Down ... 417	1013.0	-22	WNW	2	2	23	87	1	5	1	10	10	4150	1007.6	-26	W's	2	33	87	4	5	1	10	10	3000	5	40	28	26	-	Tr	4.6	-	4.6	
	Calshot (Stmntn.) ... 8	1013.1	-22	WNW	2	2	33	82	4	5	1	10	10	6000	1008.5	-26	WSW	2	33	87	5	5	7	4-6	3	3500	4	33	26	23	0.2	-	0.0	-	0.0	
	Lympne ... 346	1013.4	+18	W	2	2	33	82	4	5	1	10	10	3500	1008.5	-26	WSW	2	33	87	5	5	7	4-6	3	3500	4	34	-	-	-	-	-	-		
	Manston ... 154	1011.4	-18	WSW	2	2	34	82	4	5	1	10	10	3500	1008.5	-26	WSW	2	34	82	6	8	-	3	3	2000	1	39	33	31	-	-	0.1	-	0.1	
2	Shoeburyness ... 11	1010.3	-22	WSW	3	3	37	87	4	5	1	10	10	2700	1005.3	-24	WSW	3	36	85	5	5	7	7-8	10	3500	1	36	33	30	-	-	0.1	-	0.1	
	Felixstowe ... 15	1009.6	-24	WSW	3	3	38	85	6	5	1	10	10	1500	1005.6	-22	WSW	3	36	85	5	5	7	7-8	10	3500	1	38	35	33	-	-	0.1	-	0.1	
	Gorleston ... 5	1009.5	-22	WSW	3	3	37	82	6	5	1	7-8	7-8	3500	1004.5	-22	SW's	3	34	82	6	5	3	1	2-3	3500	1	40	33	27	-	-	0.6	-	0.6	
	Mildenhall ... 19	1009.3	-26	W's	4	4	37	87	5	5	1	10	10	2000	1004.3	-26	WSW	5	36	82	6	8	-	3	3	2000	1	39	33	31	-	-	0.1	-	0.1	
	Cranwell ... 240	1009.3	-26	W's	4	4	37	87	5	5	1	10	10	2000	1004.3	-26	WSW	5	36	82	6	8	-	3	3	2000	1	39	33	31	-	-	0.1	-	0.1	
3	Birmingham ... 535	1012.5	-18	WNW	2	2	32	87	6	5	3	0-6	-	1005.4	-16	WSW	3	35	82	5	5	5	6	4-6	7-8	4000	1	44	33	29	-	-	1.1	-	1.1	
	Upper Heyford ... 408	1012.5	-18	WNW	2	2	32	87	6	5	3	0-6	-	1006.7	-23	W	2	33	87	8	5	5	3	2-3	4-6	2500	3	41	31	23	-	-	6.1	-	6.1	
4	Ross-on-Wye ... 223	1013.2	-22	WNW	2	2	41	85	8	8	6	4-6	3	2500	1007.7	-22	W	2	35	87	4	5	3	Tr	2-3	3000	1	44	32	21	-	-	5.5	-	5.5	
5	Hartland Point ... 299	1012.8	-22	W	2	2	36	87	5	5	7	2-3	3	3000	1007.7	-22	W	2	35	87	4	5	3	Tr	2-3	3000	1	44	33	21	-	-	5.5	-	5.5	
	Bristol ... 209	1013.5	-20	W	2	2	41	82	8	5	1	10	10	4000	1007.4	-28	W	2	41	82	8	5	1	10	10	4000	0	43	33	21	-	-	5.7	-	5.7	
	Portland Bill ... 32	1013.5	-20	W	2	2	41	82	8	5	1	10	10	4000	1007.4	-28	W	2	41	82	8	5	1	10	10	4000	0	43	33	21	-	-	5.7	-	5.7	
	Plymouth ... 82	1014.8	-16	W	1	0	41	87	3	7	7	0	10	4000	1008.3	-30	W	1	41	87	3	8	2	7-8	7-8	3500	5	45	34	21	-	-	0.5	-	0.5	
	The Lizard ... 240	1015.0	-12	WNW	2	2	33	87	8	8	2	7-8	3	1500	1009.6	-20	WNW	2	41	87	8	8	2	7-8	7-8	1500	1	46	36	30	-	-	0.5	-	0.5	
	Scilly (St. Mary's) ... 163	1015.2	-20	WNW	2	2	33	87	8	8	2	7-8	3	1500	1009.6	-20	WNW	2	41	87	8	8	2	7-8	7-8	1500	1	46	36	30	-	-	0.5	-	0.5	
	Guernsey ... 175	1015.2	-20	WNW	2	2	33	87	8	8	2	7-8	3	1500	1009.6	-20	WNW	2	41	87	8	8	2	7-8	7-8	1500	1	46	36	30	-	-	0.5	-	0.5	
6	Pembroke ... 142	1013.2	-18	NNW	3	3	41	82	7	8	2	4-6	10	2500	1008.1	-16	NNW	3	41	85	7	2	-	4-6	4-6	3000	1	46	40	33	-	-	0.3	-	0.3	
	Holyhead ... 26	1010.5	-22	W/N	3	3	43	82	8	5	1	2-3	2-3	2500	1006.0	-22	W/N	3	42	75	8	3	-	3	3	2200	1	45	40	33	-	-	0.2	-	0.2	
	Chester (Sealand) ... 16	1009.5	-26	W's	3	3	41	85	6	5	3	Tr	7-8	2000	1004.2	-26	W's	3	40	85	7	3	-	3	3	2000	1	44	38	32	0.3	0.5	1.2	-	1.2	
8	Manchester ... 70	1009.0	-26	W's	3	3	41	85	6	5	3	Tr	7-8	2000	1004.2	-26	W's	3	40	85	7	3	-	3	3	2000	1	44	38	32	0.3	0.5	1.2	-	1.2	
10	Spurn Head ... 29	1006.5	-20	WSW	4	4	38	82	7	4	1	2-3	3	2500	1002.5	-18	WSW	3	37	82	7	5	3	4-6	3	2500	0	39	35	31	-	-	0.2	-	0.2	
	Catterick ... 175	1006.4	-18	W	3	3	37	85	8	5	4	1	7-8	2500	1002.5	-18	W	3	37	85	8	5	4	1	7-8	2500	1	41	35	31	-	-	0.2	-	0.2	
	Tynemouth ... 108	1006.3	-16	NW	3	3	38	85	7	2	3	4-6	7-8	3200	1003.0	-8	N	5	37	87	7	2	-	3	3	1800	1	43	34	31	-	-	0.2	-	0.2	
11	St. Abbs Head ... 280	1004.3	-10	NW	5	5	38	82	6	5	7	4-6	3	2000	1004.1	-2	N	6	38	82	7	5	2	3	3	10	2000	1	40	37	31	-	-	2.4	-	2.4
	Leuchars ... 36	1005.6	-4	NNW	1	1	36	82	7	5	1	10	10	1200	1005.7	-2	NNW	1	35	85	7	5	7	7-8	10	1800	1	44	34	31	-	-	2	-	2	
12	Renfrew (Abbots) ... 19	1006.8	-10	NNW	1	1	38	82	8	7	7	7-8	3	2000	1007.0	-8	NNW	1	34	85	8	8	1	10	10	2500	1	45	32	28	-	-	1.6	-	1.6	
	Eskdalemuir ... 794	1007.9	-28	NNW	6	6	42	85	8	8	4	5	1	1500	1004.7	-2	NNE	4	33	85	6	5	1	10	10	800	7	43	32	30	0.1	1	1.5	-	1.5	
	Point of Ayre ... 30	1007.9	-28	NNW	6	6	42	85	8	8	4	5	1	1500	1005.4	-8	NNE	4	33	85	6	5	1	10	10	800	7	43	32	30	0.1	1	1.5	-	1.5	
13A	Tiree ... 22	1011.2	-10	NNW	3	3	33	87	7	8	7	7-8	3	1500	1010.4	-4	N	5	35	82	7	8	7	7-8	3	2500	1	45	33	31	-	-	0.3	-	0.3	
13B	Stornoway ... 80	1011.2	-10	NNW	3	3	33	87	7	8	7	7-8	3	1500	1010.4	-4	N	5	35	82	7	8	7	7-8	3	2500	1	45	33	31	-	-	0.3	-	0.3	
15	Dalwhinnie ... 1176	1007.3	-6	NNW	2	2	30	85	7	8	2	7-8	3	2500	1007.3	-6	NNW	2	30	85	7	8	2	7-8	3	2500	1	44	33	30	-	-	1.0	-	1.0	
	Aberdeen ... 79	1007.2	+4	NNW	4	4	37	85	8	8	7	4-6	3	1500	1007.1	+4	NNW	4	36	87	8	5	2	7-8												

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

BRITISH SECTION

Wednesday, 15th January 1941.

No. 28303

OBSERVATIONS at 13h. G.M.T. 14th January														OBSERVATIONS at 18h. G.M.T. 14th January														PAST 24 HOURS.																																																																																																																																																																	
Direction.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Barom. at M.S.L. mb. (29)	Change in 3 hours. (30)	WEATHER.																																																																																																																																																															
				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 0-12 (18)	Low. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	State of Ground. 0-9 (31)	Sea. 0-9 (32)	7h.—13h. 14th. (37)	13h.—18h. 14th. (38)	18h. 14th. to 1h. 15th. (39)	1h.—7h. 15th. (40)																																																																																																																																																								
																																		7h.—13h. 14th. (37)	13h.—18h. 14th. (38)	18h. 14th. to 1h. 15th. (39)	1h.—7h. 15th. (40)																																																																																																																																																								
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lympe Manston	1002.7 1003.3 1003.0 1002.8 1003.4 1003.0 1002.6	-20 -22 -26 -30 -26 -30 -26	SW W WSW WS WNW SW WSW	3 1 2 2 1 1 3	z. ft z. z. z. rf ir	37 34 35 40 35 36 35	85 97 92 85 97 97 92	5 5 5 6 5 3 5	5 - - - 5 - 2 5	- - - - - - -	10 10 9 2-3 10 10 9	10 1150 700 3000 500 500 2600	1000.6 1001.0 1000.3 1000.6 1001.1 1002.3 1000.8	-6 -10 -6 -10 -14 -4 -6	SSW SW ESE WNW - - W	2 1 1 1 0 0 2	m of+ of+ z. - r m	37 32 33 34 35 33 33	92 97 97 92 97 97 97	4 3 3 6 5 5 4	5 - - - - - -	- - - 1 - - -	9+ 10 10 4-6 10 10 10	9+ 2000 600 3000 1000 1500 1500	2500 2000 600 3000 1000 1500 1500	1 1 1 1 1 4 1	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	crasrmfm cmor, of adofcm f cmo, pfmo or, f cid, rom	cbcmoc ofbc, mcm mo lombem cmo cmo, off id, rom	cm cmof, f cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm

Abridged observations of additional stations in the

14th January AVIATION WEATHER CODE 15th January

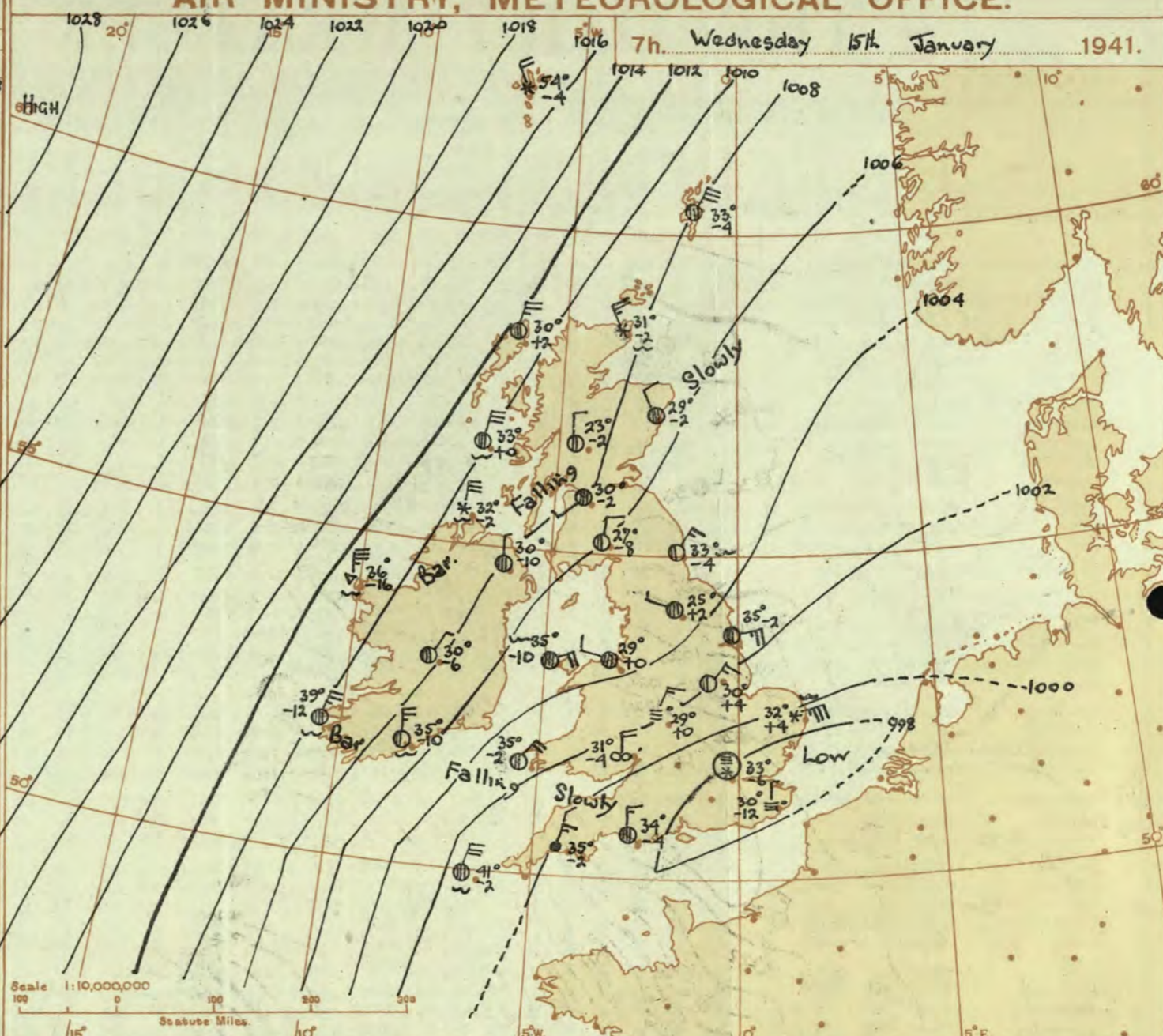
13h. G.M.T. 18h. G.M.T. 01h. G.M.T. 07h. G.M.T.

III	C ₁	ww	Vh _N	DDFWN	C ₁	ww	Vh _N	DDFWN	C ₁	ww	Vh _N	DDFWN	C ₁	ww	Vh _N	DDFWN
109	3	10546	64487	9	78538	02478			9	03538	37588					
115	87	88834	32427	52	83835	04588	87	14844	65586	87	03844	65587				
203				8	74518	32678	8	83638	32678							
206	87	02954	32286	44	01863	28224	81	83647	65388	8	01854	65284				
210	8	02854	04385	80	00853	32413	9	72648	34688	36	01853	32584				
220	33	27844	05484	83	27653	05484			9	01754	31504					
230	87	02955	32417	87	01851	32313	26	01953	32314	3	01964	32414				
245	76	01953	01584	47	00861	31323	3	26855	32388	9	26747	63487				
260	57	02754	02227	80	01754	02114	76	02763	00027	57	26755	30287				
277	9	71648	32388	57	05644	01477	03	05650	31426	23	07754	30227				
279	5	72648	32378	57	00861	01213										
285	6	73539	06478	9	02636	04426			23	02744	32316					
288	6	85648	04387	8	05547	04387	20	01763	06384	5	05657	22117				
273									43	76454	29178					
301	02	68648	32488	52	22445	32378	5	05665	02315	50	05863	01227				
321	83	05663	30825	6	74528	36478	50	05663	02313	07	05680	32313				
299	8	62748	02568	8	02745	04585	50	01753	08613	57	01754	08415				
292	8	24738	28468	5	61734	01274	04	01730	04384	54	02851	02217				
310	-	48103	20383	-	83428	32488			-	01633	32413					
316	5	67348	26168	5	62428	32368	5	03667	06377	54	01653	02313				
333	26	02853	30385	2	81646	01586	00	01730	32354	07	01730	32214				
334																
340	8	81648	30488	62	72426	30478	5	05548	32478	00	00730	32403				
130	53	05547	23367	5	67339	24168	51	72643	05478	47	26851	06487				
336	14	01753	28415	21	03754	32418			14	01753	02314					
350	83	05663	03343						02	74428	04578					
368	86	05563	28244													
379				6	51418	28328	-	77103	32379	6	72528	32378				
390	5	42327	20247	-	48203	22143	-	48003	22148	-	68003	04163				
382	54	05552	24213	5	05667	28227	5	43368	32248	5	68518	01478				
438	-	42303	28143	5	08428	00028	-	46103	00043	5	45248	00048				
430	86	25746	16188	3	22743	02183	8	25747	01487							

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 15th January 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 15th January

1 S.E. England	Light or moderate north wind becoming northeast, fresh, strong locally.
2 E. England ...	A rather prolonged period of snow, becoming mainly fair towards end of period. Temperature near freezing point.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh northeast wind, strong locally. Occasional snow showers, some bright intervals.
6 South Wales ...	Cold with hard frost locally at night.
7 North Wales ...	
8 N.W. England	Fresh northeast wind, strong locally. Cloudy with occasional rain turning to snow. Some bright intervals later in period. Cold with hard frost locally at night.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Fresh northeast wind, strong locally. Occasional snow showers, heavy locally especially near East coasts and in mountainous country; some bright intervals. Cold with hard frost locally at night.
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	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A trough of low pressure over Southern England is moving very slowly southwards. This will cause a rather prolonged period of snowfall in Southeast England. Elsewhere there will be occasional snow showers, heavy locally near East coasts and in mountainous country, but with some bright intervals. It will be cold generally with squally northeast winds and with temperature near the freezing point by day and hard frost locally at night.

FURTHER OUTLOOK.

Cold with frost day and night in most places. Northeasterly winds and occasional snow showers.

Forecasts issued at 1030 G.M.T.

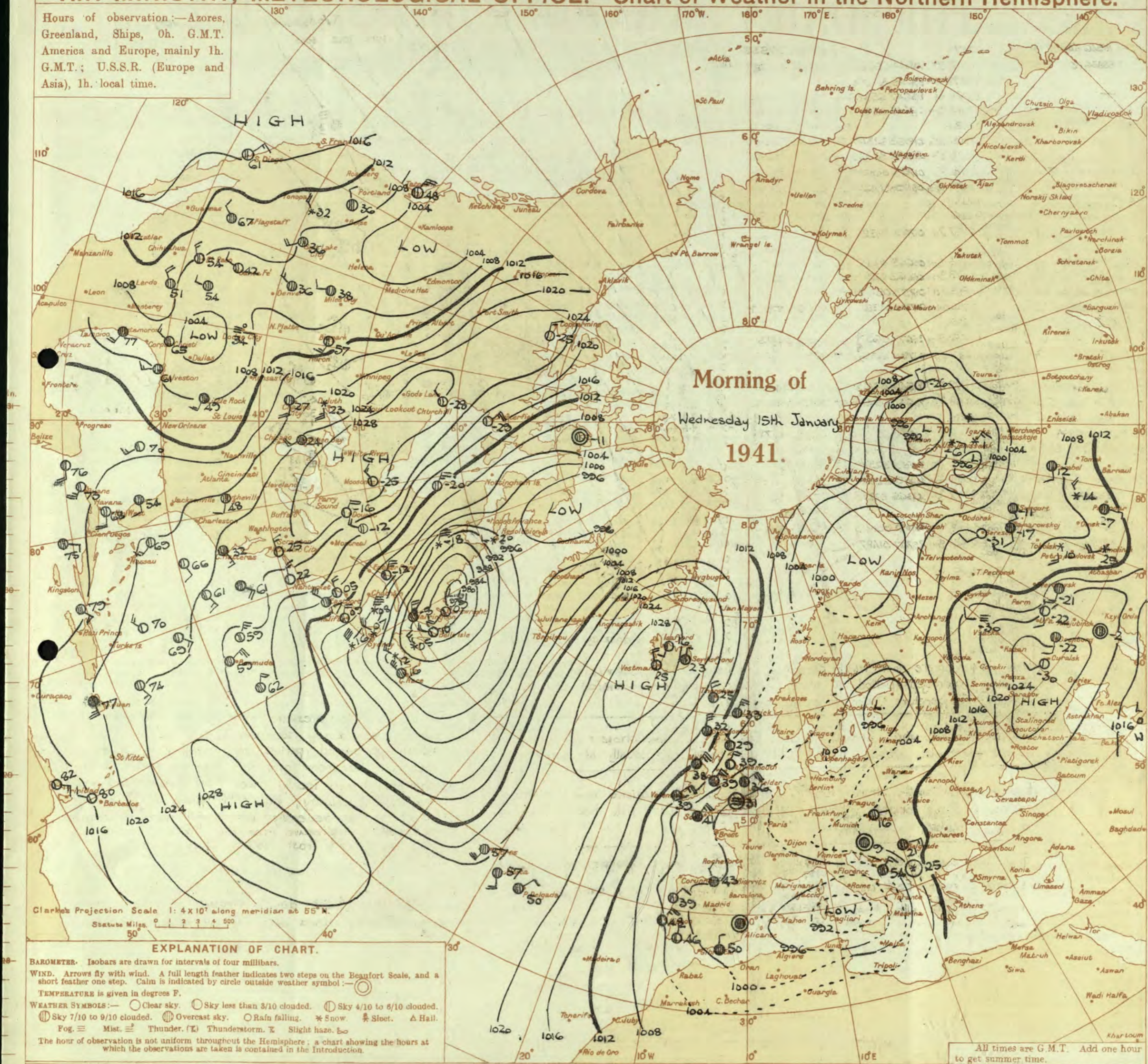
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

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

270/3559, 98, 44+5, 2, 3702, 60, 548, 2300 1/4

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. 15th January														OBSERVATIONS at 7 hr. G.M.T. 15th January														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.				Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 14th Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday, 16th January, 1941.
No. 28,910.

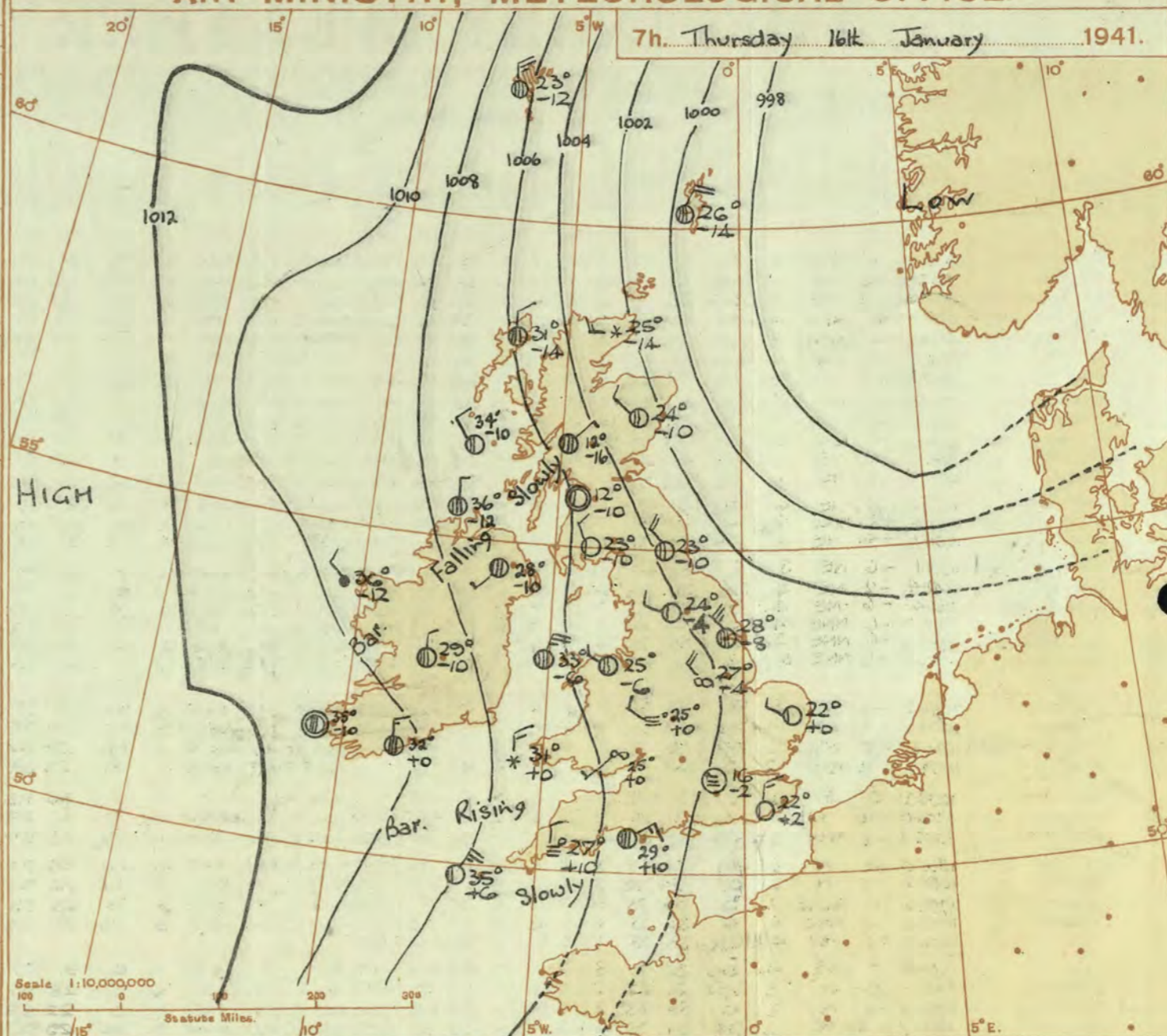
OBSERVATIONS at 13h. G.M.T. 15th January														OBSERVATIONS at 18h. G.M.T. 15th January														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.					
				Dirac. (3)	Force. (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. 15th. (37)	13h.-18h. 15th. (38)	18h.-15th 16th. (39)	1h.-7h. 16th. (40)		
1	London (Kew)...	998.6	0	NE	4	SS	32	92	3	-	2	-	10	10	1500	1001.3	+18	NE	4	2	31	65	5	-	-	10	10	1500	7	*	or.s.m.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Croydon ...	998.0	+2	NE	4	S.S.	31	97	4	-	2	-	10	10	400	1000.7	+20	NE	4	2	29	85	4	-	-	9	10	800	8	*	OFF.c.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	S. Farnborough	998.3	-2	NE	4	S.S.	32	97	5	-	2	-	10	10	800	1001.2	+16	NE	4	2	30	75	5	-	-	10	10	3500	7	*	of.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Boscombe Down	998.4	0	NE	4	SS	31	92	5	-	7	-	3	10	2500	1000.7	+24	NNE	5	2	29	75	6	-	-	9	9	2000	3	*	of.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Calshot (Soton.)	997.5	-6	NE	3	S.S.	34	92	5	-	1	-	10	10	500	999.3	+18	NE	4	2	31	85	6	-	-	10	10	1000	4	3	cs.s.m.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Lymington	998.0	-6	NE	2	S.S.	32	97	4	-	2	-	10	10	100	1000.3	+16	NE	4	2	31	85	4	-	-	4	4	500	8	3	FF.s.s	cs.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Manston	997.6	-2	E	4	is.	32	92	5	-	-	-	10	10	300	1000.1	+18	NE	4	2	31	55	5	-	-	0	10	-	8	*	OFF.	is.s.s.s.f	os.s.m.s.f	os.s.m.s.f	
2	Shoeburyness ...	999.0	0	NE	4	SS	32	97	5	-	-	-	10	10	450	1001.3	+12	NE	3	2	29	82	6	-	-	2	3	2500	7	*	fe.s.m.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Felixstowe ...	999.5	+6	EN	7	is.	32	92	6	-	2	-	9	10	2000	1001.6	+14	EN	5	bc	32	65	7	-	-	0	7	-	1	5	cs.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Gorleston ...	1001.5	-2	ENE	5	c	33	92	6	-	-	-	9	9	1500	1003.3	+8	ENE	5	bc	32	92	7	-	-	0	2	-	4	4	cs.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Mildenhall ...	1001.2	+2	NE	4	c	31	85	8	-	7	-	2	3	3000	1002.9	+8	NE	3	b	27	97	7	-	-	4	2	-	8	*	os.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Cranwell ...	1003.5	-6	NE	3	bc	33	92	7	-	-	-	4	6	2500	1004.7	+6	NE	2	2	30	92	6	-	-	2	3	3500	8	*	bc	bc	bc	bc	
3	Birmingham	1003.0	0	NE	4	bc	33	75	5	-	5	-	4	6	1500	1004.5	+6	NNE	2	3	31	75	4	-	-	0	1	-	7	*	bc	bc	bc	bc	
	Upper Heyford	1001.4	+8	NNE	4	c	31	75	7	-	7	-	4	6	1000	1002.8	+12	NE	4	2	28	75	6	-	-	0	4	-	8	*	cs.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
4	Ross-on-Wye ...	1001.7	-4	NE	4	zo	34	75	6	-	3	-	7	8	2500	1003.8	+8	NE	2	2	31	75	4	-	-	0	2	-	3	*	cbcc	cbcc	cbcc	cbcc	
5	Hartland Point	1000.1	-6	NE	5	c	35	65	8	-	-	-	9	9	2000	1002.8	+16	NNE	5	c	35	97	8	-	-	4	7	-	1	4	c	cbcc	cbcc	cbcc	
	Bristol ...	1000.4	-2	NE	4	is.	31	85	6	-	7	-	7	8	800	1002.9	+16	NE	4	2	31	75	6	-	-	2	3	-	7	*	cm.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Portland Bill ...	997.4	-6	NE	4	o	34	92	7	-	-	-	10	10	2500	1003.2	+12	NE	4	2	31	92	7	-	-	10	10	1500	7	3	cm.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Plymouth ...	999.7	-6	NNE	4	c	35	65	7	-	8	-	2	3	3000	1001.3	+16	NE	6	c	32	92	6	-	-	9	9	-	1	4	cm.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	The Lizard	1000.3	-6	NNE	5	bc	37	75	8	-	6	-	4	6	2400	1000.7	+4	NNE	6	c	33	75	7	-	-	7	7	-	0	4	cbcc	cbcc	cbcc	cbcc	
	Scilly (St. Mary's)	1000.4	-8	NNE	5	c	36	92	8	-	4	-	4	6	1300	1001.7	+12	NNE	6	c	36	75	8	-	-	9	9	-	0	4	cp.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Guernsey	1000.4	-8	NNE	5	c	36	92	8	-	4	-	4	6	1300	1001.7	+12	NNE	6	c	36	75	8	-	-	9	9	-	0	4	cp.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
6	Pembroke ...	1003.2	-2	NE	5	bc	35	85	8	-	7	-	3	2	4000	1004.9	+12	NNE	4	bc	33	97	7	-	-	1	2	-	3	2	bc	bc	bc	bc	
7	Holyhead ...	1005.1	-2	EN	4	bc	38	65	8	-	3	-	2	3	2500	1006.0	+6	NNE	3	bc	37	75	7	-	-	4	4	-	1	4	cbcc	cbcc	cbcc	cbcc	
	Chester (Sealand)	1004.8	-6	NW	2	c	33	75	5	-	-	-	7	0	10	1005.5	+6	NW	4	bc	29	92	3	-	-	0	0	-	3	*	cm.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
8	Manchester ...	1004.3	-2	NNE	2	zo	35	65	6	-	3	-	2	0	9	1005.3	+2	NNW	1	m	29	85	4	-	-	4	4	-	3	*	bc.z.c.z	bc.z.c.z	bc.z.c.z	bc.z.c.z	
10	Spurn Head ...	1004.3	0	E	3	c	36	85	7	-	5	-	4	0	7	1004.5	0	-	0	36	85	7	-	-	0	2	-	1	3	c	bc	bc	bc	bc	
	Catterick ...	1005.0	-10	N	1	c	31	75	7	-	6	-	2	3	4000	1004.8	+2	NNW	2	b	31	85	7	-	-	1	1	-	7	*	cm.s.s.s.f	os.s.m.s.f	os.s.m.s.f	os.s.m.s.f	
	Tynemouth ...	1005.4	-8	NNW	3	ps	33	85	6	-	8	-	2	3	2000	1005.2	+6	NNW	4	is.	33	97	6	-	-	10	10	-	7	3	bc.cps	bc.cps	bc.cps	bc.cps	
11	St. Abbs Head	1005.0	+2	N	6	cq	35	85	8	-	4	-	7	8	2000	1005.5	+2	NNE	6	cq	33	97	8	-	-	7	8	-	4	5	is.cq	is.cq	is.cq	is.cq	
	Leuchars ...	1006.8	-2	N	2	bc	34	92	8	-	5	-	2	3	3500	1007.0	0	NNW	3	bc	32	92	7	-	-	2	3	-	4	*	cbcc	cbcc	cbcc	cbcc	
12	Renfrew (Abbots L.)	1008.6	0	NW	2	b	32	75	9	-	3	-	1	Tr	Tr	3500	1009.0	+4	NNE	3	b	28	75	9	-	-	Tr	Tr	-	8	*	pr	pr	pr	pr
	Eskdalemuir ...	1005.8	-6	NNE	4	c	30	75	6	-	5	-	2	3	2500	1007.2	+6	NNE	3	bc	27	75	8	-	-	1	1	-	7	*	bc.cbc	bc.cbc	bc.cbc	bc.cbc	
	Point of Ayre ...	1006.5	+2	NE	4	bc	33	75	8	-	-	-	4	6	2500	1007.2	+6	NNE	3	bc	27	75	8	-	-	1	1	-	7	*	cvc	cvc	cvc	cvc	
13A	Tiree ...	1010.4	0	N'E	4	bc	35	75	8	-	-	-	4	6	2100	1010.1	0	N'E	5	c	31	97	8	-	-	7	8	-	4	5	bc	bc	bc	bc	
13B	Stornoway ...	1012.5	0	N	3	ps	31	85	8	-	7	-	7	8	1300	1011.4	-8	N	6	c	28	85	7	-	-	7	8								

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 15 January.....18h. G.M.T.							01h. G.M.T. 16 January.....07h. G.M.T.						
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	
105	26845	34585	3-	84338	30488	3-	08437	63587	3-	10744	23484		
1187	83844	65587	87	83734	65587	87	83854	32485					
203				8-	83627	32677	3-	83835	28575				
208	8626855	32276	86	26853	32284	74	01854	60284					
218	26855	33586	26	83844	32485	8-	83747	28287	8-	10847	22487		
220				30	27643	05283				9-	72438	05178	
2386	01954	32514	80	00851	04211	80	01955	32313	76	01963	30319		
2480	00942	32583	86	01843	32483	26	00861	28302	30	00862	28412		
253	01853	30213	8-	05636	30116	40	00761	16101	00	05690	00000		
224	01741	32475					20	00351	00001	26	00351	32301	
2784	01864	02485	50	05662	30212				00	05690	00000		
2823	73536	30327	23	26634	32585				50	00852	32302		
2887	05653	23116	8-	88547	32187	26	26654	30285	5-	05663	24213		
2724	26652	32183											
300	05690	04243	5-	08466	02126	30	05663	01113	50	17452	31312		
3250	17661	35313	03	17530	32112	07	05690	30225	00	08490	28200		
2957	01753	06214	57	05654	24214	57	05644	22214	50	05554	30614		
280	17652	26315	8-	83548	28388	80	00752	28312	00	00830	28310		
314	04534	04314	--	0534	32414								
316				00	47390	32241	5-	02548	32378	50	08461	28211	
336	01961	04324	40	05652	02302	20	00752	32182	30	26753	32383		
334													
340	05690	02403	00	08490	32200	50	05673	01343	04	05690	00001		
136				04	01850	05313	04	01750	00011	5-	41538	26248	
340	01753	04414	51	05543	02316				10	01752	04312		
352	23647	03577	07	01750	03425				5-	05548	30128		
368													
379				57	05653	04414	00	05690	04300	5-	05547	32327	
385	74428	06478	50	05654	04574	00	05590	32113	5-	08447	24117		
402	71648	30578	07	00790	02313	03	05690	26102	5-	45357	27147		
45-	46129	02349							50	01753	04403		
402	08438	02248	02	77228	04478	07	05690	02314	04	05690	04213		
402	83756	03437	82	04688	02434	00	05690	03300	3-	72537	01277		

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

1 S.E. England	Light or moderate N.W. wind. Considerable bright periods. Local snow showers.
2 E. England ...	chiefly near east coast. Day temperatures below freezing point. Severe
3 E. Midlands ...	right frost.
4 W. Midlands ...	
5 S.W. England	Light or moderate N.W. wind. Bright intervals. Snow showers, heavy locally. Perhaps more
6 South Wales ...	general snow later. Day temperatures mainly below freezing point. Hard frost at night.
7 North Wales ...	Light or moderate N.W. wind. Bright intervals. Snow showers heavy locally. Day temperatures
8 N.W. England	below freezing point. Severe night frost.
9 N. Midlands ...	Light or moderate N. to N.W. wind, fresh locally on coasts. Bright periods. Local
10 N.E. England	snow showers. Day temperatures below freezing point. Severe night frost.
11 S.E. Scotland	
12 S.W. Scotland	
& Isle of Man.	
13 { A. W. Scotld.	
{ B. N. W. Scot-	Moderate to fresh N.W. to N. wind. Strong locally on coasts. Bright intervals.
land.	
14 Mid Scotland	Snow showers heavy at times. Local thunder. Frost day and night.
15 N. E. Scotland	
16 Orkneys and	
Shetlands	
17 N. W. Ireland	Light N.W. wind becoming moderate later. Some snow. Very cold. Frost at night.
18 N. E. Ireland	As 6-7
19 S. E. Ireland	As 17.
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 to westwards of Ireland. A depression over South Norway is moving slowly south and another off South Iceland will probably move SSE. There will be bright periods in all districts particularly in the south and midlands. Snow showers, heavy in places, will be chiefly confined to northern and western districts and near the east coast. There is a possibility of more general snow in Ireland and the extreme S.W. later. Day temperatures will be mainly below the freezing point and there will be severe night frost in many districts.

FURTHER OUTLOOK.

Wintry weather continuing. Snow locally.

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

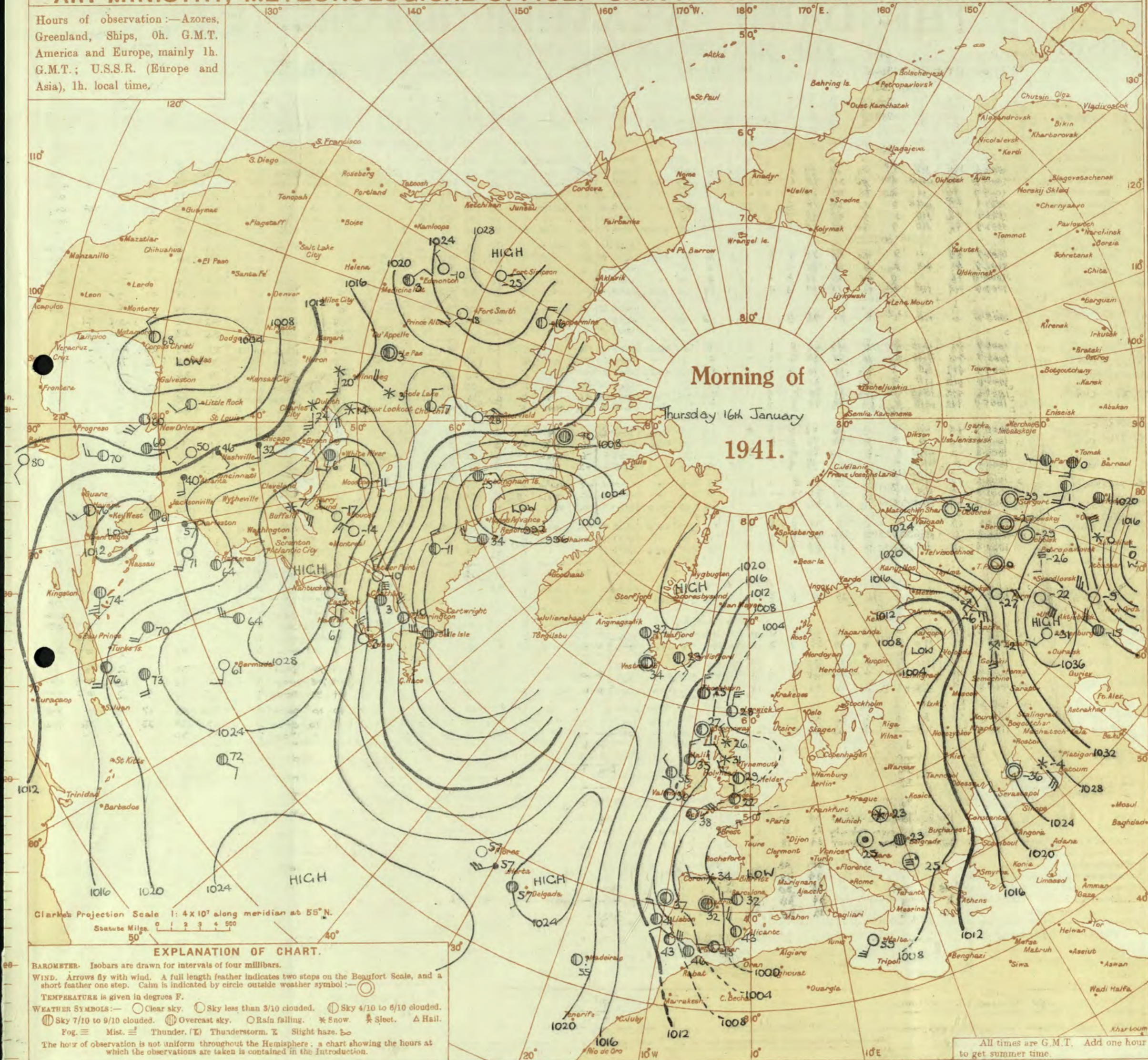
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

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

270/3394. No. 5045. 2.3706. 4p. 548. 5300 1/4.

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

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



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 16th January 1941.
No. 28910

OBSERVATIONS at 1 hr. G.M.T. 16th January															OBSERVATIONS at 7 hr. G.M.T. 16th January															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 15th Hrs.				
					Direc.	Force.					Form.	Amount.	Height (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Low.	Med.			High.	Low.	Med.	High.	Max. Day 7h-15h °F.	Min. Night 15h-7h °F.		Min. on Grass °F.	Day 7h-15h mm.	Night 15h-7h mm.	
																																							Low.
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1004.3	+4	WSW	2	m	24	92	4	5	-	-	10	10	1500	8	*	34	20	2	2	Tr	0.0				
	Croydon	217	1003.6	+10	N/E	2	22	97	5	-	-	2	0	4.6	-	1003.5	-2	-	0	0	16	97	3	5	-	-	10	10	1500	8	*	33	15	11	3	-	0.0		
	S. Farnborough	226	1004.3	+12	NNW	2	23	85	6	-	3	1	0	2.3	-	1005.1	+2	W	2	20	19	97	6	5	-	-	10	10	1000	8	*	34	15	7	2	Tr	0.0		
	Boscombe Down	417	1004.3	+10	N	3	21	85	7	-	-	8	0	4.6	-	1005.0	+2	NW/N	3	25	97	4	5	-	-	9	9	1200	8	*	32	18	17	0.4	-	0.0			
	Calshot (Stmntn.)	8	1003.1	+8	NNE	3	28	75	6	-	3	0	7.8	-	1004.4	+2	NW/N	3	24	92	5	-	-	3	1	0	0	Tr	-	3	35	23	22	Tr	0.0				
	Lympne	346	1002.1	+6	NE	2	25	85	7	-	-	0	0	-	-	1003.0	+2	N	3	22	97	8	-	-	-	-	0	0	Tr	-	8	32	21	15	2	-	0.0		
	Manston	154	1002.1	+6	NE	4	28	75	7	5	-	-	2.3	2.3	2000	1002.7	+6	NW	3	28	75	7	5	-	-	Tr	Tr	1200	8	*	33	28	21	2	-	0.0			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1003.7	0	NW/N	2	b	16	97	6	5	-	-	1	1	2500	8	*	34	15	11	4	-	0.0				
	Felixstowe	15	1002.9	+4	N	3	25	85	6	5	-	1	Tr	Tr	2000	1002.9	+2	NW/N	3	20	92	5	-	-	0	0	Tr	-	3	2	36	21	17	0.6	-	0.0			
	Gorleston	5	1002.9	+2	NE	2	32	85	6	-	-	0	0	-	-	1003.3	0	NW/N	1	22	85	7	-	-	0	1	-	-	3	1	34	21	17	0.6	-	0.0			
	Mildenhall	19	1004.0	+2	-	0	15	92	6	-	-	0	0	-	-	1003.1	-4	WSW	2	23	92	5	5	-	-	10	10	1500	8	*	37	14	13	Tr	-	0.0			
	Cranwell	240	1003.9	-14	NE	2	25	97	4	5	-	-	10	10	1500	1004.4	-4	NW	4	27	85	5	-	-	0	0	-	-	8	*	33	25	21						

LONDON OBSERVATIONS.											EXPLANATION OF FIGURES, LETTERS, etc.																																
Day 7h-18h, Kew & Croydon. 9h-18h, Kensington. 9h-21h, other stations except for rainfall which is 9h-18h.											COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.											COLUMNS 3, 22—Code for surface visibility. Objects not visible at 0 Dense fog 55 yards. 1 Thick fog 220 " 2 Fog 550 " 3 Moderate fog 1,100 " 4 Mist or haze 1½ miles. 5 Poor visibility 2½ " 6 Moderate " 6½ " 7 Good " 12½ " 8 Very good " 31 " 9 Excellent " beyond 31m.																					
Height above Sea Level.											Weather.			Temperature.			Rainfall.		Sun- shine, to Sunset.		Humidity.		Atmospheric Pollution.		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.																		
											Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.	15h. G.M.T. %	9h. G.M.T. %	Visibility 9h.	24 hrs. ended 7h. G.M.T.... 16h.		SOUTH KENSINGTON.				KEW OBSERVATORY.															
											24 hrs. ended 9h.			°F.	°F.		mm.	mm.	Yesterday.		To-day.		Max.	Time.	Min.	Time.	Max.	Time.	Min.	Time.													
Kew... ..											18	0.5	m	3.5	m	0.5	m	3.5	m	34	20	17	2	Tr	0.0	.	.	4															
Croydon											217	0.5	m	3.5	m	0.5	m	3.5	m	33	15	11	3	-	0.0	.	.	4	Max.		Time.	Min.	Time.										
Greenwich (Royal Observatory)...											149	0.5	m	3.5	m	0.5	m	3.5	m	34	18	13	3	-	0.0	88	95	3															
City (Bunhill Row)											27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Westminster (St. James' Park) ...											21	.	.	.	.	.	.	.	.	35	22		.	.	98	100	.													
Regents Pk. (Botanic Gardens)...											168	.	.	.	.	.	.	.	.	34	19	18	3	-	.	.	94	.	Max.		Time.	Min.	Time.							
Camden Square											110	0.5	b	e	s	.	.	.	.	35	20		2	.	.	.	89	.	0.6		6h on	0.1	0.1h on	16h						
Kensington											80	c	c	s	.	.	.	.	.	34	20	8	.	2	.	.	93	.												
Hamstead Observatory											450	0.5	0.5	.	0.5	.	.	.	.	32	20	18	.	-	.	.	93	.												
FOREIGN OBSERVATIONS.											18h. G.M.T.....											7h. G.M.T.....											Past 24 Hours.										
STATIONS.											Barom.		Wind.		Weather.		Temp.		Barom.		Wind.		Weather.		Temp.		Max.		Min.		Rainfall.												
											mb.	Dir.	Force.		°F.	mb.	Dir.	Force.		°F.	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night							
Paris																																											
Brussels																																											
Berlin																																											
Zürich																																											
Rome																																											

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

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

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

SECRET

Page 1.

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 17th January 1941.

No. 28911.

OBSERVATIONS at 13h. G.M.T. 16th January														OBSERVATIONS at 18h. G.M.T. 16th January														PAST 24 HOURS.			
DISPERCT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-12 (22)	Cloud.				State of Ground. 0-9 (28)	Sea. 0-9 (29)	WEATHER.			
				Direc.	Force. 0-12 (4)					Form.	Amount. Low Total 0-10 0-10 (12) (13)	Height of Base. (feet) (14)	Direc.			Force. 0-12 (18)	Form.					Amount. Low Total 0-10 0-10 (24) (25)	Height of Base. (feet) (26)	7h.—13h. 16th (37)	13h.—18h. 16th (38)			18h.—19h. 17th (39)	1h.—7h. 17th (40)		
1	London (Kew)...	1004.1	-6	NW	3	N	31	65	5	-	-	-	1004.1	+2	W	2	N	28	85	5	-	-	-	-	-	8	*	cbcm b2	bbcz b2	bbscmx	csocmx
	Croydon ...	1004.1	-8	NNW	3	N	30	85	4	5	-	-	1004.3	+2	-	0	N	25	97	3	-	-	-	-	-	8	*	scm	bbscm	bbscm	scbcm
	S. Farnborough	1004.7	-8	WN	3	N	32	75	6	5	-	-	1004.8	+2	W	2	N	25	85	6	-	-	-	-	-	8	*	cm, omb	bz	bbscm	scbcm
	Boscombe Down	1005.2	-10	NW	3	N	30	75	6	4	-	-	1006.0	+4	NW	2	N	27	85	4	-	-	-	-	-	4	*	bm, bm	bz, cz	bbscm	cmobma
	Calshot (Soton.)	1005.3	0	NNW	3	N	33	75	6	5	-	-	1004.9	-2	-	0	N	23	85	4	-	-	-	-	-	3	1	bbscm	bbscm	bbscm	bbscm
	Lympne ...	1004.0	-10	NNW	3	N	28	85	6	5	-	-	1004.4	+6	WNW	1	N	23	97	4	-	-	-	-	-	8	*	bm, ofm	bbscm	bbscm	bbscm
	Manston ...	1002.9	-12	NNW	3	N	29	85	6	5	-	-	1002.9	+2	NW	3	N	29	75	6	-	-	-	-	-	8	*	bz, ofm, c, bc, bm	bbscm	bbscm	bbscm
2	Shoeburyness ...	1004.0	-6	NNW	1	N	29	92	5	5	-	-	1003.8	+2	NW	1	N	24	92	6	-	-	-	-	-	8	*	bm, ofm	bm	bm	bm
	Felixstowe ...	1002.4	-10	WNW	5	N	32	85	6	2	4	-	-	1002.4	+2	NNW	3	N	29	75	4	-	-	-	-	7	2	bm, ofm	bm	bm	bm
	Gorleston ...	1002.1	-10	WNW	4	N	31	85	6	3	-	-	1002.2	+2	WN	3	N	28	85	4	-	-	-	-	-	8	*	cbcm	cbcm	cbcm	cbcm
	Mildenhall ...	1002.9	-8	NW	2	N	30	85	6	5	7	-	-	1002.7	+2	NNW	2	N	24	85	4	-	-	-	-	8	*	cbm	cbm	cbm	cbm
	Cranwell ...	1004.0	-6	NW	3	N	32	65	5	-	-	-	-	1003.6	+2	NW	4	N	25	75	5	-	-	-	-	8	*	bm	bm	bm	bm
3	Birmingham	1004.5	-6	WNW	2	N	30	75	5	1	-	-	1004.4	0	WNW	2	bc	28	75	5	-	-	-	-	-	8	*	bm, ofm	bm	bm	bm
	Upper Heyford	1004.7	-6	NW	2	N	30	85	6	1	-	-	1004.3	-4	WNW	2	b	25	85	7	-	-	-	-	-	8	*	bbscm	bbscm	bbscm	bbscm
4	Ross-on-Wye ...	1005.4	-10	WNW	3	N	33	75	8	7	3	-	-	1005.4	0	W	2	bc	29	85	7	5	-	-	-	3	*	bm, bbscm	bbscm	bbscm	bbscm
5	Hartland Point	1006.8	-10	N	2	N	36	97	8	3	6	-	-	1006.2	0	N	3	bc	37	65	8	7	4	-	-	0	3	psvcc	phc	bbscm	bbscm
	Bristol ...	1006.0	-12	WN	2	N	33	75	6	1	3	-	-	1005.9	+6	NW	1	bc	28	85	6	4	6	-	-	3	*	bm, ofm	bm	bm	bm
	Portland Bill ...	1005.7	+10	NW	3	N	34	85	8	5	-	-	1005.4	-10	NW	3	bc	34	85	8	5	-	-	-	-	1	3	bc	bc	bc	bc
	Plymouth ...	1007.4	-8	WNW	3	N	36	65	7	3	3	-	-	1006.9	-2	-	0	m	29	92	4	8	6	-	-	4	1	bm, ofm	bm	bm	bm
	The Lizard ...	1008.1	-10	WNW	3	N	35	92	8	8	2	-	-	1007.4	-4	WNW	3	c	34	85	8	6	-	-	-	4	2	psvcc	psvcc	psvcc	psvcc
	Scilly (St. Mary's)	1008.9	-4	NW	4	N	39	65	8	8	7	-	-	1007.7	-6	NW	3	pr	38	92	7	9	2	-	-	1	2	psvcc	psvcc	psvcc	psvcc
	Guernsey ...	1008.9	-4	NW	4	N	39	65	8	8	7	-	-	1007.7	-6	NW	3	pr	38	92	7	9	2	-	-	1	2	psvcc	psvcc	psvcc	psvcc
6	Pembroke	1006.7	0	NNW	4	bc	37	75	7	2	-	-	1006.6	-2	NNW	3	c	37	75	7	8	6	-	-	-	6	2	bc	bc	bc	bc
7	Holyhead ...	1005.3	-10	NW	5	ps	37	65	9	8	3	-	-	1004.3	-6	WN	1	c	37	75	8	3	-	-	-	7	4	psvcc	psvcc	psvcc	psvcc
	Chester (Sealand)	1004.8	-6	W	2	bc	34	75	7	8	-	-	1003.9	-8	WN	1	bc	31	85	5	5	-	-	-	-	3	*	bm, ofm	bm	bm	bm
8	Manchester ...	1004.6	-10	WN	3	bc	28	92	4	-	3	-	-	1003.6	-6	WSW	1	bc	26	75	5	5	3	-	-	3	*	bm, ofm	bm	bm	bm
10	Spurn Head ...	1001.7	-2	NW	5	bc	30	92	6	-	6	-	-	1000.9	0	NW	6	bc	30	92	6	-	-	-	-	4	4	bc	bc	bc	bc
	Catterick	1003.4	-12	W	3	b	30	75	8	2	-	-	-	1002.7	-6	W	2	b	25	65	7	-	-	-	-	8	3	bc	bc	bc	bc
	Tynemouth ...	1003.8	-6	WNW	3	bc	24	85	6	2	4	-	-	1002.3	+4	W	3	bc	24	85	6	2	-	-	-	8	3	bc	bc	bc	bc
11	St. Abbs Head	1001.9	-12	WNW	4	bc	29	75	7	1	4	-	-	1000.3	-4	NW	4	c	32	85	8	8	7	-	-	4	4	bbc	bbc	bbc	bbc
	Leuchars	1002.3	-14	W	4	bc	33	75	8	2	-	-	-	1001.5	0	WNW	4	b	28	92	8	4	-	-	-	3	*	bbc	bbc	bbc	bbc
12	Reafrew (Abbots L.)	1004.2	-16	SW	2	N	30	65	5	5	-	-	-	1003.8	+2	W	1	bc	27	85	5	8	3	-	-	8	*	bbc	bbc	bbc	bbc
	Eskdalemuir ...	1003.4	-6	NW	4	bc	28	55	5	5	-	-	1002.4	0	NNW	3	bc	22	85	7	5	-	-	-	-	7	2	bbc	bbc	bbc	bbc
	Point of Ayre ...	1004.8	-8	N	3	c	35	75	8	2	7	-	-	1003.4	-8	NW	2	bc	32	85	8	8	-	-	-	7	2	bbc	bbc	bbc	bbc
13A	Tiree ...	1005.9	-2	N	3	bc	35	75	8	8	-	-	1005.1	+2	N	5	ps	33	92	7	8	-	-	-	-	7	2	bc	bc	bc	bc
13B	Stornoway ...	1005.3	-8	N	4	ps	30	85	7	3	-	-	1005.7	+4	N	5	ps	30	85	7	3	-	-	-	-	7	2	bc	bc	bc	bc
15	Dalwhinnie ...	1003.2	-10	NW	2	bc	25	85	8	2	-	-	1003.0	+2	NW	2	bc	23	85	8	5	-	-	-	-	8	*	bc	bc	bc	bc
	Aberdeen ...	1000.8	-14	NW	3	bc	27	85	8	3	-	-	1000.2	0	NW	3	bc	25	85	7	5	-	-	-	-	8	*	bc	bc	bc	bc
	Wick ...	999.9	-12	NW	5	ps	29	75	8	7	-	-	999.2	-6	NW	5	ps	30	85	7	8	7	-	-	-	8	3	ps	ps	ps	ps
16	Lerwick...	996.1	-16	NW	5	is	25	92	5	8	2	-	-	996.7	+10	N	6	c	29	75	7	8	7	-	-	8	*	bc	bc	bc	bc
17	Blacksod Point...	1008.9	-6	NNE	3	bc	40	75	8	3	-	-	1008.2	+6	NNW	4	bc/pr	35	97	8	3	-	-	-	-	10					

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

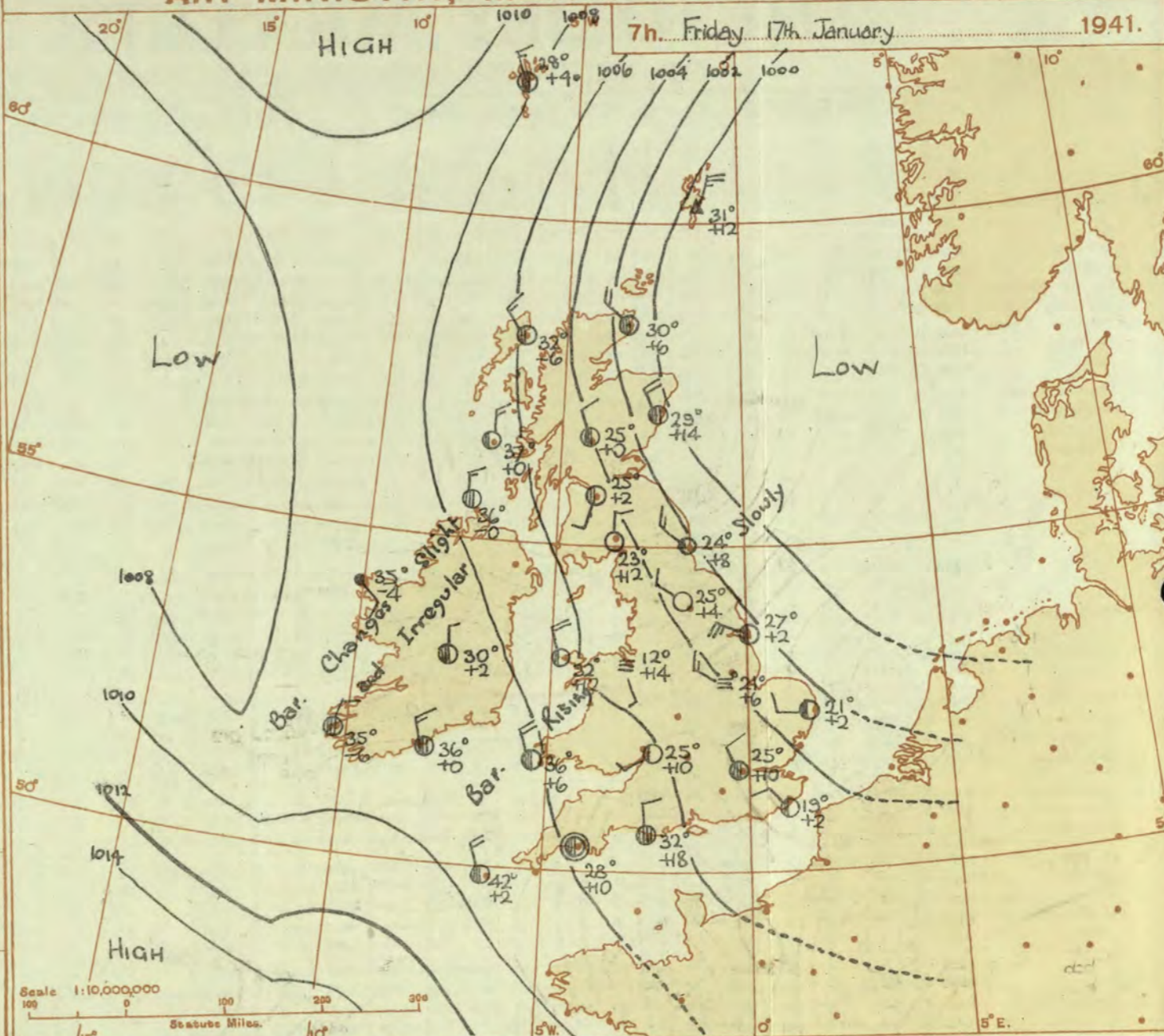
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
h(r), "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 16th January... 18h. G.M.T.				01h. G.M.T. 17th January... 07h. G.M.T.			
INC. C _M	wwVhN _h	DDFWN	C _L C _M	wwVhN _h	DDFWN	C _L C _M	wwVhN _h
10130	36854	30684		9-	83647	35687	96 10745 26486
11187	88334	32585	87	88834	01586	87	88834 65585 87 88834 65587
2003-	83834	32574	3-	88837	32677		
20680	00853	24113	3-	83546	26286	3-	83338 63388 30 00853 63383
2113-	83737	61687	9-	76388	61588	8-	26846 61586 86 83845 27386
22030	01843	05403					93 01744 03114
23000	10854	30314	36	01853	30414	40	00861 32311 86 26843 30183
24536	00951	30502	80	00952	28482	30	26843 61584 96 10744 61584
26050	05562	00003	40	26552	28282	00	00830 00000 53 05671 24203
27123	83856	06117	80	45343	26173	40	00851 27402 20 00961 25301
27953	07664	28204	54	00762	24112	00	05630 04200 00 00890 00000
28550	00851	02401	13	01852	32413		
28850	05662	25202	00	05630	21100	00	05630 18100 00 05690 20100
273							
3024	05651	31342	5-	05568	26328	50	05652 32112 80 08452 31312
32100	05650	28300	00	47330	28100	00	43430 26240 00 08490 26200
29080	05543	28313	50	05543	26313	50	05652 24402 50 06653 24313
29220	00751	27301	50	00761	00001	00	00830 26300 00 00790 26300
310--	05532	26312	--	04424	26314	--	01632 26312
31600	05590	28200	00	45330	28240	00	05530 24240 00 08490 22100
33336	26045	30285	2-	05647	00087	8-	87755 00085 83 01854 00084
334							
34020	00762	28202	5-	05665	26105	50	08455 30175 00 47190 00090
13080	05664	26374	00	05630	26310	00	08430 24300
33610	01762	04312	26	02753	28416		10 01752 32312
35000	05590	27201	03	05530	22211		50 05534 28114
36883	05663	28317					
37950	05652	30202	00	05630	28200	5-	26548 28288 50 05553 28213
39000	05590	25340	00	08490	24200	5-	08458 24213 5- 08448 25328
38203	05690	26303	03	05690	25201	5-	83448 26188 5- 47354 26124
43850	01635	02315					50 01653 01213
43000	05690	30300					03 08490 00017 00 05590 30170
40027	10854	30477	2-	01855	28325	2-	27747 30287 17 02843 30426

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

A depression off S.W. Norway is almost stationary and a feeble ridge of relatively high pressure is forming over the British Isles.
Weather will be mainly fair, but there will be local snow showers in the west and extreme north and local fog inland. Severe frost will continue in eastern and inland districts. A small depression off N.W. Ireland will move S.E. and affect the extreme S.W. of the British Isles.

FURTHER OUTLOOK.

Rain in extreme SW, some snow in other SW. districts but probably fair temporarily with severe frost and local fog in other areas.

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

Forecasts issued at 10.30. G.M.T.

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

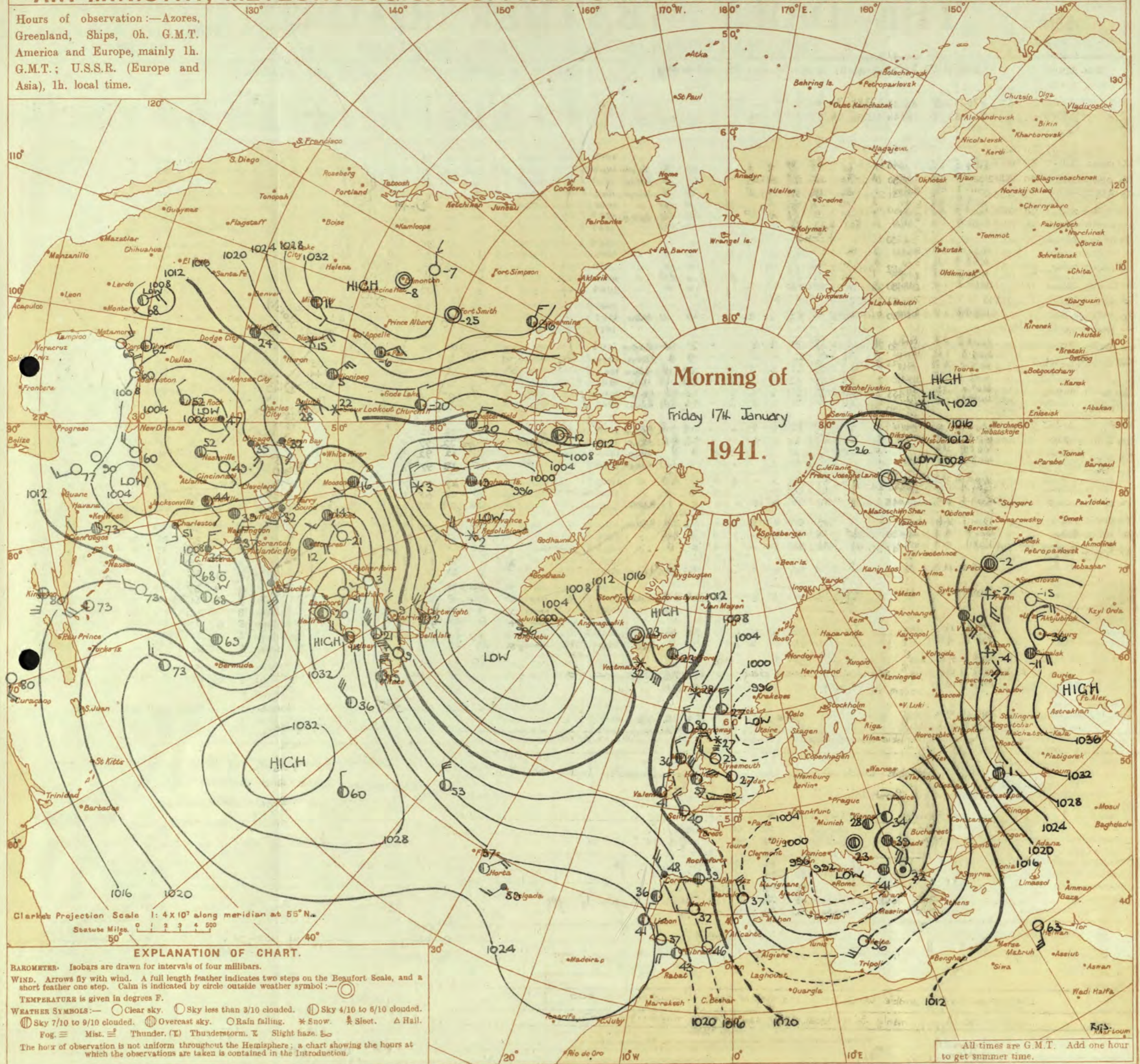
210/2334. W. 0042. 2.3705. 67.248. 3500. 11/41

DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 17th January 1941.

1 S.E. England	Light N.W. wind; fair; some mist during day, local fog night and morning;
2 E. England ...	frost all day, severe at night.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light or moderate variable wind; cloudy, some snow sleet or rain in extreme SW; somewhat less cold.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Light N.W. to variable wind; variable cloud, local snow showers; local valley fog later; severe night frost inland.
9 N. Midlands ...	
10 N.E. England	As 1-4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 6-9.
13 { A. W. Scotld. B.N.W.Scot- land.	Moderate or fresh N.W. or N. wind falling light; variable cloud, snow showers; very cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Light or moderate variable wind; some rain sleet or snow; somewhat less cold.
18 N. E. Ireland	Light variable wind; mainly fair; local fog; cold, severe night frost inland.
19 S. E. Ireland	
20 S. W. Ireland	As 17.

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 17th January 1941.

No. 28711.

OBSERVATIONS at 1 hr. G.M.T. 17th January															OBSERVATIONS at 7 hr. G.M.T. 17th January															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Sea. 0-9 (30)	TEMPERATURE.					SUN-SHINE Hrs. (36)				
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Direc. (18)	Force. (19)			Form. (23)	Amount. (24)					Height of Base. (feet) (25)	State of Ground. 0-9 (29)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h mm. (34)	Night 18h-7h mm. (35)								
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	1005.2	+12	NW	1	20	25	92	5	5	-	-	10	10	1500	8	*	32	23	20	-	Tr	2.7			
	Croydon ...	217	1004.0	-6	W	1	m	25	97	4	5	-	-	9	9	1004.8	+10	NW	2	20	25	97	5	5	-	-	9	9	1200	8	*	31	22	19	-	0.4	1.3		
	S. Farnborough ...	226	1004.5	-6	W'S	2	m	25	85	6	5	-	-	10	10	1005.5	+10	WNW	1	20	23	97	5	5	-	-	2.3	2.3	1000	8	*	33	20	11	-	0.3	3.2		
	Boscombe Down ...	417	1005.2	-6	WSW	1	m	27	92	4	5	-	-	10	10	1006.3	+12	NW	3	20	25	97	5	5	-	-	7.6	4.6	3000	8	*	32	21	17	-	0.1	3.2		
	Calshot (Stmntn.) ...	8	1004.8	-6	W	2	m	29	95	5	7	-	-	0	9	1005.4	+10	NW/N	2	20	27	92	6	5	3	-	Tr	1	1500	3	2	33	25	20	-	-	6.7		
	Lympe ...	346	1004.9	+2	W	1	m	19	97	4	5	-	-	4.6	4.6	1005.1	+2	NW	2	20	19	97	5	5	-	-	2.3	2.3	3000	8	2	30	15	9	-	-	1.7		
	Manston ...	154	1003.4	-2	W/N	3	bef	23	85	3	3	-	-	0	2.3	1003.7	+6	WNW	2	20	26	85	4	5	3	-	2.3	4.6	1500	8	*	31	22	18	-	-	-		
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.4	+4	NNW	1	6	21	97	6	-	-	-	0	0	-	8	*	31	20	12	-	-	2.1		
	Felixstowe ...	15	1002.4	-2	WNW	3	m	25	85	4	-	3	-	0	1	1002.9	+6	WNW	4	24	24	85	4	-	-	-	0	0	-	4	3	33	23	20	-	-	3.3		
	Gorleston ...	5	1002.4	0	W	3	b	21	85	4	-	-	-	0	0	1002.2	+2	W	2	21	85	5	-	-	-	0	2.3	-	8	2	32	18	19	-	-	-			
	Mildenhall ...	19	1002.7	-2	WSW	1	m	19	85	4	-	3	-	0	2.3	1002.9	+2	W	3	20	18	92	4	-	3	-	0	Tr	-	8	2	31	17	9	-	-	3.5		
	Cranwell ...	240	1003.5	0	WNW	3	m	23	92	4	-	-	-	0	0	1004.2	+6	WNW	3	21	92	4	-	-	-	0	0	-	8	*	32	21	17	-	-	0.0			
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.7	+4	NW	2	b	23	92	3	-	-	-	0	0	-	8	*	31	23	20	-	-	4.6		
	Upper Heyford ...	408	1004.3	0	WNW	2	SoS	27	92	6	5	-	-	10	10	1005.7	+12	WNW	3	20	23	97	5	-	-	-	0	0	-	8	*	31	22	9	-	-	*		
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.7	+10	SW	1	b	25	92	7	5	-	-	Tr	Tr	2500	3	*	34	25	18	-	-	6.9		
5	Hartland Point ...	299	1005.5	-4	NNW	4	c	38	75	8	8	6	-	9	9	1006.6	+6	NNW	4	c	37	75	8	8	5	6	4.6	9	2000	0	4	40	35	32	0.2	0.5	2.5		
	Bristol ...	209	1004.3	0	WNW	2	%	31	92	5	5	-	-	9	9	1006.9	+14	NNW	2	20	27	97	5	5	3	-	2.3	4.6	4000	8	*	34	25	15	-	-	4.1		
	Portland Bill ...	32	1005.2	-4	NW	2	c	32	85	8	5	-	-	10	10	1006.9	+18	N	2	c	32	85	8	5	-	-	10	10	4000	0	3	35	29	-	-	-			
	Plymouth ...	82	1006.9	-2	ENE	1	ps	29	92	4	2	2	-	7.8	10	1007.8	+10	-	0	c/ps	28	92	4	5	5	6	2.3	10	1800	8	1	37	26	17	0.5	3.8			
	The Lizard ...	240	1007.0	-6	NW	4	bc	39	85	8	6	-	-	4.6	4.6	1008.1	+8	NNW	3	c	35	92	8	8	2	-	9	9	2500	6	2	37	33	-	-	1.4			
	Scilly (St. Mary's) ...	163	1007.6	0	NW/N	4	bc	40	75	8	8	3	-	4.6	4.6	1008.2	+2	NW/N	4	c/pr	42	75	8	8	3	-	7.8	9	2200	1	4	40	35	-	-	0.9			
	Guernsey ...	175	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.2	+2	NW/N	4	c/pr	42	75	8	8	3	-	7.8	9	2200	1	4	40	35	-	-	0.9			
6	Pembroke ...	142	1005.4	0	NNW	5	c	38	85	8	8	-	-	7.8	7.8	1008.0	+6	NNW	4	c	36	75	7	8	2	-	4.6	7.8	2500	4	2	38	35	-	-	-			
7	Holyhead ...	26	1004.4	-2	NW	6	bc	37	65	8	2	-	-	4.6	4.6	1006.3	+12	NNW	4	bc/ps	32	97	8	9	-	-	4.6	4.6	2500	7	4	38	31	27	2	0.4	1.0		
	Chester (Sealand) ...	16	1003.8	+2	-	0	cF	22	92	1	5	-	-	9	9	1005.8	+14	SE	1	m	12	92	4	5	-	-	1	1	4000	8	*	34	9	-	-	5	5.7		
8	Manchester ...	70	1003.7	+2	N	1	f	26	97	2	-	-	-	10	10	1005.7	+12	W	1	F	18	97	1	-	-	10	10	4150	3	*	32	18	16	-	-	2.3			
10	Spurn Head ...	29	1000.2	-2	WNW	5	bc	27	92	7	-	4	-	0	2.3	1001.3	+2	NW	5	bc	27	92	7	-	1	-	0	4.6	-	4	4	31	25	-	-	-	6.6		
	Catterick ...	175	1002.4	0	W/N	2	b	26	65	7	-	-	-	0	0	1003.5	+4	WNW	2	b	25	65	8	-	-	-	0	0	-	8	*	31	23	16	-	-	7.0		
	Tynemouth ...	108	1002.4	-4	WNW	3	b	23	75	7	2	-	-	1	1	1003.0	+8	NW	3	20	24	75	6	2	-	-	2.3	2.3	3500	8	3	26	22	20	-	-	*		
11	St. Abbs Head ...	280	1001.1	+6	WNW	5	c	29	75	8	4	4	-	4.6	7.8	1001.3	+6	WNW	5	bc	30	75	8	4	4	-	2.3	4.6	2500	4	4	32	28	-	-	-	*		
	Leuchars ...	36	1001.9	+4	NW	5	bc	28	92	8	-	7	-	0	4.6	1002.3	+8	NW	5	bc	28	92	8	-	3	-	0	2.3	-	3	33	25	21	-	-	6.9			
12	Renfrew (Abbots I.) ...	19	1005.1	+4	WSW	2	b	22	85	7	-	-	-	0	0	1005.1	+2	SW/S	1	bc	25	85	7	5	3	-	Tr	2.3	3500	8	*	34	17	9	-	-	2.9		
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.2	+12	N	2	b	23	65	8	-	-	0	0	-	8	*	29	21	15	-	-	5.1			
	Point of Ayre ...	30	1004.2	+6	N	5	b	34	92	8	2	-	-	Tr	Tr	1005.5	+4	NW	4	b	33	92	8	2	-	-	Tr	Tr	2500	7	4	36	30	-	-	0.5	2.7		
13a	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.9	0	N	3	bc	37	85	8	2	-	-	4.6	4.6	2100	4	4	37	30	-	-	Tr	2.9		
13b	Stornoway ...	80	1005.7	0	N	4	c/ps	30	85	7	8	-	3	7.8	7.8	1005.4	-6	NW	3	bc	32	85	7	8	-	-	2.3	2.3	1500	7	2	31	26	-	-	25	0.9		
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.1	0	NNW	2	c	25	75	7	8	-	-	7.8	7.8	1500	8	*	26	19	16	0.1	0.2	1.3		
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	1000.6	+14	NW	4	c	29	92	8	9	-	3	7.8	7.8	1500	8	4	29	29	22	0.2	3	4.9		
	Wick ...	81	999.8	+2	NW	5	ps	30	92	6	5	2	-	7.8	10	1000.6	+6	NW	4	c	30	92	8	8	7	-	4.6	9	1500	8	4	31	28	-	-	0.4	1		
16	Lerwick ...	156	998.0	+14	N	5	c	27	85	7	8	7	-	7.8	9																								

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Saturday 18th January, 1941.
No. 28,512

OBSERVATIONS at 13h. G.M.T. 17th January.														OBSERVATIONS at 18h. G.M.T. 17th January.														PAST 24 HOURS.											
DIRECTION.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	% Humid.	Visibility. m.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	% Humid.	Visibility. m.	Cloud.					State of Ground. 0-9	Sea. 0-9	WEATHER.									
				Dir.	Force.					Low.	Med.	High.	Total 0-10	Height of Base. (feet)			Dir.	Force.					Low.	Med.	High.	Total 0-10	Height of Base. (feet)			7h.—13h. 17h.	13h.—18h. 18h.	18h.— 19h.	19h.— 24h.						
																																		Form.	Amount.	Form.	Amount.	Form.	Amount.
(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)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Soton.) ... Lympe ... Manston ...	1007.0 1007.3 1008.2 1009.1 1009.8 1008.6 1006.3	+0 +4 +6 +10 +8 +14 +6	WSW W WN WN NW NW WNW	3 1 3 3 3 2 3	Z Z Z N N N N	31 31 33 34 34 27 29	75 85 85 85 85 85 85	5 5 5 5 5 5 5	- - - - A - -	- - - - 1 - -	0 0 0 0 0 0 0	0 0 Tr 2-3 1 0 0	- - - - - - -	1007.7 1008.5 1010.2 1010.3 1010.1 1010.3 1008.6	+12 +12 +14 +8 +10 +18 +6	SW WN SWW SW W NW WS	2 1 2 1 2 1 3	N N N N N N W	29 26 24 26 29 28 25	85 85 75 85 85 85 75	4 4 6 6 5 5 4	- - - - - - -	- - - - - - -	0 0 0 2-3 1 0 0	- - - - - - -	8 8 8 8 3 8 1	3	3	cmg bfg bz bccz bm bnx bccisot	cmg mb m by z x bcz ccm cmossom csstafmo cmossoc bzo								
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1006.9 1005.3 1005.0 1005.6 1006.0	+6 +6 +12 +6 +6	WNW WNW WN WS WNW	4 2 3 3 4	b N bc Z Z	31 31 27 30 31	75 65 85 75 75	5 5 6 5 4	- - - - -	- - - - -	0 0 2-3 0 0	0 0 2-3 0 0	- - 800 - -	1008.3 1007.6 1024.3 1007.5 1007.6	+6 +4 +16 +14 +14	WSW WN WN WSW W	3 3 3 3 3	N N bc Z N	29 29 29 24 25	85 75 85 82 85	4 5 6 5 4	- - - - -	- - - - -	0 0 0 0 0	- - - - -	8 3 8 8 8	3	2	bm bmf bfm bmm bm bczbz bmm bzn	bm bmf bfm bmm bm bczbz bmm bzn								
3	Birmingham ... Upper Heyford ... Ross-on-Wye ...	1007.7 1007.6 1008.1	+6 +6 +6	W WN W	3 3 2	Z b bc	31 31 26	65 65 65	5 7 5	- - -	- - -	0 0 1	0 1 -	- - -	1008.8 1008.3 1009.4	+6 +4 +6	SW WSW WN	2 1 1	Z Z bc	29 23 30	65 65 85	4 6 7	- - 5	- - 2	0 0 Tr	1-6 2-3 2-3	- - 2500	8 8 3	3	3	fz bz bc bzbcb bzbcb bzbcb	bz bc bzbcb bzbcb bzbcb							
4	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	1009.2 1008.9 1009.0 1010.3 1010.6 1009.3 1009.3	+2 +2 +10 +10 -2 +2 +2	NNE W NW NNE NNW NNW NNW	3 2 2 2 3 1 1	bc c bc bc bc c c	40 35 36 37 42 45 45	65 65 65 65 75 65 65	5 5 5 5 8 5 5	- - - - 6 8 8	- - - - - - -	2-3 0 4-6 4-6 4-6 10 10	4-6 7-8 4-6 Tr 4-6 4-6 10	2500 4000 4000 3500 2200 2200 2200	1008.5 1008.8 1009.0 1009.1 1009.3 1009.2 1009.2	-8 +4 +8 -2 -10 -18 -18	SSE W NW NW SE SE SE	3 0 2 3 4 3 3	bc Z bc bc f f f	34 30 35 35 40 42 42	85 75 65 65 85 75 75	8 6 8 8 8 8 8	5 - 5 - 2 2 2	- - - - - - -	- - - - - - -	2-3 0 4-6 0 9 4-6 4-6	2500 - 4000 1500 1500 1500 2200 2200	0 3 3 0 4 2 1	3	3	cba bcbcb cbcbz bcbz c qpsq bnbz bzbz membecr c c	cba bcbcb cbcbz bcbz c qpsq bnbz bzbz membecr c c							
5	Pembroke ... Holyhead ... Chester (Sealand) ... Manchester ...	1009.4 1007.7 1006.7 1006.3	+6 +2 0 0	NNW WN WN SW	1 3 3 1	bc c b bf	39 38 34 22	75 75 65 57	8 8 7 2	2 3 - -	4 3 - -	1 2 - 0	2-3 2-3 0 0	4-6 7-8 2-3 -	3500 3500 1007.3 1007.3	+6 0 +2 +2	SSW SWW SW WNW	2 2 1 1	c c bc c/ps	39 35 28 23	65 65 75 97	8 7 6 9	- - 5 8	- - 8 8	7-8 0 4-6 9	7-8 7-8 5000 3000	3000 - 8 8	4 6 8 8	2 3	Acbc cmbcc bmfbb cFFfx	bcc cbcc bccc bFZc fps								
6	Spurn Head ... Catterick ... Tynemouth ...	1003.8 1005.1 1003.8	+2 +8 +8	NW WN W	5 3 3	bc b bc	32 32 27	92 85 85	7 8 7	2 2 2	- - -	2-3 Tr 2-3	2-3 Tr 2-3	2500 2500 3600	1005.8 1006.7 1006.0	+10 +10 +6	NW - WNW	5 0 3	bc Z b	32 29 28	85 75 85	7 6 5	4 - -	4 - -	2-3 0 0	2-3 Tr 0	2500 - -	4 8 8	4 3	bc b b	bc bxz b b								
7	St. Abbs Head ... Leuchars ... Rentfrew (Abbots L.) ... Eskdalemuir ... Point of Ayre ...	1002.7 1003.6 1005.7 1004.7 1006.4	+2 -2 -2 +6 0	NNW NW WN NW NNW	5 4 3 4 2	bc bc b b c	31 34 34 30 36	75 85 75 55 75	7 8 8 8 7	2 2 2 - 8	4 7 3 - - -	2-3 1 2 0 7-8	2-3 2-3 Tr 0 7-8	2500 3500 4000 1500 1500	1004.1 1004.6 1005.6 1005.7 1006.1	+6 +6 0 +10 0	N WN - N NW	3 2 0 2 4	bc b b bc c	33 27 27 26 35	85 92 75 65 75	5 4 8 7 8	4 4 - 5 6	- - - - -	2-3 Tr Tr Tr 7-8	2500 3200 4000 2500 1500	4 3 8 8 7	4 3	bc bc bcb bxb bxb b	bc bcb bx bxb bxb b									
8	Three ... Stornoway ... Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	1006.0 1006.2 1005.0 1002.3 1002.3 1001.8	+0 +6 +4 +8 +8 +20	NNW - - NNW WNW N'W	2 0 0 3 3 4	bc - - bc/ps bc c	39 30 24 30 25 31	55 97 85 85 97 85	8 6 8 8 8 8	1 3 2 3 1 3	- G - - 2 - -	4-6 9 4-6 4-6 2-3 4-6	4-6 9 1500 1500 1500 800	1005.7 1006.6 1005.5 1004.6 1003.6 1002.6	0 +4 +6 +14 +6 +6	E - SSE - WNW N'W	1 0 1 1 3 5	bc c bc c/ps PS PS	31 29 12 27 29 30	97 * 85 97 97 92	8 7 5 7 7 7	- 7 - - 5 2	- - - - - -	2-3 7-8 1 9 4-6 7-8	2500 1500 2500 1500 1500 800	4 7 3 3 8 8	2 1	bc bccPS c c c c c	bc cbc bccPS bccPS c c										
9	Blacksod Point ... Malin Head ... Aldergrove ...	1004.9 1007.2 1008.0	-10 0 -2	SE W S'W	2 2 1	c PRD c	38 33 27	92 85 85	8 1 7	- 9 5	7 - 3	0 9 7-8	10 9 9	- 450 4500	1004.0 1005.8 1007.0	-10 -2 -2	SE SSW S'W	3 1 1	ir c Z	37 27 24	97 85 97	7 8 5	4 2 5	- 7 2	10 4-6 2-3	10 4000 4000	1 3 8	4	c c c	ir bc bccmo									
10	Birr Castle ... Valentia Obsy. † Roches Point ...	1008.3 1007.4 1008.5	-8 -18 -10	S S'E SE	1 1 2	c ir c	36 42 39	75 85 85	8 8 8	- 5 5	- 5 3	4-6 10 4-6	7-8 19 7-8	2500 4000 2500	1006.0 1002.7 1005.2	-8 -24 -22	S SE SSE	1 4 4	c ir ir	34 43 42	85 92 85	8 5 8	5 1 2	- - -	10 9 4-6	10 2500 1500	1 3 4	4	c c c	c c c c c									

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

rr, continuous rain.

<, less than (for cloud height). /gale.
⊕ Solar halo. ⊙ lunar halo. ☌ Aurora.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

4 Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

CLOUD.

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

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.	

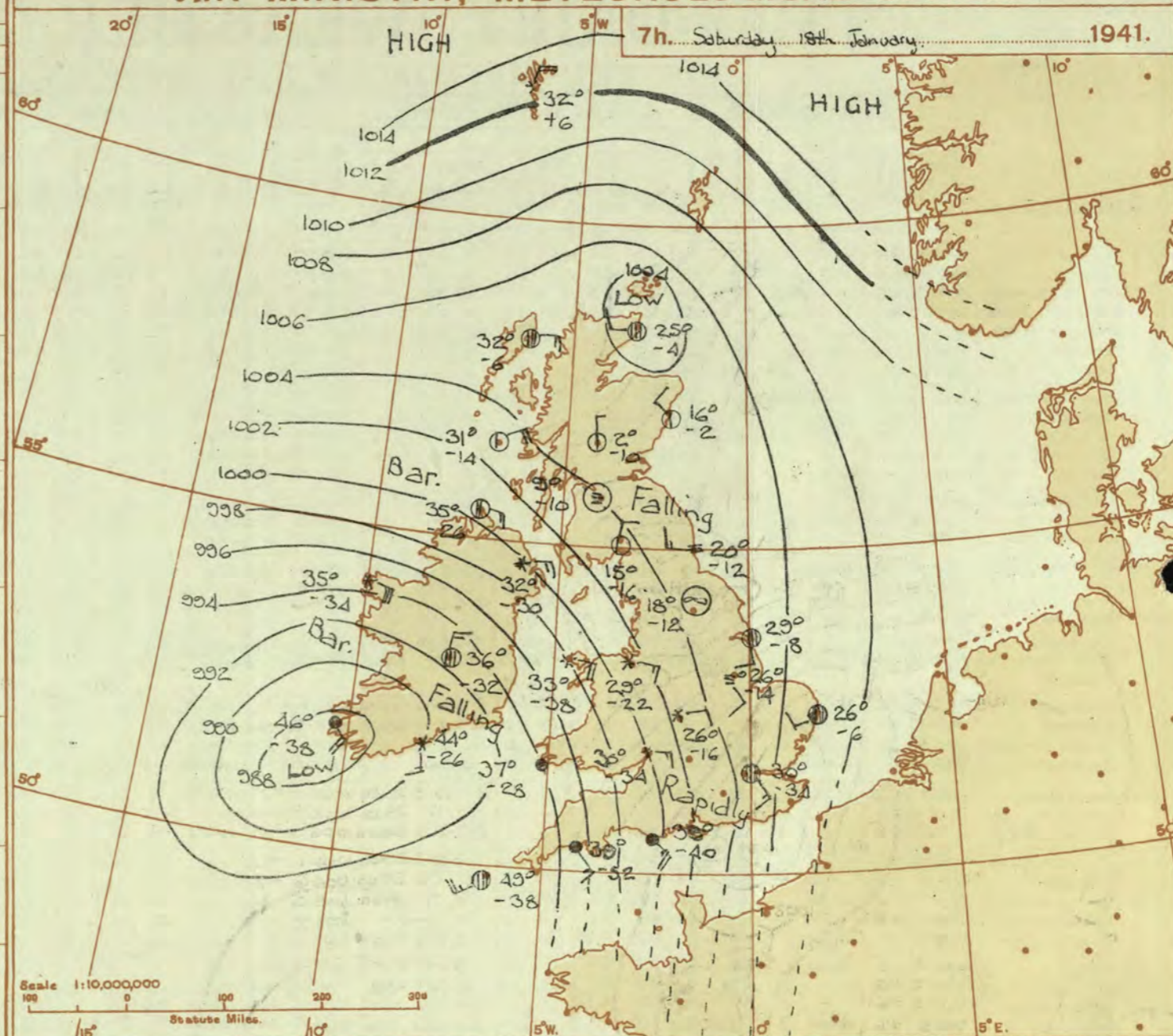
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 17th January				18h. G.M.T.				01h. G.M.T. 18th January				07h. G.M.T.			
III	C _M	wwVhN _h	DDFWN	C _L	C _M	wwVhN _h	DDFWN	C _L	C _M	wwVhN _h	DDFWN	C _L	C _M	wwVhN _h	DDFWN
109	73	57	01687	3-	01853	24383	9-	87745	24485	8-	02855	45385			
115	83	334	04386	87	83834	04385	87	83834	04386	87	83834	04386			
203				8-	26954	12274				1-	00962	08312			
206	86	07854	27385	86	01854	00014	40	02851	00025	43	00851	24121			
210	86	02844	25425	8-	02848	23315	8-	01954	22324	86	01953	18214			
220				83	01754	02104				80	01754	08404			
230	86	01853	26373	86	01852	28212	50	00851	0211	50	00851	06101			
245	86	00952	29483	36	00952	27412	40	00962	24202	20	00961	22201			
260	80	05520	22300	00	05520	00000	00	08490	00000	00	08490	00000			
272	87	01953	25303	37	02744	25287	33	83846	00087	07	71890	07488			
279	20	00851	24201	27	05651	24202	*	05653	00003	03	01790	04314			
285	50	00851	30501	23	01742	30403				5-	02747	32317			
288	20	05651	20101	50	05661	20101	00	05690	20102	03	05590	00015			
273	3	05654	17127												
302	80	00752	28303	87	17545	30387	02	72648	0278	02	72558	2378			
321	80	05520	25200	00	47390	24100	01	08490	22115						
298	80	05653	25413	50	05652	23302	50	05652	22302	5-	05646	08116			
292	20	00851	26201	00	00790	00001	03	05690	00003	02	47290	00048			
310	80	05532	24312	--	05533	24313									
316	80	05690	28240	00	08490	24214	52	08453	22418	5-	77358	00078			
332	80	28354	00085	00	05680	00013	52	71664	13478	02	23658	07478			
334															
340	80	00890	24202	40	01763	22214	07	05590	14218	02	72448	10378			
136										01	05690	12228			
338	80	01752	04312	26	10753	28315				00	77309	28379			
350	80	05590	26200				01	05590	20218	52	71457	18170			
368	80	01790	28214												
378	80	00790	28302	03	01790	26213	02	05590	24216	6-	72538	4378			
390	80	04590	26300	00	05590	22213	07	45390	16248	02	72458	12378			
382	84	05690	24301	00	08490	00003	07	41490	00047	02	71448	10378			
438	80	05690	28200							5-	71438	17478			
430	80	00790	28201	04	05590	00001	01	08490	00028	5-	72548	4328			
409				54	02854	12327	5-	52648	14468	5-	64638	15468			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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 S.W. Ireland is likely to drift slowly E.S.E. There will be rain in S.W. districts and appreciable snowfall over the remainder of England, Wales and North Ireland but in Scotland there will only be local showers. A thaw is likely to follow the snow in the south of England, but this may be only temporary.

FURTHER OUTLOOK.

Further snow in northern and central districts; thaw in extreme South, perhaps only temporarily, with risk of further snow before long.

Gale warning issued at 0230h on 18th for districts 5, 6, 19, & 20. and at 0850h on 18th for district 16.

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

Forecasts issued at 10.30. G.M.T.

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

270,3584. W. 6449. 2,3705. 4248. 5300. 1/41.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th January 1941.
1 S.E. England	Moderate or fresh S.E. wind, strong on coast, decreasing later and veering S or S.W.; snow turning to sleet or rain later; local fog later; temperature rising with thaw later.
2 E. England	
3 E. Midlands	Moderate or fresh S.E. to E. wind, strong on coast; snow in considerable amount; local fog later; temperatures rising but remaining near freezing point.
4 W. Midlands	
5 S.W. England	Moderate or fresh S.W. or variable wind; rain at times; milder.
6 South Wales	Fresh or strong S.E. to E. wind; dull, rain sleet or snow; heavy snow on hills; cold.
7 North Wales	
8 N.W. England	
9 N. Midlands	Moderate or fresh S.E. to E. wind; some snow; temperatures rising but still slight frost.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light variable wind becoming E. moderate or fresh; fine at first; snow and hail showers later, chiefly in the east; temperature rising but still freezing.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Strong to gale S.E. to E. wind; occasional snow; cold.
17 N. W. Ireland	
18 N. E. Ireland	Moderate or fresh E. wind strong on coast; snow or sleet, improving later; cold.
19 S. E. Ireland	
20 S. W. Ireland	Wind variable to E. or N.E. fresh at times; rain at first, perhaps sleet or snow locally later but tending to improve rather cold.

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
Saturday 18th January
1941.

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

Statute Miles
0 1 2 3 4 50

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:— ☉ Clear sky. ☁ Sky less than 3/10 clouded. ☂ Sky 4/10 to 6/10 clouded.

☃ Sky 7/10 to 9/10 clouded. ☄ Overcast sky. ☔ Rain falling. ❄ Snow. ⚡ Sleet. ⚡ 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.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday 18th January 1941.
No. 28912

OBSERVATIONS at 1 hr. G.M.T. 18th January															OBSERVATIONS at 7 hr. G.M.T. 18th January															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. 0-9 (9)	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. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.				RAINFALL.		SUN-SHINE 17th Hrs. (36)				
					Direc. (3)	Force. 0-12 (4)					Form. (10)	Amount. 0-10 (11)	Direc. (17)				Force. 0-12 (18)	Form. (23)					Amount. 0-10 (24)	Max. Day 7-18h °F. (31)	Min. Night 18h-7h °F. (32)				Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)								
																																Low. (9)	Med. (10)	High (11)		Low (12)	Total (13)	Low (17)	Med. (18)
1	London (Kew) ... 18	1010.0	-2	WSW	2	3	24	92	4	3	6	0	7-8	1003.7	-30	ESE	3	13	29	92	5	5	5	5	10	10	1000	8	*	32	23	7	-	Tr	4.6				
	Croydon ... 217	1010.0	-2	WSW	2	3	24	92	4	3	6	0	7-8	1004.1	-34	SE	3	13	30	97	5	5	5	5	10	10	2500	8	*	33	20	17	-	Tr	5.8				
	S. Farnborough ... 226	1009.1	-12	SSE	3	2	25	85	5	3	0	9	-	1002.3	-2	E	3	33	28	97	5	5	5	5	10	10	2500	8	*	34	21	12	0.4	0.4	5.9				
	Boscombe Down ... 417	1009.6	-6	E'S	3	2	25	85	4	5	10	10	2000	1002.3	-46	E'S	4	33	28	97	4	6	6	6	10	10	1500	8	*	35	23	16	-	0.3	5.0				
	Calshot (Stmntn.) ... 8	1008.5	-14	E'S	3	2	31	92	5	7	0	10	-	1001.3	-42	SE'S	5	33	35	92	6	6	6	6	10	10	900	1	4	35	28	23	-	0.3	7.7				
	Lympne ... 346	1011.0	0	0	0	2	92	5	1	0	9	-	-	1007.0	-22	S	3	3	32	92	7	6	2	1	1	10	2500	8	*	30	17	11	-	Tr	5.5				
	Manston ... 154	1009.8	-2	SW	3	2	24	75	6	3	0	7-8	-	1005.9	-20	SW'S	3	20	31	75	6	5	7	2-3	9	1000	8	*	30	24	20	-	-	7					
2	Shoeburyness ... 11	1008.7	0	W	3	2	27	92	4	7	0	9	-	1006.4	-20	SW'S	3	20	32	92	5	5	5	5	10	10	2500	8	*	32	23	20	-	0.1	5.5				
	Felixstowe ... 15	1008.7	0	W	3	2	27	92	4	7	0	9	-	1005.9	-22	SE	2	20	29	95	6	5	7	10	10	-	4	1	32	25	21	-	-	6.4					
	Gorleston ... 5	1008.0	+2	W'S	2	2	23	85	6	5	0	4-6	-	1007.2	-6	SW	2	20	26	85	5	5	5	5	9	9	1000	8	*	31	22	17	0.6	-	4.2				
	Mildenhall ... 19	1008.3	-2	SW'S	2	2	25	85	6	7	6	0	9	-	1005.0	-22	SE	2	26	92	4	5	7	10	10	-	8	*	31	21	15	-	-	4.6					
	Cranwell ... 240	1007.8	-6	W	3	2	27	92	4	1	0	9	-	1005.3	-14	SE	2	26	92	4	5	7	1	1	10	-	8	*	31	24	21	-	-	5.8					
3	Birmingham ... 535	1009.3	-4	-	0	2	22	92	5	3	0	9	-	1002.7	-16	ENE	2	20	26	92	4	5	5	5	10	10	800	8	*	32	26	22	*	Tr	5.7				
	Upper Heyford ... 408	1009.3	-4	-	0	2	22	92	5	3	0	9	-	1002.3	-32	NE	3	20	27	97	5	5	2	5	10	10	1000	8	*	34	21	6	-	0.4	*				
4	Ross-on-Wye ... 223	1009.3	-4	-	0	2	22	92	5	3	0	9	-	1000.1	-34	E	3	20	30	97	6	5	5	5	10	10	1500	4	*	37	25	19	-	0.3	6.8				
5	Hartland Point ... 299	1003.3	-32	SE	3	2	33	97	7	2	10	10	1000	993.6	-44	SE	5	37	97	7	6	2	5	2	7-8	10	1000	1	4	40	32	31	-	5	4.8				
	Bristol ... 209	1007.7	-18	SSE	2	2	30	75	6	5	10	10	4500	999.3	-38	SE	4	30	32	97	5	5	2	5	7-8	10	900	8	*	37	27	19	-	0.1	6.3				
	Portland Bill ... 32	1009.3	-24	WNW	4	2	39	75	8	5	10</																												

LONDON OBSERVATIONS.												EXPLANATION OF FIGURES, LETTERS, etc.											
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.												Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.											
Height above S.E. level.												Atmospheric Pollution.											
Weather.												Atmospheric Pollution.											
Temperature.												Atmospheric Pollution.											
Rainfall.												Atmospheric Pollution.											
Sunshine.												Atmospheric Pollution.											
Humidity.												Atmospheric Pollution.											
Variability.												Atmospheric Pollution.											
24 hrs. ended 9h.												24 hrs. ended 7h. G.M.T....											
SOUTH KENSINGTON.												SOUTH KENSINGTON.											
Max. Time. Min. Time.												Max. Time. Min. Time.											
KEW OBSERVATORY.												KEW OBSERVATORY.											
Max. Time. Min. Time.												Max. Time. Min. Time.											
Kew												0 Dense fog 55 yards.											
Croydon												1 Thick fog 220 "											
Greenwich (Royal Observatory)...												2 Fog 550 "											
City (Bunhill Row)												3 Moderate fog 1,100 "											
Westminster (St. James' Park) ...												4 Mist or haze 1 1/2 miles.											
Regents Pk. (Botanic Gardens)...												5 Poor visibility 2 1/2 "											
Camden Square												6 Moderate " 6 1/2 "											
Kensington												7 Good " 12 1/2 "											
Hamstead Observatory												8 Very good " 31 "											
FOREIGN OBSERVATIONS.												9 Excellent " beyond 31m.											
18h. G.M.T....												7h. G.M.T....											
Past 24 Hours.												Past 24 Hours.											
Barom. Wind. Weather. Temp. Barom. Wind. Weather. Temp.												Barom. Wind. Weather. Temp.											
Paris												Brussels											
Berlin												Zurich											
Rome												Calm—glassy. 5 Rough.											
Calm—rippled. 6 Very rough.												2 Smooth. 7 High.											
3 Slight. 8 Very high.												4 Moderate. 9 Phenomenal.											
COLUMNS 34, 35.												Tr. = rain has fallen, but amount less than 0.1 mm.											

† 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.Se., A.R.C.S., Director.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.	COLUMNS 9, 23.—FORM OF LOW CLOUD.	COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.	COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.	
b, blue sky (not more than a quarter covered with cloud). bc, sky partly cloudy (one half covered). c, generally cloudy. d, drizzle. e, wet air. g, gloom. f, fog, visibility 220—1100 yds. F, thick fog „ less than 220 yds. fs, low fog over sea (coast station). fg, low fog over land (inland station). m, mist, visibility 1100—2200 yds. h, hail. i, intermittent. jf, fog at a distance, but not at station. jp, precipitation within sight of station. ks, storm of drifting snow. k/s, slight storm of drifting snow (generally low). k/S, heavy storm of drifting snow (generally low). s/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 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 So. 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:— 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. 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.

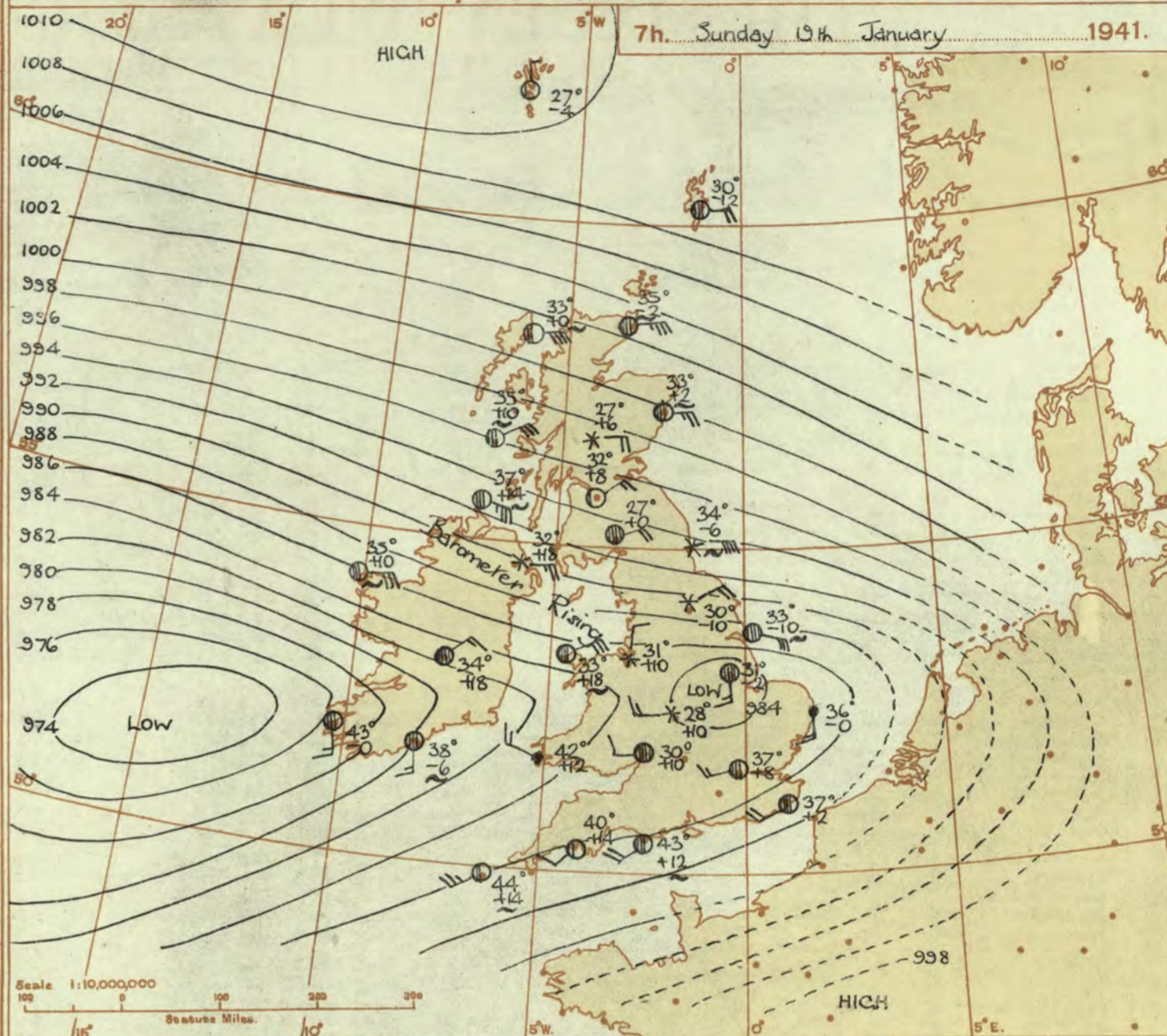
Abridged observations of additional stations in the

AVIATION WEATHER CODE

13h. G.M.T.	18h. G.M.T.	01h. G.M.T.	07h. G.M.T.
III, C, M, W, V, N, D, DFWN	C, C, M, W, V, N, D, DFWN	C, C, M, W, V, N, D, DFWN	C, C, M, W, V, N, D, DFWN
1096 36445 42685	9- 02754 43684	8- 02755 42685	9 10747 08787
1187 02844 08585	87 14844 41685	87 14834 41686	87 14834 41727
203	8- 01964 04414		
208- 01755 00015	86 14753 42584	5- 14747 42727	37 14754 42624
2104 10843 00034	86 01643 41614	80 01744 41714	83 83844 07685
220	80 01754 09514		83 36554 10735
2303 01963 08213	57 02963 06416	57 02954 39517	5- 72648 39578
246- 26943 03384	9- 83648 41788	95 26744 43784	9- 26648 43888
2607- 47360 00045	50 05653 06287	5- 05658 41470	5- 05564 08474
2757 02764 07078	02 71458 07678	02 23548 07678	00 02850 07526
279	02 71658 41578		5- 71858 08678
285-2 71638 10478	-2 74538 08678		
288	5- 72468 12278	5- 72548 41378	5- 74438 39678
273			
3062 72458 10578	02 72448 10678	02 72448 09678	02 71558 08578
3262 74548 10378	02 74548 09478	02 77338 43578	02 77238 37678
2982 05545 14228	5- 77348 12587	5- 74438 09878	5- 77338 42578
2925- 08448 08178	02 72528 09478	02 72448 43678	02 74338 41778
310			
3162 77335 10478	62 72435 41678	02 77238 39678	5- 08448 32278
3302 08548 08678	02 68548 06478	02 72448 39678	02 05648 04128
334			
3462 77335 43678	02 74428 41778	02 77348 06678	02 72448 30278
136	** 74309 07579	5- 74228 08678	
386- 77369 1247-	-- 77309 12479		
35002 77338 08378			5- 52528 20378
368			
379	** 67209 12479	-- 77209 20479	5- 03338 20328
390- 76-9 0570	52 08437 12578	5- 22438 12478	07 08490 18465
38902 72538 08478	5- 52438 08358	5- 61645 20365	5- 51747 28257
43802 78003 16579			02 63548 24468
43002 68427 12378		8- 25664 55514	40 05643 20313
4083 01733 19565	87 22746 14468	24 81674 20484	34 00741 16382

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Mb.
 1060
 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. Sunday 19th January

1 S.E. England	Moderate or light southwest wind backing southeast and freshening tomorrow. Fair today apart from local showers, rain tomorrow, milder than of late but ground frost locally at night.
2 E. England ...	
3 E. Midlands ...	Light variable wind becoming southeast or east tomorrow; cloudy, light local rain, sleet or snow, some general rain sleet or snow tomorrow, local fog; cold, slight frost at night.
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Moderate or fresh southwest wind backing south or southeast and becoming strong; bright intervals and local showers today, rain tomorrow; rather mild.
7 North Wales ...	
8 N.W. England	Strong or gale east wind, decreasing slowly; mainly cloudy, occasional snow, chiefly in eastern half of Britain; cold.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	Moderate, to light south wind backing east; freshening later; occasional rain; snow locally later, becoming colder.
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 Southwest Ireland with a trough extending to the Southern North Sea will partly fill up and a new depression is likely to move up quickly from the Azores causing rain tomorrow in the South and snow in the Midlands.

Wintry conditions with further snow will continue north of the trough now over England with an easterly gale at exposed places, moderating somewhat during the period.

FURTHER OUTLOOK.

Wintry except in extreme South; further snow in Northeast districts, and perhaps in Midlands also.
 ▲ Gale warning issued 0800h. 18.1. 16
 1350h. 18.1. 2, 7, 8, 12, 18.
 2000h. 18.1. 10, 11, 13a, 13b, 15, 17.

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

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

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

270/3584, 118-2048, 2.3705, 6p.248, 9300, 1/41.

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 19th January
1941.

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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:—○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded.

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

Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. 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.

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Sunday 19th January 1941.
No. 28,213.

OBSERVATIONS at 1 hr. G.M.T. 19th January														OBSERVATIONS at 7 hr. G.M.T. 19th January														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.			
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																Low.	Med.		High.	Low.	Med.
1	London (Kew) ... 18	...	984.5	-28	SW	4	bc	39	92	7	...	...	...	985.1	...	...	...	...	...	...	...	...	...	...	...	...	...	32	32	31	...	...	0.0
	Croydon ... 217	...	984.5	-28	SW	4	bc	39	92	7	...	...	...	985.2	...	...	...	...	...	...	...	...	...	...	...	...	...	32	32	31	...	...	0.0
	S. Farnborough ... 226	...	984.6	-14	SW	5	bc	38	92	6	...	...	...	985.5	...	...	...	...	...	...	...	...	...	...	...	...	...	33	33	32	...	...	0.0
	Boscombe Down ... 417	...	984.4	+2	SW	2	bc	36	97	7	...	...	...	985.7	...	...	...	...	...	...	...	...	...	...	...	...	...	33	32	30	...	...	0.0
	Calshot (St. Mary's) ... 8	...	...	...	...	...	...	...	...	...	...	...	...	985.7	...	...	...	...	...	...	...	...	...	...	...	...	...	38	36	35	...	...	0.0
	Lymington ... 346	...	987.9	-26	SW	3	bc	40	97	6	...	...	...	987.7	...	...	...	...	...	...	...	...	...	...	...	...	...	38	31	31	...	...	0.0
	Manston ... 154	...	986.1	-34	SW	4	bc	39	92	6	...	...	...	986.4	...	...	...	...	...	...	...	...	...	...	...	...	...	31	30	29	...	...	...	
2	Shoeburyness ... 11	...	...	...	...	...	...	...	...	...	...	...	...	986.1	...	...	...	...	...	...	...	...	...	...	...	...	...	33	30	30	...	...	0.0
	Felixstowe ... 15	...	985.4	-54	ESE	6	bc	34	82	5	...	...	...	985.0	...	...	...	...	...	...	...	...	...	...	...	...	...	35	30	29	...	...	0.0
	Gorleston ... 5	...	989.4	-50	SE	6	bc	32	85	5	...	...	...	985.1	...	...	...	...	...	...	...	...	...	...	...	...	...	32	30	28	...	...	0.0
	Mildenhall ... 19	...	985.1	-46	ESE	5	bc	31	97	4	...	...	...	985.3	...	...	...	...	...	...	...	...	...	...	...	...	...	32	30	28	...	...	0.0
	Cranwell ... 240	...	986.3	-48	ESE	5	bc	29	97	2	...	...	...	986.2	...	...	...	...	...	...	...	...	...	...	...	...	...	29	27	...	...	...	0.0
3	Birmingham ... 535	...	...	...	...	...	...	...	...	...	...	...	...	984.9	...	...	...	...	...	...	...	...	...	...	...	...	...	28	27	27	...	...	0.0
	Upper Heyford ... 408	...	982.5	-40	S	3	bc	39	97	5	...	...	...	984.7	...	...	...	...	...	...	...	...	...	...	...	...	...	30	28	26	...	...	...	
	Ross-on-Wye ... 223	...	...	...	...	...	...	...	...	...	...	...	...	985.3	...	...	...	...	...	...	...	...	...	...	...	...	...	32	29	30	...	...	0.0
5	Hartland Point ... 299	...	982.7	0	W	4	bc	41	92	8	...	...	...	984.9	...	...	...	...	...	...	...	...	...	...	...	...	...	47	39	37	...	...	0.0
	Bristol ... 209	...	983.3	-4	SW	3	bc	36	97	6	...	...	...	985.0	...	...	...	...	...	...	...	...	...	...	...	...	...	34	34	32	...	...	0.0
	Portland Bill ... 32	...	984.8	-4	SW	4	bc	43	85	8	...	...	...	986.1	...	...	...	...	...	...	...	...	...	...	...	...	...	46	40	...	...	...	0.0
	Plymouth ... 82	...	984.9	+2	W	4	bc	44	75	7	...	...	...	986.5	...	...	...	...	...	...	...	...	...	...	...	...	...	49	40	35	...	...	0.3
	The Lizard ... 240	...	984.7	-2	WSW	6	bc	42	92	7	...	...	...	986.8	...	...	...	...	...	...	...	...	...	...	...	...	...	51	40	...	...	...	3.0
	Scilly (St. Mary's) ... 163	...	984.0	+2	WSW	5	bc	43	85	7	...	...	...	985.4	...	...	...	...	...	...	...	...	...	...	...	...	...	51	41	...	...	...	3.7
	Guernsey ... 175	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Pembroke ... 142	...	982.3	0	WNW	3	bc	42	92	7	...	...	...	983.8	...	...	...	...	...	...	...	...	...	...	...	...	...	48	39	...	...	...	0.3
	Holyhead ... 26	...	982.6	+2	E	7	bc	32	97	4	...	...	...	985.6	...	...	...	...	...	...	...	...	...	...	...	...	...	35	30	30	...	...	0.0
	Chester (Sealand) ... 16	...	985.4	-20	E	1	bc	30	92	3	...	...	...	985.6	...	...	...	...	...	...	...	...	...	...	...	...	...	30	30	29	...	...	0.0
	Manchester ... 70	...	985.1	-34	E	5	bc	32	85	5	...	...	...	984.5	...	...	...	...	...	...	...	...	...	...	...	...	...	29	29	29	...	...	0.0
10	Spurn Head ... 29	...	985.6	-30	ESE	7	bc	33	97	6	...	...	...	992.3	...	...	...	...	...	...	...	...	...	...	...	...	...	32	29	...	...	...	0.0
	Catterick ... 175	...	992.3	-26	E	4	bc	29	85	4	...	...	...	989.6	...	...	...	...	...	...	...	...	...	...	...	...	...	29	27	...	...	...	0.0
	Tynemouth ... 108	...	994.6	-24	E	6	bc	36	75	7	...	...	...	993.0	...	...	...	...	...	...	...	...	...	...	...	...	...	35	32	30	...	...	...	
11	St. Abbs Head ... 280	...	994.5	-16	SE	6	bc	35	75	7	...	...	...	994.0	...	...	...	...	...	...	...	...	...	...	...	...	...	35	32	...	...	...	0.4
	Leuchars ... 36	...	997.0	-6	E	8	bc	34	75	3	...	...	...	995.8	...	...	...	...	...	...	...	...	...	...	...	...	...	34	30	28	...	...	3.2
12	Renfrew (Abbots I.) ... 19	...	994.0	-14	E	4	bc	32	75	5	...	...	...	994.6	...	...	...	...	...	...	...	...	...	...	...	...	...	31	30	27	...	...	0.0
	Eskdalemuir ... 794	...	...	...	...	...	...	...	...	...	...	...	...	992.4	...	...	...	...	...	...	...	...	...	...	...	...	...	31	24	23	...	...	0.0
	Point of Ayre ... 30	...	987.3	-8	SE	7	bc	32	97	7	...	...	...	989.1	...	...	...	...	...	...	...	...	...	...	...	...	...	34	30	...	...	...	0.0
13a	Tiree ... 22	...	...	...	...	...	...	...	...	...	...	...	...	995.1	...	...	...	...	...	...	...	...	...	...	...	...	...	32	31	...	...	...	4.7
13b	Stornoway ... 80	...	1003.3	-4	E	8	bc	33	97	7	...	...	...	1002.5	...	...	...	...	...	...	...	...	...	...	...	...	...	43	31	...	...	...	3.5
15	Dalwhinnie ... 1176	...	...	...	...	...	...	...	...	...	...	...	...	996.2	...	...	...	...	...	...	...	...	...	...	...	...	...	25	22	...	...	...	4.8
	Aberdeen ... 79	...	...	...	...	...	...	...	...	...	...	...	...	1000.3	...	...	...	...	...	...	...	...	...	...	...	...	...	34	30	30	...	...	0.1
	Wick ... 81	...	1004.1	-8	E	8	bc	33	85	7	...	...	...	1003.1	...	...	...	...	...	...	...	...	...	...	...	...	...	36	30	...	...	...	...
	Lerwick ... 156	...	1010.2	-14	E	5	bc	32	85	8	...	...	...	1008.6	...	...	...	...	...	...	...	...	...	...	...	...	...	34	29	...	...	...	0.3
17	Blackad Point ... 18	...	984.0	-2	E	6	bc	35	92	7	...	...	...	984.5	...	...	...	...	...	...	...	...	...	...	...	...	...	39	34	...	...	...	0.1
	Malin Head ... 84	...	989.2	-12	ESE	7	bc	36	85	6	...	...	...	991.4	...	...	...	...	...	...	...	...	...	...	...	...	...	37	33	...	...	...	0.0
	Aldergrove ... 268	...	986.4	-6	E	6	bc	32	92	4	...	...	...	989.5	...	...	...	...	...	...	...	...	...	...	...	...	...	33	29	29	...	...	0.0
19	Birr Castle ... 173	...	982.1	0	NNE	1	bc	32	97	8	...	...	...	984.1	...	...	...	...	...	...	...	...	...	...	...	...	...	30	31	29	...	...	0.0
	Valentia Obay. ... 30	...	977.9	-6	SE	3	bc	31	92	6	...	...	...	976.4	...	...	...	...	...	...	...	...	...	...	...	...	...	46	37	36	...	...	0.9
	Roches Point ...																																				

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Monday 20th January 1941.
No. 28914

OBSERVATIONS at 13h. G.M.T. 19th January														OBSERVATIONS at 18h. G.M.T. 19th January														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
STATIONS.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visib. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.					Barom. at M.S.L. (29)	Change in 3 hours. (30)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. Low 0-10 Total 0-10 (24) (25)					Height of Base. (feet) (26)	State of Ground. 0-9 (28)	Sea. 0-9 (29)	7h.-13h. 19th (37)	13h.-18h. 19th (38)			18h.-19h. 19th (39)	19h.-7h. 20th (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
(For heights see p. 4.)	mb.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

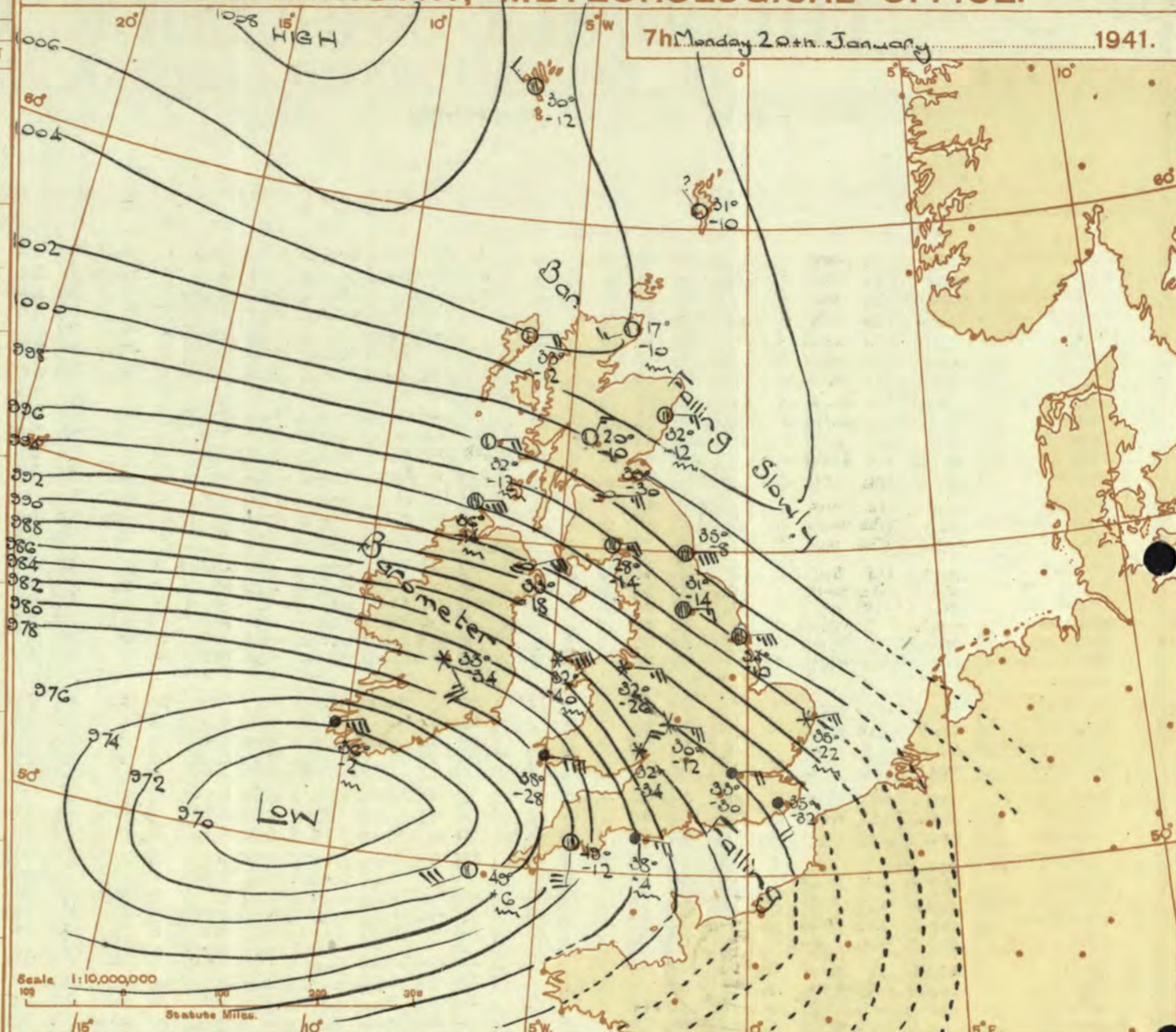
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 18th January	15h. G.M.T.	01h. G.M.T. 20th January	07h. G.M.T.
III C ₁ C ₂ wwVhN ₁ DDFWN	C ₁ C ₂ wwVhN ₁ DDFWN	C ₁ C ₂ wwVhN ₁ DDFWN	C ₁ C ₂ wwVhN ₁ DDFWN
108- 10865 08585 30 01863 08483 00 05690 22110 53 00962 20202			
1187 83734 41687 37 83834 08545			
203			
2056 01854 42484 34 01853 41483 00 00890 41410 80 00851 08101			
219- 10844 11484 36 00843 09303			
220			
2386 26865 07875 86 00853 06383 50 00851 42601 50 00951 41401			
2406 83837 41787 3- 83647 41887 8- 02765 42785 80 01863 41683			
260			
2757 02866 07527 74 00841 41522 01 02790 07528 51 02864 08628			
2761 83734 41675 50 00752 08512 -- 05653 08513 57 02756 41728			
285			
286- 72538 06578 3- 83547 05477 5- 05548 08388 5- 26648 07488			
273			
305- 72756 06577 50 05654 08514 51 05654 08615 52 78545 41778			
3262 78526 37678 5- 05658 01328 5- 05558 38428 5- 71658 40528			
295- 74448 43878 5- 87648 07788 5- 87648 07788 8- 26648 07888			
2922 72548 04578 52 71646 04378 5- 05648 08478 57 02757 41628			
310			
3162 52538 32478 02 03538 32428 5- 03548 04428 02 72438 41578			
338 00680 06470 57 05656 06627 5- 36448 40928 5- 36448 41-28			
334			
3452 71546 30378 5- 05548 04328 5- 05658 05428 5- 05658 40678			
1302 74538 18378			
336			
3505 02x55 22426			
363- 02767 00027			
379			
3905- 41428 22408 5- 05548 22418 5- 08447 06428 52 68437 08378			
3857 23667 24378 5- 05548 32228 02 74438 07428 02 68438 07478			
438 5001743 23513			
43020 00342 22212 07 08490 30427 6- 62438 12368 6- 64438 41568			
40913 01753 16215 87 62755 16528 02 64528 43868 5- 52638 16668			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Mb.
1060
1040
1020
1000
980
960
940
920
900
880
860
840
820
800
780
760
740
720
700
680
660
640
620
600
580
560
540
520
500
480
460
440
420
400
380
360
340
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
-20
-40
-60
-80
-100
-120
-140
-160
-180
-200
-220
-240
-260
-280
-300
-320
-340
-360
-380
-400
-420
-440
-460
-480
-500
-520
-540
-560
-580
-600
-620
-640
-660
-680
-700
-720
-740
-760
-780
-800
-820
-840
-860
-880
-900
-920
-940
-960
-980
-1000

DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Monday 20th Jan., 1941.

1 S.E. England	Strong E. winds, gale locally, veering S. or S.W. later; dull and rainy at first, bright intervals and showers later; cold at first, becoming mild
2 E. England ...	
3 E. Midlands ...	Strong E. winds, gale locally, veering S. or S.W. later; snow at first, turning to rain; mainly fair later; cold at first, becoming milder
4 W. Midlands ...	
5 S.W. England	Strong S. to S.W. winds, gale locally; occasional showers; bright intervals; mild.
6 South Wales ...	
7 North Wales ...	As 2-4.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Fresh to strong easterly wind, gale locally on coasts; cloudy, with snow spreading northwards; cold
13 { A. W. Scotland. B.N.W. Scotland.	
14 Mid Scotland	Variable winds becoming easterly and freshening; fair at first, occasional snow later; cold.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	Strong east wind, gale locally; widespread snow, gradually turning to rain; cold, becoming milder.
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A deep depression centred south of Ireland is beginning to fill up with little movement, while an associated trough will move northwards to Northern England in 24 hrs. Ahead of the trough there will be rain in the South and snow in other districts, while behind it there will be mild weather with showers and bright intervals. Strong winds or gales will occur in most districts. Rather mild weather will persist for some days over most of England and Wales.

FURTHER OUTLOOK.

Unsettled, with occasional rain in the South and snow in Scotland; milder in England, Wales and Ireland, continuing cold in Scotland.
Warning of gales in operation in districts 1, 2, 5, 6, 7, 8, 10, 12, 17, 18, 19 & 20.
Times of Issue 1350h 18/1/41, 2300h 18/1/41, 1800h 19/1/41, 2140h 19/1/41, 0730h 20/1/41.

Forecasts issued at 1030h G.M.T.

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

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

270/3584. Wk. 8040. 2.3705. 6p. 248. 5500 1/41

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. 20th January															OBSERVATIONS at 7 hr. G.M.T. 20th January													PAST 24 HOURS.														
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.			SUN-SHINE Hrs. (36)					
					Direc. (3)	Force. (4)					Low. (9)	Med. (10)	High (11)	Low (12)	Total (13)			Height of Base. (feet) (14)	Direc. (17)					Force. (18)	Low (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	30.2	-0.2	S	4	pc	32	97	6	-	2	10	10	1200	30.2	-0.2	E	5	pc	34	97	5	6	2	10	10	1500	6	*	40	31	24	Tr	3	0.2						
	Croydon ... 217	226	30.2	-0.2	ENE	4	pc	32	97	4	-	2	10	10	1000	30.2	-0.2	E	4	pc	33	97	5	5	2	10	10	1000	6	*	41	30	23	Tr	2	0.2						
	S. Farnborough ... 226	417	30.1	-0.3	ENE	4	pc	32	97	4	-	2	10	10	800	30.1	-0.3	E	5	pc	33	97	4	5	2	10	10	800	8	*	41	32	30	Tr	4	0.3						
	Boscombe Down ... 417	8	30.1	-0.3	ENE	4	pc	32	97	4	-	2	10	10	800	30.1	-0.3	E	5	pc	33	97	4	5	2	10	10	800	8	*	42	31	23	Tr	4	0.3						
	Calshot (Stmntn.) ... 8	346	30.5	-0.5	SE	3	pc	33	92	6	-	2	10	10	1500	30.5	-0.5	SE	4	pc	35	97	4	6	2	10	10	200	1	*	43	32	30	Tr	3	3.0						
	Lympne ... 346	154	30.4	-0.4	ENE	1	pc	32	88	4	-	2	10	10	1200	30.4	-0.4	E	4	pc	37	92	4	6	2	10	10	400	1	*	43	31	28	Tr	2	*						
2	Shoeburyness ... 11	15	30.5	-0.2	E	3	pc	34	97	4	-	2	10	10	1000	30.5	-0.2	E	4	pc	35	97	6	6	2	10	10	450	4	*	43	30	28	Tr	2	1.2						
	Felixstowe ... 15	5	30.6	+0.4	NE/E	4	pc	36	75	6	-	2	10	10	1500	30.6	+0.4	NE/E	5	pc	35	82	5	6	2	10	10	700	4	*	38	31	28	Tr	0.6	0.4						
	Gorleston ... 5	19	30.5	-0.3	ENE	4	pc	33	92	6	-	2	10	10	1200	30.5	-0.3	E	5	pc	33	97	5	5	2	10	10	800	6	*	39	31	23	Tr	2	0.3						
	Mildenhall ... 19	240	30.7	-0.1	E	4	pc	31	92	5	-	2	10	10	800	30.7	-0.1	E	5	pc	31	97	5	5	2	10	10	1000	8	*	38	32	23	Tr	0.3	0.1						
	Cranwell ... 240																																									
3	Birmingham ... 535	408	30.7	-0.7	E	4	pc	32	92	5	-	2	10	10	600	30.7	-0.7	E	5	pc	32	97	4	6	2	10	10	450	5	*	32	30	30	Tr	0.3	2						
	Upper Heyford ... 408	223	30.7	-0.7	E	4	pc	32	92	5	-	2	10	10	600	30.7	-0.7	E	5	pc	32	97	4	6	2	10	10	500	8	*	33	31	23	Tr	2	*						
4	Ross-on-Wye ... 223																																									
5	Hartland Point ... 299	209	30.7	-0.7	ENE	8	pc	38	97	7	2	-	7-8	10	1500	30.7	-0.7	ESE	5	pc	38	97	8	5	2	10	10	2000	1	4	46	36	35	Tr	6	3.8						
	Bristol ... 209	32	30.3	-0.3	E	4	pc	32	97	4	-	2	10	10	700	30.3	-0.3	ESE	4	pc	34	97	4	5	2	10	10	700	6	*	38	32	31	Tr	0.5	0.9						
	Portland Bill ... 32	82	30.6	-0.6	SE	6	pc	40	85	7	5	-	10	10	2500	30.6	-0.6	ESE	5	pc	38	92	7	5	2	10	10	2500	1	4	47	36	*	Tr	1.9	3.7						
	Plymouth ... 82	240	30.3	-0.3	SE/E	6	pc	39	97	5	-	2	10	10	600	30.3	-0.3	E	5	pc	40	92	6	5	2	10	10	2500	1	4	47	36	*	Tr	1.9	3.7						
	The Lizard ... 240	163	30.4	-0.4	SSW	5	pc	40	97	7	2	-	9	10	1500	30.4	-0.4	SW	7	pc	40	85	8	8	6	10	10	2500	1	6	40	40	*	Tr	1.3	3.0						
	Scilly (St. Mary's) ... 163	175	30.4	-0.4	S	6	pc	51	85	6	5	2	4-6	10	1200	30.4	-0.4	SW	6	pc	40	85	7	8	6	10	10	1500	1	5	40	42	*	Tr	1.2	2.7						
	Guernsey ... 175																																									
6	Pembroke ... 142	26	30.2	-0.2	E	8	pc	35	97	6	-	2	10	10	2000	30.2	-0.2	E	5	pc	32	97	4	6	2	10	10	1400	7	6	37	31	31	Tr	0.3	0.5						
7	Holyhead ... 26	16	30.2	-0.2	E	8	pc	35	97	6	-	2	10	10	2000	30.2	-0.2	E	5	pc	32	97	4	6	2	10	10	1400	7	6	37	31	31	Tr	0.3	0.5						
	Chester (Sealand) ... 16	70	30.5	-0.5	E	3	pc	33	85	6	5	2	7-8	10	2600	30.5	-0.5	E	5	pc	32	92	5	6	2	10	10	2000	5	*	33	30	26	Tr	1	0.0						
8	Manchester ... 70		30.5	-0.5	ENE	6	pc	33	97	6	5	2	4-6	10	1200	30.5	-0.5	ENE	6	pc	33	97	6	5	2	10	10	1400	8	*	35	32	27	Tr	0.5	0.0						
10	Spurn Head ... 29	175	30.6	-0.6	E	3	pc	34	92	7	5	-	10	10	1500	30.6	-0.6	E	3	pc	34	92	7	5	2	10	10	1500	7	5	33	32	*	Tr	1	0.0						
	Catterick ... 175	108	30.4	-0.4	E	3	pc	34	92	7	6	-	10	10	1500	30.4	-0.4	E	3	pc	34	92	7	6	2	10	10	1500	7	5	33	32	*	Tr	1	0.0						
	Tynemouth ... 108																																									
11	St. Abbs Head ... 280	36	30.3	-0.3	E	7	pc	34	97	7	8	-	4-6	10	2500	30.3	-0.3	E	7	pc	34	97	8	4	3	10	10	2500	4	5	36	32	*	Tr	1	0.7						
	Leuchars ... 36	19	30.3	-0.3	E	7	pc	34	97	7	8	-	4-6	10	2500	30.3	-0.3	E	7	pc	34	97	8	4	3	10	10	2500	4	5	36	32	*	Tr	1	0.7						
12	Renfrew (Abbots L.) ... 19	794	30.3	-0.3	E	7	pc	34	97	7	8	-	4-6	10	2500	30.3	-0.3	E	7	pc	34	97	8	4	3	10	10	2500	4	5	36	32	*	Tr	1	0.7						
	Eskdalemuir ... 794	30	30.3	-0.3	E	7	pc	34	97	7	8	-	4-6	10	2500	30.3	-0.3	E	7	pc	34	97	8	4	3	10	10	2500	4	5	36	32	*	Tr	1	0.7						
	Point of Ayre ... 30																																									
13A	Tiree ... 22	1006	30.3	-0.3	E	7	pc	34	97	7	8	-	4-6	10	2500	30.3	-0.3	E	7	pc	34	97	8	4	3	10	10	2500	4	5	36	32	*	Tr	1	0.7						
13B	Stornoway ... 22	117																																								

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

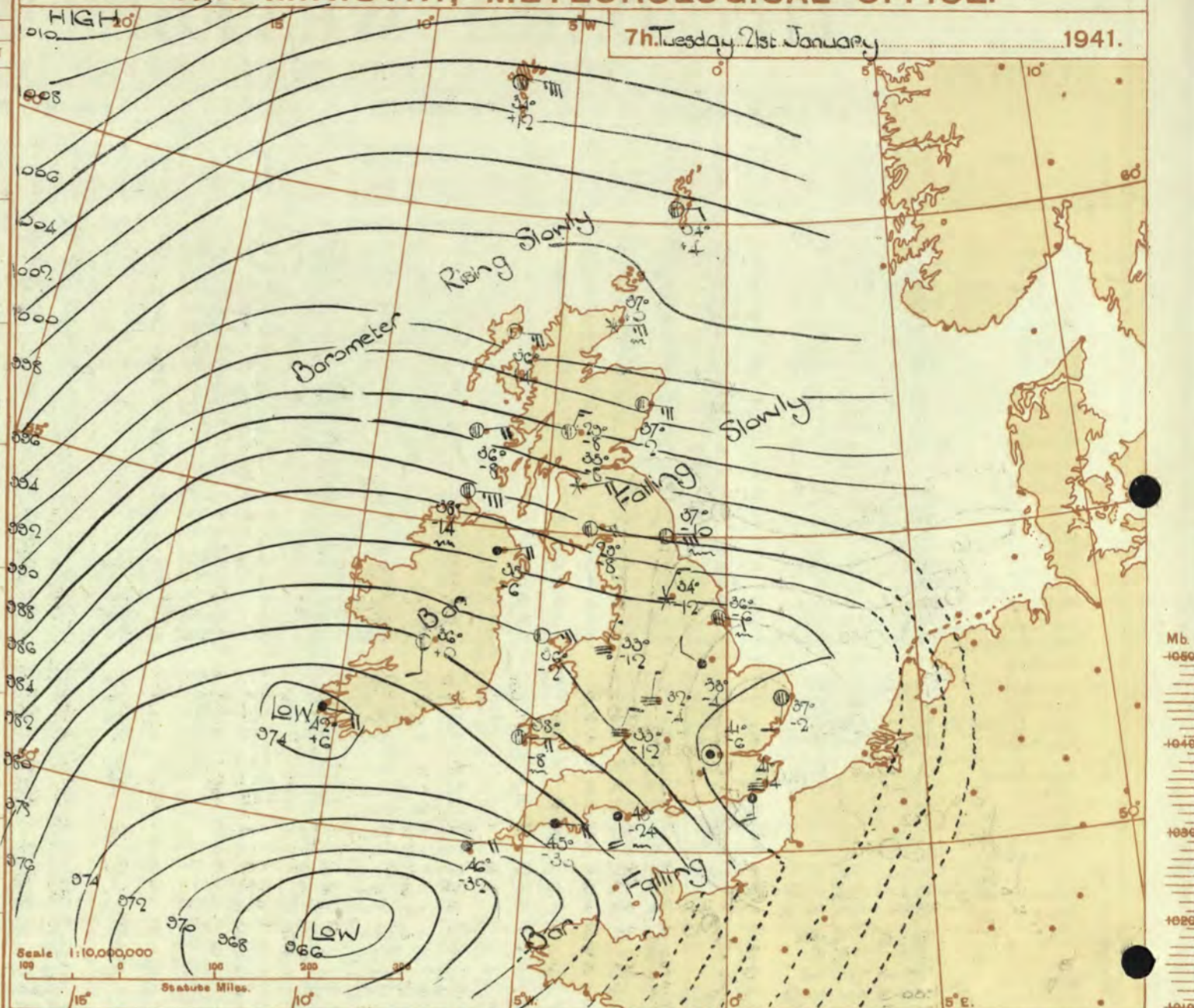
Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 20th Jan	18h. G.M.T.	01h. G.M.T. 21st Jan	07h. G.M.T.
III C _M wwVhN _h DDFWN	C _M wwVhN _h DDFWN	C _M wwVhN _h DDFWN	C _M wwVhN _h DDFWN
100- 10363 22183	00 00830 00010	50 05361 00001	86 02764 19415
115	51 01951 12213	51 01953 08214	51 01853 08314
203			
206 00 00830 00000	50 00762 00002	00 00730 00000	80 01764 41414
210 10 00851 12101	50 00862 16102	5- 01764 00004	53 01864 09415
220 20 01953 09403	40 01762 08402		
230 50 01963 41514	50 01963 41413	5- 02848 41518	57 02864 41518
245 2- 02955 08625	40 00953 41723	50 01853 41723	87 02864 41726
260 80 01763 08414	87 01654 06514	5- 68568 08478	5- 21650 08568
277 57 02855 41727	02 41728 87633	5- 02768 08578	5- 02867 07527
279 57 1855 41778	52 71745 41578		5- 05647 41677
285 2- 72538 06678	2 74338 06678		-2 72438 06578
288 5- 78758 30588	02 72548 06478	02 58448 06478	02 68448 06478
273			55 72544 08778
301 52 05645 42778	52 05656 41628	62 62646 08478	53 05644 09466
321 02 74548 40578	02 68548 07578	02 72438 06328	
299	8- 68546 07878	6- 64438 08778	5- 62538 07668
290 02 72538 07478	02 53438 30478	02 68438 08478	02 21638 06378
310 - 78428 04848	-- 78428 04878		-- 46209 04449
316 02 78428 30478	02 77338 05478	02 68438 04378	02 57238 32278
333 5- 23647 41977	02 61658 41628	50 05655 40525	07 05690 07415
334			
340 52 36535 41778	5- 74438 40778	02 68338 00078	5- 08448 00028
136 5- 72528 06578	5- 68528 08478	-- 57209 07379	-- 44209 18159
386 - 77309 08579	-- 77309 12579		-- 42309 23449
350 02 71520 0256-			
368 5- 62538 07568			
378 - 67309 10429	6- 67308 08368	-- 46109 08249	-- 46109 08249
390	02 57328 07468	5- 05546 16368	-- 67109 00049
385 5- 52538 06458	02 62538 07468	5- 41447 21247	5- 67108 03368
438 5- 67129 00149			5- 57109 16459
430 52 64636 06168	82 25535 14388	50 05690 18212	02 63448 16368
406 62 61745 16558	57 02743 14366	07 05690 14466	52 64144 07368

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 21st January 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Tuesday 21st Jan 1941.

1 S.E. England	Light or moderate S.E. wind, fresh locally on coast, veering somewhat later; cloudy, rain at times, some local breaks later; local mist or fog inland; thaw continuing
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh S.E. wind, becoming S.W. or variable; mainly cloudy, rain at times; rather mild.
6 South Wales ...	
7 North Wales ...	Moderate or fresh E. wind, strong at times locally; cloudy; rain at times; thaw continuing
8 N.W. England	
9 N. Midlands ...	Fresh or strong E. wind, gale locally on coast; some sleet or rain, snow on hills; less cold than of late.
10 N.E. England	
11 S.E. Scotland	Fresh or strong E. wind, gale locally on coast; cloudy, showers of snow, hail or sleet; less cold than of late.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland. B.N.W. Scotland.	Fresh E. wind; fair; less cold.
14 Mid Scotland	As 11-12
15 N. E. Scotland	
16 Orkneys and Shetlands	Freshening E. wind; wintry showers; cold.
17 N. W. Ireland	As 11-12.
18 N. E. Ireland	
19 S. E. Ireland	As 6-7.
20 S. W. Ireland	

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

GENERAL INFERENCE.

A deep depression off the Western English Channel is moving slowly N.E., while pressure remains highest north of Iceland. Rain and thaw will continue over most of England, Wales and Ireland, but in Scotland and the extreme North of England there will be further snow at times on high ground though only sleet on low ground. Fog will occur locally at first in the Midlands and Wash area, and visibility will continue poor in that area.

FURTHER OUTLOOK.

No great change.

▼ Gale warning in operation in districts 7, 8, 10, 11, 12, 17 & 18.

Times of issue: - 1350 + 2300 on 18/1/1941, and 1000 on 20/1/1941

Forecasts issued at 1030h G.M.T.

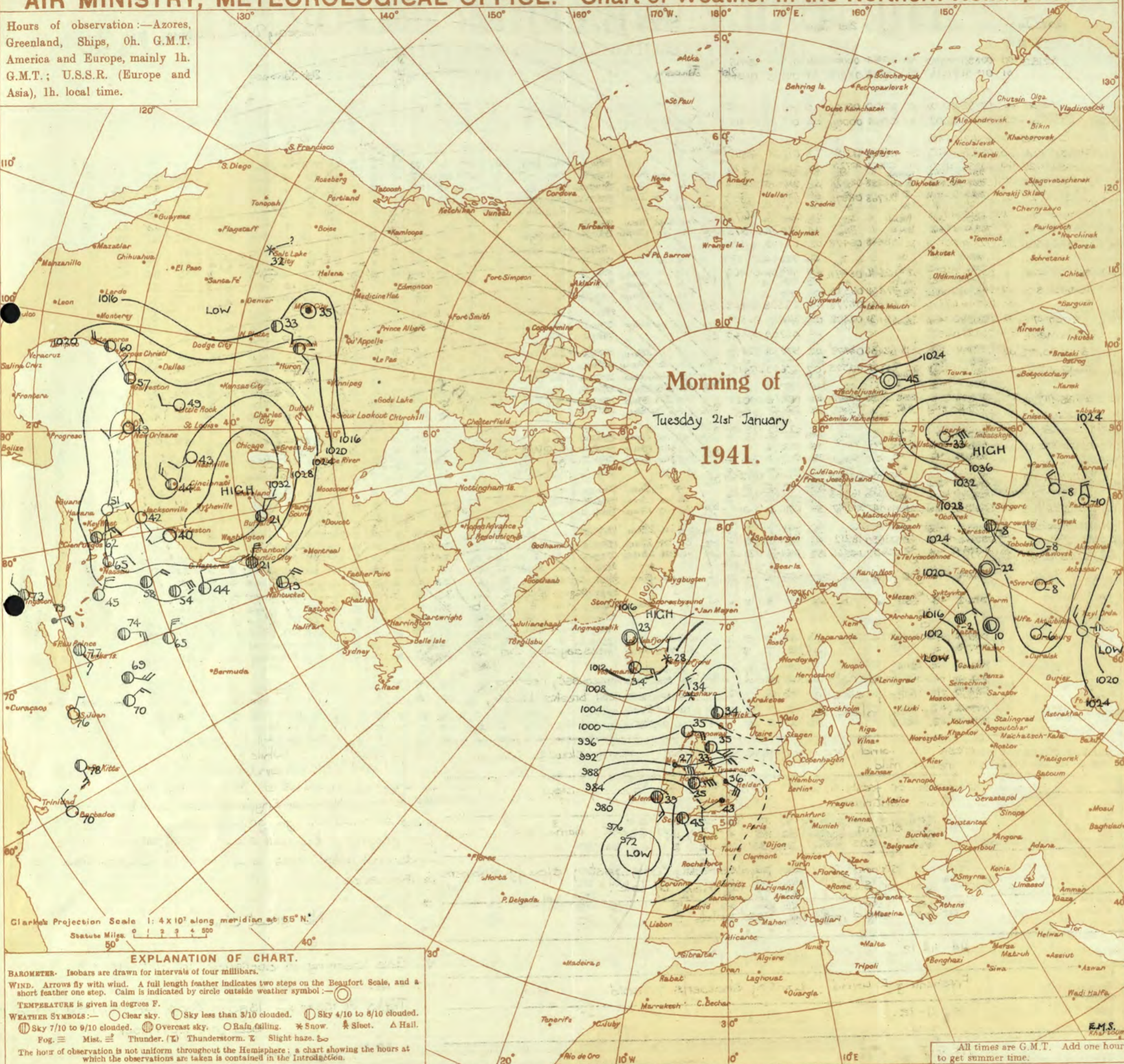
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

210/3304, W. 5045, D. 3708, G. 248, 3500, 1/41

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

Tuesday 21st January 1941.

No. 28, 915

OBSERVATIONS at 1 hr. G.M.T. 21st January														OBSERVATIONS at 7 hr. G.M.T. 21st January														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.					RAINFALL.		SUNSHINE 24th Hrs. (36)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Total 0-10 (12)	Direc. (17)			Force. 0-12 (18)	Form. (23)					Amount. (24)	Height of Base. (feet) (25)	Total 0-10 (26)	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Croydon	217	381.3	+1.4	WSW	1	id	43	37	6				10	1000	380.1	-1.6	ENE	2	rr	41	32	4	6	2	-	7-8	10	1500	1	*	37	37	36	15	2	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

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Page 1.

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Wednesday 22nd January 1941.
No. 28,216.

OBSERVATIONS at 13h. G.M.T. 21st January														OBSERVATIONS at 18h. G.M.T. 21st January														PAST 24 HOURS.							
DIRECTION.	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. 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. 21st.	13h.—18h. 21st.	18h.—21st. 21st.	1h.—7h. 22nd.
1	London (Kew)...	976.4	-10	SE	3	0/r	45	92	6	5	-	-	10	10	1500	975.0	-6	SE	3	0/r	46	92	6	5	-	10	10	1500	1	3	crf	cm	cm	cm	cm
	Croydon ...	976.5	-26	SE	3	0/r	44	97	6	6	2	-	7.8	10	600	974.7	-8	S	3	0/r	45	97	4	6	2	-	9.7	10	1000	1	3	crf	cm	cm	cm
	S. Farnborough	975.6	-30	SE	3	0/r	44	97	6	6	2	-	7.8	10	800	974.1	-4	SW	4	0/r	46	92	6	6	2	-	9.7	10	900	2	3	crf	cm	cm	cm
	Boscombe Down	974.5	-34	SE	5	0/r	42	97	6	5	2	-	7.8	10	1000	972.8	-8	SE	5	0/r	44	97	5	6	2	-	7.8	10	450	1	3	crf	cm	cm	cm
	Calshot (Soton.)	973.5	-30	SE	5	0/r	42	92	6	6	2	-	9	10	800	973.6	+6	SW	5	0/r	44	95	7	5	7	-	9	10	1000	1	5	crf	cm	cm	cm
	Lympne	973.2	-26	ESE	3	0/r	42	97	6	6	2	-	2.3	10	100	978.2	+2	WSW	6	0/r	43	97	6	6	2	-	4.6	10	500	4	3	crf	cm	cm	cm
	Manston	973.1	-18	SE	4	0/r	43	92	6	5	2	-	4.6	10	800	977.9	-2	SE	3	0/r	42	97	5	5	7	-	9	10	1600	1	3	crf	cm	cm	cm
2	Shoeburyness ...	979.1	0	SE	2	0/r	41	97	5	5	-	-	10	10	800	977.5	+4	SE	3	0/r	42	97	5	5	-	-	10	10	800	1	3	crf	cm	cm	cm
	Felixstowe	979.7	-13	SE	3	0/r	39	97	5	5	2	-	10	10	2000	978.3	-6	SE	3	0/r	40	97	4	6	-	-	10	10	1200	1	3	crf	cm	cm	cm
	Gorleston	981.8	-10	SE	3	0/r	39	97	5	6	-	-	10	10	800	980.0	-8	SE	4	0/r	40	97	4	6	-	-	10	10	800	1	3	crf	cm	cm	cm
	Mildenhall	976.9	-13	ESE	3	0/r	39	97	4	5	-	-	10	10	300	976.8	-8	SE	4	0/r	40	97	4	6	-	-	10	10	400	4	3	crf	cm	cm	cm
	Cranwell	979.7	-18	ESE	3	0/r	33	85	2	-	-	-	10	10	450	976.9	-10	ESE	4	0/r	36	97	1	-	-	-	10	10	450	6	3	crf	cm	cm	cm
3	Birmingham	977.5	-16	NE	2	0/r	33	97	2	5	-	-	10	10	450	975.4	-10	ESE	3	0/r	34	97	1	-	-	-	10	10	450	9	3	crf	cm	cm	cm
	Upper Heyford	976.9	-30	NE	3	0/r	35	97	2	5	-	-	10	10	450	973.9	-16	E	3	0/r	39	97	1	-	-	-	10	10	450	6	3	crf	cm	cm	cm
4	Ross-on-Wye ...	975.2	-40	ESE	3	0/r	34	97	4	-	-	-	10	10	450	972.0	-20	E	3	0/r	36	97	3	5	-	-	10	10	450	6	3	crf	cm	cm	cm
5	Hartland Point	971.1	-24	NE	3	0/r	35	97	7	5	2	-	7.8	10	1500	968.7	-10	NE	3	0/r	41	97	6	5	2	-	7.8	10	1500	1	3	crf	cm	cm	cm
	Bristol ...	973.6	-38	ESE	3	0/r	36	97	5	5	2	-	10	10	300	970.7	-18	SE	2	0/r	41	97	3	5	2	-	10	10	400	1	3	crf	cm	cm	cm
	Portland Bill	971.8	-30	SE	5	0/r	44	92	6	5	-	-	10	10	1500	971.7	+6	S	4	0/r	43	92	6	5	-	-	10	10	1500	1	3	crf	cm	cm	cm
	Plymouth	969.4	-30	ESE	3	0/r	45	97	6	6	2	-	9.7	10	400	969.4	+8	S	3	0/r	46	97	5	6	2	-	2.3	10	100	1	3	crf	cm	cm	cm
	The Lizard	969.3	-14	SE	4	0/r	47	97	5	5	-	-	10	10	1000	968.8	+4	WSW	4	0/r	46	97	8	8	2	-	9	10	1500	1	3	crf	cm	cm	cm
	Scilly (St. Mary's)	968.7	-18	-	0	0/r	47	97	5	6	2	-	7.8	10	500	969.2	+10	NW	4	0/r	46	97	6	6	2	-	4.6	10	500	1	3	crf	cm	cm	cm
	Guernsey																																		
6	Pembroke	973.4	-20	NE	5	0/r	38	97	6	8	2	-	7.8	10	2000	970.3	-8	NE	4	0/r	38	92	7	8	2	-	7.8	10	2000	1	3	crf	cm	cm	cm
7	Holyhead	976.6	-13	ESE	7	0/r	37	85	4	5	-	-	10	10	500	974.6	-14	ESE	6	0/r	38	92	4	-	-	-	10	10	450	1	3	crf	cm	cm	cm
	Chester (Sealand)	978.1	-26	NE	1	0/r	36	85	4	5	-	-	10	10	1200	975.4	-18	NE	3	0/r	36	92	3	-	-	-	10	10	3000	6	3	crf	cm	cm	cm
8	Manchester	978.5	-22	NE	4	0/r	37	92	4	5	-	-	10	10	600	976.0	-16	NE	4	0/r	37	97	3	-	-	-	10	10	400	2	3	crf	cm	cm	cm
10	Spurn Head	980.5	0	ESE	3	0/r	35	97	1	-	-	-	*	*	450	978.4	-6	SE	5	0/r	37	97	5	5	-	-	10	10	800	0	4	crf	cm	cm	cm
	Catterick	982.1	-18	N/E	2	0/r	35	97	4	-	-	-	10	10	800	980.3	-4	NE	3	0/r	35	97	4	-	-	-	10	10	400	6	3	crf	cm	cm	cm
	Tynemouth	984.2	-12	ESE	7	0/r	37	85	7	6	-	-	10	10	1200	981.3	-8	E	6	0/r	40	92	6	6	-	-	10	10	1200	1	6	crf	cm	cm	cm
11	St. Abbs Head	986.9	-10	E	6	0/r	36	92	6	5	2	-	7.8	10	2000	984.8	-6	E	6	0/r	37	97	6	5	-	-	10	10	2000	1	5	crf	cm	cm	cm
	Leuchars	988.2	-12	NE	7	0/r	36	92	6	5	-	-	10	10	600	987.3	-6	ESE	7	0/r	35	92	6	5	2	-	9	10	450	4	3	crf	cm	cm	cm
12	Renfrew (Abbots L.)	986.3	-12	E/N	5	0/r	35	92	5	5	2	-	9.7	10	1600	984.8	-4	E	4	0/r	36	85	7	5	-	-	10	10	1500	1	3	crf	cm	cm	cm
	Eskdalemuir	1002.6	-26	ESE	6	0/r	34	92	6	5	-	-	9.7	9.7	1500	981.4	-4	ESE	6	0/r	34	97	6	5	-	-	10	10	450	6	3	crf	cm	cm	cm
	Point of Ayre	979.8	-22	E/N	5	0/r	38	85	7	5	7	3	4.6	9.7	2500	978.0	-6	E/N	6	0/r	39	85	7	5	7	7	4.6	10	2500	1	5	crf	cm	cm	cm
13A	Tiree	987.7	-4	ESE	5	0/r	33	85	8	5	-	-	9.7	9.7	2500	986.3	-4	NE	5	0/r	38	75	7	5	-	-	10	10	2100	-	4	crf	cm	cm	cm
13B	Stornoway	994.2	-4	E	7	0/r	38	85	8	5	6	2.3	9.7	2500	994.2	-2	E	7	0/r	37	97	7	5	7	-	9	9.7	2000	7	4	crf	cm	cm	cm	
15	Dalwhinnie	991.0	-2	NE	4	0/r	30	85	7	8	-	-	7.8	9	2500	989.5	-4	NE	4	0/r	30	85	6	5	-	-	10	10	1500	8	3	crf	cm	cm	cm
	Aberdeen	992.1																																	

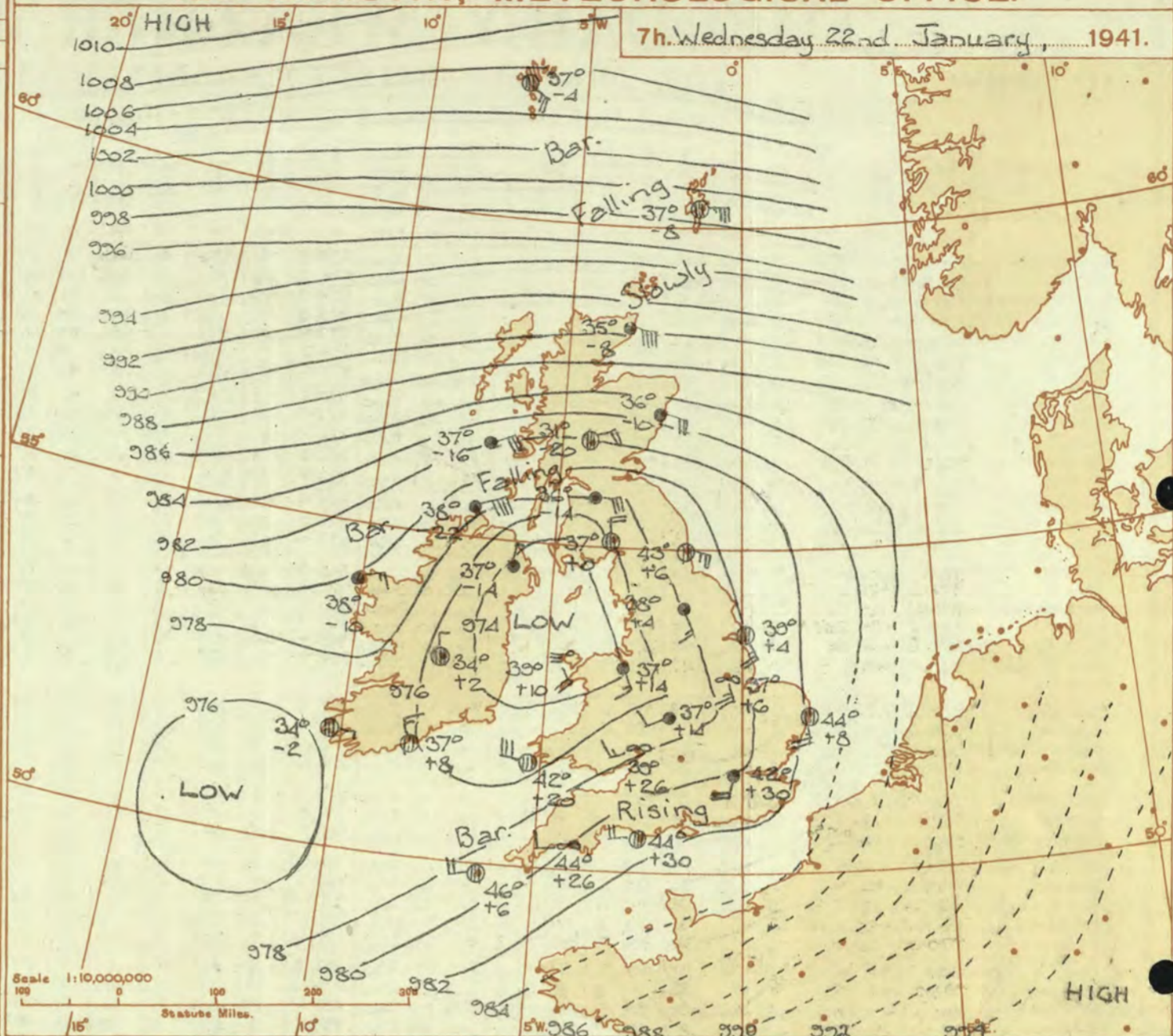
Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 1st January 1941				18h. G.M.T.				01h. G.M.T. 22nd January 1941				07h. G.M.T.			
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN		C _M	wwVhN _h	DDFWN		C _M	wwVhN _h	DDFWN	
10833	0867	00527		52	27768	40688		8-	78658	08788		52	88735	41888	
115				52	14834	41727		52	88735	37888		52	88735	41888	
203															
20677	02864	41526		52	61745	41775		5-	62638	41668		6-	62638	41568	
21087	02854	41626		5-	68648	41778		5-	62638	41878		5-	68638	41878	
22033	02064	08515		53	02644	09716						6-	65538	08768	
23057	02867	41517		5-	61757	39327		52	61754	39568		57	22855	37668	
2455-	68648	40878		5-	68638	39878		5-	69448	41978		5-	66448	41878	
26052	58638	06478		5-	62538	41568		02	64538	39568		02	61538	08468	
27520	02856	07528		57	02865	40527		5-	58758	07568		52	64647	08568	
27967	02744	41626		5-	02748	38728		**	62538	39768		52	63745	07567	
285-2	11538	08578		-2	68538	04568						--	67000	08568	
2882	52438	04468		02	62438	06268		02	52538	05368		5-	22656	12366	
273															
3052	05647	07428						5-	58648	10368		02	52538	14468	
321-	48109	22149		--	67209	04209		02	61338	12368		5-	22468	14368	
299				6-	66538	10568		5-	05538	14568		57	05644	12416	
2922	51428	31258		62	64528	08368		62	62416	09368		32	22548	10368	
310-	46109	08549		--	67109	08549									
316-	44269	04149		--	67309	04369		02	45348	10358		02	51438	14358	
33357	02763	08428		0	64638	04268		62	64538	00068		5-	05648	18458	
334															
3405-	05538	06128		02	62538	04468		02	64538	45568		52	64446	14568	
136-	46109	12269		5-	67318	11368		50	05572	14362					
336-	77409	12379		--	77409	04379						--	42409	12349	
350												5-	52548	18468	
368															
3796-	67108	05368						--	57109	10369		6-	62428	20368	
390-	67309	12369		53	64427	12268		5-	05657	14467		52	51548	16468	
382-	67309	06369		62	22526	10368		5-	05648	14568		52	62646	20368	
488	02645	06465										3-	10748	20428	
43062	62624	6268		52	21645	18457		--	02668	51528					
40802	64628	56343		62	64417	00068		02	62528	25468		5-	05646	18366	

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 22nd January, 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd January 1941

1 S.E. England	Moderate or fresh southwest wind backing southeast becoming strong on coast; fair at first apart from local showers, a period of continuous rain during night or morning; rather mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind backing southeast becoming strong, veering again later; rain at times; rather mild.
6 South Wales ...	As 1-4.
7 North Wales ...	
8 N.W. England	Moderate or fresh south or south-southwest wind, backing southeast to east later; cloudy occasional slight rain; general rain tomorrow; rather mild.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Moderate or fresh southeast to south wind; cloudy, occasional slight rain; milder than of late.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind east, strong to gale, veering and moderating slightly; dull, some rain or sleet, milder than of late.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Wind variable, mainly light or moderate; dull, rain at times, perhaps local sleet; 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 depression over the Irish Sea is moving slowly northwest and another depression is approaching our southwest coasts. Conditions are now of a continuously mild type in the South and the thaw has spread to Scotland. There will be further rain in the North while in the South there will be fair periods today and further general rain tonight.

FURTHER OUTLOOK.

Unsettled generally with further rain. Rather mild except perhaps in North Scotland.
*Warning of gales in operation in districts 11, 12, 13, 15, 16, 17 & 18.
Times of issue 2300 18/1/41
1000 20/1/41
1840 21/1/41.

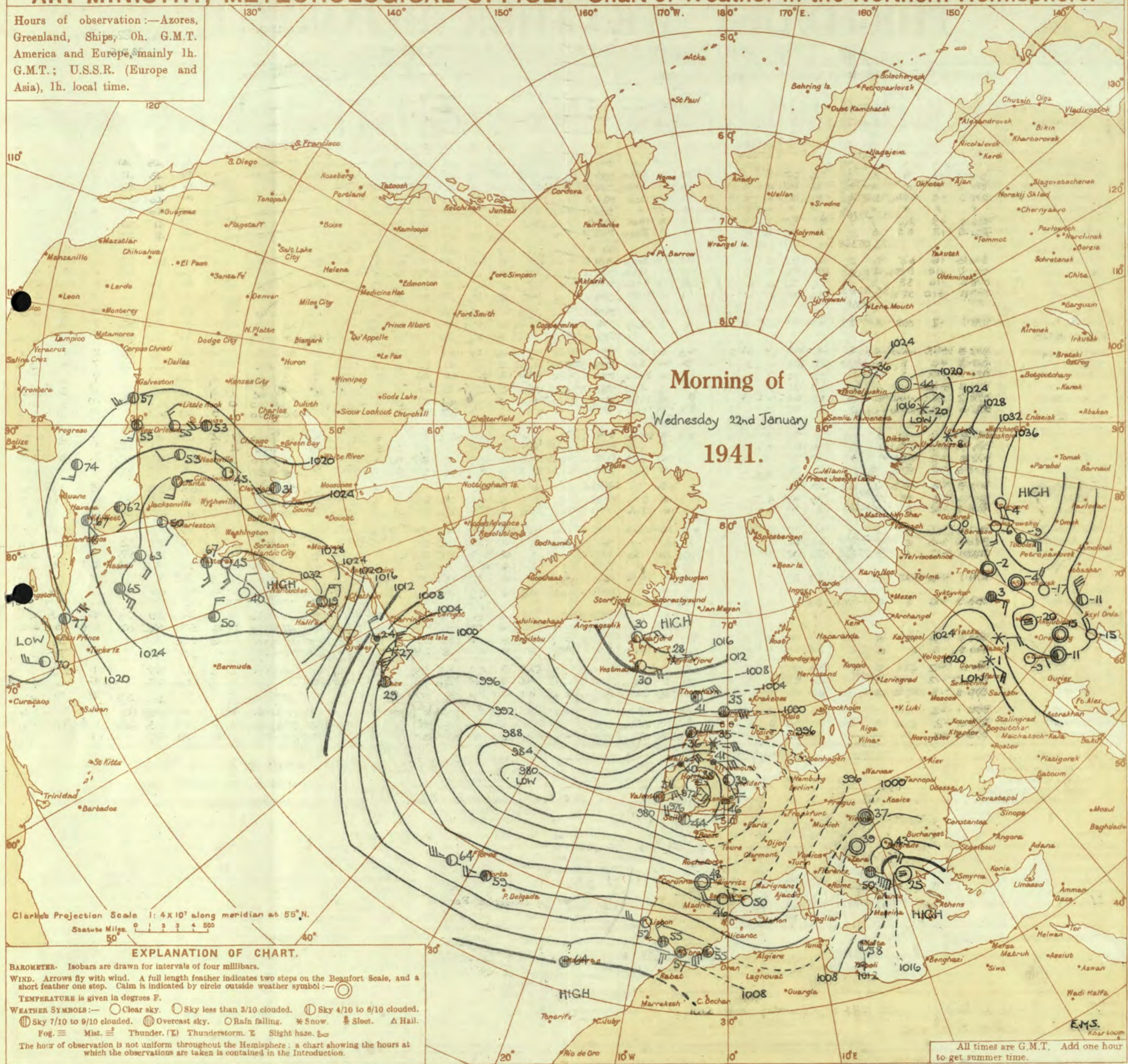
Forecasts issued at 10.30h.
H.M.S.O. Press, Cornwall House, S.E.1.

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

670/3306 W. 6449. 3.3705 64.548. 3300 1/41

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. 22nd January														OBSERVATIONS at 7 hr. G.M.T. 22nd January														PAST 24 HOURS.											
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.				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.								
																																0-12		0-10	0-10	0-10	0-10	0-9	0-9
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	380.4	+30	SSW	4	ic	43	92	6	5	-	-	10	10	1500	1	*	46	43	41	4	Tr	0.0				
	Croydon	217	30.7	-2	S	4	N	46	85	5	-	-	2	2500	30.7	+30	SW	4	ic	43	97	6	5	-	-	9	9	2000	1	*	46	43	41	5	0.2	0.0			
	S. Farnborough	226	30.4	0	S	4	N	48	88	6	-	-	10	10	2000	30.5	+38	SW	3	ic	41	92	6	6	1	-	7-8	10	1200	2	*	46	41	35	6	0.5	0.0		
	Boscombe Down	417	30.0	+6	SE	5	N	48	87	4	6	2	-	10	10	300	30.2	+40	SW	4	ic	40	97	6	5	-	-	10	10	600	1	*	4	40	35	4	0.0	0.0	
	Calshot (St. Mary's)	8	*	*	*	*	*	*	*	*	*	*	*	380.7	+40	SW	3	o/r	42	97	7	5	-	-	10	10	1500	1	3	45	40	35	6	2	0.0	0.0			
	Lympne	346	30.8	+2	SW	2	N	41	97	6	5	-	-	10	10	1500	30.5	+14	SW	3	ic	42	97	7	5	-	9	9	1500	4	*	43	40	35	3	0.1	0.0		
	Manston	154	30.5	+2	SE	3	N	41	92	6	5	-	-	1	1	2000	30.7	+16	S	4	ic	42	85	6	5	-	9	9	300	1	*	44	41	35	2	-	*		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	381.8	+10	S	3	c	43	85	7	5	-	-	9	9	800	1	*	43	40	31	4	0.1	0.0				
	Felixstowe	15	30.3	+6	SE	5	N	40	92	6	5	-	-	4-6	4-6	3000	30.5	+8	SE	5	c/d	39	97	6	5	-	9	9	1500	1	4	40	38	35	7	0.5	0.0		
	Gorleston	5	30.2	+10	SE	2	N	35	92	6	8	-	-	2	2	1500	30.4	+8	SE	5	c	44	92	6	8	-	10	10	1500	1	4	40	38	35	5	3	0.0	0.0	
	Mildenhall	19	30.4	+10	SE	3	N	42	92	6	5	-	-	2-3	2-3	3000	30.1	+2	SE	4	ic	42	92	6	3	2	-	4-6	10	2000	4	*	40	40	31	3	0.2	0.0	
	Cranwell	240	30.5	+10	SE	4	F	36	97	1	-	-	-	10	10	450	30.4	+6	SE	5	ic	37	97	5	5	-	10	10	800	6	*	36	35	34	6	2	0		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	378.1	+14	SW	2	ic	37	97	4	6	-	-	10	10	450	9	*	34	34	32	4	5	0.0	0.0			
	Upper Heyford	408	30.1	-2	SE	4	N	43	92	6	5	-	-	10	10	1200	30.3	+28	NW	3	ic	39	97	6	5	-	10	10	1300	4	*	39	39	36	3	2	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	377.4	+28	SW	3	ic	39	92	6	5	-	-	10	10	1500	6	*	36	36	33	9	9	0.0	0.0			
5	Hartland Point	299	30.5	+28	WNW	4	c	41	97	6	5	2	-	7-8	10	1500	30.0	+28	WSW	4	c	43	85	7	5	2	-	9	10	2000	1	4	42	40	40	11	1	0.0	0.0
	Bristol	209	30.5	+6	S	5	c/d	46	92	6	5	-	-	2	2	800	30.3	+38	SW	4	ic	41	92	6	5	-	10	10	1800	1	*	42	40	37	7	7	0.0	0.0	
	Portland Bill	32	30.2	+12	S	4	o	45	92	7	5	-	-	10	10	2500	30.8	+30	WSW	4	c	44	92	7	5	-	10	10	2500	1	4	48	41	40	8	4	0.0	0.0	
	Plymouth	82	30.4	+34	W	4	o	43	92	5	6	2	-	9	10	400	30.3	+26	WSW	2	ic	44	85	6	2	6	-	4-6	9	1000	1	3	47	42	41	15	5	0.0	0.0
	The Lizard	240	30.5	+4	WNW	6	c	43	92	7	8	2	-	9	10	1200	30.1	+20	SW	5	ic	46	92	8	8	6	-	7-8	7-8	2500	0	4	47	42	*	10	3	0.0	0.0
	Scilly (St. Mary's)	163	30.0	+32	WNW	4	c	44	92	7	8	2	-	4-6	7-8	1200	30.1	+6	WSW	4	ic	46	92	7	8	-	7-8	7-8	1500	1	3	48	42	*	12	3	0.0	0.0	
	Guernsey	175																																					
6	Pembroke	142	30.2	+12	W	2	o	41	92	5	8	2	-	7-8	10	2000	30.2	+20	WN	6	c	42	85	7	8	2	-	7-8	10	2000	1	4	39	36	*	10	3	0.0	0.0
7	Holyhead	26	30.7	-12	ESE	4	o	38	97	3	-	-	-	10	10	1500	30.0	+10	SE	4	c	39	97	5	5	-	10	10	500	4	3	39	36	36	5	7	0.0	0.0	
	Chester (Sealand)	16	30.3	-2	ESE	1	o	37	92	4	-	2	-	10	10	800	30.6	+14	SE	3	o	37	97	5	2	-	10	10	2800	6	*	36	36	33	7	9	0.0	0.0	
8	Manchester	70	30.6	-2	ESE	3	o	41	97	4	-	2	-	10	10	600	30.9	+12	SE	3	o	41	97	5	5	2	-	9	10	1200	2	*	38	36	35	7	7	0.0	0.0
10	Spurn Head	29	30.9	+6	SE	4	o	39	92	7	-	1	-	0	2-3	-	30.5	+4	SE	5	c	39	92	7	5	-	9	9	1500	0	4	38	37	*	4	3	0.0	0.0	
	Catterick	175	30.7	-8	SE	2	o	37	97	5	-	2	-	10	10	600	30.0	+4	SE	3	o	38	97	5	2	-	10	10	800	6	*	36	35	34	10	17	0.0	0.0	
	Tynemouth	108	30.9	-12	E	6	o	41	97	6	-	-	-	10	10	1200	30.8	+6	ESE	5	o/r	43	97	6	6	-	10	10	1200	1	6	41	39	39	3	14	*		
11	St. Abbs Head	280	30.0	-16	E	8	o	36	97	7	5	2	-	7-8	10	2000	30.2	-4	SE	8	o	40	97	6	5	-	10	10	2000	1	5	37	36	*	3	17	*		
	Leuchars	36	30.5	-6	E	6	o	38	92	5	-	2	-	10	10	700	30.1	-10	E	6	o	39	92	5	2	-	10	10	900	2	*	38	34	32	4	18	0.0	0.0	
12	Renfrew (Abbots I.)	19	30.1	-12	E	5	o	36	92	5	6	2	-	10	10	1100	30.0	-14	E	6	o	36	92	6	6	2	-	9	10	1100	1	*	35	33	*	4	3	0.0	0.0
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	377.1	0	N	4	c	37	92	6	5	-	-	10	10	1500	4	*	34	33	32	0.4	12	0.0	0.0			
	Point of Ayre	30	30.1	-16	ENE	6	o	39	97	7	-	2	-	10	10	1500	30.2	0	SE	4	o	42	97	7	8	2	-	7-8	10	1500	1	5	39	38	*	-	11	0.0	0.0
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	30.1	-16	NE	6	o	37	92	7	-	2	-	10	10	1500	1	5	38	37	*	-	0.3	2				
13b	Stornoway	80	30.3	-6	E	8	o	36	97	7	5	7	-	7-8</																									

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Thursday 23rd January 1941.
No. 28917

OBSERVATIONS at 13h. G.M.T. 22nd January														OBSERVATIONS at 18h. G.M.T. 22nd January														PAST 24 HOURS.							
DIRECTION.	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 0-10 (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. 22nd. (37)	13h.-18h. 22nd. (38)	18h. 22nd to 1h. 23rd (39)	1h.-7h. 23rd. (40)
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Soton.) ... Lympne ... Manston ...	985.3 984.6 984.9 984.5 984.5 987.6 986.7	+10 +6 +6 +6 +6 +12 +12	SSW S SSW SW'S WSW SSW SW'S	4 3 3 3 3 3 3	Zo Zo c c/pr pr c Zo	46 47 47 45 46 43 45	85 85 85 97 92 92 85	6 6 6 6 6 7 5	8 8 8 8 8 7 3	- 9 4 - - - 1	1 1 1 - - - 1	9 4 4 7 9 10 9	2500 1000 2000 800 1800 500 800	987.4 987.0 987.3 986.8 986.8 990.0 985.1	+14 +14 +20 +20 +14 +12 +14	S S SW SE SE SE SE	3 3 2 3 3 1 1	Zo Zo bc b b bc Zo	43 43 43 40 43 41 42	92 92 85 92 92 97 92	6 5 4 6 6 5 5	5 4 4 - - - -	- 1 2-3 1 1 2-3 4-6	1 1 2-3 1 1 2-3 4-6	2500 1600 2500 2500 4500 800 800	1 1 1 1 1 1 1	* * * * * * *	crgemo crgemo rgemo rgemo cmobcpr cmobcpr cmobcpr	cpocbcb cmobcm pr bcmo cmofrb cmobcm cmobcm	bmo bcmo bcmo bcmo bcmo bcmo bcmo	bbeoff bcmo cmofno bcmfa bcmomo cmofno bcmo			
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	986.3 985.9 986.4 984.4 983.3	+10 +16 +14 +18 +20	SW S SSW S S	3 3 3 2 3	c Zo c Zo Zo	47 41 46 40 37	85 85 78 85 97	7 8 6 6 6	- - 5 - 5	3 4 - 7 -	8 6 9 - -	0 9 9 9 7-8	- 9 1500 - 1500	988.6 988.0 988.5 986.4 985.5	+14 +10 +8 +12 +14	S S SE SE SE'S	3 3 2 4 2	bc Zo c Zo cf	41 39 40 44 36	55 97 92 85 97	6 5 6 6 3	5 4 - 3 -	- 1-2 0 4-6 9+	4-6 2-3 0 7-8 9+	4000 4000 - 4000 2500	1 1 1 1 6	* * * * *	bemoc cidemo cq cmobcmo emo	cpbcmo bcmo cbcc bcmo f	bcmo bcmo cbcc cmobcm cmobcm	bcmo bcmo bcmo bcmo bcmo			
3	Birmingham Upper Heyford	983.3 983.3	+6 +6	SSW SW	3 3	bc Zo	40 46	92 85	6 6	5 5	- 3	4 4	4-6 4-6	4000 2000	984.7 986.0	+10 +18	SSW SW	2 2	m b	41 41	92 92	4 7	4 6	- -	9+	9+	2500 2000	6 1	* *	cmobcmo cmobcmo	cmobcmo	cmobcmo	cmobcmo		
4	Ross-on-Wye ...	982.1	+6	SSW	2	Zo	42	85	6	5	-	-	7-8	2500	984.9	+20	SW	2	bc	40	85	6	8	-	2-3	2-3	2500	6	*	cmobcmo	cmobcmo	cmobcmo	cmobcmo		
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Silly (St. Mary's) Guernsey ...	981.1 983.1 983.6 983.3 983.3 981.8	+6 +10 +12 +14 +20 +10	SSW SW SW SW SW WSW	5 4 4 4 5 5	bc/pr c bc bc bc bc	45 45 46 49 48 49	92 85 92 92 75 65	8 7 7 7 8 8	2 5 5 3 - 4	4 3 - - - -	- - - - - -	4-6 4-6 4-6 2-3 4-6 2-3	2000 3000 4000 1200 2500 1500	983.7 983.8 986.3 985.4 984.3 983.7	+22 +20 +18 +14 +10 +14	SW SSW SW SW SSW SW'S	4 2 4 2 3 2	bc/pr bc bc bc bc bc	45 42 45 45 45 45	85 85 92 85 92 75	8 7 7 6 8 8	3 4 - 3 6	3 4 - 3 6	1 2-3 2-3 4-6 2-3 4-6	2000 4000 4000 1400 2500 1500	1 1 1 0 1 1	4 1 4 2 4 3	apbc cmobcmo bcmo cmobcmo bc bc	bc cpocb bcmo bcmo pr bc	bc bcmo bcmo bcmo bcmo bcmo	bc bcmo bcmo bcmo bcmo bcmo			
6	Pembroke ...	977.6	+16	S	4	c	48	85	7	8	7	-	4-6	7-8	3000	982.7	+20	SWW	5	c	45	85	8	8	7	-	2-3	7-8	3000	1	4	cpo	pre	prob	cbc
7	Holyhead ...	977.9	+20	SSW	5	c	42	85	8	5	3	-	7-8	9+	1100	981.4	+22	S	3	pr	42	92	4	8	-	-	10	10	700	1	3	cmo	cbprmc	prob	cbc
8	Chester (Sealand) ...	980.7	+24	SSW	2	Zo	39	85	6	5	-	-	9	9	3300	983.5	+18	ES	2	c	39	85	5	5	-	-	5	5	4000	6	*	cmo	cbcmo	prob	cbc
8	Manchester ...	981.0	+20	S	4	Zo	40	85	6	5	-	-	9+	9+	2000	984.2	+22	SE'S	2	of	40	85	3	5	-	-	10	10	3000	1	*	cmo	bcmo	cmobcmo	cmobcmo
10	Spurn Head ...	983.1	+20	S	3	c	39	92	7	5	3	-	4-6	9+	2500	986.4	+18	SE	3	bc	37	97	6	5	-	-	2-3	2-3	1500	0	4	c	cbc	bcmo	off
10	Catterick ...	980.9	+14	S	2	F	36	97	1	-	-	-	10	10	450	984.7	+28	-	0	cf+	36	97	3	5	-	-	9+	9+	1500	6	3	cmo	Frmc	off	off
10	Tynemouth ...	980.9	+4	ESE	4	pr	42	92	6	6	-	-	10	10	1600	984.3	+20	SW	3	Zo	33	92	5	5	-	-	3+	3+	1600	1	5	cpo	oirc	bc	beoff
11	St. Abbs Head ...	981.2	+4	SE	8	pr	41	97	6	5	-	-	10	10	2000	981.7	+12	SE	5	pr	40	97	4	5	-	-	10	10	2000	1	5	cmo	omr	bcmo	fmc
12	Leuchars ...	982.5	-2	E	7	pr	41	92	5	6	-	-	10	10	500	982.5	0	ESE	6	RR	41	92	5	6	-	-	10	10	300	2	*	cmo	omr	bcmo	fmc
12	Renfrew (Abbots L.) ...	979.4	+4	E	4	Zo	42	92	5	5	2	-	10	10	1000	982.1	+12	SE	2	rf	40	92	3	3	2	-	7-8	10	800	1	*	cmo	omr	bcmo	fmc
12	Eskdalemuir ...	978.8	+8	ESE	3	pr	39	92	6	-	2	-	10	10	800	982.5	+18	S	1	dd	36	97	2	-	2	-	10	10	1300	4	*	cmo	omr	bcmo	fmc
12	Point of Ayre ...	977.1	+12	SWW	3	c	41	92	8	7	7	-	4-6	10	1500	981.6	+24	SW	2	c	40	92	8	5	-	-	7-8	7-8	1500	1	3	cmo	omr	bcmo	fmc
13A	Tiree ...	978.2	0	NEE	6	c/d	43	75	8	5	-	-	9+	9+	1800	979.7	+10	ENE	5	rr	41	92	7	-	2	-	10	10	1500	1	5	cmo	omr	bcmo	fmc
13B	Stornoway ...	989.8	0	E	8	c	37	97	8	5	2	-	9	10	1200	989.7	0	E	8	c	39	*	7	8	2	-	7-8	10	1000	4	5	cmo	omr	bcmo	fmc
15	Dalwhinnie ...	982.3	0	ENE	4	c	35	85	7	5	-	-	9+	9+	1500	983.5	+4	ENE	4	ir	35	92	7	5	-	-	10	10	1500	6	*	cmo	omr	bcmo	fmc
15	Aberdeen ...	986.5	-6	ESE	6	c/r	38	92	6	6	2	-	7-8	10	2500	987.0	+2	SE'E	5	ir	39	92	6	6	2	-	9+	10	1500	6	6	cmo	omr	bcmo	fmc
15	Wick ...	990.8	-8	ESE	9	rs	37	97	5	5	2	-	7-8	10	800	981.1	+6	ESE	9	rs	37	97	6	3	2	-	7-8	10	800	1	6	cmo	omr	bcmo	fmc
16	Lerwick ...	1000.1	0	E	7	c	37	75	8	5	2	-	7-8	10	1500	993.4	0	E'S	7	c	36	75	8	8	2	-	7-8	10	1500	*	*	cmo	omr	bcmo	fmc
17	Blacksod Point ...	977.7	-4	-	0	c	39	97	8	-	5	-	0	7-8	-	977.8	+10	S	2	c	42	92	8	-	7	-	0	10	-	0	3	c	cbc	prob	bc
18	Malin Head ...	975.1	-2	ENE	3	pr	41	92	6	6	-	-	9+	9+	800	977.9	+22	-	0	ir	37	97	5	6	-	-	9+	9+	800	1	2	cmo	omr	bcmo	fmc
18	Aldergrove ...	975.7	+20	SE	3	cf	36	97	2	-	-	-	10	10	450	980.2	+24	S	3	ir	35	97	5	5	-	-	10	10	1100	6	*	cmo	omr	bcmo	fmc
19	Birr Castle ...	977.3	+4	SW	1	c	39	92	8	5	-	-	7-8	7-8	2500	979.7	+14	SSW	1	c	39	85	8	5	1	-	5	10	2500	1	4	cmo	omr	bcmo	fmc
20	Valentia Obsy. †	977.6	-2	S	3	c	43	85	8	5	-	-	7-8	7-8	4000	979.6	+18	S	3	bc	41	85	8	8	-	-	4-6	4-6	4000	*	*	cmo	omr	bcmo	fmc
20	Roches Point ...	978.9	+6	S	2	bc/r	42	85	8	5	-	5	4-6	4-6	2500	980.9	+22	W'S	2	bc	43	85	8	3	-	3	1	2-3	1500	1	4	cmo	omr	bcmo	fmc

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

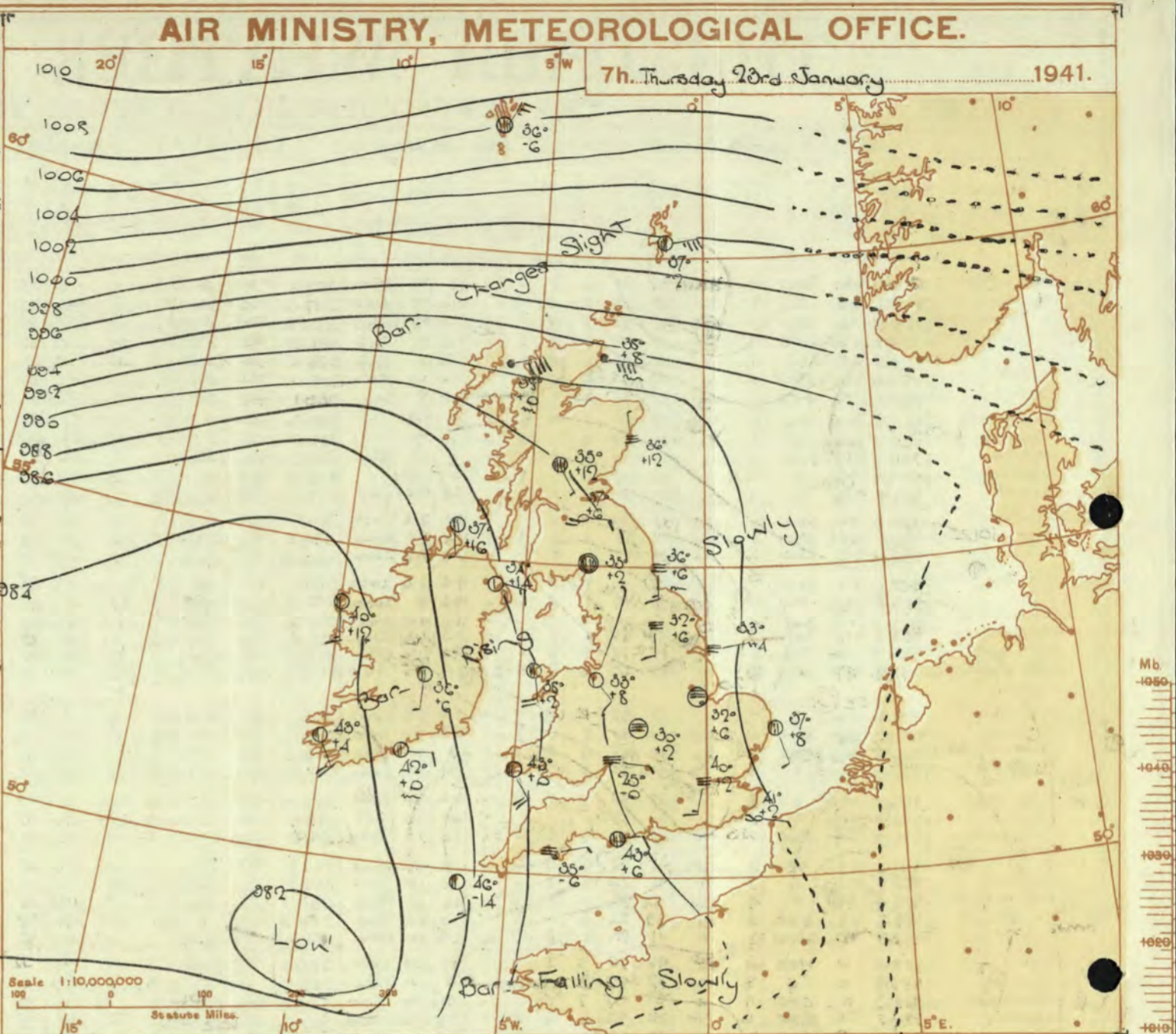
COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.	COLUMNS 9, 23.—FORM OF LOW CLOUD.	COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.	COLUMNS 11, 25.—FORM OF CIRROUS CLOUD.
<p>b, blue sky (not more than a quarter covered with cloud). be, sky partly cloudy (one half covered). c, generally cloudy. d, drizzle. e, wet air. g, gloom. f, fog, visibility 220-1100 yds. F, thick fog „ less than 220 yds. fs, low fog over sea (coast station). fg, low fog over land (inland station). m, mist, visibility 1100-2200 yds. h, hail. i, intermittent. jf, fog at a distance, but not at station. jp, precipitation within sight of station. ks, storm of drifting snow. k/s, slight storm of drifting snow (generally low). k/S, heavy storm of drifting snow (generally low). s_o/k, slight storm of drifting snow (generally high). S/k, heavy storm of drifting snow (generally high). KQ, line squall. l, lightning. o, overcast sky. p, passing showers.</p>	<p>q, squalls. r, rain. s, snow. rs, sleet. t, thunder. u, ugly, threatening sky. v, unusual visibility. w, dew. x, hoar frost. y, dry air. z, dust haze: the turbid atmosphere of dry weather. h(r), "hail" or "rain and hail." Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r_o, slight rain. rr, continuous rain. <, less than (for cloud height). /gale. ⊕ Solar halo. ⊙ lunar halo. ⇨ Aurora. With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.</p>	<p>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 So. 8 Large-Cu (or Cb) and Sc. 9 Large-Cu (or Cb) and ragged low clouds of bad weather.</p>	<p>0 No cirriform cloud. 1 Fine Ci not increasing: sparse. 2 Fine Ci not increasing: abundant but not a continuous layer. 3 Anvil Ci (usually dense). 4 Fine Ci increasing: usually in tufts. 5 Ci or Cs increasing: still below 45° altitude: often in polar bands. 6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands. 7 Veil of Ca covering whole sky. 8 Cs not increasing and not covering whole sky. 9 Cc predominating, and a little cirrus. (Cc may occur with any of the types 1 to 8).</p>
	<p>COLUMNS 12, 13, 26, 27.</p> <p>Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings. § Sea disturbance reported from Dungeness.</p>	<p>Cloud form abbreviations:— Cirrus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Altopcumulus,—Ac: Altostratus,—As: Stratocumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb.</p>	
		<p>COLUMN 29.—STATE OF GROUND.</p> <p>7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen. 8 .. „ covered with snow, less than 6 ins., but ground frozen. 9 .. „ covered with snow greater than 6 ins. deep. Fresh snow has fallen in the mountains.</p>	

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

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T. 22nd Jan.				18h. G.M.T.				01h. G.M.T. 23rd Jan.				07h. G.M.T.			
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN
109				52	6864642778	5-	6864841778	52	6263641668						
115				52	8373541888	52	8373541888	52	8173541888						
203															
206	62	02735	41678	52	6273541668	52	6263608468	52	6263608468						
210	62	61625	41728				5-	6263841868							
220	82	03855	08528	52	0364508628				52	2264513268					
230	57	02846	30568	57	6284607468	52	6164608168								
245	6-	61638	41368	5-	6463841868	5-	6164845468	5-	0844832128						
260	52	22587	08368	52	2243408268	50	05564000245	5-	0846800028						
277	5-	62428	10568	5-	0274814368										
279	67	22644	14268	5-	2263816268				53	4534400057					
285	-	67207	08368	-2	6163824068				5-	0343824228					
288	02	52638	16368	5-	0844816228	--	4820022149	--	4810720140						
273									70	0175208302					
301	52	22455	15368	50	4536812243	50	0556514315	53	0846414168						
321	57	05566	20327	50	0846814328	00	4710000040								
299	57	05645	14468	50	08542163125	5-	0844618316	--	4820722349						
292	52	61445	16268	51	2734414364	--	4430012149	--	4810700049						
310															
316	60	08451	16368	--	4720716149	00	0849000040	--	4820000049						
333	5-	02756	18426	5-	6164716467	50	0075316383	50	2586410184						
334															
340	5-	05666	17366	50	0556514315	50	4537214342	--	4810014349						
136				57	0557413316	00	4710015240	--	4610700049						
336	63	03644	20328	63	0564220328				--	4230712349					
350									--	4610700049					
368	5-	25647	15287												
379	02	05646	20316			50	0555418104	--	4610718249						
390	57	08452	18258	40	2514216382	00	4530016140	--	4810712149						
382	23	05651	16314	46	0075117212	--	4830714149	5-	4726700057						
438	5-	02757	22427						5-	5700702159					
430	63	25734	20387	07	0560020209	5-	0566700027	--	4820708119						
400	14	00751	19612	87	017531820300	0070014200	00	4710010440							

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



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 23rd January
1 S.E. England	Light or moderate southeast wind, freshening on coast, veering south or southwest later. Occasional rain, local thunder near South coast. Local morning fog; rather mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light southeast to variable wind; fair at first, occasional rain later: local fog, average temperature.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind southeast, veering southwest strong at times. Rain at times, local thunder; bright intervals, rather mild.
9 N. Midlands ...	
10 N.E. England	As 2-4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light southeast wind, widespread fog, perhaps slight rain later. Rather cold, but thawing.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Easterly gale moderating somewhat; dull some rain, rather cold.
17 N. W. Ireland	
18 N. E. Ireland	Light or moderate southerly or variable wind. Variable cloud, occasional local rain, local fog later. Average temperature.
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A depression off West Ireland is remaining stationary and small secondaries over France and off Scilly are moving northeast. Fog will persist in many districts but will clear in the South, and rain is likely to spread northeast over Southern England. Thunder will occur locally in the extreme South.

FURTHER OUTLOOK.

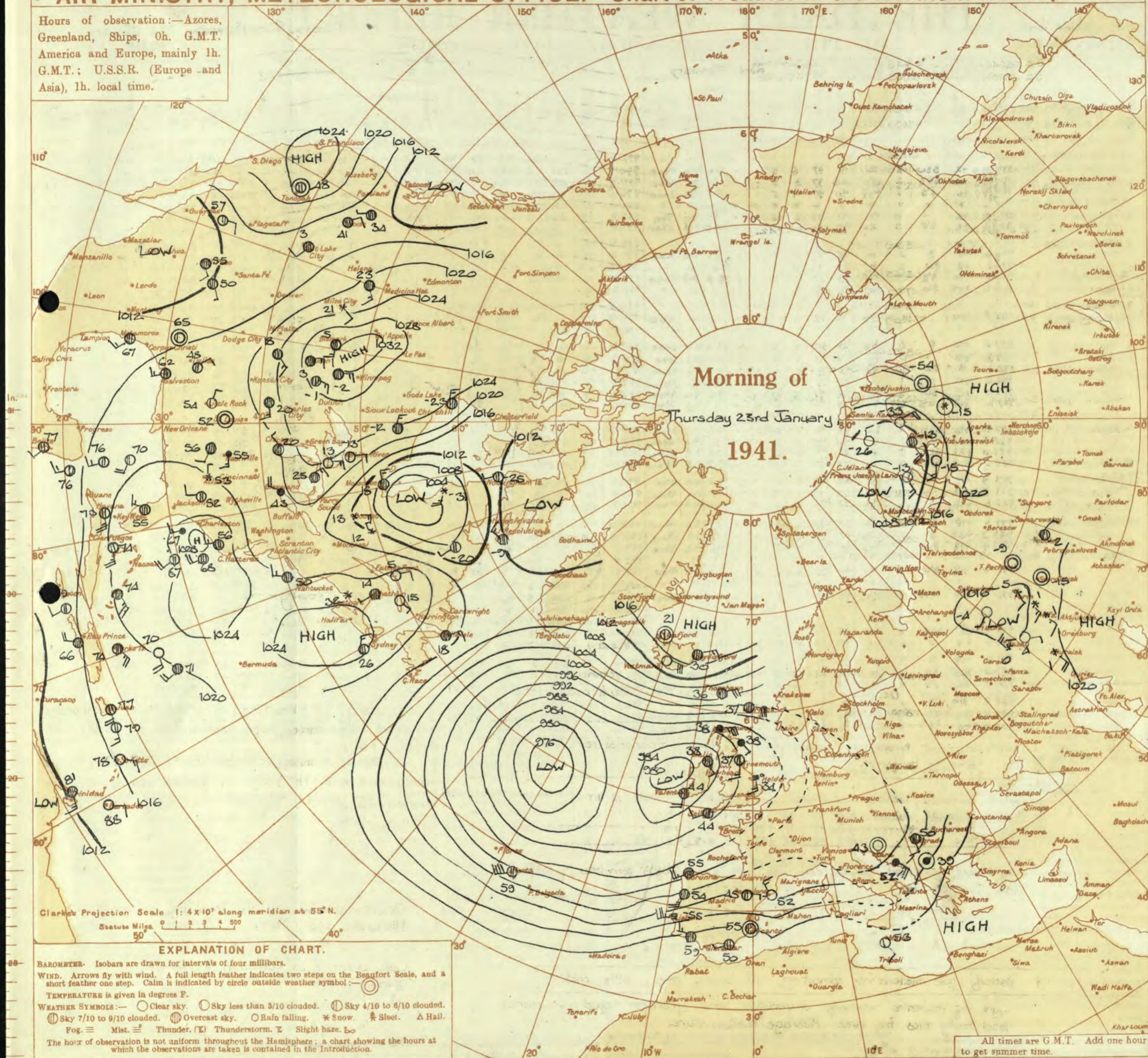
Occasional rain and also local fog, especially in Midlands and North.

Gale warning in operation in district 16, issued 1840h 21.1.41.

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

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

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



PAST 24 HOURS.

LONDON OBSERVATIONS.										EXPLANATION OF FIGURES, LETTERS, etc.									
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.										Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.									
Columns 2, 16. The barometric tendency is expressed in tenths of a millibar.										Columns 8, 22—Code for surface visibility. Objects not visible at									
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.										0 Dense fog 55 yards. 1 Thick fog 220 " 2 Fog 550 " 3 Moderate fog 1,100 " 4 Mist or haze 1½ miles. 5 Poor visibility 2½ " 6 Moderate " 6½ " 7 Good " 12½ " 8 Very good " 31 " 9 Excellent " beyond 31m.									
Columns 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.										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.									

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

SECRET

BRITISH SECTION

Friday, 24th January 1941.

No. 28918

Page 1.

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 24th January

OBSERVATIONS at 18h. G.M.T. 24th January

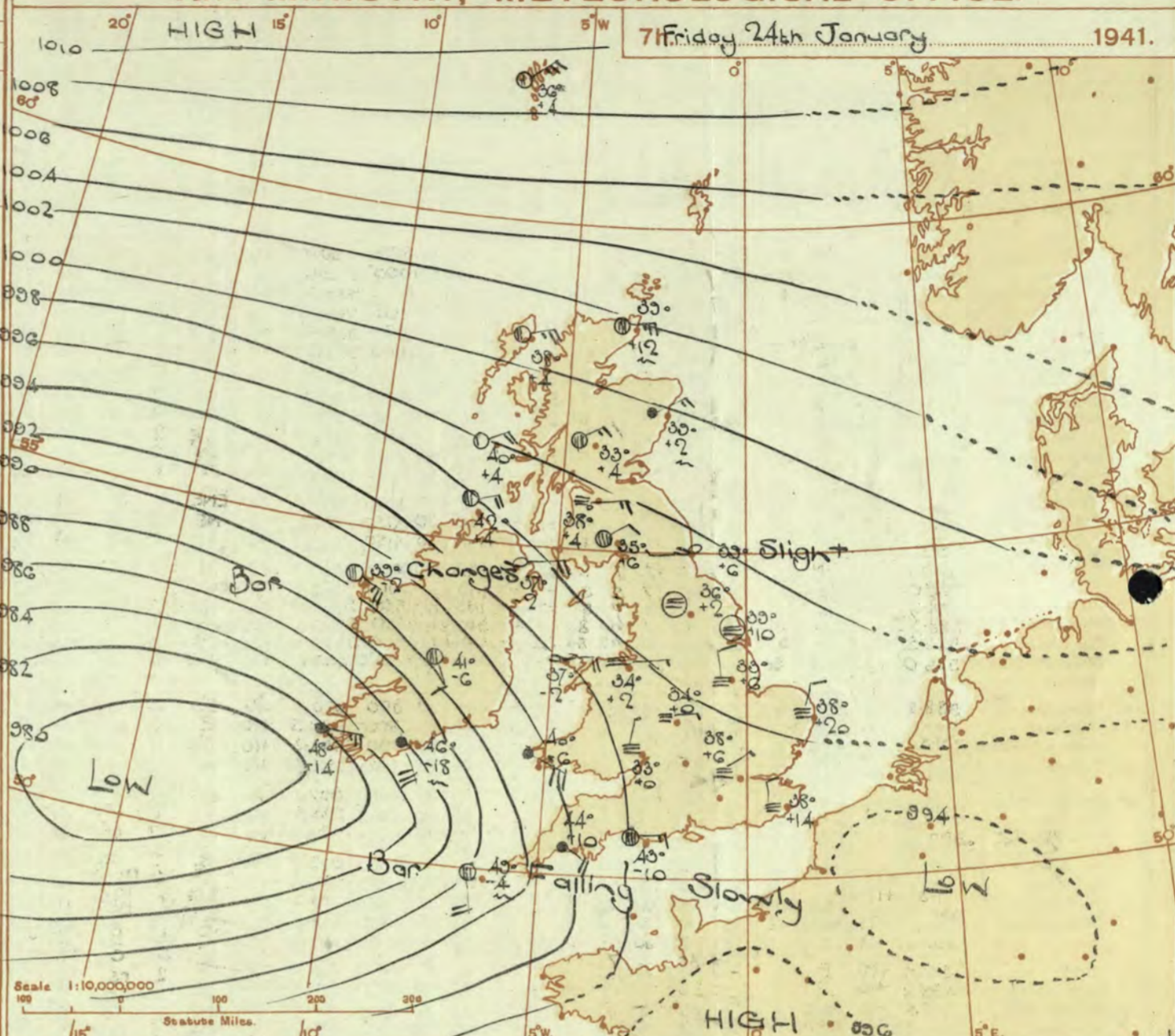
PAST 24 HOURS.

DIRECTION.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. (29)	Sea. (30)	WEATHER.									
				Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Low (23)					Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)			7h.—13h. 23rd. (37)	13h.—18h. 23rd. (38)	18h.—23rd 1h.—24th. (39)	1h.—7h. 24th.. (40)						
																																		Form.	Amount.	Form.	Amount.	Form.	Amount.
1	London (Kew)...	990.4	-4	E'N	2	of	43	97	2	5	-	10	10	1500	990.2	+6	NNE	3	of	43	92	3	5	-	10	10	1500	1	*	cfd.ofefe	ofed.of	cfmem	cm.						
	Croydon ...	990.4	-4	-	0	m	42	97	4	5	-	10	10	1000	989.6	0	E	2	m	41	97	4	5	-	3	3	1600	1	*	cd.ofefm	cmom	cm	cf						
	S. Farnborough	990.2	-8	E'N	1	cd	42	97	2	5	-	10	10	1150	989.9	+4	NNE	1	f	42	97	2	*	-	10	10	1150	1	*	cf.r.f	f	fdomo	mofo						
	Boscombe Down	990.5	-6	E'S	1	z	43	97	5	5	-	10	10	400	990.3	+6	NEN	2	f	41	97	3	5	-	10	10	300	1	*	Fefom	omof	ofom	omfo						
	Calshot (Soton.)	989.3	-10	ESE	2	o	42	97	5	5	-	10	10	600	989.4	+6	NEN	2	m	43	92	4	5	-	10	10	800	1	2	cm.oFF	omof	omobcwo	bcwo						
	Lympne ...	991.7	-8	SE	1	c	42	97	7	5	-	3	3	4000	990.3	-4	ESE	2	df	41	97	3	*	-	10	10	1150	1	*	cm.rm	cm	cm	cm						
	Manston ...	991.2	-6	SE	1	z	44	85	6	5	3	6	4-6	7-8	5000	990.1	-6	E'N	2	d.d	41	92	4	5	-	10	10	700	1	*	cmo	cm	cm	cm					
2	Shoeburyness ...	992.3	-4	ESE	2	c	40	97	5	5	3	7-8	9+	4000	991.2	-2	SE	2	c	39	97	5	5	-	10	10	2500	1	*	ofcm	cm	cm	cm						
	Felixstowe ...	991.6	-2	SE'S	2	ir	39	97	4	5	7	9+	9+	3000	991.1	0	E'N	2	m	39	97	4	5	-	9+	9+	3300	1	1	cfom	cm	cm	cm						
	Gorleston ...	992.9	-6	S	1	F	38	92	1	*	-	10	10	1150	992.7	0	NE'E	2	e	38	92	5	6	-	10	10	1500	*	2	cmo	ff	famir	o						
	Mildenhall ...	991.4	0	-	0	f	40	97	2	5	-	10	10	300	991.1	+2	E'N	2	f	41	97	2	*	-	10	10	1150	1	*	cmcf	ofom	ofe	ofe						
	Cranwell ...	992.6	-4	-	0	rF	33	97	1	*	-	10	10	1150	992.0	-4	N	1	F	34	97	1	*	-	10	10	1150	4	*	F.d	fo	o	o						
3	Birmingham	991.6	+2	-	0	F	33	97	0	*	-	10	10	1150	991.6	0	ENE	2	F	36	97	0	*	-	10	10	1150	7	*	FF	FF	Fe	Fe						
4	Upper Heyford	991.0	-2	NE	1	f	40	97	2	*	-	10	10	1150	991.2	+12	NE	2	F	38	97	1	*	-	10	10	1150	1	*	cfo	FF	o	o						
	Ross-on-Wye ...	991.3	0	W	1	F	31	92	1	*	-	10	10	1150	992.1	+6	W	1	oF	33	97	1	5	-	10	10	1150	6	*	FF	FF	FF	FF						
5	Hartland Point	987.6	-6	E	3	cf	42	97	7	5	3	3	2-3	3	1500	989.7	+12	E	2	C	42	92	7	5	4	6	2-3	3	1000	1	3	bcc	cbc	bc	bccr				
	Bristol ...	990.0	-6	ENE	1	o	42	97	5	5	-	10	10	500	990.3	+8	NNE	1	F+	36	97	1	*	-	10	10	1150	1	*	offcm	cm	cm	cm						
	Portland Bill ...	988.3	-10	E	3	o	43	92	7	5	-	10	10	2500	989.0	+20	ENE	3	o	42	92	7	5	-	10	10	2500	1	3	oc	cm	cm	cm						
	Plymouth ...	988.3	-2	ESE	3	z	45	97	6	8	-	3+	3+	2500	990.3	+26	E'S	2	z	44	92	6	2	-	2	9+	1500	0	1	bmw	cm	cm	cm						
	The Lizard ...	986.5	+16	SE	3	bc	50	85	8	6	-	4-6	4-6	4000	989.6	+28	E'S	3	c	45	97	8	8	-	7-8	9+	2000	1	3	cbc	cbc	cbc	cbc						
	Scilly (St. Mary's)	986.0	+6	SE'E	3	c	49	85	8	7	-	4-6	3	1400	989.2	+26	NNE	3	c	46	92	8	8	7	-	7-8	10	1200	3	3	bccpc	cidoc	cbc	crr					
	Guernsey ...	986.0	+6	SE'E	3	c	49	85	8	7	-	4-6	3	1400	989.2	+26	NNE	3	c	46	92	8	8	7	-	7-8	10	1200	3	3	bccpc	cidoc	cbc	crr					
6	Pembroke ...	988.8	+8	ESE	4	f+	40	97	3	5	-	10	10	800	990.5	+10	E'S	4	z	40	97	5	5	2	-	7-8	10	1000	1	3	bcifc	ifcm	cbcm	cm					
7	Holyhead ...	989.5	+2	ESE	2	c	44	85	9	5	7	4	2-3	9+	6000	990.5	+10	E	3	cf	41	85	7	5	7	1	7-8	9+	4200	1	2	cprc	c	cm	cm				
	Chester (Sealand)	991.2	+6	SE'E	2	oF+	30	97	1	5	-	10	10	100	992.2	+10	SE'E	2	F	30	97	1	*	-	10	10	1150	8	*	bff	o	off	off						
8	Manchester ...	991.5	+6	W'S	1	F	31	97	0	*	-	10	10	1150	992.4	+14	-	0	F	29	97	0	*	-	10	10	1150	1	*	cm	ff	off	off						
10	Spurn Head ...	993.6	+6	-	0	F	35	97	1	*	-	10	10	1150	992.1	0	NE	1	F	37	97	1	*	-	10	10	1150	0	1	FF	FF	FF	FF						
	Catterick ...	992.8	+8	-	0	F	32	97	1	*	-	10	10	1150	993.8	+4	-	0	F+	31	97	0	*	-	10	10	1150	7	3	oFex	oFex	oFex	oFex						
	Tynemouth ...	992.9	+10	S	2	of	35	97	2	5	-	10	10	1500	993.8	+4	S	2	of	36	97	3	5	-	10	10	1500	1	3	off	off	off	off						
11	St. Abbs Head	992.1	+6	SSE	2	m	40	92	4	5	2	-	9	10	2000	993.7	+6	S	2	z	37	97	5	5	2	-	7-8	10	2000	1	3	omcm	cmof	cmof	cm				
	Leuchars ...	992.1	+6	-	0	dd	38	97	5	5	1	-	7-8	10	1500	994.0	+14	-	0	m	39	97	4	5	-	9+	9+	2200	2	*	cll	rdm	maddm	pr					
12	Renfrow (Abbots L.)	992.4	+8	NE'E	1	cf	39	92	3	5	-	3+	3+	2500	993.8	+8	ENE	1	of+	39	85	3	5	-	10	10	2500	1	*	cll	d.d	cmf	cm						
	Eskdalemuir ...	991.8	+12	NE'N	2	c	38	85	6	5	-	8	9	1500	993.5	+12	NE'N	2	m	35	92	4	5	-	10	10	1150	1	*	cm	cm	cm	cm						
	Point of Ayre ...	991.0	+14	S	2	c	42	92	6	5	4	-	7-8	9	1500	992.0	+10	E'N	3	bc	41	92	6	5	3	-	4-6	4-6	2500	1	3	cz	cm	cm	cm				
13A	Tiree ...	992.4	+10	E	1	c	42	85	7	5	-	3	3	2800	992.3	+10	E	1	c	37	92	7	5	-	7-8	7-8	3500	0	3	c	c	cbc	bc						
13B	Stornoway ...	995.2	+16	E	7	c	39	*	7	3	2	-	9	10	1500	996.3	+12	E	5	c	39	*	8	5	7	-	9	10	1500	1	3	cpr	rsrs	c	cb				
15	Dalwhinnie ...	992.5	+10	NNE	1	c	37	92	7	8	-	3+	3+	1500	994.0	+10	NNE	2	rs	35	97	6	5	-	10	10	800	6	*	oc	cpr	c	cb						
	Aberdeen ...	994.2	+12	NE'N	3	ir	41	92	6	6	-	10	10	1500	995.6	+10	NNE	3	rs	41	92	6	6	2	-	9	10	1500	1	4	ff	ir	cir	crr					
	Wick ...	996.8	+14	ESE	7	c	38	97	7	8	2	-	7-8	10	1500	998.0	+6	ESE	6	pr	39	92	7	8	2	-	7-8	10	1500	1	5	rm	oir	cpr	bcrr				
16	Lerwick...	1000.9	+4	E'N	6	c	37	75	8	8	7	-	4-6	9+	1500	1001.3	+4	E'N	5	c	35	75	8	5	7	-	7-8	9+	1500	6	*	c	c	c	c				
17	Blacksod Point...	986.9	+16	E'S	3	c	44	85	8	-	4	-	0	7-8	-	989.0	+16	E'S	2	lbc	39	97	8	-	-	0	2-3	-	0	3	bcc	bc	bc	bc					
18	Malin Head ...	989.3	+16	S'E	1	c	43	85	8	2	7	-	4-6	7-8	5700	991.1	+10	SE	1	c	41	92	8	5	6	-	4-6	7-8	5700	0	2	c	c	bc	bc				
	Aldergrove ...	990.1	+14	ESE	2	z	41	85	6	8	7	2	7-8	9+	2000	991.6	+12	E'S	2	r	38	92	3	5	-	9+	9+	1600	4	*	bxm	cm	cm	cm					
19	Birr Castle ...	988.2	+6	SSE	1	bc	46	75	8	5	-	5	2-3	4-6	2500	989.4	+12	SSE	1	e	41	92	7	6	1	-	4-6	10	1500	1	*	cbc	bc	bc	bc				
20	Valentia Obsy.†	985.8	+1																																				

Abridged observations of additional stations in the AVIATION WEATHER CODE															
13h. G.M.T. 23rd January 18h. G.M.T.								01h. G.M.T. 24th January 07h. G.M.T.							
IIIC	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	IIIC	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M
1062	22746	08568	52	02754	07465	5-	61648	07468							
115			52	81735	41788	52	81-55	08588	52	81744	08587				
203			5-	02847	06517										
2052	02745	08368	52	616-5	08368	5-	03648	08368	5-	01754	10224				
2152	61626	08468	5-	61638	41468	5-	22648	41568	52	81746	41488				
2262	61844	12268	52	02744	11228					52	03745	14428			
2353	05655	08218	53	05654	08116	50	05652	00002	50	00763	08113				
245-	21648	41368	6-	62638	04368	6-	51638	37658	5-	05638	37368				
265-	43368	04148	-	48200	00049	-	48109	00049	-	44109	00049				
275-	05546	11327	57	22654	06367	5-	05675	06315	00	05690	06310				
2753	08443	08225	07	08490	06225					03	45390	04143			
285-	41527	06247	5-	02536	06326					5-	03638	28128			
285-	45238	00048	-	48109	00049	-	57109	00049	-	48109	24159				
2756	01863	08405								57	02654	08428			
3000	45390	12140	00	47290	00040	-	48009	12249	5-	45348	12148				
32T-	44109	04149	-	48109	29149	-	57009	29259	-	57009	00059				
299-	46009	14149	-	46009	00049	5-	42438	00048	5-	52448	00058				
292-	46109	04149	-	21109	28149	-	46109	27349	-	48209	26159				
310			-	48109	24129										
315-	44009	12169	-	46109	00049	-	48109	01249	-	48009	00049				
3357	02363	00017	03	01790	00014	50	05661	00001	50	01764	08204				
334															
340-	46109	13149	-	46009	00049	-	46009	02149	-	57009	00059				
135-	44209	14149	-			-	48009	*	-	44199	00049				
3353	08533	16345	-	46409	16349					41409	16349				
350-	46109	00049								46109	00049				
368-	44390	08349													
375-	46109	08249	-	48009	04249	-	46109	08249	-	46109	08149				
395-	67218	08268	-	46109	06259	-	48209	02249	-	48109	02249				
385-	51438	10158	5-	45228	06248	5-	45118	30248	5-	51418	00058				
435-	46009	12149								5-	03528	02228			
430-	05638	10248	5-	05546	04228	5-	05558	32228	5-	47356	32126				
4084	05654	10347					51	05653	12564	52	52634	13658			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 24th January
1 S.E. England	Light or moderate east to southeast wind veering south temporarily. Cloudy, a period of rain, brighter intervals later but local fog. Average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Light east or southeast wind; cloudy or dull, a period of rain. Widespread fog; rather cold.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind veering south, fresh or strong, probably moderating later. Occasional rain, bright intervals; rather mild.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Light or moderate east wind; dull, occasional rain; fog at many places: rather cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light or moderate east wind, tending to freshen later. Dull; occasional rain, rather cold.
13 { A.W. Scotld. B.N.W. Scot- land.	Moderate or fresh east wind, strong locally. Cloudy; occasional rain, perhaps snow on high ground later; rather cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	Fresh or strong east or southeast wind; cloudy; rain at times: average or rather low temperature.

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

GENERAL INFERENCE.

Pressure remains low off Southwest Ireland and high north of Iceland. A trough of low pressure over Southwest England will move northeast and fill up over England.

There will be rain at times in many districts and much fog in the Midlands, North, and East of England, clearing south of the Thames at least temporarily.

FURTHER OUTLOOK.

Occasional rain and local fog, perhaps snow in Scotland, especially on high ground.

Forecasts issued 1030 G.M.T.

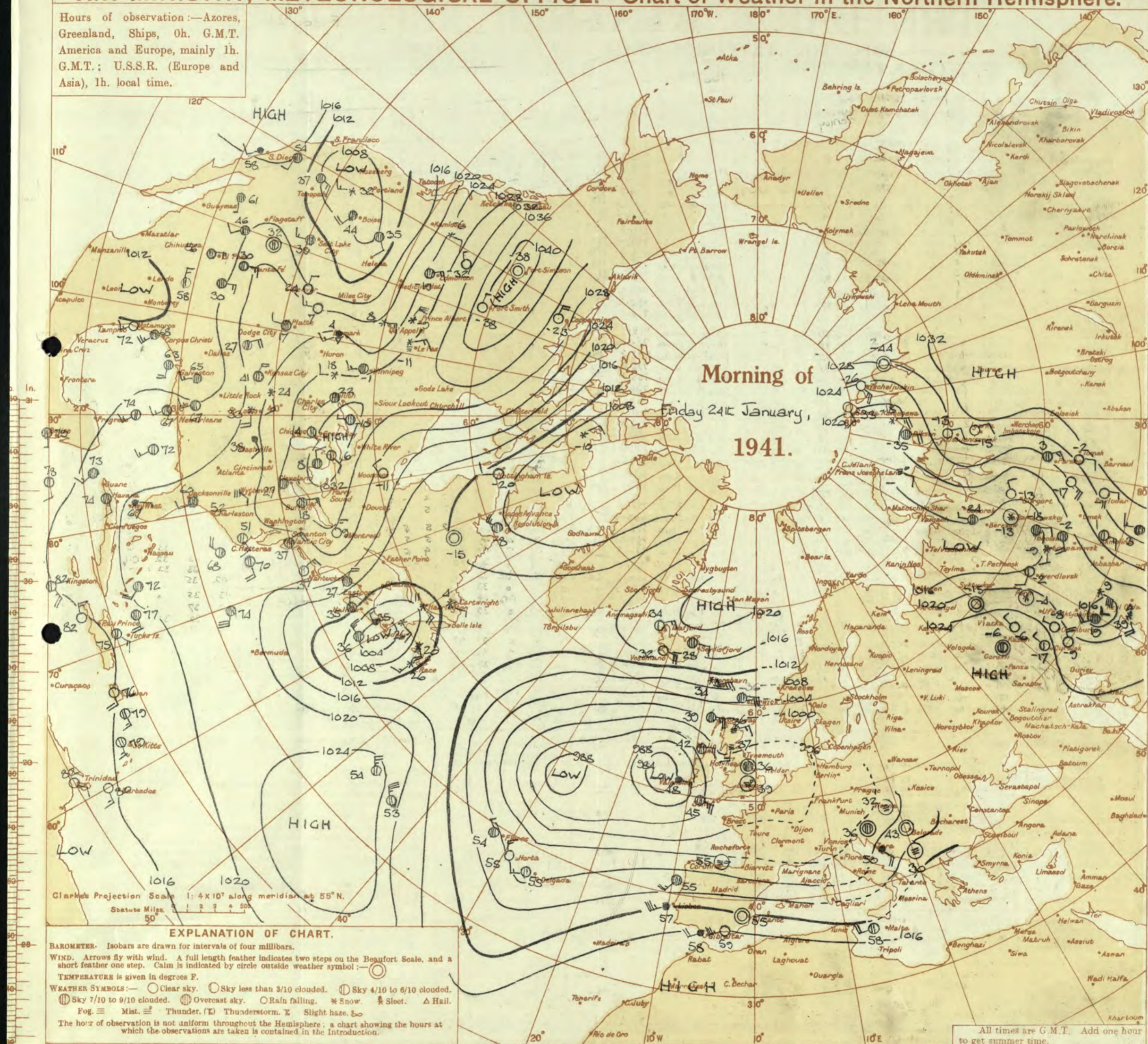
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

H.M.S.O. Press, Court of House S.E.1.

270, 3084, 46, 6048, 2, 3708, 46, 248, 8540, 1/41.

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

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



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 24th January 1941.

No. 28918

OBSERVATIONS at 1 hr. G.M.T. 24th January																	OBSERVATIONS at 7 hr. G.M.T. 24th January																	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. 0-9 (9)	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)	TEMPERATURE.			RAINFALL.		SUNSHINE 23rd Hrs. (36)							
					Direc. (3)	Force. (4)					Form. (10)	Med. (11)	High (12)	Low 0-10 (13)	Total 0-10 (14)			Height of Base. (feet) (14)	Direc. (17)					Force (18)	Form. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	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	29.3	+18	N	0	cf	39	97	3	5	-	10	10	2000	29.5	+16	NE	1	cf	38	97	3	5	-	10	10	2000	1	1	43	38	30	0.3	-	0.0							
	Croydon	217	29.3	+18	N	0	cf	39	97	3	5	-	10	10	2000	29.5	+16	NE	1	cf	38	97	3	5	-	10	10	2000	1	1	43	38	38	0.5	Tr	0.0							
	S. Farnborough	226	29.3	+10	N	0	cf	40	97	5	5	-	10	10	800	29.5	+14	ENE	1	cf	39	97	3	5	-	10	10	500	1	1	43	38	37	0.1	Tr	0.0							
	Boscombe Down	417	29.4	+10	N	0	cf	40	97	4	5	-	10	10	400	29.5	+12	E	2	m	35	97	4	5	-	10	10	500	1	1	43	38	37	0.1	Tr	0.0							
	Calshot (Stmntn.)	8	29.4	+10	N	0	cf	40	97	4	5	-	10	10	400	29.5	+12	NE	2	m	35	97	4	5	-	10	10	500	1	1	43	38	37	0.1	Tr	0.0							
	Lympe	346	29.3	+8	N	2	df	39	97	2	-	-	10	10	4150	29.5	+12	NNW	2	f	38	97	2	-	-	10	10	4150	1	1	44	37	36	0.3	0.5	0.0							
	Manston	154	29.5	+20	N	2	df	38	97	2	-	-	10	10	4150	29.6	+18	NW	2	F	36	97	1	-	-	10	10	4150	1	1	44	36	36	F	Tr	0.0							
2	Shoeburyness	11	29.3	+14	NE	1	F	38	97	1	-	-	10	10	4150	29.5	+10	NNW	1	df	38	97	1	-	-	10	10	4150	1	1	40	37	36	0.4	Tr	0.0							
	Felixstowe	15	29.3	+14	NE	2	F	38	92	5	6	-	10	10	1500	29.6	+20	NNE	2	F	38	97	1	-	-	10	10	4150	1	1	39	37	25	-	0.3	0.0							
	Gorleston	5	29.3	+6	N	2	F	38	97	2	-	-	10	10	4150	29.5	+10	NNE	1	F	37	97	1	-	-	10	10	4150	1	1	43	36	25	F	0.1	0.0							
	Mildenhall	19	29.3	+6	NW	3	F	32	97	1	-	-	10	10	4150	29.6	+6	NNW	2	F	33	97	1	-	-	10	10	4150	4	4	35	32	32	1	4	0.0							
	Cranwell	240	29.4	+6	NW	3	F	32	97	1	-	-	10	10	4150	29.6	+6	NNW	2	F	33	97	1	-	-	10	10	4150	4	4	35	32	32	1	4	0.0							
3	Birmingham	535	29.4	+14	NE	2	F	35	97	1	-	-	10	10	4150	29.5	+2	ESE	1	df	35	97	1	-	-	10	10	4150	1	1	41	34	33	Tr	0.2	0.0							
	Upper Heyford	408	29.4	+14	NE	2	F	35	97	1	-	-	10	10	4150	29.5	+2	ESE	1	df	35	97	1	-	-	10	10	4150	1	1	41	34	33	Tr	0.2	0.0							
4	Ross-on-Wye	223	29.4	+14	NE	2	F	35	97	1	-	-	10	10	4150	29.5	+2	NE	1	df	33	97	1	-	-	10	10	4150	6	6	33	33	32	0.3	0.4	0.0							
5	Hartland Point	299	29.1	-2	SE	3	bc	39	97	7	5	-	2.3	2.3	1500	29.8	-22	ENE	3	rr	42	97	7	5	2	-	7.8	10	200	1	4	43	36	35	-	1	2.0						
	Bristol	209	29.4	+12	-	0	df	36	97	1	-	-	10	10	4150	29.0	-2	ESE	1	f	38	97	3	5	-	10	10	1100	1	1	42	36	36	0.1	2	0.0							
	Portland Bill	32	29.3	+12	NE	2	0	40	92	7	5	-	10	10	2500	29.3	-10	E	3	0	43	92	7	5	-	10	10	2500	1	3	43	39	39	0.1	-	0.0							
	Plymouth	82	29.2	+6	E	2	0	41	97	6	5	-	4.6	4.6	1000	29.2	-10	ESE	4	rr	44	92	6	-	2	-	10	10	600	1	2	48	39	39	-	0.6	1.3						
	The Lizard	240	29.1	-2	SE	5	bc/pr	46	92	8	8	-	4.6	4.6	2500	29.8	-4	SE	6	pr	47	97	7	8	2	-	7	10	1500	1	5	51	44	44	-	2	3.7						
	Scully (St. Mary's)	163	29.8	+14	SE	5	0	45	97	8	5	6	4.6	4.6	2500	29.6	-4	S/E	4	c	49	97	7	8	-	7.8	7.8	1200	1	4	49	46	46	3	3	1.4							
	Gurnsey	175	29.8	+14	SE	5	0	45	97	8	5	6	4.6	4.6	2500	29.6	-4	S/E	4	c	49	97	7	8	-	7.8	7.8	1200	1	4	49	46	46	3	3	1.4							
6	Pembroke	142	29.2	0	E/S	4	bc	40	97	6	5	-	4.6	4.6	2500	29.1	-6	E/S	6	rr	40	97	6	8	-	10	10	1600	1	4	43	38	38	-	0.2	0.0							
7	Holyhead	26	29.2	+8	E/S	3	bc	38	92	4	5	-	2.3	2.3	6000	29.3	-2	ENE	4	0	37	97	6	5	1	-	Tr	2.3	3500	1	3	46	35	31	0.1	1.1							
	Chester (Sealand)	16	29.5	+14	SE	2	F	34	97	1	-	-	10	10	4150	29.5	-2	E	1	F	34	97	1	-	-	10	10	4150	6	6	33	30	29	-	Tr	1.8							
8	Manchester	70	29.5	+14	W	1	F	30	97	0	-	-	10	10	4150	29.6	-2	NNE	1	F	31	97	0	-	-	10	10	4150	1	1	37	28	28	-	-	1.2							
10	Spurn Head	29	29.6	+6	-	0	0	36	97	5	5	-	10	10	450	29.5	+10	-	0	cf	39	97	1	-	-	10	10	4150	1	3	37	36	36	Tr	Tr	0.0							
	Catterick	175	29.6	+10	NW	2	f	34	97	2	-	-	10	10	4150	29.7	+2	-	0	f	36	97	2	-	-	10	10	4150	6	6	33	31	31	Tr	0.1	0.0							
	Tynemouth	108	29.5	+12	S	3	cf	37	85	3	5	-	10	10	1500	29.7	+6	W	1	rr	39	97	5	-	2	-	10	10	1500	1	3	39	36	35	5	5	0.0						
11	St. Abbs Head	280	29.6	+10	NW	1	0	38	97	5	4	4	2.3	4.6	2500	29.7	+6	NW	1	0	38	97	5	5	5	-	4.6	9	2500	1	2	41	37	35	-	Tr	0.0						
	Leuchars	36	29.6	+10	NNE	1	0	38	97	4	5	-	10	10	500	29.8	+4	NE	1	0	38	97	5	5	2	-	7.8	10	900	2	2	39	35	33	0.1	0.0							
12	Renfrew (Abbots L.)	19	29.7	+10	ESE	1	cf	37	97	2	5	-	9	9	3500	29.8	+4	ENE	3	mf	38	92	4	5	-	10	10	800	1	1	40	35	32	0.1	-	0.0							
	Eekdalemuir	794	29.7	+10	ESE	1	cf	37	97	2	5	-	9	9	3500	29.8	+4	ENE	3	mf	38	92	4	5	-	10	10	800	1	1	40	35	32	0.1	-	0.0							
	Point of Ayre	30	29.4	+14	E	4	b	38	92	6	5	-	1	1	1500	29.3	+6	SE	2	0	35	97	3	5	-	10	10	450	1	1	41	33	32	-	-	0.4							
	Point of Ayre	30	29.4	+14	E	4	b	38	92	6	5	-	1	1	1500	29.3	+6	SE	2	0	36	92	6	5	-	10	10	1500	1	4	42	35	35	-	-	0.2							
13A	Tiree	22	29.7	+10	E	5	c	39	97	7	5	7	4.6	10	1500	29.6	+4	NE/E	4	b	40	85	8	-	4	-	0	Tr	-	0	3	43	35	35	-	-	0.0						
13B	Stornoway	80	29.7	+10	E	5	c	39	97	7	5	7	4.6	10	1500	29.6	+4	ENE	5	bc	38	97	7	7	7	-	2.3	4.6	2000	1	3	40	37	35	0.2	1	0.0						
15	Dalwhinnie	1176	29.7	+10	E	5	c	39	97	7	5	7	4.6	10	1500	29.7	+4	NE	3	0	33	97	4	5	-	10	10	800	6	6	38	32	31	1	4	0.1							
	Aberdeen	79	29.7	+10	E	5	c	39	97	7	5	7	4.6	10	1500	29.7	+4	NE	3	0	33	97	4	5	-	10	10	800	6	6	38	32	31	1	4	0.1							
	Wick	81	29.7	+10	E	5	c	39	97	7	5	7	4.6	10	1500	29.7	+4	NE	3	0	33	97	4	5	-	10	10	800	6	6	38	32	31	1	4	0.1							
16	Lerwick	156	29.7	+10	E	6	c	36	75	7	5	7	4.6	10	800	29.7	+4	E	5	c	39	92	8	8	7	-	7.8	9	1500	1	4	40	36	36	1	0.2	0.0						
17	Blackod Point	18	29.0	0	ESE	4	c	38	97	8	-	7	-	0	7.8	-	-2	E/S	5	c	39	97	8	-	7	-	0	9	-	0	5	46	37	37	-	-	0.0						
18	Malin Head	84	29.4	+10	E	3	0	42	92	5	8	-	7.8	7.8	800	29.4	+4	EN	4	c	42	85	6	9	-	7.8	7.8	1500	0	3	43	40	32	Tr	0.2	2.0							
	Aldergrove	268	29.3	+6	EN	3	0	38	92	6	5	-	7.8	7.8	6500	29.4	-2	E	4	0	37	92	6	5	-	1	1	1000	4	4	41	36	36	Tr	0.0	0.0							
19	Birr Castle	173	29.1	0	SSE	1	bc	40	85	8	5	-	4.6	4.6	2500	29.0	-6	ESE	2	c	41	85	8	5	-	10	10	2500	1	1	47	39	36	0.1	0.1	2.7							
20	Valentia Obay.	30	29.5	-6	E/S	4	id	48	85	8	5	-	7.8	7.8	2500	29.1	-14	ESE	5	dr	48	85	7	5	2	-	7.8	10	1500	1	1	46	42	35	0.3	2							

LONDON OBSERVATIONS.										EXPLANATION OF FIGURES, LETTERS, etc.									
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.										Columns 2, 16. The barometric tendency is expressed in tenths of a millibar.									
Columns 8, 22—Code for surface visibility.										Columns 30—Code for State of Sea.									
Columns 3, 21—Code for state of sky.										Columns 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.									
Kew... .. Croydon... .. Greenwich (Royal Observatory)... City (Bunhill Row)... .. Westminster (St. James' Park)... Regents Pk. (Botanic Gardens)... Camden Square... .. Kensington... .. Hampstead Observatory... ..										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.									
Foreign Observations.										Columns 3, 21—Code for state of sky.									
Stations.										Columns 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.									

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

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

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

SECRET

Page 1.

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Saturday 25th January 1941.
No. 28919

OBSERVATIONS at 13h. G.M.T. 24th January														OBSERVATIONS at 18h. G.M.T. 24th January														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Barom. at M.S.L. mb. (29)	State of Ground. 0-9 (30)	Sea. 0-9 (31)	WEATHER.				
				Direc. (3)	Force. (4)					Form. (9)	Med. (10)	High (11)	Low (12)	Total (13)			Height of Base. (feet) (14)	Form. (23)					Med. (24)	High (25)	Low (26)	Total (27)	Height of Base (feet) (28)				7h.—13h. 24th (37)	13h.—18h. 24th (38)	18h.—24h. 25th (39)	1h.—7h. 25th (40)	
1	London (Kew)...	997.1	0	ESE	2	m	41	92	4	S	-	-	10	10	1500	997.1	+6	EN	3	md	42	92	4	S	-	-	10	10	1500	1	*	cmofm	cm	cm	cm
	Croydon ...	996.9	+2	SE	1	m	40	97	4	S	-	-	10	10	800	996.8	+4	SE	2	md	41	97	4	S	2	-	10	10	1200	1	*	ofcm	cm	cm	cm
	S. Farnborough	996.5	-4	ES	2	id	40	85	4	S	-	-	10	10	400	996.7	+6	E	3	of	41	97	3	S	-	-	10	10	400	1	*	fidmo	midfo	fmdo	fidmo
	Boscombe Down	996.0	0	ES	3	z	41	97	5	S	-	-	10	10	500	995.5	0	ESE	3	d.d.	41	97	5	S	-	-	10	10	300	1	*	omom	oido	oido	omom
	Calshot (Soton.)	995.8	-2	ESE	4	id	42	92	5	S	2	-	9	10	600	995.5	+2	ESE	4	d.d.	41	97	2	S	-	-	10	10	400	1	4	ofcm	idod	idod	ofcm
	Lympe	998.5	+4	ESE	1	of	39	97	3	S	-	-	10	10	100	998.3	0	ESE	2	f	40	97	2	S	-	-	10	10	150	1	2	FF	FF	FF	FF
	Manston	997.6	0	ESE	1	F+	39	97	1	*	-	-	10	10	150	998.0	+2	ESE	2	df	40	97	3	S	-	-	10	10	200	1	*	pff	offf	offf	offf
2	Shoeburyness ...	998.4	0	-	0	f	38	97	1	*	-	-	10	10	150	998.3	0	EN	0	F	39	97	1	*	-	-	10	10	150	1	*	omff	FF	F	F
	Felixstowe	997.5	+2	NE	2	f	39	97	2	*	-	-	10	10	150	998.2	+6	EN	3	F	38	97	3	S	-	-	10	10	150	1	2	offf	offf	offf	offf
	Gorleston	998.7	+6	E	2	F	38	97	1	*	-	-	10	10	150	1000.3	+6	ES	3	o	38	92	5	S	-	-	10	10	800	1	2	offe	offe	offe	offe
	Mildenhall	997.3	+2	ESE	2	m	40	97	4	S	-	-	10	10	500	998.0	+2	E	2	rf	40	97	2	S	-	-	10	10	150	1	*	ofcom	r	offf	offf
	Cranwell	998.7	+10	E	1	F+	39	97	1	*	-	-	10	10	150	998.8	+2	ESE	3	F	39	97	1	*	-	-	10	10	150	4	*	d	pff	offf	offf
3	Birmingham	997.1	+2	ESE	2	rf	36	97	1	*	-	-	10	10	150	997.0	0	ESE	2	rf	36	97	1	*	-	-	10	10	150	1	6	Fr.	Fr.	Fr.	Fr.
	Upper Heyford	996.4	-2	ES	2	df	37	97	3	S	-	-	10	10	150	996.6	+4	ES	2	f	39	97	2	S	-	-	10	10	150	1	*	podof	odof	odof	odof
4	Ross-on-Wye ...	995.6	-6	EN	2	df	36	97	3	S	-	-	10	10	480	995.5	0	ENE	2	df	37	97	2	S	-	-	10	10	220	4	*	FeFdf	dfrf	odf	odf
5	Hartland Point	991.0	+8	ESE	4	c	40	97	8	7	6	-	46	7.8	1500	991.6	+8	SE	3	pr	47	97	7	8	2	-	7.8	9	1200	1	4	crrc	cp	crbc	crbc
	Bristol ...	994.9	-6	ESE	3	r	41	97	5	2	-	-	10	10	700	994.8	+4	E	3	z	42	97	5	S	-	-	10	10	1000	1	*	cmr	cmr	cmr	cmr
	Portland Bill	994.1	-10	E	4	r	43	92	7	S	-	-	10	10	2500																				
	Plymouth	991.8	0	S	4	pr	50	97	6	2	-	-	9	9	2000	992.7	+10	SSW	4	c	48	97	5	S	-	-	7.8	7.8	1000	1	4	cmr	cmr	cmr	cmr
	The Lizard	990.0	0	SSW	5	c	51	97	7	8	6	-	7.8	7.8	2500	992.0	+10	SSW	4	bc	48	97	6	8	6	-	4.6	4.6	2000	1	4	c	cbc	cbc	cbc
	Scilly (St. Mary's)	989.5	+12	SW	4	z	52	92	6	8	4	-	2.3	4.6	1500	990.5	+8	SW	2	c	49	97	6	8	4	3	4.6	3	1500	1	3	pr	cbc	cbc	cbc
	Guernsey																																		
6	Pembroke	990.7	0	ESE	6	pr	42	97	6	6	2	-	9	10	1000	991.7	+10	SEE	6	r	43	97	6	S	-	-	10	10	1500	1	3	prmo	cirom	mo	ir
7	Holyhead	993.1	-6	ENE	3	z	41	85	6	5	7	-	7.8	9	5700	992.9	-2	ENE	5	r	39	97	6	S	2	-	4.6	10	600	1	4	bm.c	r	r	r
	Chester (Sealand)	996.4	-2	ESE	1	cf	36	92	2	S	-	-	10	10	600	995.6	+4	SE	2	rf	36	97	3	S	-	-	10	10	600	6	*	FF dfo	r	r	r
8	Manchester	996.8	0	ESE	2	f	37	97	3	S	-	-	10	10	2500	996.8	0	E	3	rf	40	92	3	S	-	-	4.6	10	1600	1	*	OFFF	c	fmf	fmf
10	Spurn Head	998.2	+12	SE	3	f	37	97	2	*	-	-	10	10	150	999.0	+2	ESE	4	m	37	97	4	S	-	-	10	10	800	0	4	FF	fm	om	*
	Catterick	998.4	+2	-	0	rf	37	92	3	*	-	-	10	10	150	999.6	+10	-	0	df	37	97	1	*	-	-	10	10	150	4	3	ofor	fir	fdr	*
	Tynemouth	998.6	0	SE	3	c	40	92	7	8	-	-	9	9	1800	999.3	+12	SE	4	o	41	92	6	S	-	-	10	10	1300	1	3	orrc	co	oir	*
11	St. Abbs Head	999.5	+6	E	4	ir	38	97	7	5	2	-	9	10	2000	1000.3	+6	E	4	r	39	97	7	5	-	-	10	10	2000	1	4	prcr	cor	cr	*
	Leuchars	1000.4	+10	ESE	4	ir	40	92	7	5	-	-	10	10	1200	1001.7	+10	E	5	r	39	97	7	5	-	-	10	10	1200	1	*	cmpr	ir	cr	*
12	Reafrow (Abbots L)	999.6	+2	ENE	3	z	40	85	5	S	-	-	9	9	1200	999.8	+2	E	3	z	39	92	5	S	-	-	9	9	1000	1	*	cm	cm	cm	cm
	Eskdalemuir	998.3	+2	EN	3	o	37	97	6	S	-	-	10	10	150	999.0	+6	ENE	3	o	39	97	5	S	-	-	10	10	220	1	*	ofcom	ir	ir	ir
	Point of Ayre	996.5	+2	ES	3	c	35	92	6	S	-	-	9	9	2500	999.2	0	ES	4	c	41	85	6	S	-	-	10	10	2500	1	4	bcc	c	cc	cc
13A	Tiree	998.2	0	ENE	3	b	42	75	8	1	4	S	7	1	3500	999.7	+4	ENE	3	c	41	85	8	S	-	-	7.8	7.8	2800	0	3	bc	bc	bc	bc
13B	Stornoway	1003.6	+6	E	5	c	40	*	8	5	7	-	4.6	7.8	2500	1006.1	+6	E	5	c	39	97	7	5	7	-	7.8	9	2500	1	3	bcc	bc	bc	bc
15	Dalwhinnie	1000.6	+4	N	2	0	33	92	7	5	-	-	10	10	800	1002.0	+8	ENE	3	pr	33	85	7	5	-	-	4.6	4.6	800	4	*	co	cpr	c	c
	Aberdeen	1002.8	+4	SEE	3	r	38	85	7	6	2	-	9	10	1500	1004.7	+10	ESE	4	r	37	85	6	2	-	-	9	10	1500	1	4	crr	crr	crr	crr
	Wick	1004.5	+10	E	5	pr	37	97	7	8	7	-	4.6	9	1500	1005.8	+6	ESE	5	c	38	85	8	5	7	-	4.6	7.8	1500	1	4	cpr	cpr	cpr	cpr
16	Lerwick	1007.8	+6	ENE	5	c	37	65	8	8	7	-	7.8	9	1500	1009.1	+8	NEE	5	c	37	65	7	8	7	-	7.8	9	1500	6	*	c	cpr	c	*
17	Blacksod Point	991.1	0	E	5	c	41	92	7	5	-	-	10	10	1500	990.8	0	EN	6	ir	40	97	7	6	-	-	10	10	800	7	5	c	ir	rr	bc
18	Malin Head	996.0	+10	E	5	z	42	85	7	6	-	-	7.8	7.8	1500	995.9	+2	E	4	c	42	85	7	5	-	-	9	9	2500	0	3	c	c	c	c
	Aldergrove	995.6	0	E	4	z	37	85	5	S	-	2	9	500	994.9																				

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

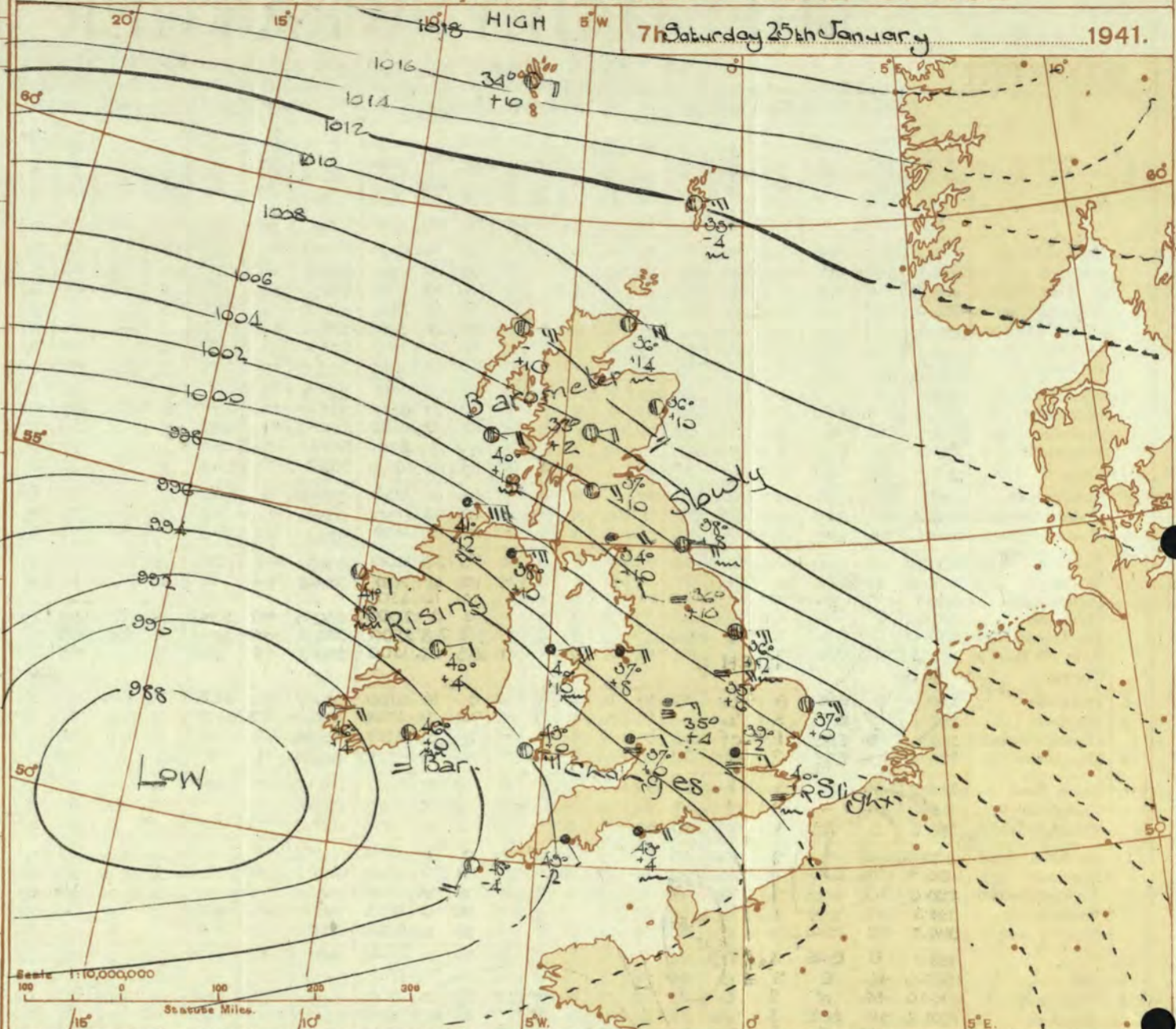
Abridged observations of additional stations in the

AVIATION WEATHER CODE

13h. G.M.T. 24th January				15h. G.M.T.				01h. G.M.T. 25th January				07h. G.M.T.			
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN
109				9-	27745	41485	8-	02747	08487	5-	01863	10413			
11587	88844	08585		87	14844	41585	87	14844	45525	52	14844	45585			
203				8-	02847	08417	5-	01844	08414						
20852	22744	08368		62	62745	08468	5-	01854	08464	5-	02858	10428			
21012	61833	33368		57	22844	08365	5-	01844	10214	5-	02857	10527			
220				20	01762	09302	58	01753	07403						
23050	01353	06314		80	01853	10114	5-	02857	10417	57	02865	47467			
2458	02747	10487		5-	62648	41668	5-	62538	41768						
2045	41438	06348		5-	62528	08308	5-	61538	08468	52	62645	39368			
27784	01763	08303		59	02765	07427	5-	62648	07468	52	61787	41468			
2795	05656	06326		57	05563	07325				02	63648	04468			
2855	03638	09228		--	67209	08349				-2	74438	08578			
288--	44205	13143		5-	05548	10148	5-	62548	06268						
27843	08444	07628													
30157	43355	08345		02	67358	09268	02	224-8	10368	5-	22548	10468			
321-	44109	00049		--	22209	10269	5-	44328	10348	5-	22548	10468			
298-	41409	10349		5-	05538	10488				5-	05548	08528			
292-	46205	30149		5-	47338	10168				5-	05638	10268			
310-	46103	24349													
310-	57103	04149		--	48009	08169	--	46109	08169						
3385	62753	08468		5-	51528	07558	5-	05558	07468	57	61654	05567			
334															
3405	51428	12358		--	67109	10268	5-	57228	09568	5-	62528	06668			
136				--	48009	10249	--	48009	08349	5-	05528	09458			
336-	67403	14379		--	67409	14369				--	62509	12369			
350-	08403	10243								62	64528	10368			
368															
378-	46103	08353		--	57109	10359	--	67109	10459	--	67309	10469			
3905	43307	10248		--	48009	10149	--	48009	07249	--	67109	06359			
3805	22328	09348		5-	47328	09368	5-	61438	07368	02	64428	07368			
4302	67003	02263								02	67009	04349			
435-	62438	08368		5-	57328	12258	5-	67228	12368	02	67338	16368			
4002	10646	15486		23	02653	16285	52	61636	12468	24	61635	12466			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Saturday 25th January

1 S.E. England	Light or moderate east wind, fresh locally on East coast. Dull; rain at times; some mist. Day temperature below average.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate or fresh south wind, occasional rain but bright intervals: mild.
6 South Wales ...	Moderate or fresh southeast wind; cloudy; occasional rain: average temperature.
7 North Wales ...	Moderate or fresh east wind, strong locally on coast. Dull; rain at times, mist locally: rather cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Moderate or fresh east wind; cloudy: wintry showers, snow on high ground: rather cold.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. ↑ B.N.W. Scot. ↑ land.	
14 Mid Scotland	
15 N. E. Scotland	As 7-13A.
16 Orkneys and Shetlands	
17 N. W. Ireland ↑	
18 N. E. Ireland	Moderate southeast wind; occasional rain, bright intervals: mild.
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 stationary depression off Southwest Ireland with a trough over Southern England is filling up slowly but further secondary troughs will approach from southwest. The anticyclone north of Iceland is spreading slightly southeast. There will be rain in most areas and snow on high ground in North Scotland, but fog will dissipate or become only mist. Day temperature will be below average except in the South-west.

FURTHER OUTLOOK.

Not much change. Somewhat colder in Scotland and extreme North of England, with snow locally, especially on high ground.

Gale warning in operation in districts 13A & B, and 17. Issued 0700. 25.1.41.

Forecasts issued at 030. G.M.T.

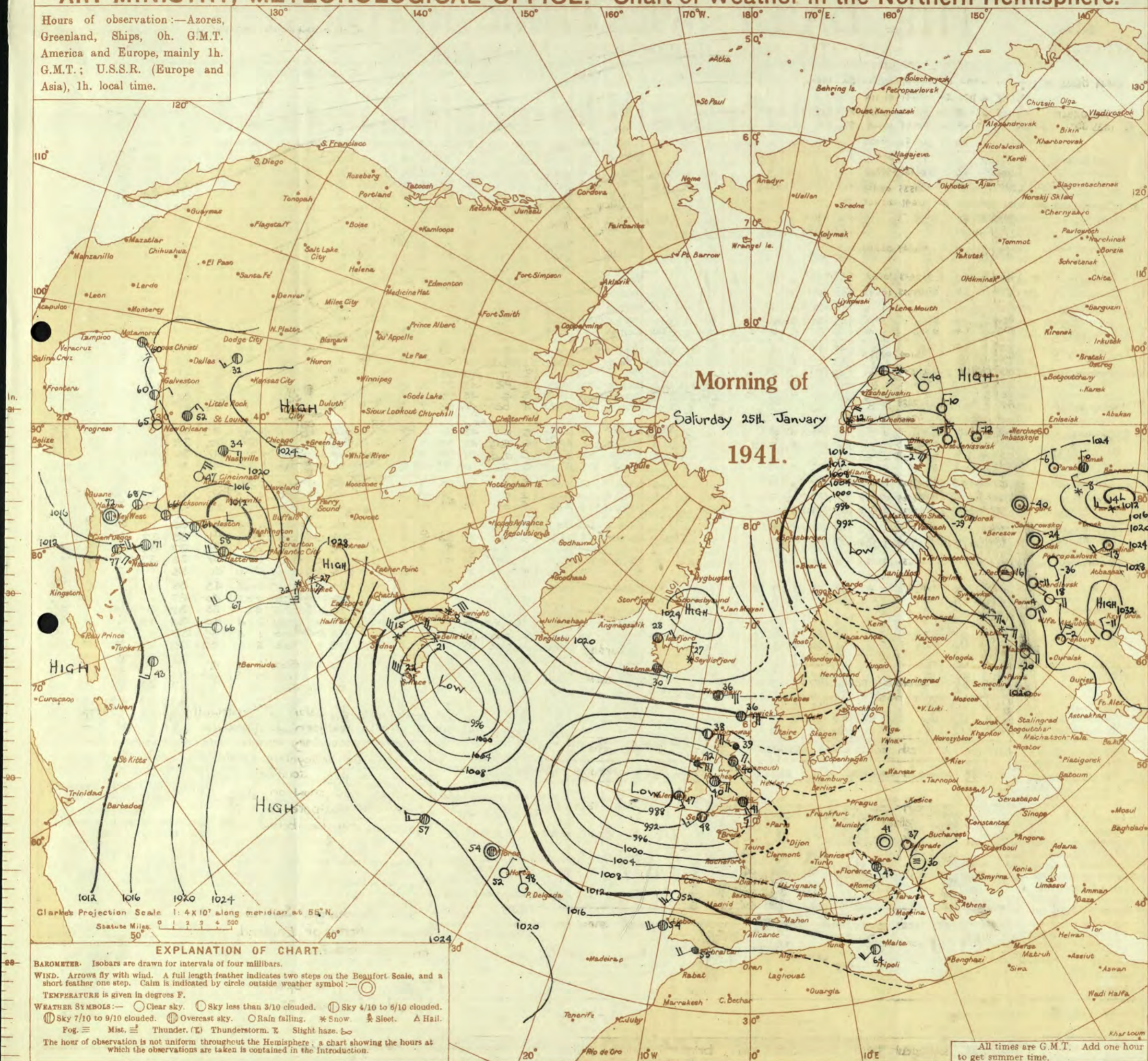
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

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

670/3594. W. 5049. 2.3705. 2p. 248. 2500. 1/41.

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 25th January 1941.
No. 25,913

OBSERVATIONS at 1 hr. G.M.T. 25th January 1941.

OBSERVATIONS at 7 hr. G.M.T. 25th January 1941.

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. mi.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. mi.	Cloud.				State of Ground.	Sea. 0-9	TEMPERATURE.				RAINFALL.		SUN- SHINE 24 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	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	997.4	0	E/H	4	ir	41	97	4	6	2	-	7-8	10	1500	1	*	42	40	39	Tr	2	0.0				
	Croydon	217	996.3	+2	SE	2	3	41	97	4	5	-	10	10	1200	997.1	-2	ESE	3	rr	39	97	3	-	2	-	10	10	800	1	*	41	38	38	0.2	0.3	0.0	
	S. Farnborough	226	996.8	+2	ES	3	3/4	41	92	4	5	-	10	10	300	996.7	-2	E/H	3	rr	40	97	4	5	-	-	10	10	500	2	*	41	40	39	Tr	4	0.0	
	Boscombe Down	417	*	*	*	*	*	*	*	*	*	*	*	*	*	996.2	-2	E	4	rr	41	97	5	6	2	-	9	10	300	1	*	42	40	39	Tr	7	0.0	
	Calshot (Stmnt.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	995.6	0	ESE	4	rr	42	97	6	-	2	-	10	10	600	1	4	42	40	40	0.1	0.8	0.0	
	Lymington	346	998.3	0	ESE	2	9/10	41	97	2	-	-	10	10	4150	998.5	0	E	4	rr	40	97	2	-	-	-	10	10	2150	1	*	40	40	39	2	1	0.0	
	Manston	154	998.1	0	ESE	2	9/10	39	97	3	5	-	10	10	200	998.8	+6	E/H	3	f	39	97	2	-	-	-	10	10	2150	1	*	40	39	38	Tr	0.1	0.0	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	999.3	+4	NE/E	2	ir	39	97	4	5	-	-	10	10	450	1	*	39	37	38	-	0.1	0.0	
	Felixstowe	15	998.6	+2	E	3	3	38	97	2	-	-	10	10	2200	999.5	+6	E/H	4	df	37	97	3	5	-	-	10	10	200	1	4	39	37	36	Tr	0.0	0.0	
	Gorleston	5	*	*	*	*	*	*	*	*	*	*	*	*	*	1000.3	0	E	5	0	37	92	6	5	-	-	10	10	1500	3	3	38	36	36	-	-	0.0	
	Mildenhall	19	998.8	+6	E	3	10	38	97	4	5	-	10	10	300	999.5	+6	E	4	o/f	38	97	4	5	-	-	10	10	300	1	*	40	37	35	Tr	0.0	0.0	
	Cranwell	240	999.5	+8	ESE	3	10	35	97	1	-	-	10	10	4150	1000.7	+6	E	4	f	35	97	2	-	-	-	10	10	4150	4	*	35	34	32	Tr	0.2	0.0	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	999.7	+4	E/H	3	rr	35	97	3	6	-	-	10	10	450	6	*	36	35	34	0.6	4	0.0	
	Upper Heyford	408	996.7	0	E/H	2	9/10	39	97	3	5	-	10	10	200	997.4	+4	E/H	3	rr	38	97	5	-	2	-	10	10	400	1	*	39	37	36	0.1	7	0.0	
4	Ross-on-Wye	223	996.0	+4	E/H	2	9/10	38	97	2	5	-	10	10	200	997.0	0	E/H	2	df	37	97	3	5	-	-	10	10	450	4	*	37	37	35	2	4	0.0	
5	Hartland Point	299	992.3	+4	SE	3	3	46	97	7	8	-	9	9	1500	993.1	0	SE	3	bc	44	97	3	5	-	-	46	46	2000	1	4	47	43	40	5	9	0.0	
	Bristol	209	995.4	+6	E	3	3	42	97	5	5	-	10	10	600	996.0	+2	E	1	dado	42	97	4	6	2	-	9	10	500	1	*	43	40	40	2	3	0.0	
	Portland Bill	32	994.3	+4	E	2	3	43	92	7	5	-	10	10	2500	994.7	+4	E	2	rr	43	85	7	5	-	-	10	10	1500	1	4	44	41	40	10	0.0		
	Plymouth	82	993.6	+2	SSW	2	3	48	97	5	5	-	4-6	4-6	1000	994.3	-2	SE	1	pr	45	97	5	8	-	-	9+9	9+9	1000	1	1	51	44	42	3	4	0.0	
	The Lizard	240	992.5	+4	S	3	3	48	97	7	8	-	4-6	4-6	2000	992.9	0	S	5	pr	48	92	7	8	6	-	7-8	7-8	2500	1	4	52	46	42	1	2	4.3	
	Scilly (St. Mary's)	183	991.2	+4	SW	2	3	48	97	7	4	-	Tr	Tr	2500	991.3	-2	SW/S	4	bc	48	85	7	8	-	-	2-3	4-6	2500	1	3	53	47	42	Tr	5.6	5.2	
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	*	993.7	0	E/S	5	bc	43	97	6	8	2	-	46	10	2000	1	3	43	41	40	10	6	0.0	
6	Pembroke	142	992.8	+2	ESE	5	3	43	97	5	5	-	10	10	1500	993.7	0	E/S	5	bc	43	97	6	8	2	-	46	10	2000	1	3	43	41	40	10	6	0.0	
7	Holyhead	26	993.5	+6	E/H	4	3	41	92	4	6	2	-	10	10	900	993.8	+10	E/H	6	pr	40	92	5	6	2	-	4-6	10	900	1	5	43	38	38	2	3	0.4
	Chester (Sealand)	16	996.8	+4	SE	2	3	37	92	5	5	-	10	10	900	996.8	+8	E	2	dado	37	92	5	5	-	-	10	10	1100	6	*	37	36	34	2	1	0.0	
8	Manchester	70	998.0	+10	E	2	3/4	39	92	4	5	-	10	10	1500	998.7	+8	E	5	bc	38	85	5	5	-	-	10	10	1200	1	*	41	37	35	Tr	0.5	0.0	
10	Spurn Head	29	1000.7	+8	ESE	5	3	37	92	5	5	-	10	10	800	1000.5	+2	E/S	5	bc	36	92	7	5	-	-	10	10	1500	1	4	39	35	34	Tr	Tr	0.0	
	Catterick	175	1000.8	+10	ESE	2	3	37	97	2	-	-	10	10	4150	1003.2	+10	W/H	2	cf+	36	92	3	5	-	-	10	10	800	4	*	37	36	34	0.3	6	0.0	
	Tynemouth	108	1001.2	+12	SE	4	3/4	41	92	6	-	2	-	10	10	1500	1005.3	+8	ESE	4	of	38	92	6	-	2	-	10	10	1500	1	4	42	37	34	4	5	*
11	St. Abbs Head	280	1002.1	+18	SE	5	3	38	97	7	5	-	10	10	2000	1005.5	+10	SE	5	bc	36	97	6	5	-	-	10	10	2000	1	4	40	36	34	0.3	3	*	
	Leuchars	36	1002.9	+6	E	5	3	38	92	6	-	2	-	10	10	800	1006.0	+8	E	5	rr	36	92	5	6	2	-	7-8	10	800	2	*	41	35	33	1	7	0.0
12	Renfrew (Abbots I.)	19	1000.7	+8	E/H	4	3	37	92	6	6	-	10	10	700	1004.0	+10	E	4	c/r	37	85	5	6	2	-	7-8	10	800	1	*	41	37	34	Tr	2	0.1	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.4	+10	E/H	4	bc	34	92	6	-	2	-	10	10	800	1	*	37	33	33	1	5	0.0	
	Point of Ayre	30	*	*	*	*	*	*	*	*	*	*	*	*	*	999.6	+12	SE	6	bc	39	92	7	6	2	-	7-8	10	1500	1	5	41	38	34	1	11	0.0	
13A	Tiree	22	999.5	+8	E/H	4	3	39	78	8	4	-	Tr	1*	3900	1002.1	+10	E/H	4	c	40	78	8	5	-	-	9+9	9+9	400	0	4	43	38	34	-	-	6.0	
13B	Stornoway	80	1005.0	+8	E	6	3	38	78	7	5	-	2-3	2-3	2500	1006.5	+2	E/H	4	c	38	92	7	6	-	-	7-8	7-8	2500	1	3	40	37	34	-	-	1.6	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.5	+2	E/H	4	c	38	92	7	6	-	-	7-8	7-8	1500	4	*	35	32	30	0.2	-	0.0	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.9	+10	SE	3	4/phr	36	78	7	5	2	-	7-8	10	2500	1	4	40	34	32	4	2	0.0	
	Wick	81	1007.3	+14	ESE	5	5	37	92	8	5	7	-	4-6	7-8	1500	1010.2	+8	ESE	6	bc	38	75	8	8	1	-	4-6	4-6	1500	1	4	39	35	34	1	1	0.0
16	Lerwick	166	1010.7	+10	E/H	5	5	36	85	8	5	7	-	4-6	7-8	1500	1011.9	-4	E/H	5	bc	35	75	7	8	7	-	7-8	9	1500	6	*	39	33	33	Tr	Tr	0.0
17	Blacksod Point	18	991.4	+6	ESE	5	3	40	97	6	6	-	10	10	2200	994.2	+18	ESE	2	bc	41	97																

SECRET

Page 1.

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Sunday 26th January, 1941.
No. 28,920

OBSERVATIONS at 13h. G.M.T. 25th January.														OBSERVATIONS at 18h. G.M.T. 25th January.														PAST 24 HOURS.							
DIRECTION.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	° Humid.	Visibility 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	° Humid.	Visibility 0-9	Cloud.					State of Ground.	Sea.	WEATHER.					
				Dir.	Force.					Low.	Med.	High.	Low 0-10	Total 0-10			Height of Base (feet)	Dir.					Force.	Low.	Med.	High.	Low 0-10			Total 0-10	Height of Base (feet)	7h.—13h. 25th	13h.—18h. 25th	18h. 25th 1h. 26th	1h.—7h. 26th
(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)...	999.6	+6	E	4	16.6	40	97	5	-	-	10	10	1500	1002.1	+22	ENE	4	dodo	39	97	4	5	-	-	10	10	1500	1	*	erm	erm	erm	erm	
	Croydon ...	999.3	+10	ESE	3	16.6	40	97	4	6	2	-	7.8	10	400	1001.5	+14	E	4	dodo	38	97	4	5	-	-	10	10	600	1	*	erm	erm	erm	erm
	S. Farnborough	999.1	+6	ENE	2	16.6	41	97	3	5	-	-	10	10	500	1001.7	+18	ENE	3	df	39	97	3	5	-	-	10	10	300	1	*	erm	erm	erm	erm
	Boscombe Down	999.0	+10	E/N	3	20	41	97	5	-	2	-	10	10	400	1001.0	+14	E/N	3	rf	40	97	3	5	-	-	10	10	300	1	*	erm	erm	erm	erm
	Calshot (Soton.)	998.3	+12	SE'S	2	m	41	97	4	5	-	-	9+	9+	600	1000.4	+14	ESE	2	of	42	97	3	5	-	-	10	10	800	1	1	erm	erm	erm	erm
	Lymington	1000.5	+6	E	3	df	39	97	3	-	-	-	10	10	4150	1002.1	+14	E	2	df	39	97	3	-	-	10	10	4150	1	2	erm	erm	erm	erm	
	Manston	1000.6	+8	E	4	16.6	38	97	4	5	-	-	10	10	200	1002.2	+14	E/N	4	dodo	38	97	4	5	-	-	10	10	100	1	*	erm	erm	erm	erm
2	Shoeburyness ...	1000.8	+6	ENE	3	16.6	39	97	4	-	2	-	10	10	800	1002.0	+16	E/N	3	rr	38	97	4	-	2	-	10	10	450	1	*	erm	erm	erm	erm
	Felixstowe ...	1001.4	+8	E	5	16	37	97	6	5	-	-	10	10	600	1003.1	+10	ENE	5	16.6	37	92	5	-	2	-	10	10	800	1	4	erm	erm	erm	erm
	Gorleston	1003.5	+10	E	5	c	37	97	6	5	-	-	10	10	1200	1006.0	+12	E/N	5	c	36	92	5	5	-	-	10	10	1200	1	4	erm	erm	erm	erm
	Mildenhall	1001.8	+10	E	4	16.6	38	92	5	5	-	-	10	10	600	1003.8	+18	ENE	4	16.6	35	97	5	-	2	-	10	10	700	1	*	erm	erm	erm	erm
	Cranwell	1003.7	+12	E	5	20	35	97	6	5	-	-	10	10	500	1005.6	-6	E	4	1f	35	92	6	5	-	-	10	10	500	4	*	erm	erm	erm	erm
3	Birmingham	1001.6	+8	ENE	3	3f	33	97	3	7	-	-	10	10	220	1003.2	+10	ENE	4	3f	33	97	2	6	-	-	10	10	450	6	*	erm	erm	erm	erm
	Upper Heyford	999.8	+6	ENE	3	1f	37	97	5	2	-	-	9+	9+	300	1002.3	+16	E	3	dodo	36	97	5	6	2	-	9	10	500	1	*	erm	erm	erm	erm
4	Ross-on-Wye ...	999.2	+6	E/N	3	16.6	37	97	6	5	-	-	10	10	800	1001.5	+8	ENE	2	m	35	97	4	5	-	-	10	10	450	1	*	erm	erm	erm	erm
5	Hartland Point	995.7	+8	S	2	c	50	92	8	8	6	4	4-6	7.8	2000	996.2	+2	E	3	c	46	97	7	5	2	-	4-6	9+	2500	1	3	bccp	c	erm	erm
	Bristol ...	998.6	+6	SE	3	20	42	92	5	5	-	-	10	10	700	1000.8	+10	-	0	old	40	97	1	-	2	-	10	10	500	1	*	erm	erm	erm	erm
	Portland Bill	997.7	+6	E	2	0	43	92	7	5	-	-	10	10	2500	998.9	+10	SE	2	bc	44	92	7	5	-	-	4-6	4-6	4000	1	3	erm	erm	erm	erm
	Plymouth	996.8	+8	SW	4	c	51	85	7	2	8	2	4-6	9	2500	996.9	-2	SE	4	1f	47	92	6	5	2	-	7-8	10	1000	1	3	erm	erm	erm	erm
	The Lizard	995.4	+12	SE	5	bc	50	92	7	8	6	-	4-6	4-6	2500	995.2	-4	S	4	c/pr	48	92	7	8	2	-	9	10	1500	1	4	erm	erm	erm	erm
	Scilly (St. Mary's)	993.3	+2	SE	3	pr	48	85	7	8	7	-	4-6	10	1500	992.3	+2	SW	2	-	49	97	7	8	7	-	4-6	10	1500	1	3	bcbp	erm	erm	erm
	Guernsey																																		
6	Pembroke ...	996.2	+6	ESE	5	c	43	97	6	8	2	-	7.8	10	2000	996.1	+4	E	6	0q	41	97	7	5	-	-	10	10	2500	1	3	erm	erm	erm	erm
7	Holyhead ...	998.7	+12	E/N	7	c/r	38	92	6	5	2	-	4-6	10	3800	1000.5	+14	E/N	7	c	37	92	6	5	-	-	10	10	3500	1	5	erm	erm	erm	erm
	Chester (Sealand)	1002.3	+18	E/N	3	16.6	35	92	5	-	2	-	10	10	800	1003.6	+14	E	2	10.50	34	92	4	6	2	-	9	10	600	4	*	erm	erm	erm	erm
8	Manchester	1002.9	+14	E/N	5	16	37	85	5	5	-	-	9+	9+	700	1004.6	+14	ENE	5	16.6	37	85	4	6	2	-	9	10	800	1	*	erm	erm	erm	erm
10	Spurn Head	1001.4	+10	E	5	c	37	85	7	5	-	-	10	10	2500	1005.9	+10	E	5	c	37	92	7	5	1	-	7-8	10	2500	1	4	c	c	erm	erm
	Catterick	1006.4	+14	ESE	2	dodo	36	85	5	5	2	-	7.8	7.8	1100	1008.4	+14	ENE	2	20	35	85	6	5	2	-	9	10	1500	4	3	erm	erm	erm	erm
	Tynemouth	1007.1	+16	E	5	16	37	97	7	-	2	-	10	10	1500	1009.0	+12	E	6	0/r	37	85	7	-	2	-	10	10	1500	1	5	erm	erm	erm	erm
11	St. Abbs Head	1008.2	+8	ESE	5	16.6	36	97	7	5	2	-	7.8	10	1500	1011.1	+18	ESE	5	16.6	37	85	8	8	2	-	4-6	10	2000	1	4	erm	erm	erm	erm
	Leuchars	1008.8	+10	E	5	16	37	85	6	5	2	-	9	10	800	1010.9	+14	E	5	16	36	85	6	5	-	-	10	10	300	1	*	erm	erm	erm	erm
12	Reitfrew (Abbots L.)	1007.1	+10	E	4	dodo	37	92	5	6	2	-	9	10	800	1009.3	+10	E	3	c/r	37	85	5	5	2	-	4-6	10	1200	1	*	erm	erm	erm	erm
	Eskdalemuir	1006.0	+8	E/N	4	16.50	35	85	7	6	-	-	10	10	800	1008.8	+16	ENE	3	16.50	33	85	7	6	-	-	10	10	800	1	*	erm	erm	erm	erm
	Point of Ayre	1002.8	+16	SE/E	6	c	40	85	8	2	-	-	9	10	1500	1005.1	+14	SE/E	5	c	40	75	8	8	2	-	2-3	9	1500	1	5	c	c	erm	erm
13a	Three ...	1005.9	+14	E	4	c	41	75	8	5	3	-	4-6	7.8	2500	1008.0	+10	ENE	4	0	37	75	8	5	-	-	10	10	2100	0	4	c	c	erm	erm
13b	Stornoway	1011.5	+16	E	6	c	38	*	8	5	-	2	7.8	7.8	2500	1003.5	+8	E	7	c	37	*	8	5	7	-	9	10	2000	1	4	c	c	erm	erm
15	Dalwhinnie	1008.8	+14	ENE	2	c	33	85	8	8	6	-	7.8	9+	1500	1011.4	+18	ENE	2	0	31	92	7	5	-	-	10	10	1500	4	*	c	c	erm	erm
	Aberdeen	1011.7	+10	E	4	16.30	35	85	6	9	-	-	10	10	1500	1013.5	+10	ENE	4	c	36	75	7	9	-	-	10	10	1500	1	4	erm	erm	erm	erm
	Wick	1013.1	+14	ESE	6	c	37	65	8	5	7	-	7.8	9+	1500	1014.3	+8	SE	5	c	37	75	7	3	7	-	4-6	9	1500	1	4	bccac	cphoc	erm	erm
16	Lerwick...	1015.8	+10	E	4	c/ps	35	75	7	8	7	-	7.8	9	800	1016.4	+4	E	4	c	36	92	8	5	7	-	4-6	7.8	1500	6	*	erm	erm	erm	erm
17	Blacksod Point...	998.5	+22	ENE	3	0	41	97	7</																										

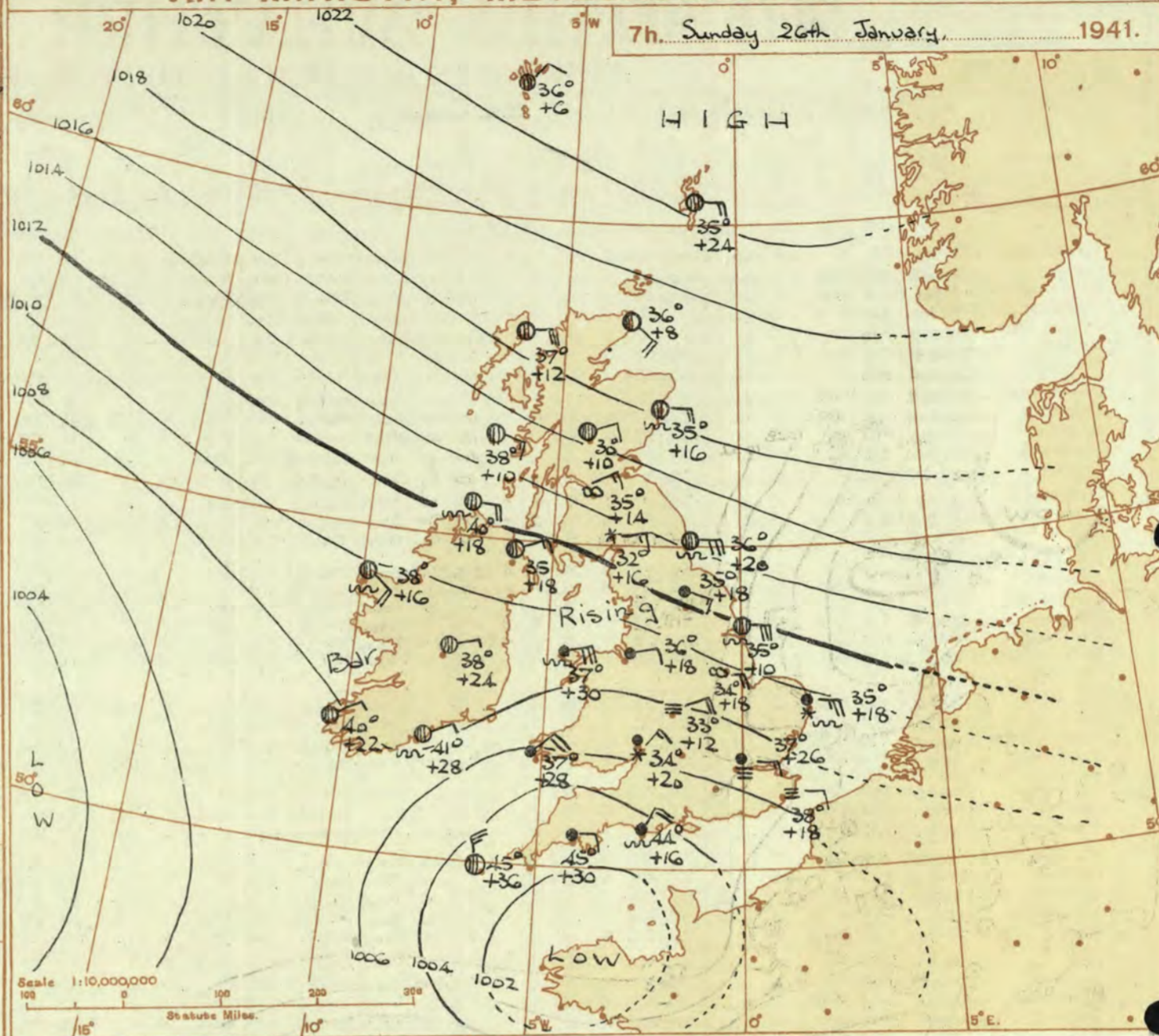
Abridged observations of additional stations in the

AVIATION WEATHER CODE

13h. G.M.T. 25th Jan.				18h. G.M.T.				01h. G.M.T. 26th Jan.				07h. G.M.T.			
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN
109	70	02865	10475	80	02864	10484	8-	02856	11586	8-	87750	09320			
115				87	14844	41526	87	02844	08425	56	01852	12425			
203	8-	01954	08514							5-	02547	08427			
206	57	02856	41588	8-	83858	42588	5-	02858	08588	57	02854	08486			
210	82	02054	43588	8-	02945	41525	5-	02858	10428	5-	87858	18633			
220										52	03744	15328			
230	52	02854	06468	57	02856	08468	5-	02868	08228	57	02865	12228			
245				8-	03768	41788	8-	68658	41778	8-	22658	41768			
260	62	62635	08368	62	22635	06368				32	89645	06328			
277	54	05654	08568	57	05665	07527	5-	02765	40425	57	02764	08426			
279	5-	05648	06528	5-	05648	08528	--	05545	06515	5-	05658	04328			
285	-2	61538	08668	-2	72638	06578									
288	5-	61738	06368	52	62646	07368	5-	51668	08358	5-	22648	07268			
273															
301	52	05547	09468	62	62645	09468	52	61545	08368	52	68655	41478			
321	5-	02648	06428	5-	05648	41328	6-	68548	40478	5-	05648	07478			
299	5-	25546	08586	8-	25648	06688	5-	66548	06668	5-	02748	07628			
292	62	51736	06358	52	61636	04368	5-	02748	04368	5-	02748	07368			
310															
316	62	24427	06368	02	77328	07478	02	68438	08378	02	68438	08378			
333	52	02864	06568	5-	61757	41627	5-	02756	32516	5-	62658	08468			
334															
340	5-	68528	08478	5-	61638	06578	52	52635	06578	52	52635	06558			
136	52	05627	07468	5-	05638	07528	62	72525	07478	5-	05638	08478			
336	--	77405	08375	--	24405	08375									
350															
368															
379	6-	64528	10468	--	46205	08358	--	46105	08445	--	46105	08445			
390	--	58305	08455	5-	64428	08468	5-	51428	06428	--	57105	06455			
382	62	62636	05368	62	21426	06368	5-	05528	06328	5-	05528	07328			
438	02	64005	00068							02	57005	02358			
430	5-	21428	08258	6-	57308	00068	5-	05538	04228	02	52538	06358			
409	27	02845	16486	52	64637	14468	82	02746	10368	82	62645	32168			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 26th January, 1941.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 26th January, 1941.
1 S.E. England	Moderate or fresh E. to N.E. wind; dull, slight local rain or sleet,
2 E. England ...	slight local snow later, but perhaps bright intervals; cold, with
3 E. Midlands ...	temperature falling below freezing point later
4 W. Midlands ...	Moderate or fresh N.E. wind falling light; dull; slight rain, slight
5 S.W. England	local snow later; becoming colder.
6 South Wales ...	As 1-4.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Fresh or strong E. wind moderating somewhat; cloudy; snow
10 N.E. England	showers, bright intervals later; temperature falling to freezing point or less.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate E. wind; mainly fair, but slight local wintry showers;
13 { A.W. Scotl'd. B.N.W. Scotl'd.	cold; frost at night.
14 Mid Scotland	
15 N. E. Scotland	As 9-11.
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 12-13b.
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 over Brittany is moving S.E. and filling up, and another depression over the Atlantic will probably move E.S.E. An anticyclone to north of Iceland is spreading S.E. A pronounced E. wind will persist over the British Isles with temperature falling below freezing point in most areas, and snow locally, though not in large amounts.

FURTHER OUTLOOK.

Frost day and night in most areas. Snow locally, especially in N.E. districts and perhaps also in the extreme Southwest. Wintry weather probable for some days.

Forecasts issued at 1030h G.M.T.

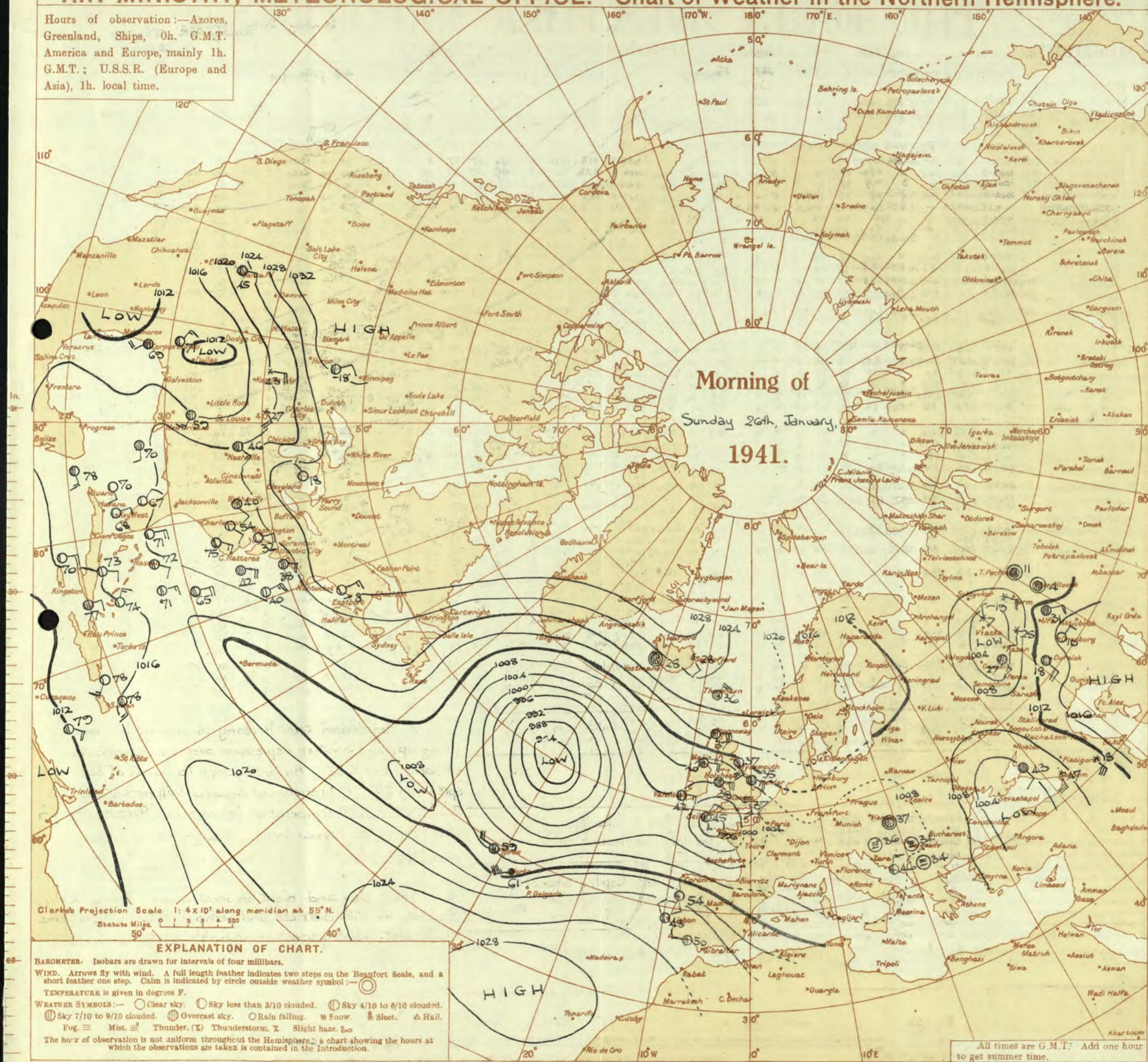
N. K. JOHNSON, D.Sc., A.R.C.S.,
 Director.

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

270/2554, Wk. 6045, D.3706, pp. 248, 5560 1/41

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

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



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 26th January 1941.
No. 28920.

OBSERVATIONS at 1 hr. G.M.T. 26th January															OBSERVATIONS at 7 hr. G.M.T. 26th January															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)			
					Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Direc. (17)					Force 0-12 (18)	Low. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h mm. (34)	Night 18h-7h mm. (35)	
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1006.8	+18	ENE	4	id.	37	97	5	5	-	-	10	10	1500	1	*	41	37	37	7	0.1	0.0				
	Croydon	217	1003.8	+6	ESE	3	cf	37	97	3	5	-	-	10	10	1006.3	+26	E	3	df	37	97	2	-	-	10	10	1500	1	*	40	36	36	4	0.1	0.0			
	S. Farnborough	226	1003.8	+6	E	3	m/f	37	97	4	5	-	-	10	10	1006.4	+18	ENE	3	df	37	97	3	5	-	-	10	10	1500	1	*	41	37	37	3	1	0.0		
	Boscombe Down	417	1002.8	+6	ENE	4	rf	37	97	2	5	-	-	10	10	1005.5	+20	ENE	4	of	37	97	2	5	-	-	10	10	1500	1	*	42	37	37	5	0.6	0.0		
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	1004.1	+20	E'N	5	cofo	41	92	5	5	-	-	10	10	1500	1	3	43	40	40	5	3	0.0				
	Lympe	346	1004.5	+10	-	0	df	40	97	1	-	-	-	10	10	1006.6	+8	E	2	F	38	97	1	-	-	10	10	1500	1	3	40	38	35	3	0.5	0.0			
	Manston	154	1004.8	+12	E	2	ft	38	97	2	-	-	-	10	10	1007.0	+14	E'N	3	F	36	97	2	-	-	10	10	1500	1	3	39	36	36	1	1	0.0			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1008.0	+12	E'N	3	cf	37	97	3	5	-	-	10	10	220	1	*	39	36	37	4	0.6	0.0				
	Felixstowe	15	1005.8	+10	ENE	4	cofo	36	97	5	-	2	-	10	10	1008.2	+14	ENE	4	cofo	36	92	5	5	-	-	10	10	800	1	4	38	35	35	1	3	0.0		
	Gorleston	5	1007.5	+4	E	5	cofo	36	92	6	6	-	-	10	10	1009.8	+18	E	5	rs	35	92	6	6	-	-	10	10	800	1	4	38	34	33	Tr	3	0.0		
	Mildenhall	19	1006.0	+10	ENE	4	cofo	35	97	6	-	2	-	10	10	1008.4	+16	ENE	4	cofo	35	92	6	6	2	-	9	10	500	1	4	38	34	31	1	2	0.0		
	Cranwell	240	1008.2	+10	E'N	4	cofo	33	97	5	5	2	-	9	10	1010.5	+18	E	4	cofo	34	92	5	5	2	-	9	10	1000	4	*	36	32	32	0.6	3	0.0		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1008.7	+12	ENE	4	cf	33	97	3	5	-	-	10	10	450	6	*	35	33	32	12	2	0.0				
	Upper Heyford	408	1004.5	+10	E'N	4	id.	34	97	4	-	2	-	10	10	1007.0	+18	E	4	f	34	97	3	5	-	-	10	10	450	1	*	40	34	32	14	0.1	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1007.3	+20	NE	3	rs	34	97	5	-	2	-	10	10	800	4	*	37	34	33	1	4	0.0				
5	Hartland Point	299	997.9	+16	ENE	4	c	42	97	7	8	6	-	4.6	9	1003.0	+28	ENE	4	c	40	97	7	5	2	-	4.6	9	2000	1	4	52	40	39	0.6	13	2.5		
	Bristol	209	1002.7	+10	ENE	4	cofo	38	97	5	-	2	-	10	10	1006.0	+22	NE'E	3	id.	37	97	5	-	2	-	10	10	500	1	4	42	37	34	1	2	0.0		
	Portland Bill	32	998.7	+4	SE	4	rr	44	92	7	5	-	-	10	10	1002.7	+16	NE	4	ir	44	92	6	5	-	-	10	10	1500	1	4	47	42	*	1	7	*		
	Plymouth	82	997.5	+6	ESE	3	c/r	48	92	6	5	-	-	10	10	1002.7	+30	E	2	pr	45	85	6	5	-	-	9	9	2000	1	2	51	45	43	2	7	3.5		
	The Lizard	240	996.1	+16	NE'N	2	c	45	97	8	2	-	-	7.8	9	1002.1	+36	NE	2	e	45	97	7	8	2	-	9	10	1500	1	3	50	44	*	3	2	2.6		
	Scilly (St. Mary's)	163	996.5	+32	SW	1	pr	48	97	7	8	2	-	7.8	10	1003.2	+36	N'W	5	e	45	97	6	8	2	-	7.8	10	1500	1	3	49	45	*	2	Tr	0.6		
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	1003.2	+36	N'W	5	e	45	97	6	8	2	-	-	7.8	10	1500	1	3	49	45	*	2	Tr	0.6			
6	Pembroke	142	1000.7	+22	ENE	6	rr	38	97	6	8	2	-	7.8	10	1006.0	+28	NE	4	cofo	37	97	6	8	-	-	10	10	1500	1	3	43	36	*	1	12	0.0		
7	Holyhead	26	1004.3	+16	E'N	6	co	38	85	6	5	-	-	10	10	1008.4	+30	E'N	6	cofo	37	97	5	5	-	-	10	10	1500	1	5	40	35	35	1	Tr	0.0		
	Chester (Sealand)	16	1006.6	+12	E'N	2	co	36	85	6	5	-	-	10	10	1009.5	+18	E'N	2	id.	36	85	6	5	-	-	10	10	1800	4	*	37	34	33	9	1	0.0		
8	Manchester	70	1007.5	+16	E'N	5	co	37	75	5	5	-	-	10	10	1010.2	+22	ENE	4	cofo	36	75	5	5	-	-	10	10	2100	1	*	39	35	35	2	1	0.0		
10	Spurn Head	29	1009.1	+8	E'S	5	co	35	85	7	5	-	-	10	10	1011.1	+10	E	6	co	35	85	7	5	-	-	10	10	1500	1	4	38	34	*	-	-	0.0		
	Catterick	175	1011.0	+14	ENE	5	co/r	34	92	6	5	-	-	10	10	1013.6	+18	E'S	3	ir	35	85	6	5	-	-	10	10	1200	4	*	37	32	32	0.1	0.1	0.0		
	Tynemouth	108	1012.0	+10	SE	6	co/r	37	85	6	6	-	-	10	10	1014.7	+20	E	5	co	36	85	7	6	-	-	10	10	1500	1	5	40	35	33	2	2	0.0		
11	St. Abbs Head	280	1012.7	+10	ESE	6	co	35	97	8	5	2	-	7.8	10	1015.1	+14	SE	5	rs	35	92	7	8	2	-	7.8	10	2000	1	5	37	35	*	5	3	*		
	Leuchars	36	1013.5	+10	E	5	c	26	85	7	5	-	-	10	10	1016.1	+12	E	5	rs	36	85	6	6	2	-	9	10	800	2	*	37	33	*	2	2	0.0		
12	Renfrew (Abbots L.)	19	1012.7	+10	E'N	2	co	35	85	6	5	2	-	7.8	10	1015.2	+14	E'N	3	co	35	85	6	5	2	-	4.6	10	2000	1	*	37	34	32	0.6	Tr	0.0		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1014.7	+16	E'N	3	co	32	85	5	5	2	-	-	10	10	450	7	*	35	32	31	0.4	0.2	0.0			
	Point of Ayre	30	1008.2	+14	ESE	4	c	40	75	8	5	2	-	4.6	10	1011.3	+20	E'S	4	c	39	85	8	8	2	-	7.8	10	1500	1	4	40	38	*	0.3	*	0.0		
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1013.8	+10	E'S	3	c	38	75	8	5	-	-	9	9	2500	0	3	42	37	*	-	-	0.0				
13B	Stornoway	80	1016.0	+14	E	6	c	37	*	7	5	7	-	9	10	1018.0	+12	E	6	c	37	*	8	5	7	-	7.8	10	2000	1	3	39	36	*	-	-	1.2		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.3	+16	E'N	2	co	30	92	6	5	-	-	10	10	1500	4	*	34	29	28	-	-	0.2		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.3	+16	E	4	cjp	35	65	7	9	-	-	10	10	1500	4	4	37	33	32	1	0.5	0.0		
	Wick	81	1016.9	+14	SSE	5	c	36	92	7	8	1	-	4.6	7.8	1500	1018.7	+8	ESE	4	c	36	85	8	5	6	-	4.6	9	2500	3	3	39	35	*	Tr	-	0.0	
16	Lerwick	156	1020.2	+16	E	4	c	35	92	8	7	-	-	4.6	7.8	1500	1022.5	+24	E	4	c	35	75	8	7	-	4.6	7.8	1500	8	*	*	*	Tr	Tr	1.0			
17	Blacksod Point	18	1006.7	+18	ESE	4	ir	40	92	6	6	-	-	10	10	1009.4																							

SECRET

Page 1.

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Monday 27th January 1941.
No. 28,521

OBSERVATIONS at 13h. G.M.T. 26th January														OBSERVATIONS at 18h. G.M.T. 26th January														PAST 24 HOURS.						
Diver.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Barom. at M.S.L. mb. (29)	State of Ground. 0-9 (30)	Sea. 0-9 (31)	WEATHER.			
				Direc.	Force. 0-12 (4)					Form.	Amount.	Height of Base. (feet) (14)	Direc.	Force. 0-12 (18)			Form.	Amount.					Height of Base. (feet) (28)	7h.—13h. 26th (37)	13h.—18h. 26th (38)	18h.—26th 26th (39)	1h.—7h. 27th (40)							
1	London (Kew)...	1011.3	+14	NE	4	m	37	92	4	S	-	10	10	1013.3	+24	ENE	3	m	37	92	4	S	-	10	10	1500	1	*	old fog	cm	cm	cm	cm	
	Croydon ...	1011.1	+18	NE	3	f	36	97	3	S	-	10	10	1015.1	+30	ENE	3	of	35	97	2	S	-	10	10	220	1	*	pff	off	off	cm		
	S. Farnborough	1011.1	+18	ENE	3	f	37	97	3	S	-	10	10	1015.3	+28	ENE	3	cf	37	97	3	S	-	10	10	300	1	*	dfo	of	of	cm		
	Boscombe Down	1010.2	+20	NE	3	cf	37	97	3	S	-	10	10	1015.2	+32	EN	2	cf	36	97	3	S	-	10	10	300	1	*	of	of	of	cm		
	Calshot (Soton.)	1010.2	+20	NE	3	z	42	92	5	S	-	10	10	1014.2	+28	NET	2	m	40	92	4	S	-	10	10	1200	1	2	old fog	cm	cm	cm		
	Lymington	1010.8	+18	ENE	3	ff	38	97	3	S	-	10	10	1014.3	+28	NE	2	m	36	92	4	S	-	10	10	200	1	*	FF	off	off	cm		
	Manston	1011.5	+18	ENE	3	old	36	92	4	S	-	10	10	1013.2	+20	ENE	3	z	33	92	5	S	-	10	10	600	1	*	*	cm	cm	cm		
2	Shoeburyness ...	1012.4	+20	NE	2	o	37	97	5	S	-	10	10	1015.8	+20	EN	3	o	36	97	5	S	-	10	10	800	1	*	ofomig	cm	cm	cm		
	Felixstowe	1012.0	+14	E	5	z	36	85	6	S	-	10	10	1015.8	+27	EN	5	z	35	85	5	S	-	10	10	1300	1	4	old fog	cm	cm	cm		
	Gorleston	1014.7	+16	E	5	so	35	92	6	S	-	10	10	1017.4	+17	EN	5	c	34	85	6	S	-	10	10	1000	1	4	of so	cm	cm	cm		
	Mildenhall	1013.1	+18	E	3	so	35	92	6	S	-	10	10	1016.6	+16	EN	3	is	33	92	6	S	-	10	10	300	1	*	old fog	cm	cm	cm		
	Cranwell	1014.7	+12	E	4	is	33	97	5	S	-	10	10	1017.3	+20	ES	4	so	32	97	5	S	-	10	10	800	4	*	cm	cm	cm	cm		
3	Birmingham	1012.5	+6	ENE	4	m	34	92	4	S	-	10	10	1015.3	+10	EN	3	so	32	97	3	S	-	10	10	450	6	*	for so	cm	cm	cm		
	Upper Heyford	1012.0	+22	ENE	3	z	35	97	5	S	-	10	10	1015.7	+24	ENE	2	cf	34	97	3	S	-	10	10	200	1	*	cm	cm	cm	cm		
4	Ross-on-Wye	1012.1	+14	NE	3	so	35	97	4	S	-	10	10	1015.4	+20	NE	2	dd	34	97	4	S	-	10	10	450	4	*	rs so	cm	cm	cm		
5	Hartland Point	1010.2	+28	ENE	3	c	40	97	7	S	-	10	10	1013.1	+14	NE	3	o	40	97	5	S	-	10	10	1000	1	3	old fog	cm	cm	cm		
	Bristol ...	1011.7	+24	NE	3	m	38	92	4	S	-	10	10	1013.3	+20	NE	2	o	36	97	4	S	-	10	10	500	1	*	old fog	cm	cm	cm		
	Portland Bill	1009.2	+24	ENE	4	o	42	92	6	S	-	10	10	1014.1	+20	NE	2	o	41	92	6	S	-	10	10	1500	1	3	old fog	cm	cm	cm		
	Plymouth	1009.9	+32	-	0	id	45	92	5	S	-	10	10	1013.9	+26	FE	2	o	43	97	4	S	-	10	10	300	1	4	old fog	cm	cm	cm		
	The Lizard	1009.9	+36	NNW	3	c	47	92	8	S	-	10	10	1014.1	+10	NN	2	c	42	92	8	S	-	10	10	1500	1	3	c	cm	cm	cm		
	Scilly (St. Mary's)	1011.2	+24	NNW	3	bc	48	85	7	S	-	10	10	1013.6	+14	NN	0	c	43	85	7	S	-	10	10	1500	1	2	c	cm	cm	cm		
	Guernsey	1011.3	+12	NE	3	c	38	92	7	S	-	10	10	1014.3	+14	EN	3	o	38	97	7	S	-	10	10	2500	1	3	mac	cm	cm	cm		
6	Pembroke	1011.3	+12	NE	3	c	38	92	7	S	-	10	10	1014.3	+14	EN	3	o	38	97	7	S	-	10	10	2500	1	3	mac	cm	cm	cm		
7	Holyhead	1012.4	+16	ENE	6	c/rs	37	92	6	S	-	10	10	1014.0	+18	EN	1	zo	36	92	6	S	-	10	10	4200	1	5	rs so	cm	cm	cm		
	Chester (Sealand)	1014.4	+18	E	1	so	34	92	4	S	-	10	10	1010.9	+14	E	1	is	33	92	4	S	-	10	10	800	4	*	old fog	cm	cm	cm		
8	Manchester	1014.7	+12	E	4	sh	35	75	5	S	-	10	10	1017.1	+16	ENE	4	c/s	34	75	5	S	-	10	10	1500	1	*	cm	cm	cm	cm		
10	Spurn Head	1015.4	+10	E	6	c	34	85	7	S	-	10	10	1018.7	+20	ESE	5	c	34	85	7	S	-	10	10	1500	1	4	c	cm	cm	cm		
	Catterick	1017.6	+14	E	2	c	35	85	8	S	-	10	10	1019.3	+10	E	0	zo	34	85	6	S	-	10	10	1800	4	3	c	cm	cm	cm		
	Tynemouth	1018.2	+14	E	5	c	36	85	7	S	-	10	10	1020.4	+10	ESE	5	c	37	85	7	S	-	10	10	1500	1	5	c	cm	cm	cm		
11	St. Abbs Head	1018.5	+10	ESE	5	c	35	75	8	S	-	10	10	1020.3	+8	ESE	5	c	35	85	8	S	-	10	10	2500	1	4	rs so	cm	cm	cm		
	Leuchars	1019.4	+10	ESE	5	so	36	75	7	S	-	10	10	1021.2	+10	E	5	c	35	65	7	S	-	10	10	1400	4	*	cm	cm	cm	cm		
12	Renfrew (Abbots L.)	1018.5	+12	E	3	z	37	85	5	S	-	10	10	1019.8	+10	E	4	zo	35	75	6	S	-	10	10	2000	1	*	cm	cm	cm	cm		
	Esksdalemuir	1018.1	+12	ESE	4	c	32	75	6	S	-	10	10	1019.5	+8	E	4	c	31	85	7	S	-	10	10	1500	7	*	c	cm	cm	cm		
	Point of Ayre	1015.5	+20	SE	5	so	37	85	7	S	-	10	10	1016.7	+8	SE	4	c	37	85	7	S	-	10	10	1500	1	4	rs so	cm	cm	cm		
13A	Tiree	1016.7	+8	ESE	4	c	40	75	8	S	-	10	10	1017.2	+2	E	4	c	38	75	8	S	-	10	10	2100	0	4	c	cm	cm	cm		
13B	Stornoway	1020.2	+12	S	5	c	37	85	6	S	-	10	10	1020.4	+8	SE	4	c	38	85	6	S	-	10	10	1500	1	3	c	cm	cm	cm		
15	Dalwhinnie	1019.9	+6	ENE	3	is	32	85	6	S	-	10	10	1021.3	+6	SE	3	so	29	85	6	S	-	10	10	1500	4	*	cm	cm	cm	cm		
	Aberdeen	1021.3	+6	E	4	ps	33	75	8	S	-	10	10	1022.3	+10	ESE	4	c	35	65	8	S	-	10	10	1500	1	4	c	cm	cm	cm		
	Wick	1021.6	+8	SE	5	c/ps	34	75	7	S	-	10	10	1022.8	+8	SE	4	c	37	75	7	S	-	10	10	1500	3	3	c	cm	cm	cm		
16	Lerwick	1024.5	+8	E	4	c	35	75	8	S	-	10	10	1026.0	+6	ESE	4	c	23	85	8	S	-	10	10	1500	8	*	c	cm	cm	cm		
17	Blacksod Point	1012.1	+10	E	3	c	39	92	7	S	-	10	10	1010.9	+4	E	4	c	40	92	7	S	-	10	10	2500	1	4	c	cm	cm	cm		
18	Malin Head	1015.0	+12	ESE	4	c	39	85	8	S	-	10	10	1016.0	+8	SE	4	c	34	85	7	S	-	10	10	4000	0	3	c	cm	cm	cm		
	Aldergrove	1014.7	+10	E	3	is	37	92	5	S	-	10	10	1015.8	+8	E	4	zo	36	85	6	S	-	10	10	1900	1	*	old fog	cm	cm	cm		
19	Birr Castle	1011.8	+10	ENE	1	c	40	85	8	S	-	10	10	1012.6	+2	ESE	1	c	40	85	8	S	-	10	10	2500	1	*	c	cm	cm	cm		
20	Valentia Obsy.†	1010.0	0	SSE	3	c/r	35	85	8	S	-	10	10	1008.2	-14	ESE	4	c	46	85	8	S	-	10	10	2500	1	4	c	cm	cm	cm		
	Roches Point	1011.8	+8	E	3	c	42	92	8	S	-	10	10	1012.5	+2	ESE	4	c	44	85	8	S	-	10	10	1500	1	5	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.
<p>b, blue sky (not more than a quarter covered with cloud).</p> <p>bc, sky partly cloudy (one half covered). c, generally cloudy.</p> <p>d, drizzle. e, wet air. g, gloom.</p> <p>f, fog, visibility 220-1100 yds.</p> <p>F, thick fog „ less than 220 yds.</p> <p>fs, low fog over sea (coast station).</p> <p>fg, low fog over land (inland station).</p> <p>m, mist, visibility 1100-2200 yds.</p> <p>h, hail. i, intermittent.</p> <p>jf, fog at a distance, but not at station.</p> <p>jp, precipitation within sight of station.</p> <p>ks, storm of drifting snow.</p> <p>k/s, slight storm of drifting snow (generally low).</p> <p>k/S, heavy storm of drifting snow (generally low).</p> <p>s/k, slight storm of drifting snow (generally high).</p> <p>S/k, heavy storm of drifting snow (generally high).</p> <p>KQ, line squall. l, lightning.</p> <p>o, overcast sky. p, passing showers.</p> <p>q, squalls. r, rain. s, snow.</p> <p>rs, sleet. t, thunder.</p> <p>u, ugly, threatening sky.</p> <p>v, unusual visibility. w, dew.</p> <p>x, hoar frost. y, dry air.</p> <p>z, dust haze: the turbid atmosphere of dry weather.</p> <p>h(r), "hail" or "rain and hail."</p> <p>Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r_o, slight rain.</p> <p>rr, continuous rain.</p> <p><, less than (for cloud height). ☉gale.</p> <p>☉ Solar halo. ☾ lunar halo. ☽Aurora.</p> <p>With present weather is combined, whenever possible, the general character of the weather.</p> <p>A "solidus" divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.</p>	<p>0 No low clouds.</p> <p>1 Fair weather Cu.</p> <p>2 Large Cu without anvil.</p> <p>3 Cb.</p> <p>4 Sc formed by the spreading out of Cu.</p> <p>5 Layer of St or Sc.</p> <p>6 Ragged low clouds of bad weather (or fractonimbus).</p> <p>7 Fair weather Cu and Sc.</p> <p>8 Large-Cu (or Cb) and Sc.</p> <p>9 Large-Cu (or Cb) and ragged low clouds of bad weather.</p> <p>COLUMNS 12, 13, 26, 27.</p> <p>Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.</p> <p>Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.</p> <p>An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.</p> <p>"tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.</p> <p>"9+" signifies an overcast sky with a few small openings.</p> <p>† Sea disturbance reported from Dungeness.</p>	<p>0 No medium clouds.</p> <p>1 Typical As (thin).</p> <p>2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).</p> <p>3 Single layer of Ac or high Sc.</p> <p>4 Ac in isolated patches. Individually decreasing (often lenticular).</p> <p>5 Ac in bands (increasing).</p> <p>6 Ac formed from the spreading out of Cu.</p> <p>7 Ac associated with As or As with parts resembling Ac.</p> <p>8 Ac Castellatus (or Ac in ragged fragments).</p> <p>9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.</p> <p>Cloud form abbreviations:—</p> <p>Cirrus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Altopcumulus,—Ac: Altostratus,—As: Stratocumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb.</p> <p>COLUMN 29 —STATE OF GROUND.</p> <p>0 .. Ground dry.</p> <p>1 .. " wet.</p> <p>2 .. " flooded.</p> <p>3 .. " frozen hard and dry.</p> <p>4 .. " partly covered with snow or hail.</p> <p>5 .. " covered with ice or glazed frost.</p> <p>6 .. " covered with thawing snow.</p> <p>7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen.</p> <p>8 .. " covered with snow, less than 6 ins., but ground frozen.</p> <p>9 .. " covered with snow greater than 6 ins. deep.</p> <p>— .. Fresh snow has fallen in the mountains.</p>	<p>0 No cirriform cloud.</p> <p>1 Fine Ci not increasing: sparse.</p> <p>2 Fine Ci not increasing: abundant but not a continuous layer.</p> <p>3 Anvil Ci (usually dense).</p> <p>4 Fine Ci increasing: usually in tufts.</p> <p>5 Ci or Cs increasing: still below 45° altitude: often in polar bands.</p> <p>6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.</p> <p>7 Veil of Cs covering whole sky.</p> <p>8 Cs not increasing and not covering whole sky.</p> <p>9 Cc predominating, and a little cirrus. (Cc may occur with any of the types 1 to 8).</p>

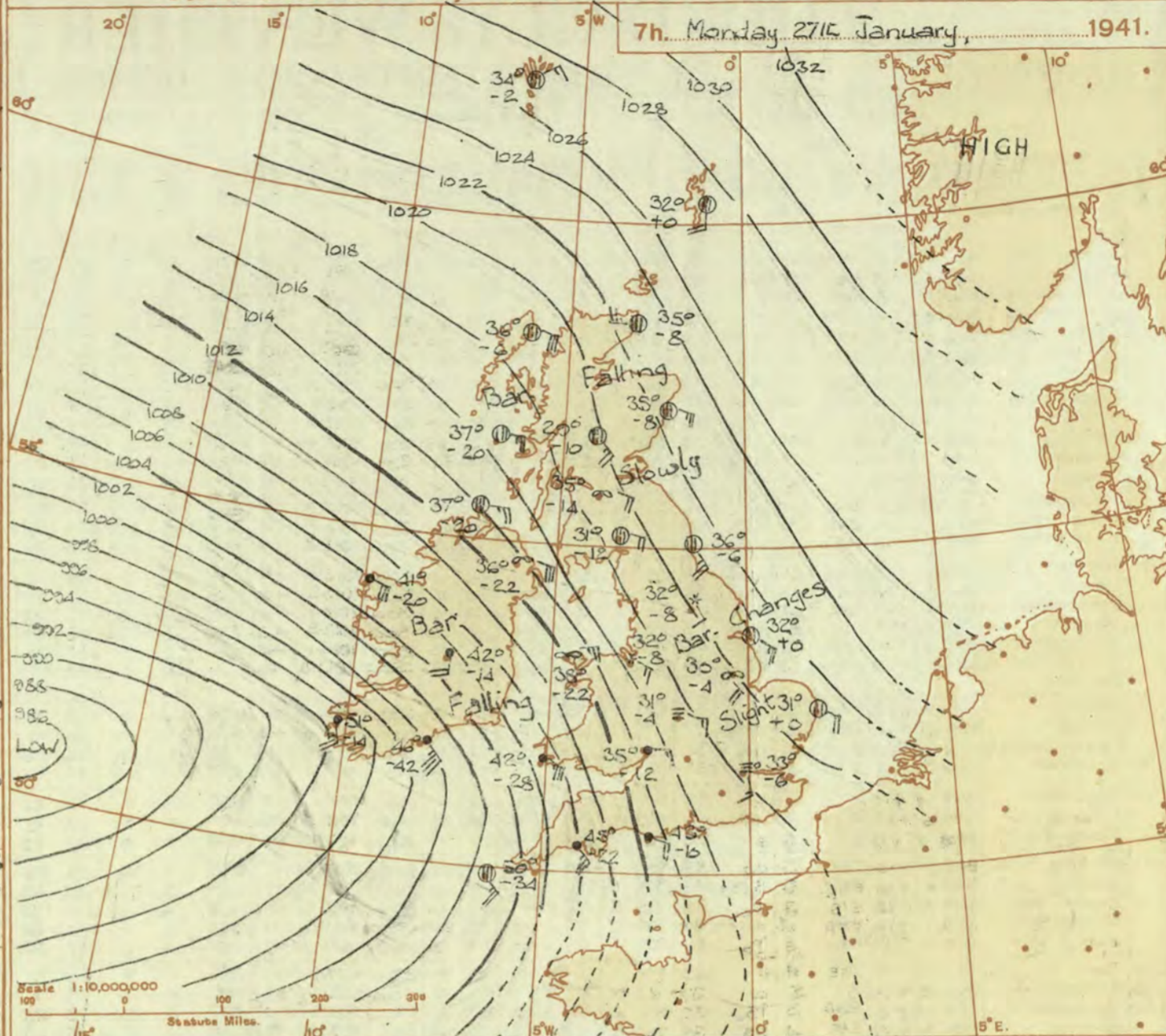
Abridged observations of additional stations in the

AVIATION WEATHER CODE

13h. G.M.T.	24h. Jan.	18h. G.M.T.	01h. G.M.T.	27h. Jan.	07h. G.M.T.
III, C _W , VV, N _h , DDFWN	C _W , VV, N _h , DDFWN	C _W , VV, N _h , DDFWN	C _W , VV, N _h , DDFWN	C _W , VV, N _h , DDFWN	C _W , VV, N _h , DDFWN
109 11 0013405127	87 01863 11384	6- 03748 11388	5- 03757 11427		
115	83 0283408427	83 02844 08427	52 02844 08527		
203		5- 01944 08524			
206 87 02853 10427	57 02864 10328	57 26855 43583	57 02864 43588		
210 52 12646 10383	5- 02857 09477	5- 02857 10487	82 02856 11528		
220 52 03345 14228					
230 53 02256 10317	5- 02857 08427	57 02755 08327			
245 8- 26758 12588	8- 03768 11688	8- 83658 45688	8- 87658 43788		
260	5- 02758 08328	5- 02768 10378			
277 52 02854 08428	5- 02768 09428	52 02746 08428			
279 8- 02757 08427	5- 05646 12526	-- 05345 08525	5- 02757 08527		
285			5- 03638 08528		
288 5- 02855 07278	5- 02748 08325	5- 02758 12228	5- 05648 10128		
273					
301 62 62546 42478	57 24545 10476	52 71645 08478	5- 05648 09578		
321 5- 02748 06428	5- 68648 40478	5- 23648 09378	5- 03648 11328		
299 5- 02747 08627	5- 02748 08528	5- 05648 12428	5- 05648 10428		
292 5- 23548 08378	5- 72648 04278	5- 05648 08378	5- 02648 10328		
310					
316 02 68538 04178	52 77828 08278	02 71448 08378	02 08438 10228		
338 5- 02758 08568	5- 05657 04427	5- 05668 08328	5- 05658 43528		
334					
340 5- 72528 07378	5- 68548 06278	02 71438 12478	5- 08448 43628		
136 52 23636 08478		5- 02748 10528	5- 05638 12318		
386			-- 42309 12449		
350			5- 05628 21534		
368					
379	-- 57109 08350		-- 46109 05349		
390 5- 57309 07469	5- 08428 07458	5- 05538 07427	5- 05558 06328		
382 5- 05538 06368	5- 51428 06258	02 61428 10228	5- 08428 11228		
438 02 46009 06259			5- 03528 06448		
430 53 05544 04326	5- 08438 04428	5- 51528 04128	5- 51528 06258		
409 52 05637 28368	52 05647 30228	52 62644 12526	62 64527 11768		

III = Index Number of Station—See M.O. 252 or list issued on 1st of each month.
 W, W = Present and past weather—See M.O. 252.
 h, N_h = Height and amount of low cloud—See M.O. 252.
 N = Total amount of cloud—See M.O. 252.
 C_W = 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 27th January.

1 S.E. England	Moderate or fresh southeast or east wind, strong to gale locally on coast.
2 E. England	Dull, some rain, sleet or snow; some mist: cold.
3 E. Midlands	Moderate or fresh southeast or east wind, strong to gale on coast. Dull, some snow, heavy in places. Slight frost day and night.
4 W. Midlands	As No. 1.
5 S.W. England	As No. 1.
6 South Wales	Fresh or strong southeast or south wind, gale locally. Cloudy or dull; rain at times: rather mild.
7 North Wales	As No. 1.
8 N.W. England	As No. 1.
9 N. Midlands	As Nos. 2-3.
10 N.E. England	Moderate or fresh southeast wind, strong on coast. Cloudy; snow showers, perhaps some general snow later: cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland. B.N.W. Scotland.	Moderate or fresh southeast wind, strong locally. Cloudy; snow showers: cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As No. 1.
18 N. E. Ireland	
19 S. E. Ireland	As No. 4.
20 S. W. Ireland	

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

GENERAL INFERENCE.

An anticyclone extends from north of Iceland to Scandinavia. A deep depression off Southwest Ireland is spreading east-southeast but the centre is unlikely to move much. There will be rain in southwestern districts and snow over a large area in the Midlands, East and North with some heavy falls and severe drifting. Strong southeast winds or gales will occur in many districts.

FURTHER OUTLOOK.

Wintry weather continuing in the Midlands, East and North, with some further snow.

Gale warnings issued 1535h 26.1.41 in district 20, at 2300h 26.1.41 in districts 5, 6, 7, at 0545h 27.1.41 in districts 17, 18 and 0810h 27.1.41 in district 1. (part of)

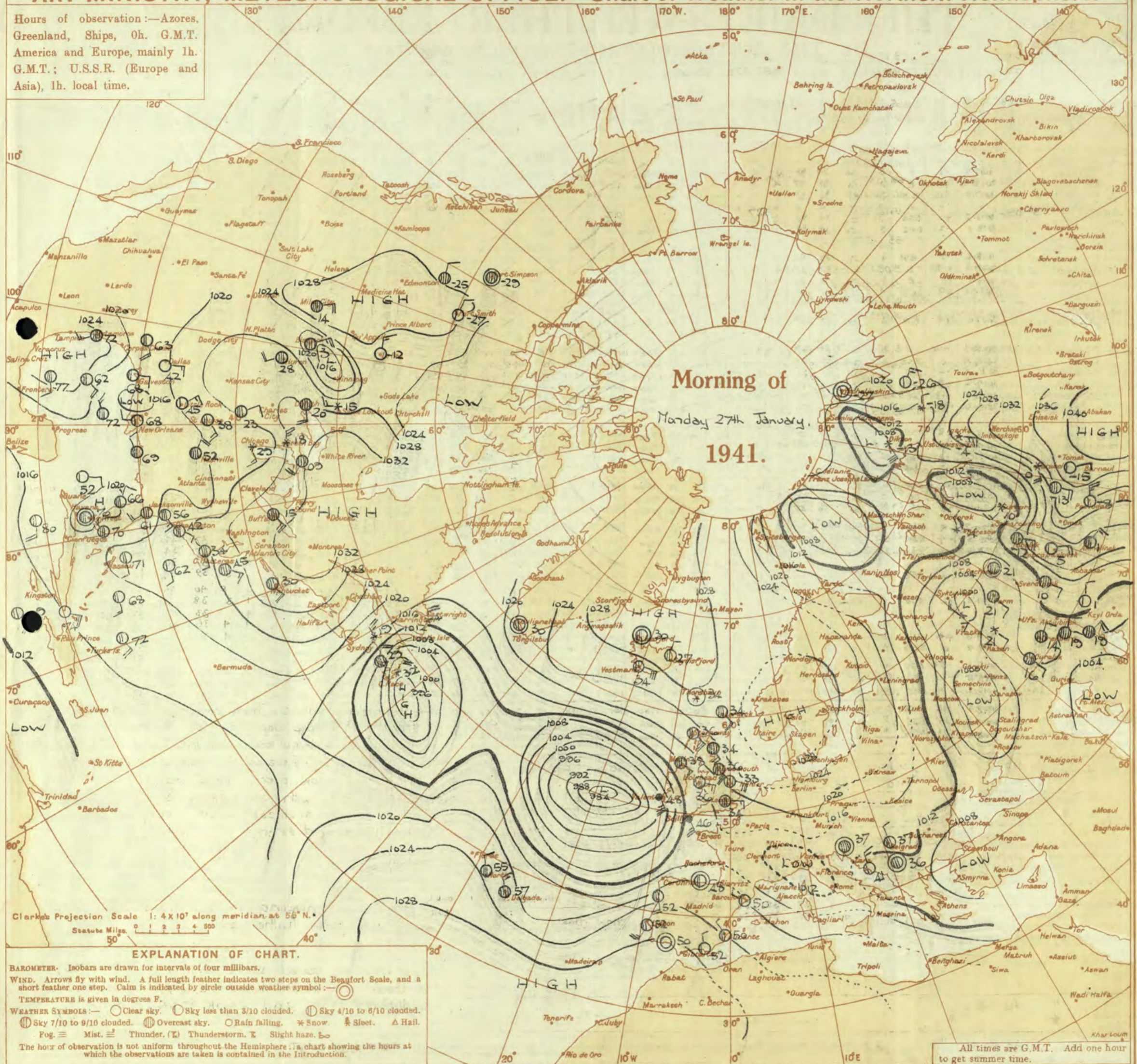
Forecasts issued at 1030 G.M.T.
 H.M.S.O. Press, Cornwall House, S.E.1.

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

270/3584, W. 6048, 0.3705, up 248 3500, 1/41

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. 27th January														OBSERVATIONS at 7 hr. G.M.T. 27th January														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)			
					Direc.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Direc.			Force.	Form.					Amount.	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)						
																																Low.	Med.		High.	Low.	Med.
1	London (Kew) ...	18	1017.8	+6	E	3	34	97	5	5	10	10	1000	1017.6	-6	SE'E	3	20	35	92	5	5	10	10	1500	1	1	37	35	34	Tr	-	0.0				
	Croydon ...	217	1017.8	+6	E	3	35	97	4	5	10	10	500	1017.0	-10	ESE	2	20	34	97	4	5	10	10	500	1	1	37	33	33	0.2	-	0.0				
	S. Farnborough ...	226	1018.0	+6	E	3	35	97	4	5	10	10	500	1017.0	-10	ESE	2	20	34	97	4	5	10	10	500	1	1	38	34	34	Tr	Tr	0.0				
	Boscombe Down ...	417	1017.7	+10	E'S	3	36	97	1	5	10	10	150	1016.5	-6	E'S	4	40	35	97	3	5	10	10	200	1	1	38	35	35	0.1	0.4	0.0				
	Calshot (Stmtn.) ...	8	1017.7	+4	E	3	34	97	6	5	10	10	900	1015.7	-10	E	4	20	37	97	4	5	10	10	900	1	1	43	36	35	0.5	0.2	0.0				
	Lymington ...	346	1017.7	+2	ESE	3	34	97	6	5	10	10	900	1018.1	-2	E	2	20	34	97	5	5	10	10	500	1	1	39	34	33	Tr	-	0.0				
	Manston ...	154	1018.1	-2	ESE	3	34	85	6	5	10	10	900	1018.5	-2	ESE	2	20	34	92	6	5	10	10	700	1	1	36	33	32	0.6	-	0.0				
2	Shoeburyness ...	11	1018.6	-2	E'N	4	33	85	6	5	10	10	1300	1018.5	0	E'S	2	0	25	92	5	5	10	10	800	1	1	37	34	34	0.3	-	0.0				
	Felixstowe ...	15	1018.6	-2	E'N	4	33	85	6	5	10	10	1300	1019.4	+2	ESE	3	20	33	92	6	5	10	10	700	1	2	36	33	32	Tr	-	0.0				
	Gorleston ...	5	1020.1	+12	E	5	32	85	6	5	10	10	2500	1020.6	0	SE'E	4	20	31	78	6	5	10	10	1500	3	3	35	30	30	3	-	0.0				
	Mildenhall ...	19	1019.1	+2	E	3	32	85	6	5	10	10	1500	1018.8	-6	E	4	20	31	92	6	5	10	10	600	1	1	35	31	30	0.3	Tr	0.0				
	Cranwell ...	240	1020.0	+2	SE'E	4	31	92	5	5	10	10	1200	1019.4	-4	SE	4	20	30	97	6	5	10	10	1500	8	1	34	29	29	0.3	0.1	0.0				
3	Birmingham ...	535	1017.6	+4	E'N	3	33	97	4	2	10	10	800	1016.7	-4	ESE	3	20	31	97	3	5	10	10	450	9	1	34	31	30	Tr	Tr	0.0				
	Upper Heyford ...	408	1017.6	+4	E'N	3	33	97	4	2	10	10	800	1016.7	-10	E	4	20	32	97	5	5	10	10	200	1	1	36	32	30	Tr	Tr	0.0				
4	Ross-on-Wye ...	223	1017.6	+4	E'N	3	33	97	4	2	10	10	800	1014.6	-12	E	3	20	35	97	4	5	10	10	450	4	1	35	33	32	5	1	0.0				
5	Hartland Point ...	299	1012.9	-10	E	3	41	97	6	8	9	9	1500	1007.5	-26	SE	4	20	44	97	6	5	10	10	1500	1	1	40	39	39	0.5	2	0.0				
	Bristol ...	209	1016.4	0	ESE	3	37	97	4	2	10	10	400	1014.4	-16	E	4	20	37	97	5	5	10	10	400	1	1	38	36	36	0.3	3	0.0				
	Portland Bill ...	32	1015.4	-4	NE	4	41	92	6	5	10	10	1500	1014.0	-10	ESE	4	20	43	92	7	5	10	10	1500	1	1	44	39	39	1	1	0.0				
	Plymouth ...	82	1014.3	-8	SE	1	44	97	6	5	2	2	1200	1010.0	-22	SE	5	20	48	92	5	5	10	10	600	1	1	46	42	42	2	6	0.0				
	The Lizard ...	240	1012.1	-12	SE	5	44	92	6	8	2	2	1500	1006.4	-28	SE	6	20	48	97	6	5	10	10	1500	1	1	47	39	39	0.5	5	0.3				
	Scilly (St. Mary's) ...	163	1010.6	-28	SE'E	5	46	97	6	6	2	2	1500	1002.8	-34	SE'S	5	20	50	97	6	5	2	2	1500	1	1	48	41	41	5	5	1.5				
	Guernsey ...	175	1010.6	-28	SE'E	5	46	97	6	6	2	2	1500	1002.8	-34	SE'S	5	20	50	97	6	5	2	2	1500	1	1	48	41	41	5	5	1.5				
6	Pembroke ...	142	1012.6	-8	ESE	6	40	97	6	5	10	10	2500	1006.3	-28	ESE	7	20	42	97	5	5	10	10	2500	1	1	39	37	37	0.3	2	0.0				
7	Holyhead ...	26	1014.8	-2	E	3	36	85	5	5	10	10	2500	1010.9	-22	E'N	5	20	38	85	5	5	10	10	2500	1	1	38	34	31	1	1	0.0				
	Chester (Sealand) ...	16	1017.2	-2	ESE	2	32	97	5	5	10	10	600	1015.6	-8	SE'E	3	20	32	92	6	5	10	10	1100	4	1	36	32	31	5	2	0.0				
8	Manchester ...	70	1018.3	-2	ESE	3	34	75	5	5	10	10	1500	1016.4	-16	E	4	20	34	75	4	5	10	10	1500	4	1	37	33	32	0.1	0.1	0.0				
10	Spurn Head ...	29	1019.7	0	ESE	5	33	85	7	5	9	9	1500	1019.8	0	SE'E	5	20	32	92	7	5	10	10	1500	1	1	35	31	31	0.1	Tr	0.0				
	Catterick ...	175	1020.5	-6	SE	2	33	85	5	5	10	10	2200	1019.7	-8	SE'S	2	20	32	85	6	8	10	10	1500	4	1	35	32	31	0.1	Tr	0.0				
	Tynemouth ...	108	1021.0	-2	SE	5	36	85	7	5	10	10	1500	1020.3	-6	SE	5	20	36	85	7	2	10	10	1500	1	1	37	33	33	Tr	-	0.0				
11	St. Abbs Head ...	280	1020.7	-4	ESE	5	35	75	7	8	2	2	2000	1019.3	-6	SE	6	20	35	85	8	5	2	2	2500	1	1	35	34	32	1	1	0.0				
	Leuchars ...	36	1021.5	-4	ESE	5	35	75	6	5	10	10	1500	1020.0	-14	ESE	5	20	36	75	6	8	10	10	2500	4	1	37	34	32	0.4	Tr	0.0				
12	Renfrew (Abbots I.) ...	19	1019.6	-10	ESE	3	35	75	6	5	7	7	2000	1017.2	-14	ESE	4	20	35	75	5	5	10	10	2100	1	1	37	34	32	0.5	-	0.0				
	Eskdalemuir ...	794	1018.0	-12	ESE	4	31	85	7	5	10	10	1500	1018.0	-12	ESE	4	20	31	85	7	5	10	10	1500	8	1	37	30	30	0.5	-	0.0				
	Point of Ayre ...	30	1016.7	-2	SE'E	6	36	85	8	8	2	2	1500	1013.2	-14	SE'E	7	20	36	85	7	6	2	2	1500	0	5	39	34	34	0.6	-	0.0				
13a	Tiree ...	22	1021.0	+2	ESE	5	36	97	8	5	7	7	2500	1013.5	-20	E'S	5	20	37	85	8	6	10	10	2500	0	5	40	34	34	0.1	-	0.2				
13b	Stornoway ...	80	1021.0	+2	ESE	5	36	97	8	5	7	7	2500	1019.5	-6	ESE	6	20	36	85	7	5	7	10	2500	1	3	38	36	36	Tr	-	0.0				
15	Dalwhinnie ...	1176	1017.0	-10	SE	5	29	92	6	5	10	10	800	1017.0	-10	SE	5	20	29	92	6	5	10	10	800												

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET
BRITISH SECTION
Tuesday 28th January 1941.
No. 25922

OBSERVATIONS at 13h. G.M.T. 27th January														OBSERVATIONS at 18h. G.M.T. 27th January														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-6 (29)	Sea. 0-9 (30)	WEATHER.					
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Direc. (17)	Force 0-12 (18)			Form. (23)	Amount. Low 0-10 Total 0-10 (26) (27)					Height of Base. (feet) (28)	7h.—18h. 27th (37)	13h.—18h. 27th (38)	18h.—27th 1h.—27th (39)	1h.—28th 28th (40)								
1	London (Kew)...	1015.7	-12	ESE	3	o/r	36	92	5	-	-	10	10	1500	1013.8	-10	E	4	ro	36	92	5	6	2	-	7-8	10	1500	1	*	cmo	cmo	cmo	cmo	
	Croydon ...	1016.0	-14	SSE	3	z	34	87	5	-	-	10	10	800	1013.9	-8	SE	3	o/r	36	97	5	5	-	-	10	10	700	1	*	omcmo	omcmo	omcmo	omcmo	
	S. Farnborough	1015.0	-16	ESE	3	ir	36	92	5	-	-	10	10	500	1013.6	-4	SE	2	ir	37	97	4	6	2	-	3+	10	500	1	*	dmoro	dmoro	dmoro	dmoro	
	Boscombe Down	1014.7	-6	ES	5	ro	37	97	5	-	2	-	10	10	300	1012.1	-2	ES	5	rr	40	97	5	6	2	-	10	10	400	1	*	odfmo	odfmo	odfmo	odfmo
	Calshot (Soton).	1013.0	-18	ESE	6	df	40	97	3	-	-	10	10	300	1011.3	-6	ESE	5	rr	42	97	3	5	-	-	10	10	300	1	*	omrrf	omrrf	omrrf	omrrf	
	Lympe	1017.1	-10	F	3	m	39	97	4	-	-	10	10	100	1015.8	-2	E	3	rf	36	97	3	-	2	-	10	10	100	1	\$	omo	omo	omo	omo	
	Manston	1017.2	-14	ES	3	z	34	92	5	-	-	10	10	400	1016.2	+2	ESE	3	ro	35	97	4	5	-	-	10	10	300	1	*	omo	omo	omo	omo	
2	Shoeburyness ...	1017.5	-12	ESE	3	o	35	92	5	-	-	10	10	800	1016.1	-4	ESE	3	ro	36	92	5	5	-	-	10	10	800	1	*	omo	omo	omo	omo	
	Felixstowe	1018.4	-6	E	4	z	34	92	5	-	-	10	10	500	1016.6	-6	E	4	z	35	85	5	5	-	-	10	10	600	1	3	omo	omo	omo	omo	
	Gorleston	1019.4	-6	SE	4	c	32	92	6	-	-	10	10	500	1017.5	-4	SE	4	c	33	85	6	5	-	-	10	10	300	3	3	c	omo	omo	omo	omo
	Mildenhall	1017.4	-12	ESE	4	z	32	92	5	-	-	10	10	500	1015.7	-6	ESE	4	rs	33	92	5	5	-	-	10	10	600	1	*	cmowomo	cmowomo	cmowomo	cmowomo	
	Cranwell	1017.5	-20	SE	5	z	31	97	6	-	-	10	10	1500	1016.3	-2	SE	5	so	31	97	4	5	-	-	10	10	800	8	*	omo	omo	omo	omo	
3	Birmingham	1014.2	-6	ESE	3	sh	32	97	3	6	-	-	10	10	450	1012.2	-4	ESE	3	rs	33	97	4	6	-	-	10	10	450	2	*	omo	omo	omo	omo
	Upper Heyford	1015.3	-8	E	4	st	33	97	3	*	-	-	10	10	1150	1013.3	-10	E	4	rs	34	97	3	-	2	-	10	10	300	1	*	omo	omo	omo	omo
4	Ross-on-Wye ...	1012.1	-16	E	3	ro	34	97	4	5	-	-	10	10	450	1009.9	-6	ESE	5	id	38	92	3	5	-	-	10	10	4000	4	*	omo	omo	omo	omo
5	Hartland Point	1005.2	-16	S	4	r	48	92	7	6	2	-	7-8	9+	1300	1003.7	-4	SE	3	pr	48	92	7	8	-	3	4-6	7-8	1500	1	3	omo	omo	omo	omo
	Bristol ...	1011.5	-16	SE	3	ld	38	97	6	5	-	-	10	10	400	1009.3	-12	ESE	4	pr	41	97	5	5	-	-	10	10	500	1	*	omo	omo	omo	omo
	Portland Bill	1010.2	-12	ESE	4	rr	43	92	7	5	-	-	10	10	1500	1008.5	-8	ESE	5	rr	42	92	7	5	-	-	10	10	1500	1	5	omo	omo	omo	omo
	Plymouth	1007.2	-16	SSE	5	sp	49	92	6	6	2	-	4-6	9+	800	1005.5	-4	SE	4	cjp	49	85	6	8	-	2	9+	9+	4000	1	4	omo	omo	omo	omo
	The Lizard	1004.8	-14	SE	7	c	50	85	7	8	2	-	9	10	1500	1002.6	-6	S	6	cjp	49	92	8	8	-	6	7-8	7-8	1500	1	5	c	omo	omo	omo
	Scilly (St. Mary's)	1000.8	-2	SSE	5	c	51	85	7	8	3	-	4-6	7-8	1400	1000.1	+2	SE	5	bc	48	92	7	8	-	3	2-3	4-6	1400	1	4	r	omo	omo	omo
	Guernsey	1000.8	-2	SSE	5	c	51	85	7	8	3	-	4-6	7-8	1400	1000.1	+2	SE	5	bc	48	92	7	8	-	3	2-3	4-6	1400	1	4	r	omo	omo	omo
6	Pembroke	1003.9	-18	ESE	8	rr	42	97	5	8	2	-	7-8	10	800	1003.2	-4	ESE	6	rr	44	97	6	8	-	-	10	10	1500	1	4	r	omo	omo	omo
7	Holyhead	1007.3	-22	E	6	ro	41	85	6	5	2	-	4-6	10	2500	1005.4	-4	E	6	c	41	85	6	5	-	7	7-8	10	2200	1	4	omo	omo	omo	omo
	Chester (Sealand)	1013.5	-12	SE	4	so	32	92	5	-	2	-	10	10	800	1011.4	-14	ESE	3	o/s	34	85	5	5	-	-	10	10	1100	7	*	omo	omo	omo	omo
8	Manchester	1014.6	-10	ES	4	m	33	85	4	5	2	-	9	10	1100	1012.7	-12	EN	5	→	34	85	4	-	2	-	10	10	800	7	*	omo	omo	omo	omo
10	Spurn Head	1017.7	-6	SEE	6	c	32	92	7	5	-	-	9+	9+	1400	1016.3	-4	SE	5	o	33	97	6	5	-	-	10	10	1500	4	4	c	omo	omo	omo
	Catterick	1018.1	-10	SSE	3	z	31	85	6	5	-	-	10	10	1300	1017.0	-2	SSE	4	is	31	97	6	5	-	2	7-8	10	1000	4	3	omo	omo	omo	omo
	Tynemouth	1019.3	-8	SE	5	c	35	85	7	9	-	-	9+	9+	800	1018.0	-2	ESE	5	c	35	85	7	8	-	-	9+	9+	1500	1	5	omo	omo	omo	omo
11	St. Abbs Head	1017.3	-10	SE	7	cq	35	85	8	5	2	-	7-8	10	2500	1017.2	+6	SE	8	cq	35	85	8	8	-	2	7-8	10	2500	0	5	cq	omo	omo	omo
	Leuchars	1018.8	-10	ESE	5	so	37	75	7	5	-	-	10	10	2200	1018.4	0	ESE	6	c	36	75	7	5	-	-	10	10	1200	*	*	c	omo	omo	omo
12	Renfrew (Abbots L.)	1015.6	-14	ES	4	z	36	75	5	5	2	-	7-8	9+	2000	1014.4	-4	ES	4	so	33	92	4	6	2	-	7-8	10	1600	7	*	c	omo	omo	omo
	Eskdalemuir	1016.4	-10	EN	4	c	31	75	6	5	2	-	2-3	10	1500	1015.5	-2	EN	3	c	30	85	6	5	-	-	10	10	1500	8	*	c	omo	omo	omo
	Point of Ayre	1011.2	-16	SE	7	c	36	85	6	6	2	-	4-6	10	800	1009.2	0	SE	7	ir	36	92	6	6	2	-	9	10	800	6	5	c	omo	omo	omo
13a	Tiree	1018.6	-6	ESE	7	c	37	*	8	5	7	-	7-8	10	2000	1015.6	-10	S	6	c	37	75	7	5	-	4-6	10	2200	1	4	c	omo	omo	omo	
13b	Stornoway	1016.9	-20	ESE	7	so	29	92	7	5	1	-	7-8	10	800	1026.0	-2	ESE	8	so	29	92	5	5	-	-	10	10	800	4	*	omo	omo	omo	omo
15	Dalwhinnie	1016.9	-20	ESE	7	so	29	92	7	5	2	-	9+	10	1500	1020.7	-2	SE	5	c	35	75	7	5	-	-	10	10	2500	1	5	omo	omo	omo	omo
	Aberdeen	1021.8	0	ESE	5	sp	36	65	7	5	2	-	9+	10	1500	1020.7	-2	SE	5	c	35	75	7	5	-	-	10	10	2500	1	5	omo	omo	omo	omo
	Wick	1022.1	-2	SE	7	sp	37	65	7	8	7	-	7-8	9+	1500	1020.7	-2	SE	5	c	35	75	7	5	-	-	10	10	2500	1	5	omo	omo	omo	omo
16	Lerwick	1022.1	-2	SE	7	sp	37	65	7	8	7	-	7-8	9+	1500	1020.7	-2	SE	5	c	35	75	7	5	-	-	10	10	2500	1	5	omo	omo	omo	omo
17	Blacksod Point...	998.1	-8	ESE	4	ir	44	97	7	6	-	-	10	10	800	997.0	0	ESE	4	o/r	45	97	7	5	-	-	10	10	1500	1	4	ir	omo	omo	omo
18																																			

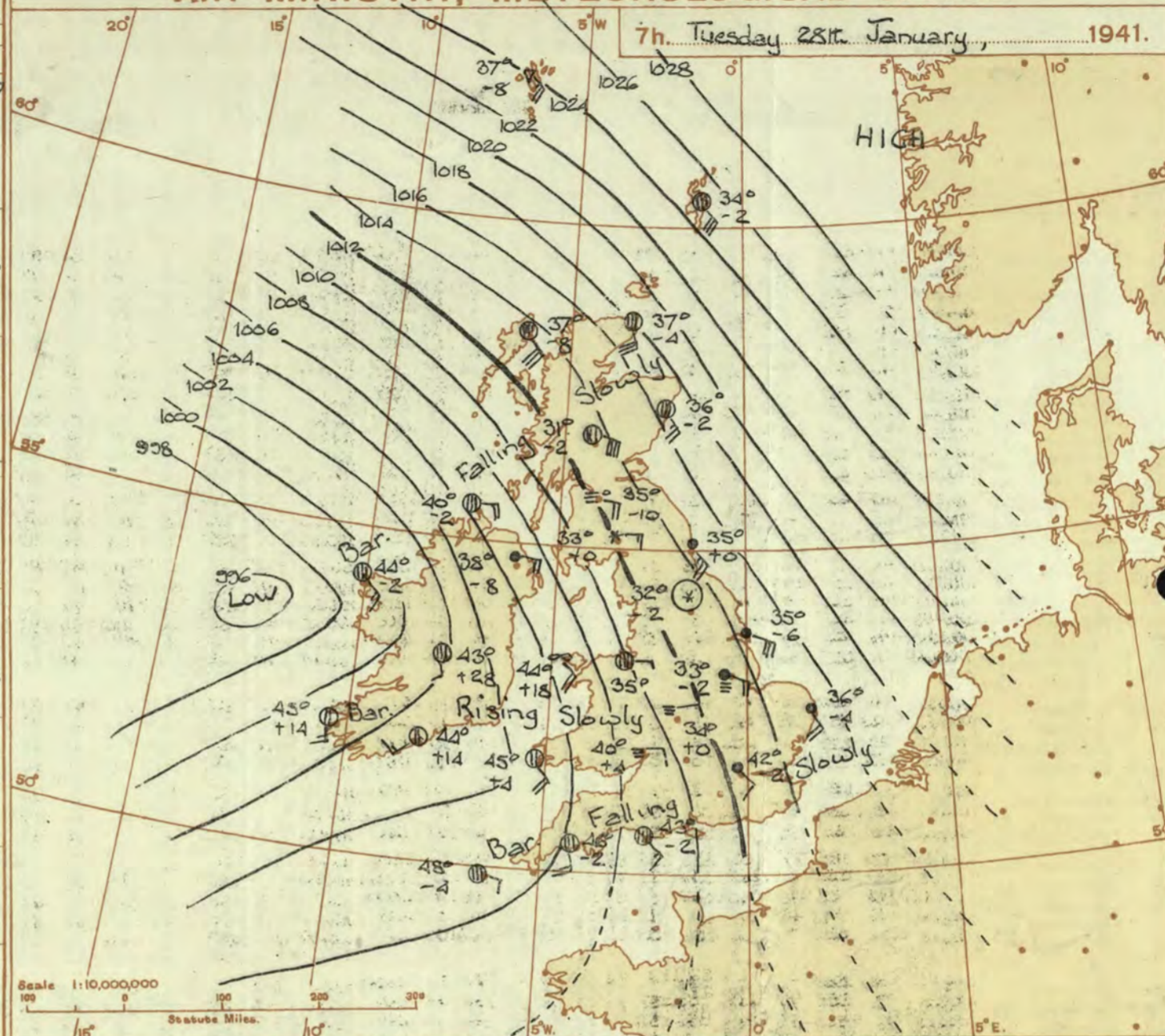
Abridged observations of additional stations in the

AVIATION WEATHER CODE

13h. G.M.T. 27th January				01h. G.M.T. 28th January			
III	C ₁	wwVhN	DDFWN	III	C ₁	wwVhN	DDFWN
109				8- 027-7	45687	8- 02757	45727
115	52	14834	41527	52	15844	41825	52 15844 41827
203							
206	57	02855	10828	52	02854	10528	52 14855 13628
210	52	83865	10588				5- 02857 43627
220							
230	57	02854	43628	52	72753	41578	52 72646 41578
245	8-	83758	44688	8-	14753	44788	8- 14648 10828
260	52	23755	08478	52	23645	41578	5- 68758 08478
277	52	72744	09578	02	72438	09578	02 72438 08378
279	52	02764	42527	--	74409	09579	
285	5-	03638	08528	5-	71538	08528	
288	5-	02756	11328	52	05646	10428	02 68648 10378
273							02 72448 12178
301	62	71545	11628	02	78438	10578	52 68545 41478
321	5-	05648	44428				5- 05548 08478
290	5-	05648	10428	5-	05648	10528	
292	5-	05648	10328	5-	05638	10328	5- 71638 08378
310							02 77328 08378
316	5-	06428	09348	02	77328	10378	
333	02	62758	44568	54	02756	41627	02 67328 08368
334	--	74538	10578	5-	05664	41514	5- 05656 08316
340				5-	24538	43778	
136	5-	05528	11428	5-	08428	10748	5- 08428 10468
336				--	67309	12469	-- 42309 12349
350							5- 67308 08368
368							
379	--	77109	08479	--	57109	08449	-- 57109 10359
390	5-	05538	42528	62	67314	08468	6- 67328 10368
382	5-	61428	10378	5-	61428	10368	5- 21428 10358
438	5-	46009	06449				5- 57009 16359
430	02	67318	10468	02	67308	12368	02 64418 16368
409	52	22734	4707	06	92626	16787	2- 01745 47565

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Tuesday 28th January

1 S.E. England	Light or moderate southeast wind; dull; occasional slight rain, some mist or slight fog. Average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate or light south or southwest wind, becoming fresh or strong later from south or southeast. Occasional rain, bright intervals locally at first; general rain later; mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Moderate or fresh southeast wind, strong locally; dull, some rain or sleet; snow locally on high ground at first, thaw becoming general but temperatures still rather low.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 5-7
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A depression off West Ireland is filling up but a new depression will soon take its place. Weather will be mainly dull with rain at times and snow locally at first in the North. A thaw will spread to all districts.

FURTHER OUTLOOK.

Mainly dull; rain at times.

Gale warning issued 1420h. 27/1/41. in districts 13, 15 & 16. Also at 2000h. 27/1/41. in Dogger Bank area.

Forecasts issued at 1030 G.M.T.

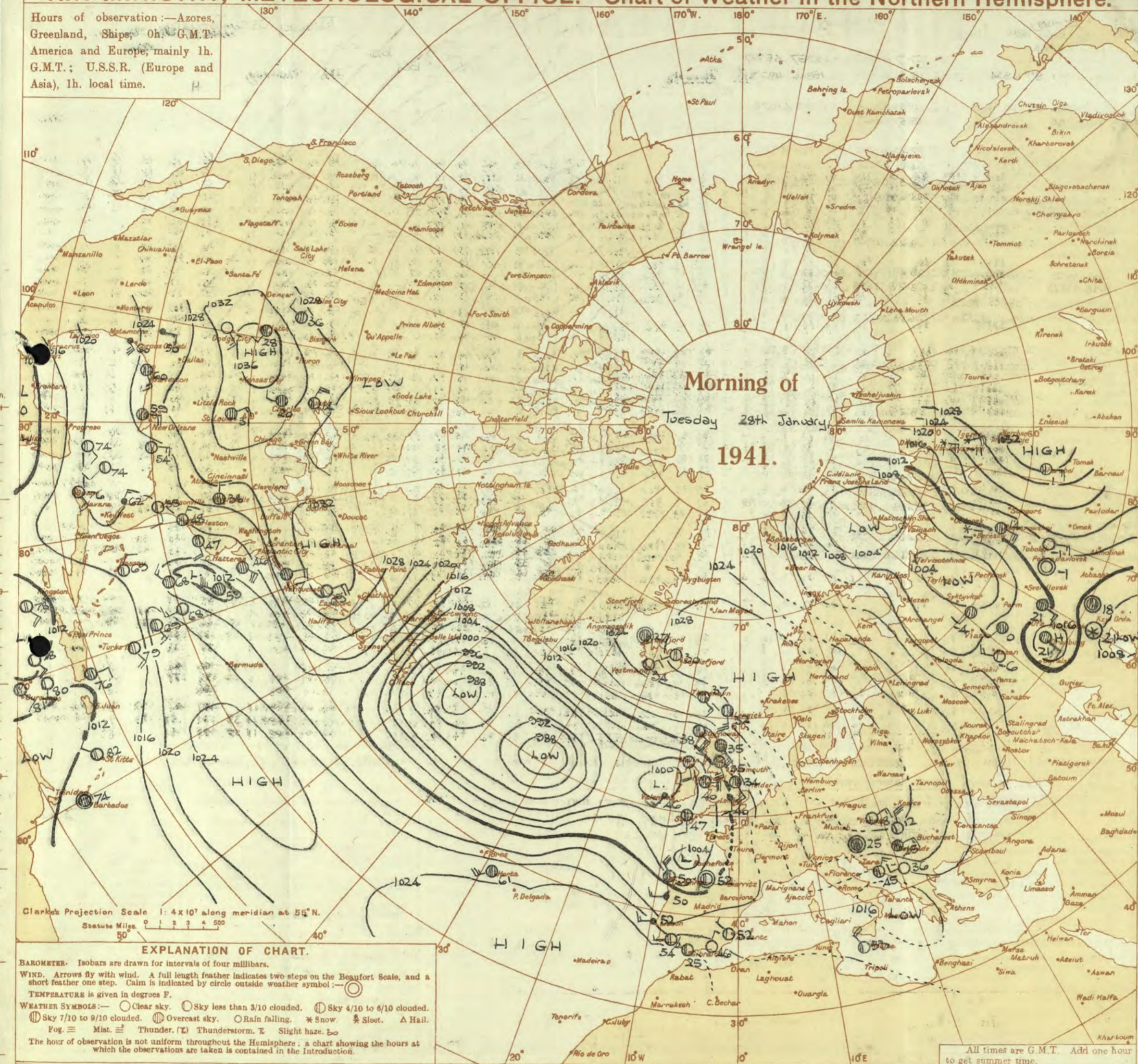
N. K. JOHNSON, D.Sc., A.R.C.S.
 Director.

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

970,3394. Wk. 24-48. 2.3708. 6.2-48. 3340 1/41

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

Tuesday 28th January 1941.

No. 2922

OBSERVATIONS at 1 hr. G.M.T. 28th January														OBSERVATIONS at 7 hr. G.M.T. 28th January														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE 27th 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 Croydon ... 217 S. Farnborough ... 226 Boscombe Down ... 417 Calshot (Stmntn.) ... 8 Lympe ... 346 Manston ... 154	* 1012.3 1011.5 1010.8 x 1014.1 1013.4	-10 -6 -10 x -8 -14	* S'E E SE * E E'S	2 2 4 x 3 2	* S'E dcd dcd * rf df	40 40 43 x 40 38	97 97 97 x 97 92	* 5 5 x x 1 3	* 6 - 5 x - 5	* 2 - x x - -	* 10 10 10 x 10 10	* 800 300 450 x 150 200	1011.4 1011.3 1010.6 1010.4 1009.9 1013.3 1012.2	-4 -2 -2 -4 -2 -2 -4	ESE SE E'N ESE ESE E ESE	3 2 1 3 3 1 3	rf rf df rf z rf dcd	40 42 41 43 41 41 39	92 97 97 97 97 97 97	3 4 3 5 5 1 4	6 2 5 5 5 1 5	- - - - - - -	7.8 10 10 10 10 10 10	1500 400 200 220 1100 1450 200	1 1 1 1 1 1 1	* * * * 3 3 *	36 36 37 40 42 (39) 36	36 36 37 40 40 36 35	35 35 37 40 40 35 35	2 2 2 2 5 2 Tr	4 3 5 3 4 8 3	0.0 0.0 0.0 0.0 0.0 0.0 0.0				
2	Shoeburyness ... 11 Felixstowe ... 15 Gorleston ... 5 Mildenhall ... 19 Cranwell ... 240	* 1014.7 1016.1 1013.9 1014.8	-12 -4 -10 -6	* ESE SE'E E'S SE'E	4 5 4 4	* m'd c rs rs	36 35 34 32	97 85 97 97	* 4 5 5 4	* 5 - 5 -	* - - -	* 10 10 10 10	* 300 800 200 600	1012.9 1013.3 1014.2 1012.6 1013.9	-2 -2 -4 -2 -2	E'S E'S SE E ESE	3 4 4 4 4	rf dr rf ir rf	39 37 36 37 33	97 97 97 97 97	4 3 5 5 3	2 - 6 - -	- - - - -	10 10 10 10 10	450 200 800 300 500	1 1 1 1 0	* * * * *	36 35 36 33 35	35 34 33 31 30	35 34 32 31 30	1 - - Tr 0.1	4 1 Tr 3 6	0.0 0.0 0.0 0.0 0.0				
3	Birmingham ... 535 Upper Heyford ... 408	* 1011.9	-6	* ESE	3	* rf	36	97	4	-	2	-	10	10	200	1011.0	-2	ESE	3	df	37	97	3	-	-	10	10	1500	6	*	33	32	32	2	2	0.0	
4	Ross-on-Wye ... 223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.9	-4	E'N	2	df	40	92	2	5	-	9	10	10	220	1	*	38	38	37	2	0.5	0.0
5	Hartland Point ... 299 Bristol ... 209 Portland Bill ... 32 Plymouth ... 82 The Lizard ... 240 Scilly (St. Mary's) ... 163 Guernsey ... 175	1005.3 1009.1 1009.1 1007.0 1005.7 1003.8	-6 -2 +4 +6 +8 +14	SSE ESE SE SSE SSE S'E	3 3 3 4 5 2	bc rf c bc bc bc	47 45 45 47 47 47	97 97 92 92 97 92	7 5 7 7 7 7	8 5 5 8 8 5	- - - - - 4	- 10 7.8 2.3 4.6 4.6	1500 500 2500 1200 1500 1500	1006.2 1009.4 1008.9 1007.0 1005.3 1003.7	+2 0 -2 -2 -2 -4	WNW ESE SE SSE SSE SE'E	3 2 3 4 3 2	c/pr z. o c c c	44 45 43 46 47 48	92 92 92 97 97 97	7 5 5 6 6 7	5 5 5 8 8 8	2 - - 2 2 2	- - - - - 9	4.6 10 10 7.8 9 7.8	1500 600 2500 1000 1500 1200	1 1 1 1 1 1	3 * 4 4 5 3	49 41 41 39 51 45	44 41 40 39 46 45	42 40 40 43 43 *	4 3 6 5 1 1	0.6 1 2 1 1 2	0.0 0.0 0.0 0.0 1.8 4.5			
6	Pembroke ... 142	1003.9	+8	S'E	5	cq	46	97	7	8	-	-	9.4	9.4	2500	1006.2	+4	SE	4	bc	45	97	7	8	4	-	2.3	4.6	2500	1	4	46	40	*	10	1	0.0
7	Holyhead ... 26	1006.0	-2	E'N	6	cq	40	92	6	5	3	-	9	9	3000	1006.6	+18	SE	4	z.	44	85	6	5	-	-	10	10	1800	1	4	42	38	38	5	0.2	0.0
8	Chester (Sealand) ... 16 Manchester ... 70	1010.9 1011.7	-4 -6	SE'E E	2 4	id. z.	35 36	92 85	5 5	- 5	- -	- 10	10 10	900 1100	1010.9 1011.7	+2 0	E E'N	1 3	df m	35 37	92 85	5 4	5 5	- -	- -	10 10	10 800	6 1	*	34 35	34 33	32 32	3 1	1 3	0.0 0.0		
10	Spurn Head ... 29 Catterick ... 175 Tynemouth ... 108	1014.9 1015.6 1017.0	-4 -6 -4	SE'E ESE SE	5 1 6	o so.s. o	34 34 35	92 97 92	6 4 7	5 - 6	- 2 -	- 10 10	10 10 1500	1013.4 1015.2 1016.2	-6 -2 0	SE'E - SE	6 o 5	ir so.s. rf	35 32 35	92 97 97	6 4 7	5 - 6	- 2 -	- 10 10	10 800 1500	0 8 1	4 * 5	34 32 36	30 30 35	*	29 Tr Tr	0.4 4 1	0.0 0.0 0.0				
11	St. Abbs Head ... 280	1015.9	-2	SE	8	cq	35	85	7	8	2	-	7.8	10	*	1014.8	-4	SE	7	rs	35	92	7	5	2	-	7.8	10	*	1	5	36	34	*	-	0.5	*
12	Leuchars ... 36 Renfrew (Abbots I.) ... 19 Eskdalemuir ... 794 Point of Ayre ... 30	1017.2 1013.9 * 1009.4	-4 -6 * +4	E'N ESE * ESE	6 4 * 6	c rs * c	36 33 * 37	75 97 * 92	7 5 * 7	5 2 * 6	- 2 * 2	- 10 7.8	10 10 800	1016.1 1012.1 1013.8 1009.3	-2 -10 0 +10	E E'S E SSE	6 4 3 6	sl m rs. rf	36 35 33 37	85 92 85 97	6 4 6 7	5 - - 6	- 2 - 2	- 10 10 10	1200 1200 800 1500	1 7 8 1	5 * * 5	37 37 32 37	35 32 30 35	*	Tr - - 3	0.0 0.0 0.0 0.0					
13A	Tiree ... 22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.2	-2	ESE	8	o	31	92	6	5	2	2	7.8	10	2500	1	4	37	37	*	-	0.0	
13B	Stornoway ... 80	1014.6	-4	ESE	6	c	38	75	7	5	7	-	4.6	10	2500	1013.1	-8	SE	6	c	37	75	7	5	7	-	7.8	10	2500	1	4	37	37	*	-	0.0	
15	Dalwhinnie ... 1176 Aberdeen ... 79 Wick ... 81	* * 1019.7	* * -8	* * SSE	* * 7	* * cq	* * 37	* * 75	* * 7	* * 8	* * 2	* * -	* * 7.8	* * 10	* * 1500	1018.6 1018.3	-2 -4	ESE SE	8 6	o c	31 36	92 65	6 7	5 5	2 -	- 10	10 1500	4 1	5 5	30 36	27 35	27 33	0.2 Tr	0.2 -	0.0 0.0		
16	Lerwick ... 156	1027.6	+6	SSE	5	c	32	85	7	8	7	-	4.6	10	800	1025.1	-2	SE	6	cq	34	85	8	5	7	-	4.6	7.8	1500	8	*	37	32	*	0.1	3	
17	Blacksod Point ... 18	998.7	+2	ESE	4	c	46	97	7	5	-	-	9.4	9.4	1500	998.2	-2	SE	3	c	44	97	7	-	7	-	0	7.8	-	0	4	46	42	*	3	-	0.0
18	Malin Head ... 84 Aldergrove ... 268	1006.9 1006.8	+10 +2	SE E'S	4 5	c rs	39 37	92 97	6 4	9 -	- 2	- 10	10 10	450 500	1005.3 1005.8	-2 -8	E'N ESE	4 4	c rf	40 38	92 97	6 4	6 -	- 2	- 10	9.4 10	9.4 400	1 *	3 *	39 36	37 *	*	11 2	1 -	0.0 0.0		
19	Birr Castle ... 173	1000.2	+2	SSE	3	ir	47	85	8	5	-	-	10	10	1500	1002.9	+28	SSE	1	c	43	92	8	5	-	-	4.6	10	2500	1	3	47	42	39	5	0.6	0.0
20	Valentia Obey. ... 30 Roches Point ... 22	998.5 997.8	+22 +4	S'W S'E	3 5	id. c/r	46 46	97 97	6 7	5 6	- -	- 7.8	10 7.8	800 1500	1001.6 1003.2	+14 +14	S'E SW	3 3	bc bc	45 44	92 97	8 8	5 5	- -	- -	2.3 4.6	2.3 4.6	2500 1500	1 1	3 5	51 49	44 44	39 *	7 8	6 -	0.1 0.0	

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Wednesday, 20th January, 1941.
No. 28,223.

OBSERVATIONS at 13h. G.M.T. 28th January.														OBSERVATIONS at 18h. G.M.T. 28th January.														PAST 24 HOURS.									
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. (29)	Sea. (30)	WEATHER.							
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. Low 0-10 Med. 10-10 High 10-10 (10-13)	Height of Base. (feet) (14)	Direc. (17)	Force. 0-12 (18)			Form. (23)	Amount. Low 0-10 Med. 10-10 High 10-10 (24-27)					Height of Base. (feet) (28)	7h.-13h. 28th. (37)	13h.-18h. 28th. (38)	18h.-1st 29th. (39)	1h.-7h. 29th. (40)										
1	London (Kew)...	1012.0	0	E/N	2	ra	43	57	2	2	-	9	10	1500	1012.8	+10	ENE	3	of	42	57	2	5	-	-	10	10	1500	1	3	cFFr	ra	cf	cf	cm		
	Croydon ...	1012.3	+6	S	1	ra	43	57	5	6	2	-	7	10	800	1012.6	+10	ESE	3	m	42	57	4	5	-	-	7	10	900	1	3	cf	ra	ra	cm		
	S. Farnborough	1011.7	+2	SE/E	2	do	44	57	5	5	-	-	7	10	800	1012.2	+4	E	2	z	43	57	4	5	-	-	10	10	800	1	3	rd	do	do	cm		
	Boscombe Down	1010.9	-2	E/S	3	cl	45	57	6	6	2	-	10	10	220	1011.5	+4	E'S	3	z	42	52	6	5	-	-	10	10	400	1	3	of	do	do	cm		
	Calshot (Soton.)	1013.3	-2	ESE	2	o/r	41	57	4	5	-	-	10	10	220	1011.1	+4	ESE	4	z	42	57	5	5	-	-	10	10	1000	1	3	of	do	do	cm		
	Lymington	1013.3	-2	ESE	2	o/r	41	57	4	5	-	-	10	10	220	1013.9	+6	ESE	2	f	40	57	3	5	-	-	10	10	1500	1	3	Fr	fr	fr	cf		
	Manston	1013.2	-2	ESE	3	rf	39	57	7	5	-	-	10	10	220	1013.7	+6	ESE	3	cf	40	57	3	5	-	-	7	10	4000	1	3	of	do	do	cm		
2	Shoeburyness ...	1013.7	+2	SE/E	3	rr	38	57	4	5	-	2	10	450	1014.3	+10	ESE	3	ra	39	57	4	5	-	-	10	10	450	1	3	m	ra	ra	cm			
	Felixstowe	1013.9	+2	ESE	4	ra	38	57	4	5	-	-	10	10	300	1014.4	+6	ESE	3	ra	37	57	4	5	-	-	7	10	1500	1	3	odr	ra	ra	cm		
	Gorleston	1015.4	+2	ESE	4	ra	41	52	5	6	-	-	10	10	450	1016.1	+6	ESE	4	ra	37	52	5	6	-	-	10	10	450	1	3	oir	ra	ra	cm		
	Mildenhall	1013.4	+2	ESE	4	o/d	39	57	5	5	-	-	10	10	300	1014.1	+10	E'S	3	ra	38	57	5	5	-	-	10	10	300	1	3	of	do	do	cm		
	Cranwell	1014.2	-2	ESE	3	rf	35	57	3	5	-	-	10	10	450	1014.6	+6	ESE	4	ra	35	57	2	5	-	-	10	10	200	4	3	of	do	do	cm		
3	Birmingham	1011.7	0	ENG	2	cf	35	57	1	5	-	-	10	10	450	1012.9	+4	ENE	2	F	36	57	0	5	-	-	10	10	1500	6	3	of	do	do	cm		
	Upper Heyford	1011.8	0	E/S	2	cf	41	57	3	5	-	-	10	10	2150	1012.4	+6	E	2	rf	41	57	3	5	-	-	10	10	1500	1	3	of	do	do	cm		
4	Ross-on-Wye	1010.9	0	ENE	2	cf	41	57	3	5	-	-	10	10	220	1011.5	+4	N	1	cf	39	57	2	5	-	-	10	10	220	1	3	of	do	do	cm		
5	Hartland Point	1007.3	0	E	3	c	46	57	7	8	6	3	4	7	1500	1007.7	+4	E	3	c	44	57	7	6	2	-	7	8	600	1	3	cir	c	c	cm		
	Bristol ...	1010.4	-2	ESE	3	m	45	57	4	2	-	-	10	10	220	1011.0	+4	ESE	3	z	44	55	6	5	-	-	7	8	800	1	3	cid	m	m	cm		
	Portland Bill	1009.1	-8	E	3	o	44	52	7	5	-	-	10	10	2500	1009.5	+8	E	4	o	43	52	7	5	-	-	10	10	2500	1	4	o	c	c	cm		
	Plymouth	1008.1	0	SSE	3	c/pr	46	55	8	5	-	-	10	10	3500	1008.4	+6	ESE	3	ir	45	52	6	5	-	-	10	10	3500	1	4	c	c	c	cm		
	The Lizard	1006.1	+8	SSE	4	pr	47	57	8	5	-	-	10	10	1500	1006.4	+6	SEE	4	c	47	57	8	5	-	-	10	10	1500	1	4	pr	c	c	cm		
	Scilly (St. Mary's)	1005.0	+6	SSE	2	c/pr	50	52	8	5	-	-	10	10	1500	1006.1	+10	-	0	bc	45	55	8	5	-	-	2	3	4	6	1800	1	3	pr	c	c	cm
	Guernsey	1007.9	+8	ESE	5	c	44	57	7	8	6	-	7	8	2000	1007.5	+2	ESE	5	ir	44	57	6	8	-	-	10	10	1500	1	4	bc	ir	ir	cm		
6	Pembroke	1008.8	+2	E/N	3	z	47	55	6	5	3	5	4	6	3500	1009.6	+10	EN	4	ir	40	52	3	5	-	-	7	8	3500	1	3	am	bc	bc	cm		
7	Holyhead	1012.1	-2	SE/E	2	o/f	36	52	4	5	-	-	10	10	600	1012.7	+4	-	0	id	36	52	3	5	-	-	10	10	900	4	3	ad	m	ff	cm		
8	Chester (Sealand)	1012.8	+2	NE	2	m	40	52	4	5	-	-	10	10	1200	1013.3	+6	EN	3	ra	38	55	4	5	-	-	7	8	800	1	3	cm	id	id	cm		
10	Spurn Head	1014.7	0	ESE	5	ir	35	57	5	5	-	-	10	10	800	1015.3	+2	SEE	5	ir	36	52	6	5	-	-	10	10	800	0	4	cir	ir	ir	cm		
	Catterick	1015.9	+6	-	0	df	33	57	3	2	-	-	10	10	500	1016.1	+2	-	0	df	33	57	3	2	-	-	10	10	400	6	3	as	fs	fs	cm		
	Tynemouth	1016.5	-20	SE	5	c/r	36	52	6	6	-	-	10	10	800	1016.4	+6	SE	5	cf	37	52	6	6	-	-	10	10	1500	1	4	oir	ir	ir	cm		
11	St. Abbs Head	1015.5	+4	SE	6	c/r	35	57	7	5	2	-	7	8	2000	1015.7	0	SSE	6	ra	36	52	7	5	-	-	7	8	2500	1	5	rs	sq	sq	cm		
	Leuchars	1017.1	+2	E/S	5	ra	35	52	6	5	-	-	10	10	700	1017.0	+6	SE	6	ra	36	55	5	5	-	-	10	10	500	1	5	am	ra	ra	cm		
12	Renfrew (Abbots L.)	1014.0	+8	E	3	is	35	52	5	2	-	-	10	10	1000	1014.5	+4	E	3	rs	35	57	4	5	-	-	10	10	1000	4	5	c	rs	rs	cm		
	Eskdalemuir	1014.5	+2	ENE	2	so	33	55	6	2	-	-	10	10	800	1015.1	+6	ESE	3	o	33	52	6	5	-	-	10	10	800	8	5	is	co	co	cm		
	Point of Ayre	1011.5	+4	SSE	6	c	38	52	8	5	2	-	4	6	1500	1012.3	+10	SEE	4	c	39	52	7	5	-	-	4	6	1500	1	5	ap	ra	ra	cm		
13A	Tiree	1009.0	0	SE	6	o	35	55	7	5	1	-	10	10	1800	1010.2	+8	ESE	5	o	35	55	7	5	-	-	10	10	1800	1	5	c	c	c	cm		
13B	Stornoway	1013.2	0	SE	5	c	40	55	8	5	7	-	7	8	2500	1012.1	+2	NE	4	pr	39	55	7	8	-	-	4	6	10	2000	1	2	ep	ra	ra	cm	
15	Dalwhinnie	*	+2	ESE	8	k/so	33	52	3	8	3	-	4	6	10	800	1013.0	+4	ESE	6	c	30	52	5	5	-	-	4	6	10	800	4	5	ks	oc	oc	cm
	Aberdeen	1017.3	-2	SE/E	5	is	35	55	7	5	-	-	10	10	1500	1018.0	+4	SE	4	is	36	55	6	5	-	-	4	6	10	2500	1	5	z	is	is	cm	
	Wick	1018.5	-2	SSE	7	cq	36	55	6	8	2	-	4	6	10	1500	1018.1	-2	SSE	7	ps	35	52	6	5	-	-	7	8	10	1500	1	5	pr	sc	sc	cm
16	Lerwick	1024.8	-4	SSE	6	c	34	55	6	8	7	-	4	6	7	1500	1024.0	-2	SE	6	c	33	55	8	8	-	-	7	8	9	1500	8	5	c	c	c	cm
17	Blacksod Point	1003.2	+28	S	3	c	48	55	7	5	-	-	0	+	1500	1004.4	+10	SE	2	c	45	57	8	5	-	-	0	10	-	0	3	c	c	c	cm		
18	Malin Head	1006.5	+14	SE	4	c	43	52	7	5	-	-	0	+	1500	1008.4	+10	SE	4	z	42	52	6	5	-	-	0	10	-	0	3	c	c	c	cm		
	Aldergrove	1008.5																																			

Abridged observations of additional stations in the

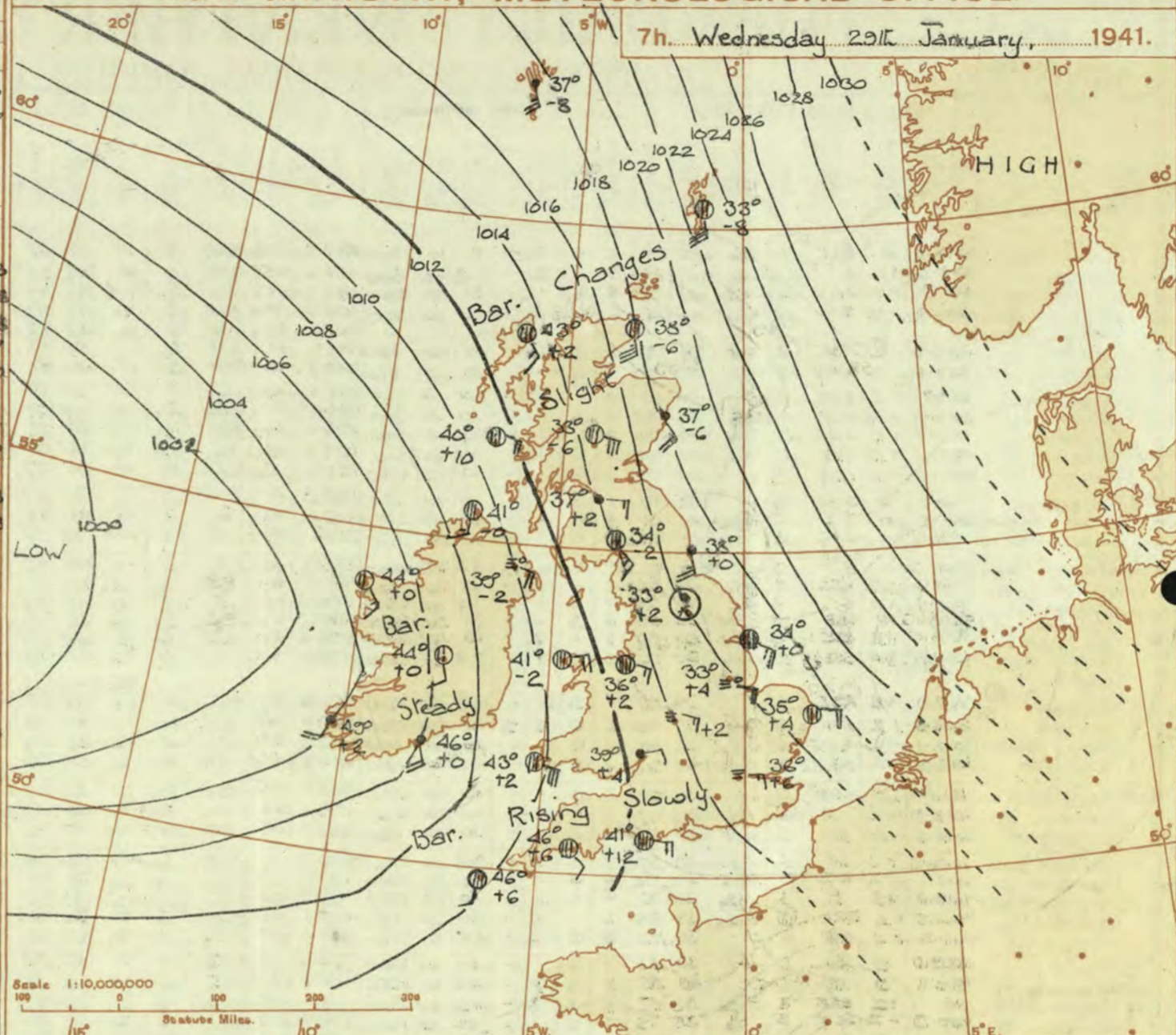
AVIATION WEATHER CODE

13h. G.M.T. 28th Jan.				15h. G.M.T.				01h. G.M.T. 29th Jan.				07h. G.M.T.			
III	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN	C _M	wwVhN _h	DDFWN
109	52	03765	43628	57	03765	45528	52	71755	46578	52	62646	14578			
115	52	03834	41887	52	15844	45687				52	83844	16387			
203															
206	52	24854	10577	57	02856	10426	5-	02868	11328	57	02864	10326			
210	57	02855	43687	52	02857	10478	5-	02858	10528	57	02854	12527			
220				52	03644	15628				52	03645	16628			
230				52	10645	12528	57	02744	10518	57	02745	10417			
245	5-	24748	12678	6-	62548	44778	6-	62648	45668	6-	62548	45468			
260				52	68547	08278	5-	05648	08128	52	61655	08268			
277				5-	02748	08458	5-	02748	08428	62	21637	08438			
279				5-	22657	08467	--	51648	04428	5-	02757	08827			
285	-2	77338	08578	--	46103	08443				--	77203	08473			
288				5-	61648	08178	02	22558	11368	52	62645	12368			
273										43	05553	10418			
301	5-	05588	10468	53	51565	09427	5-	21548	08458	5-	05568	09428			
321	02	64428	06268	02	58428	07268	02	62428	13268	02	68438	12268			
299	5-	68548	08478	5-	64548	10468	5-	62548	09468	5-	05548	08468			
292				02	51538	00078	02	58428	09268	02	68528	09178			
310															
316	02	57228	08358	--	67103	08263	02	57328	08368	5-	08438	10358			
333	03	01790	12224	53	05664	12225	5-	61648	12268	5-	22648	12268			
334	--	45316	08348												
340	5-	08428	02368	--	48303	09343	5-	08418	08468	5-	08418	08428			
136	--	44203	10360	02	62418	10368	02	72428	10378	5-	05528	09478			
336	--	44303	08340	--	06303	08340				--	42303	12340			
350										5-	08428	08328			
368															
379										--	46103	08343	5-	67308	10368
390	--	67103	10360	--	67203	08360	5-	43348	10368	5-	47338	08228			
382										5-	43338	09348	5-	08438	10328
438	5-	46303	12340							5-	48003	06340			
430	*			5-	08428	12328	5-	05538	12328	5-	08438	10428			
409	57	22746	12567	5-	61638	12568	5-	52528	10468	5-	01643	13253			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 29th January, 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 29th January

1 S.E. England	Light or moderate east or southeast wind. Dull; slight local rain: some mist and local fog inland and on Southeast coast. Rather cold; temperature near freezing point to-morrow.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light or moderate southeast or south wind; rain at times but bright intervals in extreme southwest. Rather mild.
6 South Wales ...	
7 North Wales ...	Moderate or fresh southeast wind. Dull; rain at times: average temperature.
8 N.W. England	As 1-4.
9 N. Midlands ...	
10 N.E. England	Moderate or fresh southeast wind. Dull; occasional slight rain or sleet: rather cold.
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	Light or moderate southerly wind, rain at times, bright intervals locally: rather mild.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

Pressure remains high from Scandinavia to Southeast Europe and relatively low off West Ireland. Feeble troughs from the Atlantic tend to dissipate over our southwestern districts. Cold air from the Continent is spreading back over our eastern and Midland districts. Weather will continue dull but rainfall will be slight except in southwestern districts. There will be mist and local fog in inland parts of England and on the Southeast coast.

FURTHER OUTLOOK.

Cold except in southwestern districts.

Gale warning issued 1420h 27.1.41. in district 16.

Forecasts issued at 1030 G.M.T.

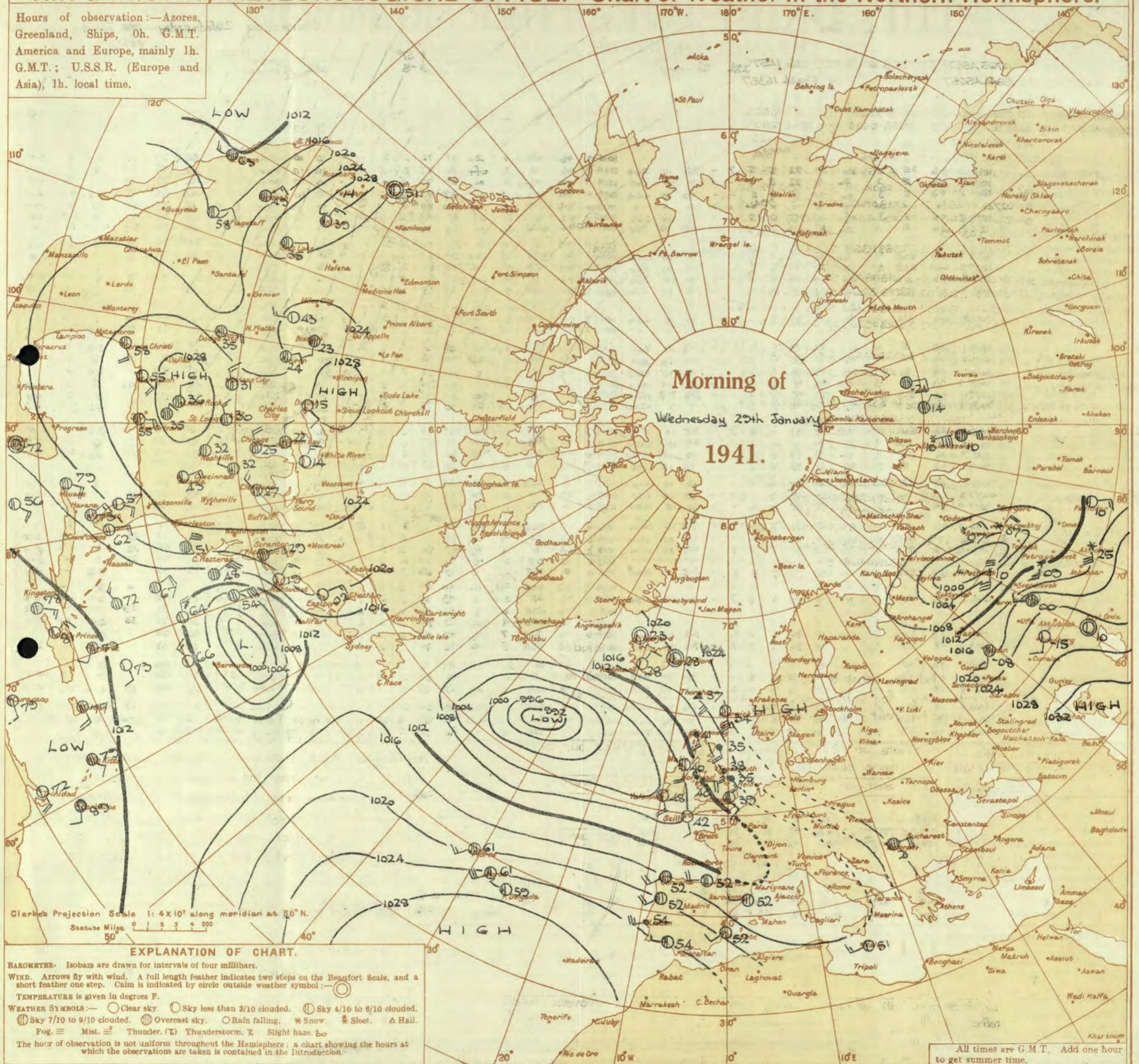
N. K. JOHNSON, D.Sc., A.R.C.S.
 Director.

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

070/3584. 14 6449. 33705. 6p. 548. 8340. 1/41.

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.

Wednesday, 29th January 1941.

No. 27923

OBSERVATIONS at 1 hr. G.M.T. 29th January

OBSERVATIONS at 7 hr. G.M.T. 29th January

PAST 24 HOURS.

DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. mi. (8)	Cloud.			Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. mi. (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUN- SHINE Hrs. (36)						
					Direc. (3)	Force. (4)					Low (9)	Med. (10)	High (11)			Low 0-10 (12)	Total 0-10 (13)					Height of Base. (feet) (14)	Direc. (17)	Force (18)			Low (23)	Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)		Height of Base (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1015.0	+6	E/N	4	Zo	37	92	5	5	-	-	10	10	1500	1	*	44	37	36	6	1	0.0				
	Croydon	217	1014.0	+6	SE	2	N	39	92	5	5	7	7.8	10	1014.7	+6	E	3	cf	36	97	3	5	-	-	10	10	600	1	*	43	35	35	5	-	0.0		
	S. Farnborough	226	1013.5	+4	E	2	N	41	92	5	5	-	10	10	1014.5	+6	E/N	3	m	37	92	4	5	-	-	10	10	400	1	*	45	37	36	1	Tr	0.0		
	Boscombe Down	417	1012.6	+2	E	3	m	40	97	4	5	-	10	10	1014.0	+6	E/S	4	m	39	92	4	5	-	-	10	10	450	1	*	45	38	38	0.2	0.1	0.0		
	Calshot (Stmntn.)	8	*	*	*	*	*	*	*	*	*	*	*	*	1013.0	+6	E/S	4	ir	40	92	5	5	-	-	10	10	700	1	4	43	39	39	Tr	2	0.0		
	Lympe	346	1014.8	+4	E	3	off	37	97	2	5	-	10	10	1015.1	+2	E	3	of	35	97	3	5	-	-	10	10	600	1	5	41	30	33	2	0.3	0.0		
	Manston	154	1015.4	+6	E	2	Zo	37	92	5	5	-	10	10	1015.7	+6	ENE	3	m	35	92	4	5	-	-	10	10	500	1	*	41	34	34	2	Tr	0.0		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1015.9	+4	E	4	o	36	92	5	5	-	-	10	10	1500	1	*	39	36	35	3	0.1	0.0		
	Felixstowe	15	1015.8	+6	ESE	4	N	36	92	5	5	-	10	10	1016.2	+2	ESE	4	Zo	34	97	5	5	-	-	10	10	700	1	3	38	34	33	3	1	0.0		
	Gorleston	5	1017.5	+10	ESE	4	c	36	85	6	5	-	10	10	1017.7	+4	E/S	4	e	35	85	6	5	-	-	10	10	800	1	*	38	34	31	1	3	0.0		
	Mildenhall	19	1015.8	+6	E/S	3	m	34	92	4	5	-	10	10	1016.2	+2	E	4	m	34	92	4	5	-	-	10	10	800	1	*	40	34	31	1	3	0.0		
	Cranwell	240	1016.1	*	SE/E	3	rf	34	97	2	-	-	10	10	1016.8	+4	ESE	4	mf	33	97	4	5	-	-	10	10	300	7	*	35	33	32	3	4	0.0		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1014.7	+2	ESE	3	cf	37	97	3	5	-	-	10	10	450	6	*	36	34	33	0.2	0.5	0.0		
	Upper Heyford	408	1013.3	+2	E/S	3	f	39	97	3	-	-	10	10	1014.7	+6	E/N	3	m/f	34	97	4	5	-	-	10	10	200	1	*	42	34	32	1	1	0.0		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1013.2	+4	ENE	2	Gr	39	97	4	-	2	-	10	10	450	1	*	41	39	38	0.1	5	0.0		
5	Hartland Point	299	1009.1	+8	E	3	c	43	97	7	5	2	7.8	10	1009.5	+6	ESE	4	c/r	43	97	7	6	2	-	7.8	97	800	1	4	47	42	41	0.6	1	1.8		
	Bristol	209	1012.1	+6	SE	4	c/r	42	97	5	5	-	10	10	1013.2	+8	SE	3	Gr	40	92	5	5	-	-	10	10	900	1	*	46	39	38	Tr	3	0.0		
	Portland Bill	32	1010.2	+4	E	4	o	42	92	7	5	-	10	10	1012.3	+12	E	4	o	41	92	7	5	-	-	10	10	2500	1	4	45	40	*	0.5	-	0.0		
	Plymouth	82	1009.3	+2	SE	3	Gr	46	97	6	5	2	9	10	1009.5	+6	SE	2	c	46	92	6	5	-	-	10	10	1000	1	2	49	44	43	2	6	0.0		
	The Lizard	240	1008.1	+6	SW	2	c	46	97	7	8	-	7.8	7.8	1009.7	+10	SSE	3	bc	45	97	7	8	-	-	4.6	4.6	2500	1	4	48	42	*	1	2	0.1		
	Scilly (St. Mary's)	163	1008.2	+12	SE/S	1	b	42	97	8	5	-	1	1	1008.8	+6	SW	2	bc	46	97	7	8	-	-	7.8	7.8	1800	1	3	51	42	*	0.1	0.3	3.7		
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	1008.8	+6	SW	2	c	46	97	7	8	-	-	7.8	7.8	1800	1	3	51	42	*	0.1	0.3	3.7		
6	Pembroke	142	1009.6	+6	ESE	5	Gr	43	97	6	8	2	7.8	10	1009.9	+2	SE/E	6	c	43	97	6	8	-	-	10	10	2500	1	4	46	42	*	0.2	4	0.0		
7	Holyhead	26	1010.9	+6	E/N	4	ir	40	97	6	5	2	7.8	10	1010.7	+2	ENE	4	c/r	41	97	6	5	-	-	97	97	2400	1	3	49	39	37	Tr	1	3.6		
	Chester (Sealand)	16	1013.9	+6	SE	1	m	36	92	4	5	-	10	10	1014.0	+2	ESE	3	c/d	36	92	5	5	-	-	10	10	700	4	*	36	35	34	Tr	0.3	0.0		
8	Manchester	70	1014.6	+6	E	3	c/r	37	92	4	6	-	10	10	1014.7	+2	E	4	m	38	85	4	5	-	-	9	9	900	1	*	40	35	*	0.1	0.3	0.0		
10	Spurn Head	29	1016.7	+8	SE	5	ir	35	97	6	5	-	10	10	1017.1	0	SE/E	5	c/r	34	97	6	5	-	-	10	10	800	0	4	36	32	*	3	2	0.0		
	Catterick	175	1017.2	+2	-	0	dodo	33	97	4	-	2	10	10	1017.4	+2	-	0	rs	33	97	3	-	-	-	10	10	450	6	*	33	32	31	5	2	0.0		
	Tynemouth	108	1017.0	+4	S	5	ir	38	97	6	6	-	10	10	1017.1	0	SSE	5	ir	38	97	6	6	-	-	10	10	1500	1	5	38	36	34	4	2	0.0		
11	St. Abbs Head	280	1016.8	+6	S	5	Gr	37	92	7	5	2	7.8	10	1016.4	-4	SSE	5	c/r	38	92	7	5	2	-	7.8	10	1500	1	4	37	36	*	5	1	0.0		
	Leuchars	36	1017.6	+4	ESE	4	dodo	37	85	5	5	-	10	10	1016.8	-2	SE	4	Zo	38	92	5	5	-	-	10	10	1500	1	*	36	35	33	1	0.3	0.0		
12	Renfrew (Abbots I.)	19	1015.4	-2	ESE	3	Zo	36	92	5	5	1	7.8	10	1015.3	+2	E	3	ir	37	92	5	5	-	-	10	10	2300	4	*	36	34	33	3	0.3	0.0		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1015.5	-2	SE	3	c	34	85	6	5	-	-	10	10	800	6	*	34	33	32	1	-	0.0		
	Point of Ayre...	30	1013.9	+4	SSE	5	c	39	92	7	5	2	7.8	10	1013.0	0	SSE	5	o	39	92	7	-	2	-	10	10	1500	1	5	39	38	*	0.4	-	0.0		
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1010.4	+10	ESE	4	c	40	85	8	5	-	-	9	9	2500	0	4	*	*	*	Tr	-	0.0		
13B	Stornoway	80	1013.5	+4	SE	3	pr	41	85	7	8	7	9	10	1012.8	+2	SE	3	c	43	65	7	5	7	-	4.6	7.8	2500	1	2	41	37	*	0.2	0.5	0.0		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	1015.5	-6	ESE	6	c	33	85	6	5	4	-	4.6	7.8	800	4	*	33	30	29	-	-	0.2		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1018.5	-6	SES	4	ir	37	85	6	5	2	-	9	10	1500	1	4	36	35	33	0.1	0.1	0.0		
	Wick	81	1017.7	-4	SSE	7	c/r	37	85	6	5	2	7.8	10	1016.6	-6	SSE	7	c/r	38	85	6	5	2	-	7.8	10	800	1	4	38	35	*	0.1	0.1	0.0		
16	Lerwick	156	1023.0	-8	SSE	7	c	34	85	8	8	7	7.8	97	1021.3	-8	SSE	7	c	33	85	8	8	2	-	7.8	10	1500	8	*	35	33	*	-	-	0.0		
17	Blackod Point	18	1005.5	+2	SE	3	bc	44	97	8	-	4	0	2.3	-	1005.0	0	SE	3	bc	44	97	8	-	4	0	4.6	-	0	4	49	42	*	1	-	0.0		
18	Malin Head	84	1010.1	+4	SE	4																																

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 30th January 1941.

No. 28924

OBSERVATIONS at 13h. G.M.T. 23th. January														OBSERVATIONS at 18h. G.M.T. 23th. January														PAST 24 HOURS.										
DIRECTION.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-6 (29)	Sea. 0-9 (30)	WEATHER.								
				Direc.	Force. 0-12 (4)					Form.	Amount. Low Total 0-10 0-10 (12) (13)	Height of Base. (feet) (14)	Direc.	Force. 0-12 (18)			Form.	Amount. Low Total 0-10 0-10 (23) (24)					Height of Base. (feet) (25)	7th.-13th. 23th. (37)	13th.-18th. 23th. (38)	18th.-23rd 1h.-30th (39)	1h.-7th. 30th (40)											
																														Low.	Med.	High	Low.	Med.	High	Low.	Med.	High
1	London (Kew)...	1016.0	-4	E'N	4	z	36	92	5	-	-	10	10	2500	1016.4	+6	E	4	z	35	92	5	5	-	-	10	10	1500	1	*	cm,mm,cm	cm	cm	cm				
	Croydon ...	1015.9	+2	ESE	3	m	35	97	4	5	-	10	10	600	1016.2	+6	ESE	3	z	33	97	2	5	-	-	10	10	1500	1	*	ofcm	off	ofcm	ofcm				
	S. Farnborough	1015.4	+2	ESE	3	m	37	95	4	5	-	10	10	700	1016.1	+6	ESE	3	z	34	97	4	5	-	-	10	10	500	1	*	cm,cm	cm	cm	cm				
	Boscombe Down	1015.3	+2	ESE	3	z	38	92	5	5	-	10	10	600	1015.3	-2	ESE	3	z	37	95	4	5	-	-	10	10	800	1	*	cm,cm	cm	cm	cm				
	Calshot (Soton.)	1014.6	+2	E	4	z	38	92	5	5	-	10	10	800	1015.3	-2	ESE	3	z	37	95	4	5	-	-	10	10	800	1	*	cm,cm	cm	cm	cm				
	Lympe	1016.8	+2	ESE	3	z	33	97	1	*	-	10	10	1150	1016.4	+6	E	3	z	35	92	3	-	-	-	10	10	1150	1	3	off	off	off	off				
	Manston	1016.7	0	E	2	z	33	97	4	5	-	10	10	2500	1016.8	+6	E	0	z	34	92	4	5	-	-	9	9	800	1	*	cm	cm	cm	cm				
2	Shoeburyness ...	1016.8	+2	E	3	z	35	92	5	5	-	10	10	800	1016.7	+2	ESE	3	z	35	92	5	5	-	-	10	10	1000	1	3	cm,mm	cm	cm	cm				
	Felixstowe ...	1017.2	+2	ESE	4	z	34	92	5	5	-	10	10	700	1017.5	+4	ESE	4	z	35	95	5	5	-	-	10	10	800	0	3	cm,mm	cm	cm	cm				
	Gorleston ...	1018.8	+2	ESE	4	z	35	92	6	5	-	10	10	800	1018.2	0	ESE	4	z	34	95	5	5	-	-	10	10	800	1	*	cm,mm	cm	cm	cm				
	Mildenhall ...	1017.1	0	E	3	z	35	92	6	5	-	10	10	700	1017.2	+2	E	4	z	34	92	5	5	-	-	10	10	700	1	*	cm,mm	cm	cm	cm				
	Cranwell ...	1018.1	+2	ESE	4	m	33	97	4	5	-	10	10	500	1017.8	0	ESE	4	z	33	97	4	5	-	-	10	10	700	4	*	cm,mm	cm	cm	cm				
3	Birmingham	1016.2	+2	ESE	3	z	34	92	4	5	-	10	10	800	1016.8	0	ESE	3	z	34	92	4	5	-	-	10	10	800	1	*	cm,mm	cm	cm	cm				
	Upper Heyford	1016.2	+6	E	2	z	35	97	5	5	-	10	10	500	1016.0	+2	E	3	z	34	97	4	5	-	-	10	10	500	1	*	cm,mm	cm	cm	cm				
4	Ross-on-Wye ...	1015.0	+4	EN	2	m	38	92	4	5	-	10	10	450	1014.9	0	E	2	z	37	95	3	5	-	-	10	10	450	1	*	cm,mm	cm	cm	cm				
5	Hartland Point	1011.4	0	ESE	4	c	44	97	7	5	6	2	4	6	3	600	1011.1	0	SE	4	c	41	97	7	5	4	9	4	6	7	1000	1	4	cm	cm	cm		
	Bristol ...	1014.9	-2	ESE	3	z	36	92	5	5	-	10	10	700	1015.0	+3	SESE	3	z	35	95	5	5	-	-	10	10	700	1	4	cm	cm	cm	cm				
	Portland Bill	1013.3	+6	E	4	z	40	92	7	5	-	10	10	2500	1013.9	+6	E	4	z	40	92	7	5	-	-	10	10	2500	1	4	cm	cm	cm	cm				
	Plymouth	1012.2	+2	SE	3	id.	45	97	8	8	2	-	9	9	200	1013.0	+6	ESE	3	id.	43	97	5	6	2	-	9	10	300	1	3	cm	cm	cm	cm			
	The Lizard	1011.3	+6	SSE	4	cpr	47	97	8	8	2	-	9	10	2000	1011.3	0	ESE	3	c	47	97	8	8	2	-	9	10	1200	1	2	cm	cm	cm	cm			
	Scilly (St. Mary's)	1010.3	+4	SE	3	cpr	49	97	8	8	7	-	7	8	10	1500	1009.9	0	SE	2	c	49	97	8	8	7	-	4	6	9	1200	1	2	cm	cm	cm		
	Guernsey ...																																					
6	Pembroke ...	1010.0	0	SESE	5	c	43	97	6	8	2	-	7	8	10	2000	1011.3	+2	SE	6	z	43	97	6	8	2	-	7	8	10	1600	1	4	cm	cm	cm		
7	Holyhead ...	1011.6	-2	SESE	3	c	44	95	6	5	-	-	9	9	3500	1011.6	+2	SE	3	z	43	95	6	5	-	-	10	10	3500	1	2	cm	cm	cm	cm			
	Chester (Sealand)	1015.4	-2	SE	2	m	36	85	4	5	-	-	10	10	800	1015.6	+2	SE	3	z	35	92	4	5	-	-	10	10	600	1	*	cm,mm	cm	cm	cm			
8	Manchester ...	1016.0	-2	E	4	m	39	85	4	5	-	-	9	9	5000	1015.9	+2	E	3	z	36	85	4	5	3	-	4	6	9	2500	1	*	cm,mm	cm	cm	cm		
10	Spurn Head ...	1018.2	+4	SESE	4	u	33	97	6	5	-	-	10	10	600	1018.2	0	SESE	5	z	33	97	6	5	-	-	10	10	800	1	4	cm	cm	cm	cm			
	Catterick ...	1018.5	-2	SESE	1	z	33	97	4	-	2	-	10	10	500	1018.3	+6	SESE	3	z	33	97	3	-	2	-	10	10	500	6		cm	cm	cm	cm			
	Tynemouth ...	1018.6	+4	SSE	4	z	37	92	6	6	-	-	10	10	1200	1018.4	+4	SSE	4	z	37	92	6	6	-	-	10	10	1500	1	4	cm	cm	cm	cm			
11	St. Abbs Head	1017.0	0	S	5	c	36	97	7	6	2	-	4	6	10	1500	1016.4	-4	SE	5	c	37	97	7	5	2	-	7	8	10	-	1	4	cm	cm	cm		
	Leuchars ...	1017.7	0	E	4	c	38	85	6	5	7	-	9	9	700	1017.0	+2	SE	4	z	38	85	6	5	-	-	10	10	900	1	*	cm,mm	cm	cm	cm			
12	Reufrow (Abbots L.)	1015.5	-2	E	3	c	38	85	5	5	7	-	7	8	10	3000	1015.0	+4	E	2	z	37	95	4	5	3	-	4	6	9	3000	1	*	cm,mm	cm	cm	cm	
	Eskdalemuir ...	1016.2	-2	SE	3	c	33	85	6	5	7	-	9	9	1500	1016.1	+4	ESE	3	z	34	85	7	5	-	-	9	9	1500	6	*	cm,mm	cm	cm	cm			
	Point of Ayre ...	1013.2	-4	SSE	6	c	40	85	6	2	4	-	4	6	7	1500	1012.8	+4	SSE	6	z	38	92	6	5	2	-	7	8	10	1500	1	5	cm	cm	cm	cm	
13A	Tiree ...	1011.5	-2	SESE	5	z	41	85	8	5	-	-	10	10	2100	1010.3	-2	ESE	4	z	42	85	6	5	-	-	10	10	1800	0	5	cm	cm	cm	cm			
13B	Stornoway ...	1012.6	-2	SE	3	c	43	78	8	5	4	-	1	7	7	3000	1012.2	0	SE	3	z	43	75	8	5	5	3	2	3	4	6	3000	1	2	cm	cm	cm	cm
15	Dalwhinnie ...	1013.8	-4	ESE	5	c	36	85	6	5	4	-	4	6	10	800	*	+6	ESE	5	z	34	92	5	5	-	-	10	10	800	4	*	cm	cm	cm	cm		
	Aberdeen ...	1018.7	-2	SE	4	c	38	85	6	5	2	-	9	9	10	2500	1018.3	-2	SSE	4	z	38	85	6	5	2	-	9	10	2500	1	4	cm	cm	cm	cm		
	Wick ...	1016.4	-4	SSE	6	c	39	85	6	5	2	-	7	8	10	1500	1016.9	-4	SSE	6	z	39	85	6	5	2	-	7	8	10	1500	1	5	cm	cm	cm	cm	
16	Lerwick...	10200	-12	S	8	rs	35	85	6	5	2	-	7	8	10	800	1019.4	+2	SE	8	z	39	75	6	9	2	-	7	8	10	800	*		cm	cm	cm		
17	Blacksod Point..	1003.9	-8	SE	3	c	45	97	8	5	-	-	9	9	1500	1002.7	+6	SE	1	c/d	46	97	7	5	-	-	9	9	800	1	3	cm	cm	cm	cm			
18	Malin Head	1003.4	-10	SE	3	z	42	92	3	8	-	-	9	9	800	1002.6	-10	SE	4	z	41	92	5	3	-	-	9	9	450	0	4	cm	cm	cm	cm			
	Aldergrove ...	1010.9	-4	ESE	4	z	40	97	4	6	-	-	10	10	500	1009.7	-6	ESE	4	z	41	92	3	5	-	-	10	10	400	2	*	cm,mm	cm	cm	cm			
19	Birr Castle ...	1006.7	-4	SE	2	cpr	47	85	8	9	1	-	7	8	10	1500	1006.3	+2	SE	2	cpr	47	92	8	9	1	-	7	8	10	1500	1	*	cm	cm	cm	cm	
20	Valentia Obsy.†	1005.6	-10	SE	4	c	51	82	8	8	3	-	7	8	3	4000	1005.3	-2	S	3	c	48	92	8	8	3	-	7	8	9	4000	1	*	cm	cm	cm	cm	
	Roche Point ...	1007.2	+2	S	3	c	48	97	7	6	-	-	9	9	1500	1007.1	+4	SW	3	c	47	97	8	6	3	-	4	6	7	1500	1	5	cm	cm	cm	cm		

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

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).

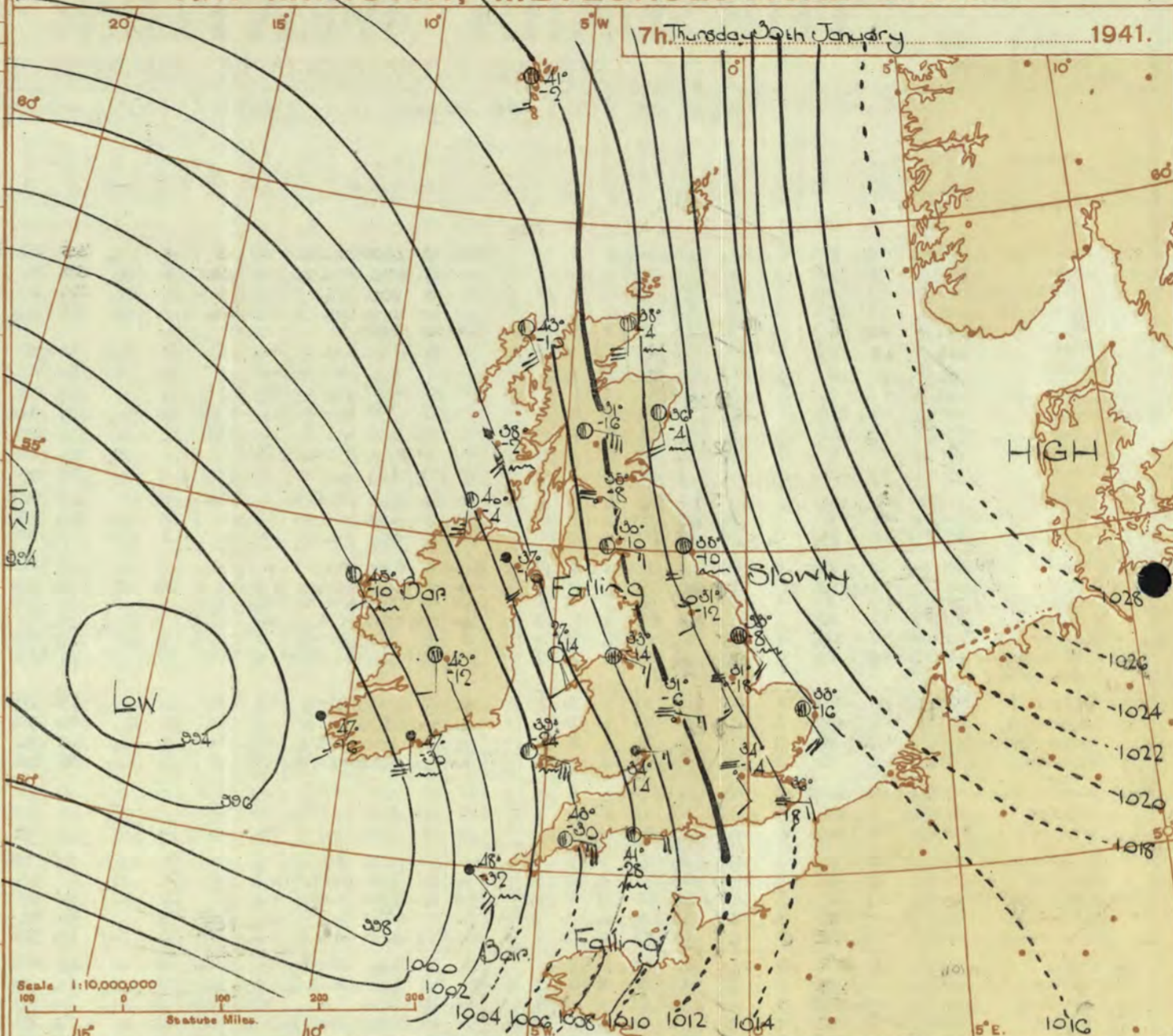
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.

Abridged observations of additional stations in the
AVIATION WEATHER CODE

13h. G.M.T.	15h. G.M.T.	17h. G.M.T.	19h. G.M.T.	21h. G.M.T.	23h. G.M.T.	01h. G.M.T.	03h. G.M.T.	05h. G.M.T.	07h. G.M.T.
III. C.	ww. Vh. N.	DDFWN	C. C.	ww. Vh. N.	DDFWN	C. C.	ww. Vh. N.	DDFWN	C. C.
109									
115	53	02834	28385	51	02824	4325	50	02854	16126
203									
206	54	01863	12124	53	02864	14225	50	01863	12263
210	87	02754	37525	56	01754	14325	5-	02858	16528
220									
230	53	02756	12317	57	01654	12314	50	05631	12411
245	6-	62648	14368	5-	05548	47568	5-	05648	47628
260	57	61655	08368	5-	05556	08226	5-	05547	08317
277	5-	05648	12428	5-	05538	44668	5-	05638	45668
279	73	02754	09365						
285	--	77209	08449	--	46109	08449	--	46190	08540
288	52	68645	12178	52	68537	12278	5-	05538	12278
273									
301	03	08490	11414	5-	08447	12367	5-	05538	45528
321	02	71538	10378	5-	05548	10328	5-	05538	12228
299	5-	05548	10428	5-	05548	10328	5-	05548	10328
292	02	72428	10278	5-	09428	08378	5-	02538	10328
310									
316	02	45328	10378	5-	08428	08248	5-	08428	10228
333	52	62755	10268	5-	05658	06428	5-	05648	12428
334	--	05528	08328						
340	5-	61428	12448	5-	08438	10468	02	52428	12458
136	5-	05528	10328	5-	05528	10328			
350	--	46309	08349	--	46309	04349			
350	5-	05528	07328						
368									
379	5-	08418	10328	5-	08428	10328	--	57109	12359
390	5-	41428	08448	5-	08438	08328	5-	08428	10228
382	5-	08438	08228	5-	08438	08328	5-	08438	08328
435	--	46109	08349						
430	5-	05538	12328	5-	57628	04228	5-	08438	06348
409	57	02824	14417	53	21625	12587	5-	51638	13568

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. = 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.



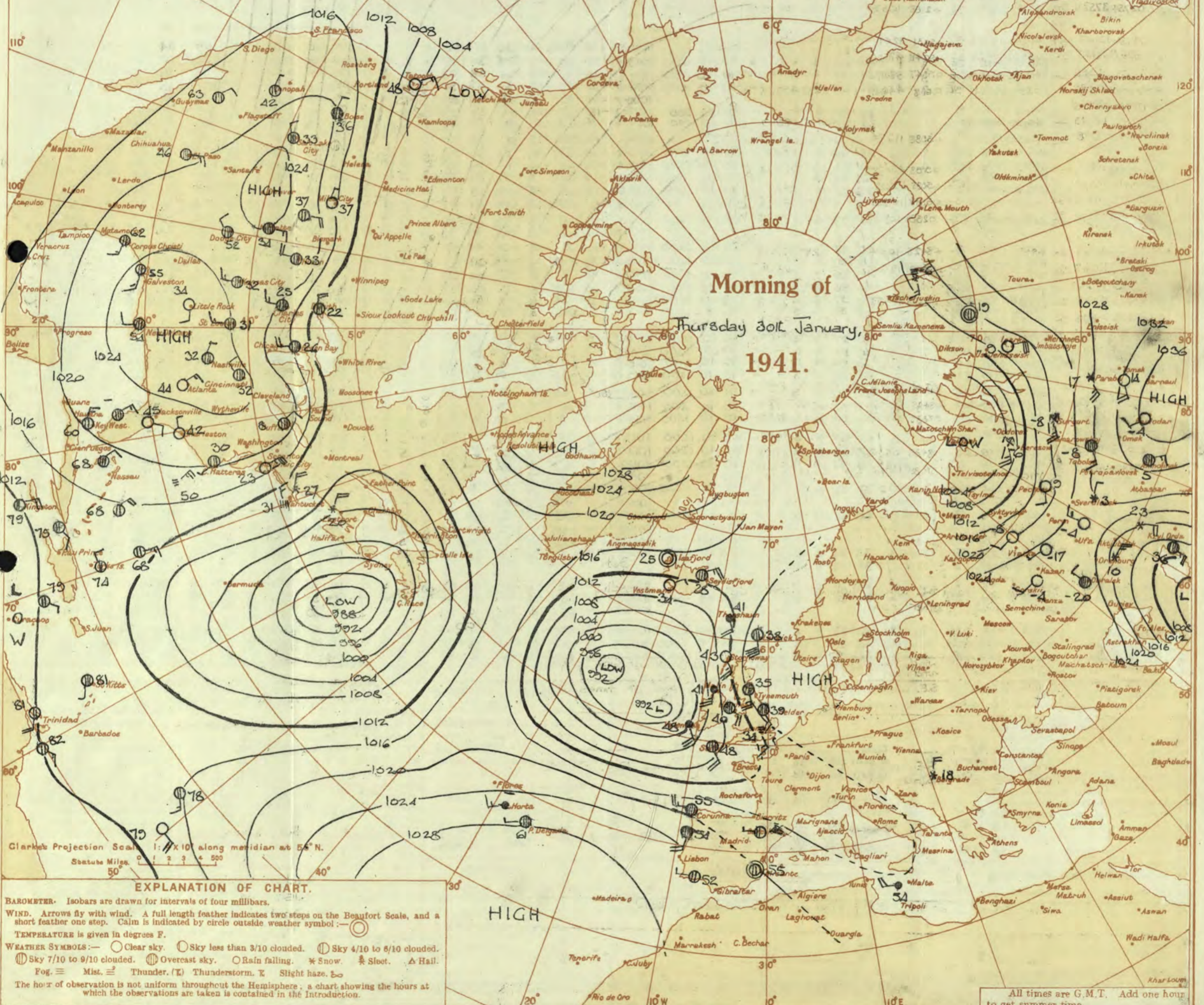
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AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

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

Morning of

















Thursday 30th January, 1941.



Clark's Projection Scale 1:10 along meridian at 55° N.

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol:—
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS:— Clear sky.  Sky less than 3/10 clouded.  Sky 4/10 to 6/10 clouded.  Sky 7/10 to 9/10 clouded.  Overcast sky.  Rain falling.  Snow.  Sleet.  Hail.
 Fog.  Mist.  Thunder.  Thunderstorm.  Slight haze.  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. 30th January															OBSERVATIONS at 7 hr. G.M.T. 30th January															PAST 24 HOURS.							
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)	
					Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)	Force. 0-12 (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)						
1	London (Kew)	18	1015.0	-10	SE	3	F	34	92	3	*	*	10	10	1150	1011.5	-14	ENE	4	Zo	35	92	5	5	-	-	10	10	1500	1	*	37	34	34	-	-	0.0
	Croydon	217	1015.0	-10	SE	3	F	34	92	3	*	*	10	10	1150	1012.1	-14	SE	2	Zo	34	92	4	5	-	-	10	10	400	1	*	36	33	33	-	-	0.0
	S. Farnborough	226	1014.4	-14	ESE	3	Zo	34	97	5	5	-	10	10	500	1011.2	-20	E	2	m	35	92	4	5	-	-	10	10	600	1	*	38	33	33	-	-	0.0
	Boscombe Down	417	1014.8	-8	ENE	2	F+	34	97	2	5	-	10	10	1150	1010.8	-18	E	3	f	33	97	2	*	-	-	10	10	1150	1	*	38	33	33	-	-	0.0
	Calshot (Stmtn.)	8	1016.0	-6	E	2	cf	33	97	3	5	-	9+	9+	900	1009.7	-14	E	4	cf	37	97	3	5	-	-	10	10	900	1	4	40	35	35	-	-	0.0
	Lympne	346	1016.0	-6	E	2	cf	33	97	3	5	-	9+	9+	900	1013.2	-18	E	4	of	36	97	3	5	-	-	10	10	600	1	*	35	32	27	-	-	0.0
	Manston	154	1015.9	-6	EN	1	m	35	92	4	5	-	10	10	700	1012.4	-26	E's	3	m	33	85	4	5	-	-	4.6	4.6	600	1	*	35	33	29	-	-	0.0
2	Shoeburyness	11	1016.6	-6	ESE	3	Zo	35	85	5	5	-	10	10	1100	1013.3	-16	ESE	3	o	35	92	5	5	-	-	10	10	800	1	*	36	34	35	-	-	0.0
	Felixstowe	15	1018.1	-6	SE'E	3	c	33	85	5	5	-	9+	9+	1300	1013.2	-20	E's	4	Zo	34	92	5	5	-	-	10	10	700	1	3	35	33	33	-	-	0.0
	Gorleston	5	1018.1	-6	SE'E	3	c	33	85	5	5	-	9+	9+	1300	1015.4	-16	SE	4	c	33	92	5	5	-	-	10	10	1500	0	3	35	32	32	-	-	0.0
	Mildenhall	19	1016.2	-10	E's	3	Zo	33	85	5	5	-	10	10	800	1013.1	-16	ESE	3	Zo	32	92	5	5	-	-	10	10	600	1	*	38	32	29	-	-	0.0
	Cranwell	240	1017.1	-4	ESE	4	m	32	97	4	5	-	10	10	800	1014.0	-18	SE	3	m	31	92	4	5	-	-	10	10	800	1	*	34	31	30	0.1	-	0.0
3	Birmingham	535	1014.7	-14	E's	2	m	33	97	4	5	-	10	10	400	1011.4	-6	ESE	3	m	31	97	4	5	-	-	10	10	800	7	*	34	31	30	-	-	0.2
	Upper Heyford	408	1014.7	-14	E's	2	m	33	97	4	5	-	10	10	400	1012.1	-14	E	3	Zo	32	97	5	5	-	-	10	10	800	1	*	36	32	31	-	-	0.1
4	Ross-on-Wye	223	1014.7	-14	E's	2	m	33	97	4	5	-	10	10	400	1009.9	-14	E	3	df	34	97	3	5	-	-	10	10	220	1	*	35	33	33	5	0.2	0.0
5	Hartland Point	299	1009.3	-10	E	5	bc	40	97	7	4	-	23	23	2500	1003.9	-36	E	5	o	40	97	7	5	-	-	10	10	1500	1	4	45	39	38	1	-	0.5
	Bristol	209	1013.7	-12	ESE	2	d.d.	35	97	5	5	-	10	10	500	1009.6	-26	ESE	2	cf+	34	97	2	5	-	-	10	10	100	1	*	41	34	34	Tr	Tr	0.0
	Portland Bill	32	1011.9	-12	ESE	4	o	40	92	7	5	-	10	10	2500	1007.5	-28	E	4	c	41	92	7	5	-	-	10	10	2500	1	4	44	33	33	-	-	0.0
	Plymouth	82	1011.1	-14	SE'E	4	c	43	85	6	5	-	10	10	900	1005.7	-30	ESE	5	c	43	85	6	5	-	-	4.6	10	1500	1	3	46	42	41	7	0.5	0.0
	The Lizard	240	1008.8	-10	SE'E	6	c	46	97	8	8	2	7.8	10	1500	1002.6	-30	ESE	6	rr	46	97	6	5	-	-	10	10	1500	4	5	43	43	33	0.5	0.5	0.0
	Stilly (St. Mary's)	163	1006.6	-18	SE's	4	c	48	97	6	5	-	9	9	1500	999.3	-32	SE's	5	rr	48	97	6	6	-	-	10	10	1500	1	4	43	47	33	0.6	0.6	0.2
	Guernsey	175	1008.2	-10	SEE	6	q	40	97	6	8	2	7.8	10	1500	1003.7	-24	ESE	7	oq	33	97	5	5	-	-	10	10	1500	1	4	43	38	33	1	2	0.1
6	Pembroke	142	1010.2	-10	SEE	4	q	40	92	6	5	-	9+	9+	2500	1007.3	-14	SE	2	b	37	92	7	5	-	-	Tr	Tr	4000	1	2	44	36	32	0.2	Tr	0.0
7	Holyhead	26	1010.2	-10	SEE	4	q	40	92	6	5	-	9+	9+	2500	1007.3	-14	SE	2	b	37	92	7	5	-	-	Tr	Tr	4000	1	2	44	36	32	0.2	Tr	0.0
	Chester (Sealand)	16	1014.1	-10	SE	3	d.d.	33	92	4	5	-	10	10	700	1010.7	-14	ESE	3	o	33	92	5	5	-	-	10	10	700	4	*	36	33	32	0.1	Tr	0.0
8	Manchester	70	1014.9	-10	ESE	4	Zo	33	85	5	5	-	10	10	1500	1012.0	-16	E's	3	m	33	85	4	5	-	-	10	10	1200	1	*	35	33	31	Tr	-	0.0
10	Spurn Head	29	1016.0	-6	SE	4	o	33	92	6	5	-	10	10	1500	1014.2	-8	SE'E	4	o	33	92	6	5	-	-	10	10	800	1	4	34	32	31	-	-	0.0
	Catterick	175	1016.8	-10	SSE	2	m	32	92	4	2	-	10	10	800	1014.3	-12	SE	2	Zo	31	92	5	-	-	-	10	10	1000	8	*	33	30	29	0.2	Tr	0.0
	Tynemouth	108	1017.6	-6	S	5	o	35	85	6	6	-	10	10	1500	1014.6	-10	S	5	o	35	92	6	5	-	-	10	10	1500	1	4	38	34	33	1	-	0.0
11	St. Abbs Head	280	1015.2	-8	SSE	5	cq	35	97	7	5	2	7.8	10	1500	1013.1	-6	SE	6	eq	35	92	7	5	-	-	7.8	10	1500	1	4	38	35	33	0.5	-	*
	Leuchars	36	1015.7	-10	SE	5	Zo	37	85	5	5	-	10	10	1000	1013.5	-6	SE	6	Zo	37	85	6	5	-	-	10	10	1500	1	*	35	36	33	0.1	Tr	0.0
12	Renfrew (Abbots L.)	19	1013.7	-10	E's	3	pho	36	85	5	8	-	10	10	1500	1011.3	-8	E's	3	m	35	85	4	5	-	-	9	9	3500	1	3	35	33	31	1	Tr	0.0
	Eskdalemuir	794	1012.0	-4	S'E	6	o	37	92	6	2	-	10	10	1500	1012.6	-10	E	3	c	30	92	6	5	-	-	10	10	450	8	*	36	30	29	Tr	-	0.8
	Point of Ayre	30	1012.0	-4	S'E	6	o	37	92	6	2	-	10	10	1500	1009.2	-16	SSE	6	o	36	92	6	2	-	-	10	10	2500	1	5	40	35	33	0.4	-	0.0
13a	Tiree	22	1010.9	-8	SE	5	b	43	75	7	5	-	1	1	2500	1006.9	-2	SE'E	5	dd	38	92	7	-	-	-	10	10	1500	1	5	42	37	33	0.4	-	0.0
13b	Stornoway	80	1010.9	-8	SE	5	b	43	75	7	5	-	1	1	2500	1008.7	-10	SE	5	bc	43	75	7	5	-	-	2.3	2.3	2500	1	3	44	42	33	-	-	0.0
15	Dalwhinnie	1176	1013.4	+2	SE	7	cq	38	85	6	5	2	7.8	10	1500	1011.8	-16	ESE	7	bc	31	92	5	8	-	-	4.6	4.6	1500	4	*	36	31	29	Tr	Tr	0.0
	Aberdeen	79	1013.4	+2	SE	7	cq	38	85	6	5	2	7.8	10	1500	1013.5	-4	SSE	4	c	36	75	5	5	-	-	10	10	2500	1	4	38	36	35	1	-	0.0
	Wick	81	1013.4	+2	SE	7	cq	38	85	6	5	2	7.8	10	1500	1013.5	-4	S	6	o	38	75	6	5	-	-	10	10	800	1	4	40	37	33	Tr	-	0.0
16	Lerwick	156																																			

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Friday 31st January 1941.
No. 28925

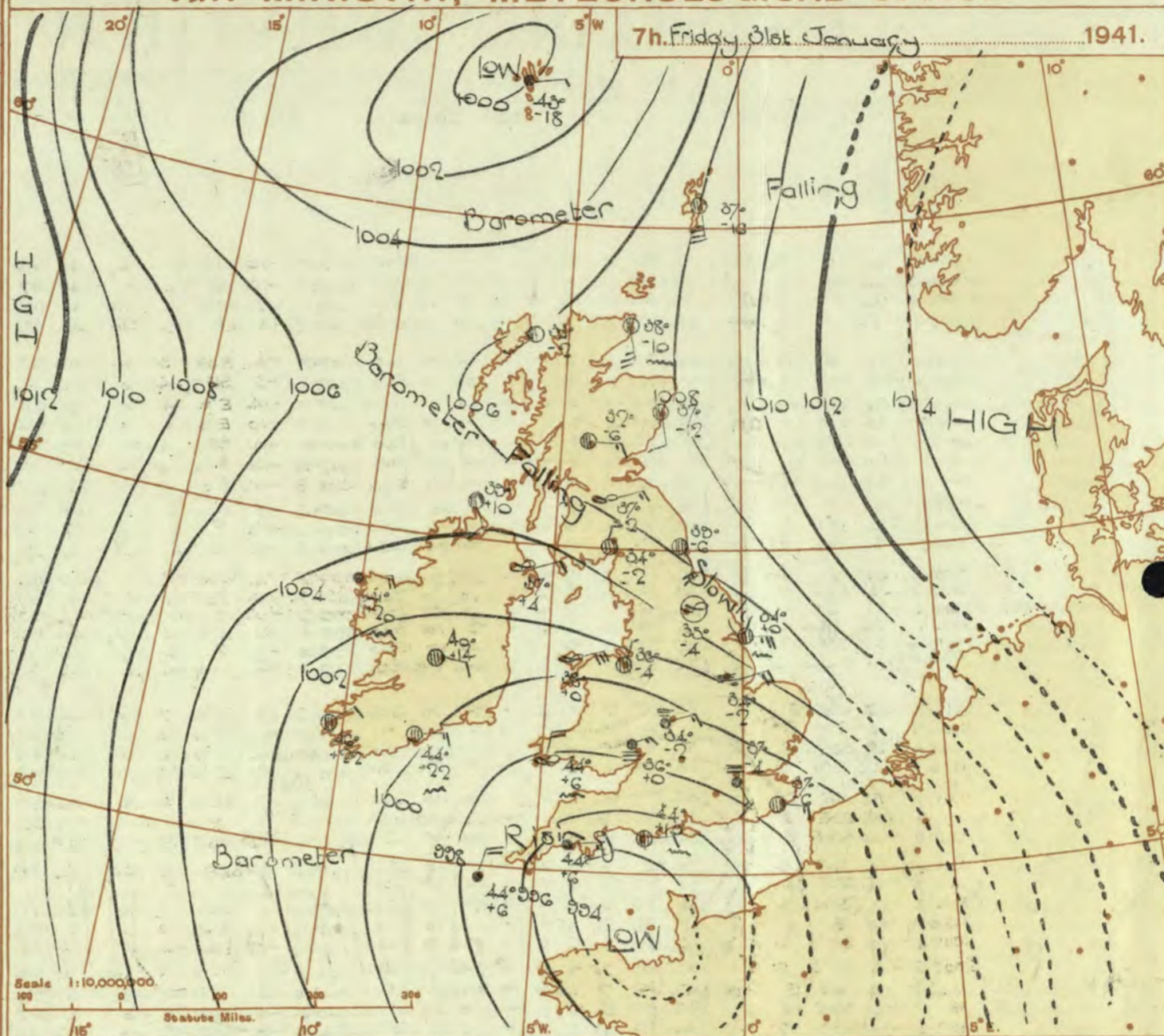
OBSERVATIONS at 13h. G.M.T. 30th January														OBSERVATIONS at 18h. G.M.T. 30th January														PAST 24 HOURS.					
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	° Humid. (7)	Visibility. (8)	Cloud.					Barom. 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)	WEATHER.			
				Dir. (3)	Force. (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. 30th (37)	13h.—18h. 30th (38)	18h.—30th 1h.—31st (39)	1h.—7h. 31st (40)
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lympne Manston	1007.3 1008.3 1007.4 1007.1 1007.0 1007.0 1007.6	-2.0 -2.2 -2.6 -2.8 -2.2 -2.2 -2.2	E SE E E E E ESE	3 3 2 5 3 3 3	o o o o o o o	32 33 33 33 38 37 37	72 74 77 77 77 77 77	5 5 5 5 5 5 5	- - - - - - -	10 10 10 10 10 10 10	10 10 10 10 10 10 10	1500 500 200 450 100 400 400	1004.3 1003.1 1004.4 1003.2 1007.7 1007.1 1007.1	-1.0 -1.4 -1.2 -1.8 -1.4 -1.6 -1.6	ESE SE SE SE ESE SE SE	4 4 4 4 3 4 4	m m m m m m m	41 40 40 41 39 39 39	32 37 37 37 32 32 32	5 5 5 5 4 4 4	5 5 5 5 5 5 5	- - - - - - -	10 10 10 10 10 10 10	10 10 10 10 10 10 10	1500 400 500 500 400 400 500	1 1 1 1 1 1 1	*	cid. eff omd md. s. fo ofe fo. ff cid. id. m	cfm. m. om ofcm. om. cir. fo. m fo. m fo. m	cm. do cfm cid. r. sp cm. r. sm om. do om. do om. do	dc. m. do p. m. r. fo or. r	

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 , wwVhN _h , DDFWN	C _M , wwVhN _h , DDFWN	C _M , wwVhN _h , DDFWN	C _M , wwVhN _h , DDFWN
1095- 03748 13528			
11551 01863 16424	51 01864 16314	51 01853 04114	52 02844 16227
203		5- 00862 12212	
20603 01700 14114		00 02690 00000	00 05600 00000
21087 02745 12427		00 00700 13000	50 00751 10101
220			52 03748 12128
23053 05654 08412	04 05690 12414	50 05673 10313	5- 05658 10328
2455- 05648 12628		5- 61648 13558	5- 05548 12268
26053 05664 10415	5- 05547 10228	5- 05548 10328	5- 05548 10128
27753 02745 08426	5- 05558 02428	5- 05658 08428	5- 05656 08228
27900 05600 41525	50 05554 43514	-- 05548 12528	5- 05658 41428
285-- 44203 10649	-- 46109 10649	-- 46109 08349	
2885- 05648 12428	5- 05548 10228	5- 05648 08228	5- 05548 08328
273			
30153 05673 09445	5- 08448 07428	5- 05558 43428	5- 05548 41428
321			
321- 05548 07378	5- 71538 07378	5- 05538 07228	4- 05538 07328
2995- 05548 10328	5- 05548 10328	5- 05548 10428	5- 05548 08628
2925- 51438 10328	5- 23428 12278	5- 21428 08158	5- 05538 06228
310			
3160- 45328 12348	5- 45128 06378	02 45328 06358	5- 47228 06348
33357 02644 10427	62 62548 08468	50 05654 08624	50 05654 08744
334-- 72428 08378			
34002 28428 12578	5- 45328	5- 41428 06558	52 61437 06368
1365- 08428 10428	5- 45318 10468	5- 05538 10428	5- 08428 08528
336-- 16309 12349	-- 46309 12349	-- 42809 12349	
3505- 08428 06428	-- 46309 12349		62 62418 08268
3685- 57328 08548			
379-- 46109 08449	-- 46109 08449	-- 67109 08469	5- 45318 39648
390-- 48200 08350	-- 46309 09449	6- 62128 08568	5- 54428 07568
3820- 46328 08348	5- 45328 09348	02 62438 30448	02 58438 07468
4385- 46003 14349			5- 46009 07349
4305- 05548	5- 08427 10468	02 58438 10568	5- 08438 06458
40062 64617 40768	62 58627 2568	02 62628 04268	02 54418 02368

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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. 31st January 1941.
1 S.E. England	Wind E. backing N.E. or N. moderate or light; dull, rain at times; risk of snow tomorrow but probably not heavy; some mist; rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind N.E. to N. moderate to light; dull, some rain, becoming slight and local; rather cold.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Moderate or fresh E. wind, backing N.E. and decreasing; dull, slight local showers of rain sleet or snow; rather cold.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Light variable wind, freshening from west later; mainly cloudy, perhaps rain sleet or snow later; rather cold.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind S. to S.W. strong to gale, veering later; cloudy, rain later; rather cold.
17 N. W. Ireland	Wind becoming N. to N.W. or variable light; cloudy slight showers 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 depression over the western English Channel will move slowly E. or S.E. and fill up. A depression near the Faeroes will probably move slowly east and deepen and a secondary off South Iceland will move S.E. and deepen. The anticyclone over Greenland and the Atlantic will spread. A change to a northerly type of weather is expected with snow locally after today, but there is no immediate prospect of heavy falls except in the extreme North tomorrow.

FURTHER OUTLOOK.

A change to a Northerly type of weather is probable with snow locally especially in the North. Some bright periods in most districts after tomorrow.

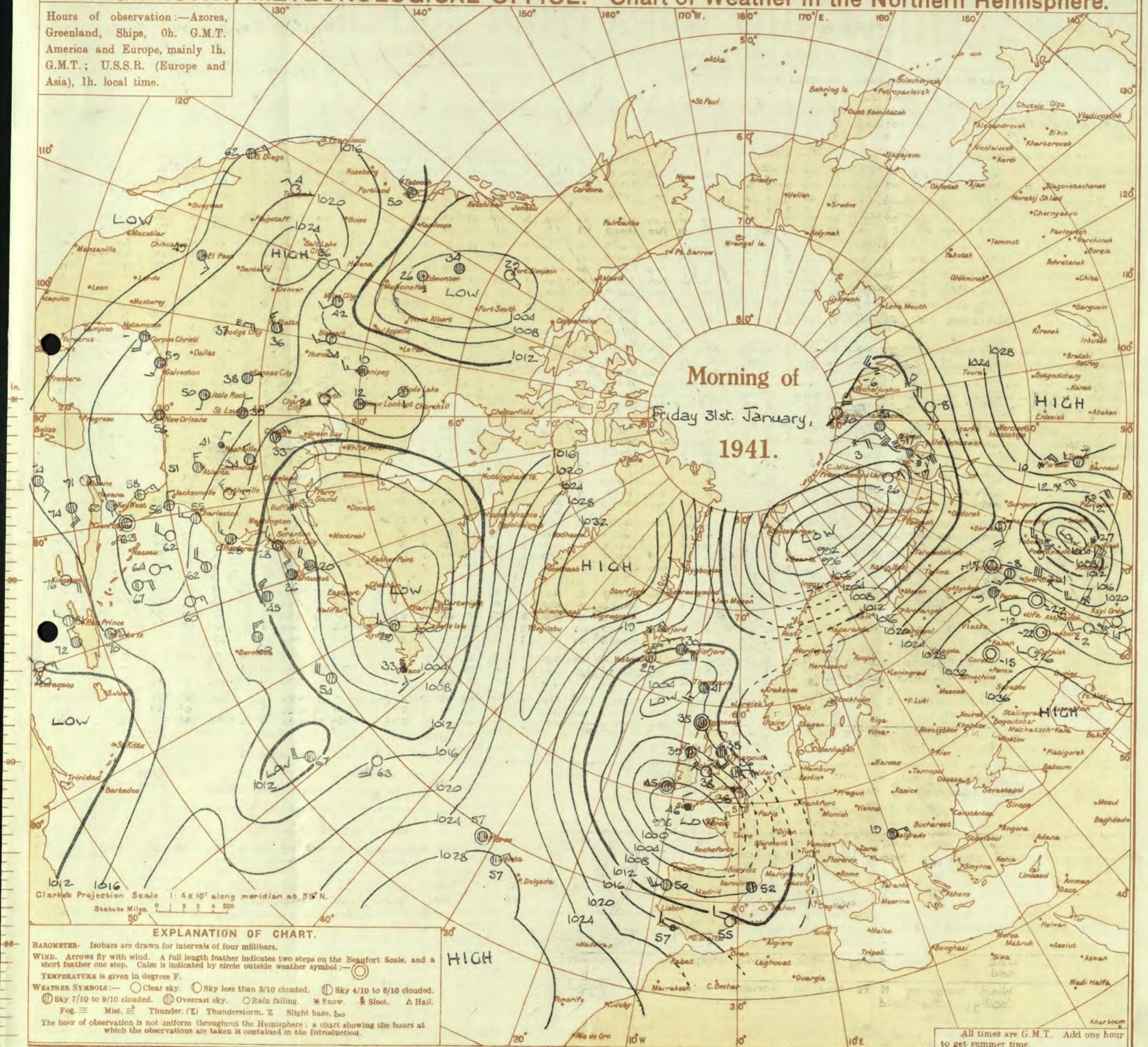
Forecasts issued at 10.30h. G.M.T.

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 31st January 1941.
 No. 28925

OBSERVATIONS at 1 hr. G.M.T. 31st January															OBSERVATIONS at 7 hr. G.M.T. 31st January															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 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.					Barom. at M.S.L. (29)	Change in 3 hours. (30)	TEMPERATURE.		RAINFALL.		SUNSHINE. 30th Hrs. (36)				
					Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base (feet) (14)	Direc. (17)	Force. 0-12 (18)			Form. (23)	Amount. (24)					Height of Base (feet) (28)	State of Ground. 0-9 (29)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)			Day 7h-18h mm. (34)	Night 18h-7h mm. (35)							
																																	Low. (11)	Med. (12)		High. (13)	Low. (25)	Med. (26)	High. (27)
1	London (Kew) ... 18	217	1000.4	-22	SE/E	3	c/r	38	97	4	5	-	-	10	10	600	998.9	-4	ENE	4	dod.	38	92	4	5	-	-	10	10	1500	1	41	37	37	Tr	1	0.0		
	Croydon ... 218	1000.4	-22	SE/E	3	c/r	38	97	4	5	-	-	10	10	600	998.9	-4	SE	3	df	37	97	3	-	2	-	10	10	400	1	40	37	36	Tr	1	0.0			
	S. Farnborough ... 226	999.5	-20	E	4	c/r	39	97	6	-	2	-	-	10	10	700	998.6	-2	ENE	3	c/r	38	92	5	6	2	-	9	10	200	1	41	37	38	0.1	3	0.0		
	Boscombe Down ... 417	999.1	-20	NE/E	4	c/r	39	97	4	-	2	-	-	10	10	400	997.6	0	ENE	4	ir	37	97	4	-	2	-	10	10	400	1	41	37	37	0.2	3	0.0		
	Calshot (Stmtn.) ... 8	1000.4	-16	ESE	5	dod.	37	97	5	-	2	-	-	10	10	200	1000.4	-6	ESE	3	c/r	37	97	4	-	2	-	10	10	200	1	39	36	35	0.1	4	0.0		
	Lympe ... 346	1002.4	-24	ESE	5	20	37	92	6	5	-	-	-	10	10	200	1000.2	-4	ESE	3	df	37	97	3	6	-	-	10	10	400	1	39	36	36	Tr	3	0.0		
	Manston ... 154	1002.0	-24	ESE	5	20	37	92	6	5	-	-	-	10	10	200	1000.2	-4	ESE	3	df	37	97	3	6	-	-	10	10	400	1	39	36	36	Tr	3	0.0		
2	Shoeburyness ... 11	1003.6	-22	ESE	6	m	37	97	4	5	-	-	-	10	10	400	1001.2	-6	ESE	4	c/r	38	97	5	-	2	-	10	10	450	1	38	37	37	Tr	1	0.0		
	Felixstowe ... 15	1006.2	-18	ESE	5	c	36	85	6	5	-	-	-	10	10	800	1001.1	-14	SE/E	5	c/r	36	92	5	-	-	10	10	900	1	38	36	35	0.3	0.2	0.0			
	Gorleston ... 5	1006.2	-18	ESE	5	c	36	85	6	5	-	-	-	10	10	800	1003.9	-10	ESE	4	c	35	92	6	-	-	10	10	800	0	36	35	35	Tr	-	0.0			
	Mildenhall ... 19	1003.5	-18	ESE	4	20	37	92	5	5	-	-	-	10	10	700	1001.7	-2	ESE	4	ir	36	92	4	-	2	-	10	10	700	1	38	36	33	Tr	Tr	0.0		
	Cranwell ... 240	1005.5	-14	ESE	3	cf	35	97	3	5	-	-	-	10	10	300	1003.9	-2	ENE	4	m	34	97	4	5	-	-	10	10	300	4	34	32	32	Tr	Tr	0.0		
3	Birmingham ... 535	1001.1	-18	E	4	df	37	97	3	5	-	-	-	10	10	200	1001.3	-2	ENE	3	ir	34	97	3	6	-	-	10	10	800	6	35	34	32	0.4	2	0.0		
	Upper Heyford ... 408	1001.1	-18	E	4	df	37	97	3	5	-	-	-	10	10	200	999.7	-4	E	4	id.	35	97	5	-	-	10	10	300	1	38	35	34	0.2	2	0.0			
	Ross-on-Wye ... 223	1001.1	-18	E	4	df	37	97	3	5	-	-	-	10	10	200	999.4	0	ENE	3	ir	36	97	3	6	-	-	10	10	450	1	40	36	36	Tr	6	0.0		
5	Hartland Point ... 299	999.0	-10	ENE	4	c	43	97	8	5	2	-	-	4.6	9.4	1500	995.1	+6	NE	4	rr	44	97	7	8	2	-	4.6	9.4	1500	1	45	39	38	2	3	0.0		
	Bristol ... 209	998.5	-14	E	4	c/r	40	97	5	-	2	-	-	10	10	700	998.0	+6	ENE	3	dod.	39	92	5	5	2	-	10	10	500	1	41	37	37	0.1	3	0.0		
	Portland Bill ... 32	995.2	-8	E	5	rr	43	92	7	5	-	-	-	10	10	1500	996.2	+10	E	2	c	44	92	7	5	-	10	10	2500	1	44	41	41	3	3	0.0			
	Plymouth ... 82	993.7	-14	ENE	5	c/r	45	92	6	6	2	-	-	7.8	10	500	994.4	+6	E	3	id.	44	92	6	6	7	-	9.4	9.4	700	1	46	42	41	1.4	5	0.0		
	The Lizard ... 240	992.9	-6	NE	4	c/r	45	97	6	5	-	-	-	10	10	1500	993.5	+4	N	3	c	42	97	6	8	2	-	9	10	1500	1	47	41	41	2.4	13	0.0		
	Scilly (St. Mary's) ... 163	994.3	0	NW	2	ir	46	97	6	8	2	-	-	7.8	10	1500	994.5	+6	NNE	4	c/r	44	97	6	8	2	-	7.8	10	1500	1	52	44	44	2	9	1.0		
	Guernsey ... 175	997.6	+4	ENE	5	c/r	41	92	6	5	-	-	-	10	10	1500	997.9	+4	NE	4	20	40	92	6	5	-	-	10	10	2500	1	42	39	38	3	3	0.0		
6	Pembroke ... 142	997.6	+4	ENE	5	c/r	41	92	6	5	-	-	-	10	10	1500	997.9	+4	NE	4	20	40	92	6	5	-	-	10	10	2500	1	42	39	38	3	3	0.0		
7	Holyhead ... 26	1000.5	-6	ENE	6	20	38	97	5	5	-	-	-	4.6	4.6	2200	1000.4	0	ENE	6	20	38	92	6	5	-	-	4.6	4.6	2500	1	41	37	35	Tr	Tr	0.7		
	Chester (Sealand) ... 16	1003.2	-6	E	2	20	37	92	5	5	-	-	-	10	10	800	1002.3	-4	NE/E	1	c/r	36	92	4	5	-	-	10	10	1100	4	35	35	33	0.1	0.2	0.0		
8	Manchester ... 70	1004.1	-8	ENE	4	20	37	85	5	5	-	-	-	10	10	1500	1002.6	-6	NE/E	4	m	36	85	4	-	-	10	10	1500	1	35	35	35	Tr	-	0.0			
10	Spurn Head ... 29	1005.5	-6	ESE	5	0	36	92	6	5	-	-	-	10	10	800	1003.9	0	ESE	5	0	34	97	6	5	-	-	10	10	800	1	36	32	32	-	-	0.0		
	Catterick ... 175	1007.1	-10	E	0	id.	33	97	4	5	-	-	-	10	10	800	1005.6	-4	E	0	20	35	97	5	-	-	10	10	1000	6	33	33	32	Tr	Tr	0.10			
	Tynemouth ... 108	1008.2	-12	SE	4	0	38	85	6	5	-	-	-	10	10	1500	1007.3	-6	SE	4	0	39	92	6	5	-	-	10	10	1500	1	37	35	34	-	Tr	0.10		
11	St. Abbs Head ... 280	1008.9	-2	SE	5	ir	36	92	7	5	-	-	-	10	10	1500	1007.3	-6	SE	4	c	38	92	7	5	2	-	7.8	10	1500	1	36	36	36	-	Tr	0.0		
	Leuchars ... 36	1009.1	-10	ESE	5	c/r	37	85	5	5	-	-	-	10	10	1500	1007.1	-10	ENE	1	20	37	85	5	-	-	10	10	3200	1	37	34	34	-	-	0.0			
12	Reufrew (Abbots) ... 19	1007.8	-6	ENE	4	20	36	85	5	5	-	-	-	10	10	1600	1006.8	-2	ENE	3	20	37	85	5	-	-	10	10	1700	1	37	34	32	-	-	0.0			
	Eskdalemuir ... 794	1004.8	0	SE	3	0	39	92	7	5	1	-	-	7.8	10	2500	1006.2	-2	NE/N	2	0	34	92	6	5	-	-	10	10	800	4	31	30	29	-	-	0.0		
	Point of Ayre ... 30	1004.8	0	SE	3	0	39	92	7	5	1	-	-	7.8	10	2500	1003.7	0	ENE	3	c	40	92	7	5	2	-	4.6	10	2500	0								