

THE DAILY WEATHER REPORT

BRITISH SECTION

1st January to March 31st

1940



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

INTRODUCTION

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

NOTES REGARDING THE BRITISH SECTION.

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

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

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

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

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

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

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

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

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

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

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

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

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

Sector.	Hour of Observation.
U.S.S.R. (approx. 170° E. to 30° E.)	7h. local time.
30° E. to 40° W.	6h. or 7h. G.M.T. (Azores 8h.).
40° W. to 170° W.	0h. or 1h. G.M.T.

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

Sector.	Hour of Observation.
U.S.S.R. (approx. 170° E. to 30° E.)	1h. local time.
30° E. to 170° W.	0h. or 1h. G.M.T.

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

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

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

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

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

THE INTERNATIONAL AND UPPER AIR SECTIONS.

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

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

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

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

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

THE BEAUFORT SCALE OF WIND FORCE

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

GALE WARNINGS

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

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

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

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

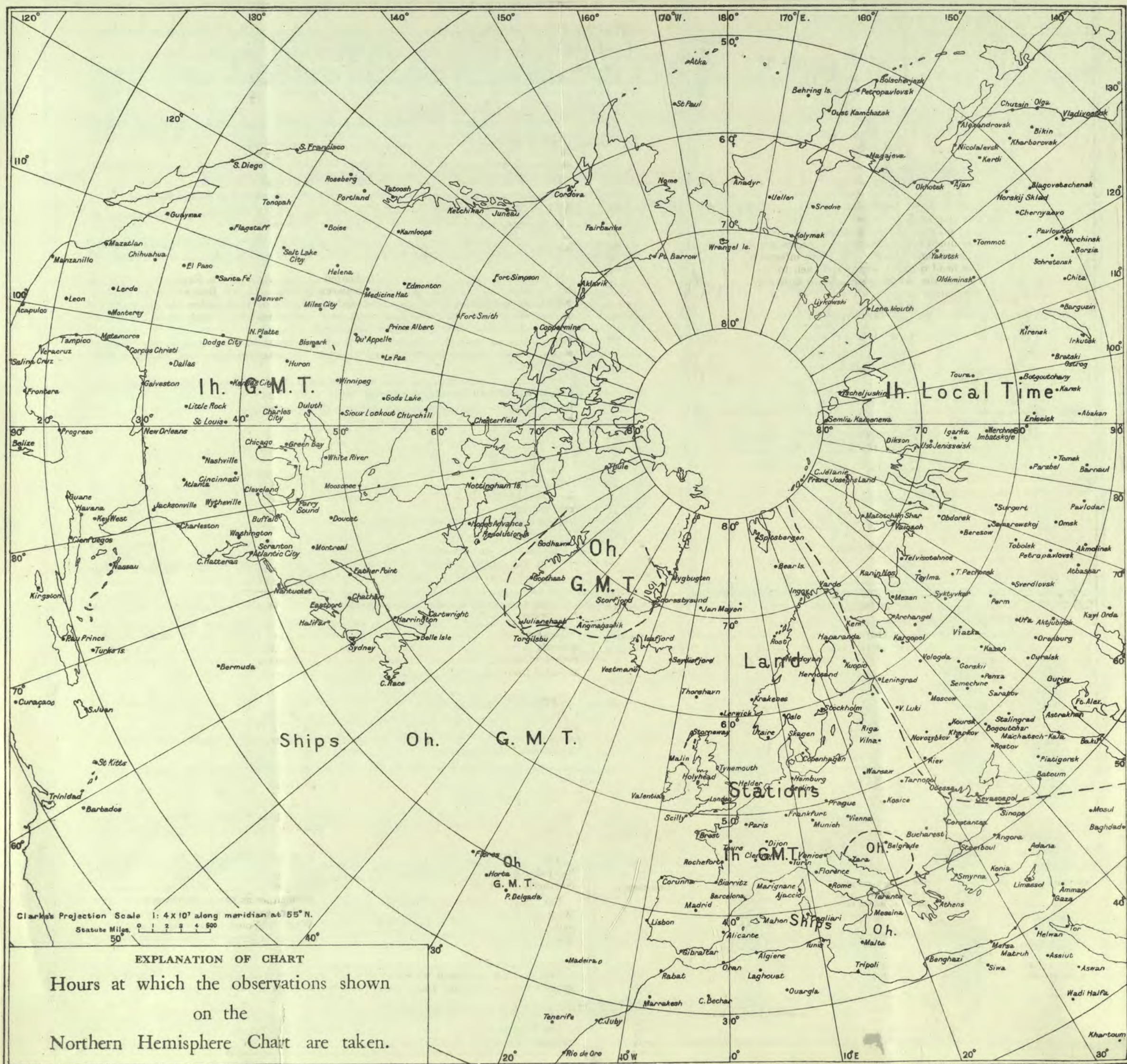
For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

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

▲ North Cone hoisted :

▼ South Cone hoisted :

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



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

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

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

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

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

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

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

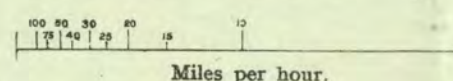
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on page 2 of the Report and for intervals of 4 millibars on Page 3.

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

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

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

8 mb isobars on $1 : 4 \times 10^7$ Charts.
or 2 mb " " $1 : 10^7$



This scale applies under the following conditions :—

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

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

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

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

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

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

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

where x is the vapour pressure in mb.

F the saturation vapour pressure at the temperature of the dry bulb :

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

f the saturation vapour pressure at the temperature of the wet bulb :

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

t the dry bulb temperature ; and

 t'' the wet bulb temperature

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

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

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

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY
SUPPLEMENT,

FEBRUARY, 1940. No. 278.

Page 1.

Dull. Wintry with much frost and snow till the 18th; then mild.

The severe conditions of January persisted for the first three days of February, with cold east winds, and deep snow lying over most of the country. The spreading eastward of an Atlantic depression brought a general thaw on the 4th which persisted till the 8th. Fog was widespread in this period and in parts of the Midlands and East it persisted with little break. At Cranwell temperature failed to rise above 37°F during the thaw period.

The Scandinavian anticyclone had never given way completely, and on the 9th cold easterly winds again extended over Great Britain, and started another 10 days of frost and frequent snow, with winds mainly between north and east. A deep depression moving east-southeast from Ireland to North France caused snow in many parts of England on 16th-17th and a smaller depression on a similar track caused further snow in the South and West on the 18th which was followed by rain. A mild southwest current then spread over the British Isles, pressure becoming high in Central and Southeast Europe and low off our West and Northwest coasts. This pressure distribution persisted without much interruption till nearly the end of the month. On 28th and 29th cold northeast winds extended over the country, associated with the approach of an anticyclone

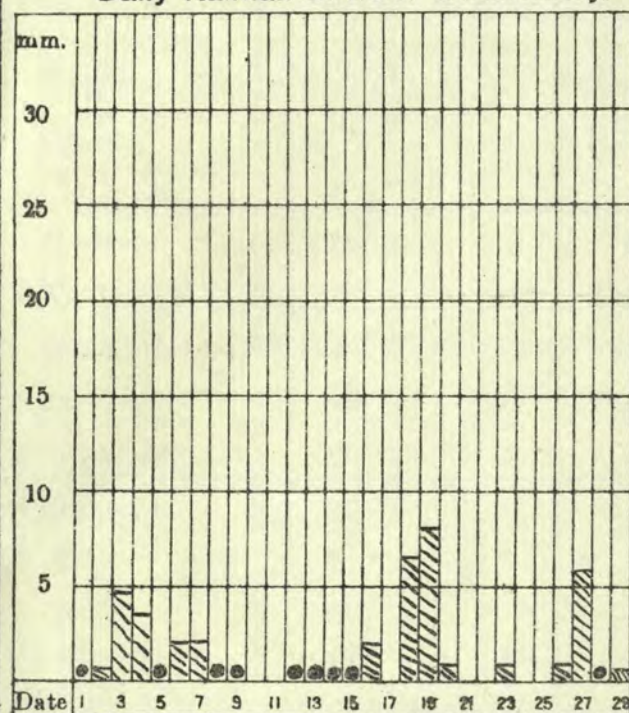
from northwest, which was over Scotland by the evening of 29th.

The mean temperatures of the month were above average in West Ireland, but over most of Great Britain it was well below average, in spite of the mild spell from 20th to 27th. Some low screen minima were recorded during the cold spell in the middle of the month, e.g. 8°F at Dalwhinnie on night of 12th-13th, and 17th-18th; 9°F at Catterick, 12°F at Mildenhall and Eskdalemuir on 15th-16th; 10°F at S. Farnborough, 12°F at Ross-on-Wye, 14°F at Boscombe Down and 15°F at Upper Heyford and Manchester on 17th-18th.

With the exception of the Hebrides and S.W. Ireland, sunshine was everywhere very deficient and many records were broken in the South and East and also in N. Ireland. A very low record of 18 hours - the lowest on record for any month - was established at Ross-on-Wye. At Kew a total of 23 hours broke the record of 1881 and 1917 when 27 hours were recorded.

Rainfall exceeded the normal in Ireland, S.W. England, the Midlands and N.E. England. Elsewhere it was deficient, particularly in Scotland where less than half the normal was reached in places.

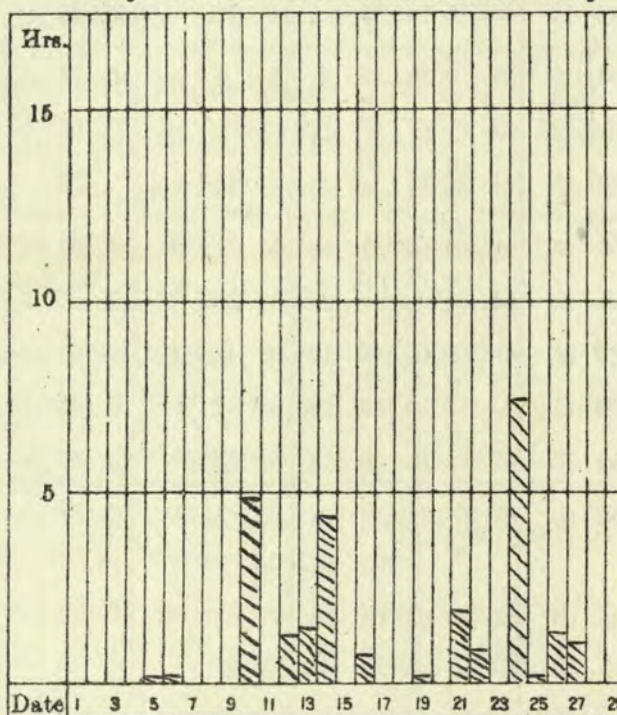
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

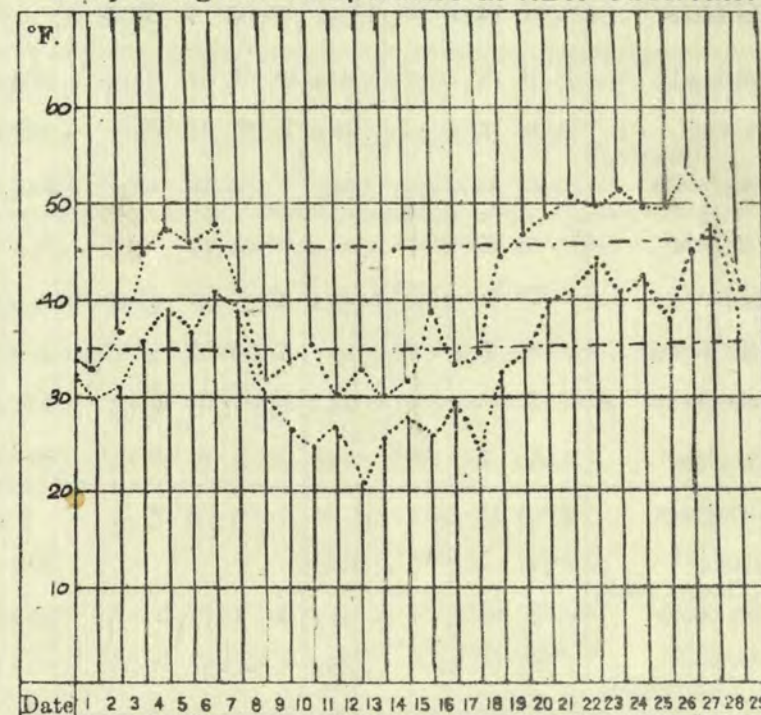
RAINFALL. Total for Month. 40 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 23 hrs.

Daily Range of Temperature at KEW Observatory.



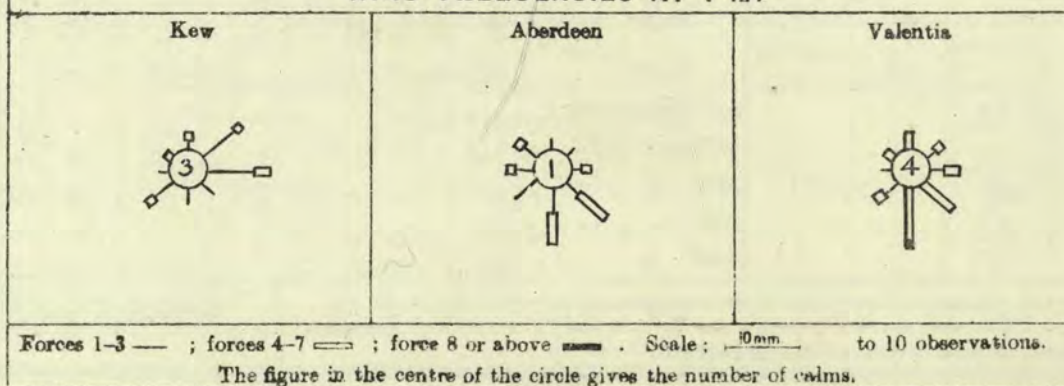
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1012.4	mb. -3.6	°F. 38	°F. -3.1
Aberdeen	1012.0	+1.4	36.9	-2.8
Valentia	1006.2	-7.2	46.5	+1.7

*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	6524
Aberdeen	
Lerwick	13990
Valentia	

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

METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON, W.C.2.
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SUNSHINE, RAINFALL, AND HUMIDITY

FEBRUARY

1940.

Page 3.

DISTRICT.	STATIONS.	SUNSHINE.												RAINFALL.												Days with Thunder.	Days with Snow or Sleet.									
		Number of Days with Duration.				Maximum Duration.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Highest and Lowest Totals on record for Month.				† Number of days with amount.	Maximum fall in 24 hrs.	Total for past 12 months.	Difference from Average.	Total for Month.†	Difference from Average.	Highest and Lowest Totals on record for Month.															
											First year of record.	Highest.	Year.	Lowest.							Year.	First year of record.	Highest.	Year.	Lowest.			Year.								
		Nil.	0.1-3h.	3.1-6h.	6.1-9h.																								Above 9h.	Hours.	Date.	Hours.	Hours.	Hours.	Hours.	Hrs.
1	London (Kew Obsy).	16	10	2	1	-	7.6	24	1440	-29	23	-38	1880	105	1939	27	1917	13	5	8	3	-	-	7	18	661	+55	40	+1	1856	105	1879	2	1895	0	7
	Croydon	19	6	2	2	-	9.0	24	1415	-110	27	-35	1922	104	1939	37	1924	12	6	9	2	-	-	9	19	761	+82	49	0	1921	118	1937	4	1921	0	9
	Calshot** (Southampton)	11	14	4	-	-	5.6	24	1665	-81	35	-47	1881	123	1891	37	1897	14	3	4	8	-	-	9	29	770	+124	68	+22	1871	144	1915	1	1891	1	7
	Lympne	17	9	1	2	-	8.1	10	1763	-2	30	-54	1921	124	1928	46	1926	12	4	9	4	-	-	7	18	911	+187	46	-4	1920	121	1937	3	1934	0	6
2	Shoeburyness	16	9	2	2	-	7.9	10	1616	-100	34	-43	1919	105	1920	49	1924	12	10	5	2	-	-	7	18	625	+122	26	-5	1920	83	1937	4	1934	0	5
	Gorleston	*	*	*	*	*	*	*	*	*	*	*	1908	113	1934	41	1931	11	12	6	-	-	-	5	7	648	+26	21	-17	1871	87	1916	4	1891	0	11
	Cranwell	14	11	4	-	-	5.5	12	1358	-180	28	-42	1921	99	1934	46	1929	9	10	7	3	-	-	12	28	651	+61	55	+17	1917	89	1923	9	1921	0	13
3	Birmingham (Edgbaston)	19	9	1	-	-	4.4	10	1181	-123	12	-45	1887	108	1887	9	1917	13	5	7	4	-	-	13	18	734	+60	60	+17	1893	149	1923	4	1921	0	11
4	Ross-on-Wye	15	12	2	-	-	4.1	12	1410	-75	18	-51	1915	119	1934	40	1926	15	2	8	4	-	-	11	16	649	-68	56	+5	1859	170	1923	0.3	1891	0	9
5	Falmouth (Observatory)	14	7	7	1	-	7.9	13	1741	+31	49	-31	1881	127	1909	43	1886	10	3	7	5	3	1	29	16	1072	-35	145	+51	1871	229	1923	1	1932	0	1
7	Holyhead	12	9	7	1	-	6.7	2	1659	+109	49	-26	1914	108	1930	36	1918	13	5	4	6	-	1	36	7	880	-7	103	+41	1871	152	1884	5	1932	0	4
8	Chester (Sealand)	14	10	5	-	-	5.3	26	1383	+7	36	-26	1928	91	1933	43	1926	13	5	7	4	-	-	15	7	733	+72	62	+22	1922	124	1937	1	1932	0	8
10	Tynemouth	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*	12	7	8	2	-	-	10	4	676	+55	47	+12	1915	79	1923	15	1934	0	7
11	Leuchars	18	5	4	2	-	7.1	15	1322	-148	35	-41	1922	108	1934	33	1923	15	10	3	1	-	-	9	4	611	-42	26	-19	1922	102	1926	2	1932	0	7
12	Renfrew	16	6	7	-	-	5.3	14	1164	-29	37	-13	1921	83	1933	22	1923	13	4	10	2	-	-	6	27	832	-107	38	-44	1921	142	1939	1	1932	0	7
	Eskdalemuir	18	4	6	1	-	6.6	10	1211	+10	41	-13	1910	106	1932	23	1918	14	5	4	5	1	-	15	26	1216	-23	72	-54	1910	242	1915	5	1932	0	12
13a	Stornoway	14	8	2	4	-	9.2	29	1294	+79	62	+7	1881	91	1886	23	1903	13	5	8	3	-	-	10	20	939	-327	46	-67	1870	204	1898	15	1932	0	7
15	Aberdeen	14	8	4	3	-	7.1	10	1230	-99	45	-25	1881	121	1898	33	1923	13	9	3	4	-	-	10	7	637	-111	43	-9	1871	130	1923	6	1891	0	14
18	Aldergrove	16	6	7	-	-	5.2	12	1287	*	33	*	1927	84	1932	37	1929	11	3	12	3	-	-	9	7	895	+57	55	-6	1926	105	1937	3	1932	0	8
19	Dublin (Phoenix Park)												1881	109	1910	39	1897																			
	Birr Castle	11	11	6	1	-	6.2	23	1285	-21	49	-17	1881	102	1906	34	1929	12	5	7	4	-	1	34	16	800	-27	38	+40	1862	133	1925	4	1934	0	4
20	Valentia (Cahiriveen)	10	10	5	4	-	7.9	14	1600	+232	67	+1	1880	112	1930	29	1926	11	4	3	8	1	2	37	15	1332	-82	169	+37	1866	279	1914	11	1932	0	0

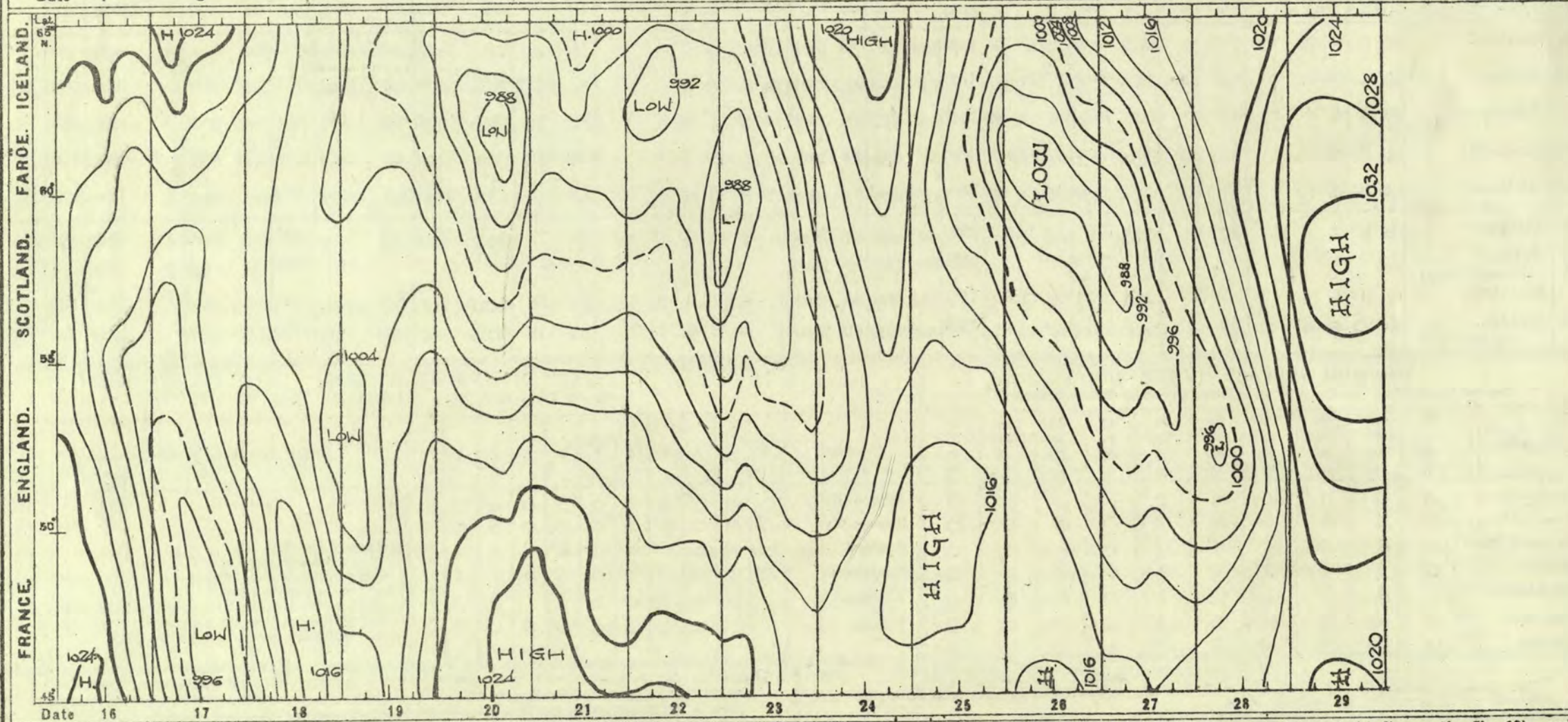
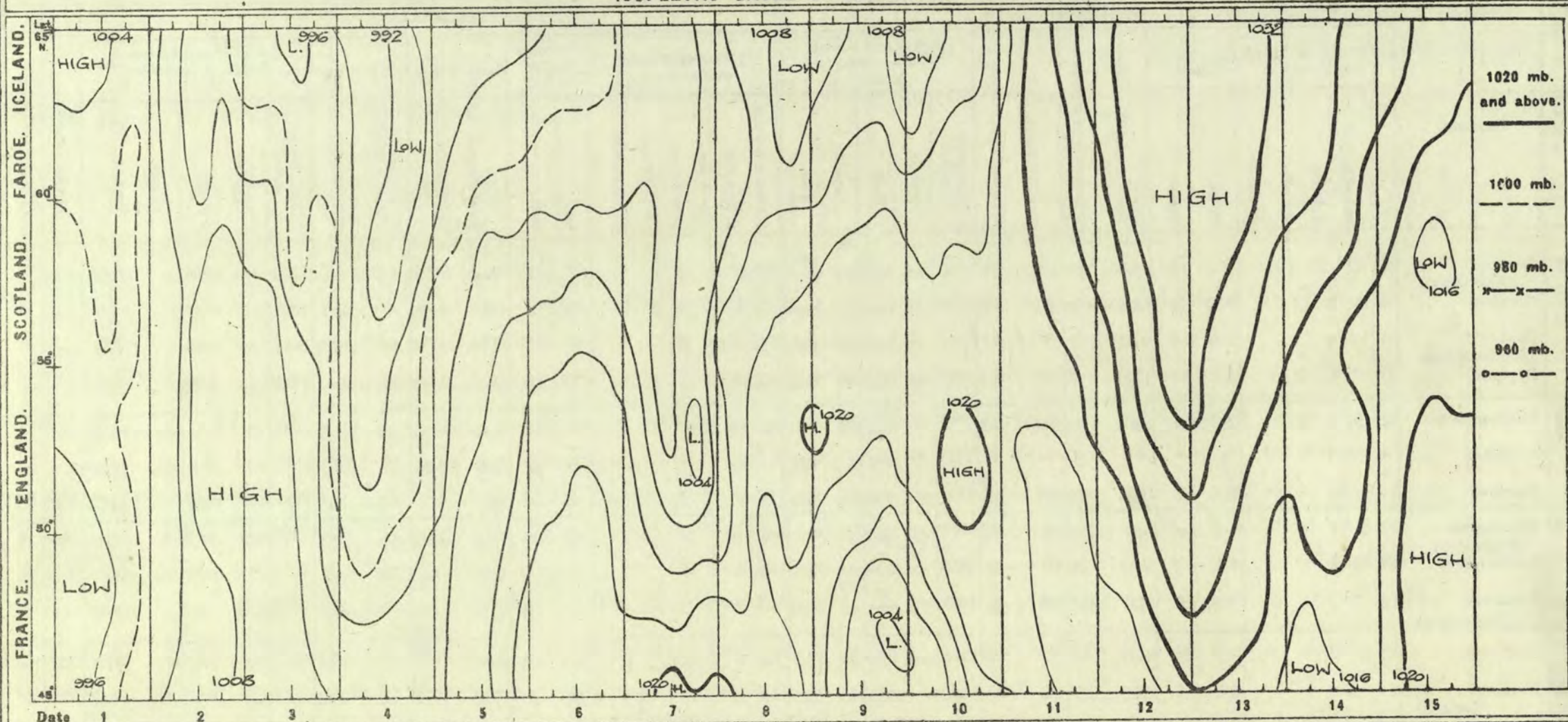
MINIMUM SURFACE HUMIDITY.											STATE OF GROUND AT 18 h.													
No. of Days (Mdt. to Mdt.) with Minima between Fixed Limits.											No. of Days each type was recorded.													
STATIONS.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %	STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.		
London (Kew)	0	3	11	4	8	2	1	0	0	0	London (Kew)	0	15	0	6	3	0	3	0	2	0	0	0	1 Dry.
Ross-on-Wye ...	3	4	4	10	6	2	0	0	0	0	Ross-on-Wye	0	19	0	2	2	0	3	0	3	0	0	0	2 Wet.
Falmouth (Obey.)	0	8	0	8	0	9	0	4	0	0	Renfrew ...	0	19	0	1	2	0	4	1	1	1	0	0	3 Flooded.
Renfrew ...	0	1	8	9	6	4	1	0	0	0	Eskdalemuir	0	7	0	0	2	0	5	0	11	4	0	0	4 Frozen hard and dry.
Eskdalemuir ...	1	4	7	4	12	1	0	0	0	0	Aberdeen ...	1	20	0	3	0	0	1	1	3	0	0	0	5 Partly covered with snow or hail.
Aberdeen ...	0	4	2	11	9	3	0	0	0	0	Valentia ...	5	24	0	0	0	0	0	0	0	0	0	0	6 Covered with ice or glazed frost.
Valentia ...	0	1	6	10	8	3	1	0	0	0														7 Covered with thawing snow.
																								8 Covered with snow, less than 6 ins., but ground not frozen.
																								9 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 FEBRUARY 1940

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



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

PAST 24 HOURS.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

CLOUD.

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

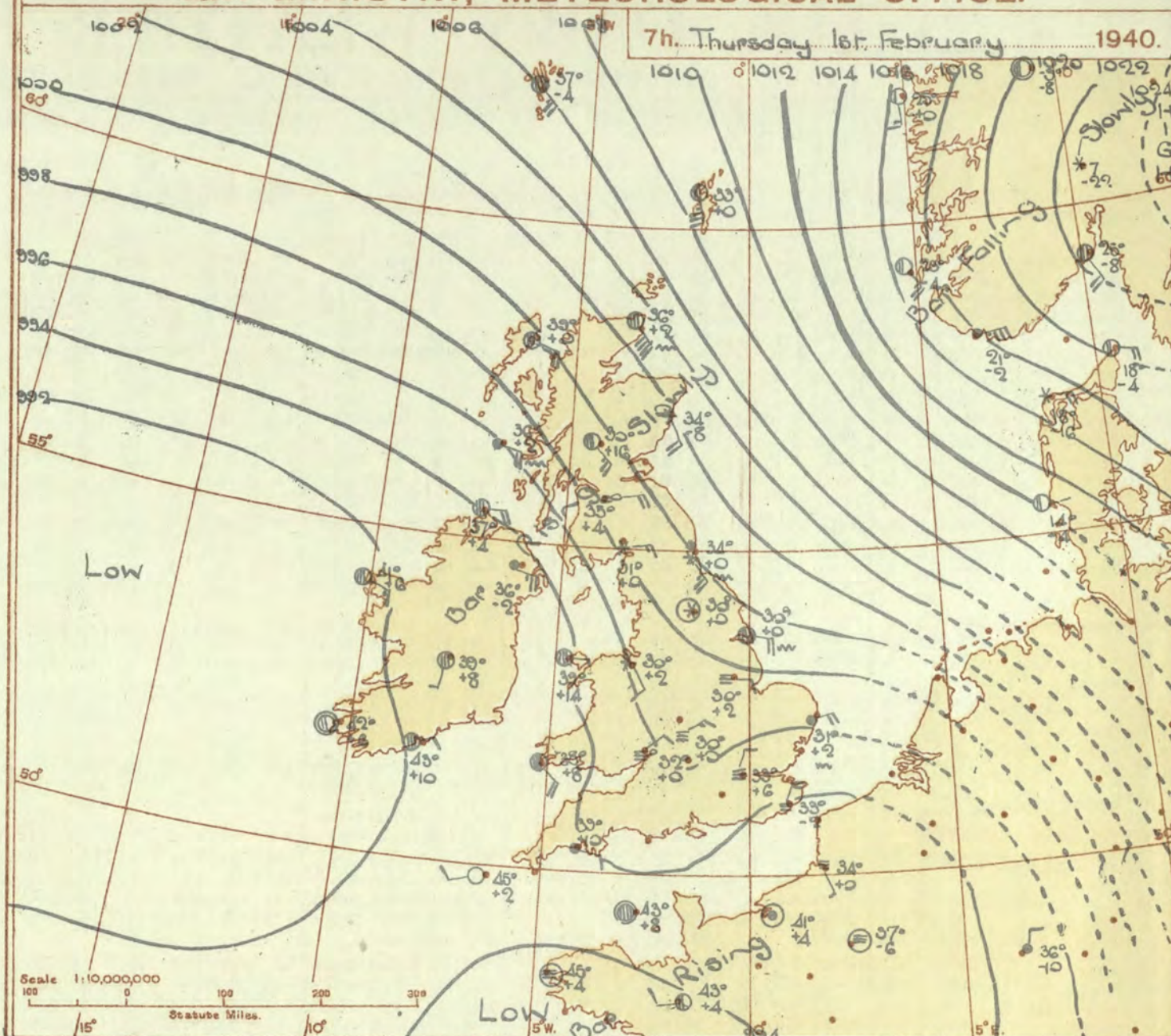
(Cc may occur with any of the types 1 to 8).

0	..	Ground dry.	
1	..	" wet.	7 ..
2	..	" flooded.	8 ..
3	..	" frozen hard and dry.	
4	..	" partly covered with snow or hail.	9 ..
5	..	" covered with ice of glazed frost.	- ..
6	..	" covered with thawing snow.	

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 1st February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st February, 1940.
1 S.E. England	Wind northeast to east, light to moderate; dull, with intermittent drizzle or slight snow rather widespread fog; cold, with temperatures around freezing point.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind variable light; dull, with occasional rain and local fog; cold, but temperatures above freezing point.
6 South Wales ...	Wind east moderate; dull, with occasional rain, sleet or snow and rather widespread fog, local glazed frost; cold, with temperatures slightly below freezing point inland.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Wind east to southeast moderate, fresh to strong on coast; dull, with showers of sleet and snow, and fog locally; cold, with temperatures slightly below freezing point inland.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind east to southeast moderate; dull, with occasional rain and sleet; cold.
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	Wind southeast fresh, strong to gale on coast; cloudy, with frequent snow or sleet showers; cold.
15 N. E. Scotland	Wind variable, light; cloudy, with occasional rain; cold.
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

An extensive anticyclone centred over Northwest Russia is weakening slowly. A complex trough of low pressure extending from Western Ireland to Northeast France and then southwards to the Mediterranean is filling up in the north and deepening in the south. There will be frequent showers of sleet and snow in eastern districts of England and Scotland and intermittent rain, sleet or snow elsewhere, with local glazed frost; fog will be rather widespread in Wales and the southern half of England. It will be cold generally, with temperatures around freezing point in most parts.

Dull, with occasional rain, sleet or snow.

Time of Issue of Gale Warnings.

Gale warning issued at 0920 on 26/1/40 in districts 1, 2 and 3.

Forecasts issued at 1030.

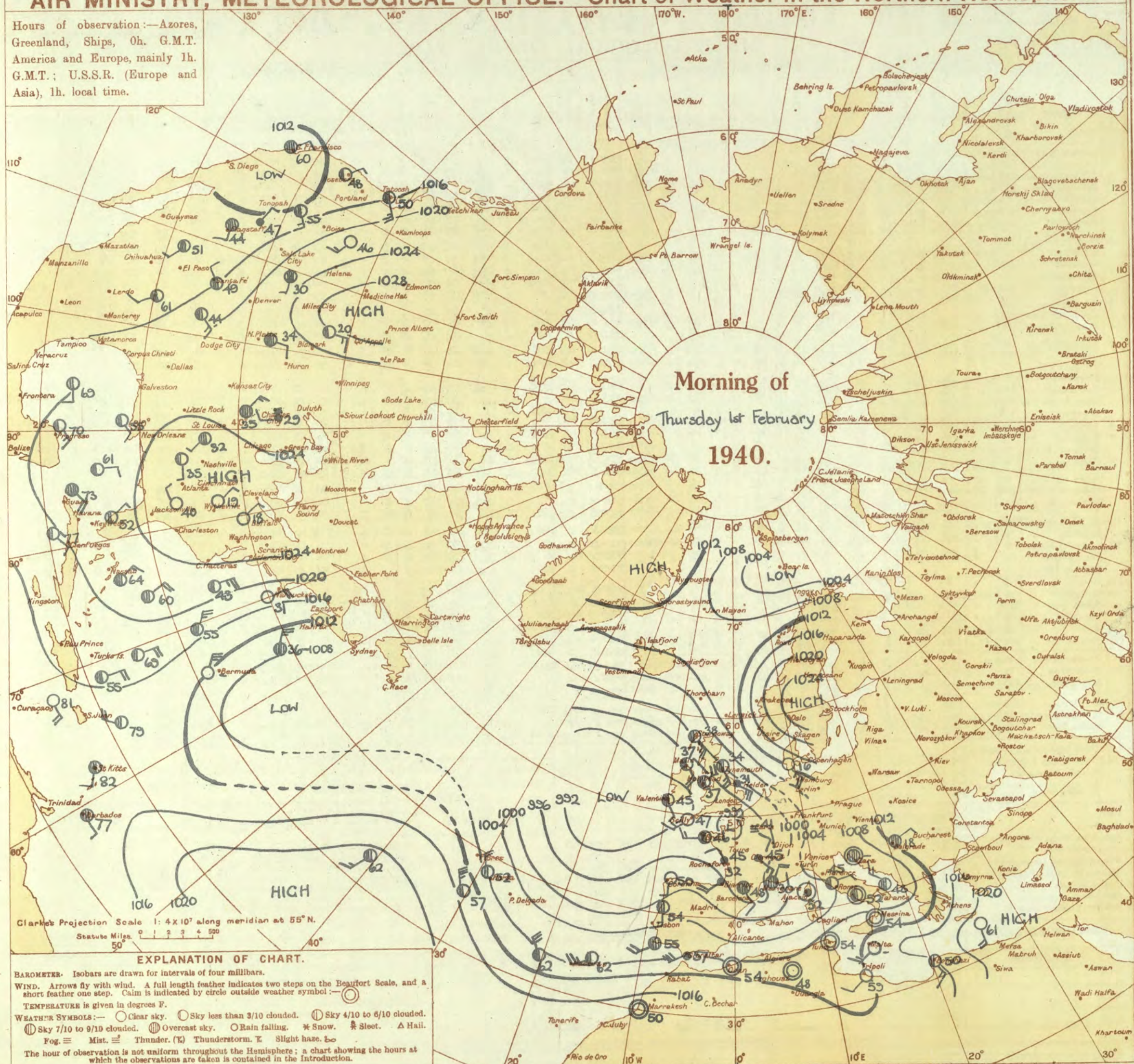
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

2474/3205, W. 8/105, D 4626, Op 948, 1/40

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 February														OBSERVATIONS at 7 hr. G.M.T. 1st February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Sea. 0-9	TEMPERATURE.				RAINFALL.			Sun-shine 3hr. Hrs.
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground. 0-9	Max. Day 7h-15h °F.	Min. Night 15h-7h °F.	Min. on Grass °F.		Day 7h-15h mm.	Night 15h-7h mm.						
																																Low.	Med.	High.	Low.	Med.	
1	London (Kew)	18	30.1	0	NE	2	F	33	97	1	10	10	1500	30.1	0	NE	3	33	97	1	10	10	1500	30.1	0	NE	3	33	97	1	33	33	32	0.4	0.5	0.0	
	Croydon	217	30.4	-6	NE	2	F	33	97	1	10	10	1500	30.4	-6	NE	2	33	97	1	10	10	1500	30.4	-6	NE	2	33	97	1	34	32	32	2	0.3	0.0	
	S. Farnborough	226	30.3	-2	NE/E	3	of	34	97	1	10	10	1500	30.3	-2	NE/E	3	34	97	1	10	10	1500	30.3	-2	NE/E	3	34	97	1	35	33	32	Tr	0.3	0.0	
	Boscombe Down	417	30.1	+2	NE/E	2	of	33	97	1	10	10	1500	30.1	+2	NE/E	2	33	97	1	10	10	1500	30.1	+2	NE/E	2	33	97	1	34	32	32	0.1	0.3	0.0	
	Calshot (Stamtn.)	8	30.3	+2	NW	2	of	35	97	2	10	10	1500	30.3	+2	NW	2	35	97	2	10	10	1500	30.3	+2	NW	2	35	97	2	37	34	33	0.3	Tr	0.0	
	Lympe	346	30.1	-6	E/N	4	of	34	97	2	10	10	1500	30.1	-6	E/N	4	34	97	2	10	10	1500	30.1	-6	E/N	4	34	97	2	35	33	32	1	0.1	0.0	
	Manston	154	30.1	-2	ESE	3	of	34	97	2	10	10	1500	30.1	-2	ESE	3	34	97	2	10	10	1500	30.1	-2	ESE	3	34	97	2	36	33	29	0.8	0.5	0.0	
2	Shoeburyness	11	30.1	0	NE	3	F	33	97	1	10	10	1500	30.1	0	NE	3	33	97	1	10	10	1500	30.1	0	NE	3	33	97	1	35	33	32	1	2	0.0	
	Felixstowe	15	30.1	-6	E/N	4	m/d	33	97	4	10	10	1500	30.1	-6	E/N	4	33	97	4	10	10	1500	30.1	-6	E/N	4	33	97	4	34	33	31	2	0.6	0.0	
	Gorleston	5	30.1	-4	E	5	0	32	85	5	10	10	1500	30.1	-4	E	5	32	85	5	10	10	1500	30.1	-4	E	5	32	85	5	32	31	29	0.5	0.2	*	
	Mildenhall	19	30.1	-2	E	5	0	32	85	5	10	10	1500	30.1	-2	E	5	32	85	5	10	10	1500	30.1	-2	E	5	32	85	5	34	31	30	0.2	Tr	0.0	
	Cranwell	240	30.1	-2	E/S	2	of	31	97	2	10	10	1500	30.1	-2	E/S	2	31	97	2	10	10	1500	30.1	-2	E/S	2	31	97	2	31	29	*	*	*	0.0	
3	Birmingham	535	30.1	0	NE	3	F	33	97	1	10	10	1500	30.1	0	NE	3	33	97	1	10	10	1500	30.1	0	NE	3	33	97	1	32	30	30	2	0.3	0.0	
	Upper Heyford	408	30.1	-6	NE	3	F	32	97	1	10	10	1500	30.1	-6	NE	3	32	97	1	10	10	1500	30.1	-6	NE	3	32	97	1	33	31	29	0.1	1	*	
4	Ross-on-Wye	223	30.1	0	NE	3	F	32	97	1	10	10	1500	30.1	0	NE	3	32	97	1	10	10	1500	30.1	0	NE	3	32	97	1	33	32	32	0.6	1	0.0	
5	Hartland Point	299	30.1	+4	SSE	3	C/pr	39	97	8	7-8	10	1500	30.1	+4	SSE	3	39	97	8	7-8	10	1500	30.1	+4	SSE	3	39	97	8	37	36	36	8	2	0.0	
	Bristol	209	30.1	+6	ENE	1	of	33	97	3	10	10	1500	30.1	+6	ENE	1	33	97	3	10	10	1500	30.1	+6	ENE	1	33	97	3	33	33	32	1	1	0.0	
	Portland Bill	32	30.1	0	ENE	1	of	33	97	3	10	10	1500	30.1	0	ENE	1	33	97	3	10	10	1500	30.1	0	ENE	1	33	97	3	33	33	32	1	1	0.0	
	Plymouth	82	30.1	+2	ESE	3	1/2	39	97	5	10	10	1500	30.1	+2	ESE	3	39	97	5	10	10	1500	30.1	+2	ESE	3	39	97	5	41	39	38	Tr	1	0.0	
	The Lizard	240	30.1	+6	SSE	2	0	47	97	7	10	10	1500	30.1	+6	SSE	2	47	97	7	10	10	1500	30.1	+6	SSE	2	47	97	7	46	44	*	3	3	0.0	
	Scilly (St. Mary's)	163	30.1	+6	WSW	3	0	47	97	6	10	10	1500	30.1	+6	WSW	3	47	97	6	10	10	1500	30.1	+6	WSW	3	47	97	6	47	44	*	2	0.4	1.6	
	Guernsey	175	30.1	+4	NNW	1	0	44	97	6	10	10	1500	30.1	+4	NNW	1	44	97	6	10	10	1500	30.1	+4	NNW	1	44	97	6	47	43	36	0.4	0.0		
6	Pembroke	142	30.1	+4	SE	5	1/2	39	97	5	10	10	1500	30.1	+4	SE	5	39	97	5	10	10	1500	30.1	+4	SE	5	39	97	5	37	36	*	6	3	0.0	
7	Holyhead	26	30.1	+4	ENE	4	0	37	92	7	10	10	1500	30.1	+4	ENE	4	37	92	7	10	10	1500	30.1	+4	ENE	4	37	92	7	37	35	35	0.3	5	0.0	
	Chester (Sealand)	16	30.1	+2	SE	2	1/2	38	92	4	10	10	1500	30.1	+2	SE	2	38	92	4	10	10	1500	30.1	+2	SE	2	38	92	4	33	33	32	0.8	1	0.0	
8	Manchester	70	30.1	-2	NE	3	1/2	33	85	4	10	10	1500	30.1	-2	NE	3	33	85	4	10	10	1500	30.1	-2	NE	3	33	85	4	34	33	31	1	1	0.0	
10	Spurn Head	29	30.1	0	ESE	5	1/2	31	97	5	10	10	1500	30.1	0	ESE	5	31	97	5	10	10	1500	30.1	0	ESE	5	31	97	5	31	34	*	4	3	0.0	
	Catterick	175	30.1	+2	SE	5	1/2	30	97	5	10	10	1500	30.1	+2	SE	5	30	97	5	10	10	1500	30.1	+2	SE	5	30	97	5	32	29	29	4	5	0.0	
	Tynemouth	108	30.1	-2	SE	5	1/2	34	97	5	10	10	1500	30.1	-2	SE	5	34	97	5	10	10	1500	30.1	-2	SE	5	34	97	5	32	33	31	7	4	0.0	
11	St. Abbs Head	280	30.1	0	SE	5	1/2	33	92	6	7-8	10	1500	30.1	0	SE	5	33	92	6	7-8	10	1500	30.1	0	SE	5	33	92	6	33	33	*	6	6	*	
	Leuchars	36	30.1	+2	E	5	1/2	34	92	6	10	10	1500	30.1	+2	E	5	34	92	6	10	10	1500	30.1	+2	E	5	34	92	6	35	33	32	0.4	3	0.0	
	Renfrew (Abbots I.)	19	30.1	0	SE	5	1/2	34	92	6	10	10	1500	30.1	0	SE	5	34	92	6	10	10	1500	30.1	0	SE	5	34	92	6	35	33	30	*	0.0		
	Eekdalemuir	794	30.1	0	SE	5	1/2	34	92	6	10	10	1500	30.1	0	SE	5	34	92	6	10	10	1500	30.1	0	SE	5	34	92	6	35	33	30	0.4	0.0		
	Point of Ayre	30	30.1	0	SE	5	1/2	34	92	6	10	10	1500	30.1	0	SE	5	34	92	6	10	10	1500	30.1	0	SE	5	34	92	6	35	33	30	0.4	0.0		
13A	Tiree	22	30.1	0	SE	5	1/2	34	92	6	10	10	1500	30.1	0	SE	5	34	92	6	10	10	1500	30.1	0	SE	5	34	92	6	35	33	30	0.4	0.0		
13B	Stornoway	80	30.1	-4	ESE	5	1/2	38	75	7	4-6	10	1500	30.1	-4	ESE	5	38	75	7	4-6	10	1500	30.1	-4	ESE	5	38	75	7	38	34	33	Tr	3	0.0	
15	Dalwhinnie	1176	30.1	0	SE	5	1/2	38	75	7	4-6	10	1500	30.1																							

THE DAILY WEATHER REPORT

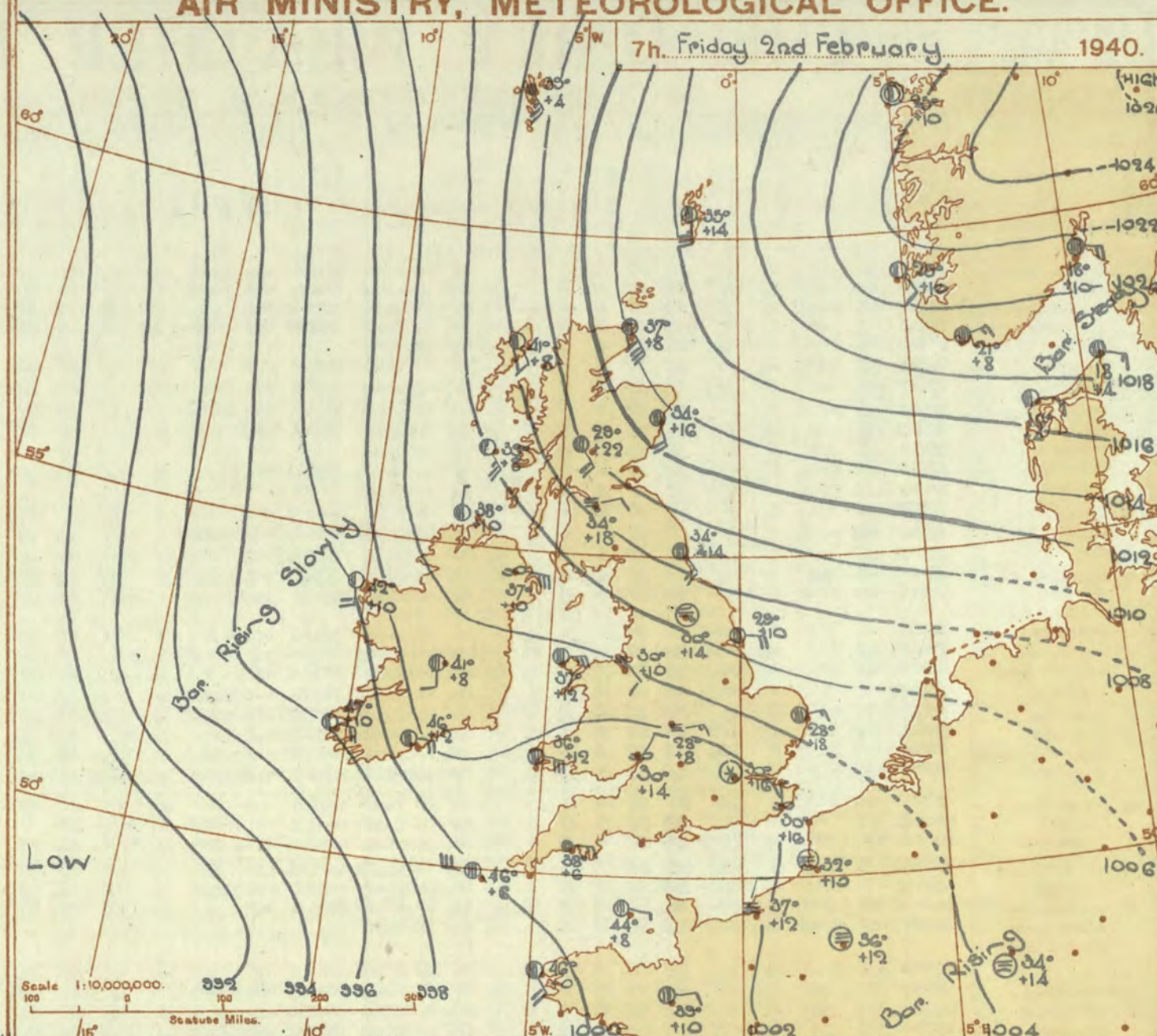
OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Friday 2nd February, 1940.
 No. 28561

OBSERVATIONS at 13h. G.M.T. 1st February														OBSERVATIONS at 18h. G.M.T. 1st February														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. 0-9	Sea. 0-9	WEATHER.							
				Dir.	Force.					Low.	Med.	High.	Low	Total			Height of Base. (feet)	Low.					Med.	High.	Low	Total	Height of Base (feet)			7h.—13h. 1st.	13h.—18h. 1st.	18h.—2nd. 1st.	1h.—7h. 2nd.				
1	London (Kew)...	996.7	0	N	2	id.	33	97	3	5	-	-	10	10	800	997.3	+2	N	2	id.	33	97	3	5	-	-	10	10	800	6	*	amid	id	ss	cm		
	Croydon ...	997.0	+0	N	2	id.	33	97	2	5	-	-	10	10	450	997.0	+4	N	2	id.	33	97	2	5	-	-	10	10	450	6	*	of id	id	ss	cm		
	S. Farnborough	996.6	+6	N	2	id.	34	97	5	5	-	-	10	10	220	997.0	+18	N	1	id.	33	97	3	5	-	-	10	10	450	8	*	id	id	ss	cm		
	Boscombe Down	996.5	+2	N	1	id.	33	97	5	5	-	-	10	10	300	998.5	+14	N	2	id.	33	92	4	5	-	-	10	10	800	6	*	id	id	ss	cm		
	Calshot (Soton.)	996.3	+6	N	1	id.	36	92	4	5	-	-	10	10	800																						
	Lympne ...	995.3	-2	N	4	id.	32	97	4	5	-	-	10	10	450	995.4	+14	N	4	id.	31	97	4	5	-	-	10	10	450	8	*	id	id	ss	cm		
	Manston ...	995.7	+6	N	3	id.	32	97	2	5	-	-	10	10	450	998.3	+22	N	3	id.	31	97	3	5	-	-	10	10	220	6	*	id	id	ss	cm		
2	Shoeburyness ...	994.3	+8	N	2	id.	33	97	4	5	-	-	10	10	450	998.2	+16	N	1	m	32	97	4	5	-	-	10	10	800	4	*	om	id	ss	cm		
	Felixstowe ...	996.5	+6	N	3	id.	32	92	4	5	-	-	10	10	220	998.9	+20	N	2	m	30	92	4	5	-	-	10	10	220	8	2	om	id	ss	cm		
	Gorleston ...	998.1	+2	N	4	id.	30	85	4	5	-	-	10	10	1500																						
	Mildenhall ...	997.5	+6	N	3	id.	30	92	4	5	-	-	10	10	450	999.6	+14	N	2	m	30	97	4	5	-	-	10	10	220	7	*	ash	om	ss	cm		
	Cranwell ...	999.2	+14	E	1	id.	31	97	3	5	-	-	10	10	800																						
3	Birmingham	998.7	+4	N	2	id.	30	97	2	5	-	-	10	10	450	1000.3	+16	E	3	id.	31	97	3	5	-	-	10	10	800	9	*	id	id	ss	cm		
	Upper Heyford	998.0	+10	N	1	id.	31	97	3	5	-	-	10	10	450	1000.0	+14	N	1	m	30	97	4	5	-	-	10	10	450	9	*	id	id	ss	cm		
4	Ross-on-Wye ...	997.6	+6	N	2	id.	32	97	4	5	-	-	10	10	450	999.6	+12	N	2	id.	32	97	2	5	-	-	10	10	220	8	*	om	id	ss	cm		
5	Hartland Point	995.0	+6	N	2	id.	40	97	6	5	2	-	7.8	10	800	996.1	+6	SE	3	id.	38	97	6	5	2	-	7.8	10	800	1	2	om	id	ss	cm		
	Bristol ...	993.1	+14	N	1	id.	24	97	4	5	-	-	10	10	450	999.1	+16	E	1	id.	33	97	3	5	-	-	10	10	800	6	*	om	id	ss	cm		
	Portland Bill																																				
	Plymouth ...	995.9	+6	N	2	id.	41	97	4	5	2	-	10	10	450	997.2	+10	E	3	id.	39	97	4	5	-	-	7.8	10	450	1	1	id	id	ss	cm		
	The Lizard ...	994.9	+4	-	0	bc	52	92	8	5	6	-	4.6	4.6	2500	995.6	+2	E	3	id.	45	97	8	5	-	-	7.8	7.8	2500	1	2	bc	id	ss	cm		
	Scilly (St. Mary's)	994.8	+8	-	0	bc	53	85	7	2	3	3	2	3	2	2500	994.6	+2	E	3	id.	47	92	7	5	-	-	3	3	1500	1	2	bc	id	ss	cm	
	Guernsey ...	995.5	+2	E	1	id.	45	97	6	5	-	-	10	10	1500	997.1	+10	SE	1	id.	44	92	6	5	-	-	3	3	1500	1	2	o	id	ss	cm		
6	Pembroke ...	995.3	+6	SE	4	id.	38	97	4	5	-	-	10	10	800	997.6	+16	SE	2	id.	37	97	4	5	-	-	10	10	800	1	2	mc	id	ss	cm		
7	Holyhead ...	995.8	+10	E	3	id.	39	92	5	6	2	-	9	10	1500	997.9	+18	E	3	id.	38	92	6	5	-	-	10	10	1500	1	4	mc	id	ss	cm		
	Chester (Sealand)	998.6	+10	SE	2	id.	33	92	4	5	-	-	10	10	800	1000.2	+16	SE	1	id.	33	92	3	5	-	-	10	10	800	9	*	mc	id	ss	cm		
8	Manchester ...	998.7	+8	E	3	id.	34	85	3	5	-	-	10	10	1500	1000.2	+14	SE	1	id.	34	85	3	5	-	-	10	10	1500	9	*	mc	id	ss	cm		
10	Spurn Head ...	999.6	+4	E	3	ss	31	97	4	5	-	-	10	10	800	1001.4	+4	E	4	id.	30	97	5	5	-	-	10	10	800	3	3	om	id	ss	cm		
	Catterick ...	1000.3	+2	-	0	z	33	92	5	5	-	-	10	10	800	1001.3	NE	1	id.	33	92	5	5	-	-	10	10	800	9	*	om	id	ss	cm			
	Tynemouth ...	1001.5	+4	SE	4	id.	35	97	6	6	-	-	10	10	1500	1003.6	+14	SE	4	id.	34	97	6	6	-	-	10	10	1500	6	4	om	id	ss	cm		
11	St. Abbs Head	1000.4	+8	SE	5	rs	35	85	7	5	2	-	7.8	10	1500	1002.4	+10	SE	4	id.	35	85	7	5	2	-	7.8	10	1500	4	3	om	id	ss	cm		
	Leuchars ...	1001.2	-2	ESE	4	rs	35	85	7	5	-	-	10	10	800	1003.2	+4	ESE	4	id.	36	85	6	5	-	-	10	10	800	6	*	om	id	ss	cm		
12	Rentrew (Abbots L.)	1000.0	+6	E	3	rs	35	85	5	5	2	-	9	10	1500	1001.8	+10	E	3	id.	35	92	4	5	-	-	10	10	800	9	*	om	id	ss	cm		
	Eskdalemuir ...	999.6	+4	E	3	id.	33	92	6	5	-	-	10	10	800																						
	Point of Ayre ...																																				
13a	Tiree ...	997.0	+2	ESE	4	id.	38	75	7	5	-	-	3	3	2500	998.6	+8	ESE	4	id.	39	85	7	5	-	-	10	10	2500	0	4	om	id	ss	cm		
13b	Stornoway ...	998.3	0	SE	3	id.	44	75	8	5	7	9	1	9	1000	1000.6	+8	SE	1	id.	41	65	8	5	7	-	4.6	3	1000	1	1	om	id	ss	cm		
15	Dalwhinnie ...	1001.3	+14	SE	4	id.	32	92	6	5	4	-	7.8	9	1500	1002.0	+20	SE	6	id.	31	92	5	5	-	-	10	10	1500	9	*	om	id	ss	cm		
	Aberdeen ...	1003.4	+2	SE	4	rs	34	85	6	6	-	-	10	10	1500	1003.6	+20	SE	4	id.	34	92	6	5	-	-	10	10	1500	7	3	om	id	ss	cm		
	Wick ...	1002.8	0	SE	8	ph	36	97	6	5	2	-	7.8	10	800	1003.6	+4	SE	8	id.	36	97	6	5	2	-	7.8	10	800	1	4	om	id	ss	cm		
16	Lerwick...	1008.2	-2	SSE	7	ph	34	97	7	5	7	-	7.8	3	800	1008.6	+2	SE	3	id.	36	97	7	5	7	-	7.8	10	800	4	*	om	id	ss	cm		
17	Blacksod Point...	993.3	+12	S	1	id.	47	85	7	5	6	-	4.6	7.8	800	994.6	+12	ESE	3	id.	43	97	7	3	3	-	2.3	7.8	800	0	3	bc	id	ss	cm		
18	Malin Head ...	995.5	+10	SE	3	id.	39	92	7	5	-	-	9	9	1500	997.0	+10	SE	3	id.	39	85	6	5	2	-	2.3	3	2500	0	3	bc	id	ss	cm		
	Aldergrove ...	995.7	+6	E	3	id.	33	92	5	5	2	-	3	10	800	998.0	+20	E	4	id.	33	97	3	5	-	-	10	10	450	1	*	om	id	ss	cm		
19	Birr Castle ...	994.4	+10	E	1	id.	45	85	5	5	-	-	9	9	2500	995.7	+8	S	1	id.	45	85	5	5	1	-	7.8	10	2500	1	*	bc	id	ss	cm		
20	Valentia Obay. †	992.5	+6	SE	3	bc	52	75	8	2	-	-	4.6	4.6	2500	993.3	+8	E	3	bc	45	85	8	7	-	-	2.3	2.3	2500	0	1	bc	id	ss	cm		
	Roche's Point ...	993.9	+4	E	2	id.	45	92	3	5	3	5	2	3	7.8	1500	994.9	+8	E	3	bc	45	92	3	5	3	5	2	3	4.6	2500	0	3	bc	id	ss	cm

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 2nd February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd February, 1940.
1 S.E. England	Wind northeast to east, light to moderate; dull, with occasional light drizzle or snow and local glazed frost; poor visibility with fog locally; temperatures mainly several degrees below freezing point.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind east moderate to fresh; dull, with occasional rain; cold in the east, approaching average temperature in the west.
6 South Wales ...	
7 North Wales ...	Wind east to southeast, moderate, fresh on coasts; dull, with occasional light snow locally; poor visibility, with fog locally; temperatures mainly several degrees below freezing point.
8 N.W. England	
9 N. Midlands ...	Wind southeast, moderate to fresh; dull, with showers of sleet or snow; temperatures around freezing point.
10 N.E. England	
11 S.E. Scotland	As 6 - 9.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	Wind southeast moderate to fresh; cloudy, with some bright intervals, rather cold.
14 Mid Scotland	Wind southeast, moderate to fresh; strong to gale on coast; cloudy, with showers of sleet or snow; cold.
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind southeast, moderate, increasing to fresh tomorrow; cloudy, with occasional light rain locally today and bright intervals; more widespread rain in south and west tomorrow; rather cold, becoming milder.
17 N.W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.
An extensive anticyclone centred over Finland is intensifying, and a complex depression covers the North Atlantic, pressure is rising over the British Isles. It will be dull generally with occasional light snow or drizzle and local fog in the southern half of England and showers of sleet and snow in eastern districts of Scotland and North England. It will be cold generally, with temperatures slightly below freezing point in most districts of England and Wales.

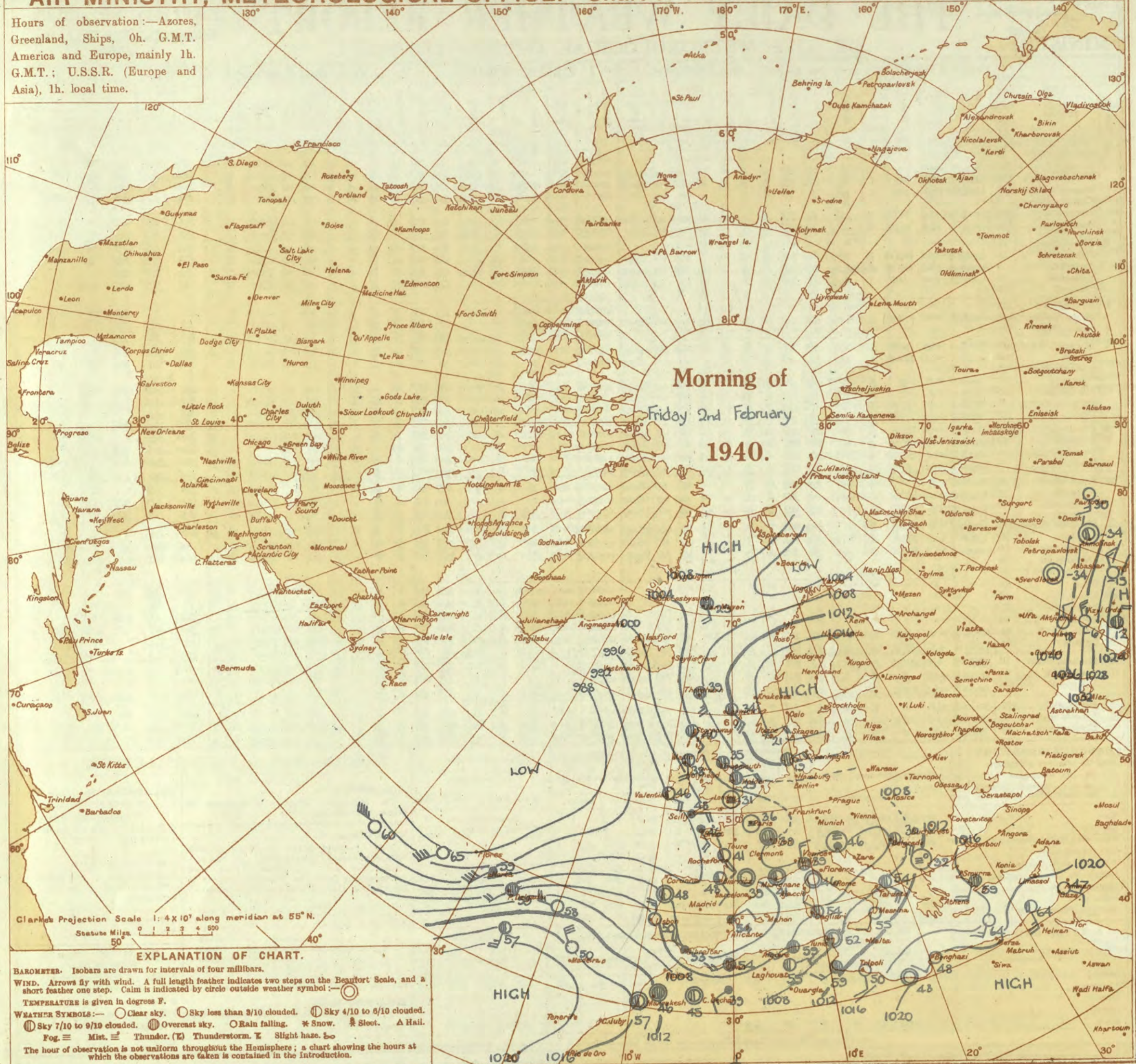
FURTHER OUTLOOK.
Dull and cold in most districts, but becoming milder in southwestern districts, with occasional rain.

Time of Issue of Gale Warnings.
Gale warning issued at 0920 on 26/1/40 in districts 1, 2 and 3.

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday 2nd February, 1940.
No. 28561

OBSERVATIONS at 1 hr. G.M.T. 2nd February														OBSERVATIONS at 7 hr. G.M.T. 2nd February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Vis. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Vis. (22)	Cloud.					State of Ground. 0-9 (29)	TEMPERATURE.			RAINFALL.		Sun-shine Hrs. (36)		
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)	Force (18)			Form. (23)	Amount (24)					Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)		Night 18h-7h mm. (35)							
																															0-12	0-10	0-10	0-12		0-10	0-9
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1005.7	+18	N	2	Z	31	92	5	5	-	-	10	10	1500	8	34	30	29	Tr	0.4	0.0			
	Croydon	217	1002.7	+10	-	0	N	31	97	2	-	-	10	10	1500	1005.7	+16	-	1	is	30	97	4	5	-	-	10	10	450	8	33	30	29	0.1	Tr	0.0	
	S. Farnborough	226	1002.5	+12	NE	1	N	32	92	5	5	-	10	10	1500	1005.3	+4	NE	2	Z	31	97	5	5	-	-	10	10	800	8	34	31	30	0.1	-	0.0	
	Boscombe Down	417	1002.5	+14	NE	1	N	31	97	4	5	-	10	10	450	1005.0	+14	NE	2	Z	30	97	4	5	-	-	10	10	450	8	34	30	29	Tr	Tr	0.0	
	Calshot (Stmnt.)	8	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.8	+14	N	1	Z	30	92	5	5	-	-	10	10	800	8	34	29	29	-	0.1	0.0	
	Lympe	346	1002.0	+14	N/E	2	sf	30	92	3	-	-	10	10	1500	1005.8	+14	N	1	Z	30	92	5	5	-	-	10	10	800	8	34	29	29	-	0.1	0.0	
	Manston	154	1002.1	+10	NNE	2	id	31	97	4	5	-	10	10	450	1004.9	+12	NNE	2	is	31	92	4	5	-	-	10	10	800	8	34	30	30	1	Tr	0.0	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1005.7	+16	N/E	1	33	30	97	4	5	-	-	10	10	450	8	34	29	27	Tr	0.4	0.0			
	Felixstowe	15	1002.2	+14	NE/N	2	sh	30	97	4	5	-	10	10	220	1005.3	+16	N/E	3	33	29	92	4	5	-	-	10	10	220	8	33	29	25	2	0.3	0.0	
	Gorleston	5	1003.4	+16	NE/E	4	ss	28	92	5	5	-	10	10	1500	1005.8	+18	ENE	3	33	28	85	7	8	-	-	10	10	2500	3	30	27	25	1	0.3	0.0	
	Mildenhall	19	1002.9	+10	NE	2	ss	28	97	5	5	-	10	10	1500	1006.5	+18	ENE	2	0	28	97	5	5	-	-	10	10	450	8	32	27	26	0.2	2	0.0	
	Cranwell	240	*	*	*	*	*	*	*	*	*	*	*	1006.7	+8	ENE	3	of	28	97	2	5	-	-	10	10	450	9	31	27	26	-	0.3	0.0			
3	Birmingham	535	1003.6	+10	NNE	2	id	29	92	4	5	-	10	10	800	1006.3	+14	NE	1	Z	28	92	5	5	-	-	10	10	450	9	32	27	29	Tr	0.2	0.0	
4	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	1006.2	+14	NE	2	Z	30	92	6	5	-	-	10	10	800	8	33	29	28	1	-	0.0	0.0		
	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1006.2	+14	NE	2	Z	30	92	6	5	-	-	10	10	800	8	33	29	28	1	-	0.0	0.0		
5	Hartland Point	299	999.0	+10	NE	3	C	37	97	6	5	2	-	7.8	94	1500	999.8	+8	ESE	4	C	36	97	6	5	-	-	7.8	7.8	1500	1	34	39	34	2	0.1	0.0
	Bristol	209	1003.1	+14	ENE	1	of	32	97	3	5	-	10	10	1500	1005.5	+14	E	3	3	31	92	4	5	-	-	10	10	800	5	34	31	30	Tr	-	0.0	
	Portland Bill	32	999.9	+2	E	3	N	39	97	5	5	-	10	10	800	1001.5	+6	E	3	3	38	97	4	-	2	-	10	10	450	1	2	41	38	37	Tr	1	0.0
	Plymouth	82	999.9	+2	E	3	N	39	97	5	5	-	10	10	1500	999.8	+2	E	5	3	38	97	4	-	2	-	9	10	1500	1	3	53	44	-	2	3.5	
	The Lizard	240	997.6	+2	E	3	N	39	97	5	5	-	10	10	1500	998.3	+2	E	5	3	38	97	4	-	2	-	9	10	1500	1	3	53	44	-	2	3.5	
	Scilly (St. Mary's)	163	995.8	-2	E/S	4	70	48	92	8	5	-	10	10	1500	996.3	+6	E/N	6	3	45	97	7	8	7	-	46	34	1500	1	3	53	45	-	3	7.3	
	Guernsey	175	999.7	+8	SE	2	0	43	97	5	5	-	10	10	1500	1001.4	+8	ESE	1	C	44	92	6	8	7	-	7.8	34	2500	1	2	46	42	36	-	-	0.0
6	Pembroke	142	1000.2	+10	ESE	5	0	37	97	5	5	-	10	10	800	1001.9	+12	ESE	6	CQ	36	97	7	8	-	-	7.8	7.8	1500	1	2	39	35	-	0.2	Tr	0.0
7	Holyhead	26	1000.6	+10	E/N	3	C	37	92	5	5	-	10	10	450	1003.0	+12	E/N	5	C	37	75	6	-	3	-	0	7.8	-	1	3	40	34	33	0.2	Tr	0.0
	Chester (Sealand)	16	1003.7	+10	SE/S	1	myd	32	92	4	-	2	-	10	10	800	1006.6	+10	SE	2	3	30	85	4	5	-	-	10	10	1500	9	34	30	30	0.2	0.1	0.0
8	Manchester	70	1004.0	+14	E/N	3	m	32	97	4	5	-	10	10	1500	1007.1	+16	NE/E	3	m	30	85	4	5	-	-	10	10	1500	9	34	30	29	-	0.2	0.0	
10	Spurn Head	29	1004.5	+8	E	4	0	29	92	6	5	-	10	10	1500	1007.6	+10	E	4	C	29	85	6	5	-	-	10	10	1500	8	3	31	29	-	2	-	0.0
	Catterick	175	1005.5	+14	E/S	1	sh	30	97	4	5	-	10	10	1500	1008.3	+14	E	4	3	30	97	4	5	-	-	10	10	1500	9	3	33	30	30	0.1	0.1	0.0
	Tynemouth	108	1006.5	+6	SE	5	0	35	92	7	6	-	10	10	1500	1009.6	+14	SE	4	0	34	92	6	6	-	-	10	10	1500	4	3	35	33	31	2	0.2	*
11	St. Abbs Head	280	1006.6	+8	SSE	5	0	35	85	7	5	-	10	10	1500	1008.8	+6	SE	5	C	33	85	7	8	2	-	7.8	10	1500	4	4	35	33	-	2	-	*
	Leuchars	36	1006.1	+10	ESE	4	97	36	85	6	5	-	10	10	1500	1009.4	+10	SE	4	Z	35	85	6	5	-	-	10	10	2500	6	3	36	34	32	1	0.6	0.0
12	Renfrew (Abbots L.)	19	1005.0	+12	ENE	3	m	35	92	4	5	-	10	10	800	1008.3	+18	E/N	2	37	34	92	4	5	-	-	10	10	2500	6	3	36	33	32	1	0.2	0.0
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.3	+18	E/N	2	37	34	92	4	5	-	-	10	10	2500	6	3	36	33	32	1	0.2	0.0
	Point of Ayre	30	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.3	+18	E/N	2	37	34	92	4	5	-	-	10	10	2500	6	3	36	33	32	1	0.2	0.0
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1004.6	+8	SE/E	5	C	39	85	7	5	-	-	7.8	7.8	2500	0	4	35	38	37	0.4	-	0.0		
13b	Stornoway	80	1005.1	+8	SE	2	C	41	85	6	5	2	-	7.8	10	1500	1005.1	+8	SE	2	C	41	85	6	5	2	-	7.8	10	1500	1	1	41	38	-	2	0.0
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1009.5	+22	SE	4	C	29	92	5	5	-	-	10	10	1500	9	3	32	28	26	-	-	0.8		
	Aberdeen	79	1006.2	+6	SE	8	CQ	37	92	6	5	2	-	9	10																						

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

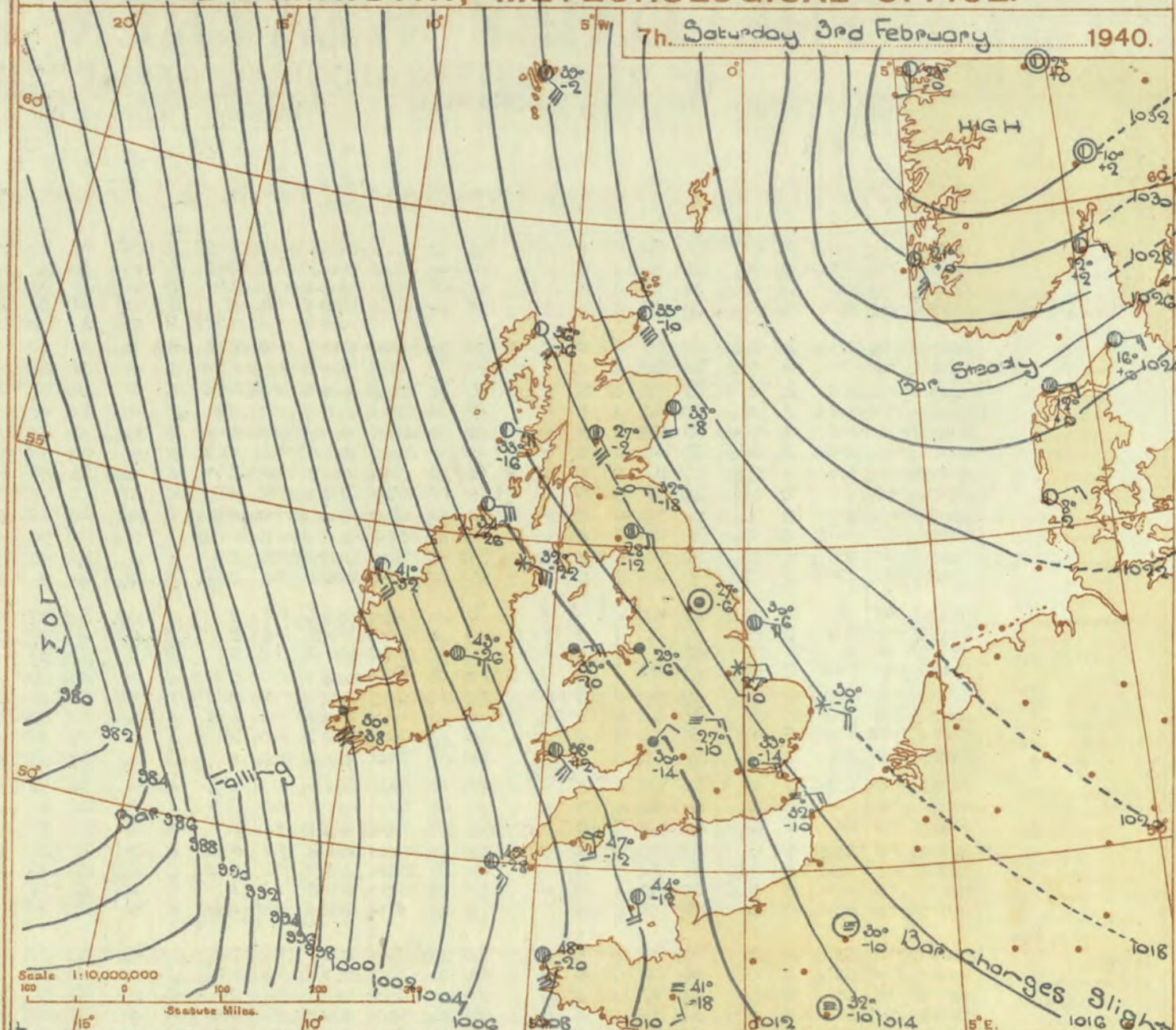
Saturday, 3rd February 1940.

No. 28,562.

OBSERVATIONS at 13h. G.M.T. 2nd February														OBSERVATIONS at 18h. G.M.T. 2nd February														PAST 24 HOURS.													
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.											
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Med. (10)	High (11)	Low (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)	7h.—13h. 2nd (37)				13h.—18h. 2nd (38)		18h.—1st 3rd (39)		1st.—7h. 3rd (40)	
																																Low.	Med.	High	Low	Total	Height of	Low.	Med.	High	Low
1	London (Kew)...	1008.5	+1.2	NE	3	0	32	85	5	-	-	10	10	1500	1010.5	+1.4	E	3	0	31	85	3	5	-	-	10	10	1500	8	*	cm, off	off	off	off							
	Croydon ...	1008.8	+1.0	ENE	2	m	31	92	4	-	-	10	10	1500	1010.3	+1.2	ENE	3	m	30	82	4	5	-	-	10	10	1500	8	*	cm, 15	cm	cm	cm							
	S. Farnborough	1008.2	+1.0	NE	3	0	32	85	5	-	-	10	10	800	1008.4	+1.0	E	3	m	31	92	4	5	-	-	10	10	800	8	*	cm	cm	cm	cm							
	Boscombe Down	1008.0	+1.0	E	2	0	31	92	5	-	-	10	10	800	1008.8	+1.0	E	3	rf	31	82	2	5	-	-	10	10	800	6	*	cm	cm	cm	cm							
	Calshot (Soton.)	1008.2	+1.0	E	2	0	31	92	5	-	-	10	10	800	1008.2	+1.0	E	3	rf	31	82	2	5	-	-	10	10	800	4	*	cm	cm	cm	cm							
	Lympne ...	1008.2	+1.0	NNE	2	0	32	85	5	-	-	10	10	2500	1010.7	+1.8	NNE	2	0	31	85	5	5	-	-	10	10	2500	8	3	cm, 15	cm	cm	cm							
	Manston ...	1008.7	+1.0	NE	3	0	32	85	5	-	-	10	10	600	1010.4	+2.2	ENE	2	m	32	85	4	5	-	-	10	10	600	8	*	cm, 15	cm	cm	cm							
2	Shoeburyness ...	1009.1	+1.0	NE	2	0	31	92	5	-	-	10	10	2500	1010.6	+1.6	NE	2	0	30	87	5	5	-	-	10	10	2500	8	*	cm	cm	cm	cm							
	Felixstowe ...	1009.1	+1.0	NNE	2	0	31	92	4	-	-	10	10	1500	1010.7	+1.0	NE	3	ir	29	85	5	5	-	-	10	10	1500	8	1	cm, 15	cm	cm	cm							
	Gorleston ...	1009.3	*	NE	3	C/p	28	85	5	-	-	10	10	2500	1011.4	+1.2	ENE	3	ss	28	85	5	6	-	-	10	10	2500	8	2	cm, 15	cm	cm	cm							
	Mildenhall ...	1009.3	+1.0	ENE	2	0	29	92	6	-	-	10	10	1500	1011.6	+1.0	NE	2	m	27	97	4	5	-	-	10	10	1500	8	*	cm, 15	cm	cm	cm							
	Cranwell ...	1010.2	+1.0	E	2	0	27	92	6	-	-	10	10	800	1011.9	+1.0	E	1	0	26	97	5	5	-	-	10	10	800	8	*	cm, 15	cm	cm	cm							
3	Birmingham	1009.4	+1.0	E	3	0	28	97	5	-	-	10	10	450	1010.6	+1.0	E	2	0	27	97	5	5	-	-	10	10	450	8	*	cm, 15	cm	cm	cm							
	Upper Heyford	1009.6	+1.0	E	2	0	28	92	6	-	-	10	10	800	1010.8	+1.2	NE	2	0	28	92	5	5	-	-	10	10	800	9	*	cm, 15	cm	cm	cm							
4	Ross-on-Wye ...	1008.7	+1.0	ENE	2	0	31	92	6	-	-	10	10	800	1009.8	+1.0	NE	3	0	30	92	5	5	-	-	10	10	450	8	*	cm	cm	cm	cm							
5	Hartland Point	1001.9	0	E	4	C	36	92	5	2	-	7-8	10	800	1003.0	+1.8	E	4	C	36	92	5	8	2	-	7-8	10	1500	1	3	cm, 15	cm	cm	cm							
	Bristol ...	1008.0	+1.0	ENE	3	0	31	92	5	2	-	9	10	800	1008.5	+1.0	ENE	3	15	31	92	4	5	-	-	10	10	800	8	*	cm, 15	cm	cm	cm							
	Portland Bill ...	1003.4	+1.0	E	4	cd	39	92	4	-	-	10	10	450	1003.6	+1.0	E	5	10	39	97	4	-	-	10	10	450	1	3	cm, 15	cm	cm	cm								
	Plymouth ...	1000.5	+1.0	E	5	0	47	97	7	-	-	10	10	1500	1000.8	+1.0	E	4	C	47	97	7	8	2	-	10	10	1500	1	3	cm, 15	cm	cm	cm							
	The Lizard ...	997.8	0	E	4	rr	48	97	6	-	-	10	10	1500	998.3	+1.0	SE	3	C	49	97	7	5	2	-	10	10	1500	1	2	cm, 15	cm	cm	cm							
	Scilly (St. Mary's)	1003.4	+1.0	SE	3	C/r	44	97	7	7	9	9	10	800	1004.7	+1.0	SE	3	rr	46	97	7	5	2	-	10	10	2500	1	2	cm, 15	cm	cm	cm							
	Guernsey ...	1004.8	+1.0	SE	6	bc	38	85	6	6	-	2-3	4-6	1500	1004.2	0	SE	6	bc	36	92	6	5	-	-	10	10	1500	1	2	cm, 15	cm	cm	cm							
6	Pembroke ...	1005.3	+1.0	E	5	0	37	85	6	-	-	0	0	-	1006.6	+1.0	ENE	5	bc	33	85	5	5	-	-	2-3	2-3	1000	1	3	cm, 15	cm	cm	cm							
7	Holyhead ...	1009.5	+1.0	ENE	3	q/d	31	75	5	-	-	10	10	1500	1010.7	+1.0	SE	3	m	29	85	4	5	-	-	10	10	1500	9	*	cm, 15	cm	cm	cm							
8	Chester (Sealand)	1009.7	+1.0	E	3	0	32	75	5	-	-	9	9	1500	1011.0	+1.0	E	3	0	27	85	5	5	-	-	2-3	2-3	1500	9	*	cm, 15	cm	cm	cm							
	Manchester ...	1010.5	+1.0	E	3	0	29	92	6	-	-	10	10	800	1012.1	+1.2	E	4	0	29	92	6	5	-	-	10	10	800	8	3	cm, 15	cm	cm	cm							
10	Spurn Head ...	1011.1	+1.0	SE	4	C/p	33	85	7	-	-	10	10	1500	1012.4	+1.0	E	1	0	30	85	5	5	-	-	10	10	1500	9	3	cm, 15	cm	cm	cm							
	Catterick ...	1012.8	+1.0	SE	4	C/p	33	85	7	-	-	10	10	2500	1013.8	+1.0	SE	4	C	33	85	7	8	-	-	10	10	2500	4	3	cm, 15	cm	cm	cm							
	Tynemouth ...	1012.8	+1.0	SE	4	C/p	33	85	7	-	-	10	10	2500	1013.8	+1.0	SE	4	C	33	85	7	8	-	-	10	10	2500	4	3	cm, 15	cm	cm	cm							
11	St. Abbs Head	1012.3	+1.0	SE	4	0/5	34	92	7	-	-	10	10	2500	1013.7	+1.0	SE	5	0	32	85	8	5	-	-	10	10	1500	4	3	cm, 15	cm	cm	cm							
	Leuchars ...	1011.0	+1.0	E	3	0	34	75	5	2	-	9	10	1500	1012.3	+1.0	E	3	0	33	97	6	5	-	-	10	10	2500	6	*	cm, 15	cm	cm	cm							
12	Rentrow (Abbots L.)	1010.9	+1.0	E	4	0	29	75	6	-	-	10	10	800	1012.8	+1.2	ESE	4	0	28	75	6	5	-	-	10	10	800	9	*	cm, 15	cm	cm	cm							
	Eskdalemuir ...	1006.8	+1.0	SE	4	C	30	75	8	-	-	7-8	7-8	2500	1008.4	+1.0	ESE	5	bc	34	75	8	5	-	-	2-3	2-3	2500	0	4	cm, 15	cm	cm	cm							
	Point of Ayre ...	1008.1	+1.0	SE	2	0	40	85	7	2	-	4-6	10	1500	1008.7	+1.0	ESE	3	C	40	75	7	5	2	-	4-6	10	1500	1	1	cm, 15	cm	cm	cm							
13A	Three ...	1011.2	+1.0	SE	4	0	29	97	5	-	-	10	10	1500	1012.3	+1.0	SE	3	C	27	97	5	5	-	-	10	10	1500	9	3	cm, 15	cm	cm	cm							
13B	Stornoway ...	1013.8	+1.0	SE	3	phr	33	85	6	-	-	10	10	1500	1014.9	+1.0	SE	4	0	33	85	6	5	-	-	10	10	1500	8	3	cm, 15	cm	cm	cm							
15	Dalwhinnie ...	1011.6	+1.0	SE	3	ps	35	92	6	2	-	9	10	800	1012.8	+1.0	SE	8	C/q	35	85	6	5	2	-	10	10	800	1	4	cm, 15	cm	cm	cm							
	Aberdeen ...	1015.1	+1.0	SE	6	C/p	33	97	7	7	-	4-6	7-8	2500	1017.0	+1.0	SE	6	C/p	33	92	7	8	7	-	7-8	10	800	4	*	cm, 15	cm	cm	cm							
16	Wick ...	1001.5	+1.0	SE	4	C	43	92	6	-	-	0	10	-	1001.5	0	SE	5	C/q	42	87	6	-	-	0	10	-	0	4	0	cm, 15	cm	cm	cm							
	Lerwick ...	1005.1	+1.0	SE	4	C	39	85	7	7	-	4-6	7-8	4000	1006.2	+1.0	ESE	4	0	36	85	6	8	4	-	4-6	10	2500	0	9	C	cm, 15	cm	cm	cm						
17	Blacksod Point...	1006.9	+1.0	E	4	0	36	85	6	-	-	10	10	800	1008.3	+1.0	E	4	0	34	85	6	5	-	-	10	10	1500	1	*	cm, 15	cm	cm	cm							
18	Malin Head ...	1003.8	+1.0	E	3	C	43	85	8	1	-	7-8	9	2500	1005.8	+1.0	ESE	3	0	39																					

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 3rd February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd. February, 1940.
1 S.E. England	Freshening southeast wind veering south; dull, occasional rain; temperature rising.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind southeast strong to gale, veering south and decreasing; rain at first, bright intervals and showers later, mild.
6 South Wales ...	
7 North Wales ...	Strong southeast wind, gale on coasts, veering south and decreasing; some rain; temperature rising.
8 N.W. England	
9 N. Midlands ...	Fresh southeast wind, strong to gale on coasts; sleet or snow at first, rain later; temperature rising.
10 N.E. England	
11 S.E. Scotland	Fresh southeast wind, strong to gale on coasts; slight sleet or snow at first; rain later: temperature rising.
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W. Scot- land.	Strong southeast wind, gale on coasts; sleet or snow showers; temperature rising a little.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	As 6 - 8
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

An anticyclone remains centred over Scandinavia and a deep depression west of Ireland is spreading slowly northeast. There will be occasional snow in the North and a period of rain in the West and South. Thaw conditions will spread to most parts of the British Isles except the extreme North.

FURTHER OUTLOOK.

Thaw conditions persisting except perhaps in the extreme North.

Gale warnings issued for districts:- 15, 16 26/1/40.
5, 6, 10 0810 3/2/40.
7, 8, 11, 12, 13a, 13b, 17, 18, 19, 20 0245 3/2/40.

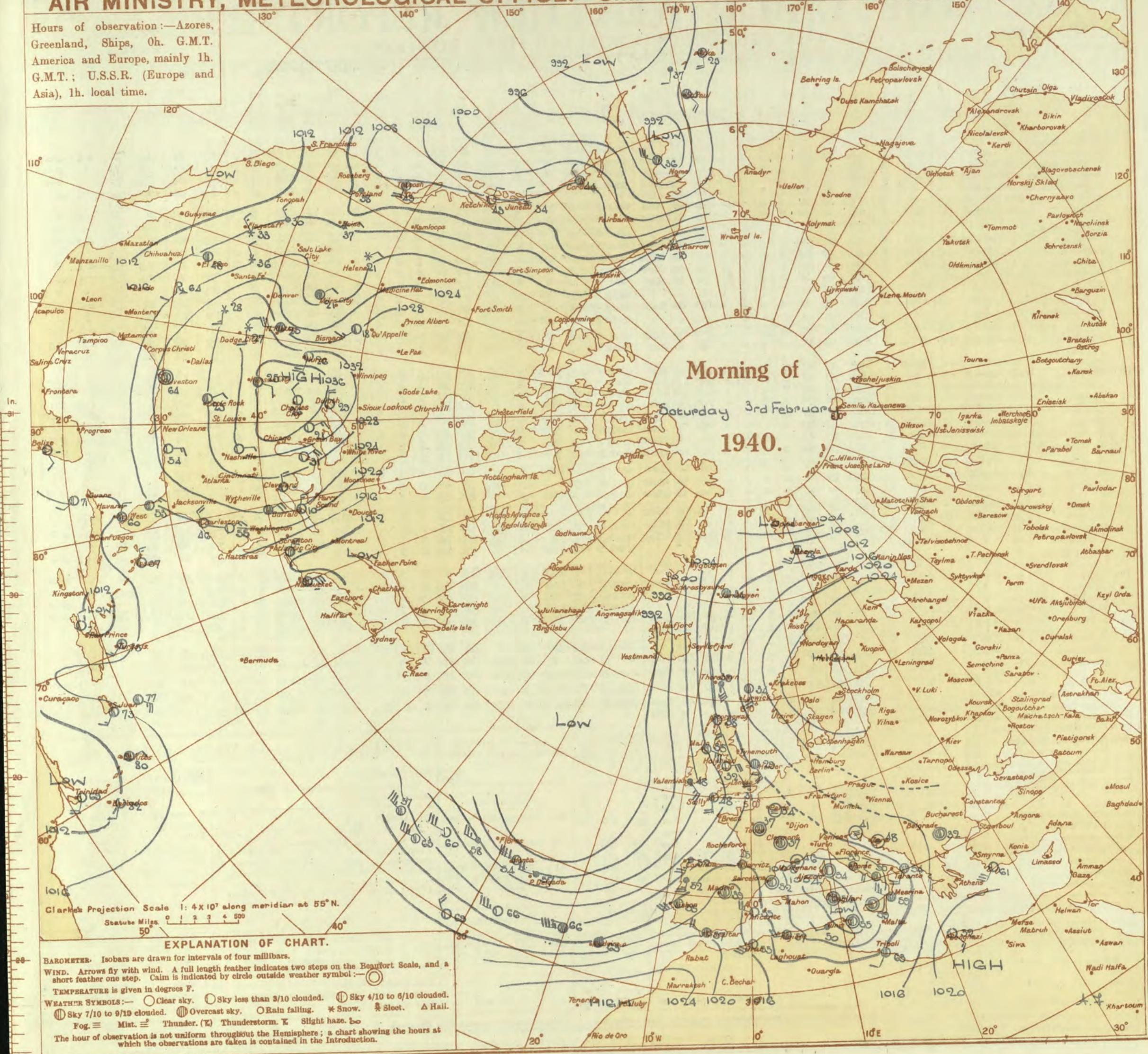
Forecasts issued at 1100 G.M.T.
H.M.S.O. Press, Cornwall House, S.E.1.

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

2474/3006. HY 8/105. D 4626. Sp 248. 1/40.

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 3rd February 1940.
 No. 28,562

OBSERVATIONS at 1 hr. G.M.T. 3rd February															OBSERVATIONS at 7 hr. G.M.T. 3rd February															PAST 24 HOURS.																		
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE 2nd 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).	Direc.	Force.	Form.			Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.
1	London (Kew) ... 18	1010.7	-4	ESE	2	3	31	97	4	5	10	10	450	1008.4	-12	E	4	10	33	92	4	6	10	10	1500	6	33	31	30	Tr	0.6	0.0																
	Croydon ... 217	1010.7	-2	ESE	3	3	31	92	5	5	10	10	450	1008.7	-14	E	3	33	97	4	5	10	10	1500	8	31	29	28	Tr	1	0.0																	
	S. Farnborough ... 226	1010.0	-2	ESE	3	3	31	92	5	5	10	10	450	1007.7	-14	E	3	33	97	4	5	10	10	1500	8	32	30	29	Tr	2	0.0																	
	Boscombe Down ... 417	1008.6	-4	ESE	4	4	30	97	3	2	10	10	450	1006.4	-10	E	4	33	97	2	2	10	10	1500	8	32	29	28	Tr	0.6	0.0																	
	Calshot (Stmntn.) ... 8	1008.1	-6	ESE	5	5	35	92	4	5	10	10	450	1006.4	-10	E	5	33	97	2	2	10	10	1500	8	32	31	31	Tr	0.2	0.0																	
	Lymington ... 346	1012.0	+4	ESE	3	3	32	92	3	5	10	10	450	1010.6	-10	ESE	3	32	92	3	5	10	10	1500	8	33	31	30	Tr	-	0.0																	
	Manston ... 164	1011.6	+4	ESE	2	2	32	92	3	5	10	10	450	1010.2	-10	ESE	2	32	92	3	5	10	10	1500	8	33	31	30	Tr	-	0.0																	
2	Shoeburyness ... 11	1012.0	+4	ESE	2	2	31	92	5	5	10	10	1500	1007.8	-10	ESE	2	31	92	5	5	10	10	1500	6	32	30	28	Tr	0.1	0.0																	
	Felixstowe ... 15	1012.5	+4	ESE	3	3	27	85	5	5	10	10	2500	1011.8	-6	ESE	3	27	85	5	5	10	10	1500	8	30	27	25	Tr	0.2	0.0																	
	Gorleston ... 5	1012.2	0	ESE	3	3	27	85	4	5	10	10	1500	1010.5	-12	ESE	3	27	85	4	5	10	10	1500	8	30	27	26	Tr	0.0	0.0																	
	Mildenhall ... 19	1012.4	0	ESE	1	1	26	85	3	5	10	10	800	1011.1	-10	ESE	1	26	85	3	5	10	10	800	9	28	26	24	Tr	0.0	0.0																	
	Cranwell ... 240	1012.4	0	ESE	1	1	26	85	3	5	10	10	800	1011.1	-10	ESE	1	26	85	3	5	10	10	800	9	28	26	24	Tr	0.0	0.0																	
3	Birmingham ... 535	1011.3	-2	ESE	3	3	27	85	4	5	10	10	800	1008.4	-6	ESE	3	27	85	4	5	10	10	1500	9	28	25	22	Tr	0.6	0.0																	
	Upper Heyford ... 408	1011.3	-2	ESE	3	3	27	85	4	5	10	10	800	1008.5	-14	ESE	3	27	85	4	5	10	10	220	9	29	26	26	Tr	0.0	0.0																	
4	Ross-on-Wye ... 223	1011.3	-2	ESE	3	3	27	85	4	5	10	10	800	1007.2	-14	ESE	3	27	85	4	5	10	10	1500	8	31	27	28	Tr	0.5	0.0																	
5	Hartland Point ... 299	1008.3	+8	ESE	4	4	36	92	6	5	10	10	2500	1001.4	-14	ESE	4	36	92	6	5	10	10	2500	1	37	35	35	Tr	0.5	0.8																	
	Bristol ... 209	1008.7	-2	ESE	2	2	32	92	4	5	10	10	800	1006.5	-14	ESE	2	32	92	4	5	10	10	800	5	31	31	30	Tr	0.0	0.0																	
	Portland Bill ... 32	1004.6	+6	ESE	2	2	43	97	5	2	10	10	800	1002.7	-12	ESE	2	43	97	5	2	10	10	800	1	39	39	38	Tr	0.0	0.0																	
	Plymouth ... 82	1003.2	+8	ESE	3	3	47	97	8	4	10	10	2500	1000.0	-20	ESE	3	47	97	8	4	10	10	2500	7	47	46	45	Tr	0.0	0.0																	
	The Lizard ... 240	1003.2	+8	ESE	3	3	47	97	8	4	10	10	2500	1000.0	-20	ESE	3	47	97	8	4	10	10	2500	7	47	46	45	Tr	0.0	0.0																	
	Scilly (St. Mary's) ... 163	1001.6	+8	ESE	4	4	48	97	7	2	10	10	2500	997.1	-28	ESE	4	48	97	7	2	10	10	2500	1	50	47	45	Tr	0.0	0.0																	
	Guernsey ... 175	1006.3	+6	ESE	3	3	46	92	6	2	10	10	2500	1005.1	-12	ESE	3	46	92	6	2	10	10	2500	1	46	44	43	Tr	0.0	0.0																	
6	Pembroke ... 142	1005.4	-6	ESE	7	7	36	97	5	5	10	10	1500	1001.0	-12	ESE	7	36	97	5	5	10	10	1500	1	39	34	33	Tr	0.1	1.2																	
7	Holyhead ... 26	1005.1	-2	ESE	6	6	32	92	6	1	10	10	1500	1002.5	-10	ESE	6	32	92	6	1	10	10	1500	1	37	31	29	Tr	0.3	6.7																	
	Chester (Sealand) ... 16	1010.8	-6	ESE	3	3	27	85	4	5	10	10	1500	1008.7	-6	ESE	3	27	85	4	5	10	10	1500	9	31	27	27	Tr	0.0	0.0																	
8	Manchester ... 70	1011.3	-4	ESE	2	2	26	85	5	5	10	10	1500	1009.2	-12	ESE	2	26	85	5	5	10	10	1500	9	33	25	23	Tr	0.0	2.2																	
10	Spurn Head ... 29	1013.4	+2	ESE	4	4	23	97	6	5	10	10	1500	1011.8	-6	ESE	4	23	97	6	5	10	10	1500	8	32	28	27	Tr	0.0	0.0																	
	Catterick ... 175	1013.3	0	ESE	1	1	29	75	6	5	10	10	1500	1011.9	-6	ESE	1	29	75	6	5	10	10	1500	9	32	27	27	Tr	0.0	0.0																	
	Tynemouth ... 108	1014.5	0	ESE	5	5	29	75	6	5	10	10	1500	1012.7	-10	ESE	5	29	75	6	5	10	10	1500	9	32	27	27	Tr	0.0	0.0																	
11	St. Abbs Head ... 280	1013.3	+6	ESE	5	5	31	85	7	8	10	10	2500	1011.4	-6	ESE	5	31	85	7	8	10	10	2500	0	34	31	30	Tr	0.0	0.0																	
	Leuchars ... 36	1014.3	-2	ESE	4	4	34	92	7	5	10	10	2500	1012.2	-10	ESE	4	34	92	7	5	10	10	2500	5	35	32	32	Tr	0.0	0.0																	
12	Renfrew (Abbots L.) ... 19	1012.8	-2	ESE	3	3	31	85	5	5	10	10	2500	1009.7	-18	ESE	3	31	85	5	5	10	10	2500	0	35	33	28	Tr	0.0	0.0																	
	Eskdalemuir ... 794	1012.8	-2	ESE	3	3	31	85	5	5	10	10	2500	1009.7	-18	ESE	3	31	85	5	5	10	10	2500	0	35	33	28	Tr	0.0	0.0																	
	Point of Ayre ... 30	1012.8	-2	ESE	3	3	31	85	5	5	10	10	2500	1009.7	-18	ESE	3	31	85	5	5	10	10	2500	0	35	33	28	Tr	0.0	0.0																	
13A	Tiree ... 22	1008.8	+2	ESE	3	3	33	75	7	5	10	10	4000	1004.1	-16	ESE	3	33	75	7	5	10	10	4000	3	40	32	30	Tr	0.0	0.0																	
13B	Stornoway ... 80	1008.8	+2	ESE	3	3	33	75	7	5	10	10	4000	1006.7	-16	ESE	3	33	75	7	5	10	10	4000	1	42	36	36	Tr	0.0	0.0																	
15	Dalwhinnie ... 1176	1010.6	-2	ESE	4	4	27	85	6	5	10	10	1500	1010.6	-2	ESE	4	27	85	6	5	10	10	1500	9	29	25	23	Tr	0.0	0.0																	
	Aberdeen ... 79	1013.9	-8	ESE	4	4	33	85	6	5	10	10	2500	1013.9	-8	ESE	4	33	85	6	5	10	10	2500	8	34	32	29	Tr	0.0	0.0																	
	Wick ... 81	1013.4	+2	ESE	8	8	35	92	6	5	10	10	800	1011.9	-10	ESE	8	35	92	6	5	10	10	800	1	37	34	34	Tr	0.0	0.0																	
16	Lerwick ... 156	1017.7	+2	ESE	6	6	34	85	7	8	10	10	1500	1011.9	-10	ESE	6	34	85	7	8	10	10	1500	1	37																						

AIR
MINISTRY.

THE DAILY WEATHER REPORT

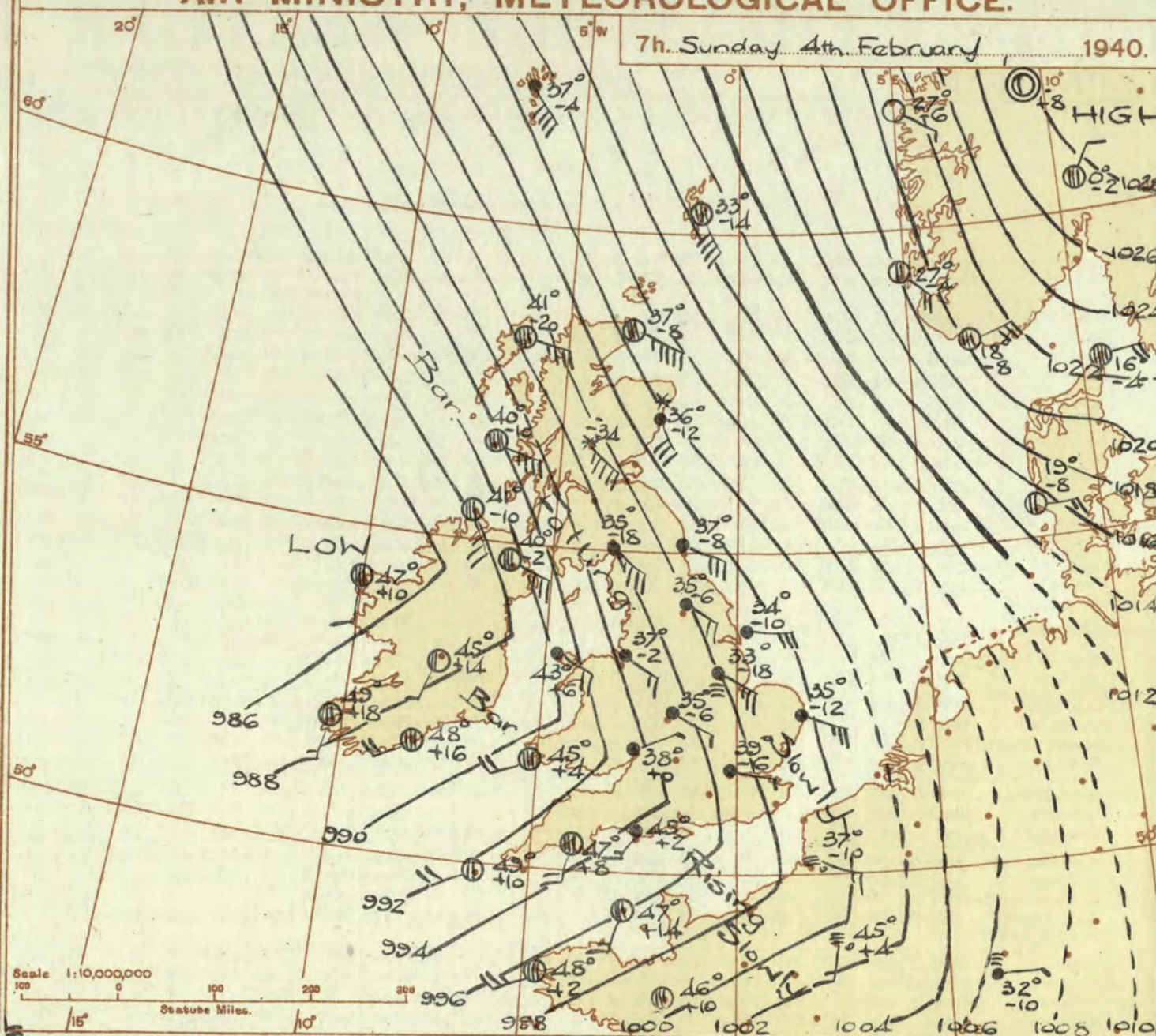
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 4th February 1940.
No 28563

OBSERVATIONS at 13h. G.M.T. 3rd February														OBSERVATIONS at 18h. G.M.T. 3rd February														PAST 24 HOURS.									
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Barom. at M.S.L. (28)	Change in 8 hours. (29)	WEATHER.							
				Dir.	Force. (4)					Form.	Amount. (12)	Height of Base. (feet) (13)	Dir.	Force. (18)			Form.	Amount. (25)					Height of Base. (feet) (26)	State of Ground. 0-9 (30)	Sea. 0-9 (31)	7h.-13h. 3rd (37)	13h.-18h. 3rd (38)			18h. 3rd to 1h. 4th (39)	1h.-7h. 4th (40)						
1	London (Kew)...	1006.0	-24	ENE	3	of	35.92	3	5	-	10	10	1500	1005.0	-18	ENE	3	of	36	92	2	5	-	10	10	1500	6	3	off	off	off	off	off	off	off	off	
	Croydon ...	1006.4	-22	EN	2	of	35.97	2	5	-	10	10	450	1004.1	-14	E/S	2	m	38	92	4	5	4	1	23	46	4000	6	6	off	off	off	off	off	off		
	S. Farnborough	1004.1	-16	ESE	2	F	35.97	1	-	-	10	10	450	1002.5	-16	E	2	cf	35	97	2	5	1	-	16	78	800	6	6	FF	FF	FF	FF	FF	FF		
	Boscombe Down	1004.3	-22	ESE	4	o/f	35.97	5	5	-	10	10	800	1000.8	-14	E/S	5	20	40	92	5	5	7	-	46	94	4000	1	3	off	off	off	off	off	off		
	Calshot (Soton.)	1008.4	-14	ESE	3	20	37.92	5	3	1	46	78	1500	1005.8	-14	ESE	4	20	39	85	5	-	7	-	0	0	-	6	3	off	off	off	off	off	off		
	Lymington	1001.8	-14	ESE	4	cf	35.97	2	5	-	21	31	2500	1005.5	-8	SE	4	cf	38	85	3	-	1	-	9	9	5700	6	6	off	off	off	off	off	off		
2	Shoeburyness ...	1008.4	-16	E/S	3	0	36.97	4	5	-	10	10	1500	1005.7	-12	ESE	3	fs	36	92	3	5	-	10	10	2500	6	6	cm	cm	cm	cm	cm	cm	cm	cm	
	Felixstowe ...	1008.8	-6	E/S	3	0	34.92	4	5	-	10	10	800	1006.1	-6	ESE	3	cf	35	92	3	5	-	10	10	78	78	2500	8	2	cm	cm	cm	cm	cm	cm	
	Gorleston ...	1010.3	-8	ESE	5	pr	33.85	5	6	-	10	10	1500	1008.4	-4	ESE	4	0	34	85	4	5	-	10	10	1500	6	3	off	off	off	off	off	off	off	off	
	Mildenhall ...	1008.3	-14	SE/E	3	of	33.97	4	5	-	10	10	450	1008.3	-14	E/S	4	of	34	97	3	5	-	10	10	450	7	3	off	off	off	off	off	off	off	off	
	Cranwell ...	1008.4	-14	E	3	sh	30.97	3	-	2	10	10	800	1005.7	-14	ESE	3	fs	32	97	2	-	-	10	10	450	9	3	off	off	off	off	off	off	off	off	
3	Birmingham ...	1005.9	-18	ENE	2	f	31.97	2	-	-	10	10	450	1003.0	-14	ESE	3	f	33	97	1	-	-	10	10	450	9	3	off	off	off	off	off	off	off	off	
4	Upper Heyford ...	1006.4	-20	ENE	2	of	33.97	2	-	-	10	10	220	1002.9	-10	E/S	3	f	34	97	2	-	-	10	10	450	9	3	off	off	off	off	off	off	off	off	
	Ross-on-Wye ...	1003.7	-20	E	2	of	33.97	1	5	-	10	10	220	1000.1	-24	WNW	3	of	35	97	2	5	-	10	10	220	6	3	off	off	off	off	off	off	off	off	
5	Hartland Point ...	1008.0	-22	SSE	3	c	47.88	8	3	2	46	9	2500	991.3	-44	SE	6	c/r	44	92	7	8	2	9	9	2500	1	3	bcc	off	off	off	off	off	off		
	Bristol ...	1003.7	-18	ESE	2	cf	36.97	2	5	-	10	10	220	995.8	-16	ESE	3	of	37	97	3	5	-	10	10	220	6	3	cm	off	off	off	off	off	off	off	
	Portland Bill ...	999.1	-26	SE	5	20	47.92	6	5	-	10	10	800	994.3	-34	SE/E	5	rr	45	97	5	6	2	9	9	450	1	4	cm	off	off	off	off	off	off	off	
	Plymouth ...	996.2	-30	SE	6	rr	47.97	6	5	-	10	10	1500	990.9	-10	SE	6	rr	47	97	7	5	-	10	10	1500	1	4	cm	off	off	off	off	off	off	off	
	The Lizard ...	992.0	-28	NE/E	7	rr	48.97	6	6	-	10	10	1500	987.3	-16	SE	5	c/r	(43)	97	6	6	-	10	10	1500	1	4	cm	off	off	off	off	off	off	off	
	Scilly (St. Mary's)	1014.4	-24	SSE	4	c	44.92	7	5	2	78	10	2500	997.2	-32	SSE	4	rr	44	92	4	5	-	10	10	800	1	3	off	off	off	off	off	off	off	off	
6	Pembroke ...	998.4	-22	SE	7	f	40.97	3	-	-	10	10	450	992.4	-24	SE/E	8	ir	41	97	4	8	-	10	10	800	1	4	off	off	off	off	off	off	off	off	
7	Holyhead ...	999.8	-22	E/N	4	c	41.85	6	5	3	1	46	78	5700	996.5	-10	E/S	5	ir	40	85	6	2	-	23	10	1500	1	3	off	off	off	off	off	off	off	
	Chester (Sealand)	1008.2	-22	SE	3	m	32.85	4	-	2	10	10	800	1001.9	-18	ESE	3	of	34	92	3	-	2	-	10	10	800	9	3	off	off	off	off	off	off	off	
8	Manchester ...	1005.9	-20	E/N	4	of	33.85	5	5	-	10	10	1500	1003.4	-14	E/N	4	m	34	85	4	5	-	10	10	1500	9	3	off	off	off	off	off	off	off	off	
10	Spurn Head ...	1009.6	-6	ESE	4	0	32.92	4	5	-	10	10	450	1006.5	-12	SE/E	6	ir	33	92	4	5	-	10	10	450	6	4	off	off	off	off	off	off	off	off	
	Catterick ...	1009.6	-14	ESE	1	is	30.97	4	5	-	10	10	800	1006.6	-10	SE	3	sh	32	92	3	-	-	10	10	450	9	3	off	off	off	off	off	off	off	off	
	Tynemouth ...	1011.0	-10	SE	5	c/r	34.85	6	6	-	10	10	1500	1008.3	-14	SE	5	rs	34	97	6	6	-	10	10	1500	4	3	off	off	off	off	off	off	off	off	
11	St. Abbs Head ...	1008.9	-14	SE	5	rs	32.85	6	8	2	78	10	1500	1006.3	-8	SSE	6	ir	34	85	6	5	-	10	10	1500	4	4	off	off	off	off	off	off	off	off	
	Leuchars ...	1012.2	-10	SE	6	0	34.92	7	5	-	10	10	2500	1006.8	-6	ESE	6	20	35	85	6	5	-	10	10	1500	4	3	off	off	off	off	off	off	off	off	
12	Renfrew (Abbots L.)	1007.1	-18	E/N	4	0	34.85	5	5	-	10	10	1500	1004.0	-14	E	4	m	34	85	4	5	-	10	10	1500	8	3	off	off	off	off	off	off	off	off	
	Eskdalemuir ...	1007.9	-12	SE	3	So	29.92	6	-	2	10	10	220	1005.1	-10	E	4	So	29	92	5	-	2	-	10	10	220	9	3	off	off	off	off	off	off	off	off
	Point of Ayre ...	1009.5	-6	ESE	6	0	36.75	7	5	-	10	10	2500	997.7	-12	ESE	7	c	37	85	6	6	1	-	78	10	1500	1	5	off	off	off	off	off	off	off	
13A	Tiree ...	1004.4	-16	SE	4	b	40.65	7	1	-	78	10	5700	1001.4	-12	ESE	5	c	39	65	7	5	7	-	46	9	2500	0	3	off	off	off	off	off	off	off	
13B	Stornoway ...	1007.9	-10	S	4	is	29.97	4	8	-	6	78	10	800	*	-	3	K/S	*	97	0	6	-	-	10	10	450	9	3	off	off	off	off	off	off	off	
15	Dalwhinnie ...	1007.9	-10	S	4	is	29.97	4	8	-	6	78	10	800	*	-	3	K/S	*	97	0	6	-	-	10	10	450	9	3	off	off	off	off	off	off	off	off
	Aberdeen ...	1011.6	-20	SE/S	5	sh	32.85	6	6	-	10	10	1500	1009.3	-10	SE/S	5	c/s	34	85	6	6	-	10	10	1500	8	3	off	off	off	off	off	off	off	off	
	Wick ...	1009.8	-12	SE	8	c/phr	34.97	6	5	7	78	10	1500	1007.9	-4	SE	8	c	35	85	6	5	2	-	3	10	1500	1	4	off	off	off	off	off	off	off	
16	Lerwick ...	1015.6	-8	SSE	7	ps	33.97	6	8	7	78	10	1500	1013.8	-4	SSE	7	c/ps	32	85	7	8	7	-	78	9	800	4	3	off	off	off	off	off	off	off	
17	Blacksod Point ...	996.5	-28	SE	6	c	46.92	7	8	-	9	9	800	986.8	-10	ESE	6	cq	46	92	7	9	-	9	9	800	1	4	off	off	off	off	off	off	off	off	
18	Malin Head ...	998.9	-16	E	5	20	37.85	6	9	-	9	9	1500	993.4	-26	E	5	20	38	85	6	6	1	-	46	9	2500	0	4	off	off	off	off	off	off	off	
	Alnagrove ...	999.8	-20	ESE	6	id	35.92	5	-	2	10	10	450	996.0	-16	ESE	5	20	37	92	5	5	-	10	10	800	1	3	off	off	off	off	off	off	off	off	
19	Birr Castle ...	<																																			

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 4th February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th February 1940.
1 S.E. England	Wind southeast to south light to moderate; cloudy, occasional rain, local fog; milder.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate south to southwest wind; bright intervals, occasional rain; milder.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Moderate southeast to south wind; occasional rain; local fog; temperature rising.
9 N. Midlands ...	
10 N.E. England	Fresh southeast wind, strong to gale on coasts, decreasing; occasional rain; local fog; temperature rising slowly.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Strong southeast wind, gale on coasts, decreasing slowly; cloudy, local rain or sleet; temperature rising slowly.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	Strong southeast wind, gale on coasts; decreasing slowly; occasional rain or sleet; temperature rising a little.
15 N. E. Scotland	
16 Orkneys and Shetlands	Moderate south wind; bright intervals, occasional rain; milder.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

An anticyclone is centred over Scandinavia and a depression to south of Iceland. A trough of low pressure extending across Northeast Ireland to Northeast France is moving slowly northeast. There will be occasional rain in most districts with local fog. Thaw conditions will continue except perhaps in N.E. Scotland.

FURTHER OUTLOOK.

Occasional rain; local fog; thaw conditions continuing except perhaps in N.E. Scotland.

Gale warnings issued for districts:-
15, 16 0920 26/1/40
7, 8, 11, 12, 13a, 13b, 18. 0245 3/2/40
10 0810 3/2/40

Forecasts issued at 1100.

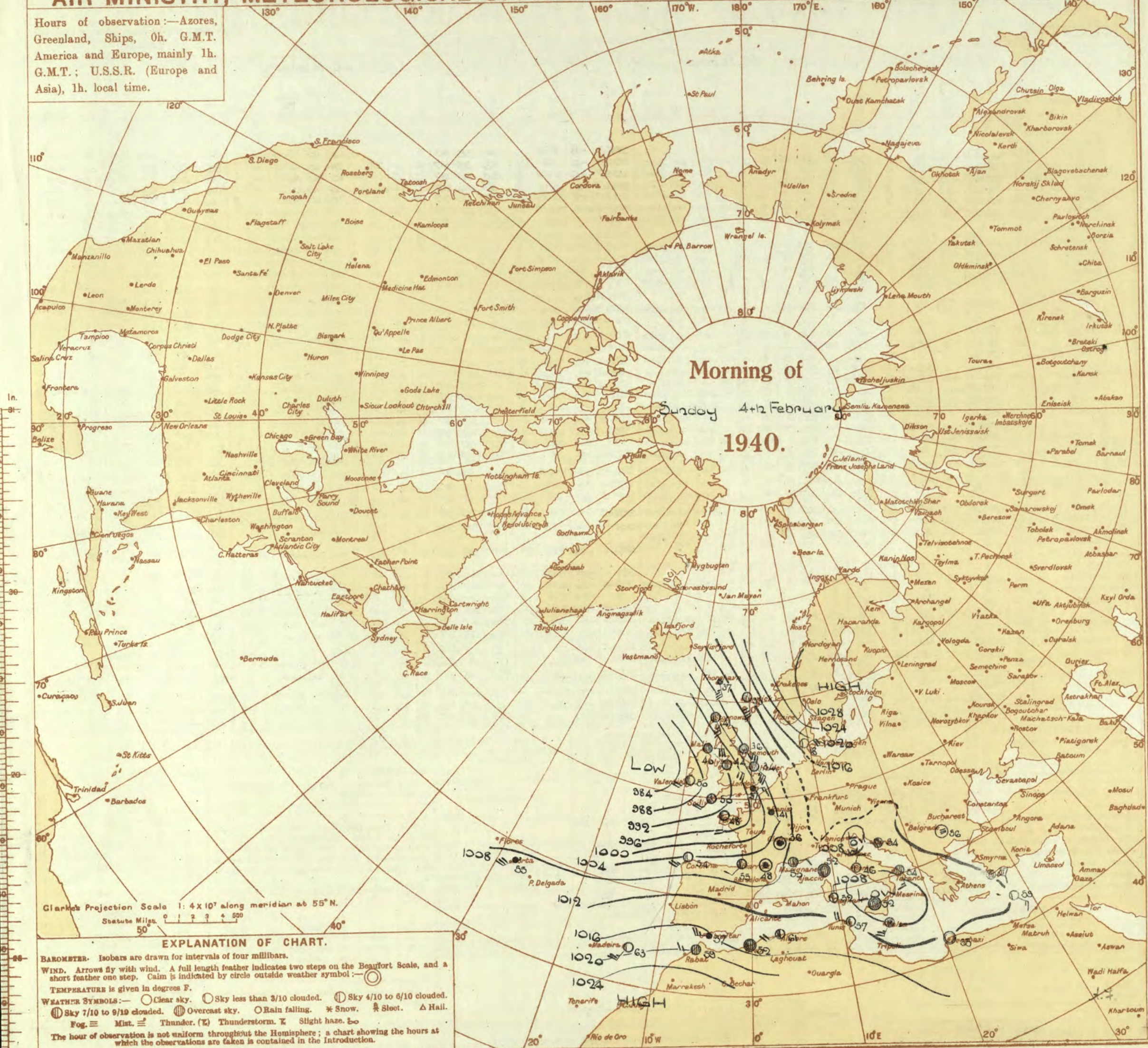
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

245/1027 M. 1108 D. 1100 1100 1100 1100

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

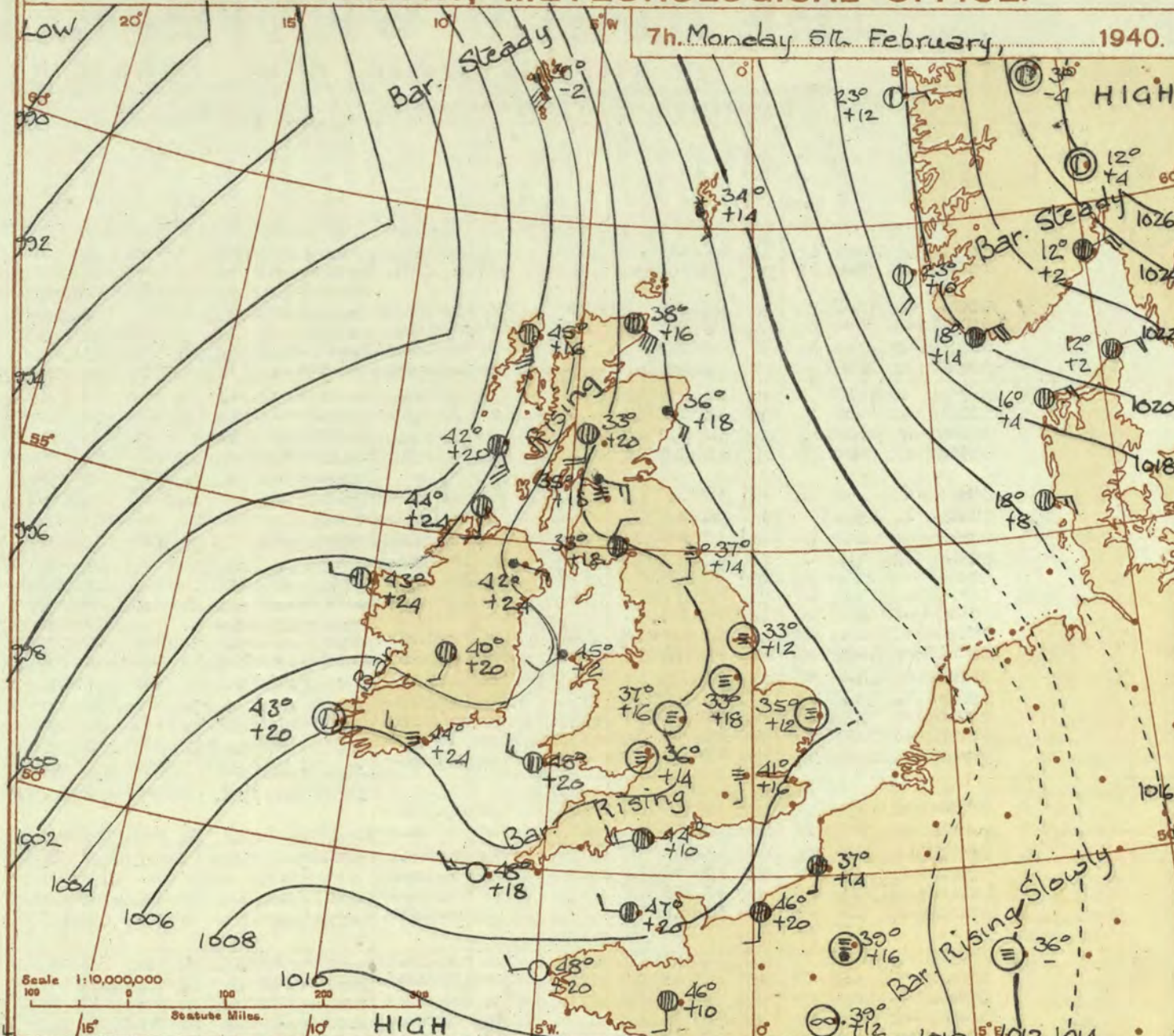
 BRITISH SECTION
 Sunday 4th February 1940.
 No 28563

OBSERVATIONS at 1 hr. G.M.T. 4th February.....														OBSERVATIONS at 7 hr. G.M.T. 4th February.....														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (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)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Form. (23)			Amount. (24)	Height of Base. (feet) (28)					Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)									
																														Low. (11)	Med. (12)	High (13)	Low 0-10 (17)		Med. (18)	High (19)	Low 0-10 (23)	Med. (24)
1	London (Kew) ... 18	*	*	*	*	*	*	*	*	*	*	*	996.3	-8	E 1/2 N	2	of	38	97	5	5	-	-	10	10	1500	6	*	37	36	33	0.5	4	0.0				
	Croydon ... 217	1000.0	-1.5	E	3		37	97	5	6	2	-	7-8	10	800	996.9	-6	SE	2	id	39	97	6	5	7	-	10	10	450	2	*	38	37	34	0.6	3	0.0	
	S. Farnborough ... 226	997.9	-2.2	E 1/2 S	4		38	97	5	5	-	-	10	10	1500	995.7	-6	SE 1/2 E	3	df	39	97	2	5	-	-	10	10	450	6	*	36	35	33	0.2	3	0.0	
	Boscombe Down ... 417	995.8	-2.6	SE	5		39	97	3	1	2	-	-	10	10	450	994.7	0	S 1/2 W	3	df	40	97	1	-	-	10	10	450	4	*	36	35	34	0.1	4	0.0	
	Calshot (Stmnt.) ... 8	996.3	-2.4	ESE	5		39	97	4	6	2	-	-	10	10	450	995.3	+2	SW 1/2 S	4	df	42	97	4	5	2	-	7-8	10	800	1	3	40	37	37	Tr	5	0.0
	Lympe ... 346	1002.9	-2.0	SE	3		37	85	5	1	2	-	-	10	10	1500	999.2	-8	SSE	3	df	39	97	3	5	-	-	10	10	450	6	3	39	36	35	0.3	5	2.1
	Manston ... 154	1002.5	-1.6	SSE	3		38	85	4	5	-	-	-	10	10	2500	998.5	-10	SE 1/2 S	4	df	36	97	2	-	-	-	10	10	450	6	*	38	35		Tr	3	
2	Shoeburyness ... 11	*	*	*	*	*	*	*	*	*	*	*	998.6	-10	ESE	3	C	36	97	5	5	-	-	-	-	10	10	1500	6	*	36	35	33	1	4	0.0		
	Felixstowe ... 15	1003.0	-1.0	ESE	4		36	92	3	5	-	-	-	10	10	800	998.8	-18	ESE	4	C	35	97	4	-	2	-	10	10	800	6	3	34	34	*	0.1	2	0.0
	Gorleston ... 5	1004.8	-1.4	ESE	5		35	85	5	5	-	-	-	10	10	2500	999.8	-12	SE 1/2 E	5	C	35	92	4	6	-	-	10	10	1500	6	4	34	34	33	2	0.1	*
	Mildenhall ... 19	1001.8	-1.2	SE 1/2 E	4		37	85	4	5	-	-	-	10	10	800	997.9	-8	ESE	4	C	35	92	4	-	2	-	10	10	1500	6	*	34	34	33	1	2	0.0
	Cranwell ... 240	1002.0	-1.0	ESE	2		33	97	1	-	-	-	-	10	10	450	997.7	-18	ESE	5	C	33	97	3	-	2	-	10	10	800	9	*	32	32	*	*	4	0.0
3	Birmingham ... 535	*	*	*	*	*	*	*	*	*	*	*	995.4	-6	ESE	2	df	35	97	3	6	-	-	-	-	10	10	450	9	*	33	33	32	0.5	3	0.0		
	Upper Heyford ... 408	998.5	-2.5	E	2		36	92	3	-	-	-	-	10	10	450	995.9	-4	E 1/2 S	2	df	36	97	2	-	-	-	10	10	450	6	*	34	33	31	0.1	4	*
4	Ross-on-Wye ... 223	*	*	*	*	*	*	*	*	*	*	*	994.0	0	NE	2	df	38	97	2	5	-	-	-	-	10	10	450	6	*	36	35	33	-	5	0.0		
5	Hartland Point ... 299	990.2	0	S	3		48	92	8	5	2	-	4-6	10	2500	991.3	+2	SW	4	of	47	97	6	5	2	-	7-8	10	1500	*	3	48	42	41	2	8	0.0	
	Bristol ... 209	994.2	-2.6	SE 1/2 S	4		40	97	4	5	-	-	-	10	10	800	993.5	+2	SSE	1	130	44	97	6	5	2	-	9	10	800	1	*	38	37	35	0.1	4	0.0
	Portland Bill ... 32	993.6	-1.0	S	5		44	92	7	5	-	-	-	10	10	1500	994.4	+10	SW	3	rr	45	92	7	5	-	-	10	10	1500	1	4	44	36	*	0.6	11	*
	Plymouth ... 82	992.0	+2	SSW	4		47	97	6	6	-	-	-	10	10	450	993.6	+8	SSW	4	of	47	97	6	6	2	-	9	10	800	1	4	47	44	43	9	10	0.0
	The Lizard ... 240	991.0	+10	SSW	5		47	97	7	5	-	-	-	10	10	1500	993.4	+14	SSW	4	C	48	97	8	8	2	-	7-8	9	1500	1	3	48	36	*	13	2	0.0
	Scilly (St. Mary's) ... 163	989.9	+12	SSW	4		50	92	6	5	2	-	-	4-6	7-8	1500	992.0	+10	SW	4	bc	49	92	6	8	-	-	4-6	4-6	2500	1	3	50	48	*	13	3	0.0
	Guernsey ... 175	995.2	-2	SSW	3		47	97	6	5	2	-	-	4-6	4-6	2500	996.3	+14	SW 1/2 S	3	C	47	97	7	8	3	-	7-8	9	2500	1	3	45	43	41	4	3	0.0
6	Pembroke ... 142	989.0	-4	SSW	6		44	97	7	8	-	-	-	9	9	800	991.3	+4	SW	4	C	45	97	5	8	-	-	9	9	1500	1	2	41	39	*	4	14	0.0
7	Holyhead ... 26	990.4	-2.2	SE 1/2 E	6		44	75	7	5	2	-	-	4-6	10	2500	990.0	+6	SSE	4	C	43	92	7	6	2	-	9	10	1500	1	2	43	37	37	-	4	1.1
	Chester (Sealand) ... 16	996.7	-1.4	ESE	3		37	92	4	-	2	-	-	10	10	800	994.5	-2	SE	3	C	37	97	4	-	2	-	10	10	800	8	*	34	34	32	0.1	2	0.0
8	Manchester ... 70	998.4	-1.4	E	4		36	92	4	-	2	-	-	10	10	800	995.5	-6	E	4	mp	37	85	4	-	2	-	10	10	800	6	*	34	33	32	Tr	1	0.0
10	Spurn Head ... 29	1002.6	-1.0	SE 1/2 E	7		34	97	5	5	-	-	-	10	10	800	998.9	-10	ESE	6	dd	34	97	4	5	-	-	10	10	800	6	4	33	32	*	0.3	0.6	0.0
	Catterick ... 175	1001.9	-1.6	SSE	4		34	97	4	5	-	-	-	10	10	450	999.2	-6	SE	3	130	35	92	5	5	-	-	10	10	800	6	*	32	32	30	0.5	4	0.0
	Tynemouth ... 108	1003.6	-1.2	SE	6		36	97	6	6	-	-	-	10	10	1500	1001.3	-8	SE	6	rr	37	97	6	6	-	-	10	10	1500	1	4	34	34	32	0.1	3	*
11	St. Abbs Head ... 280	1002.4	-1.8	SSE	7		36	92	7	5	-	-	-	10	10	1500	998.9	-10	SE	8	rr	36	97	6	5	-	-	10	10	1500	4	6	34	33	*	0.1	1	*
	Leuchars ... 36	1003.1	-1.8	SE	7		37	92	6	5	-	-	-	10	10	1500	1000.0	-14	SE	8	ir	38	92	6	-	2	-	10	10	800	1	*	35	35	34	Tr	0.3	0.0
12	Renfrew (Abbots L.) ... 19	999.7	-2.0	E 1/2 S	4		36	85	4	5	-	-	-	10	10	150																						
	Eskdalemuir ... 794	*	*	*	*	*	*	*	*	*	*	*	996.1	-1.8	SE	7	rr	35	85	6	-	2	-	-	-	-	10	10	450	9	*	30	30	31	0.2	3	0.0	
	Point of Ayre ... 30																																					
13A	Tiree ... 22	*	*	*	*	*	*	*	*	*	*	*	990.1	-10	ESE	7	0	40	85	6	5	-	-	-	-	-	10	10	1500	1	5	38	37	35	-	0.5	0.2	
13B	Stornoway ... 80	1000.0	-6	SE	5		41	75	7	5	-	-	-	2-3	2-3	4000	996.6	-20	ESE	7	C	41	75	7	5	7	-	4-6										

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Monday, 5th February, 1940.
No. 28564.

OBSERVATIONS at 13h. G.M.T. 4th February														OBSERVATIONS at 18h. G.M.T. 4th February														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at at mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity. 0-9	Cloud.			Barom. at at mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity. 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.									
				Direc. 0-12	Force.					Form.	Amount.	Height of Base. (feet)			Direc. 0-12	Force.					Form.	Amount.	Height of Base. (feet)			7h.—13h. 4th.	13h.—18h. 4th.	18h. At to 1h.—5th.	1h.—7h. 5th.						
																														Low.	Med.	High	Low	Total 0-10	Low
1	London (Kew)...	996.0	0	SW	2	7/10	44	97	4	5	-	-	10	10	1500	996.6	+24	SSW	2	7/10	44	97	4	5	-	-	10	10	1500	4	*	c Frig. r	and cm	cm	
	Croydon ...	997.3	+2	SW	3	7/10	44	97	4	6	2	-	7-8	10	1500	997.9	+18	S	3	7/10	43	97	3	5	-	-	10	10	1500	2	*	c Frig. r	and cm	cm	
	S. Farnborough	996.1	+2	SW	3	7/10	48	97	6	5	7	-	7-8	9+	2500	996.4	+14	SSW	3	7/10	45	97	6	5	3	-	1	3	1500	2	*	c Frig. r	and cm	cm	
	Boscombe Down	997.2	+10	SW	2	7/10	47	97	6	5	2	-	7-8	10	800	997.5	+16	SSW	2	7/10	46	97	6	5	-	-	10	10	1500	1	*	c Frig. r	and cm	cm	
	Calshot (Soton.)	997.3	+2	SW	3	7/10	43	97	1	-	-	-	10	10	1500	997.8	+20	SSW	2	7/10	42	97	3	5	-	-	10	10	1500	4	*	c Frig. r	and cm	cm	
	Lympne	997.3	+2	SW	3	7/10	43	97	1	-	-	-	10	10	1500	997.8	+20	SSW	2	7/10	42	97	3	5	-	-	10	10	1500	4	*	c Frig. r	and cm	cm	
	Manston	998.7	+2	SSW	2	7/10	42	97	1	-	-	-	10	10	1500	1000.7	+12	N	3	7/10	41	97	3	5	3	-	9	9+	1500	6	*	c Frig. r	and cm	cm	
2	Shoeburyness ...	997.2	0	SE	3	7/10	40	97	4	5	-	-	10	10	1500	1001.2	+14	SE	2	7/10	44	97	4	5	-	-	10	10	1500	6	*	c Frig. r	and cm	cm	
	Felixstowe	998.2	-2	SE	3	7/10	38	97	3	-	-	-	10	10	1500	999.0	+10	SE	2	7/10	43	97	2	-	-	-	10	10	1500	6	2	c Frig. r	and cm	cm	
	Gorleston	997.3	-6	SE	5	7/10	36	97	4	5	-	-	10	10	800	1000.5	+8	SE	1	7/10	36	97	3	5	-	-	10	10	1500	6	*	c Frig. r	and cm	cm	
	Mildenhall	997.2	-2	SE	3	7/10	36	97	4	5	-	-	10	10	220	999.2	+16	S	2	7/10	38	97	1	-	-	-	10	10	1500	6	*	c Frig. r	and cm	cm	
	Cranwell	997.2	-2	SE	3	7/10	36	97	4	5	-	-	10	10	220	999.2	+16	S	2	7/10	38	97	1	-	-	-	10	10	1500	6	*	c Frig. r	and cm	cm	
3	Birmingham	996.8	+6	-	0	F	37	97	1	-	-	-	10	10	1500	999.3	+16	-	0	7/10	38	97	0	-	-	-	10	10	1500	3	*	c Frig. r	and cm	cm	
	Upper Heyford	996.8	+2	SSW	1	7/10	40	97	1	-	-	-	10	10	1500	999.5	+24	-	0	7/10	39	97	1	-	-	-	10	10	1500	6	*	c Frig. r	and cm	cm	
4	Ross-on-Wye ...	995.9	+6	W	1	7/10	39	97	2	5	-	-	10	10	1500	998.8	+14	-	0	7/10	36	97	1	5	-	-	10	10	1500	1	*	c Frig. r	and cm	cm	
5	Hartland Point	994.1	+12	SW	4	7/10	48	97	7	8	-	-	4-6	9	1500	997.5	+20	SSW	4	7/10	48	97	7	8	-	3	7-8	1500	1	3	c Frig. r	and cm	cm		
	Bristol ...	995.7	+8	SW	3	7/10	50	97	7	9	3	-	4-6	9	1500	997.0	+20	SSW	2	7/10	48	97	7	8	-	3	7-8	1500	1	3	c Frig. r	and cm	cm		
	Portland Bill	996.4	+12	SW	3	7/10	45	97	7	9	3	-	4-6	9	1500	1000.4	+18	SSW	3	7/10	44	97	7	8	-	3	7-8	1500	1	4	c Frig. r	and cm	cm		
	Plymouth	996.5	+10	SW	4	7/10	50	97	7	9	3	-	4-6	9	1500	999.3	+22	SSW	3	7/10	47	97	7	8	-	3	7-8	1500	1	4	c Frig. r	and cm	cm		
	The Lizard	996.4	+16	SW	4	7/10	49	97	8	8	6	-	7-8	7-8	2500	999.0	+4	SW	3	7/10	47	97	8	8	4	-	4-6	1500	1	3	c Frig. r	and cm	cm		
	Scilly (St. Mary's)	995.3	+4	SW	4	7/10	53	97	7	9	4	-	2-3	4-6	2500	997.4	+14	SSW	3	7/10	48	97	7	8	6	3	4-6	1500	1	3	c Frig. r	and cm	cm		
	Guernsey	998.2	+10	SW	3	7/10	51	97	7	9	4	-	2-3	4-6	2500	1000.6	+20	SW	3	7/10	48	97	7	8	4	-	2-3	4-6	1500	1	3	c Frig. r	and cm	cm	
6	Pembroke	994.1	+16	SW	2	7/10	48	97	7	8	-	-	7-8	7-8	2500	997.3	+20	SW	3	7/10	46	97	7	8	4	-	2-3	4-6	1500	1	2	c Frig. r	and cm	cm	
7	Holyhead	992.6	+12	SE	4	7/10	46	97	7	8	-	-	9+	10	450	995.8	+18	SE	2	7/10	45	97	3	5	-	-	10	10	1500	1	1	c Frig. r	and cm	cm	
	Chester (Sealand)	995.6	+16	SE	2	7/10	36	97	4	-	-	-	10	10	800	998.0	+18	SE	2	7/10	36	97	4	-	-	-	10	10	1500	6	*	c Frig. r	and cm	cm	
8	Manchester	996.4	+6	E-N	3	7/10	37	97	3	-	-	-	10	10	800	998.6	+22	NE	1	7/10	37	97	2	-	-	-	10	10	800	6	*	c Frig. r	and cm	cm	
10	Spurn Head	999.0	+2	SSE	2	7/10	33	97	4	5	-	-	10	10	800	999.2	+10	ESE	4	7/10	34	97	3	-	-	-	10	10	1500	6	3	c Frig. r	and cm	cm	
	Catterick	1000.2	-4	SE	8	7/10	37	97	6	6	-	-	10	10	1500	1000.7	+10	SE	6	7/10	37	97	6	6	-	-	10	10	1500	1	4	c Frig. r	and cm	cm	
	Tynemouth	1000.2	-4	SE	8	7/10	37	97	6	6	-	-	10	10	1500	1000.7	+10	SE	6	7/10	37	97	6	6	-	-	10	10	1500	1	4	c Frig. r	and cm	cm	
11	St. Abbs Head	997.8	-12	SE	8	7/10	37	97	7	8	2	-	7-8	10	1500	998.6	+6	SE	8	7/10	37	97	6	8	2	-	7-8	10	1500	1	5	c Frig. r	and cm	cm	
	Leuchars	999.6	-2	SE	7	7/10	39	97	6	5	-	-	10	10	800	999.8	+2	SE	7	7/10	39	97	6	5	-	-	10	10	800	6	*	c Frig. r	and cm	cm	
12	Renfrew (Abbots L.)	997.0	+4	E-S	3	7/10	37	97	4	5	2	-	9	10	1500	998.1	+12	E-N	3	7/10	35	97	4	5	2	-	3+	10	1500	6	*	c Frig. r	and cm	cm	
	Eskdalemuir	996.8	+4	SE	6	7/10	34	97	6	-	-	-	10	10	450	999.3	+24	E-N	1	7/10	33	97	5	-	-	-	10	10	220	9	*	c Frig. r	and cm	cm	
	Point of Ayre	996.8	+4	SE	6	7/10	34	97	6	-	-	-	10	10	450	999.3	+24	E-N	1	7/10	33	97	5	-	-	-	10	10	220	9	*	c Frig. r	and cm	cm	
13A	Tiree ...	996.3	+8	SE	7	7/10	40	97	7	8	-	-	10	10	1500	998.8	+16	SE	6	7/10	39	97	7	8	-	-	3+	9+	1500	0	4	c Frig. r	and cm	cm	
13B	Stornoway	993.0	-10	SE	7	7/10	44	97	8	5	7	-	4-6	9+	4000	995.3	+14	SE	6	7/10	43	97	6	5	2	-	2-3	10	2500	1	3	c Frig. r	and cm	cm	
15	Dalwhinnie	996.0	-6	SE	9	7/10	32	97	3	6	-	-	10	10	220	997.0	+26	SE	9	7/10	32	97	3	6	-	-	10	10	220	9	*	c Frig. r	and cm	cm	
	Aberdeen	1002.8	+2	SE	5	7/10	36	97	6	6	-	-	10	10	1500	1003.4	+6	SE	5	7/10	36	97	6	6	-	-	10	10	1500	6	3	c Frig. r	and cm	cm	
	Wick	1002.1	-4	SE	9	7/10	37	97	6	6	2	-	9	10	800	1001.9	+4	SE	8	7/10	38	97	6	5	2	-	7-8	10	800	1	4	c Frig. r	and cm	cm	
16	Lerwick...	1008.1	-2	SSE	8	7/10	33	97	6	8	2	-	7-8	10	800	1008.3	+2	SSE	8	7/10	33	97	6	5	2	-	7-8	10	800	4	*	c Frig. r	and cm	cm	
17	Blackod Point...	999.4	+22	S	2	7/10	40	97	8	3	-	-	2-3	7-8	800	999.0	+20	SW	2	7/10	48	97	7	3	6	-	2-3	4-6	220	0	3	c Frig. r	and cm	cm	
18	Malin Head	999.7	+14	S	4	7/10	45	97	7	8	2	-	7-8	9	1500	999.8	+14	S	3	7/10	44	97	8	4	-	1	4-6	4-6	5						

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M. 5th February, 1940.
1 S.E. England	Wind light southwest, backing and increasing; mainly cloudy, local fog tonight and in early morning; average temperature.
2 E. England ...	
3 E. Midlands ...	Wind light variable, becoming south moderate; mainly cloudy; local rain and fog; average temperature or rather cold.
4 W. Midlands ...	
5 S.W. England	Wind west light, backing south increasing to fresh or strong on coast; fair today; some rain tomorrow; average temperature becoming rather mild.
6 South Wales ...	
7 North Wales ...	Wind variable light, becoming southerly and increasing; dull; occasional rain or drizzle; rather cold, temperature rising tomorrow.
8 N.W. England	
9 N. Midlands ...	Wind southeast moderate, fresh on coast; dull, slight rain; rather cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 7 - 9.
13 { A.W.Scotld. B.N.W.Scotland.	Wind southeast to south, moderate or fresh; cloudy or dull; occasional rain; rather cold.
14 Mid Scotland	
15 N. E. Scotland	Southeast gale; cloudy, slight rain or sleet at times; rather cold.
16 Orkneys and Shetlands	
17 N.W. Ireland	Wind light westerly, backing south and increasing; fair today, rain later; temperature rising.
18 N. E. Ireland	
19 S. E. Ireland	Wind light westerly, backing south and increasing to strong; fair at first, rain later; becoming rather mild.
20 S. W. Ireland	

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

GENERAL INFERENCE.

An anticyclone persists over Scandinavia. A complex depression covers the North Atlantic and an almost stationary trough of low pressure from Iceland to Southwest Scotland and East Anglia is filling up. A new disturbance will approach Ireland from the Southwest. In Scotland and Northern England weather will be dull and cold with slight rain or drizzle and rather widespread fog. Weather will be mainly fair elsewhere apart from fog inland tonight, but further rain is likely to spread from the southwest later.

FURTHER OUTLOOK.

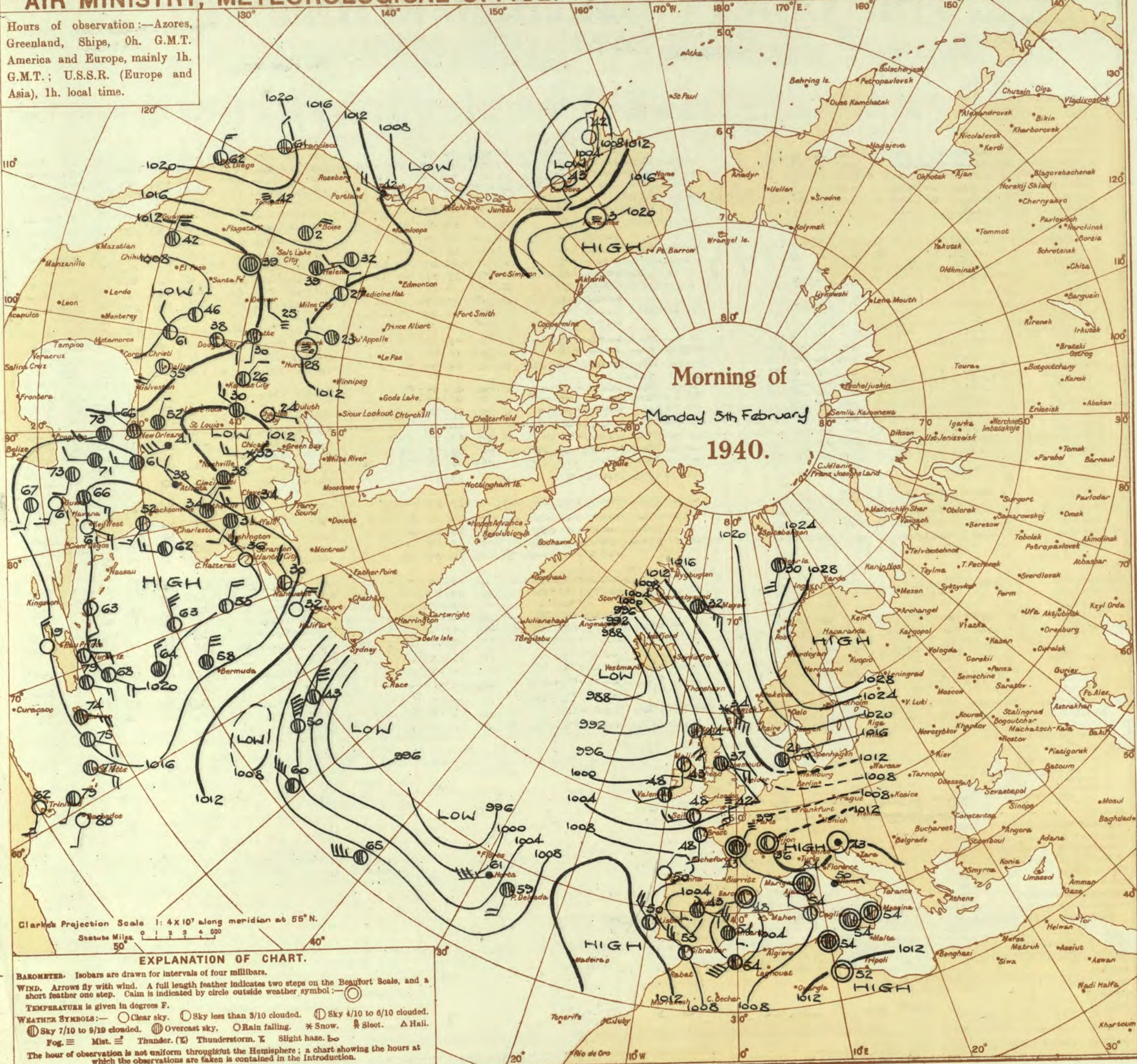
Occasional rain in most districts; mild in the Southwest, rather cold in the Northeast. Warning of southeasterly gale still in operation in districts 15 and 16.

Forecast issued at
H.M.S.G. From Cornwall House, S.E.

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 5th February 1940.

No. 28564

OBSERVATIONS at 1 hr. G.M.T. 5th February														OBSERVATIONS at 7 hr. G.M.T. 5th February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					State of Ground.	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.						
																																0-12	0-10	0-10		0-10	0-10
1	London (Kew) ... 18	217	1003.5	+12	S	3	f	42	97	2	-	-	-	-	1007.0	+20	-	0	0	0	40	97	1	-	-	-	-	-	4	*	45	39	36	3	0.3	0.0	
	Croydon ... 217	1003.5	+12	S	3	f	42	97	2	-	-	-	-	-	1007.1	+16	S	1	0	0	41	97	2	-	-	-	-	-	1	*	45	41	39	3	0.0	0.0	
	S. Farnborough ... 226	1004.0	+20	SSW	2	-	f	41	97	3	-	-	-	-	1006.5	+14	-	0	0	0	41	97	1	-	-	-	-	-	1	*	43	40	37	3	0.2	0.0	
	Boscombe Down ... 417	1003.5	+18	SW	2	-	f	41	97	3	-	-	-	-	1006.3	+18	SE	2	0	0	40	97	1	-	-	-	-	-	1	*	43	39	37	3	0.6	0.3	
	Calshot (Stmntn.) ... 8	1003.8	+14	SSW	2	-	f	41	97	3	-	-	-	-	1008.1	+14	SWW	2	0	0	41	97	1	-	-	-	-	-	1	*	44	40	36	2	0.5	0.0	
	Lympe ... 346	1015.3	+14	SWW	2	-	f	41	97	2	-	-	-	-	1007.2	+18	-	0	0	0	40	97	0	-	-	-	-	-	1	*	44	38	37	2	0.1	0.0	
	Manston ... 154	1004.0	+14	W	3	-	f	41	97	1	-	-	-	-	1007.2	+18	-	0	0	0	40	97	0	-	-	-	-	-	1	*	44	38	37	2	0.1	0.0	
2	Shoeburyness ... 11	1003.4	+18	-	0	0	f	38	97	1	-	-	-	-	1007.2	+18	-	0	0	0	38	97	1	-	-	-	-	-	1	*	44	40	31	2	-	0.0	
	Felixstowe ... 15	1003.4	+18	-	0	0	f	38	97	1	-	-	-	-	1006.9	+14	-	0	0	0	38	97	1	-	-	-	-	-	1	*	38	35	33	5	0.5	0.0	
	Gorleston ... 5	1003.3	+16	-	0	0	f	37	97	2	-	-	-	-	1006.4	+12	-	0	0	0	35	97	2	-	-	-	-	-	1	*	38	35	35	3	1	0.0	
	Mildenhall ... 19	1002.5	+14	SW	2	-	f	38	97	1	-	-	-	-	1006.3	+20	SW	2	0	0	37	97	4	-	-	-	-	-	1	*	38	36	34	2	2	0.0	
	Cranwell ... 240	1002.5	+10	-	0	0	f	34	97	1	-	-	-	-	1006.1	+16	-	0	0	0	33	97	1	-	-	-	-	-	1	*	34	33	32	5	0.1	0.0	
3	Birmingham ... 535	1002.3	+16	-	0	0	f	38	97	1	-	-	-	-	1006.3	+18	-	0	0	0	37	97	1	-	-	-	-	-	1	*	39	36	33	3	0.3	0.0	
	Upper Heyford ... 408	1002.3	+16	-	0	0	f	38	97	1	-	-	-	-	1006.5	+12	-	0	0	0	36	97	1	-	-	-	-	-	1	*	41	35	31	2	0.4	0.0	
4	Ross-on-Wye ... 223	1002.3	+16	-	0	0	f	38	97	1	-	-	-	-	1006.0	+14	-	0	0	0	36	97	1	-	-	-	-	-	1	*	39	34	32	3	2	0.0	
5	Hartland Point ... 299	1001.5	+14	SW	2	-	bc	47	97	7	5	2	-	-	1005.6	+22	SW	3	0	0	45	97	7	5	2	-	-	-	1	3	48	44	43	1	0.2	0.9	
	Bristol ... 209	1003.1	+18	-	0	0	bc	39	97	6	7	-	-	-	1006.1	+22	-	0	0	0	39	97	3	5	-	-	-	-	1	*	*	*	31	-	0.5	1.6	
	Portland Bill ... 32	1003.0	+14	SW	3	-	bc	44	97	7	5	-	-	-	1006.3	+10	WSW	3	0	0	44	97	7	5	-	-	-	-	1	4	45	42	*	2	0.0	0.0	
	Plymouth ... 82	1002.9	+18	S	4	-	bc	48	97	7	5	-	-	-	1006.3	+10	WSW	3	0	0	44	97	7	5	-	-	-	-	1	4	45	42	*	2	0.0	0.0	
	The Lizard ... 240	1003.0	+20	SW	4	-	bc	47	97	6	5	-	-	-	1006.5	+20	WSW	3	0	0	47	97	8	4	-	-	-	-	1	2	52	45	*	0.5	3.5		
	Scilly (St. Mary's) ... 163	1002.3	+18	WS	3	-	bc	48	97	8	5	-	-	-	1006.1	+18	WS	3	0	0	48	97	8	-	-	-	-	-	1	3	54	46	*	0.1	4.3		
	Guernsey ... 175	1004.2	+18	SW	3	-	bc	46	97	7	-	-	-	-	1007.0	+20	W	2	0	0	47	97	6	-	-	-	-	-	1	3	52	46	38	0.1	2.9		
6	Pembroke ... 142	1001.5	+16	SW	2	-	bc	44	97	7	8	-	-	-	1006.0	+20	WNW	3	0	0	45	97	7	8	-	-	-	-	1	2	48	43	*	2	0.8	0.0	
7	Holyhead ... 26	1000.0	+18	SSE	2	-	bc	45	97	4	5	-	-	-	1004.0	+20	SW	2	0	0	45	97	4	5	-	-	-	-	1	1	46	43	42	0.5	3	0.0	
	Chester (Sealand) ... 16	1002.0	+16	SE	2	-	bc	35	97	3	5	-	-	-	1004.3	+16	SE	1	0	0	36	97	3	5	-	-	-	-	1	1	38	35	32	3	2	0.0	
8	Manchester ... 70	1002.1	+14	NE	1	-	bc	36	97	2	5	-	-	-	1005.4	+16	SE	1	0	0	36	97	2	-	-	-	-	-	1	1	38	35	32	0.4	2	0.0	
10	Spurn Head ... 29	1003.0	+14	-	0	0	f	34	97	1	-	-	-	-	1006.3	+12	-	0	0	0	33	97	1	-	-	-	-	-	1	0	34	33	*	4	-	0.0	
	Catterick ... 175	1003.4	+16	SE	4	-	c/r	37	97	6	6	-	-	-	1006.7	+14	S	2	0	0	37	97	4	5	-	-	-	-	1	3	38	36	34	6	4	*	
	Tynemouth ... 108	1003.4	+16	SE	4	-	c/r	37	97	6	6	-	-	-	1006.7	+14	S	2	0	0	37	97	4	5	-	-	-	-	1	3	38	36	34	6	4	*	
11	St. Abbs Head ... 280	1003.2	+16	SSE	4	-	bc	34	97	6	8	2	-	-	1005.7	+14	SE	4	0	0	37	97	6	8	2	-	-	-	1	3	37	34	*	3	6	*	
	Leuchars ... 36	1003.3	+10	ESE	3	-	bc	38	97	6	5	-	-	-	1006.2	+14	ESE	2	0	0	37	97	6	5	-	-	-	-	1	*	36	35	*	2	0.0	0.0	
12	Benfrew (Abbots I.) ... 19	1003.2	+18	ESE	2	-	bc	36	97	4	5	-	-	-	1006.5	+18	ESE	1	0	0	35	97	6	5	-	-	-	-	1	*	39	34	31	5	0.5	0.0	
	Eskdalemuir ... 794	1003.2	+18	ESE	2	-	bc	36	97	4	5	-	-	-	1007.8	+12	NE	2	0	0	33	97	6	5	-	-	-	-	1	*	36	*	*	5	*	*	
	Point of Ayre ... 30	1003.2	+18	ESE	2	-	bc	36	97	4	5	-	-	-	1007.8	+12	NE	2	0	0	33	97	6	5	-	-	-	-	1	*	36	*	*	5	*	*	
13A	Tiree ... 22	1003.2	+18	ESE	2	-	bc	36	97	4	5	-	-	-	1006.5	+18	ESE	1	0	0	35	97	6	5	-	-	-	-	1	*	39	34	31	5	0.5	0.0	
13B	Stornoway ... 80	1003.2	+18	ESE	2	-	bc	36	97	4	5	-	-	-	1006.5	+18	ESE	1	0	0	35	97	6	5	-	-	-	-	1	*	39	34	31	5	0.5	0.0	
15	Dalwhinnie ... 1176	1003.2	+18	ESE	2	-	bc	36	97	4	5	-	-	-	1006.5	+18	ESE	1	0	0	35	97	6	5	-	-	-	-	1	*	39	34	31	5	0.5	0.0	
	Aberdeen ... 79	1003.2	+18	ESE	2	-	bc	36	97	4	5	-	-	-	1006.5	+18	ESE	1	0	0	35	97	6	5	-	-	-	-	1	*	39	34	31	5	0.5	0.0	
	Wick ... 81	1003.8	+16	SE	8	-	bc	38	97	6	5	2	-	-	1008.0	+18	SE	4	0	0	36	97	6	5	-	-	-										

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 5th February, 1940.

No. 28565.

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

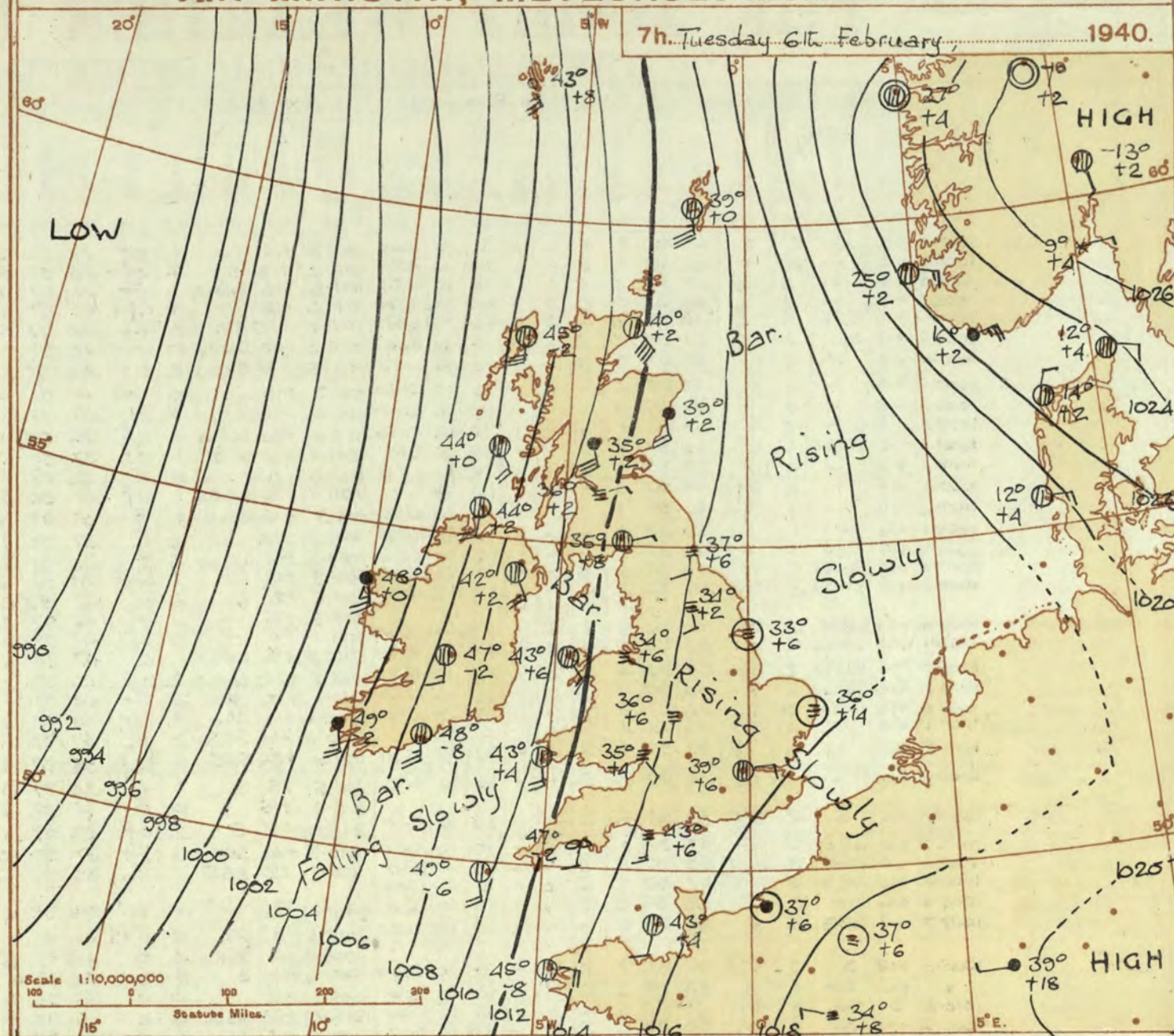
OBSERVATIONS at 18h. G.M.T. 5th February

PAST 24 HOURS.

DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.											
				Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Form. (23)	Amount. (24)			Height of Base. (feet) (28)	Direc. (17)					Force (18)	Form. (23)	Amount. (24)	Height of Base. (feet) (28)	7h.—13h. 5th (37)			13h.—18h. 5th (38)	18h.—5th 6th (39)	1h.—7h. 6th (40)									
																																	Low. (11)	Med. (12)	High (13)	Low 0-10 (25)	Med. (26)	High (27)			
																																							Low. (11)	Med. (12)	High (13)
1	London (Kew)...	1009.1	+2	SW	2	N	47	92	5	5	-	-	10	10	1500	1011.5	+14	W	1	of	44	92	2	5	-	-	10	10	1500	1	*	off	FFem	cmc	ff	of	Fe	off			
	Croydon ...	1008.9	+2	-	0	3	45	97	4	5	-	-	7-8	10	450	1011.2	+12	S	2	of	43	97	2	5	-	-	10	10	1500	1	*	off	FFem	cmc	ff	of	Fe	off			
	S. Farnborough	1008.9	+6	-	0	2	45	97	2	5	1	-	10	10	450	1011.8	+16	WSW	1	F	41	97	1	5	-	-	10	10	450	2	*	FF	irfo	cmc	ff	of	Fe	off			
	Boscombe Down	1008.5	+6	-	0	0	46	97	6	8	7	-	4-6	7-8	2500	1011.3	+12	-	0	CF	45	97	3	5	-	-	7-8	7-8	4000	1	*	FF	cmo	cmc	ff	of	Fe	off			
	Calshot (Soton.)	1009.3	+6	SSW	2	0	43	97	6	8	3	-	4-6	7-8	220	1011.4	+18	SW	2	2o	44	97	6	5	-	-	9-1	9-1	4000	1	1	om	cmo	cmc	ff	of	Fe	off			
	Lympne	1010.5	+8	SW	1	-	44	97	5	5	-	-	10	10	800	1012.3	+10	SW	1	F	42	97	1	-	-	-	10	10	450	4	0	FF	cmo	cmc	ff	of	Fe	off			
	Manston	1010.0	+8	N	2	0	43	97	2	5	-	-	10	10	450	1011.8	+10	SW	2	F	42	97	1	-	-	-	10	10	450	1	*	of	FF	cmo	cmc	ff	of	Fe	off		
2	Shoeburyness ...	1009.4	+4	-	0	4	42	97	2	-	-	-	10	10	1500	1011.7	+10	-	0	CF	41	97	2	5	-	-	7-8	7-8	450	1	*	f	FF	cmo	cmc	ff	of	Fe	off		
	Felixstowe	1009.5	+6	-	0	0	39	97	1	-	-	-	10	10	450	1011.0	-14	-	0	F	37	97	1	-	-	-	10	10	450	8	1	OFF	FF	cmo	cmc	ff	of	Fe	off		
	Gorleston	1009.3	+8	-	0	0	39	92	1	-	-	-	10	10	450	1012.0	+20	SW	1	CF	36	85	1	-	-	-	10	10	450	6	1	OFF	FF	cmo	cmc	ff	of	Fe	off		
	Mildenhall	1009.3	-2	WSW	1	0	38	97	2	5	-	-	10	10	220	1011.1	+14	E/S	1	df	37	97	1	-	-	-	10	10	450	6	*	OFF	FF	cmo	cmc	ff	of	Fe	off		
	Cranwell	1009.1	+6	-	0	0	35	97	1	-	-	-	10	10	450	1011.3	0	-	0	F	35	97	1	-	-	-	10	10	450	6	*	OFF	FF	cmo	cmc	ff	of	Fe	off		
3	Birmingham	1009.2	+4	-	0	CF	43	97	3	-	3	-	0	9-1	-	1011.1	+36	WSW	1	of	41	92	3	5	-	-	10	10	1500	9	*	FF	cmo	cmc	ff	of	Fe	off			
	Upper Heyford	1009.2	+6	-	0	FF	41	97	1	-	-	-	10	10	450	1011.9	+16	SW	1	F	37	97	1	-	-	-	10	10	450	6	*	FF	cmo	cmc	ff	of	Fe	off			
4	Ross-on-Wye ...	1009.1	+6	W	1	0	39	97	1	-	-	-	10	10	450	1011.5	+12	-	0	F	37	97	1	-	-	-	10	10	450	4	*	FF	cmo	cmc	ff	of	Fe	off			
5	Hartland Point	1008.8	+14	SW	3	FF	46	97	1	-	-	-	10	10	450	1010.6	+14	WSW	3	f	45	97	2	-	-	-	10	10	450	1	2	bc	FF	cmo	cmc	ff	of	Fe	off		
	Bristol ...	1009.4	+10	WNW	2	0	48	97	6	5	-	-	9	9	1500	1011.8	+18	W	1	bc	42	97	6	5	-	-	2-3	2-3	2500	1	3	bc	FF	cmo	cmc	ff	of	Fe	off		
	Portland Bill	1009.2	+8	WNW	3	bc	45	97	8	4	-	-	4-6	4-6	4000	1011.6	+20	W	3	bc	45	85	8	4	-	-	4-6	4-6	4000	1	3	bc	FF	cmo	cmc	ff	of	Fe	off		
	Plymouth	1009.4	+14	WSW	2	bc	51	92	8	6	-	-	4-6	4-6	2500	1011.5	+16	-	0	df	46	97	2	-	-	-	10	10	450	1	1	bc	FF	cmo	cmc	ff	of	Fe	off		
	The Lizard	1009.1	+14	WNW	2	0	53	92	8	4	-	-	4-6	4-6	2500	1011.1	+8	-	0	bc	47	97	8	4	-	-	4-6	4-6	2500	1	2	ff	bc	cmo	cmc	ff	of	Fe	off		
	Scilly (St. Mary's)	1009.3	+14	SW	2	m	49	92	4	5	2	-	7-8	10	800	1010.9	+12	WSW	1	C	47	92	7	5	6	-	-	7-8	7-8	2500	1	2	bc	FF	cmo	cmc	ff	of	Fe	off	
	Guernsey	1009.3	+14	SW	2	m	49	92	4	5	2	-	7-8	10	800	1012.2	+22	WNW	2	of	46	97	1	5	-	-	-	-	10	10	450	1	4	bc	FF	cmo	cmc	ff	of	Fe	off
6	Pembroke	1009.2	+16	WS	2	F	44	97	1	-	-	-	10	10	450	1010.4	+12	SW	2	F	44	97	1	-	-	-	10	10	450	1	2	CF	FF	cmo	cmc	ff	of	Fe	off		
7	Holyhead	1007.6	+8	SW	3	bc	46	97	6	5	-	-	9-1	9-1	2500	1009.4	+14	SW	2	CF	44	97	6	6	-	-	-	-	9-1	9-1	800	1	1	FF	cmo	cmc	ff	of	Fe	off	
	Chester (Sealand)	1007.0	+4	-	0	0	46	75	4	-	3	-	0	2-3	-	1010.4	+14	SE	2	1/2	37	92	4	5	-	-	4-6	4-6	5700	6	*	CF	FF	cmo	cmc	ff	of	Fe	off		
8	Manchester	1008.2	+6	-	0	CF	37	97	1	5	3	-	10	10	1500	1011.0	+36	SE	1	bc	38	97	2	5	3	-	-	2-3	2-3	4000	6	*	CF	FF	cmo	cmc	ff	of	Fe	off	
10	Spurn Head	1009.6	+6	-	0	CF	36	97	3	5	-	-	10	10	450	1011.5	+8	B	1	f	34	97	3	-	-	-	10	10	450	6	0	FF	cmo	cmc	ff	of	Fe	off			
	Catterick	1009.7	+8	S	2	CF	38	97	5	5	-	-	10	10	1500	1011.3	+16	-	0	f	35	97	2	-	-	-	10	10	450	6	3	om	FF	cmo	cmc	ff	of	Fe	off		
	Tynemouth	1009.7	+8	S	2	CF	38	97	5	5	-	-	10	10	1500	1012.0	+16	S	2	of	36	97	2	5	-	-	-	-	10	10	1500	1	3	om	FF	cmo	cmc	ff	of	Fe	off
11	St. Abbs Head	1008.7	+10	SSE	2	F	37	97	1	-	-	-	10	10	450	1010.7	+14	SSE	3	F	37	97	0	-	-	-	-	10	10	450	1	2	FF	cmo	cmc	ff	of	Fe	off		
	Leuchars	1008.8	+4	ESE	3	bc	39	97	5	6	-	-	10	10	800	1010.7	+10	ESE	1	2o	39	97	5	5	-	-	-	-	10	10	800	1	*	cm	FF	cmo	cmc	ff	of	Fe	off
12	Renfrew (Abbots L.)	1009.4	+10	NE	2	CF	37	92	5	5	2	-	9	10	1500	1010.6	+16	-	0	0	35	92	4	5	-	-	-	-	10	10	220	6	*	om	FF	cmo	cmc	ff	of	Fe	off
	Eskdalemuir	1008.2	+6	-	0	0	35	92	5	5	-	-	10	10	800	1010.6	+16	-	0	0	35	92	4	5	-	-	-	-	10	10	220	6	*	om	FF	cmo	cmc	ff	of	Fe	off
	Point of Ayre	1007.7	+4	SSE	3	f	41	97	2	-	-	-	10	10	450	1009.4	+8	SSE	4	F	41	*	1	-	-	-	-	10	10	450	4	2	FF	cmo	cmc	ff	of	Fe	off		
13A	Tiree	1005.0	+12	3	5	CF	45	85	7	5	7	-	9	10	2500	1006.4	+6	SSE	4	0	43	97	6	5	-	-	-	-	10	10	800	1	4	cd	FF	cmo	cmc	ff	of	Fe	off
13B	Stornoway	1005.0	+6	SE	4	C	34	97	5	5	-	-	10	10	800	1006.4	+10	B	5	0	44	92	6	5	-	-	-	-	10	10	1500	1	3	cd	FF	cmo	cmc	ff	of	Fe	off
15	Dalwhinnie	1010.3	0	SE	4	CF	37	92	6	6	-	-	10	10	1500	1009.5	+14	-	0	0	35	92	5	5	-	-	-	-	10	10	1500	9	*	C	FF	cmo	cmc	ff	of	Fe	off
	Aberdeen	1010.3	0	SE	4	CF	37	92	6	6	-	-	10	10	1500	1012.0	+12	SSE	3	C	38	92	5	5	-	-	-	-	1	10	2500	1	2	CF	FF	cmo	cmc	ff</			

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 6th February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th February, 1940.
1 S.E. England	Light south or southeast wind becoming moderate; dull; much mist or fog; visibility improving slowly; rather mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Freshening south wind; cloudy, occasional rain later; local fog; rather mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Freshening southeast wind; dull, occasional light rain or drizzle; local fog; average temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Fresh south wind, strong on coasts; cloudy, some rain, local fog; rather mild.
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	Fresh strong southeast wind, gale locally on coasts; dull, occasional rain; local fog; average temperature.
15 N. E. Scotland	
16 Orkneys and Shetlands	Fresh south wind, strong on coasts; cloudy, occasional rain, mild.
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 belt of high pressure extends from Scandinavia across Central Europe to East Spain and pressure is low on the Atlantic. There will be occasional rain or drizzle in the West and North. Elsewhere it will be cloudy with much mist or fog, although less dense than of late.

FURTHER OUTLOOK.

Occasional rain; less fog.

Forecasts issued at 1100 G.M.T.

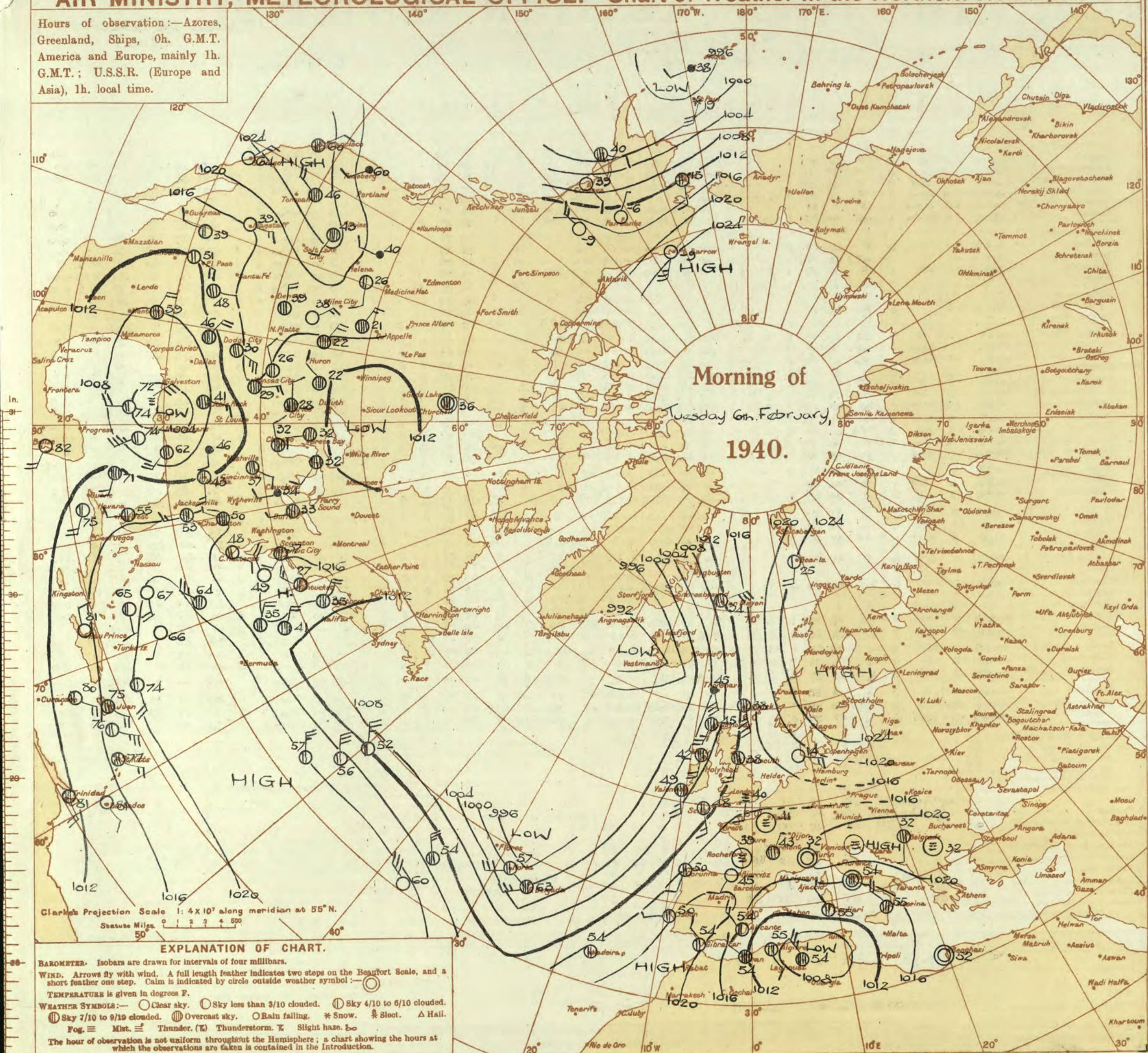
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

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

2475/6827 Hk. 8108. D. 7400. 2475/6827. 2475/6827.

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday, 6th February, 1940.
No. 28565

OBSERVATIONS at 1 hr. G.M.T. 5th February														OBSERVATIONS at 7 hr. G.M.T. 6th February														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				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.	TEMPERATURE.					RAINFALL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					Dir.	Force.					Low.	Med.	High.	Low.			Med.	High.					Low.	Med.	High.	Low.			Med.	High.					State of Ground.	Sea.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.	Sun-shine Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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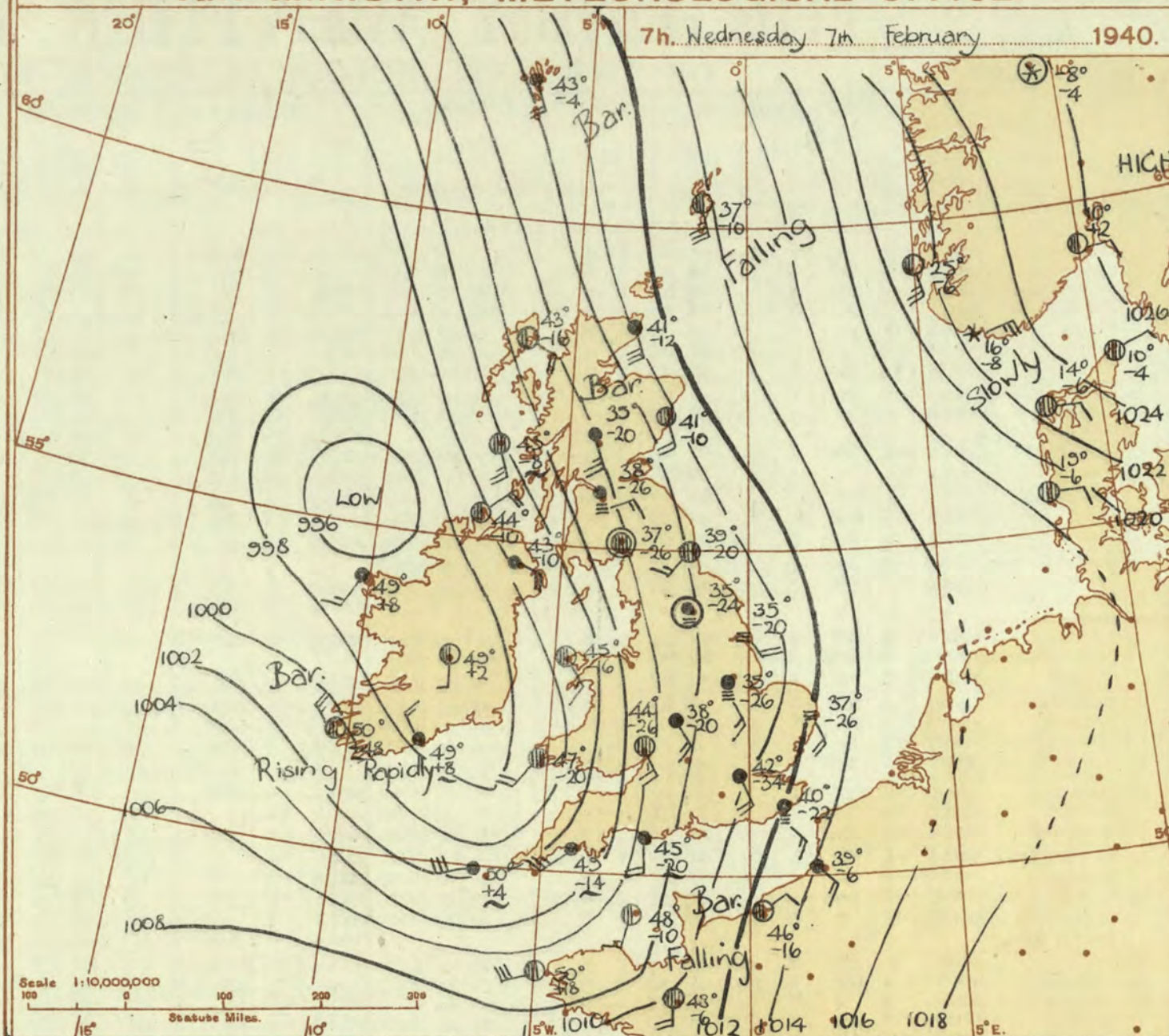
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 6 February														OBSERVATIONS at 18h. G.M.T. 6th February														PAST 24 HOURS.							
District.	STATIONS. (For heights see p. 4.)	Barom. 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. (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)	Med. (10)	High (11)	Low (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Direc. (17)					Force 0-12 (18)	Form. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	7h.-13h. 6th..... (37)	13h.-18h. 6th..... (38)	18h. to 1h. 7th.... (39)	1h.-7h. 7th..... (40)
1	London (Kew)...	1016.1	-4	SE	2	z	44	92	5	-	-	10	10	1500	1015.4	0	SE	3	m	43	92	4	5	-	-	10	10	1500	1	*	cFFm.	cm	cm	cm	cm
	Croydon ...	1016.0	0	SSE	2	z	44	97	6	5	-	10	10	800	1015.6	-2	SE	2	Of	43	97	2	5	-	-	10	10	800	1	*	cm	cm	cm	cm	
	S. Farnborough	1016.0	-2	SE	3	z	43	97	6	5	-	10	10	800	1014.8	-2	SE	2	Of	42	97	2	5	-	-	10	10	450	1	*	pd	cm	cm	cm	
	Boscombe Down	1015.2	-2	SW	3	0	44	97	6	5	-	10	10	450	1013.7	-6	SSE	3	z	42	97	6	5	-	-	10	10	450	1	*	dFFm	cm	cm	cm	
	Calshot (Soton.)	1015.6	0	SE	3	z	42	97	6	5	-	10	10	450	1014.5	-4	SE	3	z	40	97	6	5	-	-	10	10	1500	1	1	id	cm	cm	cm	
	Lympne	1017.6	-2	S	1	F	42	97	2	-	-	-	-	1017.1	-2	SSE	1	F	40	97	2	-	-	-	-	10	10	1500	4	2	Fe	cm	cm	cm	
	Manston	1017.2	+2	SSW	3	z	43	97	6	5	-	10	10	450	1017.0	+2	SSE	2	F	40	97	2	-	-	-	-	10	10	1500	1	*	of	cm	cm	cm
2	Shoeburyness ...	1017.1	+4	SE	1	F	40	97	3	5	-	10	10	2500	1016.8	+4	SW	1	Of	40	97	3	5	-	-	10	10	1500	1	*	cfe	cm	cm	cm	
	Felixstowe	1016.9	+6	-	0	F	38	97	1	-	-	10	10	1150	1016.4	0	SE	2	CF	36	97	1	5	7	-	7.8	10	4000	1	1	OFF	OFF	OFF	OFF	
	Gorleston	1016.2	+6	SW	2	of	42	97	3	5	-	10	10	5700	1015.7	+2	SSE	2	F	39	97	2	-	-	-	10	10	1500	1	1	OFF	OFF	OFF	OFF	
	Mildenhall	1015.8	+4	-	0	F	35	97	1	-	-	10	10	1150	1015.1	+2	SSE	1	dF	34	97	1	-	-	-	10	10	1500	6	*	OFF	OFF	OFF	OFF	
3	Birmingham	1014.6	+2	SSE	1	OF	39	97	1	5	-	10	10	450	1013.7	-2	SE	2	F	39	97	1	-	-	-	10	10	1500	5	*	Fe	Fe	Fe	Fe	
4	Upper Heyford	1015.8	+2	SSE	2	F	41	97	1	-	-	10	10	1150	1015.0	-2	SE	2	F	39	97	1	-	-	-	10	10	1500	5	*	Fe	Fe	Fe	Fe	
	Ross-on-Wye	1014.0	0	SE	2	z	44	97	6	5	1	9	10	1500	1012.7	-6	SE	3	z	41	97	5	5	-	-	10	10	220	6	*	OF	OF	OF	OF	
5	Hartland Point	1010.6	-10	SSE	3	C	48	85	8	7	4	-	7.8	10	1500	1013.0	-2	SE	3	z	44	97	6	5	-	10	10	450	1	*	cm	cm	cm	cm	
	Bristol ...	1014.6	+2	SSE	3	C	46	85	7	5	2	-	7.8	10	800	1012.0	-14	SSE	3	z	44	92	7	3	-	10	10	1500	1	4	cm	cm	cm	cm	
	Portland Bill	1014.6	+2	SSE	3	C	46	85	7	5	2	-	7.8	10	800	1012.0	-14	SSE	3	z	44	92	7	3	-	10	10	1500	1	4	cm	cm	cm	cm	
	Plymouth	1010.4	-16	SSE	5	C	48	97	7	5	2	-	9	10	1500	1007.9	-12	SE	5	id	47	97	3	5	-	10	10	1500	1	3	cm	cm	cm	cm	
	The Lizard	1007.6	-16	SE	5	C	50	92	7	5	2	-	7.8	10	1500	1007.9	-12	SE	5	id	47	97	3	5	-	10	10	1500	1	3	cm	cm	cm	cm	
	Scilly (St. Mary's)	1007.6	-16	SE	5	C	50	92	7	5	2	-	7.8	10	1500	1007.9	-12	SE	5	id	47	97	3	5	-	10	10	1500	1	3	cm	cm	cm	cm	
	Guernsey	1014.2	-8	S	1	OF	45	97	6	5	-	10	10	450	1012.7	-4	SSE	1	0	46	92	6	5	-	-	10	10	1500	1	2	cm	cm	cm	cm	
6	Pembroke	1010.7	-4	SE	5	C	45	85	7	5	2	-	7.8	10	1500	1007.3	-16	SE	7	ir	48	97	7	8	-	9+	9+	1500	1	3	cm	cm	cm	cm	
7	Holyhead	1010.8	-2	SE	4	C	45	85	7	5	2	-	7.8	10	1500	1007.3	-16	SE	7	ir	48	97	7	8	-	9+	9+	1500	1	3	cm	cm	cm	cm	
	Chester (Sealand)	1013.7	+2	SE	2	Of	36	92	3	-	2	-	10	10	450	1012.9	+2	SSE	3	Of	36	92	3	-	2	-	10	10	450	6	*	cm	cm	cm	cm
8	Manchester	1014.4	+2	SE	2	CF	40	92	3	5	3	-	9	10	1500	1012.9	+2	SSE	3	Of	36	92	3	-	2	-	10	10	450	6	*	cm	cm	cm	cm
10	Spurn Head	1016.0	+2	SSE	2	F	35	97	1	-	-	10	10	1500	1015.7	+2	SE	2	F	35	97	0	-	-	-	10	10	1500	6	1	ff	ff	ff	ff	
	Catterick	1015.0	+4	SSW	2	F	34	97	1	-	-	10	10	1500	1014.3	+2	3	2	F	34	97	1	-	-	-	10	10	1500	6	1	ff	ff	ff	ff	
	Tynemouth	1015.1	+2	SSW	3	Of	38	97	3	5	-	10	10	1500	1015.0	+2	SSW	3	Of	37	97	3	5	-	-	10	10	1500	1	2	ff	ff	ff	ff	
11	St. Abbs Head	1013.3	+2	S	2	m	39	97	4	5	6	-	4.6	10	1500	1012.6	-4	8	3	Of	37	97	3	5	1	-	7.8	9+	1500	0	2	cm	cm	cm	cm
	Leuchars	1013.2	+6	NE	1	Of	41	97	4	5	1	-	10	10	1500	1012.6	+2	-	0	Of	38	92	3	5	-	-	10	10	1500	1	*	cm	cm	cm	cm
12	Reufrew (Abbots L.)	1012.5	+2	ENE	1	Of	39	92	3	5	7	-	9+	10	1500	1012.1	+4	EN	2	Of	39	92	3	5	-	-	10	10	2500	4	*	cm	cm	cm	cm
	Eskdalemuir	1013.3	+2	-	0	0	35	97	2	5	-	10	10	1500	1012.2	-2	-	0	m	36	97	4	5	-	-	10	10	220	6	*	cm	cm	cm	cm	
	Point of Ayre	1013.3	+2	-	0	0	35	97	2	5	-	10	10	1500	1010.6	-6	SSE	5	f	40	92	3	-	-	-	10	10	1500	4	2	cm	cm	cm	cm	
13A	Three	1007.2	0	SE	5	C	45	92	7	5	-	9+	9+	2500	1006.8	0	SE	5	C	44	92	6	5	-	-	9+	9+	1500	0	4	cm	cm	cm	cm	
13B	Stornoway	1007.3	0	SSE	6	pr	47	85	7	5	7	-	7.8	9+	2500	1008.0	+2	SE	5	pr	46	85	6	5	7	-	7.8	9+	2500	1	3	cm	cm	cm	cm
15	Dalwhinnie	1012.6	-2	S	5	C	37	85	6	4	4	-	7.8	9+	1500	1012.4	+8	S	4	pr	36	82	4	5	7	-	7.8	10	800	3	*	cm	cm	cm	cm
	Aberdeen	1013.9	+4	SE	3	Of	40	97	2	-	2	-	10	10	2500	1013.8	+2	SE	3	Of	41	97	2	-	2	-	10	10	2500	1	1	cm	cm	cm	cm
	Wick	1011.7	+10	SE	8	Of	40	97	5	5	2	-	9	10	800	1011.8	0	SSE	6	Of	41	97	5	5	2	-	9	10	800	1	3	cm	cm	cm	cm
16	Lerwick	1014.4	+2	SE	7	Of	39	92	6	6	2	-	4.6	10	800	1014.4	-2	SE	7	Of	39	92	6	6	2	-	4.6	10	800	4	*	cm	cm	cm	cm
17	Blackod Point	1002.2	-10	SSE	3	C	48	92	8	8	-	10	10	800	1002.8	-30	ESE	4	rr	47	97	7	6	-	-	10	10	450	1	4	cm	cm	cm	cm	
18	Malin Head	1006.2	+2	S	3	C	48	75	8	5	5	-	2.3	5	5700	1005.0	-4	SE	5	C	46	85	7	4	1	-	4.6	7.8	4000	0	4	cm	cm	cm	cm
	Aldergrove	1008.7	-2	SSE	4	z	47	85	6	5	2	-	9+	10	1500	1007.5	-4	SE	4	z	45	85	6	5	-	-	10	10	800	1	*	cm	cm	cm	cm
19	Birr Castle	1005.1	-8	S	3	C	49	85	7	5	1	-	7.8	10	2500	1002.3	-8	S	4	ir	48	85	7	6	2	-	7.8	10	500	1					

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 7th February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th February, 1940.
1 S.E. England	Moderate or fresh southeast wind, veering southwest; rain at first; bright intervals later; fog on east coast at first, clearing later; rather mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate or fresh southwest wind; bright intervals, local showers; mild.
6 South Wales ...	Moderate or fresh southeast wind, veering south or southwest; rain at first, bright intervals later; rather mild.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Fresh southeast wind, strong on coasts, decreasing; occasional rain, local coast fog; rather mild.
10 N.E. England	
11 S.E. Scotland	Moderate or fresh southeast wind, strong on coasts, decreasing; rain at first, cloudy later; rather mild.
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W. Scot- land.	
14 Mid Sootland	As 10 - 11.
15 N. E. Scotland	Freshening northwest to west wind, backing southwest; occasional rain at first, bright intervals and local showers later; rather mild
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 complex depression over Ireland is spreading northeast. There will be rain in the North and East. In the West and Southwest there will be bright intervals and local showers and these conditions will extend later to East and Southeast England.

FURTHER OUTLOOK.

Probably further rain in the Southwest,
extending northeast.

GALE WARNING.

Gale Warning issued at 2130 hours on 6/2/40
in Districts 13B, 15 & 16.

Forecasts issued at 1100 G.M.T.

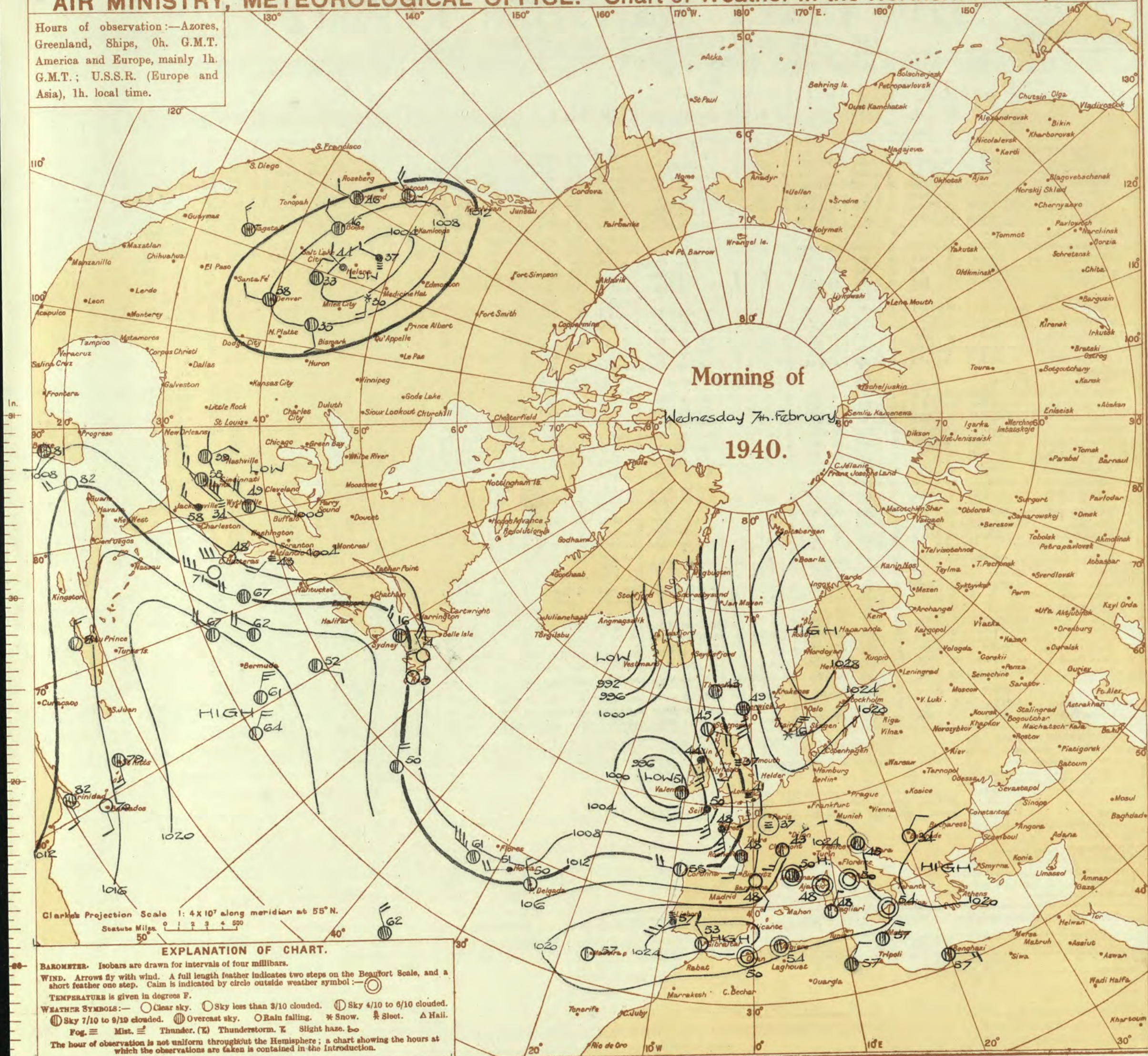
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

H. W. S. O. Press, Cernwall House, S.E.1.

0.475/3827 Wt. 0.008 D. 1426 Sp. 048/23490. 2/4

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.

OBSERVATIONS at 1 hr. G.M.T. 7th February														OBSERVATIONS at 7 hr. G.M.T. 7th February														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (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.		SON-SHINE (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. (9)	Med. (10)	High (11)	Low (12)		Total (13)	Low (23)
1	London (Kew)	18	*	*	SE	3	*	41	37	4	*	*	*	1007.5	-3.4	SE	3	SE	3	43	32	5	6	2	-	3	10	1500	1	*	40	41	40	Tr	2	0.1		
	Croydon	217	1013.0	-10	SE	4	*	41	37	4	5	-	-	1008.0	-3.4	SE	4	SE	4	42	37	5	6	2	-	10	10	450	1	*	43	41	39	Tr	0.5	0.0		
	S. Farnborough	226	1012.4	-14	SE	3	SE	41	37	3	5	-	-	1008.9	-3.6	SE	4	SE	4	42	32	5	6	2	-	10	10	2500	1	*	44	40	39	0.1	5	0.0		
	Boscombe Down	417	1010.7	-18	SE	4	SE	42	37	3	5	2	-	1005.3	-2.2	SE	3	SE	3	43	37	4	5	2	-	10	10	220	1	*	44	40	40	0.1	7	0.0		
	Calshot (Stmnt.)	8	1011.7	-14	SE	4	SE	41	37	6	5	-	-	1006.1	-2.2	SE	5	SE	5	43	37	6	5	2	-	3	3	800	1	3	43	37	37	Tr	7	0.0		
	Lympe	346	1015.8	-6	SE	2	SE	40	37	3	5	-	-	1011.2	-2.2	SE	3	SE	3	40	37	1	-	-	-	10	10	1500	4	3	42	39	38	Tr	0.1	0.0		
	Manston	154	1015.0	-14	SE	3	SE	40	37	3	6	-	-	1010.6	-2.2	SE	3	SE	3	40	37	4	6	-	-	10	10	450	1	*	44	39	38	-	0.1	0.0		
2	Shoeburyness	11	*	*	SE	3	SE	38	37	2	5	-	-	1010.2	-2.2	SE	3	RR	40	37	6	-	2	-	-	10	10	800	1	*	42	37	37	*	10	0.0		
	Felixstowe	15	1014.9	-10	SE	3	SE	38	37	2	5	-	-	1010.0	-2.0	S	3	RR	37	37	4	5	-	-	-	10	10	1500	1	2	40	35	38	-	0.2	0.0		
	Gorleston	5	1015.4	-8	SE	3	SE	38	37	1	-	-	-	1010.7	-2.0	SE	4	RR	37	37	2	-	-	-	-	10	10	1500	1	2	38	35	34	-	2	0.0		
	Mildenhall	19	1014.6	-2	SE	3	SE	39	37	5	5	-	-	1008.6	-2.0	SE	4	RR	39	37	3	5	-	-	-	10	10	450	1	*	43	38	36	Tr	Tr	0.0		
	Cranwell	240	1012.6	-10	SE	3	SE	34	37	1	-	-	-	1008.1	-2.0	SE	3	RR	35	37	1	-	-	-	-	10	10	1500	6	*	36	34	34	-	3	0.0		
3	Birmingham	535	*	*	SE	2	SE	39	37	1	-	-	-	1005.7	-2.0	SE	3	RR	38	37	6	6	-	-	-	10	10	800	6	*	39	37	36	0.1	4	0.0		
	Upper Heyford	408	1012.9	-8	SE	2	SE	39	37	1	-	-	-	1008.6	-3.0	SE	2	RR	40	37	5	6	-	-	-	10	10	450	6	*	41	38	36	0.1	5	0.0		
4	Ross-on-Wye	223	*	*	SE	2	SE	39	37	1	-	-	-	1003.3	-2.0	SE	4	RR	44	32	7	5	-	-	-	10	10	1500	1	*	45	42	41	Tr	7	0.0		
5	Hartland Point	209	1009.7	-10	SE	5	SE	47	32	8	8	2	-	7.8	9	2500	393.8	-8	SW	4	SE	50	37	7	5	2	-	7.8	9	1500	1	3	48	46	45	-	7	0.0
	Bristol	209	1009.1	-2.2	SE	4	SE	44	37	5	5	-	-	10	10	450	1003.8	-2.0	SE	4	SE	45	32	6	5	-	-	10	10	800	1	4	48	43	41	-	3	0.1
	Portland Bill	32	1008.7	-10	SE	4	SE	43	32	7	5	-	-	10	10	1500	1004.5	-2.0	S	4	RR	45	32	7	5	-	-	10	10	1500	1	4	48	42	41	-	10	0.0
	Plymouth	82	*	*	SE	4	SE	43	32	7	5	-	-	10	10	1500	1001.3	-1.4	SW'S	5	SE	49	37	6	5	2	-	10	10	450	1	4	48	47	46	-	14	0.0
	The Lizard	240	1009.5	-18	SE	5	SE	45	37	5	5	-	-	10	10	1500	1001.4	0	SE	5	SE	49	37	7	5	-	-	10	10	1500	1	3	48	46	45	-	2	0.0
	Scilly (St. Mary's)	163	1009.5	-18	SE	5	SE	45	37	5	5	-	-	10	10	1500	1000.6	+4	WSW	6	SE	50	37	6	5	2	-	7.8	9	1500	1	4	50	48	47	-	7	0.0
	Guernsey	175	1008.9	-2.0	SE	4	SE	45	37	5	5	-	-	10	10	450	1005.8	-1.0	SSW	3	SE	48	32	6	5	1	-	7.8	9	1500	1	3	47	44	43	-	5	0.0
6	Pembroke	142	1003.2	-6	SE	5	SE	44	37	6	8	-	-	10	10	800	398.2	-2.0	SSW	4	SE	47	37	6	5	-	-	10	10	800	1	3	45	43	42	-	18	0.0
7	Holyhead	28	1004.1	-28	SE	4	SE	45	35	6	2	-	-	7.8	10	1500	1000.1	-1.0	SE	3	SE	45	32	7	5	-	-	10	10	1500	1	2	48	44	42	-	23	0.0
	Chester (Sealand)	16	1008.8	-2.0	SE	2	SE	38	32	3	5	-	-	10	10	450	1003.8	-2.2	SE	3	SE	38	37	4	-	2	-	10	10	450	6	*	37	37	34	Tr	3	0.0
8	Manchester	70	1010.3	-18	E	3	E	39	32	4	5	-	-	10	10	800	1005.2	-2.0	E	3	SE	39	32	4	-	2	-	10	10	800	4	*	38	35	35	-	4	0.0
10	Spurn Head	29	1013.7	-6	SE	3	SE	34	37	1	-	-	-	10	10	1500	1008.9	-2.0	SE	4	SE	35	37	1	-	-	-	10	10	1500	1	2	(35) 34	33	32	Tr	Tr	0.0
	Catterick	175	1012.9	-6	-	0	SE	34	37	1	-	-	-	10	10	1500	1007.8	-2.4	-	0	SE	35	37	1	-	-	-	10	10	1500	6	*	34	33	32	0.1	1	0.0
	Tynemouth	108	1014.2	-6	SSW	2	SE	37	37	3	5	-	-	10	10	1500	1009.6	-2.0	SSW	3	SE	39	37	3	5	-	-	10	10	1500	1	2	39	37	35	-	0.4	*
11	St. Abbs Head	280	1010.3	-10	S	3	SE	36	37	3	5	-	-	10	10	1500	1008.0	-2.0	SE	4	SE	39	37	1	-	-	-	10	10	1500	1	2	39	36	35	Tr	0.1	*
	Leuchars	36	1010.8	-8	ESE	2	SE	38	37	4	5	-	-	10	10	450	1007.3	-1.4	ESE	3	SE	39	37	4	5	-	-	10	10	800	1	*	42	35	32	0.6	Tr	0.0
12	Renfrew (Abbots L.)	19	1010.4	-10	E'S	2	SE	36	37	3	5	-	-	10	10	1500	1005.7	-2.0	E'S	3	SE	38	32	3	5	-	-	10	10	2500	4	*	41	35	32	0.2	0.2	0.0
	Eekdalemuir	794	*	*	SE	3	SE	40	32	3	5	-	-	10	10	800	1006.3	-2.0	-	0	SE	37	32	6	5	-	-	10	10	450	6	*	38	35	31	0.5	-	0.0
	Point of Ayre	30	1007.0	-2.0	SE	3	SE	40	32	3	5	-	-	10	10	800	1006.3	-2.0	SE	3	SE	40	32	3	5	-	-	10	10	800	4	*	40	35	31	-	0.2	0.0
13A	Tiree	22	*	*	SE	4	SE	45	75	7	5	-	-	2.3	2.3	4000	1004.3	-1.0	ESE	4	SE	43	35	7	5	7	-	2.3	2.3	4000	1	2	47	43	40	0.6	-	0.0
13B	Stornoway	80	1007.9	0	ESE	4	SE	45	75	7	5	-	-	2.3	2.3	4000	1004.3	-1.0	ESE	4	SE	43	35	7	5	7	-	2.3	2.3	4000	1	2	47	43	40	0.6	-	0.0
15	Dalwhinnie	1176	*	*	SE	5	SE	47	32																													

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 8th February 1940.
No. 28,567

No. 28,567

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

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

PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	% Humid. (7)	° Visibility. (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Direc. (17)	Force 0-12 (18)	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)	Amount. (10)	Height of Base. (feet) (11)	Low 0-10 (12)									Total 0-10 (13)	Form. (23)	Amount (24)	Height of Base (feet) (25)			Low 0-10 (26)	Total 0-10 (27)	State of Ground. 0-9 (29)	Sea. 0-9 (30)	7h.—13h. 7th (37)	13h.—18h. 7th (38)	18h.—7th 8th (39)	1h.—7h. 8th (40)		
1	London (Kew)...	1003.3	-2	SSW	3	ld	45	97	6	6	-	10	10	1500	1004.3	+10	SW	4	dd	46	92	5	5	-	10	10	1500	1	*	crg	ld	crg	ld	crg	ld	crg	ld
	Croydon ...	1004.9	-4	S	4	ld	48	97	6	6	2	-	10	10	1450	1006.3	+10	SW	5	ld	48	92	5	5	-	10	10	1450	1	*	crg	ld	crg	ld	crg	ld	
	S. Farnborough																																				
	Boscombe Down	1003.1	-6	SW/S	3	dd	49	97	5	6	-	10	10	220	1006.3	+20	WN	6	c	47	92	7	6	2	-	10	10	450	1	*	crg	ld	crg	ld	crg	ld	
	Calshot (Soton.)	1004.4	-6	SW	4	ld	48	97	5	5	-	10	10	450	1005.2	+18	SW	3	ld	48	92	5	5	-	10	10	1500	1	3	crg	ld	crg	ld	crg	ld		
	Lymington	1007.3	-22	SW	4	rd	46	97	5	5	-	10	10	2150	1006.9	+10	SW	4	z	48	97	6	5	-	10	10	800	1	\$3	crg	ld	crg	ld	crg	ld		
	Manston	1006.3	-22	SSW	4	rd	46	92	6	5	-	10	10	450	1005.2	+4	SW	5	z	47	92	6	5	3	-	10	10	800	1	*	crg	ld	crg	ld	crg	ld	
2	Shoeburyness ...	1006.0	-14	SE	3	dpr	44	97	7	5	-	10	10	800	1007.2	+4	SSW	2	o	44	97	6	5	-	10	10	800	1	*	crg	ld	crg	ld	crg	ld		
	Felixstowe ...	1006.3	-18	S/E	4	o	40	97	3	-	2	-	10	10	450	1003.6	-10	SSW	2	df	41	97	6	5	-	10	10	800	1	*	crg	ld	crg	ld	crg	ld	
	Gorleston	1006.7	-24	ESE	4	c/r	37	92	3	6	-	10	10	1500	1004.3	-8	S/E	2	f	39	97	2	5	-	10	10	1500	1	2	crg	ld	crg	ld	crg	ld		
	Mildenhall	1004.7	-20	SE/S	4	f	43	97	5	-	2	-	10	10	800	1002.6	-4	SSW	3	df	46	97	2	5	-	10	10	1500	1	*	crg	ld	crg	ld	crg	ld	
	Cranwell	1003.5	-18	SE/E	2	F	32	97	1	-	-	-	10	10	450	1002.3	-2	-	o	df	36	97	1	-	-	10	10	450	6	*	crg	ld	crg	ld	crg	ld	
3	Birmingham	1002.4	-12	SSE	2	F	42	97	1	-	-	-	10	10	450	1002.7	+4	WSW	3	df	44	92	3	5	-	10	10	800	6	*	crg	ld	crg	ld	crg	ld	
	Upper Heyford	1003.0	-14	S/E	2	df	46	97	3	6	-	-	10	10	450	1003.9	+10	WSW	3	df	45	97	3	5	-	10	10	1500	1	*	crg	ld	crg	ld	crg	ld	
4	Ross-on-Wye ...	1004.8	-4	SW	3	z	50	92	6	5	-	-	10	10	1500	1004.0	+24	WSW	3	o	47	85	8	5	-	10	10	1500	1	*	crg	ld	crg	ld	crg	ld	
5	Hartland Point	1004.3	+38	W	5	c	47	92	7	8	-	-	7.8	7.8	1500	1009.8	+26	NW	5	c	47	85	7	5	4	-	4.6	7.8	1500	1	4	crg	ld	crg	ld	crg	ld
	Bristol ...	1004.5	+2	SSW	4	ld	51	97	7	5	2	-	9	9	1500	1007.0	+38	WSW	6	c/r	46	85	6	6	-	10	10	800	1	*	crg	ld	crg	ld	crg	ld	
	Portland Bill	1004.7	+8	SW	5	c	47	92	7	2	-	-	9	9	1500	1009.1	+24	SW	5	bc	46	92	7	5	-	10	10	1000	1	4	crg	ld	crg	ld	crg	ld	
	Plymouth	1007.3	+42	WNW	6	c/d	51	86	6	5	-	-	9	9	1500	1012.0	+28	WNW	5	z	49	85	6	5	3	-	1	2.3	1500	1	4	crg	ld	crg	ld	crg	ld
	The Lizard	1009.3	+30	W	6	bc	51	85	7	6	-	-	4.6	4.6	2500	1013.9	+10	W	4	bc	48	92	8	4	-	2.3	2.3	2500	1	3	crg	ld	crg	ld	crg	ld	
	Scilly (St. Mary's)	1006.8	+34	W	7	bc	52	78	7	6	-	-	0	0	-	1013.4	+22	WN	4	bc	49	85	7	5	4	-	1	2.3	2500	1	3	crg	ld	crg	ld	crg	ld
	Guernsey	1009.2	+30	WNW	4	c	51	85	6	8	-	-	10	10	1500	1013.1	+28	WNW	3	bc	48	92	7	-	7	-	0	2.3	-	1	3	crg	ld	crg	ld	crg	ld
6	Hembroke	1002.5	+20	WNW	6	c/r	46	97	7	8	-	-	9	9	800	1008.7	+40	WNW	5	c/r	47	85	7	5	-	7.8	7.8	1500	1	3	crg	ld	crg	ld	crg	ld	
7	Polyhead	1009.8	+2	S/E	1	r	46	97	4	6	2	-	9	9	450	1004.6	+4	NW	4	RR	44	97	5	-	2	-	10	10	220	1	2	crg	ld	crg	ld	crg	ld
	Chester (Sealand)	1001.7	-6	ESE	1	rf	38	97	3	-	2	-	10	10	450	1003.5	+22	-	o	rf	38	97	1	-	2	-	10	10	220	6	*	crg	ld	crg	ld	crg	ld
8	Manchester	1002.3	-10	E/N	2	rf	41	97	3	-	2	-	10	10	800	1003.0	+4	N/E	2	rf	38	97	1	-	2	-	10	10	800	4	*	crg	ld	crg	ld	crg	ld
10	Spurn Head	1004.6	-20	SE/E	5	rf	36	97	3	-	-	-	10	10	450	1002.9	+2	ESE	2	df	36	97	3	-	-	-	10	10	450	2	2	crg	ld	crg	ld	crg	ld
	Catterick	1004.4	-18	-	0	rf	35	97	2	-	2	-	10	10	450	1003.9	+10	-	o	df	35	97	2	-	-	-	10	10	450	*	*	crg	ld	crg	ld	crg	ld
	Tynemouth	1006.2	-12	SSE	3	rf	39	97	6	-	2	-	10	10	1500	1005.6	+6	ESE	3	ld	40	97	6	-	2	-	10	10	1500	*	*	crg	ld	crg	ld	crg	ld
11	St. Abbs Head	1006.4	-6	SE	4	rr	40	97	4	5	-	-	10	10	1500	1006.1	+10	E	3	rr	40	97	3	5	-	-	10	10	1500	1	2	crg	ld	crg	ld	crg	ld
	Leuchars	1005.8	-8	ESE	4	rd	41	97	6	5	-	-	10	10	800	1006.7	+10	E	2	rd	40	97	5	6	-	-	10	10	800	1	*	crg	ld	crg	ld	crg	ld
12	Roufrev (Abbots L.)	1005.0	0	E/N	3	rd	40	92	4	-	2	-	10	10	1500	1006.8	+18	NE/E	2	m	40	92	4	6	2	-	7.8	10	800	4	*	crg	ld	crg	ld	crg	ld
	Eskdalemuir	1004.1	-8	ENE	2	c	36	92	6	5	-	-	9	9	800	1005.1	+14	N/E	3	om	35	97	4	5	-	-	10	10	450	6	*	crg	ld	crg	ld	crg	ld
	Point of Ayre	1001.5	+2	SE/S	5	rd	40	97	6	6	2	-	4.6	10	1500	1004.8	+24	ENE	3	rd	40	92	6	6	2	-	7.8	10	1500	1	2	crg	ld	crg	ld	crg	ld
13A	Tiree ...	1001.5	+4	ESE	4	rd	42	86	6	5	-	-	10	10	1500	1004.8	+10	SSE	3	dd	42	97	5	-	2	-	10	10	800	1	3	crg	ld	crg	ld	crg	ld
13B	Stornoway	1003.8	-4	SE	4	c	48	85	6	5	1	-	7.8	10	2500	1004.7	+8	SSE	3	ld	45	85	6	5	2	-	7.8	10	1500	1	2	crg	ld	crg	ld	crg	ld
15	Dalwhinnie	1005.3	-4	S	6	G	37	92	5	6	7	-	4.6	10	1500	1008.0	+16	-	o	c	37	85	6	5	2	-	4.6	10	1500	6	*	crg	ld	crg	ld	crg	ld
	Aberdeen	1007.7	-8	SE	4	rd	41	97	6	6	-	-	10	10	1500	1008.3	+10	SE/S	3	rd	40	97	6	6	-	-	10	10	1500	1	1	crg	ld	crg	ld	crg	ld
	Wick ...	1007.5	-6	SE	6	c/r	41	97	6	5	7	7	9	10	800	1008.2	+6	SE	6	c	41	97	6	5	2	-	9	10	1500	1	3	crg	ld	crg	ld	crg	ld
16	Lerwick...	1012.2	-8	S	6	r	37	97	6	6	2	-	4.6	10	800	1012.4	+4	S/E	6	c	37	92	7	8	2	-	7.8	10	800	1	*	crg	ld	crg	ld	crg	ld
17	Blacksod Point..	1004.7	+38	WNW	4	c	50	85	7	5	-	-	9	9	200	1009.6	+24	WN	1	bc	46	97	7	-	4	3	0	4.6	450	0	2	c	ld	crg	ld	crg	ld
18	Malin Head	1000.5	+16	8	3	pr	45	92	7	8	-	-	0	0	4000	1006.0	+38	NW	3	c	47	92	7	5	-	-	7.8	7.8	4500	1	3	c	ld	crg	ld	crg	ld
	Aldergrove	1004.2	+10	ENE	2	rd	43	97	4	5	-	-	10	10	450	1006.0	+30	WNW	1	rd	43	97	5	6	2	-	8	10	800	2	*	crg	ld	crg	ld	crg	ld
19	Birr Castle	1004.5	+28	WNW	2	c/r	47	97	7	6	2	-	4.6	10	1500	1009.0	+18	WNW	1	c	47	92	7	5	-	-	7.8	7.8	2500	1	5	crg	ld	crg	ld	crg	ld
20	Valentia Obsy. †	1009.6	+38	WN	3	b	51	75	8	1	3	-	4.6	7.8	1500	1013.0	+26	SSW	3	p	48	85	8	5	-	1	7.8	7.8	1500	1	5	crg	ld	crg	ld	crg	ld
	Roches Point	1006.4	+38	NW	6	c	52	75	8	8	4	-	4.6	7.8	1500	1012.4	+40	WNW	4	bc	49	75	8	5	-	5	1	2.3	2500	1	4	crg	ld	crg	ld	crg	ld

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

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

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

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

† Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

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

COLUMN 29 — STATE OF GROUND.

0 ..	Ground dry.	7 ..
1 ..	" wet.	
2 ..	" flooded.	8 ..
3 ..	" frozen hard and dry.	
4 ..	" partly covered with snow or hail.	9 ..
5 ..	" covered with ice or glazed frost.	- ..
6 ..	" covered with thawing snow.	

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD

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

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

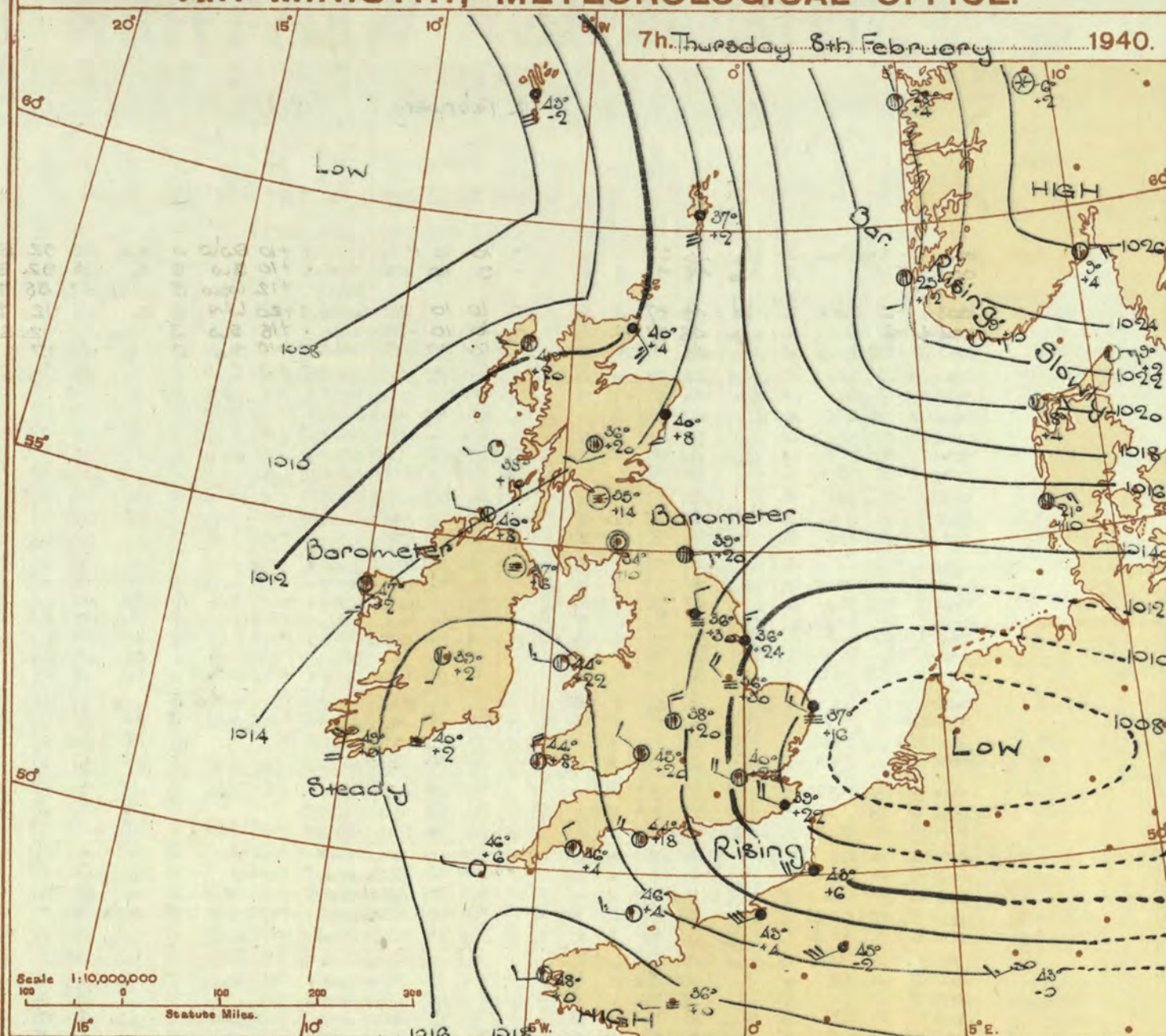
atus,-Cs:	Alto cumulus,-Ac:	Alto stratus,-As
stratus,-Ns:	Cumulus,-Cu:	Cumulonimbus,-Cb

9 - STATE OF GROUND.
7 .. Ground covered with snow, less than 6 ins., deep but
ground not frozen.
8 .. " covered with snow, less than 6 ins., but
ground frozen.
9 .. " covered with snow greater than 6 ins. deep.
- .. Fresh snow has fallen in the mountains.

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 8th February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th February, 1940.
1 S.E. England	Moderate northwest wind, becoming northeast, light; cloudy with occasional rain at first, fair later, apart from local sleet or snow near the East coast; local fog night and morning; colder with frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Light variable wind; fair; local fog night and morning; average day temperature, frost at night.
5 S.W. England	
6 South Wales ...	Light or moderate southeast wind; fair at first, occasional rain later; average temperature.
7 North Wales ...	
8 N.W. England	As 4.
9 N. Midlands ...	
10 N.E. England	Light variable wind; cloudy at first with local rain; fair later; local fog night and morning; average day temperature, frost at night.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light southwest wind; fair; local fog night and morning; average day temperature, frost at night.
13 { A. W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Fresh southeast wind; occasional rain, sleet or snow; cold.
17 N. W. Ireland	As 4.
18 N. E. Ireland	
19 S. E. Ireland	As 5.
20 S. W. Ireland	

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

GENERAL INFERENCE.

A depression over Holland is moving east and a ridge of high pressure is developing behind it. A depression off Northwest Spain is moving north-northeast. In the East and Southeast it will be dull at first with occasional rain but bright periods are likely later except near the East coast, where there may be snow or sleet. Elsewhere it will be fair apart from rain later in the Southwest.

FURTHER OUTLOOK.

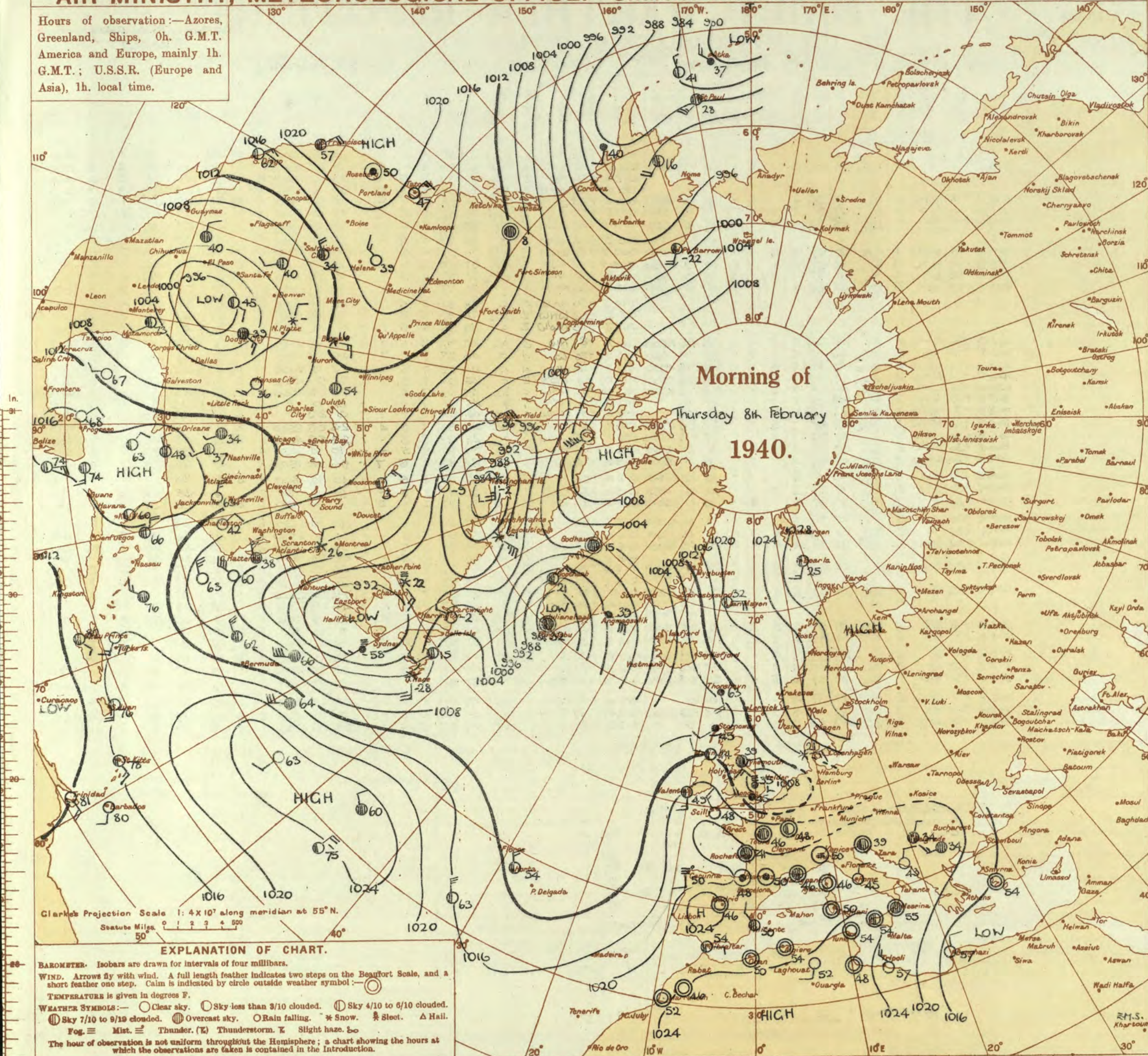
Mainly fair; rather cold in the Southeast with frost at night.

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

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 8th February														OBSERVATIONS at 7 hr. G.M.T. 8th February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE 7th-18th Hrs.	
					Dirce.	Force.					Form.	Amount.	Height of Base (feet).	Dirce.	Force.			Form.	Amount.					Height of Base (feet).	Max. Day 7th-18th °F.	Min. Night 18th-7th °F.	Min. on Grass °F.	Day 7th-18th mm.			Night 18th-7th mm.						
																																0-12	0-12	0-12	0-12		0-12
1	London (Kew) ...	18	30.5	+1.4	W	1	For	45	92	5	-	-	10	1500	1012.3	+2.0	NW	4	Z	41	85	5	5	-	-	10	10	1500	1	48	40	38	1	1	0.0		
	Croydon ...	217	30.5	+1.4	W	1	For	45	92	5	-	-	10	1500	1012.3	+2.0	NW	4	Z	41	85	5	5	-	-	10	10	1500	1	48	40	38	2	2	0.0		
	S. Farnborough ...	226	30.5	+1.4	W	1	For	45	92	5	-	-	10	1500	1012.3	+2.0	NW	4	Z	41	85	5	5	-	-	10	10	1500	2	48	41	39	2	4	0.0		
	Boscombe Down ...	417	30.5	+1.4	W	1	For	45	92	5	-	-	10	1500	1012.3	+2.0	NW	4	Z	41	85	5	5	-	-	10	10	1500	1	48	41	39	2	4	0.0		
	Calshot (St. Mary's) ...	8	30.5	+1.8	WSW	4	For	47	92	6	-	-	10	10	800	1014.3	+2.6	NW	3	For	44	97	5	6	2	-	9	10	450	1	51	43	42	3	7	0.0	
	Lympne ...	346	30.5	+1.6	WS	3	For	43	97	5	5	-	-	10	10	220	1013.6	+2.4	NW	4	For	45	92	6	6	2	-	10	10	800	1	51	43	43	1	5	0.8
	Manston ...	154	30.6	+1.0	W	4	For	45	92	4	6	-	-	10	10	220	1011.3	+2.4	NW	4	For	39	92	2	6	2	-	9	10	800	1	46	39	37	3	0.6	0.0
2	Shoeburyness ...	11	30.6	+1.0	W	4	For	45	92	4	6	-	-	10	10	220	1010.3	+2.4	NW	4	For	38	92	2	6	-	10	10	450	1	48	37	36	0.6	0.4	0.0	
	Felixstowe ...	15	30.6	+1.8	WSW	*	old	39	97	4	5	-	-	10	10	480	1012.3	+2.2	WNW	3	For	38	97	6	5	-	-	10	10	800	1	47	37	38	1	Tr	0.0
	Orleston ...	5	30.6	+1.2	WN	3	For	42	92	2	-	-	-	10	10	450	1008.9	+1.6	WNW	3	For	37	92	2	-	-	10	10	450	1	42	36	32	3	2	*	
	Mildenhall ...	19	30.6	+2.8	WN	3	For	37	97	4	5	-	-	10	10	450	1010.9	+2.8	NW	4	For	37	97	4	5	-	-	10	10	450	1	47	37	36	2	2	0.0
	Cranwell ...	240	30.7	+2.6	NW	3	For	35	97	2	-	-	-	10	10	450	1012.7	+3.0	WNW	4	For	36	97	2	-	-	10	10	450	6	37	34	33	7	3	0.0	
3	Birmingham ...	535	30.7	+2.6	NW	3	For	35	97	2	-	-	-	10	10	450	1012.7	+3.0	WNW	4	For	36	97	2	-	-	10	10	450	6	37	34	33	7	3	0.0	
	Upper Heyford ...	408	30.7	+2.6	NW	3	For	35	97	2	-	-	-	10	10	450	1012.7	+3.0	WNW	4	For	36	97	2	-	-	10	10	450	6	37	34	33	7	3	0.0	
4	Ross-on-Wye ...	223	30.7	+2.6	NW	3	For	35	97	2	-	-	-	10	10	450	1012.7	+3.0	WNW	4	For	36	97	2	-	-	10	10	450	6	37	34	33	7	3	0.0	
5	Hartland Point ...	299	30.7	+1.6	NW	4	bc	46	92	8	5	-	-	4.6	4.6	2500	1016.9	+8	NW	3	bc	45	97	8	5	7	-	2.3	4.6	2500	1	51	45	42	2	-	2.3
	Bristol ...	209	30.7	+1.8	W	5	rr	44	97	6	6	2	-	9	10	450	1015.5	+2.6	W	4	c	45	85	7	4	7	-	4.6	7.8	1500	1	52	44	41	3	7	0.3
	Portland Bill ...	32	30.7	+2.0	WNW	5	c	46	92	7	5	-	-	7.8	7.8	4000	1014.7	+1.8	NW	4	c	44	92	7	5	7	-	7.8	10	2500	1	47	42	41	0.2	-	-
	Plymouth ...	82	30.7	+1.4	WNW	2	bc	47	85	7	5	-	-	2.3	2.3	2500	1017.0	+4	WNW	2	c	46	92	7	5	-	-	9	9	1500	1	53	45	41	0.2	-	2.3
	The Lizard ...	240	30.7	+1.4	WNW	3	bc/f	46	97	7	4	-	-	2.3	2.3	2500	1017.6	+2	WNW	2	bc	47	97	7	5	-	-	2.3	2.3	2500	1	51	45	41	0.2	-	6.0
	Scilly (St. Mary's) ...	163	30.7	+1.0	WNW	3	b	48	97	7	-	-	-	0	0	-	1017.7	+6	WNW	1	b	46	97	7	-	-	0	0	-	2	54	45	41	Tr	Tr	0.0	
	Guernsey ...	175	30.7	+1.8	WNW	4	b	47	92	6	-	-	-	0	0	-	1016.4	+4	WNW	3	bc	46	92	7	-	-	0	0	-	3	51	46	40	1	Tr	0.1	
6	Pembroke ...	142	30.7	+1.6	WNW	3	bc	45	92	7	5	-	-	2.3	2.3	2500	1016.5	+8	NNW	4	bc	44	92	7	5	4	-	2.3	2.3	2500	1	47	43	40	2	-	0.0
7	Holyhead ...	26	30.7	+3.0	WNW	5	c	45	92	7	2	-	-	7.8	7.8	2500	1016.1	+2.2	WNW	3	bc	44	92	8	5	-	-	2.3	2.3	4000	1	46	43	40	28	8	0.0
	Chester (Sealand) ...	16	30.7	+3.0	WNW	4	For	45	97	4	-	-	-	10	10	220	1015.3	+2.2	NW	3	bc	44	92	8	5	-	-	10	10	450	6	38	36	35	10	5	0.0
8	Manchester ...	70	30.7	+3.0	WNW	2	For	45	97	4	-	-	-	10	10	800	1015.0	+2.8	WNW	1	m	36	97	4	5	7	-	9	10	1500	4	41	35	33	7	2	0.0
10	Spurn Head ...	29	30.7	+1.6	NW	3	df	35	97	3	-	-	-	10	10	450	1012.0	+2.4	N	3	dd	36	97	4	5	-	-	10	10	800	1	36	34	31	6	1	0.0
	Catterick ...	175	30.7	+3.0	NW	2	rf	37	97	3	5	-	-	10	10	450	1015.0	+3.0	NNW	2	rf	36	97	3	5	-	-	10	10	450	6	35	34	31	1	0.0	
	Tynemouth ...	108	30.8	+2.4	E	2	o/r	39	97	6	-	-	-	10	10	1500	1015.4	+2.0	E	2	o/r	39	97	6	-	-	10	10	1500	1	40	38	37	3	3	*	
11	St. Abbs Head ...	280	30.8	+2.0	-	0	f	39	97	2	-	-	-	10	10	450	1014.7	+2.0	-	0	F	39	97	1	-	-	10	10	450	1	40	38	35	3	1	0.0	
	Leuchars ...	36	30.8	+2.0	-	0	For	39	97	5	6	-	-	10	10	450	1014.0	+1.2	-	0	o/f	37	97	5	5	-	-	10	10	2500	1	42	36	35	3	1	0.0
12	Renfrew (Abbots I.) ...	19	30.8	+2.4	WSW	1	m/f	37	97	4	5	-	-	7.8	10	1500	1015.3	+1.4	-	0	cf	35	97	3	5	-	-	9	9	2500	4	40	34	30	1	0.5	0.0
	Eskdalemuir ...	794	30.8	+2.4	WSW	1	m/f	37	97	4	5	-	-	7.8	10	1500	1015.3	+1.4	-	0	cf	35	97	3	5	-	-	9	9	2500	4	40	34	30	1	0.5	0.0
	Point of Ayre ...	30	30.8	+2.0	NW	4	c	42	92	7	5	-	-	7.8	10	1500	1014.8	+1.0	-	0	bc	34	92	6	5	-	-	4.6	4.6	800	6	38	34	31	0.1	-	0.0
13A	Tiree ...	22	30.8	+2.0	NW	4	c	42	92	7	5	-	-	7.8	10	1500	1014.8	+1.0	-	0	bc	34	92	6	5	-	-	4.6	4.6	800	6	38	34	31	0.1	-	0.0
13B	Stornoway ...	80	30.7	+1.2	SSW	2	For	45	92	6	5	2	-	9	10	800	1013.1	+1.0	SSW	1	b	38	97	7	5	5	-	7	1	4000	0	45	37	33	4	1	0.0
15	Dalwhinnie ...	1176	30.7	+1.2	SSW	2	For	45	92	6	5	2	-	9	10	800	1011.8	+2.0	W	1	c	41	92	7	5	7	-	7.8	7.8	2500	1	45	41	38	0.1	4	0.0
	Aberdeen ...	79	30.7	+1.2	SSW	2	For	45	92	6	5	2	-	9	10	800	1014.8	+2.0	SSW	2	c	36	92	7	4	6	-	4.6	7.8	2500	6	38	35	33	0.5	1	0.0
	Wick ...	81	30.8	+2.8	SE	6	For	40	97	6	5	2	-	9	10	800	1013.7	+8	S	3	For	40	97	4	6	2	-	10	10	1500	1	41	39	38	3	6	0.0
16	Lerwick ...	156	30.8	+2.8	SSE	6	For	40	97	6	5	2	-	9	10	800	1010.8	+4	SE	5	rr	40	97	6	5	2	-	9	10	800	1	42	39	37			

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

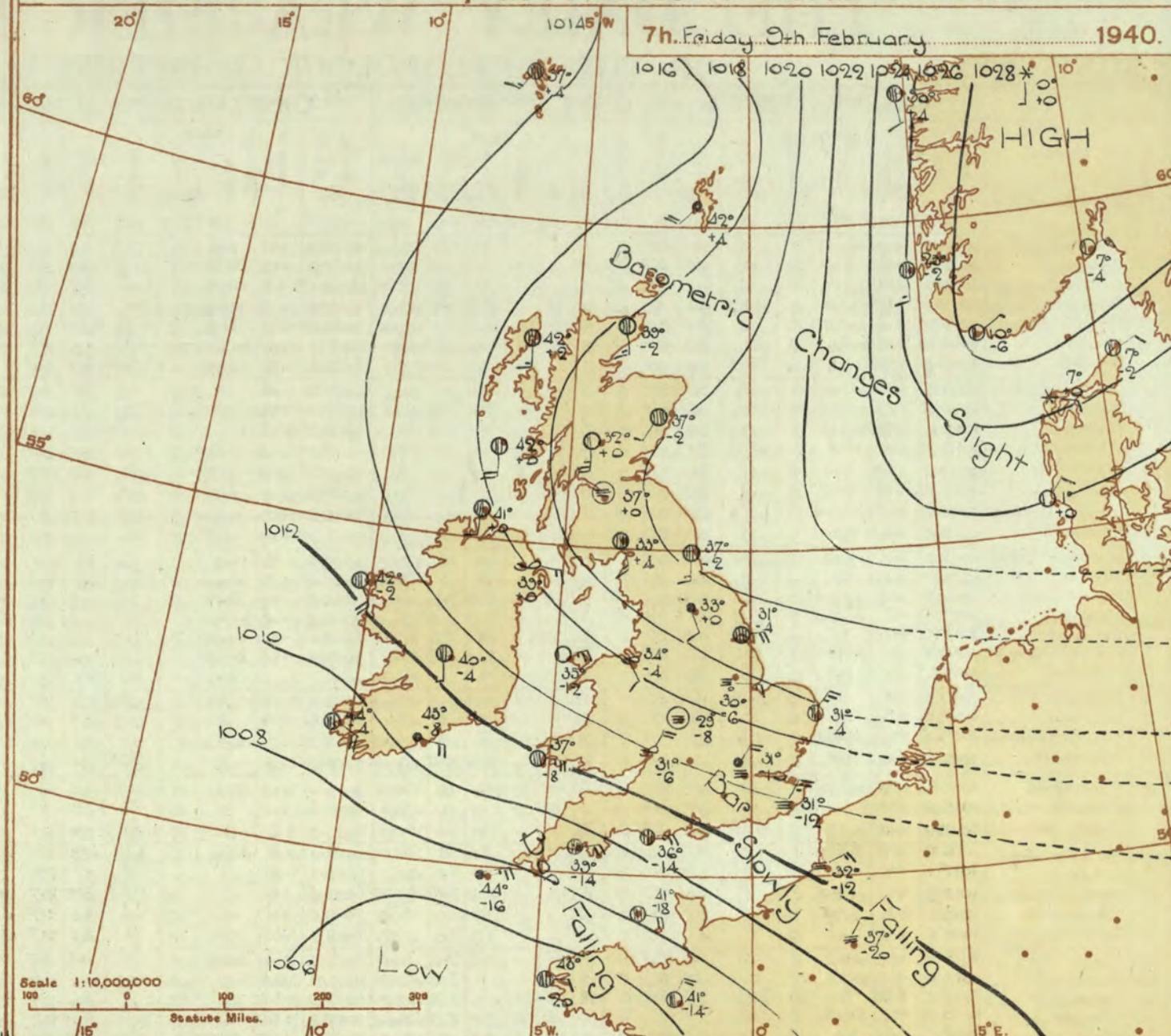
BRITISH SECTION

Friday 9th February, 1940.

No. 28568.

OBSERVATIONS at 13h. G.M.T. 8th February														OBSERVATIONS at 18h. G.M.T. 8th February														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. 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)	State of Ground. 0-9 (30)	Sea. 0-9 (31)	WEATHER.						
				Dirce. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base (feet) (11)	Form. (23)			Amount. (24)	Height of Base (feet) (25)					7h.—18h. 8th.													
																						Low. (12)	Med. (13)	High (14)	Low 0-10 (26)				Med. (27)	High (28)	7h.—18h. 8th. (37)	18h.—18h. 8th. (38)	18h.—18h. 8th. (39)	1h.—7h. 9th. (40)	
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lympe Manston	1015.9 1015.5 1016.5 1017.1 1016.1 1014.9 1014.6	+10 +8 +14 +12 +6 +14 +20	NNW NN NNW NW NW NNW NW	3 3 4 4 4 5 4	Z Z Z Z Z Z Z	41 40 41 44 44 39 38	92 97 85 85 85 97 97	6 5 6 6 6 5 5	5 - - 7 7 - - -	- - - - 6 - -	10 10 10 9 4 10 10	1500 450 1500 800 1500 450 220	1017.5 1017.0 1017.1 1017.2 1016.6 1017.1 1016.5	+12 +12 +8 +4 +2 +10 +8	NNE NNE NNE NNE NNE NNE NNE	2 3 3 3 2 4 4	dd df Z Z Z Z Z	38 38 39 40 42 35 37	92 97 92 85 85 97 97	5 5 4 5 6 2 1	5 - - - 7 - -	- 10 10 10 10 3 10 10	1500 800 800 1500 2500 450 450	1 1 1 1 1 1 3	*	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm	cm cm cm cm cm cm cm					
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1014.8 1014.6 1015.1 1015.7 1017.1	+14 +24 +30 +22 +22	NNW NNW NE NE NW	3 3 3 3 2	id id o o df	39 38 36 37 36	97 97 92 97 97	5 5 5 4 2	5 - 5 5 5	- - - - -	10 10 10 10 10	800 450 1500 1500 220	1017.5 1017.1 1018.2 1018.7 1019.4	+14 +18 +18 +14 +16	N NE NNE NNE NE	2 4 4 3 1	id Z o m of	37 36 35 36 35	97 92 92 97 97	4 5 5 4 3	5 - - 5 -	- 10 10 10 10 10	800 450 2500 800 220	1 1 1 1 6	*	cm cm cm cm cm	cm cm cm cm cm	cm cm cm cm cm	cm cm cm cm cm					
3	Birmingham Upper Heyford	1017.5 1016.6	+12 +12	NNE NNW	3 4	c c	39 39	85 92	5 5	5 5	- -	10 10	1500 800	1018.8 1018.2	+4 +2	NE NE	3 2	of df	36 36	92 97	1 2	5 5	- -	10 10	1500 220	6 1	*	c cd	cm	cm	cm	cm			
4	Ross-on-Wye	1017.3	+8	NE	3	c	45	75	7	7	-	9	24	2500	1018.0	+4	NE	3	m	40	85	4	5	-	10	10	800	1	*	cd	cm	cm	cm		
5	Hartland Point Bristol ... Portland Bill Plymouth ... The Lizard Scilly (St. Mary's) Guernsey	1017.9 1019.7 1016.9 1017.7 1017.7 1018.0 1017.1	+4 +10 +10 -2 +10 0 -4	NW N NW NW - ENE NNW	2 4 3 2 - 0 3	F C C bc C bc b	44 46 48 51 49 53 49	97 75 92 75 92 85 85	1 8 7 8 8 7 7	- - - - - - 1	- - - - - - 7	10 9 4 2 2 2 1	10 1500 4000 1500 2500 800 2500	1016.6 1018.2 1016.3 1016.2 1016.1 1016.4 1016.2	-2 +8 -10 -10 -8 -14 0	NE NNE ENE NNE NNE ENE NE	1 4 3 1 2 1 1	f Z C Z bc bc C	41 41 43 48 45 46 45	97 85 92 85 92 92 85	2 5 5 1 6 8 6	- - - 3 6 2 7	- 10 10 10 10 4 4 4	1500 1500 4000 1500 1500 1500 2500	1 1 1 1 1 1 3	2	bc bc c c bc bc bc	bc bc cm cm bc bc bc	bc bc cm cm bc bc bc	bc bc cm cm bc bc bc					
6	Pembroke	1017.3	+4	-	0	bcF	44	97	1	5	-	2.3	2.3	2500	1016.3	-10	E	1	bcF	42	97	1	5	-	2.3	2.3	2500	1	2	bc	bc	bc	bc		
7	Holyhead	1017.8	+8	-	0	C	45	92	7	8	-	9	9	450	1017.8	+4	E	2	bc	42	97	6	5	-	4.6	4.6	4000	1	2	bc	bc	bc	bc		
8	Chester (Sealand)	1018.4	+10	NNW	1	cf	38	97	1	5	-	9	9	2500	1018.7	+2	SE	1	of	36	85	2	5	-	10	10	1500	3	*	bc	bc	bc	bc		
8	Manchester	1018.2	+8	NE	2	Z	41	85	5	5	-	4.6	4.6	2500	1019.0	+8	NE	2	of	39	92	2	5	-	10	10	2500	4	*	cm	cm	cm	cm		
10	Spurn Head Catterick Tynemouth	1017.7 1018.5 1018.2	+20 +14 +10	NE SSE SSE	2 2 2	F F C/f	37 37 39	97 97 97	5 1 5	5 - 5	- - -	10 10 10	1500 1500 1500	1019.9 1019.6 1020.3	+16 +4 +8	ENE - S	2 0 2	o F of	35 35 39	97 97 97	5 1 3	5 - 5	- - -	10 10 10	1500 1500 1500	1 6 1	1 6 2	cm cm cm	cm cm cm	cm cm cm	cm cm cm				
11	St. Abbs Head Leuchars	1016.9 1017.1	+10 +10	SSW W	1 1	C Z	42 39	92 97	7 5	5 5	- -	7.8 10	1500 800	1018.0 1018.1	+6 +10	SSW W	2 1	bc of	39 37	92 97	7 2	5 5	- -	4.6 10	1500 1500	0 1	2 1	m cm	bc	bc	bc	bc			
12	Rentrew (Abbots L.) Eskdalemuir Point of Ayre	1017.8 1018.1 1018.1	+10 +8 +12	NSW WN -	2 1 0	Z C F	44 37 41	92 85 97	5 8 1	5 5 -	- - -	4.6 10 10	4000 1500 1500	1018.4 1019.0 1018.1	+6 +8 0	- - SE	0 0 2	of m f	39 34 40	97 97 97	3 4 3	5 5 -	- - -	9 9 10	4000 220 1500	1 6 1	1 1 1	cm cm cm	cm cm cm	cm cm cm	cm cm cm				
13a	Tiree	1015.3	+10	SSE	2	C	45	92	5	5	-	7.8	7.8	1500	1015.6	+4	SSE	2	C	44	97	7	5	-	9	9	1500	1	2	bc	bc	bc	bc		
13b	Stornoway	1014.6	+12	SSE	2	C	48	92	7	5	4	-	1	7.8	4000	1015.3	+4	S	4	of	45	97	7	5	7	-	7.8	10	2500	1	2	bc	bc	bc	bc
15	Dalwhinnie Aberdeen Wick	1017.1 1015.6 1013.7	+28 +12 +20	S SW W	3 2 3	bc bc C	39 47 47	85 75 92	8 6 7	4 5 7	6 8 7	1 Tr 2.3	4000 2500 1500	1017.0 1017.4 1016.0	+14 +14 +12	S S SW	3 3 3	b bf bc	30 40 38	97 92 92	8 3 7	- - 5	4 1 7	1 1 2	Tr Tr 4.6	1500 1500 800	6 1 1	6 1 1	cm cm cm	cm cm cm	cm cm cm	cm cm cm			
16	Lerwick	1014.9	0	SSE	6	rr	38	92	7	6	2	-	4.6	10	800	1014.7	+4	SE	7	of	39	97	7	6	2	-	4.6	10	800	1	*	cm	cm	cm	cm
17	Blacksod Point	1014.4	0	S	3	C	50	75	7	3	-	3	4.6	7.8	800	1013.9	+2	SE	1	bc	50	75	8	-	2	-	2.3	2.3	2500	0	2	bc	bc	bc	bc
18	Malin Head Aldergrove	1016.2 1017.5	+12 +8	S SSW	3 1	C F	48 39	85 97	8 1	5 -	- -	4.6 10	4000 1500	1015.8 1017.1	+4 -2	S SE	2 1	bc Z	42 42	85 97	8 5	4 5	- -	1 10	1 1500	5700 450	0 1	3 1	c Fe	bc	bc	bc	bc		
19	Birr Castle	1016.9	+4	SSE	1	bc	51	75	7	-	-	8	0	4.6	-	1015.7	-4	SSE	1	b	45	85	7	-	-	0	0	-	1	*	cm	cm	cm	cm	
20	Valencia Obay. † Roches Point	1015.6 1017.9	-2 -2	SSE SSE	4 2	bc bc	52 44	75 97	8 3	2 5	- -	4.6 4.6	2500 1500	1014.5 1016.2	-4 -4	SSE SE	4 3	b id	48 45	75 97	8 5	2 5	- -	1 10	1 1500	2500 450	1 1	3 4	cm ffe	bc co	bc id	bc id	bc id		

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th February, 1940.
1 S.E. England	Fresh east to northeast wind, strong on coasts; cloudy, slight rain, sleet or snow at first, perhaps more general sleet or snow later; cold, temperature a little below freezing level.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh or strong east wind; cloudy, occasional rain or sleet, snow locally; cold.
6 South Wales ...	Moderate or fresh east to southeast wind, strong locally on coasts; cloudy, slight rain, sleet or snow locally; cold, temperature about freezing level.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Moderate or fresh southeast wind; cloudy; local snow showers; cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate south wind; cloudy, local fog; cold, frost at night.
13 { A.W. Scotld. B.N.W. Scot- land.	Moderate south wind; cloudy; local rain; cold.
14 Mid Scotland	
15 N. E. Scotland	Moderate southeast or east wind; cloudy; local rain or sleet; becoming colder.
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

Pressure is high over Scandinavia and a depression over the Bay of Biscay is moving northeast. Weather will be cloudy with slight rain, sleet or snow locally at first and perhaps more general sleet or snow later in the South.

FURTHER OUTLOOK.

Probably becoming colder with day and night temperatures below freezing level.

Forecasts issued at 1030.

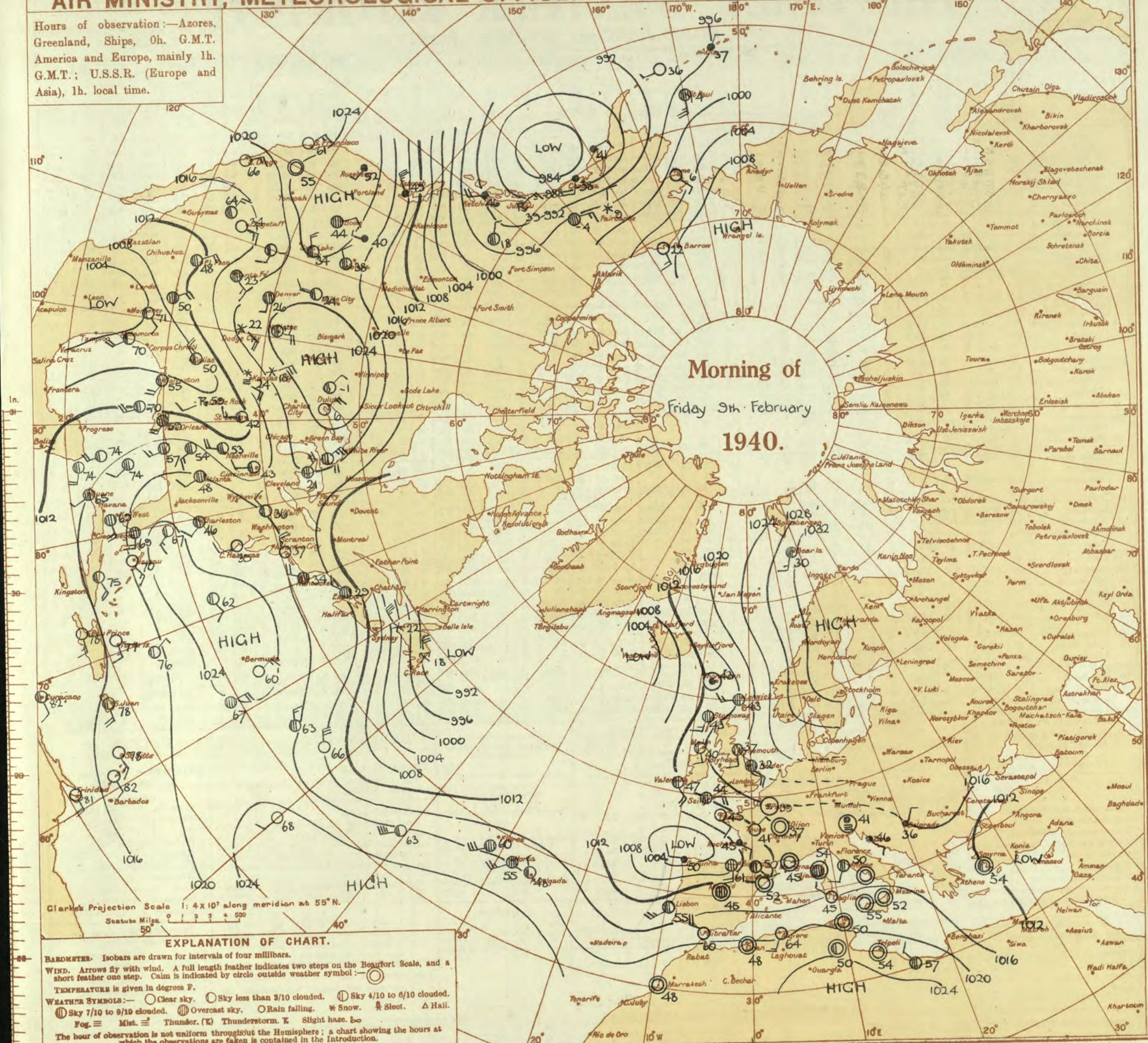
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday 9th February 1940.
No. 25568

OBSERVATIONS at 1 hr. G.M.T. 9th February															OBSERVATIONS at 7 hr. G.M.T. 9th February															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		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 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	1017.1	-10	ENE	3	f+	33	97	2	-	-	-	-	1015.0	-4	ENE	4	20	32	92	5	-	-	-	-	-	-	41	31	31	Tr	Tr	0.0					
	Croydon	217	1017.1	-10	ENE	3	f+	33	97	2	-	-	-	-	1015.0	-4	NE	4	df	31	97	2	-	-	-	-	-	-	-	41	30	29	0.2	Tr	0.0				
	S. Farnborough	226	1017.1	-10	ENE	3	m	34	97	4	5	-	-	-	1014.8	-6	ENE	4	10	31	97	3	5	-	-	-	-	-	-	42	31	31	0.1	Tr	0.0				
	Boscombe Down	417	1016.3	-6	ENE	3	m	35	97	4	5	-	-	-	1013.9	-8	ENE	4	of+	31	97	3	5	-	-	-	-	-	-	44	31	30	0.5	Tr	0.0				
	Calshot (Stmnt.)	8	1015.8	-6	ENE	4	of	37	92	3	5	-	-	-	1013.1	-12	NE/E	4	20	35	92	6	5	-	-	-	-	-	-	46	33	33	Tr	Tr	1.7				
	Lympne	346	1017.1	-6	NE/E	4	f	33	97	2	-	-	-	-	1014.7	-12	NE	5	f	31	97	3	-	-	-	-	-	-	-	39	31	31	0.3	Tr	0.0				
	Manston	154	1017.1	-6	NE/E	4	of+	34	97	3	5	-	-	-	1015.0	-8	ENE	4	m/f	32	97	4	5	-	-	-	-	-	-	39	31	31	2	Tr	0.0				
2	Shoeburyness	11	1017.3	-6	NE	4	m	32	97	4	5	-	-	-	1015.7	-8	NE	3	0	33	97	4	5	-	-	-	-	-	-	40	32	33	0.2	Tr	0.0				
	Felixstowe	15	1017.3	-6	NE	4	m	32	97	4	5	-	-	-	1016.0	-10	NE	4	m	32	92	4	5	-	-	-	-	-	-	38	31	30	Tr	Tr	0.0				
	Gorleston	5	1015.1	-4	NE/E	4	0	32	85	7	5	-	-	-	1015.0	-10	NE/E	5	0	31	92	6	5	-	-	-	-	-	-	38	30	28	0.2	-	*				
	Mildenhall	19	1018.3	-6	NE	8	id	32	97	5	5	-	-	-	1017.1	-6	ENE	4	20	31	97	5	5	-	-	-	-	-	-	38	30	30	0.3	-	0.0				
	Cranwell	240	1015.6	-2	2	2	f	32	97	3	5	-	-	-	1018.3	-6	E/S	3	0/f	30	97	4	5	-	-	-	-	-	-	36	29	30	0.3	Tr	0.0				
3	Birmingham	535	1015.3	-6	NE/E	3	df	32	97	2	-	-	-	-	1017.0	-8	ENE	4	0/f	29	97	3	5	-	-	-	-	-	-	39	29	29	0.2	Tr	0.0				
	Upper Heyford	408	1015.3	-6	NE/E	3	df	32	97	2	-	-	-	-	1016.5	-6	NE	2	0/f	30	97	2	-	-	-	-	-	-	-	40	29	28	0.2	Tr	0.0				
4	Ross-on-Wye	223	1015.3	-6	NE	3	df	32	97	2	-	-	-	-	1015.6	-6	NE	4	20	31	92	5	5	-	-	-	-	-	-	46	31	31	-	-	0.0				
5	Hartland Point	299	1014.0	-6	ENE	3	0	39	85	6	5	-	-	-	1010.2	-14	ENE	4	0	36	97	6	5	-	-	-	-	-	-	46	36	36	-	-	0.6				
	Bristol	209	1016.8	-6	ENE	3	20	36	97	5	5	-	-	-	1014.4	-8	E	4	20	32	97	6	5	-	-	-	-	-	-	46	32	32	-	-	2.8				
	Portland Bill	32	1013.9	-6	E	4	0	39	92	7	5	-	-	-	1010.9	-14	E	5	0	36	92	7	5	-	-	-	-	-	-	48	34	-	-	-	7.8				
	Plymouth	82	1013.8	-14	E/H	3	20	41	85	5	5	-	-	-	1010.0	-14	E/H	4	0/d	39	85	5	5	-	-	-	-	-	-	51	39	38	-	-	3.5				
	The Lizard	240	1012.0	-20	NE	5	bc	43	85	8	6	-	-	-	1007.4	-24	E	6	16	44	27	7	5	-	-	-	-	-	-	52	41	-	-	-	5.8				
	Scilly (St. Mary's)	163	1011.5	-26	E	4	c	44	85	7	8	-	-	-	1007.2	-16	ENE	5	16	44	22	7	5	-	-	-	-	-	-	54	43	-	-	-	6.4				
	Guernsey	175	1012.7	-16	E	4	c	43	85	6	5	-	-	-	1008.2	-18	E/S	4	0	41	92	5	5	-	-	-	-	-	-	50	41	40	-	-	3.7				
6	Pembroke	142	1014.5	-10	SE	4	c	40	92	6	5	-	-	-	1012.2	-8	E/S	5	c	37	92	7	5	-	-	-	-	-	-	47	36	-	-	-	2.4				
7	Holyhead	26	1014.5	-10	SE	4	c	40	92	6	5	-	-	-	1014.5	-12	E/H	5	c	35	92	8	-	-	-	-	-	-	-	46	34	29	-	-	0.0				
	Chester (Sealand)	16	1019.1	-6	ESE	2	of	37	85	3	5	-	-	-	1017.3	-4	SE	2	20	34	92	5	5	-	-	-	-	-	-	40	34	33	-	-	1.6				
8	Manchester	70	1019.1	-6	ESE	2	of	37	85	3	5	-	-	-	1017.8	-2	ENE	4	0/f	33	85	3	5	-	-	-	-	-	-	42	33	32	-	-	0.0				
10	Spurn Head	29	1020.3	+2	ESE	4	0	32	97	6	5	-	-	-	1019.1	-4	E	4	0	31	85	6	5	-	-	-	-	-	-	38	31	-	-	-	0.0				
	Catterick	175	1019.6	+6	SE	2	0	37	97	6	5	-	-	-	1019.6	0	SE	2	0	33	92	6	5	-	-	-	-	-	-	37	32	32	0.1	Tr	0.0				
	Tynemouth	108	1020.7	+6	S	2	0	37	97	6	5	-	-	-	1020.3	-2	S	3	0	37	92	6	5	-	-	-	-	-	-	39	36	35	-	-	*				
11	St. Abbs Head	280	1019.1	+8	SW	2	c	37	92	7	5	2	-	-	1018.8	-4	S	4	c	36	97	6	5	-	-	-	-	-	-	44	36	-	-	-	0.0				
	Leuchars	36	1019.3	+6	-	0	of	32	97	3	5	-	-	-	1019.3	+2	-	0	m/f	35	97	4	5	-	-	-	-	-	-	45	32	31	-	-	2.1				
12	Benfrew (Abbots L.)	19	1018.9	+6	-	0	of	38	92	3	5	-	-	-	1018.3	0	E/H	7	0/f	37	92	3	5	-	-	-	-	-	-	45	34	35	0.1	-	0.2				
	Eskdalemuir	794	1018.2	0	S/E	4	b	39	97	c	-	-	-	-	1018.7	+4	SE/S	3	0	33	92	5	5	-	-	-	-	-	-	44	33	33	-	-	1.6				
	Point of Ayre	30	1018.2	0	S/E	4	b	39	97	c	-	-	-	-	1016.8	-4	SSE	5	c	37	85	c	5	-	-	-	-	-	-	44	35	-	-	-	0.3				
13A	Tiree	22	1016.7	+4	SSW	3	c	43	85	7	5	-	-	-	1015.6	0	SSE	4	c	42	85	7	5	-	-	-	-	-	-	46	41	40	0.3	-	0.0				
13B	Stornoway	80	1016.7	+4	SSW	3	c	43	85	7	5	-	-	-	1017.1	+2	S	3	f	42	92	7	5	-	-	-	-	-	-	49	42	-	-	-	5.0				
15	Dalwhinnie	1176	1015.1	0	S	5	bc	32	85	5	4	6	2	2.3	46	1500	8	-	-	-	-	-	-	-	-	-	-	-	-	41	24	20	-	-	6.8				
	Aberdeen	79	1017.4	+12	S	1	c	39	92	7	5	7	4.6	78	2500	1017.2	-2	SW	1	0	37	92	6	5	-	-	-	-	-	49	32	27	0.6	-	3.9				
	Wick	81	1017.4	+12	S	1	c	39	92	7	5	7	4.6	78	2500	1017.3	-2	SSE	3	c	39	97	7	5	-	-	-	-	-	49	36	-	-	-	*				
16	Lerwick	156	1016.2	+10	WS	3	c	43	97	7	8	7	4.6	78	800	1017.5	+4	SW	4	r/r	42	97	7	6	2	-	-	-	-	39	38	-	-	-	0.0				
17	Blacksod Point	18	1012.4	-6	S/E	3	b	43	92	8	-	-	-	-	1011.8	-2	SE	4	c	42	92	8	-	-	-	-	-	-	-	54	40	-	-	-	3.2				
18	Malin Head	84	1015.5	-6	S/E	2	bc	40	92	5	-	-	-	-	1015.5	0	S	2	c	41	85	7	5	-	-	-	-	-	-	49	36	-	-	-	0.0				
	Aldergrove	268	1016.6	-6	SE	3	bc	40	97	5	-	-	-	-	1015.8	0	ESE	3	20	39	85	5	5	-	-	-	-	-	-	42	38	32	0.2	Tr	0.0				
19	Birr Castle	173	1014.6	-4	SSE	1	0	41	97	7	5	-	-	-	1013.0	-4	SSE	1	c	40	85	7	5	-	-	-	-	-	-	53	37	32	-	-	5.7				
20	Valentia Obsy.	30	1011.9	-12	SE/E	4	c	47	75	8	5	-	-	-	1009.8	-4	ESE	4	c	44	75	8	5	-	-	-	-	-	-	54	43	41	-	-	6.9				
	Roches Point	22	1013.7	-12	ESE	4	cd	43	97	6																													

LONDON OBSERVATIONS

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

STATIONS.	Height above M.S.L. in feet.	
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THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

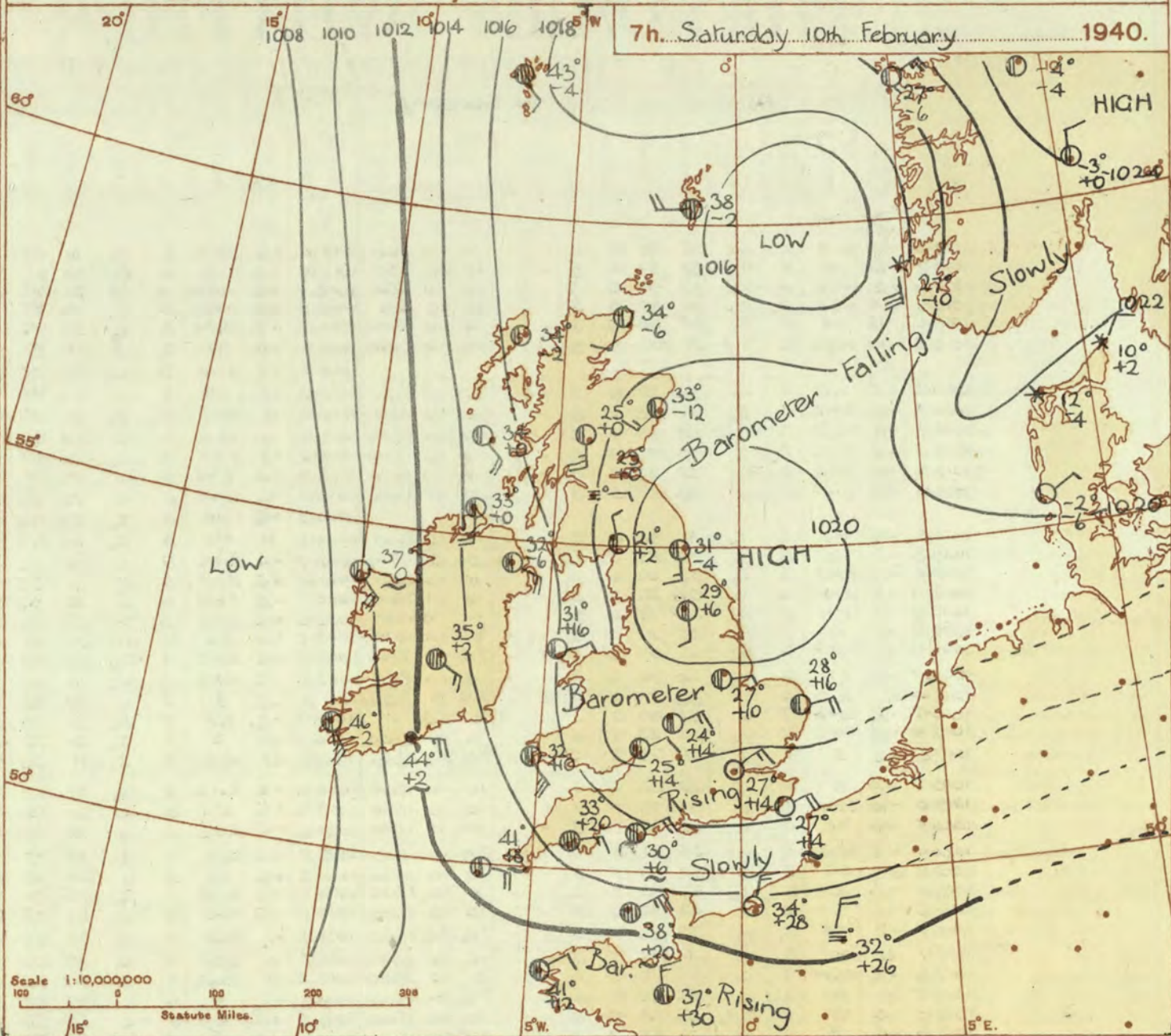
Saturday 10th February, 1940.

No 28569.

OBSERVATIONS at 13h. G.M.T. 9th February														OBSERVATIONS at 18h. G.M.T. 9th February														PAST 24 HOURS.								
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.						
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. Low 0-10 Total 0-10 (25) (26)					Height of Base. (feet) (28)	7h.—13h. ... 2h. ... (37)	13h.—18h. ... 5h. ... (38)	18h. to 1h. 10m. (39)	1h.—7h. ... 10m. ... (40)									
1	London (Kew)...	1013.5	-10	ENE	4	m	32	85	4	5	-	-	10	10	1500	1013.0	+6	NE'E	5	Z ₀	31	92	5	5	-	-	10	10	1500	1	*	cmidom	omcm	cidcmx	cbcmx	
	Croydon ...	1013.7	-10	NE	4	md	32	97	4	5	-	-	10	10	450	1012.9	+4	NE	4	f/d	30	97	2	5	-	-	10	10	450	1	*	dfocld	ommdf	ofcdcm	cbcmx	
	S. Farnborough	1013.0	-6	NE'E	4	o/d	32	92	5	5	-	-	10	10	450	1012.7	+6	NE'E	4	of	31	92	3	5	-	-	10	10	450	1	*	fidmg	om	defo	ofbmbo	
	Boscombe Down	1012.3	-14	NE'E	5	Z ₀	31	92	5	5	-	-	10	10	450	1012.0	+6	NE'E	4	Z ₀	30	97	5	5	-	-	10	10	450	1	*	ofom	om	omjd	omjbmo	
	Calshot (Soton.)	1011.4	-12	NE	5	Z ₀	35	85	6	5	-	-	10	10	1500	1010.7	+2	NE'E	4	Z ₀	33	92	5	5	-	-	10	10	1500	1	3	om	omcm	cm	cbbmo	
	Lympe ...	1013.3	-10	NE'E	5	f/o	31	92	5	5	-	-	10	10	1500	1012.3	+6	NE	5	of	31	97	3	5	-	-	10	10	1500	1	3	ffomfm	omf	ofm	ofbmbo	
	Manston ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Shoeburyness ...	1014.4	-6	NE	4	C	32	97	6	5	-	-	10	10	800	1013.6	+2	NE	4	O	32	97	6	5	-	-	10	10	800	1	*	om	om	om	bcb	
	Felixstowe ...	1014.8	-10	ENE	5	Z ₀	31	85	5	5	-	-	10	10	450	1014.2	0	ENE	6	Z ₀	31	92	5	3	-	-	10	10	800	1	4	omom	om	mabc	bcb	
	Gorleston ...	1016.5	-5	NE'E	5	9/ps	29	85	6	5	-	-	10	10	2500	1015.8	0	ENE	5	C	29	85	7	8	-	-	9+	9+	2500	3	3	cpjgq	cq	cbq	bxqc	
	Mildenhall ...	1016.0	-6	ENE	5	Z ₀	30	92	6	5	-	-	10	10	1500	1015.5	+2	ENE	5	Z ₀	28	97	6	5	-	-	10	10	1500	3	*	om	omcm	cm	bcb	
	Cranwell ...	1017.5	-6	ENE	3	9/s	29	92	7	5	-	-	10	10	800	1016.9	+4	E'N	3	C	28	97	7	5	2	-	9+	9+	800	8	*	om	om	om	cbbcmo	
3	Birmingham	1015.9	-8	ENE	5	O	28	97	5	5	-	-	10	10	1500	1015.5	+2	ENE	5	O	28	75	6	5	-	-	10	10	800	8	*	fo	o	ac	ebc	
	Upper Heyford	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Ross-on-Wye ...	1014.4	-8	NE	4	Z ₀	31	85	6	5	-	-	10	10	800	1014.1	0	NE	3	Z ₀	30	85	6	5	-	-	10	10	800	1	*	om	om	om	ac	
5	Hartland Point	1009.8	-2	NE	5	C	34	85	7	8	-	-	9+	9+	1500	1008.7	-4	ENE	5	C	34	92	6	5	6	-	7-8	9	1500	1	3	oc	c	c	*	
	Bristol ...	1013.2	-10	ENE	4	Z ₀	32	92	6	5	-	-	10	10	800	1013.0	+6	ENE	5	Z ₀	31	85	6	5	-	-	10	10	800	1	5	om	om	om	cbbmo	
	Portland Bill ...	1009.4	-10	ENE	6	O	35	92	7	5	-	-	10	10	2500	1008.7	-4	ENE	6	O	35	92	7	5	-	-	10	10	2500	1	5	o	o	o	oc	
	Plymouth ...	1009.6	-4	E'N	5	Z ₀	36	92	6	5	-	-	10	10	1500	1009.6	+14	ENE	5	md	35	85	4	5	-	-	10	10	1500	1	2	oidm	omidm	ommbcm	bcmommo	
	The Lizard ...	1006.9	+2	E	7	of	39	97	3	5	-	-	10	10	1500	1008.1	+10	E'N	6	pr	38	92	4	5	-	-	10	10	1500	1	3	rrom	ompr	ompr	ompr	
	Scilly (St. Mary's)	1006.8	0	NE'E	6	ig	41	97	3	5	2	-	7-8	10	1500	1008.5	+12	ENE	4	o/c	38	97	6	5	2	-	7-8	10	1500	1	3	cig	cig	cig	cig	
	Guernsey ...	1006.7	-6	E'N	6	Cq	40	92	6	5	-	-	10	10	800	1005.6	+6	ENE	6	Cq	40	92	6	5	-	-	10	10	800	1	4	oq	oq	oq	oq	
6	Pembroke ...	1012.0	0	E'S	4	C	38	75	7	8	4	-	7-8	9	2500	1011.0	-8	E	5	C	34	85	6	5	-	-	10	10	1500	1	2	c	c	c	cq	
7	Holyhead ...	1013.7	-2	ENE	4	C	37	85	6	5	-	-	7	0	2-3	...	...	E'N	7	bc	35	75	6	5	-	-	1	0	2-3	1	4	bm	bm	bm	bm
	Chester (Sealand)	1017.0	-4	SE'E	2	Z ₀	34	85	6	5	-	-	10	10	2500	1016.5	+4	E	1	Z ₀	31	75	5	5	3	-	7-8	7-8	1500	4	*	cm	cm	cm	cm	
8	Manchester ...	1017.2	-6	E	4	Z ₀	34	75	5	5	-	-	7-8	7-8	1500	1016.8	+2	ENE	4	Z ₀	31	65	5	5	-	-	5	4-6	7-8	1500	4	*	effm	cz	cz	cz
10	Spurn Head ...	1018.1	-4	E	4	C	29	85	6	5	-	-	10	10	1500	1018.0	+2	ENE	5	Cq	31	85	7	5	-	-	9+	9+	1500	0	4	c	cq	cq	*	
	Catterick ...	1019.0	-10	SE'E	2	C	33	75	7	5	-	-	10	10	1500	1019.3	+6	E'N	3	C	31	75	7	5	-	-	10	10	1500	4	*	idngmc	c	cmcm	cmcm	
	Tynemouth ...	1020.5	-6	SE	4	C	35	92	7	5	-	-	10	10	1500	1020.8	+4	ESE	4	O	33	85	7	5	-	-	10	10	1500	1	2	o	o	o	o	
11	St. Abbs Head	1020.1	+12	SSE	4	C	35	92	8	8	2	-	7-8	10	1500	1019.7	+4	SSE	4	C	33	75	8	5	2	-	7-8	10	1500	0	3	cp	c	*	*	
	Leuchars ...	1019.8	0	SE	3	C	37	85	7	5	-	-	10	10	1500	1020.2	+6	SE	3	C	35	85	7	5	-	-	10	10	1500	1	*	emmc	c	*	c	
12	Renfrew (Abbots L.)	1018.4	-4	E'N	2	Z ₀	38	85	5	5	-	-	10	10	1500	1018.1	+2	ESE	3	Z ₀	36	75	5	5	-	-	10	10	1500	1	*	effm	cm	cbcbz	cbcbz	
	Eskdalemuir ...	1018.6	-4	E	2	C	32	92	6	5	-	-	10	10	1500	1019.3	+6	NNE	2	C	32	85	6	5	-	-	9+	9+	1500	6	*	omc	om	*	om	
	Point of Ayre ...	1016.7	-2	SE	5	C	37	85	7	5	3	-	7-8	7-8	1500	1016.5	0	SSE	4	C	35	85	8	5	-	-	9+	9+	1500	0	2	c	c	b	b	
13a	Three ...	1015.7	0	SE	4	O	41	75	7	5	-	-	10	10	2500	1015.7	0	SE'E	4	C	39	85	7	5	-	-	7-8	7-8	2500	0	3	co	c	cb	cb	
13b	Stornoway ...	1017.8	+2	SSW	2	C	43	75	8	5	7	-	9	10	4000	1017.4	0	ENE	1	C	42	75	8	5	7	-	9	10	4000	1	0	c	c	cb	cb	
15	Dalwhinnie ...	1019.7	0	S	3	C	34	85	5	4	6	-	7-8	9+	1500	1019.2	+2	S	4	C	32	85	5	5	6	-	3	9+	1500	8	*	c	c	*	cb	
	Aberdeen ...	1020.0	+4	S	4	df	38	85	6	6	-	-	10	10	1500	1020.5	+4	S	3	C	36	85	6	6	-	-	10	10	1500	1	1	cd	cd	cz	cz	
	Wick ...	1017.9	+4	S	3	C	41	85	7	5	7	1	4-6	7-8	1500	1017.7	+2	S	5	bc	39	85	7	5	4	-	2-3	4-6	1500	1	3	c	cb	bc	bc	
16	Lerwick...	1018.5	+2	SW	4	df	42	97	6	8	2	-	4-6	9+	800	1019.3	+2	SW'S	4	C	41	85	7	8	2	-	7-8	10	800	1	*	cd	cd	c	c	
17	Blacksod Point...	1011.0	-8	SE	4	bc	42	85	7	-	4	-	0	4-6	-	1011.5	+2	SE	4	C	42	85	7	5	-	-	10	10	800	0	3	bc	c	bc	bc	
18	Malin Head ...	1014.9	0	E	3	Z ₀	40	85	6	8	-	-	7-8	7-8	2500	1014.6	+4	E	2	Z ₀	38	85	6	8	-	-	7-8	7-8	2500	0	2	cz	cz	bc	bc	
	Aldergrove ...	1015.8	+2	ESE	2	Z ₀	37	85																												

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 10th February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th February, 1940.
1 S.E. England	Wind east to northeast, moderate, becoming variable light tonight;
2 E. England ...	mainly fine; cold, with day temperatures rising a few degrees above
3 E. Midlands ...	freezing point, and sharp to severe frost inland night and morning.
4 W. Midlands ...	
5 S.W. England	Wind east to southeast, moderate; cloudy, becoming fair; cold, with
6 South Wales ...	frost inland at night.
7 North Wales ...	Wind southeast to south, light to moderate; mainly fine; cold, with
8 N.W. England	frost night and morning.
9 N. Midlands ...	As 10 - 12.
10 N.E. England	As 1 - 4.
11 S.E. Scotland	Wind south light to moderate; fair or fine; cold, with sharp frost
12 S.W. Scotland & Isle of Man.	night and morning.
13 { A. W. Scotld. B.N.W.Scot- land.	Wind south moderate; fair; cold, with sharp frost inland night and
14 Mid Scotland	morning.
15 N. E. Scotland	Wind south to southwest, but becoming northeast in Orkney and
16 Orkneys and Shetlands	Shetland tonight, moderate; occasional sleet or rain spreading slowly
17 N. W. Ireland	from the east; cold.
18 N. E. Ireland	Wind south to southeast, moderate, fresh on coasts; variable cloud,
19 S. E. Ireland	with occasional rain in south and west; rather cold. with frost locally
20 S. W. Ireland	inland 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 small anticyclone centred over Northeast England and the adjacent North Sea will move southwards whilst a small depression developing between Shetland and Norway is expected to move slowly to the Skagerrak. Weather will be fine over most of England, Wales and Southeast Scotland, with day temperatures a few degrees above freezing point. Some sleet or rain will spread to Northeast Scotland and there will be some occasional rain also in extreme western districts.

FURTHER OUTLOOK.

Fair with night frost in southeast; milder and unsettled in northwest.

Forecasts issued at 1030.

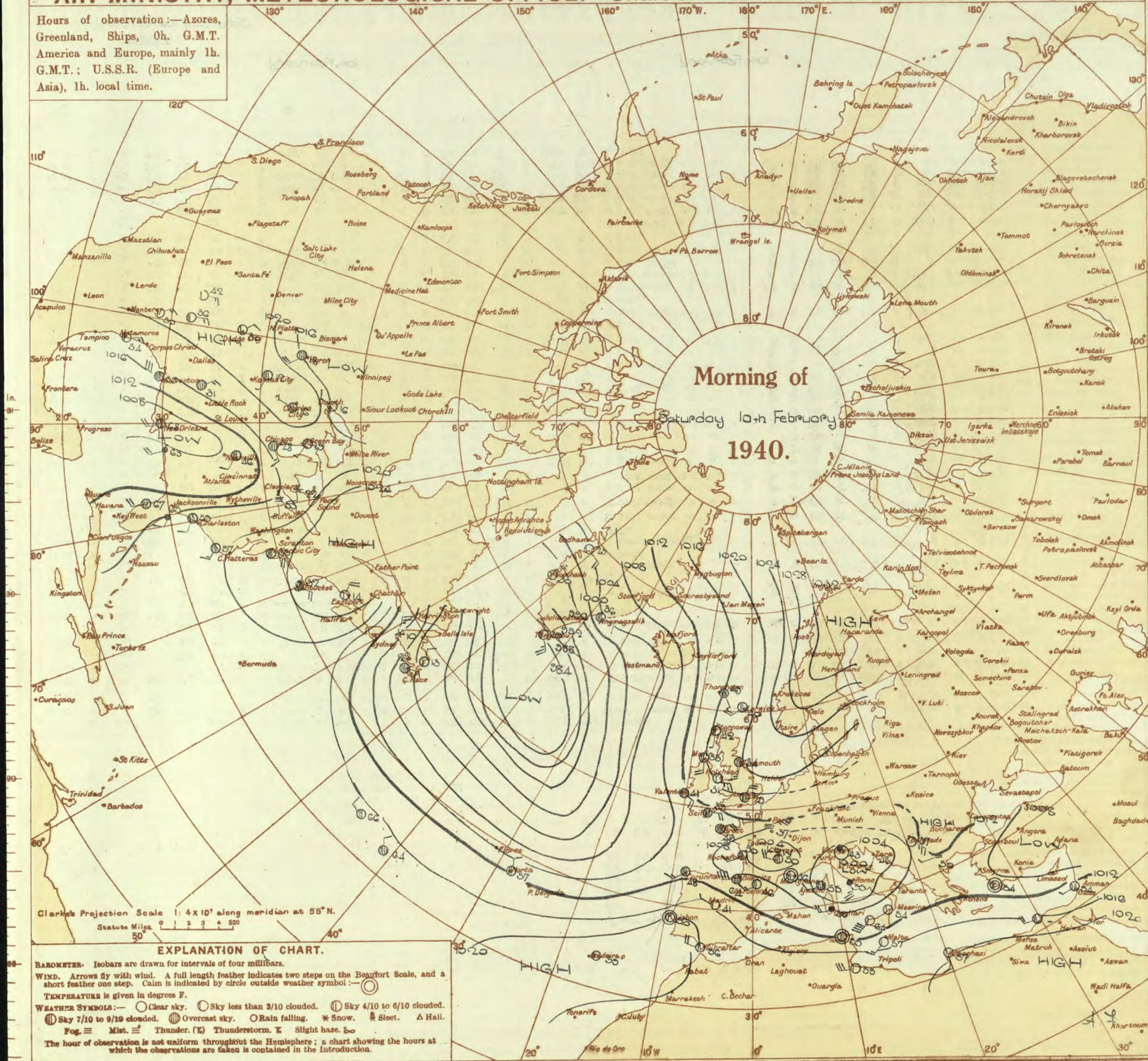
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

N.W.S.O. Press, Cornwall House, S.E.1.

Q 475/3827 Wb. 8109. O. 4226. Sp. 949/23490. 2/40

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

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



Clarke's Projection Scale 1: 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.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Saturday 10th February, 1940.
 N28562.

OBSERVATIONS at 1 hr. G.M.T. 10th February														OBSERVATIONS at 7 hr. G.M.T. 10th February														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. 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.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. mi.	TEMPERATURE.				RAINFALL.		SUN- SHINE Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					Direc.	Force.					Low.	Med.	High.	Low.			Med.	High.					Low.	Med.	High.	Low.			Med.	High.					Direc.	Force.	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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THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 11th February, 1940
No 28570.....

OBSERVATIONS at 13h. G.M.T. 10th. February														OBSERVATIONS at 18h. G.M.T. 10th. February														PAST 24 HOURS.								
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			Barom. at M.S.L. -mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.										
				Direc.	Force.					Form.	Amount.	Height of Base. (feet)			Direc.	Force.					Form.	Amount.	Height of Base. (feet)			7h.—13h. ...10h...	13h.—18h. ...10h...	18h. to 1h. 11th. ...11th...	1h.—7h. ...11th...							
																														Low.	Med.	High	Low	Total 0-10	Low	Total 0-10
1	London (Kew) ...	020.6	+10	E'S	3	Zo	33	65	5	-	-	1	-	0	1	-	1020.3	+4	E'N	3	Zo	31	65	5	-	-	2	3	*	bcnxbm	bzycbz	bcbbcz	bcnme			
	Croydon ...	020.4	+10	E'NE	3	C	33	65	6	-	-	2	0	7.8	-	1020.6	+6	E'NE	2	Zo	31	75	6	-	-	2	0	9.4	-	3	*	cmz	bczfcz	bczbcn	bcnme	
	S. Farnborough	020.3	+6	E'N	4	Zo	36	85	6	-	3	2	0	7.8	-	1021.2	+12	E'N	3	Zo	31	75	5	-	-	7	2	0	9	-	3	*	bcnxcz	stbcz	cbcbzo	bcnme
	Boscombe Down	019.2	+4	E'S	4	Zo	33	65	6	-	-	2	0	4.6	-	1019.5	+2	SE'E	3	Zo	31	75	6	-	-	0	10	-	-	3	*	bcnxcz	cm	cm	bcnme	
	Calshot (Soton.)	018.4	+10	E	5	Zo	36	65	7	-	-	8	0	9	-	1019.0	+4	E	5	Zo	34	65	6	-	-	7	8	0	7.8	-	1	4	cm.	cbano	bcnme	
	Lympe	020.6	+10	E'NE	4	bc	30	55	8	-	-	2	0	4.6	-	021.0	+8	E'NE	3	bc	27	65	7	-	-	8	0	4.6	-	3	3	bc	bc	bc		
	Manston	021.0	+10	E'S	4	bc	31	66	7	-	-	6	0	4.6	-	021.4	+12	E	3	C	29	75	7	-	-	6	0	7.8	-	3	*	bzobc	bc	bc		
2	Shoeburyness ...	021.1	+8	E	4	bc	32	97	8	-	6	2	0	4.6	-	021.3	+4	ESE	3	bc	31	92	8	-	-	4	0	7.8	-	3	*	bc	bc	bc		
	Felixstowe	021.5	+10	E'N	3	C	33	65	8	-	-	6	0	7.8	-	021.7	+8	SSW	3	C	29	75	8	-	-	8	0	9	-	3	2	bc	bc	bc		
	Gorleston	022.9	+10	ESE	3	bc	30	85	7	1	-	4	6	2500	-	021.8	+2	SE'S	3	bc	29	85	7	-	-	4	0	2.3	-	3	2	bc	bc	bc		
	Mildenhall	021.0	0	SE	2	C	30	75	7	5	-	7	Tr	10	4000	021.3	+2	SE	2	C	28	92	7	-	-	6	0	7.8	-	3	*	bc	bc	bc		
	Cranwell	021.0	-6	SSE	2	C	31	85	7	-	-	6	0	9.4	-	021.0	-2	SSE	1	bc	29	97	6	-	-	6	0	4.6	-	4	*	cm	bc	bc		
3	Birmingham	020.5	+4	SE	2	C	31	55	7	-	-	6	0	7.8	-	020.0	+2	SSE	2	C	31	55	6	-	-	8	0	9	-	8	*	bc	bc	bc		
	Upper Heyford	020.5	+2	E'S	3	bc	33	75	7	-	-	8	0	4.6	-	020.3	+2	ESE	2	C	30	65	4	-	-	6	0	9	-	3	*	bcn, bc	bc	bc		
4	Ross-on-Wye ...	019.8	+4	E	2	C	33	65	6	-	-	2	0	7.8	-	019.6	0	E'S	1	C	31	75	5	-	-	8	0	9	-	1	*	bc	bc	bc		
5	Hartland Point	016.9	+8	ESE	3	C	33	75	7	-	4	7	2.3	10	4000	016.7	+4	E	4	C	35	85	8	5	-	-	9.4	9.4	2500	0	2	C	bc	bc		
	Bristol ...	020.0	+8	E	3	C	34	65	6	-	-	6	0	7.8	-	019.3	+6	ESE	2	Zo	31	75	6	-	-	7	6	0	9	-	3	*	bcn, bc	bcn	bc	
	Portland Bill	017.4	+10	E'NE	5	C	36	92	7	5	-	10	10	4000	-	017.4	+8	E'NE	5	C	36	92	8	5	-	-	10	10	4000	-	1	4	C	bc		
	Plymouth	017.1	+6	E'N	4	Zo	37	75	7	5	2	-	7.8	9.4	1500	017.1	+6	E	4	C	38	65	8	5	3	8	Tr	10	2500	1	2	C	bc			
	The Lizard	016.9	+10	E'S	5	C	40	85	7	8	2	-	9	10	1500	016.6	+6	ESE	4	C	40	85	8	5	-	-	10	10	1500	0	3	C	bc			
	Scilly (St. Mary's)	013.9	+2	ESE	5	C	43	85	7	5	2	-	7.8	10	1500	014.3	+8	E'S	4	C	43	85	7	5	2	-	7.8	10	1500	1	3	C	bc			
	Guernsey	015.6	+10	E	3	bc	40	75	7	1	7	8	Tr	4.6	2500	016.0	+10	SE	3	C	38	85	6	5	1	-	4.6	9.4	2500	1	4	C	bc			
6	Pembroke	016.6	+6	SE	4	C	35	75	7	5	-	9.4	9.4	1500	-	016.3	0	SSE	6	C	37	75	7	5	-	-	9.4	9.4	1500	1	2	C	bc			
	Holyhead	017.3	+2	S	1	C	39	55	7	5	3	7	Tr	10	5700	017.2	+4	SE	4	C	37	55	8	5	7	8	4.6	10	5700	1	2	C	bc			
	Chester (Sealand)	020.2	+2	SE	4	Zo	32	75	6	-	-	6	0	9	-	019.1	-2	SE	3	Zo	32	75	5	-	-	6	0	10	-	3	*	bcn, bc	bc	bc		
8	Manchester	020.8	+4	SSE	2	Zo	36	45	6	-	-	6	0	7.8	-	019.9	+2	SE	2	Zo	31	65	5	-	-	8	0	4.6	-	4	*	bcn, bc	bc	bc		
10	Spurn Head	021.4	+2	SSE	4	C	30	92	7	5	-	9.4	9.4	2500	-	021.0	0	SSW	3	bc	29	85	6	-	-	2	0	4.6	-	0	2	C	bc			
	Catterick	020.7	-6	S	2	C	32	75	7	5	-	5	4	7.8	1500	019.5	-2	S	2	Zo	28	75	6	-	-	6	0	9	-	4	*	bc	bc			
	Tynemouth	020.4	0	SSW	3	Zo	32	65	5	2	-	4	6	2500	-	019.6	-4	SW	3	m	30	85	4	2	-	-	4	6	2500	3	2	C	bc			
11	St. Abbs Head	018.4	-10	SW	3	bc	34	75	8	4	5	1	2.3	4.6	2500	017.0	-4	SW	2	bc	33	75	8	4	4	-	2.3	4.6	2500	0	2	C	bc			
	Leuchars	018.6	-6	W	1	bc	34	85	7	-	-	0	4.6	-	-	017.0	-4	W	2	Zo	33	75	6	-	-	6	0	7.8	-	1	*	bc	bc			
12	Renfrew (Abbots L.)	018.8	-6	-	0	bc	33	55	5	-	-	6	0	2.3	-	018.0	-2	-	0	3	31	75	4	-	-	7	0	9.4	-	1	*	bc	bc			
	Eskdalemuir	019.3	-4	SW	1	bc	30	65	8	-	-	6	0	2.3	-	018.4	-2	-	0	C	26	65	6	-	-	6	0	9	-	8	*	bc	bc			
	Point of Ayre	018.1	+4	S	3	C	36	75	7	2	-	6	Tr	7.8	2500	017.3	-2	S	5	C	35	75	6	5	2	7	4.6	10	1500	0	3	C	bc			
13A	Tiree ...	018.3	0	SE	5	C	37	75	8	5	-	9.4	9.4	2500	-	014.8	0	SE/E	4	C	38	85	7	5	-	-	9	9	1500	0	4	C	bc			
13B	Stornoway	017.6	+2	S	2	C	43	92	8	5	7	-	4	6	4000	-	017.8	+2	-	0	C	35	92	7	5	7	7.8	9	4000	1	0	bc	bc			
15	Dalwhinnie	018.7	-10	SW	2	b	33	85	8	-	-	5	0	1	-	-	+2	-	0	bc	24	97	8	4	-	8	4	4000	8	-	bc	bc				
	Aberdeen	016.7	-18	SW'S	3	b	36	65	7	5	3	5	Tr	1	2500	015.5	+6	NNW	2	m	33	75	4	5	3	2	1	2.3	2500	3	1	bc	bc			
	Wick ...	016.0	-4	NNW	1	bc	38	85	7	5	8	2	2.3	4.6	2500	016.4	+8	E'NE	3	C	39	85	7	5	7	7	7.8	10	1500	1	2	bc	bc			
16	Lerwick...	018.1	0	NE/E	3	C	36	85	8	5	3	-	7.8	9.4	1500	017.6	0	NE	5	C	35	75	8	5	7	-	7.8	9	1500	1	*	bc	bc			
17	Blacksod Point...	009.7	-2	ESE	6	ir	40	92	7	6	-	-	10	10	1500	008.8	0	ESE	5	C	43	85	7	6	-	-	9.4	9.4	4000	1	4	ir	bc			
18	Malin Head	014.3	-8	S	4	C	37	75	8	5	2	-	2.3	9	5700	012.9	-2	SSE	5	C	37	85	7	8	7	-	4.6	9	4000	0	2	C	bc			
	Aldergrove	016.3	-2	S'E	3	C	38	65	7	5	3	7	4.6	9.4	2500	015.6	-2	ESE	2	C	36	85	7	5	7	-	4.6	10	4000	1	*	bcn, bc	bc			
19	Birr Castle	013.2	0	SSE	4	C	38	92	7	5	-	-	10	10	1500	013.1	0	ESE	3	id	38	92	7	5	6	-	10	10	2500	1	*	bc	bc			
20	Valentia Obey.†	008.9	+8	SE'S	6	dd	47	92	6	5	-	-	10	10	1500	009.7	+8	SE'S	5	ir	48	92	6	6	2	-	7.8	10	800	1	4	C	bc			
	Roches Point ...	012.5	+4	SE	2	ir	45	85	7	6	2	-	7.8	10	1500	012.6	+4	SE'S	6	dd	44	97	5	5	-	-	10	10	450	1	4	C	bc			

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).
be, sky partly cloudy (one half covered). c, generally cloudy.
d, drizzle. e, wet air. g, gloom.
f, fog, visibility 220-1100 yds.
F, thick fog, " less than 220 yds.
fs, low fog over sea (coast station).
fg, low fog over land (inland station).
m, mist, visibility 1100-2200 yds.
h, hail. i, intermittent.
jf, fog at a distance, but not at station.
jp, precipitation within sight of station.
ks, storm of drifting snow.
k/s, slight storm of drifting snow (generally low).
k/S, heavy storm of drifting snow (generally low).
s/k, slight storm of drifting snow (generally high).
S/k, heavy storm of drifting snow (generally high).
KQ, line squall. l, lightning.
o, overcast sky. p, passing showers.
q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, ugly, threatening sky.
v, unusual visibility. w, dew.
x, hoar frost. y, dry air.
z, dust haze: the turbid atmosphere of dry weather.
b(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.

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.

Column 15. "5" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky.

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

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

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.

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

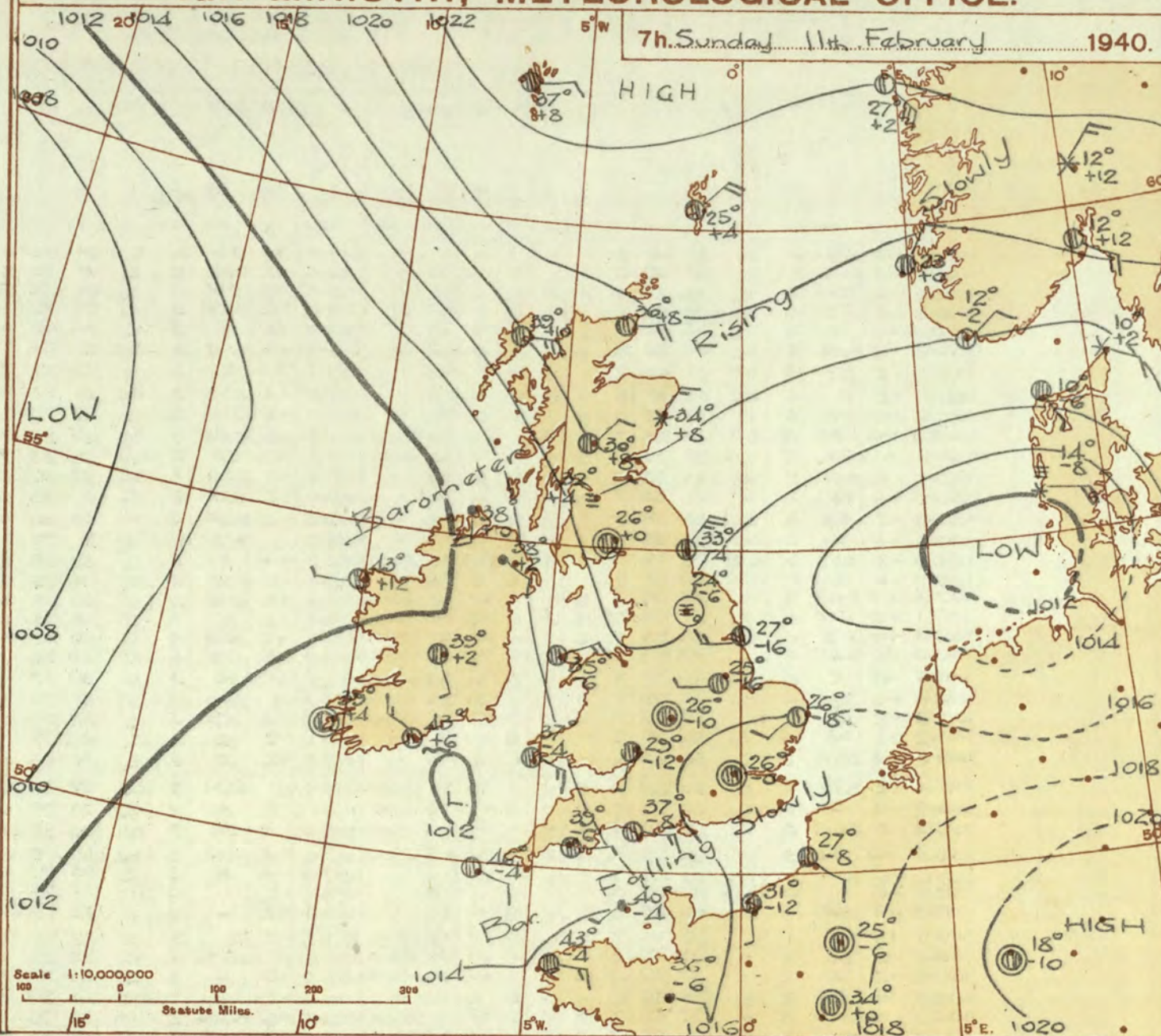
COLUMN 29 — STATE OF GROUND.

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

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 11th February 1940



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th February, 1940.
1 S.E. England	Winds becoming northeast, moderate to fresh locally on the coast; dull; slight snow showers locally; cold with temperatures near freezing point.
2 E. England ...	
3 E. Midlands ...	Wind northeast, moderate to fresh at times on the coast; dull; snow showers; cold, frost locally.
4 W. Midlands ...	
5 S.W. England	As 1.
6 South Wales ...	
7 North Wales ...	Wind easterly to variable light; cloudy; light rain or sleet locally; snow on the high ground; rather cold.
8 N.W. England	
9 N. Midlands ...	Wind easterly moderate to fresh locally on the coasts; cloudy or dull; local snow showers chiefly near the East coast; cold, frost locally at night.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scot ^{ld} . 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	Wind variable, light; occasional rain or sleet, perhaps snow locally; rather cold.
20 S. W. Ireland	

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

GENERAL INFERENCE.

A large anticyclone to north and northeast of the British Isles is spreading slowly southwestwards, whilst a belt of relatively low pressure stretches from southwest of the British Isles to Denmark. Northeasterly winds will spread to most districts with slight snow showers in places. Conditions will continue cold.

FURTHER OUTLOOK.

Continuing cold.

Forecasts issued at 1030.

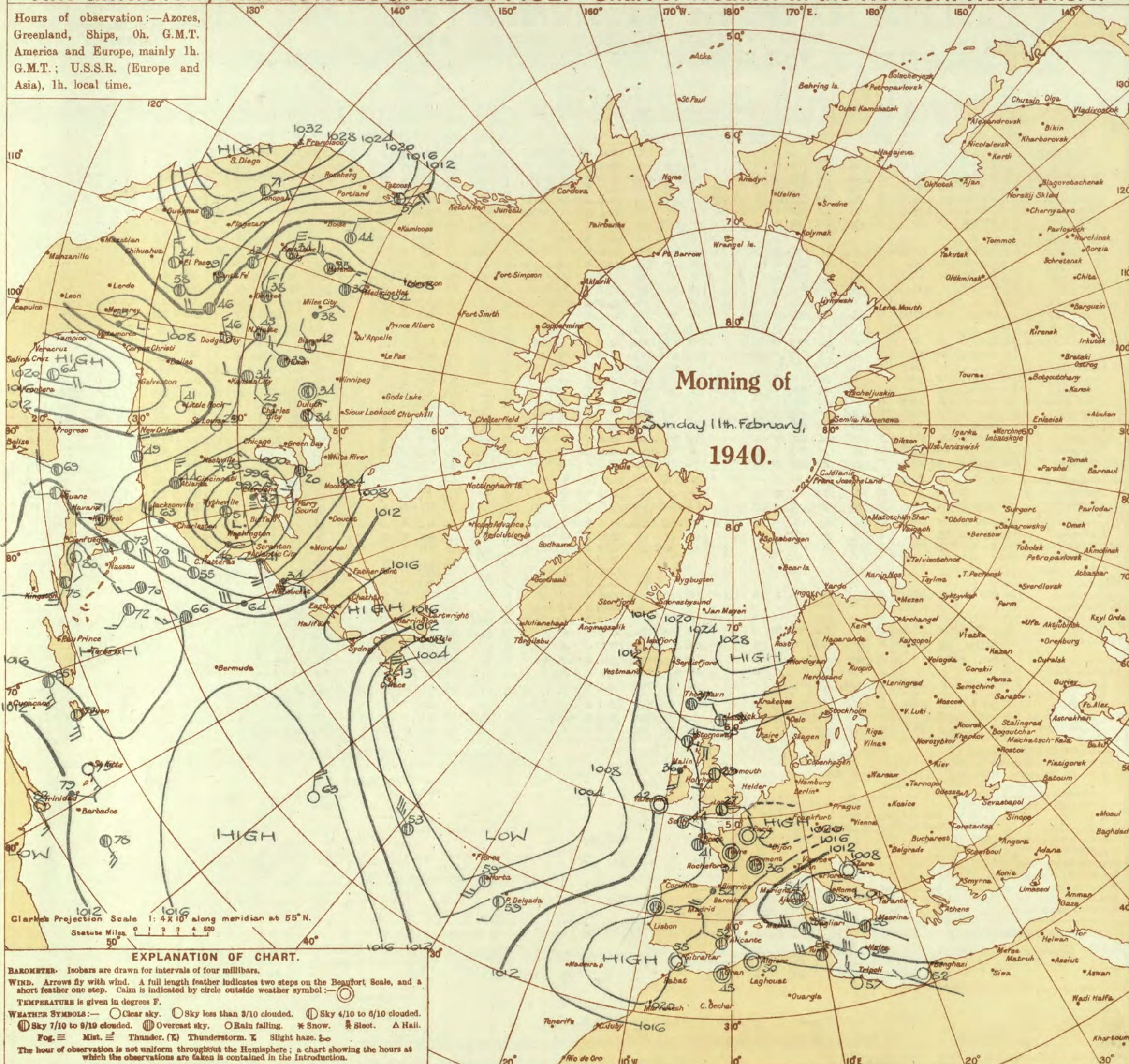
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

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

Q 475/3827 Wt. 8108. D. 4626. Co. 949/234.90. 2/9

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.



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. & Fog.

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.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 11th February, 1940.

No 2857a.

OBSERVATIONS at 1 hr. G.M.T. 11th February														OBSERVATIONS at 7 hr. G.M.T. 11th February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.			Sun-shine 10h-11h.		
					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
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1016.3	-10	ENE	1	Zo	27	85	5	5	7	-	7-8	10	4000	3	*	34	25	17	-	-	4.9		
	Croydon ...	217	1013.1	-12	E	2	Zo	27	87	5	3	-	0	7-8	1016.4	0	-	0	26	87	6	5	3	-	0	9	-	3	*	35	24	17	-	-	6.4		
	S. Farnborough ...	226	1013.0	-6	E	3	Zo	28	85	5	5	-	2-3	2-3	1015.5	-14	ESE	1	m	25	85	4	5	-	7-8	7-8	4000	3	*	37	23	19	-	-	4.3		
	Boscombe Down ...	417	1017.8	-12	ESE	2	Zo	28	75	6	7	8	0	2-3	1015.5	-8	ESE	2	Zo	28	92	6	5	-	9+	9+	5700	3	*	36	26	24	-	-	4.5		
	Calshot (Stmntn.) ...	8	1017.8	-12	SE'E	3	Zo	38	75	6	7	8	0	4-6	1015.4	-10	ENE	2	Zo	34	85	6	5	-	10	10	4000	0	2	36	31	30	-	-	4.6		
	Lympe ...	346	1019.0	-10	SSE	2	Zo	26	75	7	-	-	0	0	1016.0	-12	WSW	1	Zo	25	85	6	-	8	0	2-3	-	3	32	25	21	-	-	8.1			
	Manston ...	154	1020.0	-6	S	2	Zo	26	75	6	-	-	0	2-3	1016.4	-10	-	0	25	92	5	-	3	-	0	7-8	-	3	*	32	25	19	-	-	7.8		
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	1016.7	-12	-	0	24	85	7	5	-	10	10	5700	3	*	31	23	19	-	-	7.9			
	Felixstowe ...	15	1019.7	-0	SSE	3	Zo	31	75	6	-	-	0	2-3	1016.6	-10	SW	1	Zo	27	85	6	-	7	0	10	-	3	2	33	25	21	-	-	7.8		
	Gorleston ...	5	1019.8	-4	SW	1	Zo	27	85	7	-	-	0	0	1016.1	-18	SW	1	Zo	26	85	7	-	4	0	4-6	-	3	2	30	25	24	-	-	*		
	Mildenhall ...	19	1013.7	-12	ESE	1	Zo	24	92	6	-	-	0	0	1016.0	-18	SW	2	Zo	25	92	6	5	7	8	4-6	7-8	4000	3	*	35	21	17	-	-	7.1	
	Cranwell ...	240	1019.5	-10	-	0	Zo	24	92	5	-	-	0	0	1015.8	-16	W	1	Zo	25	92	5	5	2	8	2-3	9+	4000	8	*	32	23	17	-	-	4.3	
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	1015.6	-10	-	0	26	85	5	-	8	0	9	-	8	*	32	24	19	-	-	4.4			
	Upper Heyford ...	408	1019.5	-10	ESE	2	Zo	25	75	5	-	-	0	0	1016.5	-10	E	1	m	25	85	4	5	-	9+	9+	5700	3	*	36	23	15	-	-	*		
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	1015.5	-12	S	1	Zo	29	92	6	5	-	10	10	2500	3	*	34	28	24	-	-	3.6		
5	Hartland Point ...	299	1015.5	-12	E	3	bc	34	75	8	5	-	7-8	7-8	1013.3	-10	SE	3	C	35	92	7	5	1	-	4-6	5	1500	0	2	35	32	29	-	-	0.1	
	Bristol ...	209	1018.7	-10	E	2	bc	28	75	6	5	-	2-3	2-3	1015.7	-14	E	1	Zo	20	85	6	5	-	7-8	10	2500	3	*	36	26	19	-	-	1.7		
	Portland Bill ...	32	1016.6	-4	SSE	3	bc	39	85	8	5	-	2-3	2-3	1014.4	-8	E	3	0	37	92	7	5	-	10	10	4000	1	3	36	34	-	-	-	-		
	Plymouth ...	82	1015.5	-10	SE	1	id	38	85	6	5	-	10	10	1014.1	-6	E	1	Zo	39	92	6	5	-	9	9	1500	1	2	35	37	33	-	-	0.4		
	The Lizard ...	240	1015.6	-4	-	0	C	40	85	7	8	2	-	9	10	1013.7	-4	-	0	42	97	6	5	-	10	10	1500	1	2	41	37	-	-	0.5			
	Scilly (St. Mary's) ...	163	1014.8	+2	SE'S	3	C	44	85	7	5	2	-	4-6	10	1012.8	-4	SE'S	2	C	46	97	6	5	2	-	4-6	9+	1500	1	3	43	42	-	-	0.0	
	Guernsey ...	175	1016.3	-6	SE	1	dd	39	92	5	5	-	10	10	1014.0	-4	SW'S	1	dd	40	97	5	5	-	10	10	800	1	3	41	37	36	4	-	4.4		
6	Pembroke ...	142	1016.0	-2	SE	1	C	37	85	7	5	-	10	10	1013.5	-4	SE'E	3	C	37	92	7	5	-	9+	9+	2500	1	2	38	36	-	-	0.0			
7	Holyhead ...	26	1016.4	-8	SE	3	C	32	65	7	5	-	9+	9+	1015.0	-6	ENE	3	C	35	85	7	5	-	10	10	2500	1	2	40	33	34	-	-	1.0		
	Chester (Sealand) ...	16	1017.8	-14	SE'S	2	m	30	85	4	5	-	10	10	1016.0	-4	-	0	30	92	5	5	-	9+	9+	2500	3	*	33	30	27	-	-	2.3			
8	Manchester ...	70	1018.3	-14	ESE	1	Zo	29	75	6	5	-	9+	9+	1016.1	-10	-	0	30	75	4	5	2	-	4-6	10	4000	4	*	36	28	24	-	-	4.1		
10	Spurn Head ...	29	1019.0	-10	SW	2	bc	27	85	6	-	2	-	0	4-6	1015.3	-16	W	3	C	27	85	6	-	2	0	7-8	-	3	1	32	26	-	-	1.2		
	Catterick ...	175	1017.2	-12	S	2	m	24	85	4	-	-	0	0	1016.1	-6	-	0	24	85	4	-	-	6	0	4-6	-	*	32	22	18	-	-	3.4			
	Tynemouth ...	108	1018.8	-4	SW	2	m	29	92	4	5	-	4-6	4-6	1017.1	-4	NE	5	C/S	33	97	6	6	-	10	10	1500	4	3	33	28	0.3	-	-	*		
11	St. Abbs Head ...	280	1016.4	-4	WNW	3	bc	33	75	7	4	2	2-3	4-6	1016.5	+2	SSE	4	C	36	65	8	3	6	-	9	9+	1500	4	3	36	31	-	-	0.4		
	Leuchars ...	36	1017.2	+2	W	2	Zo	31	85	6	-	-	0	0	1018.3	-10	H	2	C	33	85	8	5	7	-	9	10	1500	0	*	37	29	22	-	-	5.3	
12	Benfrew (Abbots I.) ...	19	1017.6	-2	-	0	C	27	87	3	-	-	0	0	1017.6	-4	ENE	1	Cf	32	75	3	5	1	-	9	9+	2500	1	*	39	26	25	-	-	3.6	
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	1017.0	0	-	0	26	92	6	5	-	9+	9+	800	8	*	32	24	24	-	-	6.6			
	Point of Ayre ...	30	*	*	*	*	*	*	*	*	*	*	*	*	1015.2	0	SE	4	C	35	85	7	5	2	-	9	10	1500	0	2	37	32	-	-	1.6		
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	1013.5	+2	ESE	3	C	38	85	7	5	-	9	9	2500	0	3	40	37	35	-	-	0.1		
13B	Stornoway ...	80	1017.8	+4	E	4	C	41	75	6	5	2	-	7-8	10	1018.7	+10	E	5	C	39	65	7	5	7	-	7-8	9+	2500	0	3	43	33	-	-	1.3	
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	1018.5	+8	NE	2	0	30	85	7	5	-	10	10	2500	8	*	35	17	15	-	-	4.3		
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	1017.3	+8	ENE	3	off	34	85	7	5	-	10	10	4000	3	1	40	32	29	-	-	7.1		
	Wick ...	81	1018.0	+4	ESE	4	C	36	75	7	5	7	-	4-6	7-8	1019.9	+8	E	4	Cphr	36	75	7	5	7	-	7-8	10	1500	1	2	41	33	-	-	0.5	
16	Lerwick ...	166	1021.0	+6	ENE	5	C	35	75	8	5	7	-	7-8	9	1021.4	+4	NE	4	C	35	92	8	5	7	-	4-6	7-8	1500	1	*	40	33	-</			

THE DAILY WEATHER REPORT

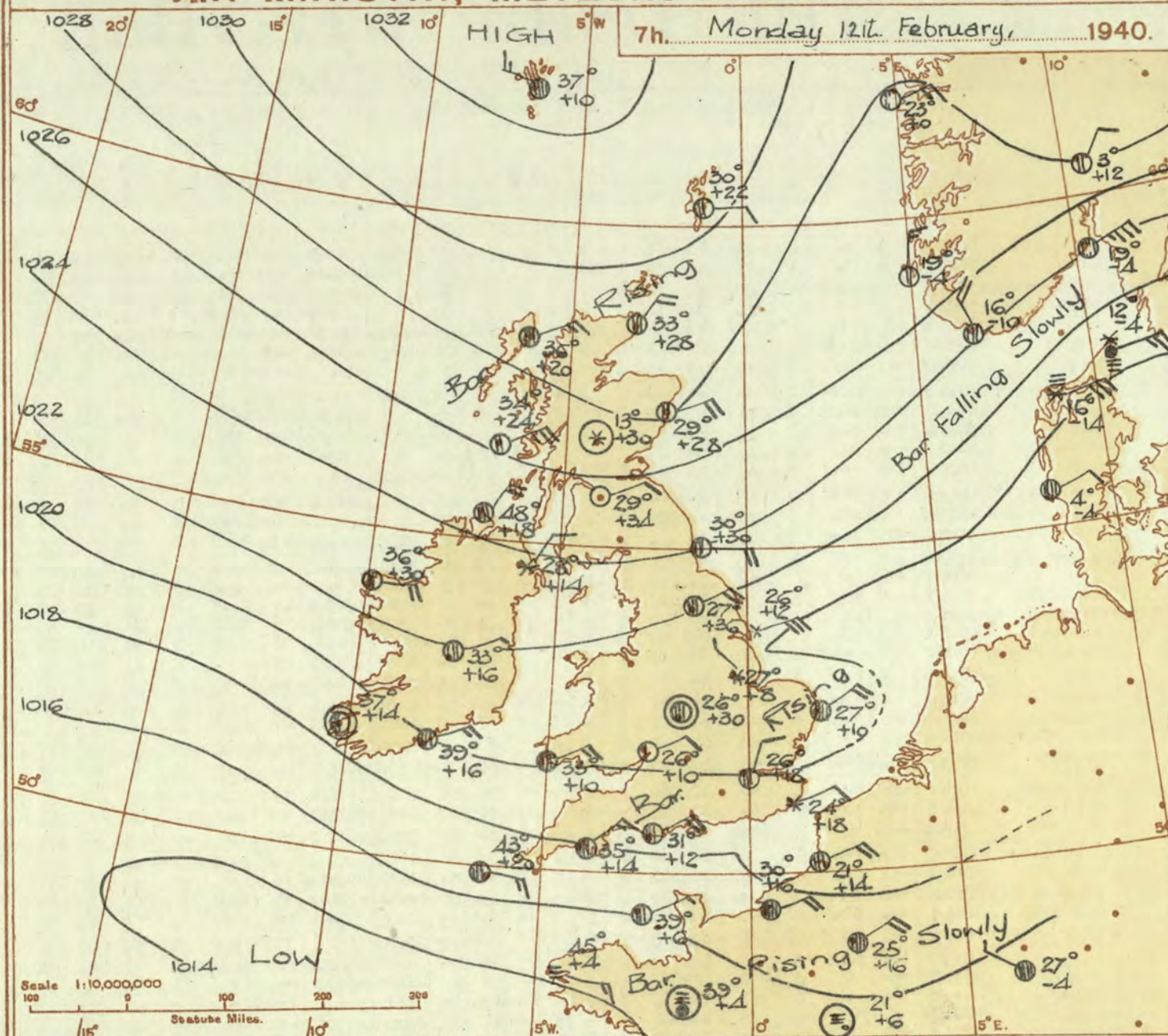
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday, 12th February 1940.
No. 28571.

OBSERVATIONS at 13h. G.M.T. 11th February														OBSERVATIONS at 18h. G.M.T. 11th February														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)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.							
				Dir.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Dir.			Force.	Form.					Amount.	Height of Base. (feet) (28)	7h.—13h. 11h.....	13h.—18h. 11h.....			18h.—to 12h.....	1h.—7h. 12h.....						
1	London (Kew)...	1015.3	-4	W	1	m	35	75	4	5	7	-	4.6	3+	4000	1015.9	+10	NNE	2	z	33	65	5	5	-	4.6	4.6	4000	3	*	mxc	cm	bccz	cbcz	
	Croydon ...	1015.7	-6	W	1	cf	35	92	2	5	3	-	7.8	10	4000	1015.9	+4	NW	2	bcl	33	85	2	5	-	4.6	4.6	2500	3	*	mcf	cf	bcl	cm	
	S. Farnborough	1015.5	-4	NW	1	z	37	75	6	-	3	-	0	9+	-	1015.9	+12	N	2	z	33	75	5	5	3	-	2.3	7.8	5700	1	*	cm	cm	bccis	cm
	Boscombe Down	1015.3	-2	-	0	z	37	65	5	-	3	-	0	9+	-	1015.7	+6	NEN	1	z	33	75	5	5	-	9+	9+	4000	1	*	cm	cm	cmid	cm	
	Calshot (Soton.)	1015.4	0	E	1	z	38	75	6	5	3	-	7.8	9+	4000	1015.3	+4	NNE	2	z	38	75	5	5	3	-	4.6	10	4000	0	1	cm	cm	cm	cm
	Lymington	1015.6	-6	NW	2	z	35	75	6	5	7	-	4.6	3+	5700	1016.0	+14	NW	3	z	31	85	5	7	-	4.6	4.6	4000	1	0	cm	cm	cm	cm	
	Manston	1014.9	-6	NW	3	z	33	85	5	-	7	-	0	3	-	1015.5	+12	E	4	m	33	85	4	5	-	10	10	1500	3	*	cm	cm	cm	cm	
2	Shoeburyness ...	1015.5	-4	NW	2	c	36	75	5	1	-	9	10	5700	1013.4	+8	-	0	z	33	85	6	-	9	-	0	10	-	3	*	cm	cm	cm	cm	
	Felixstowe ...	1014.9	-6	NW	2	z	35	75	5	-	7	-	0	9	-	1016.3	+18	NEN	5	is	32	85	6	6	7	-	7.8	10	1500	1	3	cm	cm	cm	cm
	Gorleston ...	1014.6	-4	NW	2	z	31	92	5	-	7	10	10	2500	1015.5	+12	NE	5	c	30	85	7	8	-	10	10	2500	0	3	bccz	cm	cm	cm		
	Mildenhall ...	1015.3	-4	NW	2	z	34	97	5	-	7	7	0	9+	-	1017.0	+4	NE	4	z	31	97	6	5	2	-	7.8	10	2500	*	cm	cm	cm	cm	
	Cranwell ...	1015.9	+4	NW	2	m	32	92	4	5	2	-	9+	10	2500	1018.2	+18	ENE	2	c	29	85	7	5	-	10	10	4000	4	*	cm	cm	cm	cm	
3	Birmingham	1016.1	+4	NNE	2	m	33	55	4	-	3	-	0	7.8	-	1017.6	+12	NE	4	0	31	85	5	5	-	10	10	800	8	*	cm	cm	cm	cm	
	Upper Heyford	1015.9	-2	NW	2	z	33	75	6	-	9	6	0	9+	-	1016.4	+6	NE	3	m	32	92	4	5	7	-	4.6	10	1500	3	*	cm	cm	cm	cm
4	Ross-on-Wye ...	1015.6	0	NNE	2	z	33	65	6	5	1	-	9+	10	2500	1016.4	+4	NE	2	m	34	75	4	5	-	10	10	1500	1	*	cm	cm	cm	cm	
5	Hartland Point	1014.0	+4	NE	3	c	41	92	6	5	2	-	7.8	10	800	1014.0	+4	ENE	3	c	40	97	6	5	2	-	7.8	10	800	1	3	c	cm	cm	cm
	Bristol ...	1016.0	+2	N	1	cf	36	75	3	-	-	9	9	4000	1016.1	+6	NNE	2	cf	33	75	3	5	-	9+	9+	2500	1	*	cm	cm	cm	cm		
	Portland Bill ...	1014.7	-4	NE	3	c	37	85	7	4	-	10	10	4000	1014.8	+2	ENE	3	0	39	92	7	5	-	10	10	2500	1	3	c	cm	cm	cm		
	Plymouth ...	1014.4	-2	SE	1	z	45	75	6	5	-	9+	9+	2500	1014.5	+4	ESE	2	id	41	92	5	5	2	-	7.8	10	1500	1	2	cm	cm	cm	cm	
	The Lizard ...	1013.8	-4	SE	2	c	47	97	6	5	2	-	9	10	1500	1013.6	+0	ENE	2	c	46	92	7	8	2	-	3	10	1500	1	2	c	cm	cm	cm
	Seilly (St. Mary's)	1013.2	+2	NW	1	c	53	85	7	4	-	4.6	7.8	1500	1013.2	+2	-	0	c	44	97	7	5	2	-	4.6	10	1500	1	2	c	cm	cm	cm	
	Guernsey ...	1013.9	-4	NW	1	c	46	85	6	8	-	9+	9+	1500	1014.1	+4	-	0	c	44	85	6	5	1	-	7.8	10	1500	1	3	cm	cm	cm	cm	
6	Pembroke ...	1014.4	+2	ESE	4	c	38	92	6	5	-	9+	9+	2500	1014.3	+2	ESE	3	c	38	92	6	8	-	9+	9+	1500	1	2	cm	cm	cm	cm		
	Holyhead ...	1015.3	+2	NE	4	c	37	75	7	5	-	10	10	4000	1016.3	+10	ENE	4	c	37	85	5	5	-	10	10	220	1	3	cm	cm	cm	cm		
	Chester (Sealand)	1016.8	+2	-	0	m	35	65	4	5	3	-	4.6	3+	2500	1016.5	+12	ENE	2	z	34	75	6	5	-	9+	9+	4000	3	*	cm	cm	cm	cm	
8	Manchester ...	1017.1	+6	ENE	3	m	38	65	4	5	3	-	2.3	9+	5700	1018.8	+14	ENE	4	z	31	75	5	5	3	-	7.8	10	2500	4	*	cm	cm	cm	cm
10	Spurn Head ...	1016.1	+12	NE	4	c	33	85	7	5	-	10	10	2500	1018.4	+8	EN	4	c	31	85	7	5	-	10	10	2500	0	3	c	cm	cm	cm		
	Catterick ...	1018.3	+18	NE	3	c	33	85	7	5	2	-	9	10	1500	1019.2	+2	NE	1	is	30	85	6	5	-	10	10	1500	4	3	cm	cm	cm	cm	
	Tynemouth ...	1019.6	+16	E	5	sp	33	75	8	8	-	9+	9+	2500	1019.9	+4	E	4	c	33	85	8	8	-	10	10	2500	4	3	cm	cm	cm	cm		
11	St. Abbs Head	1020.0	+18	NE	4	c	33	75	8	8	2	-	7.8	10	2500	1019.4	-2	NNE	2	c	33	85	8	8	6	-	4.6	7.8	2500	4	2	cm	cm	cm	cm
	Leuchars ...	1019.8	+6	ENE	3	c	35	65	8	5	-	10	10	2500	1020.4	+6	-	0	c	33	75	8	5	-	10	10	2500	1	*	cm	cm	cm	cm		
12	Renfrew (Abbots L.)	1019.5	+10	EN	3	is	36	75	6	5	-	10	10	4000	1020.8	+8	ENE	2	c	34	65	7	5	-	10	10	2500	1	*	cm	cm	cm	cm		
	Eskdalemuir ...	1018.8	+6	EN	4	c	32	75	8	5	-	10	10	1500	1020.1	+8	EN	2	c	29	85	7	5	-	10	10	1500	8	*	cm	cm	cm	cm		
	Point of Ayre ...	1017.2	+2	SE	3	c	39	75	7	4	2	-	4.6	10	1500	1018.8	+12	ES	4	c	35	65	7	5	-	10	10	2500	0	3	c	cm	cm	cm	
13A	Tiree ...	1017.7	+4	ESE	3	c	38	75	8	5	-	9+	9+	2500	1019.3	+14	ESE	2	c	37	75	8	5	-	9+	9+	2500	0	3	c	cm	cm	cm		
13B	Stornoway ...	1021.3	+6	E	5	c	37	65	8	5	-	9	9	4000	1023.1	+14	E	3	bo	36	65	8	5	-	2.3	2.3	4000	0	2	c	cm	cm	cm		
15	Dalwhinnie ...	1020.5	+6	E	3	c	31	97	7	6	-	4.6	9+	2500	*	+2	-	0	c	27	57	8	5	6	-	4.6	3+	4000	8	*	c	cm	cm	cm	
	Aberdeen ...	1020.5	-2	NNE	2	c	36	65	8	6	3	-	1	3	2500	1019.5	-10	NW	3	c	33	85	6	5	-	9	9	2500	1	1	cm	cm	cm	cm	
	Wick ...	1021.4	+4	N	3	c	37	65	8	5	7	-	7.8	10	1500	1020.6	-6	NNE	4	c	37	75	7	5	7	-	7.8	3+	1500	1	2	c	cm	cm	cm
16	Lerwick ...	1021.0	-4	ENE	5	sp	36	75	8	8	7	-	7.8	9+	1500	1022.0	+12	NE	6	c	34	85	8	8	2	-	4.6	7.8	1500	1	*	cm	cm	cm	cm
17	Blacksod Point...	1012.9	+12	-	0	bc	48	92	6	2	-	4.6	4.6	450	1014.4	+10	-	0	c	45	37	7	5	-	10	10	450	0	3	if	cm	cm	cm		
18	Malin Head ...	1016.2	+14	SE	3	cf	39	85	6	8	-	9	9	1500	1018.8	+18	E	2	c	37	85	7	8	-	9	9	2500	0	4	cm	cm	cm	cm		
	Aldergrove ...	1016.7	+14	E	4	is	35	92	5	6	2	-	4.6	10	800	1018.5	+14	E	3	cf	34	85	6	6	2	-	9+	10	800	1	*	cm	cm	cm	cm
19	Birr Castle ...	1013.6	+4	S	1	0	44	92	7	5	-	10	10	2500	1014.8	+8	NNE	1	c	41	92	7	5	-	10	10	1500	1	1	c	cm	cm			

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 12th February, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th February, 1940.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ...	Wind northeast, moderate to fresh or strong on the coast, backing slowly; mainly cloudy, slight occasional snow today, especially in the east; some bright periods tonight and tomorrow; practically continuous frost.
5 S.W. England 6 South Wales ... 7 North Wales ... 8 N.W. England	Wind northeast, moderate or fresh; bright periods; local snow showers; cold; frosty.
9 N. Midlands ... 10 N.E. England 11 S.E. Scotland 12 S.W. Scotland & Isle of Man.	Wind northeast, moderate or fresh, backing slowly north; variable sky; snow showers; brighter intervals; frosty.
13 { A.W.Scotld. B.N.W.Scot- land.	Wind northeast, moderate to light; fair to fine; cold, severe night frost.
14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Wind northeast, backing north, moderate, freshening later; variable sky; snow showers; cold; local frost.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Wind easterly, moderate to light; fair apart from scattered snow showers; cold, sharp night frost.

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 the Faeroes and Iceland is moving southwestwards, whilst a small depression off N.W. Germany is moving east-southeast. A depression in the far north is expected to move southwards and cause a marked fall of pressure in Scandinavia. Weather will continue cold with continuous frost in many districts. There will be a little light snow in the southern half of Great Britain today and local snow showers in East Scotland.

FURTHER OUTLOOK.

Considerable bright periods; snow showers near the East Coast; night frost, but day temperatures tending to rise.

Forecasts issued at 1030 G.M.T.

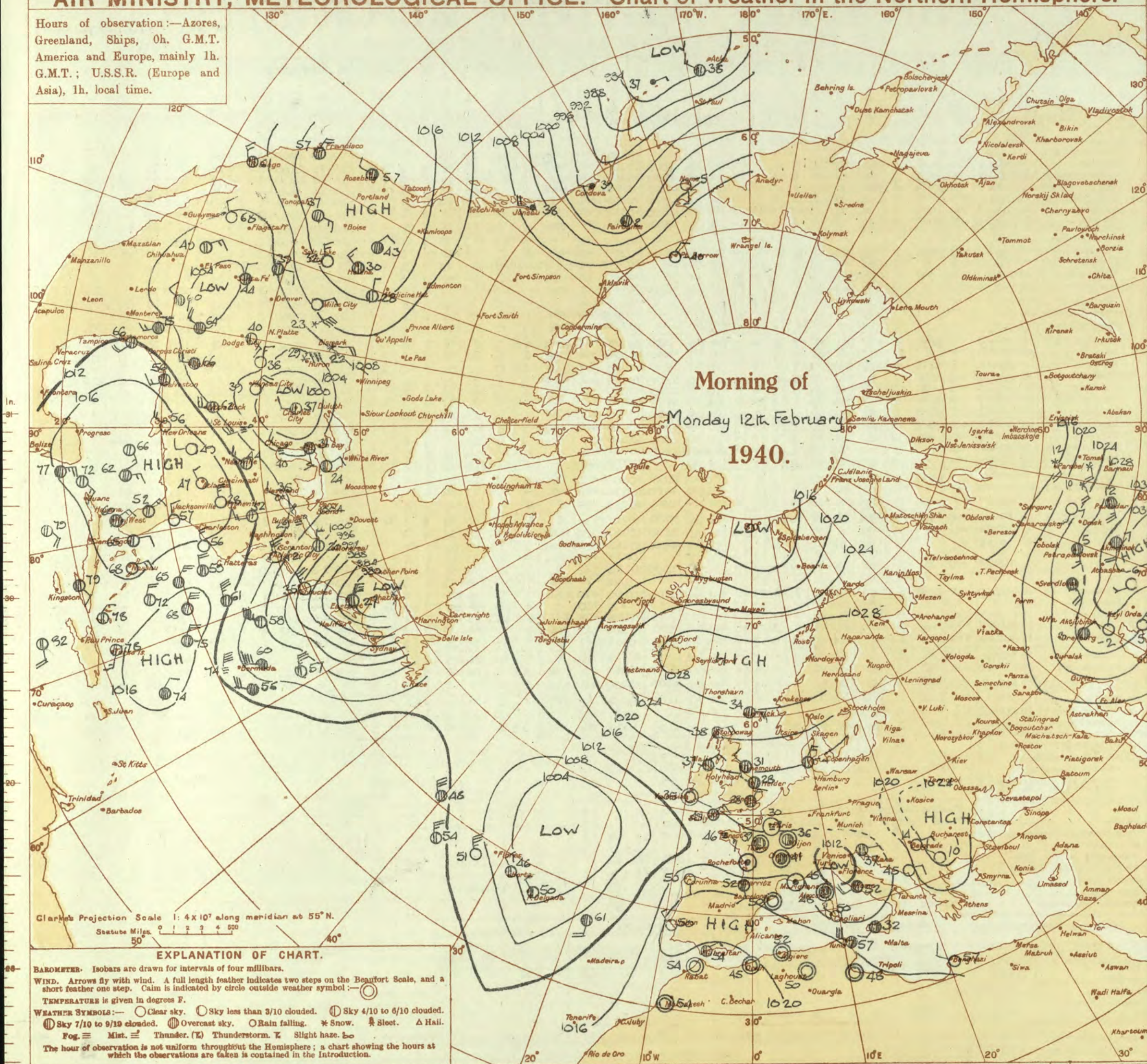
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

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

245/5027. 11. 5109. D. 11/12/40. 2/40.

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Monday 12th February 1940.
No 28571.

OBSERVATIONS at 1 hr. G.M.T. 12th February														OBSERVATIONS at 7 hr. G.M.T. 12th February														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	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.		Sun-shine Hrs.		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Form.	Amount.	Height of Base (feet).	Max. Day 7h-12h °F.			Min. Night 12h-7h °F.	Min. on Grass °F.	Day 7h-12h mm.	Night 12h-7h mm.				
																																			0-12		0-9	0-10
1	London (Kew)	18	1018.4	+6	NNE	3	z	28	85	5	5	-	10	10	2500	1020.5	+1.4	NEN	1	z	27	75	6	5	-	-	7.8	7.8	4000	3	*	36	27	21	-	-	0.0	
	Croydon	217	1018.4	+6	NNE	3	z	28	85	5	5	-	10	10	2500	1020.1	+1.8	NNE	2	z	26	85	6	5	-	-	7.8	7.8	2500	3	*	36	24	23	-	Tr	0.0	
	S. Farnborough	226	1018.5	+10	NNE	3	z	31	85	4	5	-	10	10	1500	1020.3	+1.4	NNE	2	z	28	85	5	5	-	-	10	10	2500	4	*	39	27	27	0.1	0.2	0.2	
	Boscombe Down	417	1018.0	+6	NNE	3	z	34	92	4	5	-	10	10	1500	1019.5	+1.4	NNE	2	z	28	85	6	5	-	-	10	10	800	4	*	38	27	27	-	0.4	0.0	
	Calshot (St. Mary's)	8	1018.3	+4	ENE	3	z	31	85	5	5	-	10	10	2500	1018.6	+1.6	NE	3	z	29	85	6	5	-	-	10	10	1500	4	*	40	31	28	-	0.3	0.3	
	Lymington	346	1018.2	+6	ENE	3	z	29	75	5	5	-	10	10	2500	1019.6	+1.8	ENE	2	z	27	85	5	5	-	-	10	10	2500	8	*	36	24	24	-	Tr	0.3	
	Manston	154	1018.4	+10	ENE	4	z	29	75	6	5	-	10	10	4000	1020.0	+1.2	ENE	2	z	27	85	6	5	-	-	10	10	1500	3	*	26	24	0.2	0.1	0.3		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1020.2	+1.4	-	0	z	27	75	7	5	-	-	7.8	7.8	4000	3	*	37	24	23	-	Tr	1.1		
	Felixstowe	15	1019.1	+12	NE'E	3	z	29	65	6	5	-	7.8	7.8	4000	1020.2	+1.4	NNE	2	z	27	75	7	5	-	-	10	10	2500	3	2	35	26	21	Tr	1.1		
	Gorleston	5	1018.9	+2	E	2	bc	28	85	7	-	-	0	2-3	-	1020.7	+1.0	NE'E	4	z	27	85	7	8	-	-	10	10	2500	4	2	34	27	26	-	Tr	*	
	Mildenhall	19	1019.3	+2	SE	1	b	24	85	7	-	-	0	0	-	1021.0	+1.4	NE'E	1	z	24	85	7	5	-	-	4.6	9.4	5700	3	*	34	21	16	-	Tr	1.8	
	Cranwell	240	1020.0	+6	-	0	z	27	92	6	5	-	10	10	4000	1020.6	+1.0	NW	1	z	27	97	4	6	-	-	10	10	2500	8	*	33	25	24	-	0.2	0.5	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1021.1	+1.0	-	0	z	26	75	5	5	-	-	7.8	7.8	1500	8	*	35	25	20	0.1	Tr	0.2		
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	1020.8	+1.0	NNE	1	z	26	75	6	5	-	-	9.4	9.4	2500	3	*	34	23	13	-	Tr	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1020.6	+1.0	ENE	2	z	26	75	7	5	-	-	1	1	2500	3	*	35	25	20	-	Tr	0.0		
5	Hartland Point	299	1015.9	+2	ENE	4	c	33	85	7	8	6	-	4.6	9	1500	1017.9	+1.2	ENE	4	c	33	85	7	5	2	-	7.8	9.4	1500	1	3	43	32	31	-	Tr	0.1
	Bristol	209	1018.7	+6	E	3	z	31	85	5	5	-	10	10	4000	1020.6	+1.4	ENE	2	z	28	75	5	5	-	-	10	10	2500	3	*	37	28	-	-	0.1	*	
	Portland Bill	32	1016.4	+2	ENE	4	0	30	92	7	5	-	10	10	1500	1018.0	+1.2	ENE	4	0	31	92	7	5	2	-	7.8	10	2500	1	4	40	30	-	-	0.2	0.0	
	Plymouth	82	1016.1	+2	ENE	3	z	30	85	6	5	-	10	10	1500	1017.9	+1.4	ENE	3	z	30	85	5	5	-	-	10	10	1500	1	2	46	35	33	0.2	-	0.0	
	The Lizard	240	1015.3	+4	E'S	3	z	43	92	7	5	-	10	10	1500	1019.0	+1.0	E'S	3	z	39	85	4	5	-	-	10	10	1500	1	2	48	35	-	-	0.0	0.0	
	Scilly (St. Mary's)	163	1014.7	+2	ENE	3	c	41	85	7	5	-	7.8	7.8	1500	1016.9	+2.0	E'S	3	c	43	92	6	5	2	-	7.8	10	1500	1	2	54	42	-	-	0.0	0.0	
	Guernsey	175	1014.7	+2	ENE	1	0	45	97	6	5	-	10	10	1500	1015.5	+1.6	E'S	1	c	39	92	6	8	-	-	10	10	1500	1	2	46	39	33	-	1	0.0	
6	Pembroke	142	1017.3	+2	SEE	3	c	35	85	5	5	-	10	10	1500	1019.6	+1.0	E'S	3	c	33	85	6	5	2	-	7.8	7.8	1500	1	2	35	33	-	-	0.3	0.0	
7	Holyhead	26	1019.6	+16	NNE	4	c	34	75	6	5	-	10	10	1500	1021.3	*	EN	2	c	32	*	7	5	-	-	7.8	7.8	4000	1	2	36	23	-	-	-	0.0	
	Chester (Sealand)	16	1020.1	+6	-	0	m	30	85	4	5	-	4.6	4.6	4000	1021.1	+6	-	1	m	26	85	4	5	-	-	9.4	9.4	2500	3	*	36	21	-	-	-	*	
8	Manchester	70	1020.3	+6	-	0	m	23	85	4	-	-	0	0	-	1021.2	+6	-	0	cf	25	92	3	5	-	-	7.8	7.8	2500	4	*	38	21	-	-	-	*	
10	Spurn Head	29	1019.9	0	NNW	2	c	28	85	7	8	-	7.8	7.8	1500	1020.7	+1.2	EN	6	z	26	92	3	5	-	-	10	10	800	7	4	35	26	-	Tr	2 0.0		
	Catterick	175	1020.3	+6	-	0	b	24	85	7	5	-	2.3	2.3	2500	1022.5	+3.6	ENE	4	z	27	92	6	-	2	-	9.4	9.4	2500	8	*	34	22	22	0.1	2	0.0	
	Tynemouth	108	1020.1	-4	NNW	2	z	31	92	5	8	-	9.4	9.4	2500	1023.8	+3.0	E	4	z	30	85	7	8	-	-	9	9	2500	7	3	36	24	27	0.2	3	*	
11	St. Abbs Head	280	1018.2	-10	NNE	5	z	32	85	6	3	6	-	7.8	9	1500	1025.1	+3.0	E	4	c	29	85	8	3	6	-	4.6	7.8	1500	8	3	36	28	-	0.3	0.5	*
	Leuchars	36	1020.6	+6	NE	4	z	31	92	7	-	2	-	10	10	2500	1026.6	+3.0	NNE	4	psh	28	85	6	5	-	-	9.4	9.4	800	8	*	37	26	25	0.1	1	0.0
12	Renfrew (Abbots L.)	19	1021.8	+2	W	1	z	30	75	6	5	-	10	10	4000	1026.6	+3.4	ENE	2	b	29	85	7	5	-	-	Tr	Tr	4000	3	*	36	25	23	Tr	0.1	0.0	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1025.1	+3.2	NEN	5	b	23	85	8	5	-	-	1	1	1500	8	*	32	22	17	Tr	0.4	0.0		
	Point of Ayre	30	1020.9	+10	E	3	c	35	65	7	5	2	-	9	10	2500	1023.3	+2.6	E	5	bc	32	85	8	4	-	-	2.3	2.3	2500	0	3	35	32	-	Tr	0.0	0.0
13a	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1025.8	-2.4	ENE	5	bcjp	34	85	8	5	4	-	-	2.3	2.3	4000	3	4	39	28	15	-	Tr	0.0	
13b	Stornoway	80	1025.0	+10	ENE	4	c	38	65	7	5	7	-	7.8	9.4	2500	1028.5	+2.0	ENE	3	c	36	65															

THE DAILY WEATHER REPORT

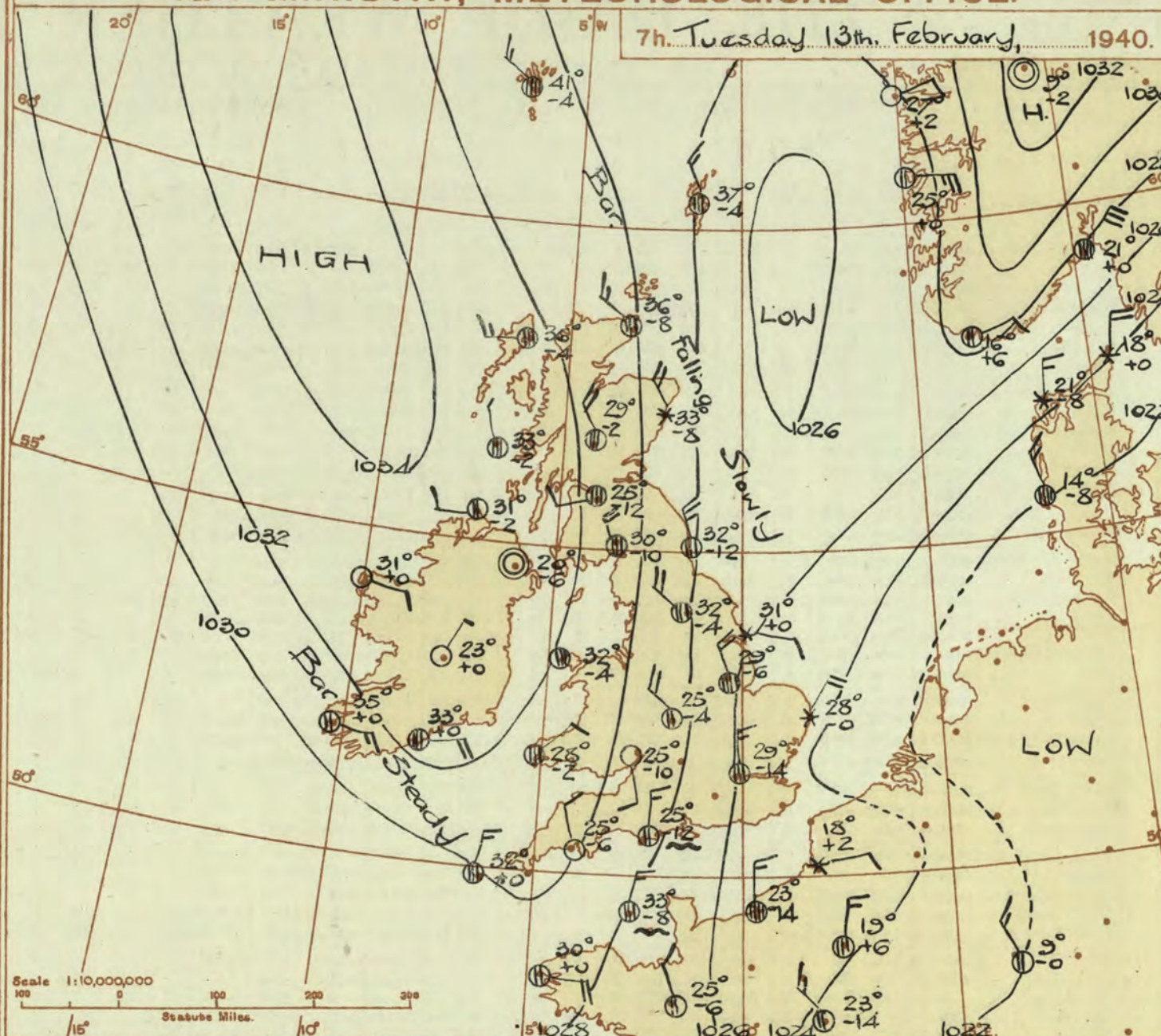
OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Tuesday 13th February 1940.
 No. 28572.

OBSERVATIONS at 13h. G.M.T. 12th February															OBSERVATIONS at 18h. G.M.T. 12th February															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 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.									
				Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	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)	7h.—13h. 12h. (37)	13h.—18h. 12h. (38)	18h.—12h. 1h. (39)	1h.—7h. 13h. (40)				
1	Loridon (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lympne ... Manston ...	1024.4 1023.8 1024.1 1023.9 1013.3 1024.0 1023.6	+18 +22 +24 +22 +12 +26 +24	NE/N NE/E N N NE ENE N	3 3 3 3 3 1 2	S.S. SS ps bc z sh c/s	28 29 31 31 34 25 23	75 92 75 65 65 85 92	4 5 6 7 6 6 6	5 6 7 7 2 8 9	- 2 - - 1 - -	4-6 7-8 4-6 2-3 2-3 7-8 9	10 10 9 4000 2500 2500 450	1028.0 1027.5 1028.0 1028.1 1027.3 1026.0 1025.9	+24 +24 +22 +34 +30 +26 +20	NNE NNE NNE NE/N NNE NNE N	4 3 3 3 4 4 5	z m b b z o/s z	24 24 24 24 26 21 23	65 85 75 75 65 85 75	8 4 6 7 8 8 6	- - - - 1 - -	- - - - - - -	0 4-6 Tr Tr 1 4-6 4-6	0 4-6 Tr Tr 1 2-3 4-6	- 2500 2500 1500 1500 2500 1500	4 8 4 4 4 8 8	*	*	*	*	*	*	bccs	5m	cs.ssbcbz	mbz	bccs	cm
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1024.0 1023.5 1024.9 1024.5 1026.6	+22 +14 +16 +14 +34	NNE NEN NE NE ENE	4 4 6 4 4	c c ps bc bc	28 26 27 26 26	65 65 85 97 85	8 7 8 7 7	- 3 - 2 5	- - - - -	9 4-6 4-6 4-6 4-6	9 7-8 4-6 4-6 4-6	2500 2500 2500 2500 2500	1026.6 1025.7 1024.7 1027.1 1028.3	+12 +8 -4 +18 +10	N N UNW NW NW/N	0 3 4 3 3	bc ps q/ps 15 15	22 22 24 21 25	75 85 85 6 75	8 5 6 6 7	- 2 - - 5	- - - 2 -	- 9 10 0 10	2-3 9 10 9 10	- 1500 1500 9 1500	3 5 8 8 8	*	*	*	*	*	cpss	mc	bc	cp.s	ss	
3	Birmingham	1025.8	+26	E	4	c	27	75	5	8	-	-	9	9	1500	1027.4	+16	NNE	3	b	24	65	5	-	-	0	0	-	8	*	cpss	q	cp.s	ss					
4	Upper Heyford Ross-on-Wye ...	1024.3 1025.0	+26 +24	N/E N/E	3 3	sh c/ps	29 3m	75 75	5 6	5 5	-	-	10 9	10 9	1500 1500	1028.9 1028.8	+28 +20	NE NE	2 3	b z	22 26	65 65	8 6	- 5	- -	0 1	0 1	- 2500	3 3	*	*	*	bccss	z	bcc	ss			
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) Guernsey ...	1023.1 1024.7 1023.1 1022.7 1022.2 1021.0 1020.5	+34 +26 +24 +22 +20 +26 +26	NE ENE ENE NE/E NNE NE EN	4 2 4 3 3 5 4	bc bc c bc c c c/s	31 33 31 34 37 40 33	85 65 92 85 75 65 85	8 7 7 8 7 6 7	1 1 5 2 8 6 8	- - - - - - -	2-3 2-3 7-8 2-3 7-8 7-8 7-8	2-3 2-3 10 2-3 1 9 10	2500 2500 2500 2500 2500 2500 1500	1026.0 1028.7 1026.3 1026.4 1025.8 1024.4 1024.6	+26 +24 +18 +26 +20 +18 +36	NE NE ENE ENE EN EN ENE	4 3 4 4 5 4 5	bc z bc z bc bc c	33 27 33 33 34 35 34	55 75 92 75 8 65 85	8 6 7 8 8 8 7	1 7 5 5 5 1 1	- - - - - - -	- 4-6 2-3 4-6 2-3 4-6 7-8	4-6 2-3 4-6 2-3 4-6 2-3 7-8	2500 2500 4000 2500 2500 1500 1500	0 3 1 2 0 1 1	3	*	*	*	*	*	cbv	bcc	bcc	bcc	ss
6	Pembroke	1024.2	+20	EN	3	bc	36	65	8	5	-	-	2-3	2-3	2500	1027.9	+18	E	5	bc	32	75	7	5	4	-	-	2-3	2-3	2500	1	2	cm	bc	bcc	ss			
7	Holyhead	1026.7	+38	EN	5	c	34	75	5	8	-	-	9	9	4000	1030.1	+18	NE/E	4	c	32	65	7	8	-	-	7-8	7-8	2500	1	3	xbmc	cm	bcc	ss				
8	Chester (Sealand) Manchester ...	1027.5 1027.6	+34 +30	ENE NE/E	3 4	z z	32 30	75 65	6 5	7 8	-	-	2-3 7-8	2-3 7-8	2500 2500	1031.0 1030.6	+14 +16	NNE N/W	1 1	z z	27 21	85 65	5 5	- -	- -	0 0	0 0	- -	4 4	*	*	*	cm	ss	bcc	ss			
10	Spurn Head ... Catterick ... Tynemouth ...	1027.0 1028.7 1019.6	+14 +24 +20	NE/E NE/E E	4 1 4	c/ps so bc/ps	26 28 30	75 75 85	6 6 8	8 1 2	- - -	- - -	4-6 7-8 4-6	7-8 10 4-6	800 2500 2500	1027.6 1030.5 1030.5	+8 +6 +8	NNE N/W NE	5 3 5	c/s q/s c/ps	29 28 31	85 95 92	7 6 7	5 5 8	- - -	- 10 9	10 10 9	800 1500 2500	7 8 8	4	*	*	*	cpss	q	cp.s	ss		
11	St. Abbs Head Leuchars ...	1030.5 1031.8	+16 +18	NNE N	4 2	c is	29 29	75 75	8 7	3 8	6 -	- -	7-8 9	7-8 9	2500 1500	1030.2 1033.3	+4 +10	NNE NW	4 1	c c	30 26	75 85	8 7	5 5	2 4	- 6	- 2-3	10 7-8	1500 4000	4 8	*	*	*	cpss	q	cp.s	ss		
12	Renfrew (Abbots L.) Eskdalemuir ... Point of Ayre ...	1031.9 1030.4 1029.4	+28 +26 +24	ENE NE EN	3 3 4	bc bc c	32 27 33	75 75 75	8 8 8	7 7 8	- - -	- - -	4-6 2-3 7-8	4-6 2-3 7-8	2500 2500 2500	1033.9 1032.6 1032.0	+18 +14 +12	NE NE/N EN	1 2 4	b c c	27 24 31	75 75 65	8 8 8	5 5 8	- - -	- 10 9	1 10 9	4000 1500 2500	3 8 0	*	*	*	bccps	bc	bcc	ss			
13A	Tiree ...	1030.8	+16	E	2	bc	36	75	9	1	4	-	2-3	2-3	4000	1033.2	+6	EN	1	b	27	85	8	-	-	4	-	Tr	Tr	-	3	1	bcc	b	bcc	ss			
13B	Stornoway	1032.9	+18	SE	3	bc	36	65	8	1	-	-	2-3	2-3	4000	1034.5	+10	-	0	bc	33	65	8	1	-	-	6	Tr	2-3	4000	0	0	bc	bcc	bcc	ss			
15	Dalwhinnie ... Aberdeen ... Wick ...	* 1032.1 1032.5	+10 +14 +12	NNE N/W NNE	3 3 2	bc is bc	27 29 34	97 75 97	8 9 8	4 9 7	6 - 4	- - 1	1 9 2-3	2-3 9 2-3	4000 2500 2500	* 1033.1 1032.4	+14 +4 0	NNE NW UNW	1 3 3	bc c bc	20 26 29	97 85 97	8 6 8	4 5 5	6 2 8	- - 1	- 9 4-6	4000 9000 2500	8 8 3	1	*	*	*	ci	ss	bcc	ss		
16	Lerwick...	1030.9	-4	WN	4	c	35	85	8	5	7	-	4-6	7-8	1500	1030.7	0	NW	3	c	37	85	8	5	2	-	-	4-6	10	1500	0	*	bc	bc	bcc	ss			
17	Blackod Point...	1027.9	+18	EN	4	bc	39	65	8	1	-	-	2-3	2-3	4000	1030.7	+16	E	4	b	35	65	8	1	-	-	1	1	5700	0	3	bc	bcc	bcc	ss				
18	Malin Head ... Aldergrove ...	1030.7 1029.7	+22 +24	E EN	5 5	c bc	35 34	55 85	8 9	7 1	- -	- -	4-6 4-6	7-8 4-6	5700 2500	1032.7 1032.4	+16 +18	E -	3 0	c b	35 32	85 85	8 7	5 5	- -	- 2-3	7-8 2-3	5700 2500	0 3	*	*	*	bcc	bcc	bcc	ss			
19	Birr Castle ...	1026.8	+12	ENE	2	bc	38	55	8	5	-	-	2-3	2-3	2500	1030.3	+12	ENE	3	b	39	65	8	-	-	-	0	0	-	1	*	bcc	bcc	bcc	ss				
20	Valentia Obay. † Roches Point ...	1024.2 1025.2	+26 +24	NE/E EN	4 4	bc bc	39 40	75 65	7 8	5 2	- -	- -	4-6 4-6	4-6 4-6	2500 2500	1027.4 1027.6	+30 +16	EN EN	3 4	b c	37 36	55 65	8 8	7 5	4 -	1 -	1 7-8	1 2500	1 1	*	*	*	bcc	bcc	bcc	ss			

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday, 13th. February, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th February, 1940.
1 S.E. England	Wind backing north to northwest, increasing fresh, perhaps strong on the coast; cloudy, occasional snow; brighter intervals locally today; continuous frost.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind northerly, moderate, backing northwest, freshening; mainly fine apart from scattered snow showers today; cloudy, some snow likely tomorrow; continuous frost.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind backing northwest to west, moderate, freshening; fine periods today, cloud increasing with possibility of snow later; temperature rising slightly.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind westerly increasing fresh or strong, veering northeast later; cloudy; occasional snow or sleet; less cold than of late.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind north moderate veering northeast, increasing; cloudy; wintry showers; heavier snow in hills; less cold but probably only temporarily.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind north to northeast, light; fine; cold and frosty.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

An elongated anticyclone extends from Iceland to Ireland. A shallow depression between Shetland and Norway is expected to deepen and move southward. Wintry weather will continue with occasional snow showers in many parts of Great Britain but there will be long fine periods in the West today. Frost will continue in England and Wales today but temperatures will rise a few degrees in Scotland and later in England.

FURTHER OUTLOOK.

Continuing cold.

Forecasts issued at 1030.

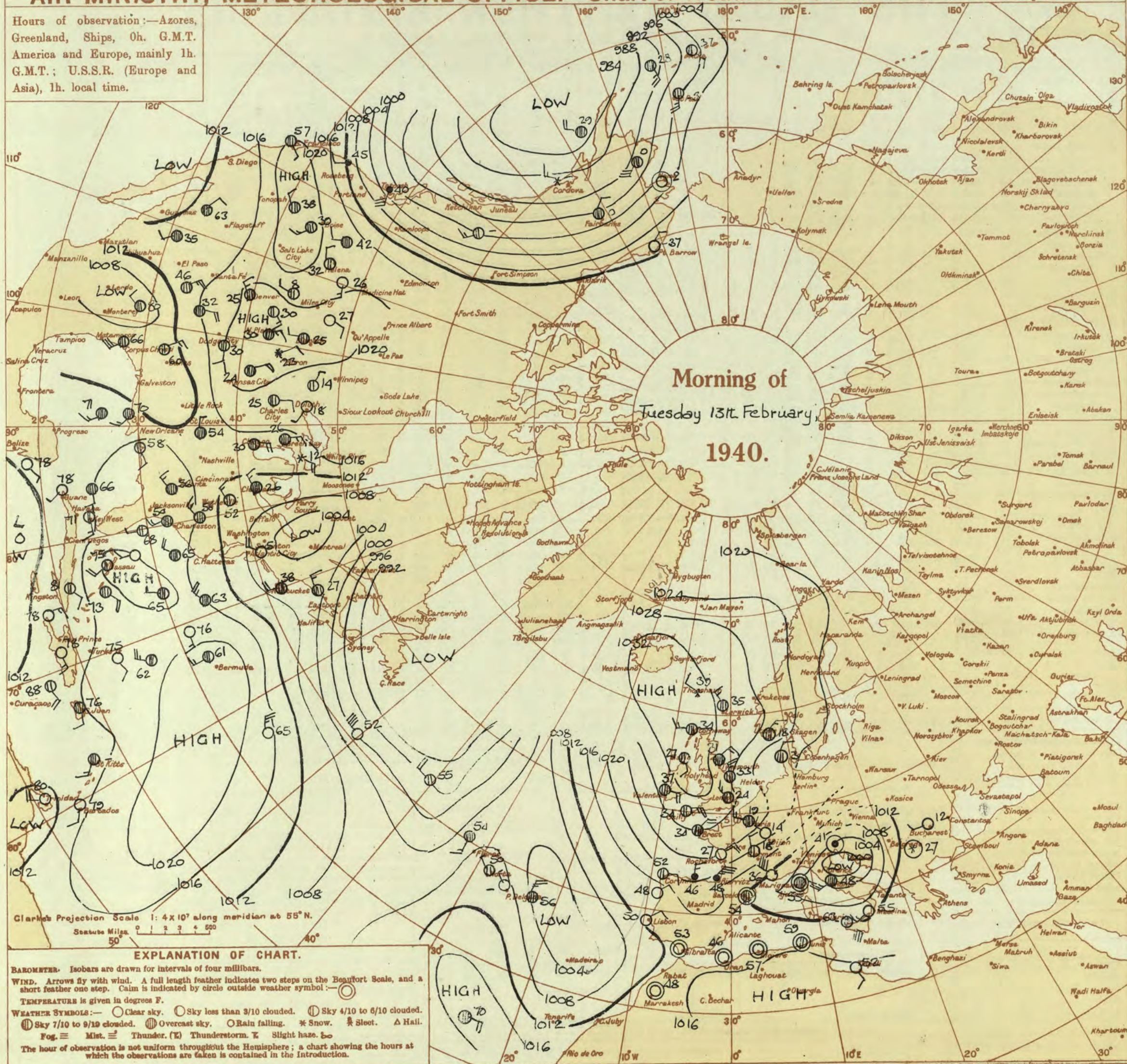
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

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

2405/1937 M. 8108 D. 1466 Q. 045/23430. 2/40

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

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



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 13th February 1940.
No. 28572.

[illegible]

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

BRITISH SECTION

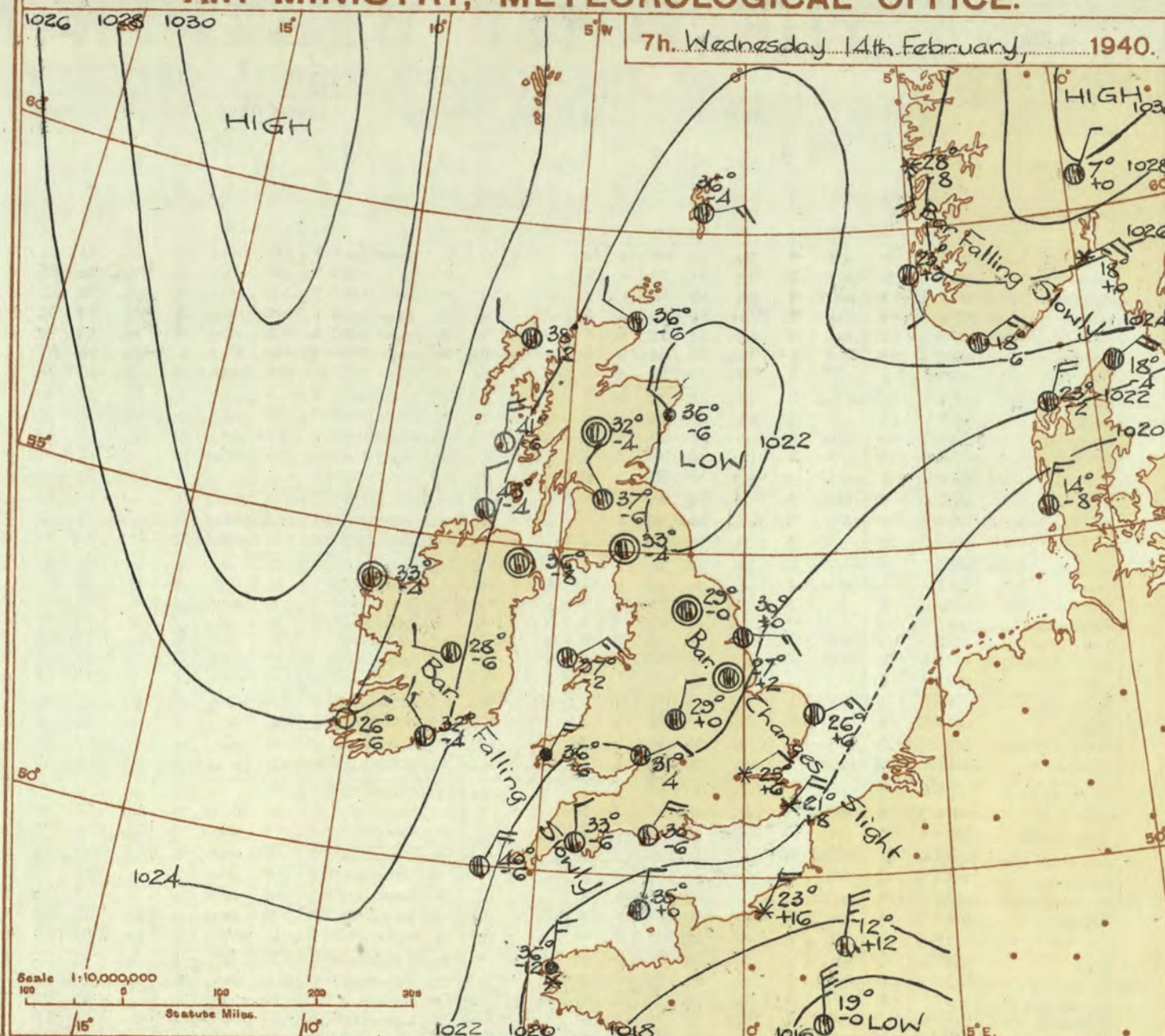
Wednesday 14th February 1940.

No. 28573.

OBSERVATIONS at 13h. G.M.T. 13th February														OBSERVATIONS at 18h. G.M.T. 13th February														PAST 24 HOURS.						
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (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)	WEATHER.				
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (11) (12)	Height of Base (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. Low 0-10 Total 0-10 (23) (24)					Height of Base (feet) (28)	7h.—13h. 13th (37)	13h.—18h. 13th (38)	18h. to 1h. 14th (39)	1h.—7h. 14th (40)							
1	London (Kew)...	1024.9	-6	N'E	4	Zo	33	65	6	8	-	9	9	2500	1023.7	-2	N'W	3	13	31	75	5	5	3	-	7-8	9+	1500	3	*	CS.15. czo	Ci.2. Zo	Ci.5. mo	CM.5.5. sm
	Croydon ...	1025.2	-6	NE'E	3	c/s	31	92	5	2	-	9	9	1500	1023.5	-10	N	2	bc/ps	30	85	4	2	-	4-6	4-6	2500	4	*	CS.15.15. czo	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	S. Farnborough	1025.4	-8	NW'N	4	ps	33	75	6	8	-	9+	9+	1500	1023.9	-8	N'W	3	3.3	32	85	5	5	-	10	10	1500	4	*	CS.15.15. czo	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Boscombe Down	1026.4	-8	N'W	4	c/ps	31	85	6	5	-	10	10	1500	1024.1	-10	NNW	3	9.5	32	92	5	5	-	10	10	2500	3	*	CS.15.15. czo	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Calshot (Soton.)	1025.2	-12	N	4	ps	34	75	6	5	-	9+	9+	4000	1024.6	-8	N'W	4	15	33	85	4	5	-	10	10	1500	1	2	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Lymington	1024.2	+2	ESE	1	is.	25	85	6	5	-	9+	9+	1500	1022.4	-6	N'W	2	c/s	26	85	6	5	-	10	10	800	8	2	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Manston	1024.3	-2	S	3	SoSo	23	92	4	5	-	10	10	800	1022.2	-4	NNE	2	3.5	27	85	5	5	-	7-8	7-8	450	8	2	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
2	Shoeburyness ...	1024.8	-4	WSW	2	c	32	75	6	7	-	7-8	7-8	2500	1022.4	-6	N	1	bc	27	85	7	5	-	4-6	4-6	4000	8	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Felixstowe ...	1024.1	+6	N	3	ps	29	85	6	9	-	9+	9+	800	1022.5	-6	N'W	2	bc/ps	24	92	5	8	6	-	2-3	2-3	2500	8	1	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
	Gorleston ...	1024.5	-4	NE/N	4	e	30	85	7	8	-	7-8	7-8	2500	1022.3	-10	N	3	c	29	85	7	8	-	7-8	7-8	2500	4	2	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Mildenhall ...	1025.3	-14	N'E	2	is.	30	97	7	5	-	9+	9+	1500	1023.6	-6	N'W	2	c	25	97	7	5	3	-	4-6	7-8	4000	8	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
	Cranwell ...	1025.8	-6	NNW	1	c/s	33	85	4	5	-	10	10	1500	1024.0	-6	-	0	0/8	30	92	6	5	-	10	10	1500	8	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
3	Birmingham ...	1027.0	-10	NNW	3	c/s	38	85	5	2	-	10	10	1500	1024.3	-12	NNW	3	m	33	75	4	5	7	-	7-8	9+	2500	8	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
	Upper Heyford	1026.3	-10	NW	4	SoSo	30	85	5	2	-	10	10	800	1024.1	-2	NNW	3	SoSo	32	85	4	5	-	10	10	800	4	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
4	Ross-on-Wye ...	1026.9	-20	N'W	3	c	34	75	8	5	-	10	10	2500	1024.5	-10	NNW	2	c/s	34	75	8	5	-	9+	9+	2500	4	1	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
5	Hartland Point ...	1028.1	-20	NNE	3	bc	33	85	8	1	-	2-3	2-3	4000	1025.7	-8	N	2	bc	36	65	8	5	4	-	4-6	4-6	2500	0	2	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
	Bristol ...	1027.7	-16	N'W	4	ps	34	65	6	3	-	7-8	7-8	4000	1025.2	-8	N	2	m	34	75	4	5	-	7-8	7-8	4000	3	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Portland Bill ...	1026.0	-12	N	3	bc	36	85	8	1	-	2-3	2-3	4000	1024.3	-8	NNE	3	c	34	92	7	5	2	-	7-8	7-8	4000	1	3	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
	Plymouth ...	1027.6	-18	N'W	4	Zo	35	65	8	1	-	7-8	7-8	2500	1025.9	-2	N	3	Zo	37	65	6	5	-	7-8	7-8	2500	0	2	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	The Lizard ...	1028.5	-10	NNE	2	c	34	75	8	6	-	7-8	7-8	2500	1026.6	-2	N	2	bc	34	85	8	5	-	4-6	4-6	2500	0	1	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Scilly (St. Mary's)	1029.2	-6	NNE	2	c	36	65	8	5	-	10	10	2500	1026.4	-14	NNE	3	c	37	65	8	5	-	10	10	2500	0	1	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Guernsey ...	1025.7	-16	bc	37	65	7	2	1	-	2-3	2-3	2500	1023.6	-4	NNE	1	c	37	75	7	8	1	-	7-8	9+	2500	0	4	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
6	Pembroke ...	1029.1	-12	NE	3	bc	37	75	8	1	-	4-6	4-6	2500	1026.9	-10	NE/H	3	bc	33	85	7	2	6	-	2-3	4-6	2500	1	2	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
7	Holyhead ...	1029.2	-2	NW	4	c	39	75	8	8	-	7-8	7-8	2500	1026.8	-6	N	5	c	40	65	8	2	-	9+	9+	2500	1	3	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Chester (Sealand)	1028.5	-22	NW'W	4	Zo	35	65	6	5	-	9+	9+	4000	1026.0	-6	NW	4	Zo	35	85	6	5	-	9+	9+	4000	4	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
8	Manchester ...	1027.2	-18	NW'W	3	Zo	36	65	6	5	3	4-6	7-8	5700	1025.2	-6	N'W	2	Zo	34	75	5	5	-	7-8	7-8	4000	4	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
10	Spurn Head ...	1025.8	-4	SE	1	c/s	31	97	6	5	-	9+	9+	1500	1023.9	-6	-	0	c	30	97	6	5	-	9+	9+	1500	7	0	SSC	Ci.5.	C	Ci.5.	
	Catterick ...	1026.3	-14	NE'N	3	c	36	75	7	5	-	9	9	2500	1024.9	0	NW'N	3	Zo	35	85	5	5	-	9	9	2500	4	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Tynemouth ...	1027.1	-10	N	4	c/ps	34	92	6	8	-	9	9	2500	1025.2	-4	NNW	4	c/ps	36	97	6	8	-	9+	9+	2500	6	3	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
11	St. Abbs Head ...	1027.6	-6	NNW	4	c	35	85	7	5	2	4-6	10	1500	1025.4	-8	NNW	4	c/ps	37	92	7	8	2	-	7-8	10	1500	1	3	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
	Leuchars ...	1028.3	-18	NW	2	c	39	75	8	5	3	4-6	7-8	4000	1025.7	-14	NW	3	c	37	75	8	5	3	-	4-6	7-8	4000	1	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
12	Rentfrew (Abbots L.)	1029.9	-18	NNW	1	c	48	55	8	5	-	9	9	4000	1027.5	-10	N'W	1	c	37	75	8	5	-	9+	9+	4000	1	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Eskdalemuir ...	1027.8	-14	N	3	bc	36	65	7	5	-	7-8	7-8	2500	1025.8	-8	NNW	2	bc	33	85	7	5	-	2-3	2-3	1500	8	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
	Point of Ayre ...	1029.4	-16	N'E	3	c	38	65	8	5	-	9+	9+	4000	1026.9	-6	N'E	3	bc	39	75	8	5	-	2-3	2-3	4000	0	2	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm	
13A	Tiree ...	1031.6	-12	N'W	3	c	41	75	8	5	-	9	9	4000	1028.8	-2	N	3	bc	41	75	8	4	3	-	2-3	4-6	4000	1	2	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
13B	Stornoway ...	1031.0	-10	NNW	3	c	41	85	8	5	7	7-8	9+	4000	1028.9	-10	NNW	3	c/pr	40	85	7	5	7	-	7-8	9+	4000	1	2	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
15	Dalwhinnie ...	1027.6	-14	NW	3	c	36	75	8	4	6	7-8	9+	4000	1025.2	-10	NE	2	c	32	92	5	8	5	-	7-8	9	2500	8	*	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
	Aberdeen ...	1027.6	-18	NW'N	3	c/pr	37	92	7	6	-	7-8	7-8	1500	1025.2	-8	NW'N	3	c	36	97	7	5	3	-	7-8	7-8	1500	1	1	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
	Wick ...	1027.6	-18	W	3	pr	41	97	7	5	7	4-6	7-8	1500	1025.7	-10	NW	3	c	38	97	7	5	7	-	4-6	7-8	1500	1	1	CM.5.5. sm	CM.5.5. p.3.0	CM.5.5. sm	CM.5.5. sm
16	Lerwick...	10																																

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 14th February, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th February, 1940.
1 S.E. England	Wind northeast light, probably freshening tomorrow; cloudy and bright periods today, more cloud tomorrow; slight snow showers locally, chiefly in the east; frosty with severe frost in places tonight.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind north to northeast light; mainly cloudy, some showers of rain or sleet; bright periods later; frosty inland, severe night frost in places.
6 South Wales ...	
7 North Wales ...	Wind variable to northeast, light; cloudy or dull, some occasional sleet or snow, mostly slight; becoming colder with continuous frost inland.
8 N.W. England	
9 N. Midlands ...	Wind northerly, moderate; cloudy; some showers of rain, sleet and snow; rather cold.
10 N.E. England	
11 S.E. Scotland	As 9 - 11.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scot- land.	Wind northwest to north, light; mainly cloudy; local showers of rain or sleet near East coast later; cold but temperature mainly a little above freezing point.
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.

Anticyclones are centred southeast of Iceland and over Scandinavia. A shallow depression off East Scotland will drift slowly west-southwest and a deeper system indicated over East Germany will probably spread westwards. Wintry weather will continue in England and East Scotland with local slight snow showers and continuous frost. In Ireland and West Scotland temperatures will be mainly above freezing point with some local slight rain or sleet.

FURTHER OUTLOOK.

Continuing cold in most districts.

Forecasts issued at 1030.

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

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

2 475/1927 M. 9108 D. 1160 20. 045/29450. 2/40

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. 14th February														OBSERVATIONS at 7 hr. G.M.T. 14th February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 13th Hrs. (36)	
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Direc. (17)	Force. (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (25)	Max. Day 7h-13h °F. (31)	Min. Night 13h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-13h mm. (34)			Night 13h-7h mm. (35)						
																																Low. (12)	Med. (13)	High. (14)	Low. (19)		Med. (20)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1021.4	+10	ENE	3	S.S.	26	85	5	5	2	-	7.8	10	1500	8	*	33	26	22	Tr	0.2	1.6		
	Croydon	217	1020.8	-14	NNW	1	0	28	32	4	5	-	10	10	1500	1021.1	+6	NEE	2	S.S.	25	32	5	6	2	-	7.8	10	1500	8	*	32	25	23	0.1	0.3	0.6
	S. Farnborough	226	1021.2	-10	NW	2	0	30	83	3	5	-	10	10	5700	1021.1	+4	MNE	2	S.S.	29	85	5	5	-	10	10	2500	4	*	34	27	*	0.1	0.1	1.6	
	Boscombe Down	417	1021.1	-10	N	4	0	32	92	5	5	-	10	10	450	1021.6	+8	N	2	24	32	6	6	7	9	0	4.6	-	8	*	32	23	20	0.2	0.2	1.5	
	Calshot (Stmntn.)	8	1021.1	-10	ENE	2	S.S.	32	75	5	5	2	-	9	10	1500	1020.7	+6	N	3	20	28	85	5	5	-	7.8	7.8	4000	4	2	35	28	25	Tr	1	2.1
	Lymyne	346	1019.3	-10	MNE	4	13	27	85	5	5	2	-	10	10	2500	1020.8	+8	NE	4	15	21	85	6	6	2	10	10	2500	8	*	28	21	15	1	1	0.2
	Manston	154	1019.1	-6	ENE	4	S.S.	27	37	4	5	-	10	10	1500	1020.8	+6	ENE	3	20	23	75	5	5	-	10	10	1500	9	*	28	21	20	3	2	0.4	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1021.2	+6	NE	3	C	25	75	8	5	-	-	10	10	2500	8	*	33	24	18	1	1	4.2		
	Felixstowe	15	1019.6	-6	N	3	S.S.	27	37	6	5	-	10	10	4000	1021.0	+6	MNE	3	C	26	75	6	5	-	9	9	2500	8	1	30	25	24	0.5	0.2	*	
	Gorleston	5	1020.6	-2	ENE	5	S.S.	28	32	6	8	-	10	10	2500	1021.4	+6	EN	3	C	26	85	7	8	-	7.8	7.8	2500	4	2	31	22	15	0.5	0.3	3.5	
	Mildenhall	19	1020.8	-6	N	2	bc/s	27	32	6	5	-	2.3	2.3	4.000	1021.9	+8	E	1	S.S.	23	92	6	5	-	10	10	2500	8	*	34	26	19	0.1	0.1	0.0	
	Cranwell	240	1022.3	-4	N	2	z	30	35	5	5	-	10	10	2500	1022.2	+2	-	0	0	27	85	7	5	-	10	10	2500	8	*	34	26	19	0.1	0.1	0.0	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1022.4	+0	NNE	2	3	29	85	4	5	7	-	9	9	1500	8	*	(38)	28	27	1	1	0.0		
	Upper Heyford	408	1021.8	+2	NE	2	18	28	37	6	5	-	7.8	7.8	2500	1022.1	+2	N	3	20	24	92	6	5	-	9	9	2500	8	*	34	23	17	0.1	1	*	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1022.2	-4	EN	2	0	31	85	6	5	-	-	10	10	1500	3	*	35	30	27	Tr	0.2	1.0		
5	Hartland Point	299	1023.2	-10	N	4	bc	38	75	8	2	-	2.3	2.3	2500	1021.7	-4	MNE	3	C	37	75	8	8	-	9	9	2500	0	2	37	36	33	-	-	5.7	
	Bristol	209	1022.4	-12	N	4	z	33	75	6	8	-	4.6	4.6	2500	1022.4	+2	MNE	2	20	30	85	5	3	-	7.8	9	2500	3	*	35	30	26	0.1	-	3.4	
	Portland Bill	32	1021.7	-16	N	3	C	35	32	6	5	-	10	10	4000	1021.0	-6	NE	3	bc	30	92	8	5	-	2.3	2.3	4000	1	3	36	27	*	-	-	*	
	Plymouth	82	1023.1	-10	NNW	3	z	32	75	6	-	-	0	0	-	1021.4	-6	N	2	20	33	75	6	5	-	9	9	4000	3	2	38	32	25	-	-	8.7	
	The Lizard	240	1024.1	-8	NNW	4	bc	33	85	8	8	-	4.6	4.6	2500	1022.2	-8	MNE	3	bc	33	85	8	8	-	4.6	4.6	2500	3	1	36	31	*	-	-	7.0	
	Scilly (St. Mary's)	163	1024.3	-10	NNE	3	bc	38	85	8	2	-	4.6	4.6	2500	1021.9	-6	NEN	4	C	40	65	8	2	6	4.6	7.8	1500	1	2	37	37	*	-	-	3.4	
	Guernsey	175	1020.7	-20	MNE	2	C	37	75	6	8	-	10	10	1500	1019.3	0	NNE	2	C	35	55	6	8	-	9	10	1500	0	3	39	35	31	-	-	3.8	
6	Pembroke	142	1024.0	-8	N	4	bc	36	92	7	8	-	4.6	4.6	1500	1022.3	-6	NE	3	pr	36	92	7	8	-	7.8	7.8	1500	1	1	38	32	*	-	-	6.8	
7	Holyhead	26	1024.2	-14	NW	4	C	40	65	7	2	-	7.8	7.8	2500	1022.6	-2	ENE	3	C	37	85	8	5	-	9	9	2500	1	2	40	37	33	-	-	5.2	
	Chester (Sealand)	16	1023.3	-16	NNW	2	0/s	34	92	5	5	-	10	10	2500	1022.8	0	-	0	m	32	92	4	5	3	-	2.3	4.6	2500	3	*	36	29	22	-	-	2.7
8	Manchester	70	1023.2	-10	ENE	1	S.S.	34	85	5	5	-	10	10	2500	1022.7	0	NE	2	m	32	85	4	8	-	10	10	1500	4	*	39	30	23	-	Tr	1.1	
10	Spurn Head	29	1022.1	-4	NE	4	C	31	85	7	5	-	10	10	1500	1022.2	0	ES	3	C	30	92	7	5	-	10	10	1500	7	3	34	30	*	2	Tr	0.7	
	Catterick	175	1023.0	-8	NNW	1	z	33	92	6	5	-	7.8	7.8	1500	1022.8	0	0	0	29	85	6	5	-	9	9	2500	8	*	36	28	28	-	-	0.6		
	Tynemouth	108	1024.4	-2	NNW	3	bc	34	97	7	2	-	4.6	4.6	2500	1023.8	-2	SW	2	pr	33	92	6	8	-	7.8	7.8	2500	4	2	30	2	2	*	*	*	
11	St. Abbs Head	280	1024.1	-6	N	3	C	37	92	8	8	2	-	7.8	10	1500	1022.1	-4	SE	2	pr	33	85	4	5	-	10	10	1500	4	2	30	*	0.5	4	*	
	Leuchars	36	1024.8	-4	NW	3	C	37	85	8	8	-	7.8	7.8	4000	1022.2	-2	NW	1	C	34	92	8	5	-	9	9	4000	5	*	41	33	23	0.2	0.4	0.5	
12	Renfrew (Abbots L.)	19	1024.9	-10	SWW	1	z	16	85	6	5	-	10	10	5700	1023.0	-6	NW	2	C	37	85	8	5	-	7.8	7.8	5700	0	*	42	34	27	-	-	3.8	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1022.3	-4	0	C	33	57	6	5	-	-	9	9	800	8	*	36	32	29	-	-	0.6	4.9		
	Point of Ayre	30	1024.1	-14	N	4	C	40	75	8	8	-	9	9	2500	1022.8	-2	NNE	2	C	38	75	8	8	2	-	7.8	9	2500	0	2	40	37	*	-	-	0.2
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1024.1	-6	N	4	bc	41	85	8	5	4	-	2.3	2.3	4000	0	3	43	38	35	-	-	2.1		
13B	Stornoway	80	1027.2	-8	NEE	3	C	37	32	7	5	7	4.6	7.8	2500	1025.1	-12	NW	2	pr	38	92	7	8	7	4.6	9	2500	1	1	42	35	*	0.1	2	0.1	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1024.0	-4	0	C	32	92	8	8	4	-	4.6	7.8	4000	8	*	37	31	28	0.4	0.4	1.4			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1021.2	-6	NNW	2	pr	36	97	7	6	-	7.8	7.8	1500	1	1	37	34	32	2	2	1.8			
	Wick	81	1023.7	-8	NNW	4	C	37	97	7	5	7	4.6	7.8	1500	1022.2	-6	NW	2	C	36	97	7	8	7	4.6	7.8	800	1	2	43	35	*	1	-	*	
16	Lerwick	166	1023.9	-4	NNW	3	pr	37	92	7	8	7	4.6	10	1500	1023.3	-4	E	3	C	36	85	8	5	7	-	4.6	7.8	1500	1	41	35	*	0.3	1	0.1	
17	Blacksod Point	18	1028.2	-14	0	0	0	32	97	7	4	-	0	1	-	1026.5	-4	0	0	bc	33	92	8	4	-	3	2.3	4.6	1500	0	1	39	29	*	-	*	
18	Malin Head	84	1026.7	-8	N	3	C	43	65	7	8	-	9	9	4000	1024.3	-4	N	3	C	43	75	7	8	-	7.8	7.8	2500	0	3	41	37	*	-	Tr	0.5	
	Aldergrove	268	1026.4	-14	0	0	0	32	92	6	-	-	0	10	-	1023.6	-8	0	0	C	36	92	7	5	-	9	9	5700	3	*	37	26	17	-	-	0.0	
19	Birr Castle	173	1027.9	-8	NNW	1	C	25	92	7	5	-	7.8	7.8	2500	1025.7	-6																				

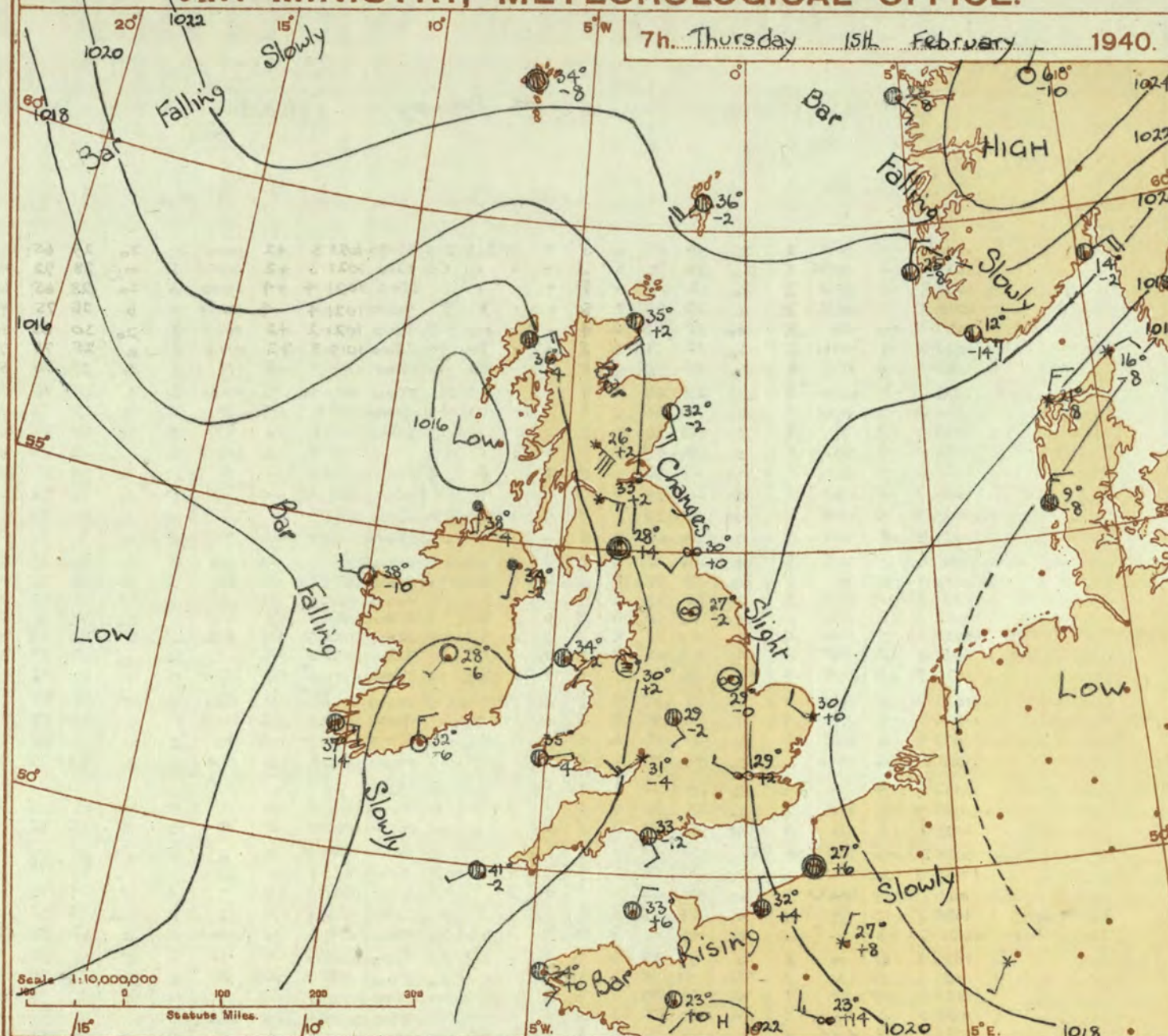
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 14th February														OBSERVATIONS at 18h. G.M.T. 14th February														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.									
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Med. 10-10 High 10-10 (12) (13) (14)	Dir.			Force. 0-12 (18)	Form.					Amount (25)	Height of Base (feet) (28)	7h.—18h. 14th. (37)			18h.—18h. 14th. (38)	18h.—18h. 15th. (39)	1h.—7h. 15th. (40)							
1	London (Kew)...	1021.8	-1	N/E	3	Zo	28	65	6	5	-	2-3	2-3	2500	1021.3	+2	NNW	3	Zo	29	65	5	5	-	-	9+	9+	2500	3	*	cis.bcs.	bbycz.	cyz.	cm.	
	Croydon ...	1022.2	-2	NE/N	2	Zo	28	75	5	-	-	0	4-6	1500	1021.3	+2	NNW	2	m	28	92	4	5	-	-	10	10	2500	4	*	SoSo.bccm.	bzoccz	cm	cm.	
	S. Farnborough	1021.9	-6	NE/E	3	Zo	31	65	6	7	-	1	1	2500	1021.4	+4	NNW	3	Zo	28	65	6	4	-	-	9+	9+	4000	4	*	SoSabccby	bzomac	Z.C	Zm.C	
	Boscombe Down	1022.3	-2	NE/E	2	C	29	85	7	8	-	9	9	4000	1021.4	-4	NE/N	1	b	26	75	7	4	-	-	2-3	2-3	2500	4	*	bcmo.is.bcs.	bcc	bccm.	cm.	
	Calshot (Soton.)	1022.0	+6	NE	2	Zo	31	65	6	4	-	7-8	7-8	4000	1021.2	+2	N/W	2	Zo	30	65	6	4	-	-	0	1	-	3	1	ssm.cbc	babyb.	cm.amom.	om.	
	Lympne ...	1020.6	-14	NNW	3	13.	25	75	6	5	-	9+	9+	2500	1019.9	+2	NNW	3	C	25	75	7	5	-	-	9+	10	800	8	\$ 2	cm.S.bcs.	CzoSbc	Ozo	Ozo	
	Manston ...	1020.7	-6	N/W	4	Zo	25	75	6	5	-	10	10	1500	1019.9	-8	N	5	Zo	27	75	5	5	-	-	10	10	800	8	*	ois.czo.	Czo	Czm.Oz.	Oz.Sm.	
2	Shoeburyness ...	1020.6	-4	NE/N	3	bC	29	65	7	8	-	2-3	2-3	2500	1020.6	-2	NNW	2	C	25	85	8	8	-	-	7-8	7-8	2500	8	*	cbc	b	cx	cx	
	Felixstowe ...	1021.0	-2	N/W	3	Z	28	65	6	5	-	4-6	4-6	4000	1019.6	-4	N	1	C	27	75	6	5	-	-	10	10	2500	8	1	cm.	bmaem.	cm.is.cm.	cm.SS.	
	Gorleston ...	1021.3	-8	N	3	C	29	85	6	5	-	10	10	2500	1019.6	-2	N/E	4	C	29	85	6	8	-	-	10	10	2500	4	2	cpso	cpso	cx	cpohx	
	Mildenhall ...	1022.0	-4	NW	2	C	28	97	7	7	3	0	7-8	-	1020.7	-2	NNW	2	Zo	28	97	6	5	-	-	10	10	4000	8	*	cis.zcmbe	bcc	ampiso	amp.Scm.	
	Cranwell ...	1022.0	-6	ENE	1	iso	29	92	6	5	2	9+	10	2500	1021.0	-2	N	1	Zo	30	92	6	5	-	-	10	10	4000	8	*	csSo.bccis.	is.bcam.	cm.	cm.	
3	Birmingham	1022.5	-2	NNE	2	Zo	30	55	5	5	-	9	9	2500	1021.4	-4	N	1	Zo	31	55	5	5	-	-	9+	9+	2500	8	*	CZ	cbcc	C	Csh.	
	Upper Heyford	1022.4	-4	NNE	2	bC	29	75	7	8	4	4-6	4-6	2500	1021.7	0	-	0	Zo	29	75	6	5	-	-	10	10	2500	8	*	csSo.m.bC	C	cm.	cm.	
4	Ross-on-Wye ...	1021.8	-8	NE	3	C	34	65	7	5	-	9+	9+	2500	1021.4	-4	NE	2	Zo	31	75	5	5	-	-	10	10	1500	3	*	ops.cbc	cczo	CZ.	cm.	
5	Hartland Point	1021.6	0	NE	3	bC	36	75	7	2	-	2-3	2-3	2500	1021.1	-4	NE	2	C	36	65	7	5	-	-	7-8	7-8	2500	0	2	cbc	bC	C	S.S.O.C	
	Bristol ...	1022.4	-6	E	3	bC	34	55	7	7	-	1-6	1-6	1500	1021.7	0	SE	2	Zo	31	75	6	5	-	-	10	10	4000	3	*	cm.ps.bC	bC	CZ.bccm.	cmsh.	
	Portland Bill ...	1021.3	+4	ENE	3	C	33	92	8	2	-	7-8	7-8	4000	1021.3	+6	NE	3	bC	28	92	8	5	-	-	2-3	2-3	4000	1	3	bcc	bC	O	O	
	Plymouth ...	1022.1	+2	E/S	1	Zo	36	65	6	8	-	7-8	7-8	2500	1021.6	+2	S/E	1	Zo	34	65	7	4	-	-	2-3	2-3	2500	1	1	CZ.	cbcz.	bzxoxo	bC	
	The Lizard ...	1021.9	-4	ENE	3	C	40	75	8	8	2	7-8	9+	2500	1022.0	+4	E/S	2	C	37	75	8	8	-	-	7-8	7-8	2500	0	1	C	cbcc	bcc	bC	
	Scilly (St. Mary's)	1021.8	-2	NNE	2	C	44	65	8	8	6	7-8	9	2500	1021.2	-2	-	0	C	37	97	8	8	6	-	4-6	7-8	1500	1	2	cbcc	cpbrc	cbcc	C	
	Guernsey ...	1020.9	+8	ENE	4	C/S	32	92	7	8	1	7-8	9+	1500	1021.0	+6	NNE	1	C	32	75	8	8	-	-	9+	9+	2500	0	3	csSo.C	is.bC	co	oc	
6	Pembroke ...	1022.3	0	S/E/S	3	C	39	85	7	8	6	4-6	7-8	2500	1021.0	0	SU	1	C	38	85	7	5	-	-	9+	9+	1500	1	1	prphc	C	irc	bC	
7	Holyhead ...	1022.0	-6	E/S	1	C	40	65	8	5	-	9+	9+	4000	1020.3	-6	SW/S	1	ir.	39	75	8	5	-	-	10	10	2500	1	1	C	yisc	irc	bC	
	Chester (Sealand)	1022.5	-6	SSE	2	Zo	37	65	6	5	-	4-6	4-6	5700	1020.9	-8	SE	1	m	33	85	4	5	-	-	10	10	4000	1	*	bccm.bcz.	bcczcm	cm.bcm.	cm.x	
8	Manchester ...	1022.7	-6	SSW	1	Zo	34	75	6	5	-	10	10	4000	1021.2	-6	SW	1	Zo	33	75	6	5	-	-	10	10	4000	4	*	cmffz.	cczo	ofs.Scm	cmis.	
10	Spurn Head ...	1022.2	-4	-	0	SS	29	97	5	5	-	10	10	450	1021.1	-2	-	0	C	31	85	6	5	-	-	10	10	1500	4	*	ssco	cm.cas.	C	O	
	Catterick ...	1022.4	-8	SSE	2	Z	33	75	6	5	-	9+	9+	4000	1021.7	0	S	3	C	32	85	5	5	-	-	10	10	1500	4	2	m.fgcm.	cm.cas.	cs.Scm.	cm.	
	Tynemouth ...	1023.2	-8	S	3	C/S	33	85	5	5	-	10	10	2500	1022.7	0	S	3	C	32	85	5	5	-	-	10	10	1500	4	2	cois.	ois.	ois.	om.	
11	St. Abbs Head	1020.8	-6	SSE	3	SS	32	97	4	5	-	10	10	800	1020.0	0	S	3	SoSo.	31	97	5	8	-	-	10	10	1500	8	2	fd.Ss	S.Smo	cbc.	oc	
	Leuchars ...	1020.5	-10	NW	1	C	39	75	7	7	7	9	9+	2500	1019.5	0	SE	2	Zo	35	97	6	5	-	-	9+	9+	2500	1	*	e	cmo.	cm.bC	bccx	
12	Renfrew (Abbots L.)	1021.1	-14	NW/W	1	bC	45	65	9	7	4	9	1	2-3	5700	1019.4	-8	-	0	C	37	75	7	5	-	-	9+	9+	4000	1	*	bcczbbC	bocy	cmff	effdss.
	Eskdalemuir ...	1020.7	-10	-	0	C	34	85	5	5	-	9	9	4150	1019.7	-2	-	0	SoSo.	33	97	4	6	-	-	10	10	4150	8	*	cis.fcc	oc.Som	as.o	ocm.	
	Point of Ayre ...	1021.7	-8	-	0	C	42	85	8	8	4	4-6	9+	2500	1019.8	-6	WNW	3	C	37	85	8	8	7	-	2-3	7-8	2500	0	2	C	cir.	cbcx	ors	
13A	Tiree ...	1022.5	-6	N	3	C	44	85	8	5	3	2-3	7-8	4000	1019.9	-4	N	2	C	41	85	8	8	-	-	7-8	7-8	2500	0	2	bcc	C	C	C	
13B	Stornoway ...	1023.6	-12	N	3	C/pr	41	85	7	8	7	4-6	9+	2500	1021.3	-24	N	2	pr	38	97	7	8	7	-	7-8	9+	2500	1	1	cPR	upr	cirpr	cbccpr	
15	Dalwhinnie ...	1022.0	-10	N	3	C	37	75	7	5	2	4-6	10	2500	1020.2	-4	-	0	ss	33	97	4	6	-	-	10	10	1500	7	*	cis	cisshss	cirpr	csks.	
	Aberdeen ...	1020.9	-2	SSE	3	SS	34	75	4	6	-	10	10	800	1020.6	+2	SSW	3	C	35	85	6	6	-	-	10	10	800	1	1	irrss	ossrfo	circ	czbc	
	Wick ...	1021.1	-8	ENE	1	C	39	92	8	8	6	9	4-6	9+	800	1019.3	-6	E	3	C	38	92	8	7	9	4-6	9+	1500	1	1	C	C	C	cbc	
16	Lerwick ...	1022.6	-6	ENE	4	C	37	65	8	5	7	4-6	7-8	1500	1021.7	-2	ENE	3	C	35	85	8	8	7	-	4-6	7-8	1500	1	*	cbcc	C	Cis	ops	
17	Blacksod Point..	1024.3	-10	NW	1	bC	44	75	8	5	5	4-6	4-6	2500	1022.2	-10	-	0	C	39	85	9	5	-	-	9+	9+	1500	0	1	bC	C	bC	bC	
18	Malin Head ...	1023.0	-4	N/E	4	bC	44	75	8	1	8	2-3	1-6	5700	1021.1	-8	N	2	C	44	75	8	8	7	-	4-6	7-8	5700	0	2	bccbc	C	C	cmrgrc	
	Aldergrove ...	1022.2	-10	NW	2	bC	43	75	7	8	3	4-6	4-6	4000	1020.5	-4	-	0	C	39	85	8	8	3	-	1	9+	2500	1	*	bcm.cbc	C	cmrpr.	bccfgr	

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 15th February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th February, 1940.
1 S.E. England	Light variable wind, finally southerly; mainly cloudy; a few light snow showers chiefly near the East coast; brighter periods tomorrow; day temperatures about freezing point, sharp frost locally tonight.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind variable to southerly, light, freshening later from south; dull; occasional sleet and rain today; temperature rising slowly with thaw conditions.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Light variable wind; cloudy or dull; slight occasional sleet then rain later; slight frost today inland but temperature tending to rise later.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 4 - 8.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotl ^d B.N.W.Scot- land.	Wind south to southeast, moderate; cloudy and brighter intervals; some wintry showers; rather cold, frost locally inland.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	As 19 - 20.
17 N.W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	Wind becoming southeast to south, freshening; fair at first, cloud increasing; occasional rain spreading from the west; becoming slowly milder.
20 S. W. Ireland	

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

GENERAL INFERENCE.

Pressure is now highest over Iceland and over South France and low on the Atlantic and over Central Europe. Weather will be cloudy or dull with slight local snow showers chiefly in East Anglia. There will be occasional sleet and rain near the west coasts of England, Wales and Scotland. Over most of Great Britain temperatures will remain a little below freezing point but thaw conditions will begin to extend eastwards over the southwestern half of the country.

FURTHER OUTLOOK.

Indications that milder conditions will spread from the west across England, possibly with some snow at first.

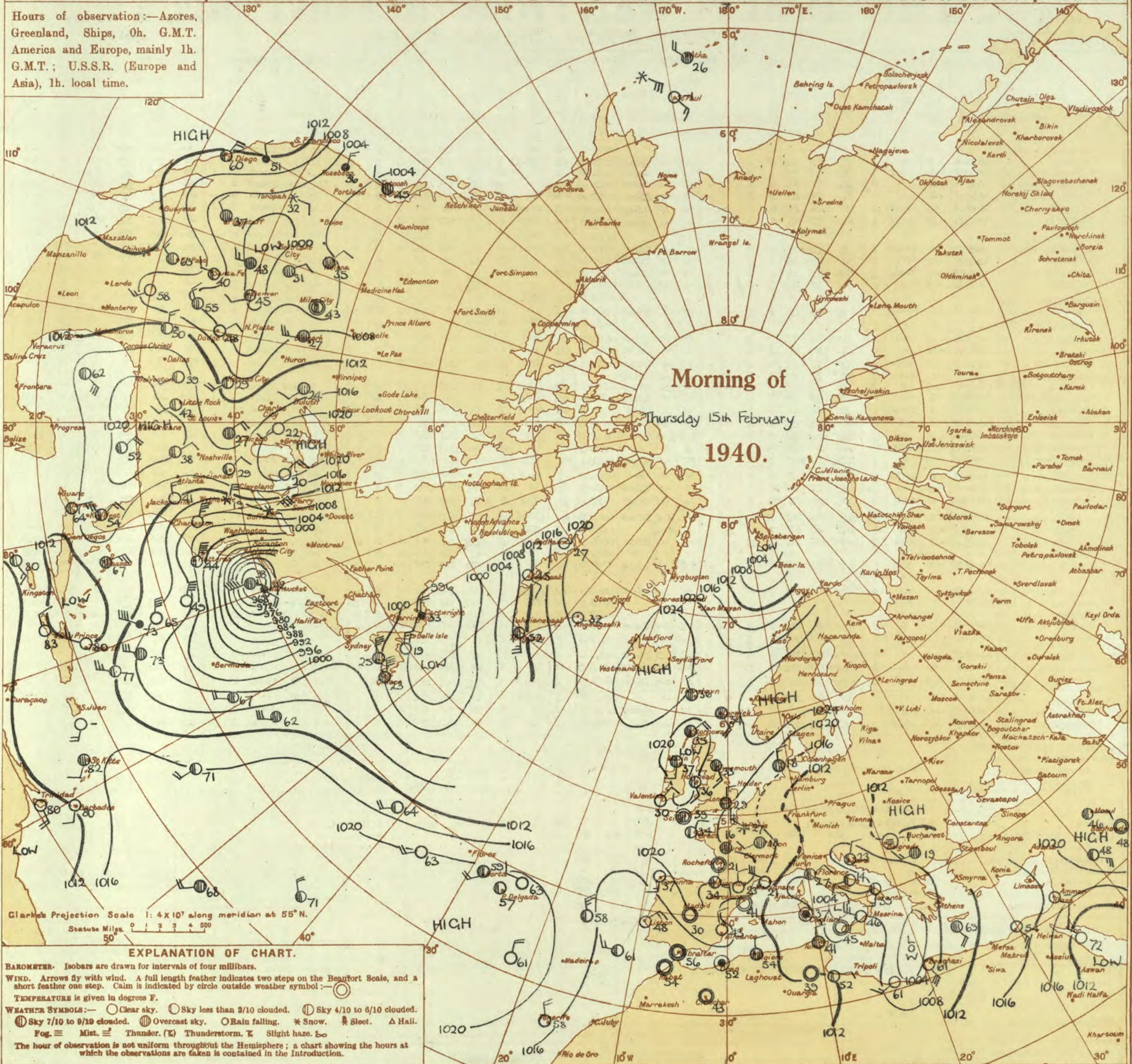
Forecasts issued at
H.M.S.O. Press, Cornwall House, S.E.1.

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

425/1527 H. 0109. 0 1465 0 046/23430. 2/40

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.

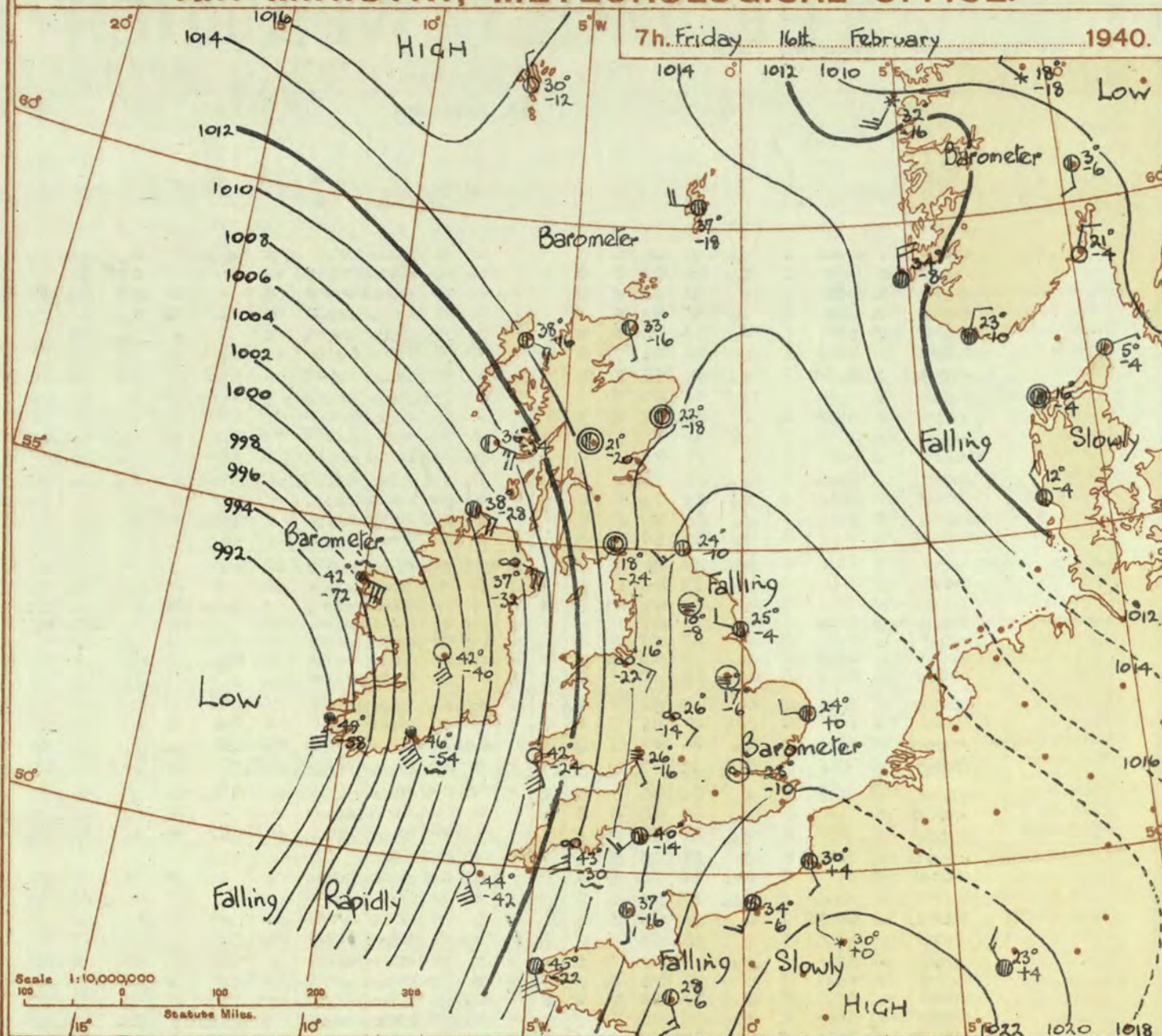
BRITISH SECTION
Thursday 15th February 1940.
No 28574.

OBSERVATIONS at 1 hr. G.M.T. 15th February															OBSERVATIONS at 7 hr. G.M.T. 15th February															PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Vis. 0-9	Cloud.					Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Vis. 0-9	Cloud.					Barom. at M.S.L. (29)	State of ground.	TEMPERATURE.			RAINFALL.		SUN-SHINE Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					Direc.	Force.					Form.	Amount.	Height of Base (feet)	Direc.	Force.			Form.	Amount.					Height of Base (feet)	Low.	Med.	High.	Low.			Med.	High.	Low.	Med.	High.		Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
																																										0-12	0-12	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Friday 16th February 1940.
No 28,575.

OBSERVATIONS at 13h. G.M.T. 15th. February.....														OBSERVATIONS at 18h. G.M.T. 15th. February.....														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Barom. at M.S.L. (29)	Change in 8 hours. (30)	WEATHER.					
				Dir.	Force. 0-12 (4)					Form.	Amount. 0-10 (12)	Height of Base. (feet) (14)	Form.	Amount. 0-10 (26)			Height of Base. (feet) (28)	State of Ground. 0-5 (31)					Sea. 0-9 (32)	7h.—13h. 15th. (37)	13h.—18h. 15th. (38)	18h/5th 16th. (39)	1h.—7h. 16th. (40)								
1	London (Kew)...	1021.1	-1	WNW	2	20	31	65	5	-	10	10	2500	1021.1	+2	SW	32	75	5	5	-	10	10	1500	3	*	cmcm	cmZmo	cbcm	cmx					
	Croydon ...	1021.3	0	WN	2	20	30	85	5	-	10	10	2500	1021.8	+4	WN	31	75	3	5	-	10	10	1500	4	*	cmZmo	cmof	cfm	cmx					
	S. Farnborough	1021.5	-2	WS	2	20	31	65	5	-	10	10	2500	1021.4	-8	-	0	3	32	85	5	5	-	10	10	2500	3	*	cmac	czsac	icm	cbcm			
	Boscombe Down	1021.5	+2	SW	2	20	31	92	5	5	-	10	10	1000	1020.6	-6	SW	2	31	97	5	5	-	10	10	2500	4	*	cmis	czsac	omcm	bcm			
	Calshot (Soton.)	1021.4	+2	SE	1	20	33	75	5	-	10	10	2500	1021.3	+2	-	0	3	33	85	5	5	-	10	10	2500	1	1	cm	cm	off off	cfcm			
	Lympne	1020.5	0	NNW	2	20	31	65	7	5	-	3	9	5700	1021.1	+6	NNW	2	20	75	5	5	-	10	10	2500	8	\$2	ashc	cobco	oz	oz			
	Manston	1020.2	-2	NNW	3	20	31	85	5	-	3	9	4000	1020.7	+6	NNW	3	20	75	5	5	-	10	10	2500	8	\$2	ashc	cobco	oz	oz				
2	Shoeburyness ...	1020.7	+2	NNW	2	20	34	65	8	7	-	7-8	7-8	4000	1020.8	+2	NNW	2	0	31	85	5	5	-	10	10	5700	8	*	c	c	c	c		
	Felixstowe ...	1019.6	-4	NNW	3	20	33	65	8	7	-	9	9	4000	1020.0	+1	NNW	2	0	31	75	7	5	-	9	9	4000	8	1	csoscm	cpso	ccm	cm		
	Gorleston	1019.5	+2	N	3	20	31	92	6	8	-	10	10	2500	1020.3	+6	NNW	2	0	31	85	7	5	-	10	10	2500	7	2	cpso	cpso	ccm	cc		
	Mildenhall	1020.6	+2	NW	3	20	31	97	7	8	-	3	4-6	7-8	2500	1020.9	+2	NW	1	20	30	87	6	5	-	10	10	4000	8	*	lszcm	becm	cm	ccbf	
	Cranwell	1021.1	0	NNW	2	20	33	75	5	3	-	7-8	7-8	2500	1021.4	-6	NNW	1	20	30	82	5	5	-	2-3	2-3	4000	8	*	cmo	czc	ccm	ccm		
3	Birmingham	1020.8	0	SSW	2	20	32	75	5	5	-	9	9	1500	1020.6	0	SW	2	20	31	85	5	5	-	10	10	1500	8	*	cis	czc	c	ccz		
4	Upper Heyford	1021.6	+2	SSW	1	20	30	85	5	5	-	9	9	4000	1021.4	+6	SSW	1	20	31	85	5	5	-	10	10	2500	4	*	cmo	czc	c	ccz		
	Ross-on-Wye	1020.4	0	S	3	20	33	85	5	5	-	9	9	1500	1020.3	0	SSE	2	20	33	85	4	5	-	10	10	800	1	*	cmo	czc	c	ccz		
5	Hartland Point	1019.1	+2	SW	2	20	40	85	5	2	-	2-3	2-3	2500	1019.2	0	SW	3	37	85	5	2	4	-	2-3	4-6	2500	1	2	cbc	bc	bcz	bcc		
	Bristol ...	1020.8	-2	S	2	20	33	85	5	7	-	8	10	1500	1020.3	-4	-	0	32	92	6	5	3	-	7-8	9	2500	6	*	sssiso	csoscm	ccm	ccm		
	Portland Bill	1020.6	+4	S	3	20	34	82	7	5	-	10	10	2500	1020.3	-2	SSW	3	36	82	7	5	-	10	10	2500	1	3	oss	cc	ccm	bcc			
	Plymouth	1020.0	-6	SSW	3	20	40	85	7	5	1	7-8	9	1500	1020.0	+2	-	0	33	85	4	8	3	-	4-6	4-6	2500	1	1	lszcm	cm	ccm	ccm		
	The Lizard	1020.7	-6	NE	3	20	37	97	8	8	2	7-8	9	2500	1019.7	-4	SSE	3	38	97	8	8	2	-	7-8	10	2500	1	2	cpso	cpso	c	c		
	Scilly (St. Mary's)	1019.3	+2	WSW	2	20	41	75	8	8	7	3	4-6	7-8	1500	1017.5	-10	SSW	4	42	97	8	8	6	-	7-8	9	1500	1	2	c	cpso	c	c	
	Guernsey	1021.0	-4	SE	1	20	35	65	7	5	7	8	4-6	9	2500	1021.5	+6	S	1	33	87	4	5	-	10	10	1500	4	2	cis	cs	oss	cbc		
6	Pembroke	1019.2	0	SSE	3	20	43	85	7	2	-	4-6	4-6	2500	1019.3	0	SSE	3	39	97	7	5	4	-	2-3	4-6	2500	1	2	mobe	bc	bcq	bcq		
7	Holyhead	1018.6	+2	SSE	3	20	41	75	7	5	3	-	7-8	9	2500	1018.7	+6	SSE	2	38	85	7	5	-	4-6	4-6	2500	1	1	xber	bc	bc	bc		
8	Chester (Sealand)	1020.3	0	SE	2	20	36	65	5	5	-	4-6	4-6	4000	1020.0	+6	SSE	2	34	85	5	3	-	4-6	9	4000	1	*	*	bc	bc	bc			
	Manchester	1020.9	+2	ESE	2	20	33	97	5	5	-	9	9	2500	1020.4	+4	ESE	2	31	85	3	-	-	0	0	-	4	*	cmffm	cmZmo	bcff	bcff			
10	Spurn Head	1020.4	+2	NNW	3	20	32	85	7	5	2	7-8	7-8	1500	1020.4	0	NNW	3	31	85	7	3	2	-	7-8	9	1500	7	2	cis	cis	c	c		
	Catterick	1021.2	0	-	0	20	36	65	6	5	-	1	1	4000	1020.7	0	-	0	28	85	5	5	-	7-8	7-8	5700	8	*	cmobm	cmobm	ccm	cm			
	Tynemouth	1022.0	+0	S	2	20	34	85	6	2	-	2-3	2-3	2500	1022.0	0	SW	2	32	85	4	8	3	-	2-3	4-6	2500	4	2	ccff	bc	bc	bc		
11	St. Abbs Head	1020.2	+4	SSW	2	20	33	75	8	4	-	2-3	2-3	2500	1020.0	0	-	0	31	85	7	5	4	-	1	2-3	4000	1	*	bc	bc	bc	bc		
	Leuchars	1020.6	+2	SE	3	20	36	55	8	4	-	2-3	2-3	4000	1020.0	0	-	0	34	75	4	5	-	10	10	2500	6	*	cmis	cmis	cmis	cmis			
12	Renfrew (Abbott L.)	1019.7	+6	EHE	2	20	33	85	4	5	-	10	10	2500	1019.4	-2	E	2	34	75	4	5	-	10	10	2500	6	*	cmis	cmis	cmis	cmis			
	Eska Dalemuir	1020.2	0	SE	2	20	31	65	8	5	-	9	9	2500	1019.9	0	-	0	29	75	7	5	-	9	9	1500	8	*	cmoc	c	ccm	ccm			
	Point of Ayre	1019.0	+4	S	5	20	36	85	6	2	-	7-8	10	1500	1018.7	+2	S	4	37	85	6	5	4	-	7-8	9	1500	1	3	cz	cz	cbc	cbc		
13A	Tiree	1015.0	0	SSE	4	20	41	92	7	9	-	9	9	800	1015.1	0	SSE	4	40	92	7	9	-	9	9	800	0	4	crpr	c	cbc	bc			
13B	Stornoway	1017.8	+2	ESE	4	20	38	75	8	5	7	-	9	10	2500	1017.7	-2	SE	4	39	75	8	5	7	-	7-8	9	2500	1	2	cpso	c	c	cbc	
15	Dalwhinnie	1019.6	0	SE	5	20	30	85	7	4	6	-	2-3	9	2500	1020.3	-2	S	4	27	82	6	4	6	-	4-6	4-6	2500	8	*	ckso	c	bc	bc	
	Aberdeen	1020.7	-2	SW	2	20	36	65	7	8	-	4-6	4-6	2500	1020.4	-4	SW	1	33	65	6	5	-	2-3	2-3	1500	3	1	bc	bc	bcm	bcm			
	Wick	1020.0	-2	SE	4	20	37	75	8	8	7	8	2-3	4-6	2500	1019.2	-4	SSE	4	35	85	6	7	8	-	2-3	4-6	2500	1	2	bc	bc	bcm	bcm	
16	Lerwick...	1021.7	-12	SW	4	20	38	75	8	5	3	-	4-6	7-8	1500	1021.0	-2	SW	3	35	75	8	5	3	-	4-6	7-8	1500	1	*	c	c	c	c	
17	Blacksod Point..	1015.3	-6	S	3	20	44	65	9	1	-	2-3	2-3	2500	1012.1	-18	SSE	4	41	75	8	-	7	-	0	9	-	0	3	bc	c	ineq	Rq		
18	Malin Head	1016.1	+2	S	3	20	41	85	6	4	-	8	4-6	7-8	5700	1015.8	+2	S	3	36	85	8	8	-	4-6	4-6	5700	0	2	bcc	bc	bc	bcc		
	Aldergrove	1017.7	-2	SSW	2	20	41	85	6	8	-	9	9	1500	1017.4	+2	-	0	36	92	6	8	-	2-3	2-3	2500	1	*	cfm	cbcm	ccm	ccm			
19	Birr Castle	1017.7	-4	SW	1	20	41	75	7	-	-	0	0	-	1016.0	-6	SE	2	37	85	9	5	1	-	7-8	10	2500	1	*	b	c	c	c		
20	Valentia Obey.†	1015.4	-10	SE	5	20	44	75	8	5																									

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th February, 1940.
1 S.E. England	Wind south moderate, fresh on coast; cloud increasing; some rain to-night; temperature rising considerably with general thaw.
2 E. England ...	
3 E. Midlands ...	Wind south moderate or fresh; cloud increasing to-day with some rain spreading from west; temperature rising considerably with general thaw.
4 W. Midlands ...	
5 S.W. England	Wind south fresh or strong, gale on coast; cloudy or dull; continuous rain to-day; rather mild.
6 South Wales ...	
7 North Wales ...	Wind south fresh or strong, gale on coast; cloud increasing with rain spreading from west; becoming rather mild.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 3 - 4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind southeast fresh or strong, gale on coast; cloud increasing with rain spreading from southwest; becoming rather mild.
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	Wind becoming southeast moderate or fresh; cloud increasing, some rain later; temperature rising considerably with thaw.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 19- 20.
18 N. E. Ireland	As 12- 13.
19 S. E. Ireland	Wind southeast strong, gale on coast, veering southwest; dull, rain at times; mild.
20 S. W. Ireland	

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

GENERAL INFERENCE.

A wedge of high pressure covering eastern England is moving east and is followed by a vigorous disturbance centred off West Ireland. Rain will spread from the west to most districts, but it will be fair during most of to-day in Eastern England. There will be a decided rise of temperature generally. Southerly gales will occur off the western coasts.

FURTHER OUTLOOK.

Mild and unsettled generally.

Gale Warning.

Warning of south to southeast gale issued at 2330 on 15/2/40 for districts 5(part) 17, 19, 20 and at 0615 on 16/2/40 for districts 5(part) 6, 7, 8, 12, 13 and 18.

Forecast issued at 1100 G.M.T.

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

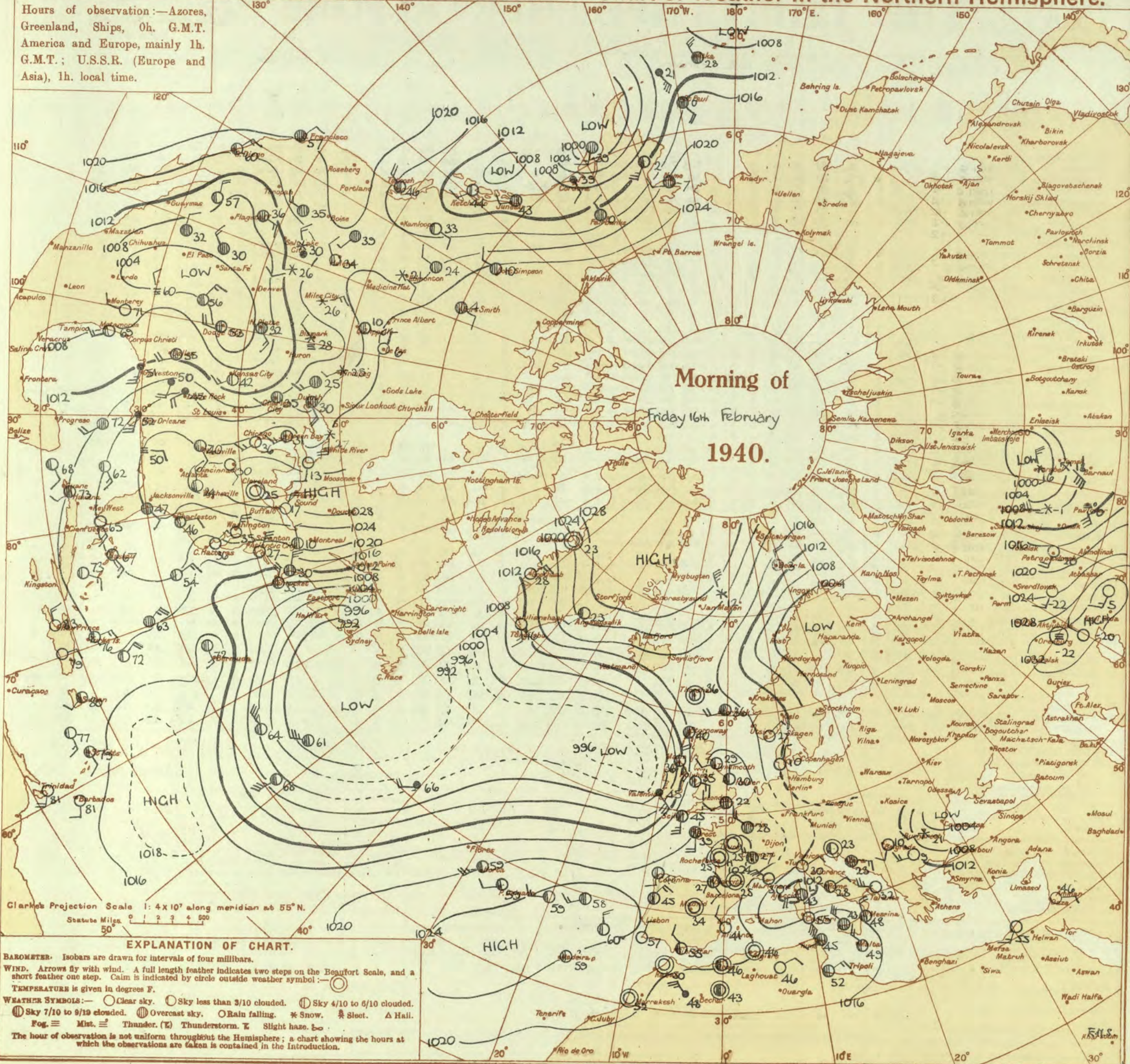
H.M.S. O. Press, Cornwall House, S.E.1.

2-405/927.11. 5108. D. 466. 2-405/927.11. 5108. D. 466.

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
Friday 16th February
1940.



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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

OBSERVATIONS at 1 hr. G.M.T. 16th February.															OBSERVATIONS at 7 hr. G.M.T. 16th February.															PAST 24 HOURS.								
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.			Temp. °F.	Humid. %	Visiblity.	Cloud.				Barom. at M.S.L. in mb.	Change in 3 hours.	Wind.			Temp. °F.	Humid. %	Visiblity.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SON-SHINE 15th Hrs.				
					Direc.	Force.	Weather.				Form.			Amount.			Height of Base (feet).	Direc.	Force.				Weather.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.		
											Low.	Med.	High.											Low.	Med.	High.												
1	London (Kew) ...	18	1021.6	-.8	SE	3	bc	34	92	8	4	-	-	2-3	2-3	2500	1012.4	-.30	SSE	3	c	37	85	8	5	2	-	4-6	9	2500	1	2	42	34	32	-	-	6.9
	Croydon ...	217	1021.3	-.6	SE	1	bc	26	97	5	5	-	-	2-3	2-3	2500	1012.2	-.22	SSE	3	of	29	97	3	5	-	-	10	10	450	4	*	34	25	17	0.5	-	0.0
	S. Farnborough ...	226	1021.0	-.4	SE	1	bc	40	92	8	5	-	-	4-6	4-6	4000	1016.6	-.14	SW	3	c	40	92	7	5	4	-	4-6	9	4000	1	3	37	35	*	Tr	-	*
	Boscombe Down ...	417	1021.0	-.4	SE	1	bc	35	97	6	5	2	-	10	10	1500	1014.3	-.30	S	5	c	43	75	6	8	1	-	9	9	1500	1	4	43	34	31	2	1	1.1
	Calshot (Stmntn.) ...	8	1020.8	-.12	SE	1	bc	42	75	6	5	2	-	10	10	1500	1012.6	-.36	SSE	6	c	43	85	7	8	2	-	7-8	10	1500	1	3	41	38	*	5	1	0.0
	Lympe ...	346	1021.4	-.2	SE	1	bc	45	75	8	5	2	-	4-6	9	1500	1008.4	-.46	SSE	7	bc	44	75	7	5	2	-	7-8	10	1500	1	3	45	42	*	0.3	0.2	
	Manston ...	164	1021.2	+.2	SE	1	bc	36	85	6	5	2	-	7-8	10	1500	1018.1	-.12	S	7	bc	37	85	7	1	7	-	2-3	4-6	2500	6	2	36	34	30	-	-	0.0
2	Shoeburyness ...	11	1020.6	-.2	SE	1	bc	41	92	7	8	-	-	2-3	2-3	2500	1010.1	-.24	SSE	7	cq	42	92	7	8	-	-	7-8	7-8	1500	1	3	44	32	*	-	-	7.2
	Felixstowe ...	15	1020.6	-.2	SE	1	bc	35	92	7	5	-	-	0	2-3	-	-	-	SE/E	3	bc	85	5	-	4	-	0	Tr	-	0	*	37	27	15	-	-	-	
	Gorleston ...	5	1020.6	0	SE	1	bc	28	92	4	-	-	-	0	2-3	-	-	-	SE	2	bc	28	92	4	-	-	0	Tr	-	0	*	37	21	15	-	-	0.7	
	Mildenhall ...	19	1021.2	-.4	SE	1	bc	25	97	2	5	-	-	Tr	Tr	4000	1017.4	-.20	ESE	1	bc	25	92	3	-	4	-	0	Tr	-	0	*	37	21	15	-	-	-
	Cranwell ...	240	1021.1	-.2	SE	1	bc	25																														
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.8	-.14	SE	2	Zo	26	92	5	-	-	5	0	1	-	8	*	33	26	20	*	-	0.1
	Upper Heyford	408	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.3	-.10	-	1	bft	25	92	3	-	-	0	0	-	4	*	34	24	14	-	-	*	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.1	-.16	SE	1	of	26	97	3	5	-	10	10	450	3	*	33	25	16	0.1	-	0.1	
5	Hartland Point	299	1018.1	-.8	SSE	3	bc	34	92	8	4	-	-	2-3	2-3	2500	1012.4	-.30	SSE	3	c	37	85	8	5	2	-	4-6	9	2500	1	2	42	34	32	-	-	6.9
	Bristol ...	209	1021.0	-.2	SSE	1	bc	26	97	5	5	-	-	2-3	2-3	2500	1017.2	-.22	SSE	3	of	29	97	3	5	-	-	10	10	450	4	*	34	25	17	0.5	-	0.0
	Portland Bill ...	32	1020.8	-.8	SW	3	bc	40	92	8	5	-	-	4-6	4-6	4000	1016.6	-.14	SW	3	c	40	92	7	5	4	-	4-6	9	4000	1	3	37	35	*	Tr	-	*
	Plymouth ...	82	1019.7	-.6	NZ	1	bc	35	97	6	5	2	-	10	10	1500	1014.3	-.30	S	5	c	43	75	6	8	1	-	9	9	1500	1	4	43	34	31	2	1	1.1
	The Lizard ...	240	1018.8	-.4	S	1	bc	42	75	6	5	2	-	10	10	1500	1012.6	-.36	SSE	6	c	43	85	7	8	2	-	7-8	10	1500	1	3	41	38	*	5	1	0.0
	Silly (St. Mary's) ...	163	1016.0	-.12	S	1	bc	45	75	8	5	2	-	4-6	9	1500	1008.4	-.46	SSE	7	bc	44	75	7	5	2	-	7-8	10	1500	1	3	45	42	*	0.3	0.2	
	Guernsey ...	175	1021.5	0	SW	1	c	36	85	6	5	2	-	7-8	10	1500	1018.1	-.12	S	7	bc	37	85	7	1	7	-	2-3	4-6	2500	6	2	36	34	30	-	-	0.0
6	Pembroke ...	142	1018.4	-.4	SSE	5	bcq	41	92	7	8	-	-	2-3	2-3	2500	1010.1	-.24	SSE	7	cq	42	92	7	8	-	-	7-8	7-8	1500	1	3	44	32	*	-	-	7.2
7	Holyhead ...	26	1017.7	-.6	ESE	3	bc	35	92	7	5	-	-	0	2-3	-	-	-	SE/E	3	Zo	85	5	-	4	-	0	Tr	-	0	*	37	27	15	-	-	-	
	Chester (Sealand) ...	16	1019.8	-.6	SE	2	bc	28	92	4	-	-	-	0	2-3	-	-	-	SE	2	bc	28	92	4	-	-	0	Tr	-	0	*	37	21	15	-	-	-	
8	Manchester ...	70	1020.5	-.6	ESE	1	Zo	25	97	2	5	-	-	Tr	Tr	4000	1017.4	-.20	ESE	1	bft	25	92	3	-	4	-	0	Tr	-	0	*	37	21	15	-	-	0.7
10	Spurn Head ...	29	1020.7	-.4	NW	2	c	30	85	7	5	4	-	4-6	7-8	2500	1015.1	-.4	NW	2	bc	25	55	7	5	1	-	2-3	4-6	2500	7	1	33	25	*	0.1	0.3	0.1
	Catterick ...	175	1020.5	-.6	-	0	Zo	17	92	6	5	3	-	1	2-3	5700	1018.3	-.8	-	0	m	10	92	4	-	-	0	0	-	8	*	36	9	9	-	-	3.9	
	Tynemouth ...	108	1021.1	-.6	SW	2	bc	29	85	6	2	-	-	4-6	4-6	2500	1018.6	-.10	SW	3	bc	24	85	6	2	-	-	2-3	2-3	2500	4	2	35	24	22	-	-	*
11	St. Abbs Head	280	1018.7	-.8	N	1	b	29	75	7	-	-	-	0	0	-	1016.2	-.12	NW	1	b	30	75	7	4	-	-	1	1	2500	8	1	34	28	*	-	-	*
	Leuchars ...	36	1019.2	-.6	-	0	Zo	30	92	6	-	-	-	0	0	-	1016.1	-.14	-	0	m	25	97	4	-	-	0	0	-	3	*	37	25	16	-	-	7.1	
12	Renfrew (Abbots I.)	19	1018.7	-.10	ESE	1	bft	30	85	3	5	-	-	4-6	4-6	2500	1015.5	-.24	-	0	b	18	97	6	-	2	-	0	1	-	8	*	34	12	12	0.4	-	0.0
	Eskdalemuir ...	794	1018.7	-.10	ESE	1	bft	30	85	3	5	-	-	4-6	4-6	2500	1015.5	-.24	-	0	b	18	97	6	-	2	-	0	1	-	8	*	34	12	12	0.4	-	0.0
	Point of Ayre...	30	1018.0	-.6	S	5	bc	35	92	6	5	-	-	2-3	2-3	800	1013.0	-.38	SE	6	bc	34	92	6	5	-	-	2-3	2-3	2500	1	3	37	33	*	2	-	0.0
13A	Tiree ...	22	1017.2	-.2	SSE	4	c	40	75	7	5	2	-	7-8	10	2500	1014.3	-.30	SE/E	5	bc	36	85	6	5	-	-	4-6	4-6	2500	0	4	43	35	33	4	-	0.6
13B	Stornoway ...	80	1017.2	-.2	SSE	4	c	40	75	7	5	2	-	7-8	10	2500	1014.3	-.30	SE/E	5	bc	36	85	6	5	-	-	4-6	4-6	2500	0	4	43	35	33	4	-	0.6
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.3	-.30	ESE	3	bc	38	75	8	5	4	-	2-3	2-3	4000	1	1	40	38	*	0.1	-	0.0
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.7	-.18	-	0	bc	21	97	6	4	G	-	2-3	4-6	2500	8	*	31	14	13	-	-	3.7
	Wick ...	81	1017.6	-.10	SSE	3	bc	35	85	8	5	-	-	2-3	2-3	2500	1014.9	-.16	SSE	1	bc	22	97	6	5	-	-	Tr	Tr	2500	3	1	37	21	18	-	-	3.9
16	Lerwick ...	156	1017.5	-.14	W/S	4	c	36	75	8	3	7	-	4-6	7-8	1500	1015.5	-.18	NW	4	c	37	85	8	5	7	-	7-8	2-3	1500	3	2	37	25	*	-	-	*
																	1015.5	-.18	NW	4	c	37	85	8	5	7	-	7-8	2-3	1500	3	2	37	25	*	-	-	2.6
17	Blacksod Point	18	1005.3	-.40	SE	6	ir	41	85	7	6	-	-	10	10	220	995.0	-.72	ESE	7	RR	42	92	7	6	-	-	10	10	2150	1	5	45	39	*	Tr	5	-
18	Malin Head ...	84	1013.4	-.18	SE	4	bc	36	85	8	-	-	-	5	2-3	-	1006.2	-.28	ESE	4	c	38	75	8	8	-	-	4-6	7-8	4000	0	3	44	32	*	0.1	-	5.0
	Aldergrove ...	288	1015.2	-.16	SE/E	4	Zo	36	85	6	-	5	8	0	7-8	-	1009.3	-.32	ESE	5	Zo	37	85	6	5	1	-	9	9	1500	3	*	44	31	23	0.5	-	4.0
19	Birr Castle ...	173	1003.0	-.44	SE/E	6	ir	45	92	6	6	2	-	4-6	10	1500	1001.0	-.40	SSE	6	pr	42	85	7	6	2	-	4-6	10	1500	1	*	42	36	34	-	3	5.5
20	Valentia Obay.	30	1003.0	-.44	SE/E	6	ir	45	92	6	6	2	-	4-6	10	1500	991.2	-.58	S	7	rr	49	97	6	6	2	-	4-6	10	1500	1	3	44	43	41	3	34	0.0
	Roches Point	22	1000.6	-.24	SSE	7	rr	44	85	7	6	2	-	7-8	10	800	999.0	-.54																				

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									
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 30—Code for State of Sea.									
Columns 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																			
FOREIGN OBSERVATIONS.																			
18h. G.M.T. 15th. February										7h. G.M.T. 16th. February									
Past 24 Hours.																			
Stations. Paris Brussels Berlin Zurich Rome										Stations. Paris Brussels Berlin Zurich Rome									
Barom. mb. Wind. Direc. Force. Weather. Temp. °F. Barom. mb. Wind. Direc. Force. Weather. Temp. °F.										Max. Day °F. Min. Night °F. Rainfall. Day mm. Night mm.									
1021.3 - 0 c 30										1022.2 W 2 S.S. 30									
1012.9 N 3 b 34										1012.5 ENE 3 c 36									

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

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2/6 per month; 8/6 per quarter; 25/- per year.

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

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday 17th February, 1940.
No 28,576

MINISTRY OF AIR.

OBSERVATIONS at 13h. G.M.T. 16th February

OBSERVATIONS at 18h. G.M.T. 16th February

PAST 24 HOURS.

DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.				
				Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)	Force. (18)			Form. (23)	Amount (24)					Height of Base (feet) (28)	7h.—13h. 16th (37)	13h.—18h. 16th (38)	18h.— 17th (39)	1h.—7h. 17th (40)							

1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Soton.) ... Lympne ... Manston ...	614.4 1015.5 613.8 1011.6 1013.3 1016.0 1016.6	-34 -26 -38 -48 -34 -14 -20	SSE SSE SSE SSE SSE SSE SSE	3 3 4 5 5 2 3	2 2 2 2 2 2 2	37 37 39 39 39 36 36	75 75 75 75 75 85 75	6 5 5 5 7 6 5	5 5 5 5 5 5 5	- - - - - - -	- - - - - - -	800 2500 4000 2500 1500 5700 0	1007.2 1007.8 1006.1 1003.5 1005.0 1010.3 1010.3	-48 -44 -48 -46 -50 -34 -34	SE SE SE SE SSE SSE SE	4 3 4 6 6 4 3	2 2 2 1 2 2 2	20 20 36 35 38 35 34	37 36 36 35 35 38 34	75 85 85 75 65 85 82	5 5 5 6 6 6 5	1 1 2 2 - 1 -	4 10 10 10 10 10 4	1500 1500 1500 800 2500 0 2500	3 1 1 1 1 6 3	* * * * * * *	cfrmo cbcmz * cmo cmnfc cmo cmobz	cmo czcmo czmo cmo cmoqmo cmobc czobcmo	czobcmo czobcmo cmo cmo cmo cmo cmo	cmo cmo cmo cmo cmo cmo cmo																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1016.0 1016.5 1018.0 1015.2 1014.1	-26 -14 -8 -30 -80	SE SSE SSE SSE SSE	3 3 2 2 4	3 3 2 2 2	37 35 34 35 32	75 65 85 75 65	4 6 - - -	5 5 - - -	3 - - - -	4 9 - 0 0	4000 4000 - - -	1010.0 1010.4 1011.4 1018.0 1008.0	-36 -38 -16 -34 -30	SE SE SE SE SE	3 4 4 4 4	3 2 2 2 2	34 35 33 31 30	34 32 32 32 32	4 6 7 6 5	5 5 5 5 5	3 - - 7 2	2 4 7 8 8	4 6 2500 4000 4000	4 7 6 8 8	* * * * *	cmo cmo cmo cmo cmo	cmo cmo cmo cmo cmo	cmo cmo cmo cmo cmo	cmo cmo cmo cmo cmo																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
3	Birmingham ... Upper Heyford ... Ross-on-Wye ...	1011.6 1013.6 1009.3	-44 -40 -60	SSE SE SE	3 3 4	3 3 4	33 35 39	92 85 75	6 5 7	- 1 1	- 1 1	10 10 4	800 1500 15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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_g, 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 Ob) and Sc.
- 9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

CLOUD.

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

Cloud form abbreviations:—

	Cirrus, -Ci	Cirrocumulus, -Cc	Cirrostratus, -Cs
	Stratocumulus, -Sc	Stratus, -St	Nimbostratus, -Ns
0 ..	Ground dry.		7 ..
1 ..	" wet.		
2 ..	" flooded.		8 ..
3 ..	" frozen hard and dry.		
4 ..	" partly covered with snow or hail.		9 ..
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 Ca increasing: still below 45° altitude: often in polar bands.
- 6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
- 7 Veil of Ca covering whole sky.
- 8 Ca not increasing and not covering whole sky.
- 9 Co predominating, and a little cirrus.
(Co may occur with any of the types 1 to 8).

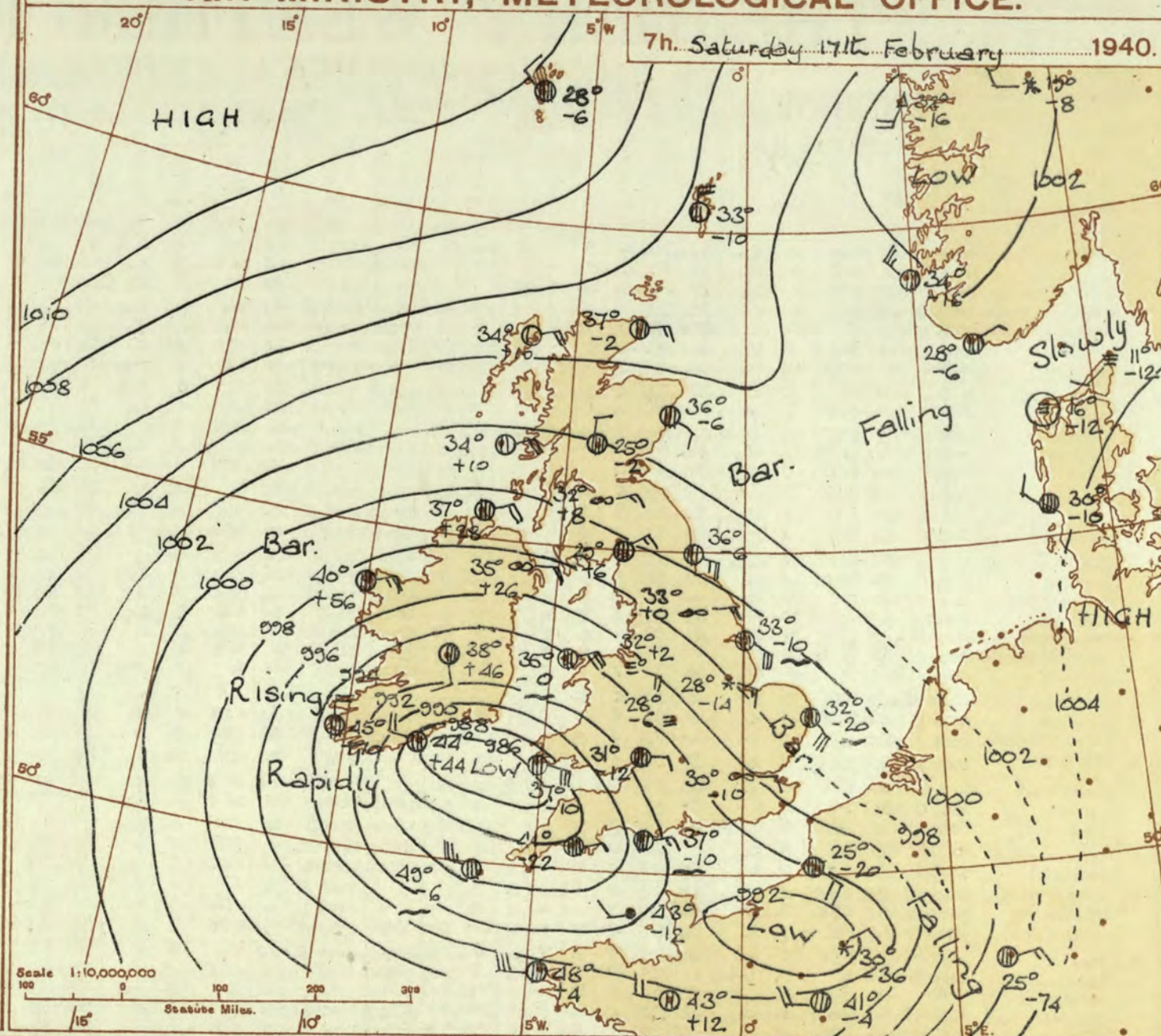
COLUMN 29 —STATE OF GROUND.

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, thawing snow.

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 17th February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th February, 1940.
1 S.E. England	Wind southeast moderate, fresh or strong on coast; mainly dull with snow at times especially in extreme southeast; temperature mainly about or slightly below freezing.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind east moderate; cloudy; occasional snow, frosty.
6 South Wales ...	
7 North Wales ...	Wind variable becoming northerly; cloudy, some rain at first; occasional sleet or snow later; becoming cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind east moderate backing northeast, fresh on coast; mainly cloudy; occasional snow showers, cold with night frost.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	Wind northeast, moderate; mainly cloudy, occasional snow showers; cold.
16 Orkneys and Shetlands	
17 N.W. Ireland	As 6 - 14.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

A depression off the mouth of the Bristol Channel is moving southeast and another centre over Northeast France is moving east. There will be further snow fall in Southeast England, occasional snow showers in the North and rain in the Southwest. It will continue cold in most districts with frost in many places.

FURTHER OUTLOOK.

Wintry weather continuing.

Gale Warning.

Warning of southeast gale issued at 1420 G.M.T. on 16/2/40 for districts 1(part) and 5(part) and at 1905 G.M.T. on 16/2/40 for districts 1(part)2, 10, 11. Warning of south to southeast gale still in operation in districts 5(part) 6, 7, 8, 12, 13, 17, 18, 19 and 20.

Forecasts issued at 1100 G.M.T.

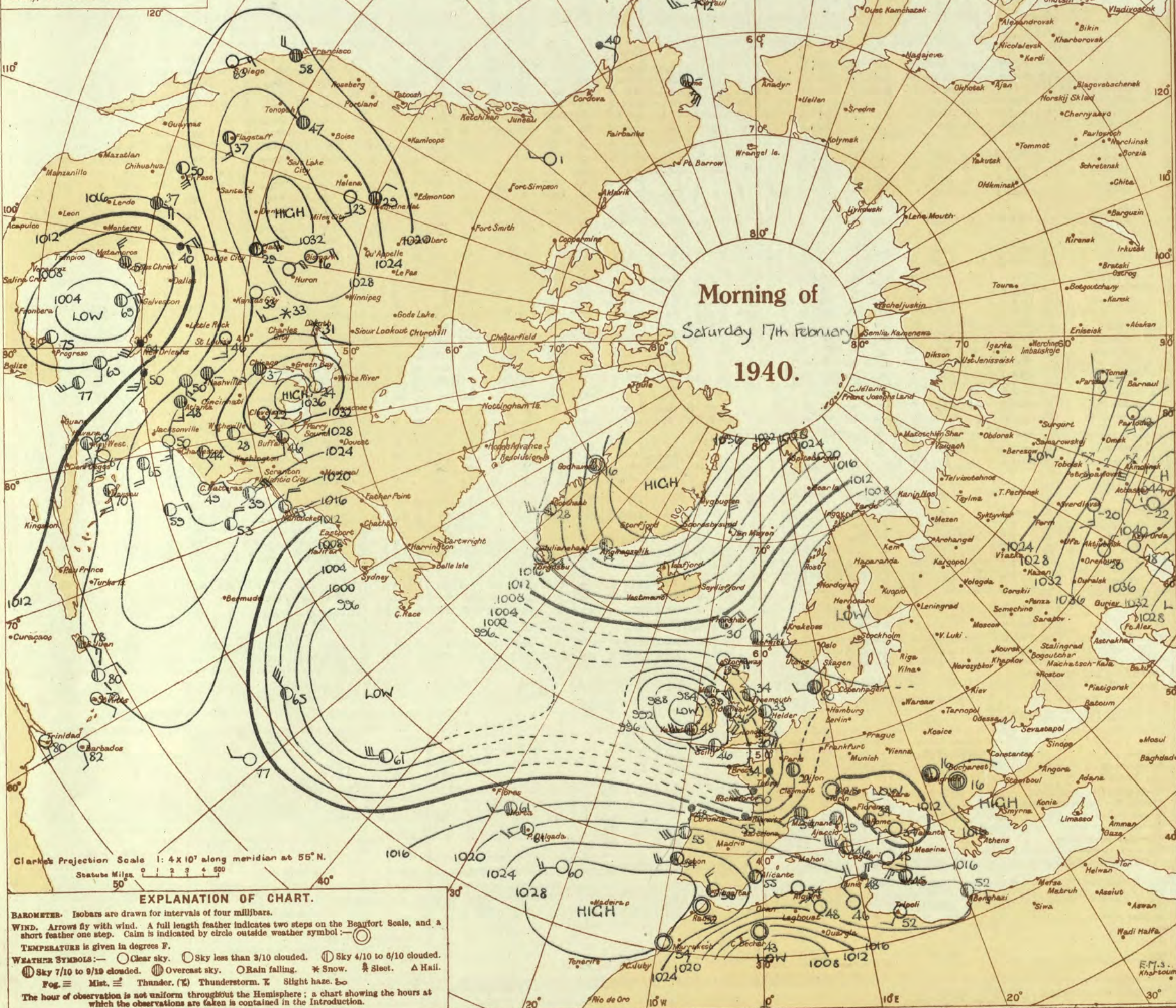
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

H.B.S. & Press, Cornwall House, S.E.1.

0 475 (1827) 11, 0109, 0 7466, 00 048/23430, 0 7466

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

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



Clarke's Projection Scale 1: 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.

☼ 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.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday 17th February 1940.
N 28.576.

OBSERVATIONS at 1 hr. G.M.T. 17th February														OBSERVATIONS at 7 hr. G.M.T. 17th February														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.		RAINFALL.		SUNSHINE (36) Hrs.					
					Direc.	Force.					Form.	Amount.	Height of Base. (feet) (11)	Form.			Amount.	Height of Base. (feet) (25)					Min. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)									
																														Low. (9)	Med. (10)	High (11)		Low (12)	Total (13)	Base. (14)	Low (23)	Med. (24)
1	London (Kew) ...	18	998.7	-38	E'S	4	SS	30	97	4	*	2	10	10	1500	994.3	-10	E'S	3	20	30	85	5	5	-	10	10	1500	8	*	30	30	29	-	2	0.8		
	Croydon ...	217	998.7	-38	E'S	4	SS	30	97	4	*	2	10	10	1500	994.7	-10	E	2	20	30	97	6	5	-	10	10	800	8	*	30	29	28	-	5	1.1		
	S. Farnborough ...	226	996.9	-42	E'S	4	SoSo	31	97	4	5	-	10	10	1500	993.5	-6	E'N	3	15	31	97	6	5	-	10	10	800	8	*	40	30	28	-	7	1.1		
	Boscombe Down ...	417	994.7	-32	SE'E	5	SoSo	32	92	4	-	2	10	10	800	992.2	-6	E	3	0/5	32	97	5	5	-	10	10	800	7	*	30	31	31	Tr	7	0.0		
	Calshot (Stamta.) ...	8	994.9	-40	SE'S	5	rr	34	97	5	5	2	10	10	1500	992.0	-2	E'S	4	20	35	97	6	5	-	10	10	1500	6	3	40	32	31	-	7	0.0		
	Lympne ...	346	1002.1	-46	SE'E	4	SS	29	97	4	5	-	10	10	220	995.7	-14	ESE	4	Ks	27	92	6	5	-	10	10	800	8	*	37	27	24	-	2	1.4		
	Manston ...	154	1001.1	-48	SE	5	20	31	85	5	5	-	10	10	4000	995.5	-10	SE	5	C/S	28	97	5	5	-	10	10	800	9	*	36	26	24	-	0.4	2.1		
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	996.7	-14	ESE	5	SoSo	30	97	4	6	2	-	9	10	800	8	*	37	29	21	-	2	1.1		
	Felixstowe ...	15	1002.3	-40	SE	4	20	34	75	6	-	2	10	10	1500	996.3	-22	SE'E	6	15	32	85	6	-	2	10	10	1500	8	4	37	29	28	-	Tr	4.8		
	Gorleston ...	5	1004.7	-34	SE'S	5	C	34	85	5	5	-	10	10	2500	998.9	-20	SE'S	6	C	32	92	6	5	-	10	10	2500	6	4	36	32	31	-	-	-		
	Mildenhall ...	19	1000.8	-38	ESE	5	20	33	85	5	-	2	10	10	1500	996.8	-8	ESE	3	SS	29	97	4	-	2	10	10	800	8	*	(35)	28	28	-	2	3.7		
	Cranwell ...	240	1001.0	-34	SE'E	4	m	31	97	4	5	-	10	10	5700	997.3	-14	ESE	3	SS	28	97	4	-	2	10	10	800	8	*	33	28	28	-	1	4.7		
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	994.9	-6	ESE	3	0/5	28	97	3	5	-	10	10	800	8	*	36	27	27	Tr	4	0.3			
	Upper Heyford ...	408	997.9	-36	ESE	4	SoSo	30	97	3	-	2	10	10	800	994.6	-10	E	2	20	28	92	5	-	2	10	10	800	8	*	37	27	23	Tr	5	*		
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	993.2	-12	E	2	C	31	97	6	5	-	10	10	1500	7	*	35	31	31	0.1	6	0.0			
5	Hartland Point ...	209	992.0	-6	SSW	3	bc	38	92	8	5	-	4.6	4.6	2500	987.1	-26	SSE	3	rr	40	92	8	8	2	-	7.8	94	1500	1	5	41	35	33	8	5	0.0	
	Bristol ...	209	994.4	-22	SSE	4	SoSo	33	97	5	5	-	10	10	800	992.1	-10	ESE	3	20	37	92	6	5	-	10	10	450	7	*	30	32	32	0.2	3	0.0		
	Portland Bill ...	32	992.5	-8	SW	4	C	43	92	7	5	-	10	10	4000	991.3	-10	ENE	3	C	37	92	7	5	-	10	10	1500	1	4	40	32	*	5	8	*		
	Plymouth ...	82	993.3	-6	-	0	F	37	97	1	-	-	10	10	4150	989.4	-22	E'N	1	4/4	41	97	7	5	-	10	10	1500	1	3	44	33	33	23	13	0.0		
	The Lizard ...	240	993.2	-4	SW	3	bc	45	92	8	4	-	2.3	2.3	2500	989.0	-20	W	5	C	47	85	7	8	2	-	9	10	2500	1	3	46	43	*	23	2	0.0	
	Scilly (St. Mary's) ...	163	992.2	-6	WSW	3	bc	46	85	8	2	-	2.3	2.3	2500	988.2	-6	W'N	7	C	49	75	7	8	2	-	7.8	94	1500	1	4	47	43	*	19	1	0.1	
	Guernsey ...	175	993.2	-18	SW	2	C	40	97	6	8	-	7.8	7.8	1500	991.4	-12	W'S	2	rr	43	97	6	5	-	10	10	800	6	3	39	34	31	11	3	0.0		
6	Pembroke ...	142	991.8	-2	SE'E	6	15	37	97	7	8	-	94	94	1500	987.6	-10	ESE	6	C/r	37	97	6	8	-	-	94	94	1500	1	3	42	36	*	24	11	0.0	
7	Holyhead ...	26	991.5	-24	SE'E	4	C	36	85	7	5	2	-	7.8	94	2500	991.1	0	ENE	6	C	35	85	6	5	3	-	7.8	7.8	2500	4	4	41	33	31	5	6	0.0
	Chester (Sealand) ...	16	996.8	-14	ESE	4	SoSo	32	97	4	-	2	10	10	800	995.0	+2	ESE	4	m	32	85	4	5	-	10	10	800	8	*	36	32	31	-	4	0.0		
8	Manchester ...	70	998.1	-24	E'S	5	15	32	97	4	6	2	9	10	800	996.1	-2	E	4	15	31	92	4	-	2	10	10	1500	8	*	37	29	29	-	4	1.7		
10	Spurn Head ...	29	1002.1	-28	SE	6	0	33	97	6	5	-	10	10	5700	998.7	-10	SE'E	6	C	33	97	6	5	1	-	9	10	4000	8	4	36	32	*	-	-	8.3	
	Catterick ...	175	1001.9	-26	ESE	4	20	30	92	5	1	-	2.3	7.8	1500	999.7	0	E	3	20	33	85	5	5	-	1	1	2500	3	*	29	23	19	-	-	0.0		
	Tynemouth ...	108	1004.1	-24	SSE	5	C	34	97	6	9	-	7.8	7.8	1500	1001.9	-6	SE	5	C	36	75	7	9	-	9	9	1500	4	2	34	31	28	-	-	*		
11	St. Abbs Head ...	280	1003.5	-12	SSE	3	C	33	75	6	8	2	-	7.8	94	2500	1001.3	-6	ESE	3	C	35	75	7	8	2	-	7.8	10	2500	8	2	35	28	*	-	-	*
	Leuchars ...	36	1004.0	-10	E	1	20	33	92	6	5	-	10	10	4000	1002.1	-6	ENE	2	C	36	75	7	5	-	10	10	4000	3	*	30	32	29	-	-	5.7		
12	Renfrew (Abbots L.) ...	19	1001.6	-16	E'N	3	m	31	85	4	5	-	10	10	1500	1001.6	+8	ENE	3	20	32	85	6	5	-	2	2.3	7.8	2500	8	*	38	29	25	-	-	2.6	
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	1000.3	+6	NE'E	3	C	29	85	6	5	7	-	4.6	9	1500	8	2	34	23	*	-	-	5.7		
	Point of Ayre ...	36	*	*	*	*	*	*	*	*	*	*	*	*	1001.1	+10	ENE	4	bc	34	75	8	5	-	-	4.6	4.6	4000	0	3	39	33	31	-	-	1.7		
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	*	1005.6	+10	ENE	4	b	34	75	7	5	-	-	Tr	Tr	4000	1	2	42	32	*	-	-	8.4		
13B	Stornoway ...	80	1005.6	0	E	5	b	35	75	7	-	-	0	0	-	1005.6	+10	ENE	4	b	34	75	7	5	-	-	Tr	Tr	4000	1	2	42	32	*	-	-	8.4	
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	-2	N	2	C	25	92	7	5	-	-	1												

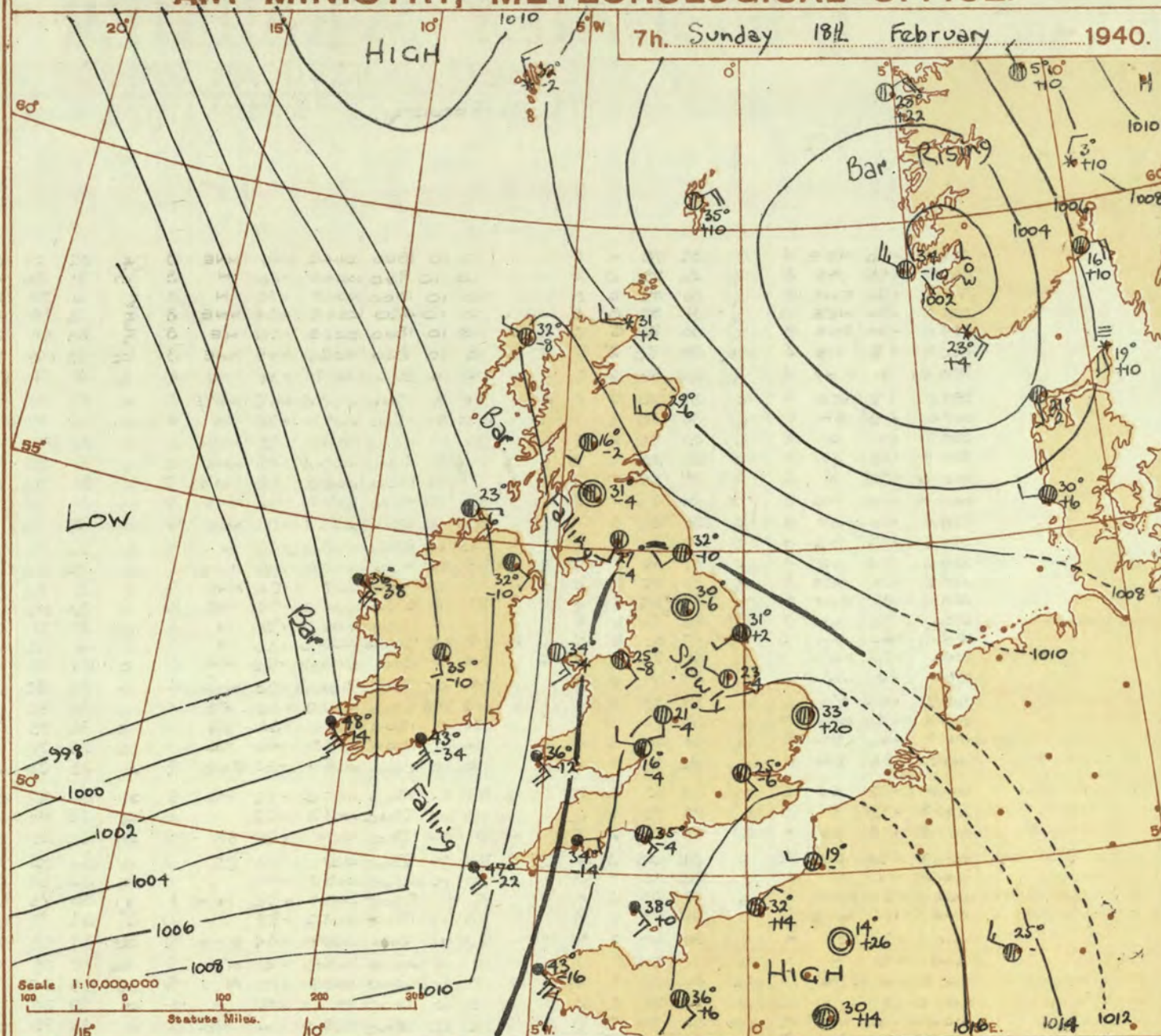
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 17th February														OBSERVATIONS at 18h. G.M.T. 17th February														PAST 24 HOURS.					
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.			
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Med. 10-10 High 10-10 Total 0-10 (12) (13) (14)	Dir.	Force. 0-12 (18)	Form.			Amount. Low 0-10 Med. 10-10 High 10-10 Total 0-10 (23) (24) (25) (26) (27)	Height of Base (feet) (28)					7h.-13h. 17th Feb. (37)	13h.-18h. 17th Feb. (38)	18h. 17th Feb. (39)	1h.-7h. 18th Feb. (40)							
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Soton.) ... Lympne ... Manston ...	30.6.3 30.7.2 30.6.8 30.6.2 30.4.9 30.5.9 30.5.5	+2.0 +2.2 +2.6 +3.4 +2.4 +8 0	Z Z Z Z Z Z Z	4 3 3 3 4 4 4	J J J J J J J	32 30 32 31 33 32 30	75 75 75 75 75 85 85	4 5 5 5 5 5 5	- - - - - 2 -	- - - - - 10 10	10 10 10 10 10 10 10	1500 1500 1500 1500 1500 800 800	30.4.6 30.4.6 30.4.7 30.4.8 30.3.9 30.2.5 30.1.7	+4.6 +5.0 +5.2 +5.4 +5.6 +4.2 +3.8	Z Z Z Z Z Z Z	3 3 3 3 3 3 4	J J J J J J J	32 31 31 29 33 29 29	65 85 75 86 86 75 75	5 4 5 6 6 5 5	5 5 5 5 5 4 5	- - - - - - 6	4-6 7-8 2-3 7-8 2-3 2-3 7-8	2500 1500 4000 4000 4000 800 1500	8 8 7 7 7 4 3	* * * * * * *	cm ols ls c cm cm cm	cm cm cm cm cm cm cm	bcc cm cm cm cm cm cm	bcc cm cm cm cm cm cm	max cm cm cm cm cm cm	
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	30.7.3 30.7.4 30.8.8 30.8.8 30.1.0	+8 +1.0 +1.4 +1.8 +2.4	Z Z Z Z Z	4 5 5 5 4	J J J J J	33 33 33 33 32	75 75 85 85 85	6 5 6 7 5	5 1 1 1 -	- 4-6 3- 4-6 3- 10 10	5 9 9 9 9	1500 1500 2500 4000 1500	30.3.5 30.2.3 30.1.5 30.0.5 30.0.3	+4.2 +2.8 +2.6 +4.2 +4.6	Z Z Z Z Z	5 5 5 3 2	J J J J J	32 32 33 31 31	75 97 85 92 86	8 6 7 7 5	5 6 4 5 3	- - - - - - 7-8	3- 7-8 7-8 3- 3- 7-8	4000 1500 2500 2500 2500	8 7 4 8 8	* * * * *	c ols c cm cm	c cm c c c	bxc cb,c c c c	cx c c c c		
3	Birmingham ... Upper Heyford ... Ross-on-Wye ...	100.4 80.4 30.2	+3.4 +3.0 +3.4	Z Z Z	3 3 3	m/8 J J	30 30 32	85 85 85	6 6 6	- 2 -	- 10 10	10 10 10	450 800 800	100.3 100.7 100.8	+5.0 +5.2 +5.2	Z Z Z	2 2 2	m/8 J J	31 27 30	65 76 75	4 5 5	5 6 5	- - - - - - 4-6	3- 4-6 4-6	1500 4000 1500	1 8 8	* * *	cm cm cm	cm cm cm	cm cm cm	cm cm cm	cm cm cm	
4	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	30.5.6 30.6.2 30.4.0 30.1 30.4.3 30.2.1 30.7	+7.4 +3.4 +3.2 +7.0 +4.0 +5.6 -6	Z Z Z Z Z Z Z	4 4 5 5 5 5 5	J J J J J J J	32 32 35 35 40 47 47	75 75 85 85 85 85 85	6 5 7 5 8 8 8	2 - - 7 6 6 6 1	- -																						

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 18th February 1940.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th February, 1940.

1 S.E. England	Wind south to southeast, moderate; cloudy or dull, snow or sleet turning to rain or drizzle with fog; cold but temperature rising slowly.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind southwest, moderate; cloudy, rain or drizzle with coast and hill fog; mild.
6 South Wales ...	Wind southeast veering southwest, moderate; dull, rain at first; drizzle with coast and hill fog later, becoming rather mild.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1 - 4.
10 N.E. England	
11 S.E. Scotland	As 15 - 16
12 S.W. Scotland & Isle of Man.	As 1 - 4.
13 { A.W. Scotld. B.N.W. Scot- land.	Wind variable, light or moderate; mainly fair, but occasional snow showers in east; cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind southeast, moderate, veering southwest; cloudy, rain or snow at first, occasional rain or drizzle later; becoming rather mild
18 N. E. Ireland	
19 S. E. Ireland	As 6 - 7
20 S. W. Ireland	As 5.

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

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

GENERAL INFERENCE.

A depression centred off West Ireland and an associated trough of low pressure extending across the Bay of Biscay are spreading east. A wedge of high pressure covering Great Britain is moving east and a vigorous depression is centred off Southwest Iceland. Rain will spread from the southwest across the country but will be preceded by a period of snow in the Midlands, East and North. Temperature will rise generally but will only slightly exceed freezing today in eastern districts.

FURTHER OUTLOOK.

Mild and unsettled in the Southwest; dull with some rain or drizzle and rising temperatures in the East.

Forecasts issued at 1030 G.M.T.

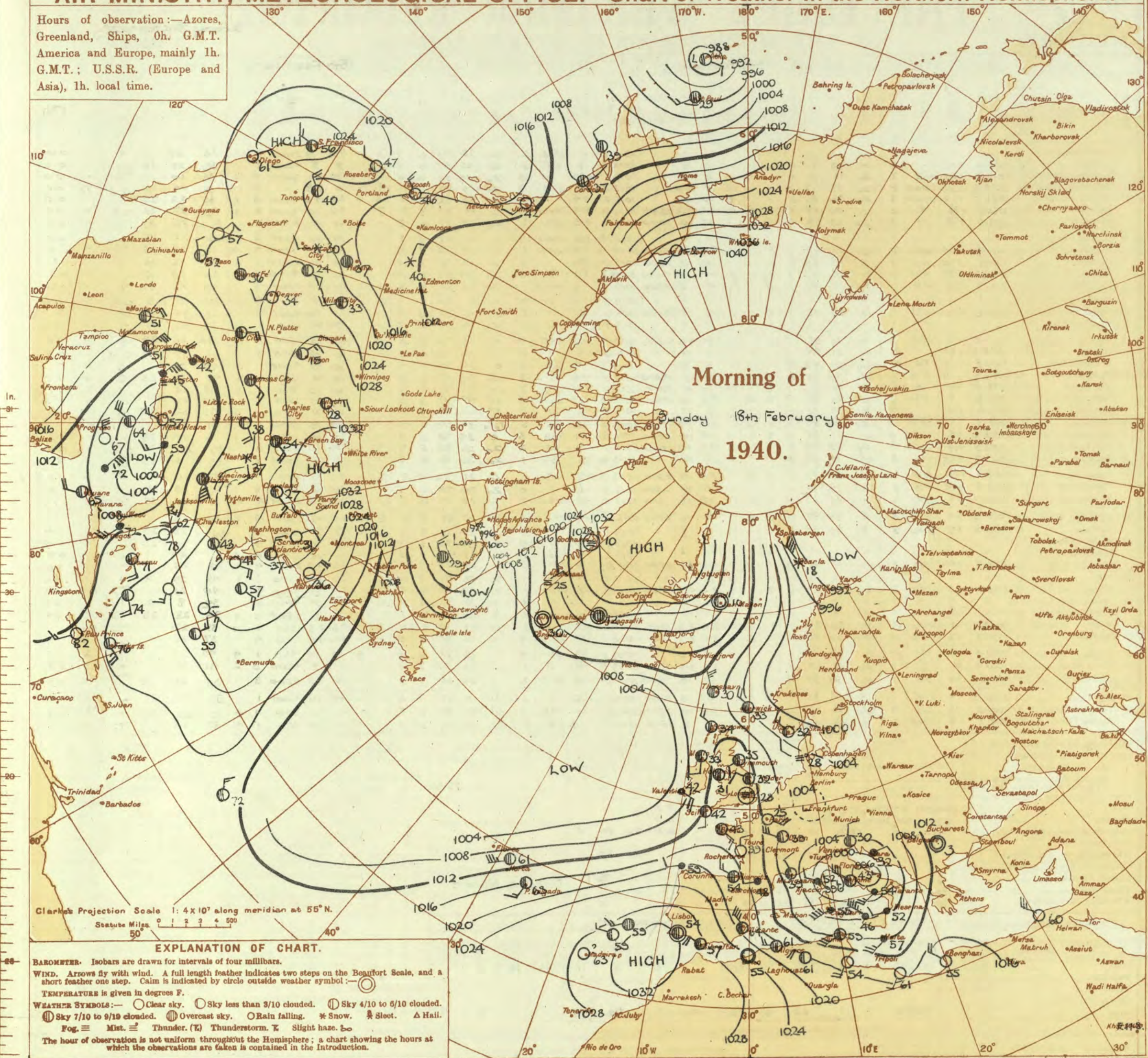
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

4-403/1827 No. 5108. D. 4445. 40. 4445. 40. 4445. 40.

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. 18th February														OBSERVATIONS at 7 hr. G.M.T. 18th February														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE Hrs.			
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.			Night 18h-7h mm.							
																																Low.	Med.	High.		Low.	Total.	Low.
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1015.2	0	SE E	2	20	25	85	6	5	3	-	7-8	94	2500	8	*	34	24	6	-	-	0.0			
	Croydon	217	1012.6	+30	*	*	m	28	92	4	-	-	0	0	-	1014.7	-6	SE	2	20	25	97	6	5	-	-	9	9	4000	8	*	32	20	13	0.1	-	0.0	
	S. Farnborough	226	1012.8	+30	W S	2	20	16	92	5	-	-	0	0	-	1016.1	+10	-	0	20	14	92	6	5	-	-	94	94	2500	8	*	33	10	1	Tr	-	0.0	
	Boscombe Down	417	1014.2	+30	WNW	2	20	19	92	6	-	-	8	0	2-3	-	1015.3	-2	ESE	2	20	19	92	6	5	-	-	0	7-8	-	7	32	14	11	0.3	Tr	0.0	
	Calshot (Stmntn.)	8	1013.0	+34	NNW	2	20	26	85	5	-	-	5	0	0	-	1015.2	+4	-	0	25	92	5	5	3	-	4-6	4-6	4000	4	1	35	22	20	0	-	0.0	
	Lympe	346	1012.5	+38	N	2	20	30	85	7	5	3	-	4-6	7-8	2500	1016.6	+14	NNW	1	20	28	85	8	5	7	-	4-6	10	4000	8	1	30	27	23	0.3	-	0.0
	Manston	154	1011.5	+38	N	3	20	32	92	5	5	-	-	10	10	1500	1015.8	+18	W S	2	20	29	97	6	5	-	-	10	10	2500	9	*	31	28	27	Tr	-	0.0
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1015.4	+12	WNW	4	20	30	85	4	5	-	-	-	10	10	4000	8	*	33	25	17	-	-	0.0		
	Felixstowe	15	1011.7	+34	NNW	2	c	31	97	7	5	-	-	94	4000	1015.4	+18	WNW	1	20	33	85	8	5	-	-	94	94	4000	4	0	33	28	25	Tr	-	0.0	
	Orleston	5	1011.2	+30	NW	1	c	33	85	7	5	-	-	10	10	2500	1015.0	+20	-	0	33	85	7	5	-	-	94	94	2500	1	2	35	32	30	-	-	0.0	
	Mildenhall	19	1012.2	+28	NW	1	c	31	97	7	5	-	-	94	4000	1014.7	+2	S	2	20	30	97	6	5	-	-	10	10	4000	8	*	34	24	17	1	-	0.1	
	Cranwell	240	1012.3	+18	W N	1	20	31	75	6	5	-	-	10	10	2500	1013.7	-4	WNW	1	20	23	85	6	5	3	1	2-3	2-3	2500	8	*	35	20	12	2	-	1.1
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1014.5	-4	S	2	20	21	85	6	5	-	-	-	0	9	-	8	*	31	21	9	0.3	-	0.0		
	Upper Heyford	408	1013.6	+26	WNW	1	b	26	85	7	5	-	-	Tr	Tr	4000	1015.6	0	W	2	16	92	6	5	-	-	10	10	4000	8	*	31	15	9	0.1	-	0.0	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1014.5	-4	W	1	20	16	92	5	5	-	-	-	94	94	1500	8	*	32	12	4	-	-	0.0		
5	Hartland Point	299	1012.2	+2	SSE	3	bc	31	85	7	5	-	-	4-6	4-6	2500	1010.4	-12	SSE	4	20	34	92	7	8	2	-	4-6	10	2500	1	3	40	31	29	5	1	0.6
	Bristol	209	1014.3	+30	-	0	m	21	85	4	-	-	0	0	-	1014.3	-6	-	0	20	22	92	5	5	-	-	10	10	2500	8	*	33	17	14	0.2	-	0.0	
	Portland Bill	32	1013.9	+36	NE	2	b	29	92	7	-	-	0	0	-	1014.2	-4	S E	3	20	35	92	8	5	-	-	10	10	4000	1	3	44	28	*	4	-	0.0	
	Plymouth	82	1013.5	+10	E N	2	20	33	75	5	5	-	-	10	10	4000	1012.5	-14	E	2	20	34	92	5	5	-	-	10	10	1500	1	2	44	33	28	6	2	0.7
	The Lizard	240	1012.4	+6	N	2	c	41	85	7	5	-	-	10	10	1500	1010.6	-16	SE S	3	20	43	97	5	5	-	-	10	10	800	1	3	48	38	*	1	4	3.7
	Scilly (St. Mary's)	163	1011.6	0	S W	1	c	42	85	7	5	2	-	4-6	10	1500	1008.2	-22	SSE	4	20	47	97	6	5	-	-	10	10	1500	1	3	49	42	*	0.1	9	0.3
	Guernsey	175	1013.2	+20	-	0	b	36	75	6	-	-	0	0	-	1014.0	0	S E	3	20	38	85	6	5	-	-	10	10	1500	1	3	49	32	27	5	0.1	1.8	
6	Pembroke	142	1011.8	+2	SE S	4	20	36	85	6	5	2	-	2-3	7-8	1500	1009.9	-12	SE	5	20	36	97	5	5	-	-	10	10	1500	1	2	41	32	*	0.1	0.3	2.0
7	Holyhead	26	1012.8	+18	-	0	c	31	85	6	5	-	-	10	10	2500	1011.2	-4	SSE	3	20	34	75	6	5	-	-	10	10	2500	1	1	36	29	23	-	-	3.9
	Chester (Sealand)	16	1013.3	+18	-	0	20	26	97	5	5	-	-	10	10	1500	1013.1	-8	SE	2	20	25	85	5	5	3	-	94	10	2500	8	*	35	23	19	0.2	-	0.0
8	Manchester	70	1013.4	+20	-	0	bc	16	92	3	-	-	0	0	-	1013.8	-8	SE	1	20	23	85	5	5	-	-	9	9	4000	8	*	35	15	13	Tr	-	0.0	
10	Spurn Head	29	1012.1	+18	NW	2	c	32	97	7	5	2	-	7-8	10	2500	1013.3	+2	W S	1	20	31	92	4	5	2	-	4-6	10	800	3	1	34	30	*	-	Tr	1.1
	Catterick	175	1012.2	+18	SW	2	20	32	75	6	5	-	-	10	10	2500	1012.2	-6	-	0	30	75	6	5	-	-	10	10	4000	8	*	36	29	19	-	-	1.0	
	Tynemouth	108	1012.7	+8	WSW	2	c	35	75	6	5	-	-	10	10	1500	1013.0	-10	WSW	2	20	32	75	6	8	-	-	7-8	7-8	2500	4	2	37	30	29	-	-	0.0
11	St. Abbs Head	280	1010.3	+4	WNW	3	c	33	85	5	5	2	-	9	10	2500	1012.0	+4	NW	2	bc	35	85	7	4	6	1	2-3	4-6	2500	4	2	40	28	*	-	-	*
	Leuchars	36	1010.2	+8	WNW	2	b	30	75	8	-	-	1	0	1	-	1009.9	-2	-	0	29	75	8	5	-	-	9	9	4000	3	*	36	28	23	-	-	0.0	
12	Renfrew (Abbots I.)	19	*	*	*	*	*	*	*	*	*	*	*	1010.9	-4	-	0	20	31	92	6	5	-	-	-	94	94	2500	3	*	38	30	27	-	-	0.0		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1011.2	-4	S W	2	c	27	92	6	5	-	-	-	10	10	800	8	2	34	24	*	-	-	0.0		
	Point of Ayre	30	1012.2	+20	SSW	2	c	31	92	7	5	3	-	4-6	94	2500	1011.0	-4	SSW	3	c	35	75	7	5	1	-	7-8	10	2500	4	1	39	28	*	-	-	1.0
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1008.9	-4	ESE	1	bc	33	75	8	5	3	-	-	2-3	4-6	4000	3	1	42	29	18	-	-	4.6		
13B	Stornoway	80	1011.0	+2	WNW	3	bc	34	75	7	3	-	-	4-6	4-6	2500	1010.2	-8	WNW	1	c	32	85	7	5	7	-	7-8	94	4000	4	1	40	31	*	0.6	4.3	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	-2	S	2	c	16	97	8	5	6	1	7-8	94	4000	8	*	32	8	6	-	-	0.0		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1008.8																								

THE DAILY WEATHER REPORT

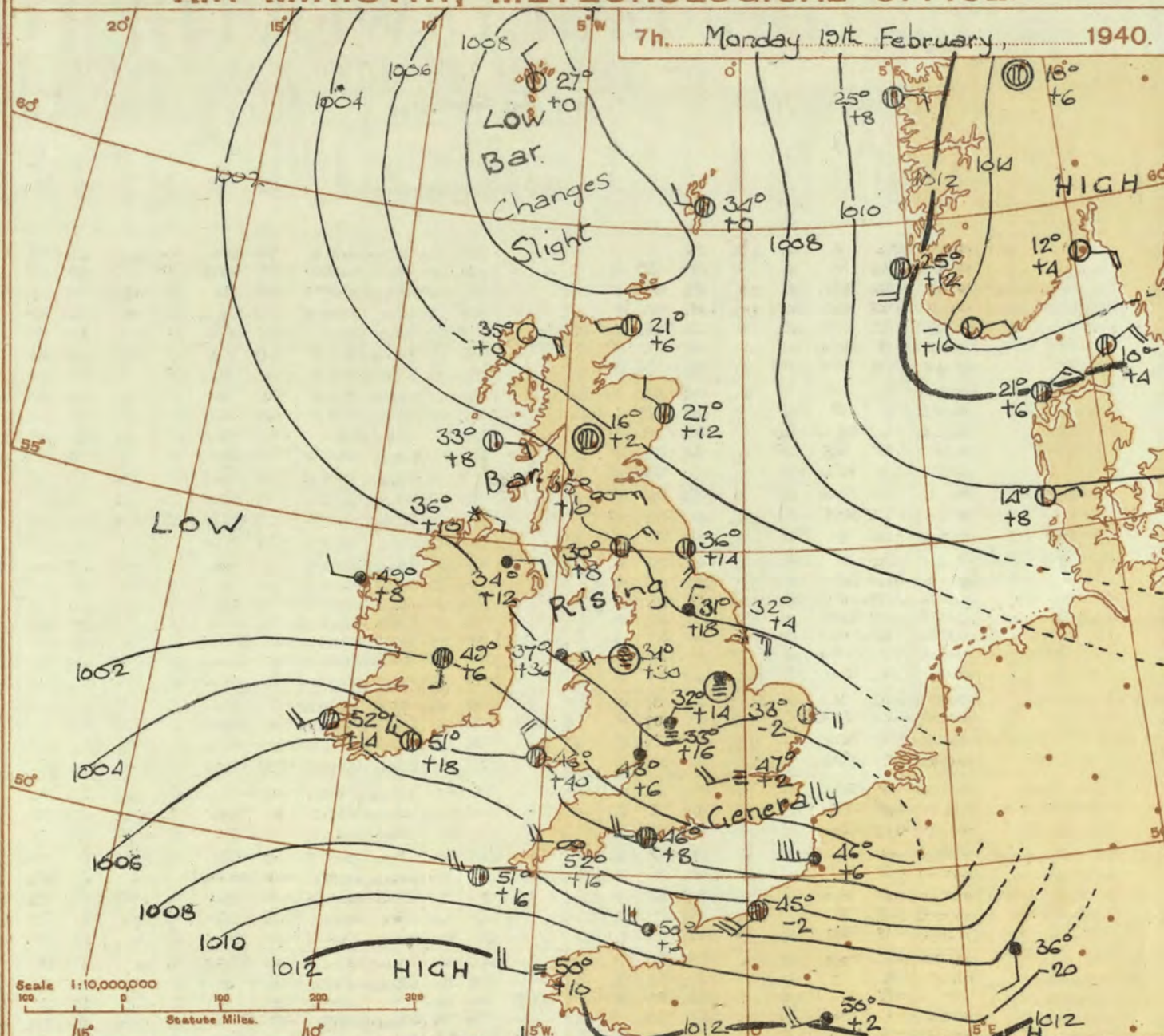
OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Monday, 18th February 1940.
 No. 28,578.

OBSERVATIONS at 13h. G.M.T. 18th February														OBSERVATIONS at 18h. G.M.T. 18th February														PAST 24 HOURS.								
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.						
				Dir.	Force. 0-12 (4)					Form.	Amount. Low Total 0-10 0-10 (12) (13)	Height of Base. (feet) (14)	Dir.	Force 0-12 (18)			Form.	Amount Low Total 0-10 0-10 (26) (27)					Height of Base (feet) (28)	7h.—13h. 18th Feb. (37)	13h.—18h. 18th Feb. (38)	18h.—1st 19th Feb. (39)	1st.—7h. 19th Feb. (40)									
1	London (Kew)...	1013.1	-2.0	S	3	3	34	75	5	-	-	10	10	1500	1007.6	-2.4	SE	3	3	33	85	5	5	-	-	10	10	1500	6	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Croydon ...	1014.0	-2.0	S	3	3	35	85	6	5	-	10	10	800	1008.5	-3.2	SE'S	3	3	33	37	6	6	2	-	10	10	1500	8	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	S. Farnborough	1013.3	-2.6	SE'S	3	3	32	85	4	5	-	10	10	2500	1007.7	-3.8	SE	3	3	34	37	5	5	-	-	10	10	1500	6	*	fbssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Boscombe Down	1011.6	-2.8	SE	4	4	32	97	4	5	-	10	10	450	1008.2	-3.4	SE'S	4	4	34	37	1	1	-	-	10	10	1500	7	*	pmssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Calshot (Soton.)	1012.7	-2.2	SE	4	4	35	92	6	6	2	7-8	10	800	1008.7	-3.0	SE'S	3	3	37	37	4	4	-	2	-	10	10	1500	4	2	becmss	cs,ls,rd	cd,dr,mo	cr,mo	
	Lympne	1015.5	-1.8	SE'S	4	4	35	75	5	2	-	4-6	10	4000	1011.8	-2.0	SE	3	3	32	35	7	7	-	-	10	10	1500	8	3	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Manston	1014.8	-1.2	SE	4	4	35	75	7	5	2	7-8	10	2500	1010.7	-2.4	S	4	4	32	35	6	6	-	-	10	10	1500	8	3	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
2	Shoeburyness ...	1014.5	-2.0	N	2	2	35	85	6	5	-	10	10	4000	1010.6	-2.6	N	4	4	32	37	6	6	-	-	10	10	1500	8	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Felixstowe	1014.3	-1.4	S	3	3	35	75	6	5	-	10	10	2500	1010.7	-1.6	S	4	4	34	35	6	6	2	-	2-3	10	1500	7	3	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Gorleston	1014.4	-4	SSW	2	2	36	75	7	5	-	9	9	2500	1011.1	-2.0	SW	4	4	33	35	6	6	-	-	10	10	1500	1	2	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Mildenhall	1013.1	-1.8	SE	3	3	35	92	6	5	7	-	3	3	4000	1008.3	-2.2	SE	4	4	33	32	6	6	-	-	10	10	1500	8	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
	Cranwell	1012.2	-1.8	SE	3	3	31	85	7	5	1	-	3	3	4000	1008.0	-2.6	SE'S	3	3	31	37	3	3	-	2	-	10	10	1500	8	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo
3	Birmingham	1011.3	-2.2	SE	3	3	32	92	4	-	2	-	10	10	2500	1009.1	-2.0	SE	3	3	33	37	4	-	2	-	10	10	1500	8	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
	Upper Heyford	1012.3	-2.2	SE	3	3	31	92	4	-	2	-	10	10	800	1007.4	-2.2	SE	3	3	33	37	4	-	2	-	10	10	1500	8	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
4	Ross-on-Wye	1010.0	-2.4	S	3	3	33	85	6	5	-	10	10	1500	1004.3	-2.4	SSW	2	2	34	37	5	5	-	-	10	10	1500	6	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
5	Hartland Point	1005.1	-3.0	S	4	4	45	92	8	8	2	-	7-8	9	2500	1002.6	-1.0	SW	4	4	48	37	2	-	-	10	10	1500	1	3	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Bristol ...	1010.5	-3.0	SE'E	3	3	33	97	7	-	2	-	10	10	800	1004.8	-2.4	S	3	3	37	37	6	6	2	-	3	10	1500	6	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
	Portland Bill	1010.6	-2.8	SE	4	4	33	97	7	5	-	10	10	1500	1005.2	-2.0	WSW	3	3	44	32	3	3	-	-	10	10	1500	1	3	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Plymouth	1008.2	-2.2	SE	2	2	46	97	4	6	2	-	7-8	10	800	1005.3	-1.2	W'S	4	4	49	37	4	-	2	-	10	10	1500	1	3	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
	The Lizard	1007.3	-1.0	WSW	4	4	43	97	3	5	-	10	10	800	1006.0	-1.4	WSW	6	6	43	37	5	5	-	-	10	10	1500	1	4	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Silly (St. Mary's)	1006.6	-1.6	WSW	5	5	51	97	4	6	-	10	10	800	1005.3	-1.8	WSW	6	6	51	37	5	5	-	-	10	10	1500	1	4	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Guernsey	1010.1	-3.2	SW	2	2	40	97	4	5	-	10	10	450	1007.0	-1.8	W'N	4	4	50	37	5	5	-	-	10	10	1500	2	3	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
6	Pembroke	1005.2	-1.6	SE	6	6	40	97	5	5	-	10	10	1500	1002.8	-1.8	E'N	2	2	41	37	1	1	-	-	10	10	1500	1	2	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
7	Holyhead	1006.6	-3.0	E'NE	4	4	33	97	4	-	2	-	10	10	800	1004.8	-1.4	NE'E	4	4	36	37	5	5	-	-	10	10	1500	4	2	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
	Chester (Sealand)	1003.0	-2.4	SSE	4	4	30	85	5	6	2	-	7-8	10	800	1004.6	-2.6	SE'S	4	4	33	32	4	-	2	-	10	10	1500	8	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
8	Manchester	1010.3	-2.2	SSE	3	3	31	85	5	5	2	-	3	3	2500	1006.0	-2.2	ESE	2	2	33	37	3	-	2	-	10	10	1500	8	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
10	Spurn Head	1012.0	-4	SSW	4	4	33	92	4	5	-	10	10	2500	1008.5	-1.8	SE	4	4	33	37	4	5	-	-	10	10	1500	7	2	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Catterick	1010.7	-1.0	SE	2	2	33	75	6	5	7	-	4-6	10	2500	1007.5	-1.8	SSE	2	2	33	85	4	5	-	-	10	10	1500	8	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
	Tynemouth	1011.6	-1.6	SW	3	3	35	75	3	5	-	3	3	2500	1008.5	-1.0	S	3	3	33	75	3	5	-	-	10	10	1500	4	2	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
11	St. Abbs Head	1003.3	-1.0	W	1	1	35	85	6	4	7	-	4-6	10	2500	1007.3	-1.0	SE	2	2	35	75	5	5	2	-	7-8	10	2500	4	1	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
	Leuchars	1003.0	-1.0	-	0	0	35	75	7	5	7	-	1	1	4000	1007.2	-1.0	E'NE	1	1	31	85	7	-	7	6	0	3	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo			
12	Reufrew (Abbots L.)	1003.4	-1.4	SW	1	1	36	65	4	5	1	-	3	3	2500	1006.6	-1.4	E	2	2	35	75	3	5	-	-	10	10	1500	1	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
	Eskdalemuir	1003.2	-1.8	S	1	1	32	75	5	5	-	10	10	1500	1006.1	-1.8	NE'N	2	2	31	75	6	5	-	-	10	10	1500	8	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
	Point of Ayre	1008.3	-1.8	SSE	5	5	34	75	6	5	2	-	3	3	1500	1004.2	-4	SES	5	5	33	32	6	6	2	-	4-6	10	1500	4	3	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo	
13A	Tiree	1007.0	-1.0	SE'E	2	2	38	85	7	5	-	4-6	10	2500	1004.4	-4	ESE	2	2	37	85	7	5	-	-	10	10	1500	0	2	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
13B	Stornoway	1003.7	-1.8	-	0	0	40	75	8	5	7	-	7-8	9	2500	1008.6	-4	E	3	3	34	85	8	5	-	7-8	10	1500	4	2	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo		
15	Dalwhinnie	*	-1.8	-	0	0	32	97	8	-	5	8	0	10	1007.0	-1.8	-	0	26	37	8	4	5	-	2-3	10	4000	8	*	cmgssm	cs,ls,rd	cd,dr,mo	cr,mo			
	Aberdeen	1008.8	-4	W'N	3	3	37	65	7	2	1	-	7-8	2500	1007.6	-1.8	-	0	33	85	4	-	7	-	0	4-6	-	0	1	bbs	cs,ls,rd	cd,dr,mo	cr,mo			
	Wick	1007.5	-2	W	3	3	33	97	8	2	3	-	4-6	7-8	1500	1008.3	-4	W	2	33	37	7	8	4	8	4-6	4-6	2500	4	1	bbs	cs,ls,rd	cd,dr,mo	cr,mo		
16	Lerwick	1008.3	+1.8	ESE	4	4	39	45	8	5	-	4-6	4-6	2500	1007.9	+2	SE	4	35	65	8	5	3	-	4-6	7-8	1500	1	*	bbs	cs,ls,rd	cd,dr,mo	cr,mo			
17	Blacksod Point...	1005.5	-1.8	SE	3	3	45	97	7	8	-	10																								

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 19th February, 1940.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th February, 1940.

1 S.E. England	Wind west or variable, light; dull, occasional rain or drizzle; local fog; average temperature.
2 E. England ...	Wind east, light; dull, sleet or rain, local fog and glazed frost; temperature a little above freezing.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind west, light or moderate; cloudy, occasional rain or drizzle; coast and hill fog; mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 2 - 4.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	Wind east or variable, light; mainly fair, apart from occasional snow showers; cold, frost at night, persisting all day locally inland.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 2 - 4.
18 N. E. Ireland	
19 S. E. Ireland	As 5 - 6.
20 S. W. Ireland	

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

GENERAL INFERENCE.

A complex trough of low pressure extending from N.W. Ireland to Belgium is almost stationary and filling up. Pressure is low over the North Atlantic and a stream of very mild air from the Azores has spread over our Southwest districts. Weather will continue cloudy and mild with occasional rain, and coast fog in the Southwest, while Northern Scotland will be mainly fair and cold. In remaining districts it will be dull and cold with rain or sleet and there will be fog and glazed frost in many places.

FURTHER OUTLOOK.

None issued.

Forecasts issued at 1030 G.M.T.

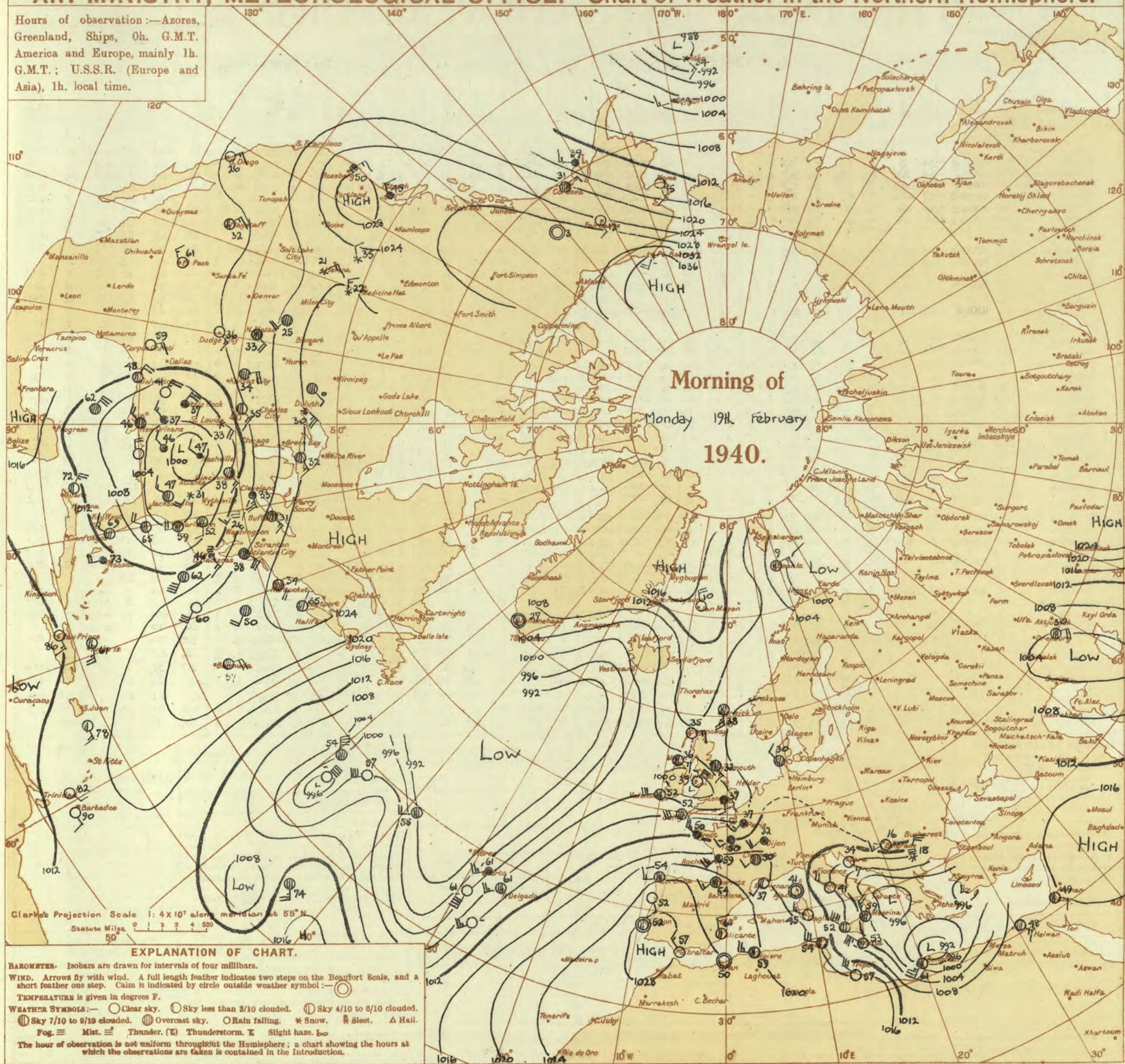
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

2 425/3827 M. 0109 D. 4620 40. 549/23450. 2/40

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 19th February														OBSERVATIONS at 7 hr. G.M.T. 19th February														PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE 18h-7h.		
					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.						
																																(3)	(4)	(5)		(6)	(7)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	399.3	-2	SW	3	ir	43	32	5	5	-	-	10	10	1500	1	*	35	33	32	0.5	6	0.0		
	Croydon	217	1002.8	-24	S	2	rofo	37	97	5	-	2	-	10	10	1000.5	+2	WSW	4	of	47	37	5	6	2	-	7.8	10	800	1	*	35	31	32	0.3	5	0.0
	S. Farnborough	226	1001.2	-34	SE	3	rs	36	97	4	-	-	-	10	10	1003.5	+2	WSW	4	id	45	37	6	6	-	-	10	10	800	2	*	34	34	33	0.1	(4)	0.0
	Boscombe Down	417	1001.6	-22	SW	3	rf	36	97	1	-	-	-	10	10	1001.1	0	W	6	id	45	37	7	6	-	-	10	10	450	6	*	34	33	32	2	8	0.0
	Calshot (St. Mary's)	8	1002.3	-22	WSW	4	rf	43	97	3	-	2	-	10	10	1002.0	+2	WSW	3	do	44	37	6	5	2	-	7.8	9	1500	1	3	37	36	35	1	7	0.0
	Lymington	346	1004.3	-34	SE	2	rf	37	92	1	-	-	-	10	10	1001.2	-6	WS	3	df	42	37	1	-	-	-	10	10	1500	6	3	36	32	29	Tr	7	0.0
	Manston	154	1003.5	-34	SE	4	rr	55	97	4	-	-	-	10	10	1000.4	+6	NW	1	df	36	37	1	-	-	-	10	10	1500	6	*	35	31	29	Tr	7	0.0
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1000.8	+4	ESE	1	rr	36	32	3	3	-	-	-	-	10	10	800	1	*	36	32	26	Tr	7	0.0
	Felixstowe	15	1003.3	-50	SSE	2	ir	33	97	5	-	-	-	10	10	1000.8	0	EN	2	do	35	37	4	5	-	-	10	10	450	4	1	36	31	30	Tr	7	0.1
	Gorleston	5	1005.5	-28	SSE	4	rs	33	85	6	8	-	-	10	10	1002.5	-2	E	4	rs	33	35	6	6	-	-	10	10	1500	6	2	36	31	30	0.1	2	0.0
	Mildenhall	19	1002.6	-42	ESE	3	rofo	33	97	6	-	2	-	10	10	1001.3	+0	E	2	rofo	33	37	5	-	2	-	10	10	450	6	*	33	31	31	Tr	9	0.0
	Cranwell	240	1002.4	-2	NS	3	rofo	32	97	4	-	2	-	10	10	1002.6	+4	-	0	rf	32	37	3	-	2	-	10	10	800	8	*	32	31	31	1	4	0.1
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1002.8	+16	NNE	2	rf	33	37	2	6	-	-	-	-	10	10	450	6	*	33	32	32	1	12	0.0
	Upper Heyford	408	1001.4	-10	ESE	2	rf	35	97	1	-	-	-	10	10	1000.3	+12	NE	2	rf	34	37	3	-	2	-	10	10	450	6	*	33	37	31	1	11	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1001.2	+6	N	2	do	43	37	6	5	-	-	-	-	10	10	800	4	*	34	34	32	2	6	0.0
5	Hartland Point	299	1001.2	+8	W	6	df	48	97	2	-	-	-	10	10	1003.9	+28	WNW	5	C	48	37	6	5	-	-	9+	9+	1500	1	4	49	47	47	9	9	0.0
	Bristol	209	1000.8	-22	SSW	4	rr	45	97	8	-	2	-	10	10	1001.3	+6	W	6	do	49	32	6	6	2	-	10	10	800	1	*	37	37	34	3	6	0.0
	Portland Bill	32	1002.6	-10	W	5	o	42	97	6	5	-	-	10	10	1003.5	+8	W	4	C	46	32	7	5	-	-	10	10	2500	1	4	44	40	*	3	5	*
	Plymouth	82	1005.0	+6	W	5	o	51	97	6	6	-	-	10	10	1007.2	+16	W	4	Zo	52	35	6	5	-	-	10	10	800	1	3	45	45	48	15	5	0.0
	The Lizard	240	1005.8	+4	WSW	5	m	49	97	4	8	-	-	10	10	1008.7	+20	W	4	df	45	37	5	5	-	-	10	10	800	1	3	50	47	*	15	1	0.0
	Scilly (St. Mary's)	163	1005.3	+8	WSW	6	m	52	97	6	8	7	-	4-6	9+	1007.8	+16	WN	5	df	51	37	6	5	-	-	10	10	1500	1	4	51	51	*	9	1	0.0
	Guernsey	175	1006.6	0	W	7	rofo	51	97	6	5	-	-	10	10	1006.9	+6	WN	6	rofo	50	37	5	5	-	-	10	10	800	2	4	51	45	48	16	3	0.0
6	Pembroke	142	999.2	-4	W	7	C	49	97	7	5	2	-	7-8	10	1004.2	+40	NW	4	C	46	37	7	8	-	-	9+	9+	1500	1	3	42	40	*	6	12	0.0
7	Holyhead	26	997.9	-10	NNE	4	rofo	39	97	5	5	2	-	4-6	10	1002.0	+36	ENE	3	rofo	37	37	5	-	2	-	10	10	450	1	2	36	36	36	3	7	0.0
	Chester (Sealand)	16	999.3	-20	ESE	1	rr	39	97	4	-	2	-	10	10	1002.6	+30	-	0	rf	34	37	2	-	2	-	10	10	450	4	*	33	34	32	1	8	0.0
8	Manchester	70	1001.4	-22	NEN	2	rf	34	97	3	-	2	-	10	10	1002.4	+22	NE	3	df	34	32	4	-	2	-	10	10	1500	6	*	33	33	31	1	4	0.0
10	Spurn Head	29	1003.6	-20	SE	1	so	32	97	5	5	-	-	10	10	1003.3	+4	ESE	5	so	32	37	5	5	-	-	10	10	800	7	4	35	31	*	1	3	0.0
	Catterick	175	1003.4	-14	NE	4	so	30	92	4	5	-	-	10	10	1004.4	+8	NNE	1	rofo	31	32	3	5	-	-	10	10	1500	8	*	33	29	29	0.1	2	0.0
	Tynemouth	108	1005.8	-12	SSE	3	o/s	32	85	6	5	-	-	10	10	1005.9	+14	SSE	3	o/s	36	32	6	6	-	-	10	10	1500	6	2	35	32	29	-	1	0.0
11	St. Abbs Head	280	1004.4	+0	ESE	3	C	34	85	6	8	6	-	7-8	9+	1004.8	+0	ESE	3	id	36	32	6	8	2	-	7-8	10	1500	4	2	38	32	*	-	Tr	*
	Leuchars	36	1004.7	-10	E	3	zo	35	85	6	8	3	-	4-6	4-6	1005.6	+12	ENE	2	zo	36	35	6	5	-	-	10	10	4000	3	*	36	30	24	-	-	0.0
12	Bentley (Abbots)	19	1004.4	-8	EN	3	m	34	85	4	5	3	-	4-6	7-8	1005.6	+10	EN	3	zo	35	35	6	5	-	-	10	10	4000	1	*	37	30	25	-	-	0.0
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.1	+8	NE	3	0	30	37	5	5	-	-	10	10	800	8	*	32	28	27	Tr	Tr	0.0
	Point of Ayre	36	1000.8	-4	ES	4	o	36	32	6	-	2	-	10	10	1002.9	+18	EN	4	o	35	32	6	-	2	-	10	10	1500	4	3	36	33	*	0.1	0.3	0.0
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1003.9	+8	EN	2	bc	33	35	8	5	5	-	-	2-3	4-6	4000	3	2	40	32	29	-	-	0.0	
13B	Stornoway	80	1007.1	-2	ENE	3	b	35	85	8	1	-	-	Tr	Tr	1006.9	0	E	4	b	35	35	8	1	4	6	Tr	*	2	41	34	*	*	-	1.8		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	+2	-	0	C	16	97	7	4	6	-	4-6	7-8	2500	8	*	35	11	9	-	-	1.2
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1007.2	+12	NW	2	C	27	37	5	3															

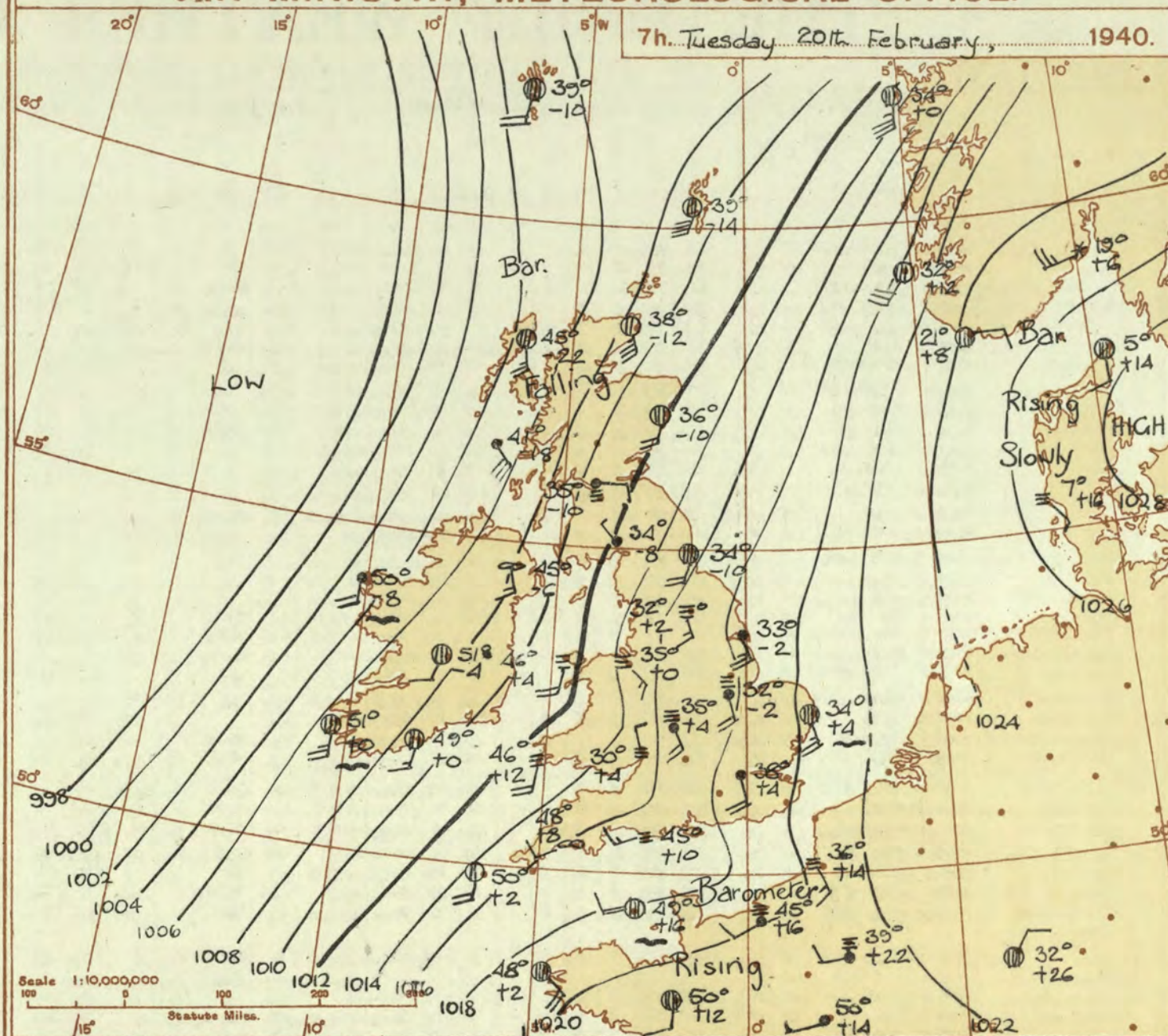
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 20th February 1940.
No. 28,579.

OBSERVATIONS at 13h. G.M.T. 19th February														OBSERVATIONS at 18h. G.M.T. 19th February														PAST 24 HOURS.									
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Temp. °F.	Humid. %	Visibility. 0-9	WEATHER.				
				Direc.	Force.				Form.	Amount.	Height of Base. (feet)	Direc.	Force.			Form.	Amount.				Height of Base. (feet)	Direc.	Force.	Form.	Amount.			Height of Base. (feet)	State of Ground.				Sea.	7h.-13h. 19th	13h.-18h. 19th	18h.-to 20th	1h.-7h. 20th
1	London (Kew)...	1008.0	+46	NW	2	35	85	4	5	-	-	10	10	1500	1012.7	+24	E	3	37	92	1	2	-	10	10	1500	1	1	1012.7	+24	E	3	37	92	1	2	Red m, c, f, d, o, f,

7h. Tuesday 20th February, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th February, 1940.
1 S.E. England	Wind southeast to south, veering southwest, light or moderate; dull and misty with slight continuous rain or drizzle and local fog; cold at first, but milder conditions spreading slowly from southwest.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind south to southwest, moderate; cloudy, occasional rain or drizzle, coast and hill fog; rather mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1 - 4.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W.Scot- land.	Wind south, moderate or fresh; cloudy, occasional rain or drizzle; average temperature or rather mild.
14 Mid Scotland	
15 N. E. Scotland	Wind south, strong or gale at first, moderating; cloudy, rain at times; average temperature, becoming rather mild.
16 Orkneys and Shetlands	
17 N. W. Ireland	As 5 - 7.
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 low over the North Atlantic and an anticyclone over the Baltic and southern Sweden is moving southeast. A trough of low pressure from the Hebrides to Wales and Northeast France is moving northeast in the North and is almost stationary in the South, but is likely to move slowly northeast in this area later. Weather will be cold and dull with rain or drizzle and fog or mist in eastern and central districts and in the West it will be cloudy and mild with occasional rain or drizzle and coast and hill fog.

FURTHER OUTLOOK.

Mild and unsettled in most districts.

GALE WARNING.

Warning of southerly gale issued at 0600 G.M.T. on 20/2/40 for districts 13, 15 & 16.

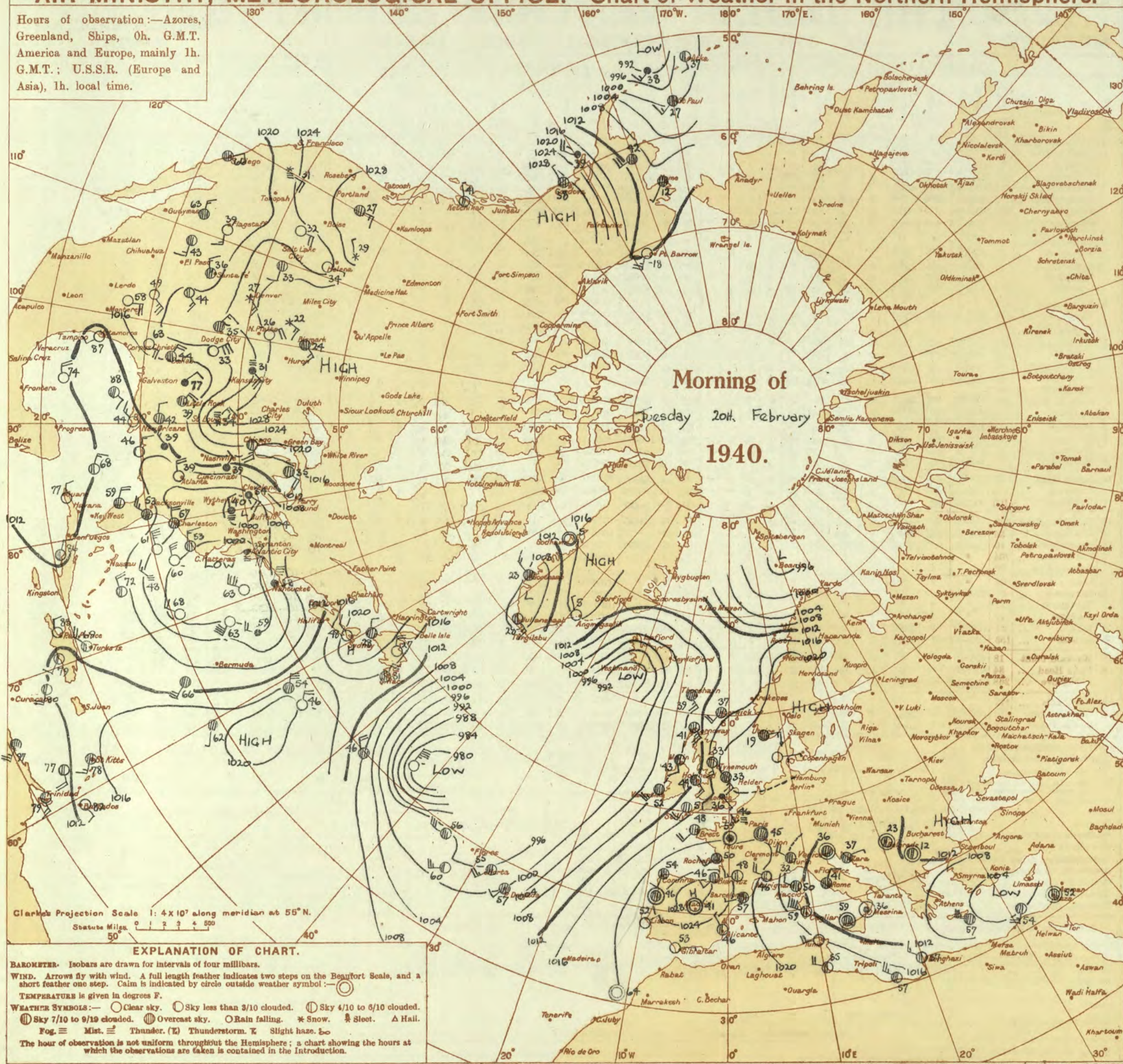
Forecasts issued at 1030 G.M.T.

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

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 20th February...														OBSERVATIONS at 7 hr. G.M.T. 20th February...														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					Barom. 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.							
																																Low.	Med.	High	Low 0-10		Total 0-10	Low 0-10
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1018.6	+8	E	2	ra.	36	92	3	-	2	-	10	10	1500	1	*	45	35	34	5	3	0.1			
	Croydon ...	217	1017.0	+12	SE	1	d.c.	36	97	4	-	-	-	1018.4	+4	SSE	4	ra.	38	97	5	5	2	-	7-8	10	1500	1	*	48	34	34	5	4	0.0			
	S. Farnborough ...	226	1016.7	+10	NE	2	F	37	97	1	-	-	-	1018.2	+6	SEE	4	id.	37	97	4	5	-	-	10	10	1500	1	*	47	36	36	0.3	2	0.0			
	Boscombe Down ...	417	1015.8	+10	ESE	2	F	42	97	1	-	-	-	1017.6	+10	SE	3	df	39	97	1	-	-	-	10	10	1500	1	*	51	39	38	0.3	3	0.3			
	Calshot (Stmntn.) ...	8	1016.1	+4	SEE	3	df	39	97	1	-	-	-	1017.5	+4	ESE	4	df	39	97	2	-	-	-	10	10	1500	1	2	55	38	38	1	2	1.8			
	Lymington ...	346	1018.4	+14	ES	2	m	34	92	4	-	-	-	1019.5	+10	SEE	3	rf	38	97	2	5	-	-	10	10	1500	4	2	43	33	30	4	1	0.0			
	Manston ...	154	1018.7	+18	SEE	2	df	34	92	3	-	-	-	1020.0	+8	SE	3	rf	35	92	3	5	-	-	10	10	1500	6	*	39	33	32	4	0.2	0.0			
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1019.3	0	ESE	2	ir.	53	92	4	-	2	-	10	10	1500	1	*	37	33	32	2	0.4	0.0			
	Felixstowe ...	15	1018.5	+18	SEE	2	z.	34	85	5	-	-	-	1019.7	+8	ESE	3	ga	34	97	4	5	-	-	10	10	1500	1	2	35	33	31	1	0.2	0.0			
	Gorleston ...	5	1018.1	+14	SES	4	c	33	85	6	-	-	-	1020.3	+4	SE	5	c	34	85	6	5	-	-	10	10	1500	6	4	35	33	31	1	-	*			
	Mildenhall ...	19	1017.9	+12	SE	3	z.	33	85	5	-	-	-	1018.6	-4	SE	4	m	34	97	4	6	2	-	9	10	1500	6	*	35	33	32	1	1	0.0			
	Cranwell ...	240	1016.5	+6	ESE	3	df	32	97	3	-	-	-	1017.5	-2	SSE	4	rf	32	97	2	-	-	-	10	10	1500	8	*	33	32	31	0.6	0.5	0.0			
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1016.5	+4	SSE	3	dm	35	97	4	-	-	-	10	10	1500	6	*	34	33	32	2	3	0.0			
	Upper Heyford ...	408	1016.4	+18	ENE	1	F	34	97	1	-	-	-	1017.7	+6	SSE	1	of	36	97	2	-	-	-	10	10	1500	1	*	35	33	32	3	4	*			
4	Ross-on-Wye ...	223	1016.4	*	*	*	*	*	*	*	*	*	*	1016.0	+4	NNW	1	of	30	97	2	5	-	-	10	10	1500	1	*	43	34	34	0.4	3	0.7			
5	Hartland Point ...	299	1013.0	+2	SW	4	df	49	97	2	-	-	-	1014.1	+8	SW	4	c	50	97	7	5	2	-	7-8	10	800	1	3	49	48	47	0.1	5	0.1			
	Bristol ...	209	1014.8	+2	-	0	ir.	47	97	5	-	-	-	1016.3	+12	SSE	2	z.	49	97	5	5	-	-	10	10	1500	1	*	52	45	44	Tr	2	2.5			
	Portland Bill ...	32	1015.2	+6	WSW	3	cf.	44	92	3	-	-	-	1016.6	+10	WSW	3	of	45	92	2	5	-	-	10	10	1500	1	3	47	42	*	-	-	*			
	Plymouth ...	82	1015.4	+6	SW	1	id.	48	97	4	-	-	-	1016.7	+8	SWW	2	z.	48	97	5	5	-	-	10	10	800	1	2	54	47	46	-	2	0.1			
	The Lizard ...	240	1014.4	+4	SW	4	c	51	97	6	-	-	-	1014.1	+2	SSW	4	bc	50	92	7	5	-	-	2-3	4-6	1500	1	3	52	49	*	1	1	0.0			
	Scilly (St. Mary's) ...	163	1016.2	+8	WNW	4	or	50	97	5	-	-	-	1018.2	+6	WSW	2	c	49	97	6	5	1	-	9	10	1500	1	4	51	49	47	0.2	2	0.0			
	Guernsey ...	175	1016.2	+8	WNW	4	or	50	97	5	-	-	-	1018.2	+6	WSW	2	c	49	97	6	5	1	-	9	10	1500	1	4	51	49	47	0.2	2	0.0			
6	Pembroke ...	142	1012.5	0	SW	4	df	46	97	1	-	-	-	1013.0	+12	SW	4	F	46	97	2	-	-	-	10	10	1500	1	2	48	44	*	-	2	0.4			
7	Holyhead ...	26	1011.3	+8	SE'S	3	c	44	97	7	5	2	-	7-8	10	1500	1011.1	+4	SW	4	of	46	97	2	5	-	10	10	800	1	3	43	41	41	3	3	0.0	
	Chester (Sealand) ...	16	1014.4	+6	SE	3	ca	33	97	4	-	-	-	1014.4	0	SE	3	of	28	97	3	-	2	-	10	10	450	1	*	35	(34)	33	4	3	0.0			
8	Manchester ...	70	1015.2	+6	ES	2	1	35	97	3	-	-	-	1015.7	+2	E	1	rf	36	97	3	-	2	-	10	10	800	6	*	36	34	33	2	3	0.0			
10	Spurn Head ...	29	1017.8	+6	SE'S	5	o	33	92	6	-	-	-	1018.1	-2	SSE	5	dd	33	97	5	5	-	-	10	10	800	6	3	33	32	*	2	0.2	0.0			
	Catterick ...	175	1016.6	+10	SE	3	id.	32	97	4	-	-	-	1016.6	+2	SE	3	m	32	97	4	5	-	-	10	10	800	8	*	34	30	30	0.2	0.3	0.0			
	Tynemouth ...	108	1017.2	+8	S	3	c	33	85	6	-	-	-	1015.6	-10	SSW	4	o	34	92	6	5	-	-	10	10	1500	1	2	37	33	32	-	-	0.0			
11	St. Abbs Head ...	280	1013.0	0	SSE	4	c	32	85	6	5	2	-	9	10	2500	1012.5	-16	S	4	c	33	92	5	8	2	-	10	10	2500	3	2	37	31	*	Tr	-	*
	Leuchars ...	36	1014.2	+2	ESE	1	z.	34	85	6	-	-	-	1012.6	-10	ESE	2	z.	35	92	6	5	7	-	1	10	7200	3	*	38	33	30	Tr	-	0.0			
12	Rentfrew (Abbots L.) ...	19	1014.2	+12	ENE	2	of	35	92	3	-	-	-	1011.8	-10	E	2	rf	35	92	3	5	-	-	10	10	1500	1	*	40	34	33	-	7	0.0			
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	1012.5	-8	NW	1	ir	34	97	5	-	2	-	10	10	450	8	*	34	31	31	-	0.1	0.0			
	Point of Ayre ...	30	1014.2	+12	ENE	2	of	35	92	3	-	-	-	1012.5	-8	NW	1	ir	34	97	5	-	2	-	10	10	450	8	*	34	31	31	-	0.1	0.0			
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1004.5	-18	SE'S	6	pr	41	97	6	-	2	-	10	10	800	1	3	41	38	37	-	2	1.0			
13B	Stornoway ...	80	1008.6	-4	SSE	5	c	41	75	6	5	2	-	7-8	10	2500	1005.0	-22	SSE	5	c	45	85	7	5	2	-	4-6	10	2500	1	3	40	38	37	-	-	7.1
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1010.0	-14	SW	6	c	32	97	5	4	2	-	4-6	10	1500	8	*	34	30	27	-	-	2.9			
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1012.5	-10	SW	4	c	36	85	6	6	-	-	10	10	800	0	1	37	36	32	0.6	Tr	0.9			
	Wick ...	81	1010.6	-6	SSE	7	cq	37	97	7	8	1	2	4-6	7-8	1500	1008.0	-12	SSE	7	bcq	38	97	5	7	8	2-3	4-6	1500	4	3	39	36	*	-	-	*	
16	Lerwick ...	156	1013.4	-2	SSW	4	c	37	75	8	7	-	4-6	7-8	1500	1009.5	-14	SSW	8	pr	39	85	7	8	7	-	7-8	10	800	1	*	43	33	*	Tr	Tr	7.0	
17	Blacksod Point ...	18	1004.1	-12	S	4	dr	50	97	6	-	-	-	1002.7	-8	S	4	dr	50	97	6	6	-	-	10	10	1500	1	4	5								
18	Malin Head ...	84	1007.5	-4	S	2	z.	43	97	5	-	-	-	1004.4	-2	S	4	ir	46	97	6	5	-	-	9	9	1500	1	3	40	39	*	1	6	0.0			
	Aldergrove ...	268	1009.9	-2	ESE	4	f	41	92	3	-	-	-	1007.7	-6	SSE	3	z.	45	97	5	-	2	-	10	10	450	1	*	39	38	37	1	2	0.0			
19	Birr Castle ...	173	*	*	*	*	*	*	*	*	*	*	*	1007.3	-4	SSW	2	c	51	92	8	5	-	-	7-8	7-8	2500	1	*	54	49	47	0.1	2	0.0			
20	Valentia Obsy. ...	30																																				

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday 21st February 1940.
No. 28580

OBSERVATIONS at 13h. G.M.T. 20th February														OBSERVATIONS at 18h. G.M.T. 20th February														PAST 24 HOURS.						
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				Barom. at M.S.L. mb. (29)	Change in 8 hours. (30)	WEATHER.								
				Dirac. 0-12 (3)	Force. (4)				Form.	Amount. Low Total 0-10 0-10 (12) (13)	Height of Base. (feet) (14)	Dirac. 0-12 (17)			Force. (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. 20th (37)	13h.-18h. 20th (38)	18h.-20h. 21st (39)	1h.-7h. 21st (40)					
1	London (Kew)...	1020.0	+2	SW	2	44	97	4	5	-	10	1500	1020.5	+4	SSW	3	44	92	5	5	-	10	1500	0	1	cc	cc	cc	cc	cc	cc	cc	cc	
	Croydon ...	1019.8	+6	S	3	45	97	4	5	-	7-8	10	800	1020.4	+4	SW	3	47	97	6	5	-	3	3	450	1	1	cc	cc	cc	cc	cc	cc	
	S. Farnborough ...	1019.9	+2	SE	2	45	97	3	5	-	-	10	10	450	1020.6	+2	SW	3	47	92	6	5	4	-	4-6	7-8	800	1	1	cc	cc	cc	cc	
	Boscombe Down ...	1019.5	+8	SW	4	45	97	5	5	-	-	10	10	220	1019.8	+6	SE	3	46	97	5	5	7	-	7-8	7-8	800	1	1	cc	cc	cc	cc	
	Calshot (Soton.) ...	1020.4	+12	WSW	3	47	92	5	5	-	-	10	10	450	1020.3	+4	SW	1	44	97	6	5	7	-	2-3	4-6	4000	1	1	cc	cc	cc	cc	
	Lympne ...	1021.7	+6	SE	3	40	97	1	-	-	-	10	10	150	1022.7	+14	SSW	2	41	97	6	-	-	-	10	10	150	1	1	cc	cc	cc	cc	
	Manston ...	1021.3	-2	SSW	4	35	92	2	5	-	-	10	10	220	1022.2	+4	SE	4	40	97	6	-	-	-	10	10	150	1	1	cc	cc	cc	cc	
2	Shoeburyness ...	1020.7	+2	SSW	1	40	92	3	-	2	-	10	10	450	1020.9	0	SSW	1	41	92	3	-	2	-	10	10	4000	1	1	cc	cc	cc	cc	
	Felixstowe ...	1020.9	-6	SSW	3	37	97	3	5	-	-	10	10	450	1021.0	+2	SE	3	37	97	1	-	-	-	10	10	150	1	1	cc	cc	cc	cc	
	Gorleston ...	1021.0	-4	SE	3	35	92	4	6	-	-	10	10	800	1021.0	-2	S	3	36	92	2	-	-	-	10	10	150	1	1	cc	cc	cc	cc	
	Mildenhall ...	1019.9	0	SE	3	37	92	3	5	-	-	10	10	800	1019.6	+2	S	3	41	97	3	-	-	-	10	10	150	2	2	cc	cc	cc	cc	
	Cranwell ...	1018.0	+2	SE	4	34	97	1	-	-	-	10	10	150	1017.4	-2	SW	3	36	97	1	-	-	-	10	10	150	6	6	cc	cc	cc	cc	
3	Birmingham ...	1017.0	+6	S	2	44	97	3	5	-	-	10	10	220	1017.1	+4	SSW	3	47	92	6	-	7	-	0	3	-	6	1	1	cc	cc	cc	cc
	Upper Heyford ...	1019.2	+6	SSW	2	43	97	2	-	-	-	10	10	150	1019.0	+4	SSW	3	45	92	6	-	7	7	0	10	-	1	1	cc	cc	cc	cc	
4	Ross-on-Wye ...	1016.6	0	SSW	3	55	7	1	-	2	-	7-8	1500	1017.1	+4	SSW	3	50	85	7	-	1	7	0	3	-	1	1	cc	cc	cc	cc	cc	
5	Hartland Point ...	1015.3	+4	SW	4	55	7	3	-	3	-	4-6	7-8	1500	1015.6	+4	SW	4	52	85	8	5	6	4	4-6	7-8	2500	1	3	cc	cc	cc	cc	
	Bristol ...	1017.8	+2	S	3	55	7	3	7	8	1	7-8	1500	1018.6	+6	SW	3	49	85	7	5	4	8	2-3	7-8	5700	1	1	cc	cc	cc	cc		
	Portland Bill ...	1020.2	+20	SW	2	45	92	2	3	-	-	10	10	150	1019.8	-10	SW	3	45	92	7	5	4	-	4-6	7-8	4000	1	3	cc	cc	cc	cc	
	Plymouth ...	1018.9	+6	SW	3	52	85	6	7	-	-	2-3	7-8	800	1018.8	-2	-	48	97	6	5	7	-	4-6	7-8	800	1	2	cc	cc	cc	cc		
	The Lizard ...	1018.0	0	S	4	51	92	7	8	-	-	4-6	4-6	2500	1018.2	+4	S	5	48	97	8	4	7	-	4-6	4-6	2500	1	3	cc	cc	cc	cc	
	Scilly (St. Mary's) ...	1016.1	+6	SW	5	53	85	7	5	4	-	4-6	3	2500	1015.2	0	S	5	51	85	6	5	4	3	2-3	4-6	2500	1	3	cc	cc	cc	cc	
	Guernsey ...	1020.1	+6	SW	2	54	75	7	-	7	1	0	2-3	-	1020.2	0	SSW	2	52	85	7	-	7	8	0	4-6	-	1	3	cc	cc	cc	cc	
6	Pembroke ...	1015.0	+2	SSW	5	48	92	6	5	1	-	4-6	7-8	1500	1015.7	-2	SSW	6	47	85	7	5	7	-	2-3	7-8	1500	1	3	cc	cc	cc	cc	
7	Holyhead ...	1012.3	+8	SSW	5	48	85	6	5	1	-	4-6	10	800	1012.0	-2	SSW	5	47	85	7	5	-	3	9	4000	1	3	cc	cc	cc	cc		
	Chester (Sealand) ...	1014.0	0	SSW	4	39	92	4	5	-	-	10	1500	1014.5	-2	SE	3	45	85	4	5	1	-	7-8	10	4000	1	1	cc	cc	cc	cc		
8	Manchester ...	1015.4	+2	SE	3	45	92	4	5	1	-	7-8	10	800	1015.0	-2	SE	4	46	92	4	5	1	-	4-6	9	2500	4	1	cc	cc	cc	cc	
10	Spurn Head ...	1017.8	0	SSW	5	34	97	2	-	-	-	10	10	150	1017.7	-4	SSW	4	35	97	1	-	-	-	10	10	150	6	3	cc	cc	cc	cc	
	Catterick ...	1013.1	-4	SSW	4	33	97	2	-	-	-	10	10	150	1014.3	0	S	2	35	97	1	-	-	-	10	10	150	6	1	cc	cc	cc	cc	
	Tynemouth ...	1014.2	-6	SW	4	35	92	4	5	-	-	10	10	1500	1012.9	+4	SSW	3	38	92	3	5	-	-	10	10	1500	1	2	cc	cc	cc	cc	
11	St. Abbs Head ...	1010.3	+2	S	3	36	92	6	8	2	-	7-8	10	1500	1007.5	-4	SW	3	44	92	6	8	2	-	4-6	7-8	1500	1	3	cc	cc	cc	cc	
	Leuchars ...	1010.0	-12	-	0	37	97	3	5	-	-	10	10	1500	1007.6	-8	-	0	36	97	3	5	-	-	10	10	1500	1	1	cc	cc	cc	cc	
12	Renfrew (Abbots L.) ...	1009.8	-10	NE	1	37	97	3	5	-	-	10	10	450	1008.3	-4	SSW	2	45	97	3	6	1	-	4-3	9	450	1	1	cc	cc	cc	cc	
	Eskdalemuir ...	1011.0	-4	S	3	37	97	5	-	2	-	10	10	150	1011.1	+4	SSW	5	41	97	3	-	-	-	10	10	150	8	1	cc	cc	cc	cc	
	Point of Ayre ...	1010.3	0	SW	5	47	97	6	5	1	-	7-8	10	800	1009.6	0	SW	5	48	92	7	5	1	-	2-3	9	800	1	3	cc	cc	cc	cc	
13A	Tiree ...	1002.7	-8	SE	5	46	97	5	-	2	-	10	10	800	1002.4	+4	SE	4	48	97	5	-	2	-	10	10	800	1	4	cc	cc	cc	cc	
13B	Stornoway ...	1000.0	-28	S	7	47	97	6	5	2	-	3	10	800	999.7	+6	SSW	6	48	92	6	5	2	-	7-8	10	1500	1	3	cc	cc	cc	cc	
15	Dalwhinnie ...	1007.0	-8	S	6	36	92	6	4	2	-	4-6	10	1500	1006.1	0	S	6	39	92	5	6	2	-	7-8	10	1500	6	1	cc	cc	cc	cc	
	Aberdeen ...	1008.8	-28	S	5	38	92	4	6	-	-	10	10	800	1006.3	-14	SW	3	40	97	5	6	-	-	10	10	800	1	1	cc	cc	cc	cc	
	Wick ...	1004.2	-30	SSW	7	40	97	7	5	7	-	4-6	9	1500	1000.9	-20	SSW	3	43	97	7	5	7	-	7-8	9	1500	1	2	cc	cc	cc	cc	
16	Lerwick ...	1004.3	-38	S	8	40	92	6	5	2	-	7-8	10	800	1003.6	-20	S	8	42	97	6	6	2	-	4-6	10	450	1	1	cc	cc	cc	cc	
17	Blacksod Point...	1003.5	+4	S	5	52	85	7	5	-	-	10	10	220	1003.0	+2	S	7	43	97	6	6	-	-	10	10	150	1	4	cc	cc	cc	cc	
18	Malin Head ...	1003.7	0	S	5	54	85	7	8	-	+	4-6	7-8	2500	1003.0	0	S	4	53	85	6	5	-	-	9	9	2500	0	2	cc	cc	cc	cc	
	Aldergrove ...	1007.3	-6	SW	4	53	85	6	5	7	-	7-8	9	1500	1006.3	-6	S	3	53	75	7	-	1	8	0	78	-	1	1	cc	cc	cc	cc	
19	Birr Castle ...	1008.5	+4	SSW	1	57	75	7	5	-	-	10	10	4000	1007.7	+4	S	2	52	85	8	5	-	-	9	9	4000	1	1	cc	cc	cc	cc	
20	Valentia Obay. † ...	1007.1	0	S	6	54	85	6	1	-	4	2-3	4-6	1500	1006.6	-4	SW	6	52	85	6	5	-	-	10	10	800	1	4	cc	cc	cc	cc	
	Roches Point ...	1011.5																																

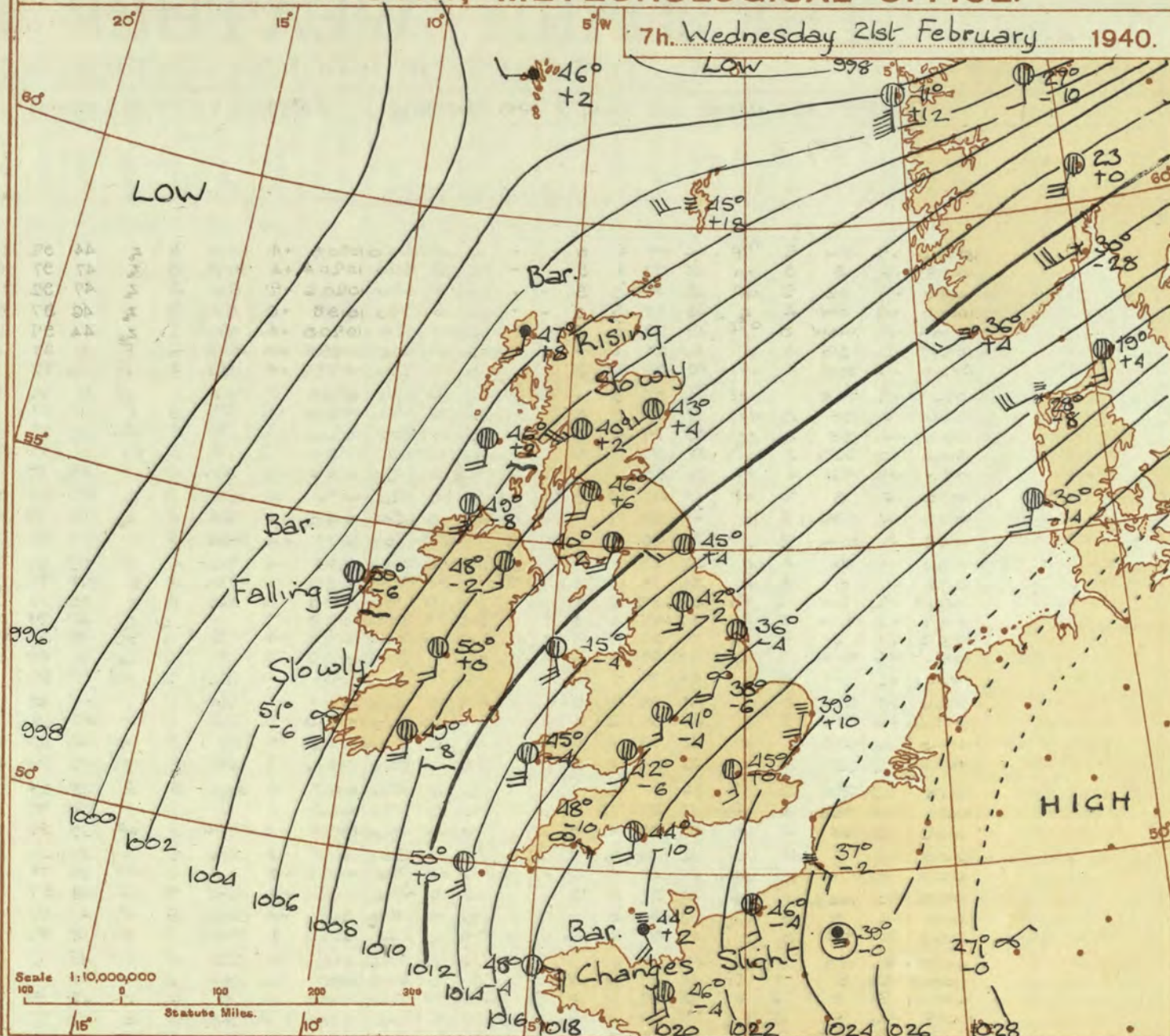
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Wednesday 21st February 1940.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st February, 1940.

1 S.E. England	Wind south to southeast, moderate, fresh on coast; mainly cloudy with slight local rain or drizzle, but also bright intervals; local hill fog; rather mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind south to southwest, moderate, fresh on coast; mainly cloudy with slight local rain or drizzle, but also bright intervals; local hill fog; rather mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	Wind south to southwest, fresh, strong at times on coast; cloudy, rain at times but some fair intervals; hill fog; rather mild.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind southwest, strong; cloudy, rain at times; fog in Shetland; mild.
17 N. W. Ireland	As 13 - 14.
18 N. E. Ireland	As 2 - 12.
19 S. E. Ireland	As 13 - 14.
20 S. W. Ireland	

BAROMETER. Isobars are drawn for intervals of two millibars.

WIND, WEATHER SYMBOLS. For explanation see opposite page.

SEA DISTURBANCE. Rough. High.

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

GENERAL INFERENCE.

Pressure is low over the North Atlantic and the Continental anticyclone now extends from West Russia to North Italy. A mild southwesterly current is now established over the British Isles and small secondary disturbances are likely to travel northeastwards over Western districts. Weather will be mainly cloudy and mild with occasional local rain or drizzle but there will also be bright intervals.

FURTHER OUTLOOK.

Similar.

Forecasts issued at 1030 G.M.T.

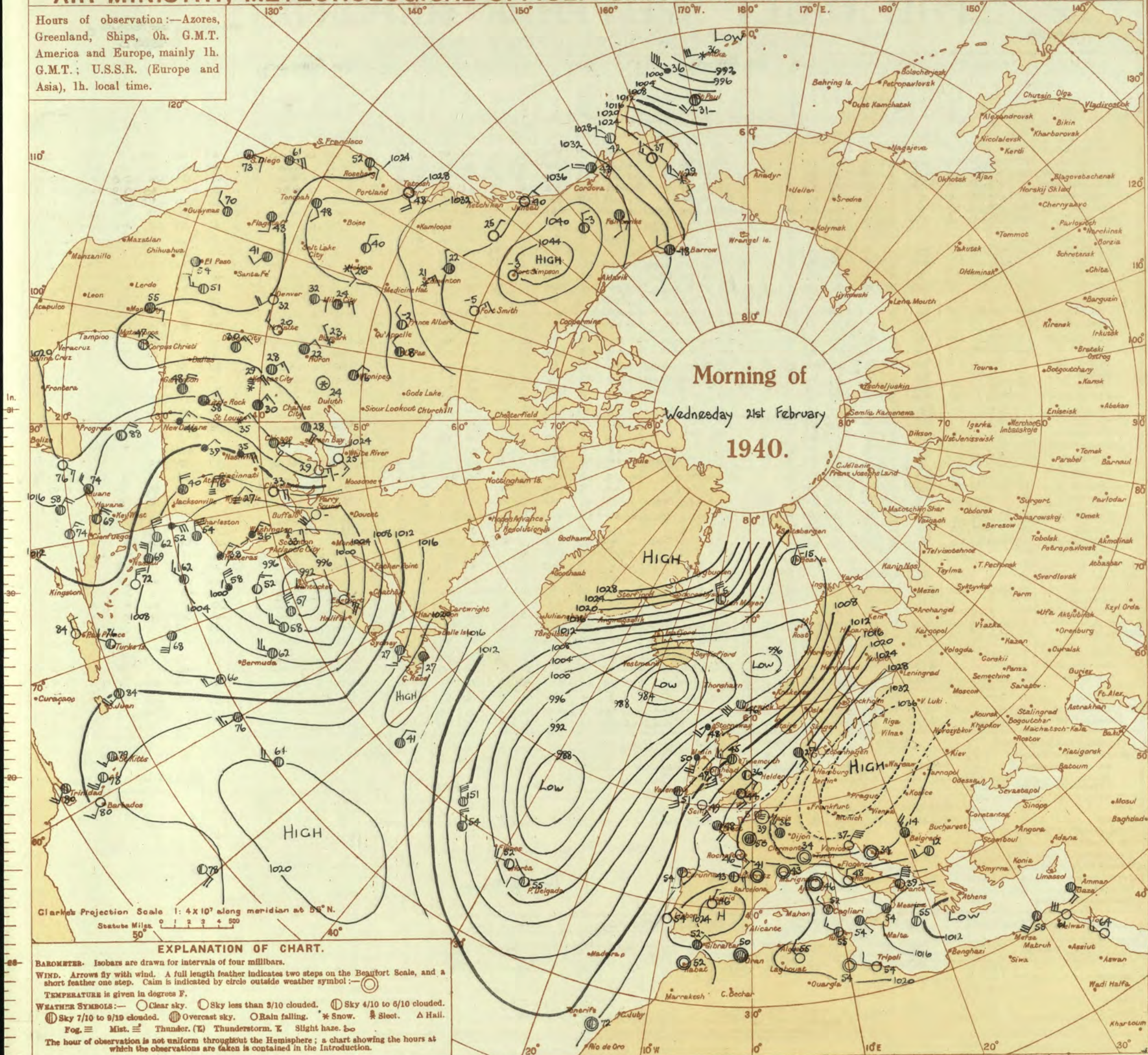
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

© 425/1927 No. 8109. O. 4460. Q. 049/23430. 2/40

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

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



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday 21st February 1940
No 2858.D

[illegible]

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

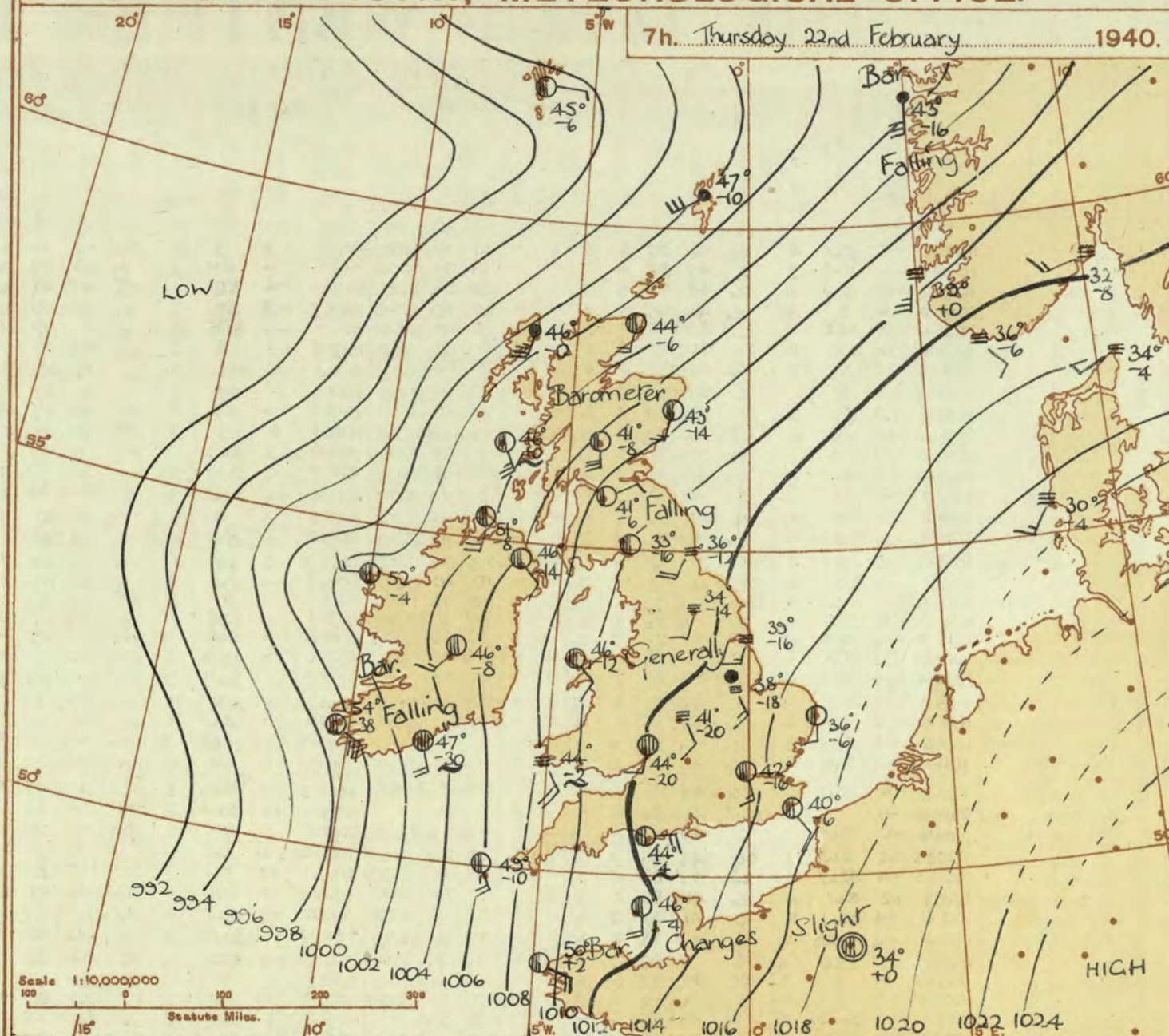
Thursday 22nd February 1940.

No. 28581

OBSERVATIONS at 13h. G.M.T. 21st February														OBSERVATIONS at 18h. G.M.T. 21st February														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	0-9 Visibility.	Cloud.						Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	0-9 Visibility.	Cloud.						State of Ground. 0-9	Sea. 0-9	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				Direc.	Force.					Form.	Amount.	Height of Base. (feet)	Form.	Amount.	Height of Base. (feet)			Form.	Amount.					Height of Base. (feet)	7h.—13h. 21st...	13h.—18h. 21st...	18h.—21st 22nd	21st to 22nd																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1	London (Kew)...	1013.8	-10	SW	4	z	46	92	6	5	-	-	10	10	1500	1017.9	-8	S	3	z	48	92	6	5	-	10	10	1500	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	1500	1017.9	-4	SE	2	z	47	92	6	5	-	10	10	1500	1017.7	-6	SEE	3	z	41	97	5	5	4	1	2	2	2	cm.	cm.	cm.	cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Croydon ...	1020.1	-6	SW	3	c	47	92	6	5	-	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW	3	z	50	92	6	5	-	10	10	800	1018.1	-6	SW

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 22nd February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd February, 1940.
1 S.E. England	Wind south to southeast light or moderate; bright and cloudy periods; local mist or fog night and morning; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind south to southeast moderate or fresh; mainly cloudy, occasional drizzle or rain later; mist or fog night and morning, persisting on high ground and locally on coast; mild.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind south to southwest moderate; mainly cloudy but some bright periods; occasional local drizzle; local mist or fog night and morning persisting on high ground; mild.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind south to southwest, moderate or fresh; mainly cloudy, but bright periods in east; occasional local drizzle; local mist or fog night and morning persisting on high ground; mild.
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 4 - 8.
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

An anticyclone covering east and southeast Europe is moving slowly southeast and a complex and deep low pressure system covers the North Atlantic. A trough of low pressure is approaching Ireland from southwest. There will be considerable bright periods in the southeast and east, but in the west it will be mainly cloudy with occasional rain, and coast and hill fog. It will continue mild generally.

FURTHER OUTLOOK.

Occasional rain in the west; bright periods in the east; mild.

Forecasts issued at 1100 G.M.T.

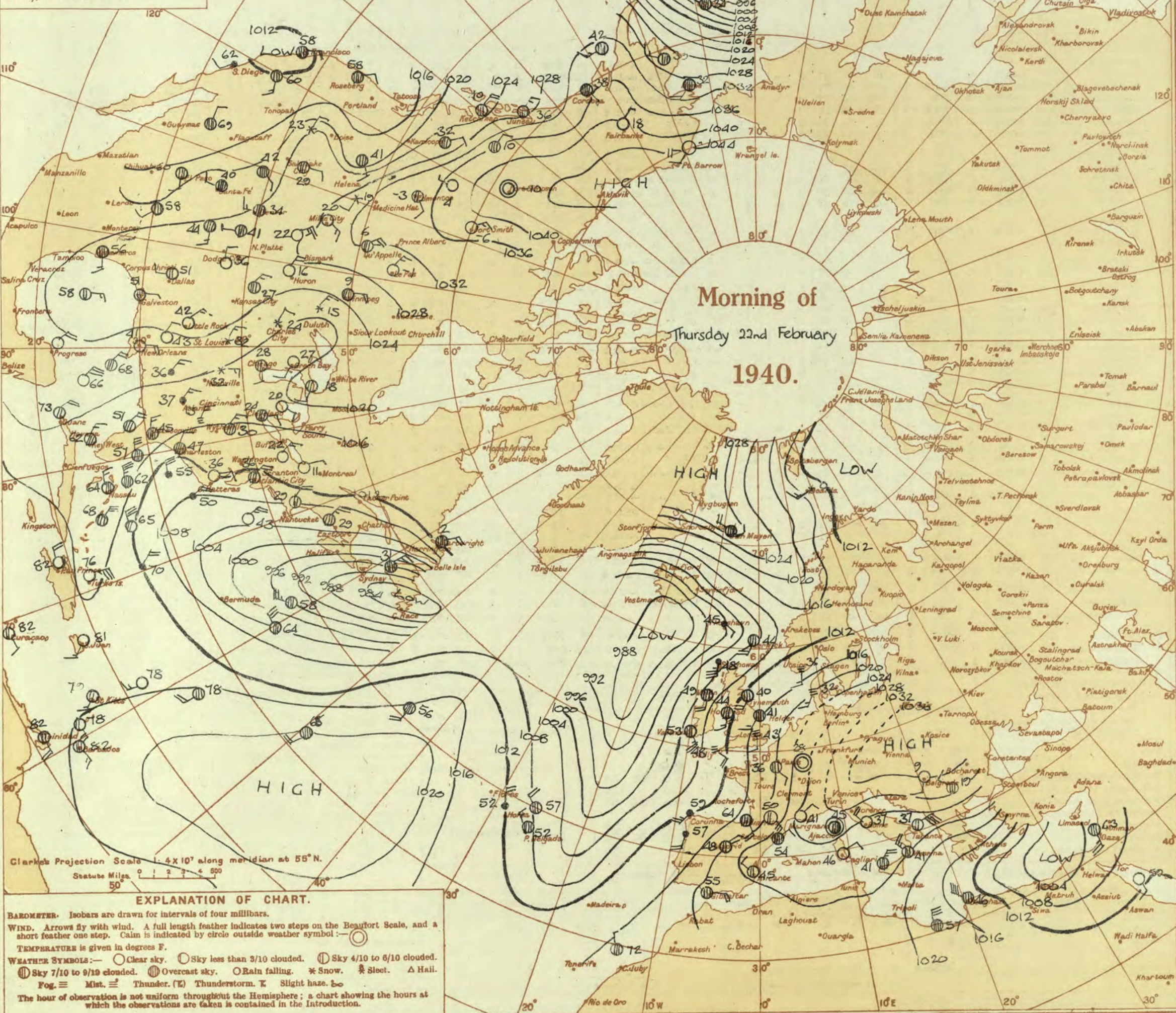
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

N.W.S.O. Press, Cornwall House, S.E.1.

2 475/9827. 111. 0109. D. 4426. 2. 949/23450. 2/40

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 February														OBSERVATIONS at 7 hr. G.M.T. 22nd February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.			
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																Low.	Med.		High.	Low.	Med.
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Stmntn.) ... Lympe ... Manston ...	18 217 226 417 8 346 154	1012.7 1015.3 1015.2 1015.4 1018.2	-.2 -.14 -.18 -.14 -.4 -.6	S SE SE SE SE SE	2 2 3 3 3 3	43 44 44 39 40 41	37 37 37 37 85 5	3 1 1 1 6 5	...	10 10 10 10 0 0	10 10 10 10 7.8 -	1013.3 1013.6 1012.8 1012.3 1012.8 1013.9 1013.0	-14 -16 -12 -12 -8 -6 -10	ESE ESE ESE ESE ESE ESE ESE	2 3 3 3 2 2 2	41 42 42 43 40 40 39	32 32 37 37 37 39 32	5 5 5 2 4 6 6	5 5 5 2 7 6 3	7 - - - 0 - - 0	4 - - 10 0 - - 4	0 7.8 10 10 9 7.8 -	2500 5700 450 4150 -	1 1 1 1 1 2 1	45 51 51 45 49 49 52	41 35 42 41 38 33 38	33 36 40 41 36 33 34	- - Tr 0.2 - 0.5 -	- - 0.1 0.2 - Tr -	2.0 0.0 0.4 0.0 2.6 2.3 2.5						
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	11 15 5 19 240	1017.3 1017.5 1016.3 1013.5	-.8 -.12 -.14 -.8	S SW SW SW	2 3 4 2	37 41 43 39	37 85 37 37	4 5 3 5	...	2.3 0 10 10 10	2.3 9 450 10 10	1015.3 1014.7 1013.1 1013.5 1012.4	-12 -14 -6 -12 -18	S SE SE SE SE	1 2 2 2 3	36 33 36 39 38	37 37 32 37 37	6 5 5 1 1	- 4 4 - -	0 7.8 4.6 10 10	7.8 2300 2500 4150 4150	1 1 1 1 2	47 40 45 46 44	32 33 35 37 35	23 31 32 34 35	- - 0.2 0.3 0.2	- - 0.3 0.3 0.2	0.0 0.0 0.0 0.0 0.2								
3	Birmingham ... Upper Heyford ... Ross-on-Wye ...	535 408 223	1016.0	-.14	SSE	2	44	37	1	...	10	10	1011.2 1012.8 1011.5	-16 -20 -20	SSE ESE SW	2 2 2	41 42 44	37 37 37	1 2 5	- - -	- 10 10	10 10 450	1 1 1	47 47 49	40 41 43	39 40 42	0.1 0.2 -	0.0 0.3 0.0									
5	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	299 209 32 82 240 163 175	1012.0 1014.5 1013.5 1012.5 1011.5 1009.5 1013.5	-10 -.18 -.20 -.14 -.16 -.22 -.24	E E E E E E SSE	3 3 3 2 3 3 3	44 45 43 46 47 48 47	37 37 32 37 37 37 32	8 5 7 5 4 3 7	...	4.6 10 7.8 2.3 7.8 10 2.3	4.6 10 7.8 3 8 10 7.8	1009.1 1011.6 1012.4 1012.5 1012.5 1006.5 1011.2	0 -10 -4 3 10 0 -4	S SE E SE SE SE S	2 1 3 4 3 4 4	45 43 44 44 47 49 46	37 37 32 32 37 37 32	7 5 7 6 8 7 8	5 5 7 5 4 5 8	- - - - - 4 -	4.6 10 7.8 10 10 2.3 7.8	2500 450 4000 2500 1500 1500 -	0 1 4 1 1 3 1	52 48 47 49 48 50 54	43 43 42 42 46 45 46	39 42 *	- Tr Tr -	- Tr Tr -	4.8 0.0 *							
6	Pembroke ... Holyhead ... Chester (Sealand) ... Manchester ...	142 26 16 70	1012.2 1010.8 1012.9 1014.2	-10 -10 -8 -10	SE S SSE SSE	5 3 2 2	42 44 40 40	37 85 32 37	1 7 5 4	...	10 7.8 9 2.3	10 9 9 10	1008.0 1008.1 1003.6 1010.5	-2 -12 -18 -22	SE SE SE E	2 2 3 2	44 46 41 41	37 85 37 37	1 3 2 3	- 3 5 5	- - - -	10 4.6 10 10	4150 5700 920 2500	3 1 1 4	46 48 48 47	41 42 39 39	39 34 34 35	- Tr Tr -	- Tr Tr -	0.0 0.0 0.1 0.7							
10	Spurn Head ... Catterick ... Tynemouth ...	29 175 108	1013.3 1013.4 1013.0	-.4 -.6 -.6	SW S SW	3 2 3	41 34 40	32 37 32	5 5 4	...	10 10 7.8	2500 4150 2500	1012.0 1010.8 1011.1	-16 -14 -12	SW SSW SW	3 2 4	39 34 36	37 37 32	1 0 4	- - -	10 10 4.6	920 4150 2500	1 6 1	45 43 52	38 32 33	31 31 33	- Tr -	1.1 1.3 *									
11	St. Abbs Head ... Leuchars ... Renfrew (Abbots I.) ... Eskdalemuir ... Point of Ayre ...	280 36 19 794 30	1011.2 1009.6 1010.3 1010.3 1010.9	-16 -.6 -.2 *	ENE NW WNW S SE	2 1 2 5 5	43 42 45 45 42	35 85 85 *	6 6 5 *	...	4.6 0 9 *	10 7.8 1500 *	1008.9 1008.0 1008.9 1010.0 1008.8	-4 -10 -10 -16 -10	SE NE ENE S S	2 1 1 5 5	42 36 41 33 40	32 37 32 37 37	6 5 5 4 6	4 1 4 5 6	- - - - -	4.6 10 4.6 7.8 7.8	1500 5700 4000 1500 800	0 3 *	47 47 49 42 53	38 34 40 32 40	31 26 35 31 *	- -	- -	0.0 0.0 0.1 0.0 0.1							
13A	Tiree ...	22	1001.7	-2	S	7	48	32	6	...	9	10	1001.4	0	SSE	5	46	37	7	5	...	7.8	7.8	2500	0	4	49	44	43	1	-	0.0					
13B	Stornoway ...	80	1001.7	-2	S	7	48	32	6	...	9	10	1001.4	0	SSW	7	46	37	6	5	...	7.8	7.8	1500	1	4	49	44	43	1	-	0.0					
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	1176 79 81 156	1003.8 1003.8 1003.8 1003.0	-.4 -.4 -.4 -.8	SW SW SW SW	5 5 5 4	46 46 46 44	37 37 37 32	7 5 7 7	...	7.8 10 7.8 7.8	1500 1500 800 800	1002.7 1002.7 1000.4 1000.4	-6 -6 -10 -10	SSW SSW SW SW	3 3 3 3	44 44 47 47	37 37 37 37	7 7 6 6	5 7 8 2	- - - -	4.6 0 4.6 10	1500 1500 800 800	1 0 2 1	47 47 47 47	43 43 43 43	3 3 3 1	Tr Tr Tr 3	0.0 0.0 0.0 0.0								
17	Blackod Point ... Malin Head ... Aldergrove ...	18 84 268	1003.3 1005.7 1008.6	+4 +4 -.2	S S S	6 4 2	51 49 45	32 35 32	7 4 7	...	10 4.6 0	220 5700 10	1002.5 1003.6 1006.7	-4 -8 -14	W SW SE	3 4 2	52 51 46	32 32 32	7 7 7	3 2 5	- 2 2	10 2.3 9	800 4000 1500	1 0 1	53 53 54	47 46 43	34 34 34	2 -	3 -	0.0 0.1 0.3							
19	Birr Castle ... Valentia Obay. ... Roches Point ...	173 30 22	1007.7 1005.7 1008.8	0 +2 0	SSW SSE S	2 5 3	49 53 49	32 32 37	7 5 6	...	7.8 10 7.8	1500 800 1500	1005.6 999.9 1003.5	-8 -38 -30	SSW ESE SSE	3 6 4	46 54 47	32 35 37	8 5 7	5 5 5	- - -	9 7.8 10	2500 2500 800	1 0 1	56 53 52	45 52 46	44 48 *	- -	Tr	4.3 0.0 *							
LONDON OBSERVATIONS			Height above M.S.L. in feet.	Weather			Temperature.			Rainfall.		Sunshine to Sunset hrs.	Humidity.		Visibility 9h.	Atmospheric Pollution.				EXPLANATION OF FIGURES, LETTERS, etc.																	
Day 7h-18h, Kew & Croydon.				Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.		Yesterday.	To-day.		Milligrams of Solid Impurity per cubic metre.				COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar. COLUMNS 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground. COLUMNS 8, 22—Code for surface visibility. Objects not visible at 0 Dense fog 55 yards. 1 Thick fog 220 " 2 Fog 550 " 3 Moderate fog 1,100 " 4 Mist or haze 1 1/2 miles. 5 Poor visibility 2 1/2 " 6 Moderate " 6 1/2 " 7 Good " 12 1/2 " 8 Very good " 31 " 9 Excellent " beyond 31m. COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																	
9h-18h, Kensington.																																					
9h-21h, other stations except for rainfall which is 9h-18h.																																					
24 hrs. ended 9h.																																					
Kew...	18	ESE	ESE	ESE	49	41	33	-	-	2.0	24 hrs. ended 7h. G.M.T. 22nd				COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																		
CROYDON	217	ESE	ESE	ESE	51	37	36	-	-	0.0	83	55	4	SOUTH KENSINGTON.																							
GREENWICH (Royal Observatory)...	149	ESE	ESE	ESE	50	37	29	-	Tr	0.0	83	55	4	MAX. TIME. MIN. TIME.																							
CITY (Bunhill Row) ...	-	ESE	ESE	ESE	50	40	36	-	0.1	0.0	84	87	...	Kew OBSERVATORY.																							
WESTMINSTER (St. James' Park) ...	27	ESE	ESE	ESE	48	40	36	-	-	0.0	86	96	...	MAX. TIME. MIN. TIME.																							
REGENTS PK. (Botanic Gardens)...	168	ESE	ESE	ESE	50	39	31	-	Tr	0.0	86	96	...	Defective Record																							
CAMDEN SQUARE ...	110	ESE	ESE	ESE	48	39	34	-	-	0.0	86	96				COLUMNS 34, 35.																			
KENSINGTON ...	80	ESE	ESE	ESE	48	39	34	-	-	0.0	86	96				COLUMNS 34, 35.																			
HAMPSTEAD OBSERVATORY ...	450	ESE	ESE	ESE	48	39	34	-	-	0.0	86	96				COLUMNS 34, 35.																			
FOREIGN OBSERVATIONS.			Height above M.S.L. in feet.	18h. G.M.T. 21st. February			7h. G.M.T. 22nd. February			Past 24 Hours.			COLUMNS 34, 35.																								
STATIONS.				Barom. mb.	Wind.		Temp. °F.	Barom. mb.	Wind.		Temp. °F.	Max. Day °F.	Min. Night °F.	Rainfall.		COLUMNS 34, 35.																					
					Direc.	Force.			Direc.	Force.				Day mm.	Night mm.																						
PARIS	1020.3	SE	2	2	50	1019.0	-	0	2	34	59	34	-	-	COLUMNS 34, 35.																						
BRUSSELS	1020.3	SE	2	2	50	1019.0	-	0	2	34	59	34	-	-																							
BERLIN	1020.3	SE	2	2	50	1019.0	-	0	2	34	59	34	-	-																							
ZÜRICH	1020.3	SE	2	2	50	1019.0	-	0	2	34	59	34	-	-																							
ROME	1025.4	SE	5	5	41	1024.0	-	0	2	34	59	34	-	-	COLUMNS 34, 35.																						

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday 23rd February 1940.
No 28582

OBSERVATIONS at 13h. G.M.T. 22nd February														OBSERVATIONS at 18h. G.M.T. 22nd February														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.							
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Direc. (17)			Force 0-12 (18)	Form. (23)					Amount. (24)	Height of Base (feet) (25)	7h.-13h. 22nd (37)	13h.-18h. 22nd (38)			18h.-24h. 23rd (39)	1h.-7h. 23rd (40)						
																														Low.	Med.	High	Low	Total	Low	Total	Low	Total
1	London (Kew)...	1012.2	-4	SW'S	3	Zo	48	85	6	5	7	1	4-6	94	2500	1012.8	+6	SSW	3	Zo	48	92	6	5	7	1	2-3	46	4000	1	*	Cmo	Cmo	bcbcm	bccm
	Croydon ...	1012.7	-6	SW'S	4	Zo	50	85	6	5	7	1	7-8	94	1500	1013.3	+6	SW	3	Zo	48	92	6	5	7	1	2-3	2500	1	*	Cm	Cmo	cmgwb	cmgwb	
	S. Farnborough	1012.7	+2	SSW	4	Zo	50	85	6	5	-	-	10	10	1500	1012.2	+6	SSW	4	Zo	49	92	6	5	5	8	2-3	7-8	1500	1	*	Cmfm	Cmo	cmgwb	cmgwb
	Boscombe Down	1011.8	0	SSW	4	Zo	51	85	5	5	-	-	9	9	450	1012.2	+2	SSW	4	Zo	49	92	6	5	7	1	2-3	800	1	*	Cmfm	Cmo	cmgwb	cmgwb	
	Calshot (Soton.)	1013.0	+2	SW	4	Zo	49	85	6	1	7	3	Tr	9	2500	1013.6	+4	WSW	3	Zo	49	92	5	5	3	6	Tr	2-3	1500	1	2	Cmo	Cbcm	cmgwb	cmgwb
	Lympne	1015.2	-2	SSW	3	c	48	85	7	-	9	6	0	9+	-	1015.2	+4	SSW	3	Zo	45	92	6	-	4	8	0	46	-	1	3	Cmo	C	cmgwb	cmgwb
	Manston	1013.8	-6	SSW	4	Zo	48	75	6	-	7	-	0	9+	-	1013.9	+8	SW'S	4	Zo	49	85	6	-	7	9	0	9+	-	1	3	Cmo	Cbcm	cmgwb	cmgwb
2	Shoeburyness ...	1013.0	-10	S	1	c	47	85	6	5	7	4	4-6	7-8	4000	1013.1	+8	WSW	1	c	47	85	5	-	9	0	9+	-	1	2	Cmo	Cmo	cmgwb	cmgwb	
	Felixstowe ...	1013.3	-10	SW	3	Zo	41	92	5	-	7	-	0	9+	-	1012.3	+2	S	3	Zo	39	97	5	-	7	0	9+	-	1	2	Cmo	Cmo	cmgwb	cmgwb	
	Gorleston ...	1012.6	-16	SW	4	c	44	85	5	5	3	-	1-6	9	2500	1011.6	+4	SW	2	c	40	92	5	5	1	-	4-6	9	2500	1	2	bccz	CZ	cmgwb	cmgwb
	Mildenhall ...	1011.7	-12	SSW	3	Zo	49	85	5	-	7	-	0	9+	-	1010.6	+2	SSW	3	m	49	85	4	-	7	7	0	10	-	1	2	Cmo	Cbcm	cmgwb	cmgwb
	Cranwell ...	1011.0	-12	SSW	3	Zo	43	97	5	5	-	-	10	10	1500	1008.7	-4	SSW	4	Zo	45	97	6	-	-	6	0	7-8	-	4	*	Cmfm	Cmo	cmgwb	cmgwb
3	Birmingham	1009.2	-10	SSW	4	c	46	97	6	5	-	-	9+	9+	1500	1008.9	-2	SSW	3	c	51	85	6	5	-	9	9+	1500	1	*	Frc	C	cbe	bcc	
	Upper Heyford	1011.2	-12	S	3	Zo	48	97	6	5	-	-	10	10	450	1011.1	0	S	3	c	50	85	8	5	3	-	9+	9+	800	1	*	Cmfm	Cbcm	cbe	cmgwb
4	Ross-on-Wye ...	1010.0	-8	S	2	Zo	51	85	6	5	-	-	9+	9+	1500	1009.0	-6	S	3	c	51	85	7	5	-	2	1	4-6	1500	1	*	Cmfm	Cbcm	cbe	cmgwb
5	Hartland Point	1008.3	+8	SW	4	c	54	85	7	8	4	2	4-6	7-8	1500	1007.8	+2	SW	6	c	52	85	7	6	2	-	7-8	9+	1500	1	3	C	Cbcm	cbe	cmgwb
	Bristol ...	1010.1	-14	S	4	c	54	75	7	8	-	8	4-6	7-8	2500	1010.9	+4	SE	4	bc	51	92	7	8	7	-	4-6	9+	800	1	*	Cmfm	Cbcm	cbe	cmgwb
	Portland Bill	1012.4	+6	SSW	4	c	45	92	7	5	-	-	10	10	2500	1012.4	+6	SSW	3	C	45	92	7	1	-	-	7-8	7-8	4000	1	4	C	Cbcm	cbe	cmgwb
	Plymouth ...	1011.2	+6	S	4	Zo	51	92	7	5	3	6	Tr	7-8	1500	1011.5	+8	SSW	5	Zo	49	92	6	5	-	4	1	4-6	1500	1	4	C	Cbcm	cbe	cmgwb
	The Lizard	1010.8	+4	SE	5	c	51	97	7	8	6	-	7-8	9+	2500	1011.0	+4	SW	5	bc	49	97	7	8	7	-	4-6	4-6	2500	1	3	C	Cbcm	cbe	cmgwb
	Scilly (St. Mary's)	1007.8	+4	SW	5	c	55	85	6	5	2	2	4-6	9+	1500	1008.4	+10	SW	5	C	52	92	6	5	-	-	9+	9+	1500	1	3	C	Cbcm	cbe	cmgwb
	Guernsey	1013.1	+6	SSW	4	c	51	85	7	-	7	8	0	7-8	-	1013.8	+8	SSW	4	C	53	85	6	-	7	1	0	7-8	-	1	4	C	Cbcm	cbe	cmgwb
6	Pembroke ...	1007.7	-2	S	5	bc	47	92	6	5	7	-	2-3	4-6	1500	1006.1	-4	SSW	7	C	48	92	6	8	-	-	9+	9+	1500	1	4	Fcm	Cbcm	cbe	cmgwb
7	Holyhead ...	1005.6	-10	SE	4	c	52	75	8	5	-	-	10	10	2500	1002.6	-18	SE	6	C	49	85	7	5	-	-	9+	9+	2500	1	*	Cmfm	Cbcm	cbe	cmgwb
	Chester (Sealand)	1007.0	-18	SE	4	m	48	85	6	-	2	-	0	7-8	-	1006.2	-6	SE	3	Zo	54	75	6	5	-	-	7-8	9	2500	1	*	Cmfm	Cbcm	cbe	cmgwb
8	Manchester ...	1008.4	-18	SE	3	C/d	46	92	5	5	2	-	7-8	10	800	1007.1	-8	SE	3	Zo	50	85	5	5	-	-	9	9	2500	4	*	Cmfm	Cbcm	cbe	cmgwb
10	Spurn Head ...	1009.2	-8	SW'S	3	f	42	97	2	-	-	-	10	10	450	1007.8	-8	SSW	4	m	43	97	4	5	-	7	7-8	10	2500	0	2	Ff	C	cw	c
	Catterick	1007.4	-26	S	3	F	36	97	1	-	-	-	10	10	450	1006.1	+2	-	0	F	33	97	0	-	-	10	10	450	1	0	Ff	C	cw	c	
	Tynemouth	1006.8	-2	SW	3	Cf	39	92	3	5	-	-	9+	9+	2500	1005.0	+2	SW	3	Cf	41	85	3	2	3	1	4-6	7-8	1500	1	1	Cmfm	Cbcm	cbe	cmgwb
11	St. Abbs Head	1005.2	-24	SSW	3	Zo	53	65	6	7	5	2	2-3	4-6	2500	1002.6	-2	W	3	C	49	75	7	5	6	-	7-8	9+	2500	0	2	Cmfm	Cbcm	cbe	cmgwb
	Leuchars	1005.0	-18	-	0	Zo	50	75	6	-	4	9	0	7-8	-	1002.0	-10	-	0	m	47	85	4	5	-	-	9+	9+	2500	1	*	Cmfm	Cbcm	cbe	cmgwb
12	Renfrew (Abbots L.)	1005.3	-24	-	0	Zo	48	75	5	-	7	-	0	4-6	-	1001.2	-22	SE	2	Zo	48	75	6	5	-	-	10	10	2500	1	*	Cmfm	Cbcm	cbe	cmgwb
	Eskdalemuir	1005.0	-18	SSW	2	c	48	75	7	-	7	-	0	9	-	1003.3	-12	SW	3	Tr	42	92	5	-	2	-	10	10	450	4	*	Cmfm	Cbcm	cbe	cmgwb
	Point of Ayre ...	1005.5	-14	SE	4	f	42	97	3	-	-	-	10	10	450	1002.0	-8	SW	4	id	48	92	7	8	2	-	7-8	10	1500	1	2	Ff	Cid	c	cbe
13A	Tiree ...	1000.9	-20	SE/E	4	bc	46	97	6	5	-	-	4-6	4-6	1500	995.9	-20	SE/E	5	0	45	92	6	5	-	-	10	10	1500	0	5	Cmfm	Cbcm	cbe	cmgwb
13B	Stornoway	1002.0	0	SSW	5	dr	47	97	6	5	2	-	9	10	1500	998.9	-16	-	0	17	92	7	5	7	-	-	4-6	10	2500	1	0	Cid	Cdr	c	cbe
15	Dalwhinnie	1004.0	-8	S	4	c	45	85	7	4	-	3	2-3	9	2500	1001.1	-6	S	4	C	42	85	6	4	5	-	4-6	9+	2500	6	1	CZ	CZ	cbe	cbe
	Aberdeen	1004.6	-16	S	2	c	46	85	6	-	7	8	0	9+	-	1000.4	-16	SSW	3	b	46	85	6	-	4	-	0	Tr	-	1	1	CZ	CZ	cbe	cbe
	Wick ...	1002.6	-6	SSW	3	c	46	97	7	5	1	8	4-6	9+	4500	998.5	-22	SE	1	C	43	97	7	5	1	8	4-6	9	2500	1	1	C	C	cbe	cbe
16	Lerwick...	1001.2	-4	SW	6	C/r	47	92	7	8	7	-	7-8	9+	800	999.1	-20	SW	6	C	46	97	6	5	2	-	7-8	10	220	1	1	C	C	cbe	cbe
17	Blacksod Point..	998.5	-18	SE	3	rr	48	92	7	6	-	-	10	10	450	996.0	+2	W/N	2	C	47	92	7	5	-	-	9+	9+	450	1	3	rr	rr	bc	bc
18	Malin Head ...	1001.0	-28	S	3	c	50	92	8	4	7	-	4-6	7-8	5700	993.7	-26	S	4	pr	48	97	6	6	-	-	9+	9+	2500	0	3	C	C	cbe	cbe
	Aldergrove ...	1002.8	-30	SE/E	5	Zo	49	85	6	5	3	-	4-6	7-8	800	996.6	-42	SE	5	ir	50	85	6	5	-	-	10	10	800	1	*	Cmfm	Cbcm	cbe	cmgwb
19	Birr Castle ...	999.6	-24	S	4	C	51	92	8	6	1	-	7-8	10	1500	997.3	0	WSW	3	id	53	85	7	6	1	-	7-8	10	1500	1	3	C	Cid	cbe	cbe
20	Valentia Obay.†	995.5	-24	SSW	5	Cd	52	97	6	5	-	-	10	10	450	1001.0	+42	W/N	3	id	49	92	7	5	-	-	10	10	800	1	3	rr	rr	cbe	cbe
	Roches Point ...	999.6	-24	SE	6	C	51	92	7	5	-	-	9	9	1500	1000.8	+22	SW	5	dd	50	97	5	5	-	-	10	10	450	1	4	C	C	cbe	cbe

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

q, squalls. r, rain. s, snow.
rs, sleet. t, thunder.
u, 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.

† Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

CLOUD.

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

Cloud form abbreviations:—

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

COLUMN 29 —STATE OF GROUND.

1 . . . Ground dry.	7 . . Ground covered with snow, less than 6 ins., deep but
2 . . . " wet.	ground not frozen.
3 . . . " flooded.	8 . . . " covered with snow, less than 6 ins., but
4 . . . " frozen hard and dry.	ground frozen.
5 . . . " partly covered with snow or hail.	9 . . . " covered with snow greater than 6 ins. deep.
6 . . . " covered with ice or glazed frost.	10 . . Fresh snow has fallen in the mountains,
covered with thawing snow.	

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

CLOUD.

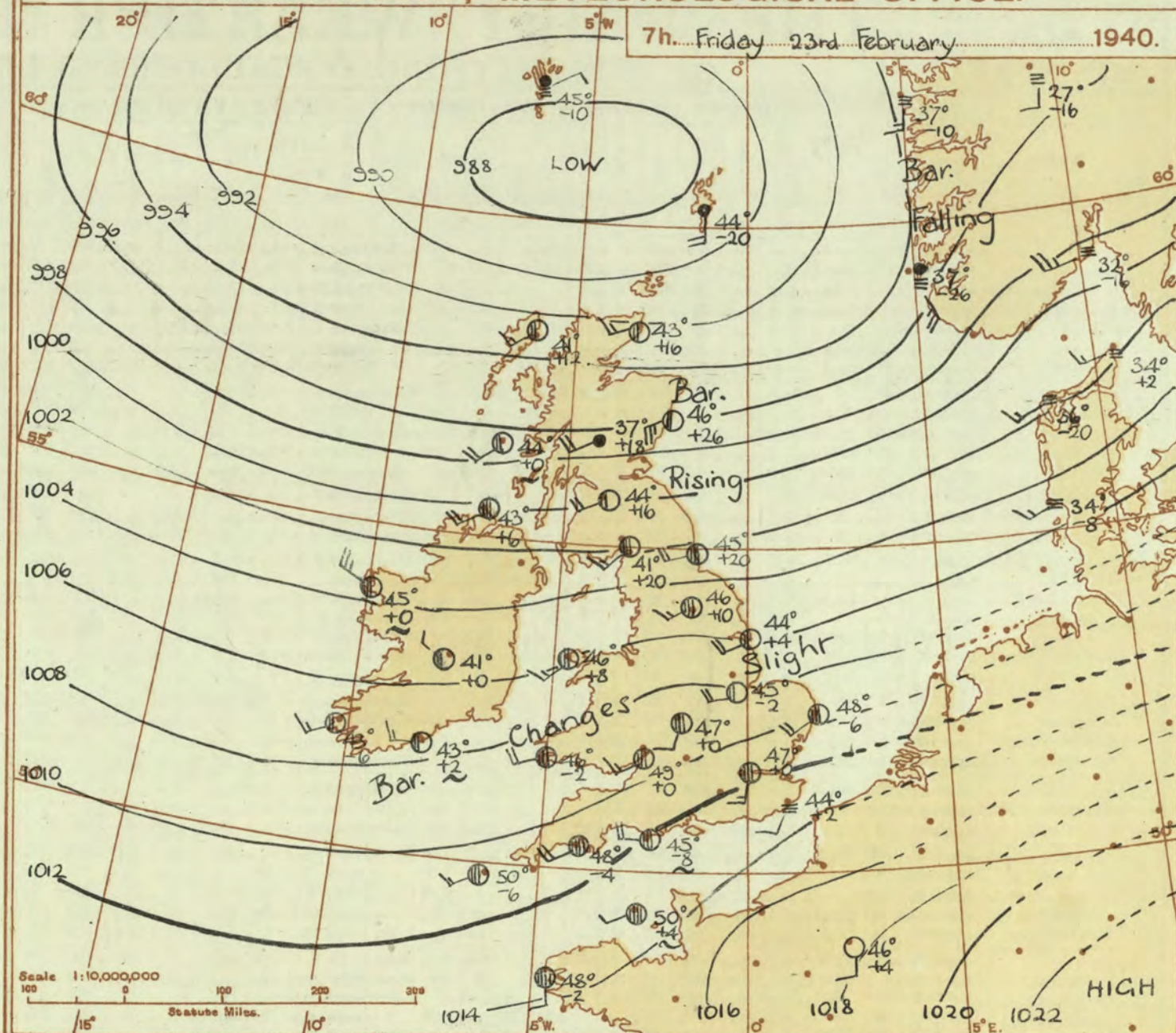
- 0 No cirriform cloud.
- 1 Fine Ci not increasing : sparse.
- 2 Fine Ci not increasing : abundant but not a continuous layer.
- 3 Anvil Ci (usually dense).
- 4 Fine Ci increasing : usually in tufts.
- 5 Ci or Cs increasing : still below 45° altitude : often in polar bands.
- 6 Ci or Cs increasing and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

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

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 23rd February 1940



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd February, 1940.
1 S.E. England	Moderate or light southwest wind; mainly fair, some drizzle and local fog at first near south coast; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Moderate or light southwest wind; mainly fair; mild.
5 S.W. England	As 1.
6 South Wales ...	Moderate or light west or southwest wind; bright intervals; local showers; cooler but still rather mild.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A depression off North Scotland is moving northeast. There will be bright intervals over most of the country and local showers in the West and North, but in the English Channel Area there will be low clouds with local drizzle and fog at first.

FURTHER OUTLOOK.

Mainly fair at first in the East, but rain spreading over western districts and eventually to the whole country.

Forecasts issued at 1030 G.M.T.

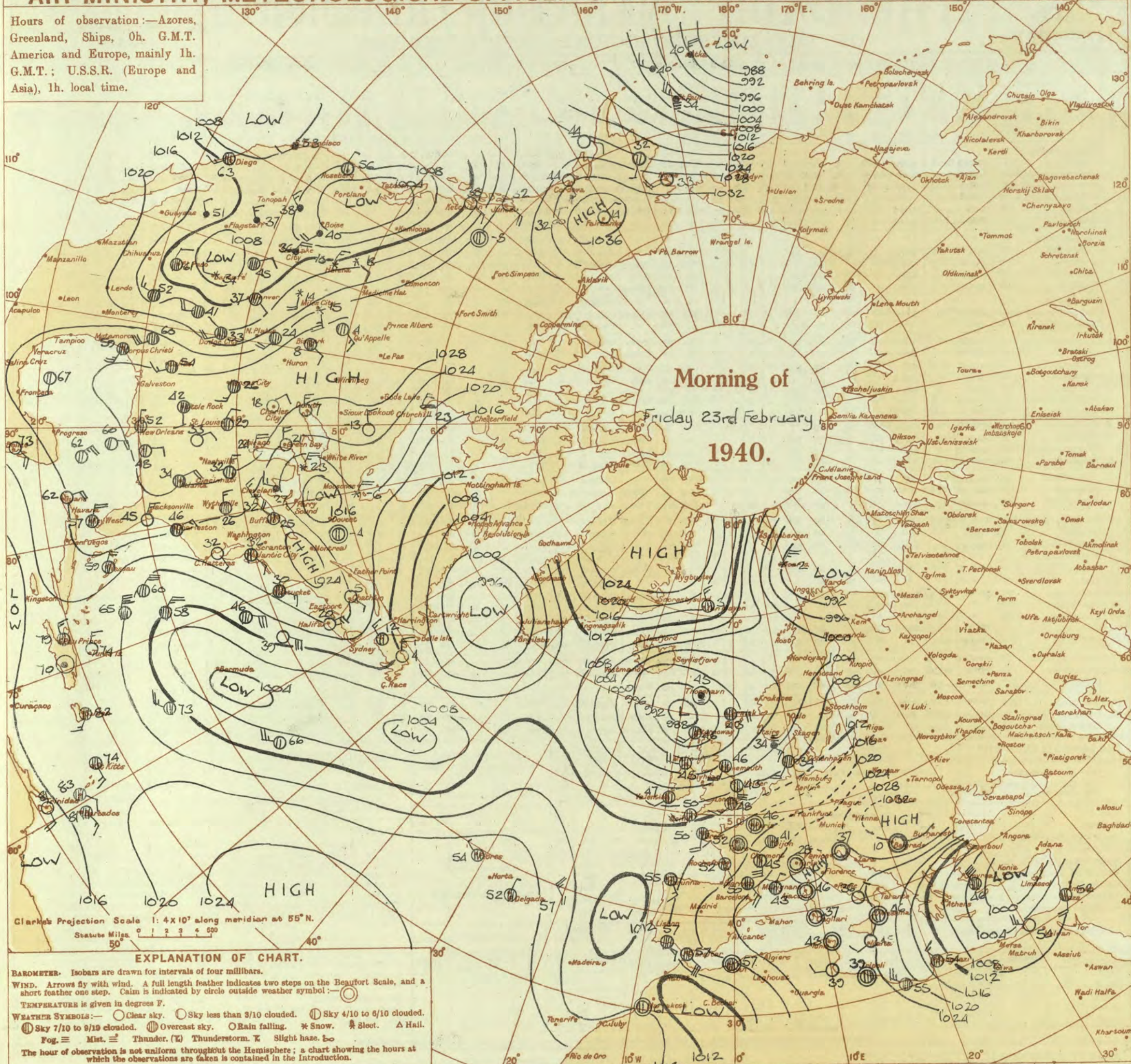
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

N.W.S.O. Press, Cornwall House, S.E.1.

D. 475/3827. Nr. 3108. D. 4626. 60. 949/23490. 2/40

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 23rd February 1940.

No. 29582.

OBSERVATIONS at 1 hr. G.M.T. 23rd February														OBSERVATIONS at 7 hr. G.M.T. 23rd February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.	
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.			Night 18h-7h mm.						
																																Low.	Med.	High.	Low.		Med.
1	London (Kew) ... 18	1012.8	-4	SSW	3	4	43	97	6	5	7	4-6	10	450	1011.7	0	SSW	3	4	46	92	6	5	7	4-6	10	1500	1	51	45	43	-	-	1.0			
	Croydon ... 217	1012.8	-4	SSW	3	4	43	97	6	5	7	4-6	10	450	1012.8	0	SSW	3	4	47	97	6	5	7	4-6	10	1500	1	52	45	39	-	-	0.6			
	S. Farnborough ... 226	1012.4	-6	SSW	4	4	48	92	6	5	7	4-6	10	800	1011.8	+2	SSW	3	4	45	97	6	5	7	4-6	10	1500	1	54	41	43	-	-	0.6			
	Boscombe Down ... 417	1012.1	+2	SSW	4	4	49	97	6	5	7	4-6	10	1500	1011.6	0	SSW	4	4	46	97	7	5	7	4-6	10	4000	1	54	45	43	0.1	0.3	0.7			
	Calshot (St. Mary's) ... 8	1013.3	-4	WSW	3	4	47	97	6	5	7	4-6	10	800	1012.4	-2	SSW	3	4	47	97	6	5	7	4-6	10	800	1	52	44	42	-	0.1	1.1			
	Lymington ... 346	1015.3	0	SSW	2	4	43	92	6	5	7	4-6	10	2500	1014.3	+2	SSW	2	4	44	97	3	5	7	4-6	10	450	1	48	42	35	-	Tr	1.1			
	Manston ... 154	1013.4	-6	SSW	4	4	47	85	6	5	7	4-6	10	9	1012.9	+2	SSW	3	4	46	92	6	5	7	4-6	10	9	1	5	46	42	0.1	-	0.0			
2	Shoeburyness ... 11	1012.4	-6	SSW	3	4	46	97	6	5	7	4-6	10	9	1012.4	0	SSW	3	4	47	97	6	5	7	4-6	10	4000	1	52	41	31	-	-	0.8			
	Felixstowe ... 15	1012.4	-6	SSW	3	4	46	97	6	5	7	4-6	10	9	1011.3	-2	SSW	3	4	47	97	6	5	7	4-6	10	4000	1	43	39	35	-	Tr	0.3			
	Gorleston ... 5	1011.4	-2	SSW	4	4	45	95	5	5	7	4-6	10	2500	1009.9	-6	SSW	4	4	46	95	7	4	4	4-6	10	2500	1	46	39	38	-	Tr	0.6			
	Mildenhall ... 19	1010.5	-18	SSW	4	4	49	92	6	5	7	4-6	10	800	1009.8	-4	SSW	3	4	48	92	8	5	7	4-6	10	4000	1	52	47	42	-	Tr	0.6			
	Cranwell ... 240	1007.3	-12	SSW	4	4	48	85	7	5	4	6	7	2500	1007.5	-2	SSW	4	4	48	92	7	5	7	4-6	10	2500	4	47	37	36	-	Tr	0.1			
3	Birmingham ... 535	1008.8	+8	WSW	6	4	48	97	7	8	7	9	1500	1009.1	-2	W	5	2	47	97	5	5	5	5	5	10	10	800	1	55	48	46	-	Tr	3.3		
	Upper Heyford ... 408	1010.2	-8	SSW	4	4	50	85	7	5	7	9	1500	1009.6	+6	SSW	2	4	49	85	7	5	5	5	5	10	10	1500	1	52	47	43	Tr	Tr	0.0		
4	Ross-on-Wye ... 223	1008.8	-8	SSW	4	4	48	85	7	5	7	9	1500	1009.4	0	SSW	3	4	49	85	8	5	5	5	5	10	10	2500	1	50	48	46	-	Tr	1.2		
5	Hartland Point ... 299	1008.8	+8	WSW	6	4	48	97	7	8	7	9	1500	1009.1	-2	W	5	2	47	97	5	5	5	5	5	10	10	800	1	55	48	46	-	Tr	3.3		
	Bristol ... 209	1010.4	-6	SSW	4	4	48	95	8	5	7	9	2500	1010.6	+2	SSW	5	2	48	92	7	6	5	5	5	10	10	1500	1	55	48	46	-	Tr	2.8		
	Portland Bill ... 32	1012.3	-4	SSW	4	4	46	92	7	5	7	9	10	4000	1012.3	-8	W	4	4	46	92	7	5	5	5	5	10	10	2500	1	45	43	40	-	Tr	3.4	
	Plymouth ... 82	1012.1	-2	SSW	5	4	48	97	6	5	7	9	10	450	1011.3	-4	SSW	4	4	48	97	5	5	5	5	5	10	10	450	1	52	48	47	-	Tr	1.7	
	The Lizard ... 240	1011.9	0	SSW	5	4	49	97	7	8	7	9	10	2500	1011.2	-4	SSW	3	4	48	97	5	5	5	5	5	10	10	800	1	51	47	47	-	Tr	3.3	
	Scilly (St. Mary's) ... 163	1010.8	+2	SSW	4	4	50	97	6	5	4	4	4-6	7-8	2500	1010.2	-6	SSW	3	4	50	92	7	5	7	4-6	10	2500	1	55	50	48	-	Tr	1.8		
	Guernsey ... 175	1014.2	0	SSW	4	4	50	92	7	8	7	9	10	1500	1013.3	+4	SSW	1	4	50	92	7	5	5	5	5	10	10	2500	1	53	49	43	-	Tr	1.8	
6	Pembroke ... 142	1007.6	+4	WSW	6	4	47	97	7	8	7	9	1500	1008.9	+2	SSW	4	4	48	97	7	5	5	5	5	10	10	1500	1	49	45	42	0.1	0.2	1.3		
7	Holyhead ... 26	1003.7	+16	SSW	4	4	47	92	7	5	7	9	10	2500	1006.0	+8	SSW	3	4	46	92	7	5	5	5	5	10	10	2500	1	52	45	42	1	1	0.8	
	Chester (Sealand) ... 16	1004.9	-2	SSW	4	4	53	75	7	5	7	9	10	2500	1007.2	+6	SSW	2	4	49	85	6	5	5	5	5	10	10	800	1	54	48	45	-	Tr	4.5	
8	Manchester ... 70	1004.5	-10	SSW	4	4	51	85	6	5	7	9	10	1500	1006.6	+10	SSW	2	4	49	85	6	5	5	5	5	10	10	1500	1	51	46	42	Tr	0.2	0.5	
10	Spurn Head ... 29	1005.6	-8	S	6	4	43	92	6	5	7	9	10	1500	1006.1	+4	SSW	4	4	44	92	6	5	4	7	8	1500	0	45	40	30	Tr	Tr	0.0			
	Catterick ... 175	1001.3	-24	SSW	4	4	44	92	5	5	2	7	9	10	1500	1004.3	+10	WSW	3	4	46	85	7	8	3	7	8	1500	2	45	40	30	Tr	Tr	0.0		
	Tynemouth ... 108	1000.1	-6	SSW	5	4	46	85	6	8	7	9	10	2500	1002.3	+20	WSW	4	4	45	92	6	8	7	9	10	2500	1	43	40	36	-	Tr	0.0			
11	St. Abbs Head ... 280	995.3	-32	SSW	5	4	46	85	7	8	2	7	9	2500	999.9	+30	W	4	4	44	85	6	3	6	7	8	1500	0	53	44	38	-	Tr	1.0			
	Leuchars ... 36	994.5	-24	SSW	4	4	48	92	6	5	2	7	9	1500	998.1	+30	WSW	4	4	44	85	8	8	6	7	8	1500	1	50	41	38	-	Tr	1.0			
12	Renfrew (Abbots I.) ... 19	996.6	+6	WSW	5	4	48	85	8	5	7	9	1500	1000.3	+16	SSW	4	4	44	85	8	8	6	7	8	1500	1	51	43	38	-	Tr	1.2				
	Eskdalemuir ... 794	999.9	+6	WSW	5	4	48	92	8	2	3	7	9	1500	1001.4	+20	SSW	3	4	44	92	7	5	5	7	8	1500	1	50	47	40	Tr	7	4.9			
	Point of Ayre ... 30	999.9	+6	WSW	5	4	48	92	8	2	3	7	9	1500	1003.8	+8	WSW	4	4	44	92	7	5	5	7	8	1500	1	49	43	38	Tr	0.4	0.8			
13A	Tiree ... 22	991.2	-20	SSW	4	4	46	97	7	5	2	7	9	1500	993.8	+2	SSW	3	4	46	85	7	3	6	7	8	1500	0	48	43	38	-	Tr	0.0			
13B	Stornoway ... 80	991.2	-20	SSW	4	4	46	97	7	5	2	7	9	1500	993.8	+2	SSW	3	4	46	85	7	3	6	7	8	1500	1	48	41	38	-	Tr	0.0			
15	Dalwhinnie ... 1176	991.2	-20	SSW	4	4	46	97	6	5	2	7	9	1500	993.8	+2	SSW	3	4	46	85	7	3	6	7	8	1500	1	48	41	38	-	Tr	0.0			
	Aberdeen ... 79	991.2	-20	SSW	3	4	46	97	6	5	2	7	9	1500	993.8	+2	SSW	3	4	46																	

THE DAILY WEATHER REPORT

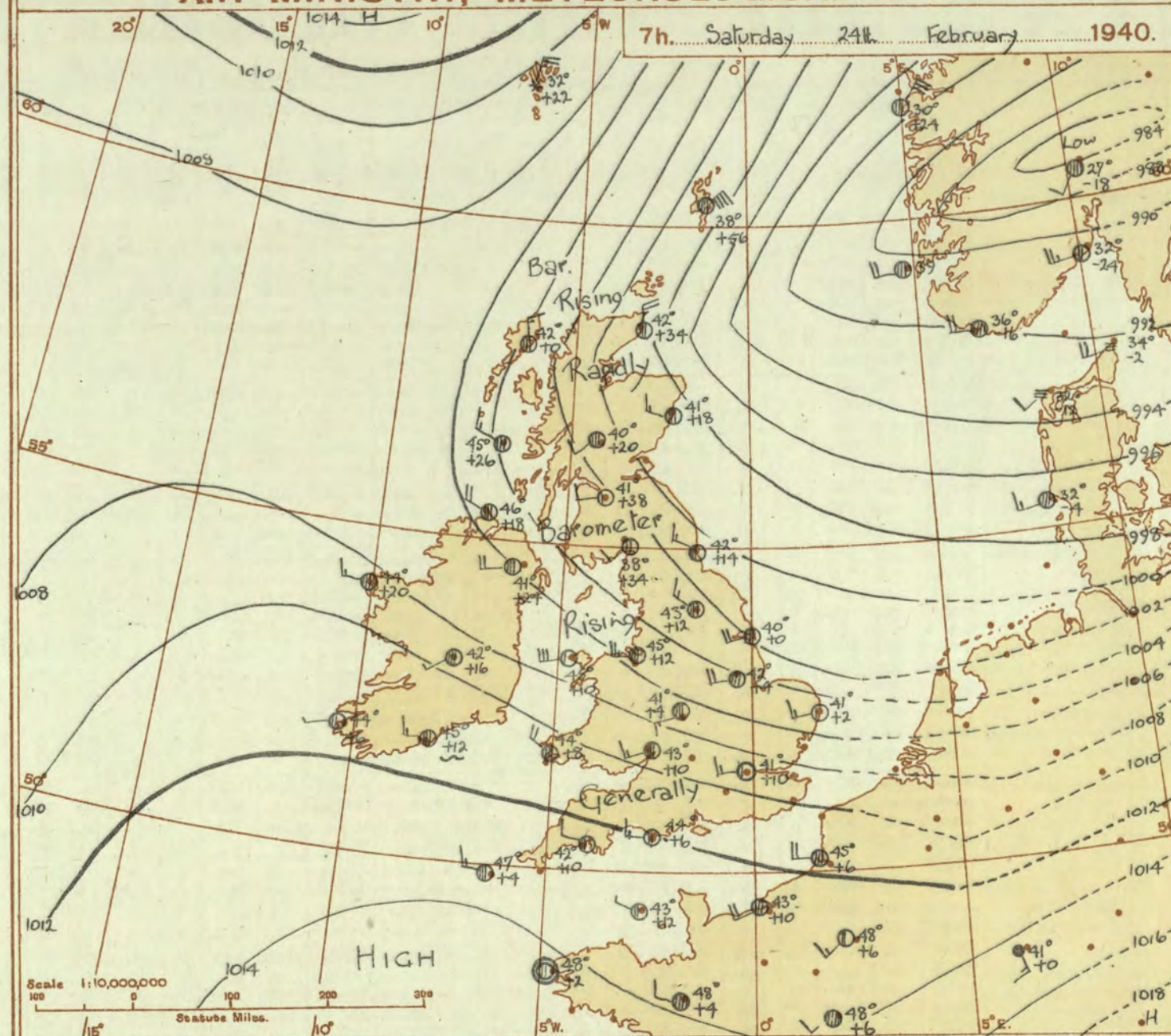
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday 24th February 1940.
No. 28583

OBSERVATIONS at 13h. G.M.T. 23rd February														OBSERVATIONS at 18h. G.M.T. 23rd February														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.					Sea. 0-9	WEATHER.									
				Direc.	Force. 0-12					Form.	Amount. 0-10	Height of Base. (feet)	Form.	Amount. 0-10			Height of Base (feet)	Direc.					Force. 0-12	Form.	Amount. 0-10	Height of Base (feet)	State of ground. 0-9		7h.—13h. 23rd	13h.—18h. 23rd	18h.—24h. 24th	1h.—7h. 24th						
1	London (Kew)...	1010.8	-8	SW	3	id.	49	92	6	5	-	-	10	10	1500	1008.5	-8	SW	3	id.	48	97	5	5	-	-	10	10	1500	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
	Croydon ...	1011.7	-6	SW	2	c/r	50	97	6	5	-	-	10	10	1500	1009.2	-10	SSW	3	id.	48	97	4	5	-	-	10	10	450	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
	S. Farnborough	1010.2	-14	SW	4	zo	50	97	6	5	-	-	10	10	1500	1008.5	-12	SSW	4	c/d	49	97	6	5	-	-	10	10	450	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
	Boscombe Down	1010.7	-10	SSW	4	id.	49	97	5	5	-	-	10	10	450	1008.0	-14	SW	5	c/d	48	97	5	5	2	-	9	10	450	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
	Calshot (Soton.)	1011.5	-14	SW	2	d. d.	47	97	5	5	-	-	10	10	220	1009.3	-6	SW	4	df	46	97	3	-	-	-	10	10	450	1	2	off, cld.	off, cld.	off, cld.	off, cld.			
	Lympne	1013.3	-10	SW	3	rf.	49	97	5	7	-	-	9	10	220	1010.6	-14	SSW	3	rf	45	97	0	-	-	-	10	10	450	1	3	off, cld.	off, cld.	off, cld.	off, cld.			
	Manston	1011.8	-14	SW	4	ir	51	85	6	5	7	-	4	6	10	220	1009.2	-14	SW	5	rf.	48	97	5	6	2	-	9	10	220	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
2	Shoeburyness	1011.3	-16	SSW	2	ir.	47	92	4	6	-	-	10	10	4000	1009.2	-10	SSW	3	c	48	97	5	5	2	-	9	10	1500	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
	Felixstowe	1010.9	-10	WSW	3	zo	45	97	5	2	-	-	9	10	450	1008.6	-10	S	3	rf	43	97	2	-	-	-	10	10	450	1	2	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
	Gorleston	1001.4	-10	SW	4	c	52	85	7	5	-	-	9	9	2500	1007.6	-4	S	3	c	51	85	5	-	-	-	10	10	2500	1	2	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
	Mildenhall	1008.9	-10	SW	3	c	52	85	6	5	-	-	10	10	4000	1006.4	-10	SW	4	c	50	85	6	5	1	-	9	10	4000	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
	Cranwell	1007.4	-2	SW	3	c	50	85	7	5	-	-	9	9	2500	1005.1	-8	SSW	3	c	47	85	7	5	7	1	9	10	1500	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
3	Birmingham	1007.9	-6	SSW	2	c	50	85	8	5	7	-	9	9	1500	1005.7	-8	W	3	pr	48	85	6	5	-	-	9	9	800	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
	Upper Heyford	1009.6	-10	SW	4	c	53	75	8	8	7	-	7	8	1500	1007.1	-10	WNW	4	pr	49	85	6	9	-	-	10	10	800	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
4	Ross-on-Wye	1008.6	-8	SW	3	id.	50	92	6	6	-	-	10	10	1500	1006.4	-10	SW	2	c	50	85	8	8	-	-	9	9	2500	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
5	Hartland Point	1008.0	-12	SW	4	c	50	92	7	8	2	-	7	8	1500	1008.0	+8	SW	4	c	44	97	8	8	4	-	-	9	9	1500	1	3	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
	Bristol	1009.1	-12	SW	3	c	53	85	8	8	7	-	4	6	78	1500	1007.1	-14	WSW	3	rf	49	92	6	6	-	-	10	10	450	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
	Portland Bill	1011.1	-6	NW	4	f	45	92	3	5	-	-	10	10	450	1008.9	-12	WSW	3	f	46	92	2	5	-	-	-	10	10	450	1	4	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
	Plymouth	1010.5	-10	SSW	2	f	48	97	2	-	-	-	10	10	450	1008.8	-6	WSW	4	zo	49	97	6	5	3	-	-	9	9	800	1	3	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
	The Lizard	1010.4	-4	S	3	c	49	97	7	8	2	-	9	10	1500	1009.5	-2	SW	4	c	48	97	8	8	6	-	-	7	8	2500	1	2	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
	Scilly (St. Mary's)	1009.4	-6	SW	3	c	51	97	6	5	2	-	9	9	1500	1009.2	+2	WNW	2	bc	48	97	8	8	3	-	-	4	6	1500	1	2	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
	Guernsey	1011.9	-12	SSW	2	rf.	50	92	6	5	-	-	10	10	800	1010.5	-4	WSW	2	c	50	97	6	8	-	-	-	9	9	2500	1	3	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
6	Pembroke	1008.1	-2	WN	4	c/r	46	97	8	-	-	-	9	9	1500	1006.7	-2	W	4	bc	45	97	8	5	7	-	-	2	3	2500	1	2	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
7	Holyhead	1005.2	-6	SSW	4	c	49	85	8	3	-	-	4	6	78	1000	1003.8	-4	SW	4	bc	45	85	8	5	-	-	4	6	4000	1	2	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
	Chester (Sealand)	1006.3	-4	SW	2	pr	51	85	6	8	-	-	10	10	800	1004.7	-6	SW	3	c	46	75	8	5	1	-	-	1	2	2500	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
8	Manchester	1005.9	-12	SW	3	pr	49	92	5	8	7	-	7	8	1500	1004.7	-6	SE	2	pr	45	92	3	8	7	-	-	7	8	1500	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
10	Spurn Head	1006.3	-2	SW	4	c	50	85	6	5	-	-	9	9	2500	1004.3	-4	SW	3	c	46	92	5	8	-	-	-	10	10	800	1	2	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
	Catterick	1004.6	-6	SW	2	c	48	75	7	8	3	-	4	6	78	1003.0	-4	SW	3	bc	44	75	8	8	-	-	5	2	2500	2	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.			
	Tynemouth	1004.2	0	WSW	3	c	48	65	6	8	-	-	7	8	78	1002.3	-10	SW	2	bc	46	75	6	2	4	-	-	4	6	2500	1	1	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
11	St. Abbs Head	999.9	-4	SW	5	c	46	65	8	2	6	-	4	6	78	2500	998.2	0	SW	4	c	43	75	8	7	4	-	-	4	6	78	2500	0	3	cm, cld.	cm, cld.	cm, cld.	cm, cld.
	Leuchars	998.9	0	SW	6	c	45	85	8	8	-	-	9	9	2500	996.8	-14	SW	5	c	44	85	8	5	4	-	-	7	8	2500	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
12	Renfrew (Abbots L.)	1000.5	-6	SW	4	bc	48	75	8	8	-	-	4	6	78	2500	998.3	-10	SW	3	rf.	44	85	6	6	-	-	-	10	10	800	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.	
	Eskdalemuir	1001.3	-14	SW	6	rf.	42	85	7	6	-	-	9	9	800	999.7	-14	S	4	c	41	85	6	6	-	-	-	9	9	800	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
	Point of Ayre	1003.7	-2	W	6	c	51	75	8	2	4	1	7	8	9	2500	1001.1	0	W	5	c	45	85	8	5	-	-	6	7	8	10	4000	0	3	cm, cld.	cm, cld.	cm, cld.	cm, cld.
13A	Tiree	993.7	-16	SW	5	PHR	45	97	6	2	6	-	9	9	800	995.0	+12	WN	4	pr	44	92	7	8	-	-	-	9	9	1500	1	4	cm, cld.	cm, cld.	cm, cld.	cm, cld.		
13B	Stornoway	991.4	-20	SSW	5	pr	45	92	7	9	7	-	7	8	9	1500	991.3	+2	W	1	bc	42	92	7	5	-	-	-	2	3	2500	1	1	cm, cld.	cm, cld.	cm, cld.	cm, cld.	
15	Dalwhinnie	997.2	-4	SW	4	c	42	85	7	8	2	-	7	8	9	2500	996.0	-4	SW	3	c	38	92	7	8	7	-	-	4	6	78	1500	4	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.
	Aberdeen	997.0	-8	SW	4	bc	49	55	8	4	3	-	2	3	23	2500	995.4	-8	SW	4	bc	44	75	7	5	7	-	-	4	6	46	2500	1	1	cm, cld.	cm, cld.	cm, cld.	cm, cld.
	Wick	993.5	-2	SW	4	c	44	85	8	8	7	2	4	6	78	2500	992.2	-6	SW	4	c	43	92	8	7	8	-	-	4	6	78	2500	1	1	cm, cld.	cm, cld.	cm, cld.	cm, cld.
16	Lerwick	988.8	+2	WSW	6	c/r	44	97	7	6	2	-	7	8	9	4000	990.2	+4	WSW	6	c	44	85	7	5	7	-	-	7	8	9	800	1	*	cm, cld.	cm, cld.	cm, cld.	cm, cld.
17	Blackod Point	1002.4	0	W	5	c	47	85	8	8																												

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 24th February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th February, 1940.
1 S.E. England 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ...	Wind west, moderate; mainly fair today, showers tomorrow; mild today, temperature falling tomorrow.
7 North Wales ... 8 N.W. England 9 N. Midlands ... 10 N.E. England	Wind west to northwest, moderate or fresh; showers of rain or hail; temperature falling.
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	Wind northwest to north, strong or gale locally; wintry showers; cold with frost at night.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Wind light or moderate, variable; mainly fair today, showers tomorrow; mild today, temperature falling tomorrow.

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 Southern Norway is moving
southeastwards and a anticyclone in the Arctic
is spreading southwards behind it. A considerable
fall of temperature will take place in Scotland
today with showers of sleet or hail. Colder
conditions will spread slowly southwards.

FURTHER OUTLOOK.

Unsettled and colder.

Times of issue of Gale Warnings.

Warning of northerly gale issued at 0550 G.M.T.
on 24/2/40 for districts 15 and 16.

Forecasts issued at 1030 G.M.T.

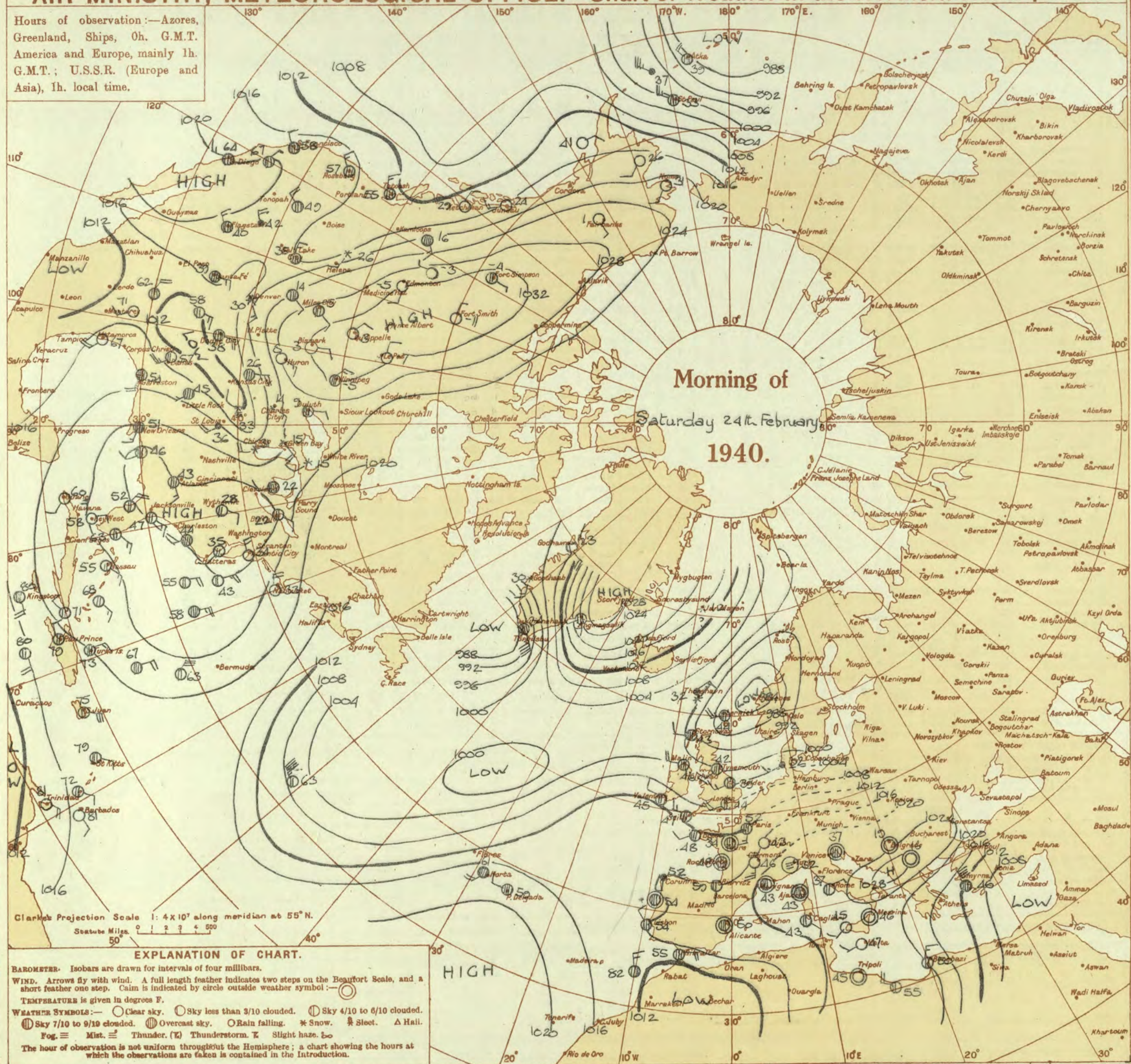
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

H.M.S. G. From Cornwall House S.E.

0425/9827 M. 5109 D. 7466 40-242/23430.2/40

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday 24th February 1940.
No. 28583

OBSERVATIONS at 1 hr. G.M.T. 24th February														OBSERVATIONS at 7 hr. G.M.T. 24th February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		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)	TEMPERATURE.			RAINFALL.		SUNSHINE 23rd Hrs. (36)				
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)			Force. (18)	Form. (23)					Amount. (24)	Height of Base. (feet) (28)	Max. Day 7th-18th °F. (31)	Min. Night 18th-7th °F. (32)		Min. on Grass °F. (33)	Day 7th-18th mm. (34)	Night 18th-7th mm. (35)							
																															Low. (11)	Med. (12)		High (13)	Low (25)	Med. (26)	High (27)
1	London (Kew) ...	18	1008.3	+2	WSW	4	b/p	44	92	6	5	-	1	1500	1009.5	+10	WSW	3	b	41	97	7	5	-	-	Tr	Tr	1500	1	50	41	35	Tr	1	0.0		
	Croydon ...	217	1008.3	+6	SWW	3	z	41	97	7	4	-	0	Tr	1009.2	+6	WSW	4	b	41	92	8	-	4	-	0	Tr	-	1	51	40	37	Tr	1	0.0		
	S. Farnborough ...	226	1008.3	+10	WSW	4	bc	42	92	7	5	-	4-6	4-6	1010.2	+6	W	3	b	40	92	7	5	-	-	Tr	Tr	4000	1	50	39	36	0.1	1	0.0		
	Boscombe Down ...	417	1009.2	+6	W	2	c	43	97	8	5	-	7-8	7-8	1010.7	+10	W'S	2	b	39	92	7	5	-	-	Tr	Tr	4000	1	47	38	34	1	0.5	0.0		
	Calshot (St. Mary's) ...	8	1008.7	-4	W'S	4	ir	46	97	5	5	-	10	10	1010.1	+10	WSW	3	b	37	97	7	5	-	-	Tr	Tr	2500	1	50	37	30	2	3	0.0		
	Lympne ...	346	1007.1	-6	SSW	4	pr	48	92	7	8	-	9	9	1008.6	+8	WSW	4	b	40	85	7	-	3	-	0	Tr	-	1	52	39	36	1	1	0.0		
	Manston ...	154	1007.1	-6	SSW	4	pr	48	92	7	8	-	9	9	1008.6	+8	WSW	4	b	40	85	7	-	3	-	0	Tr	-	1	52	39	36	1	1	0.0		
2	Shoeburyness ...	11	1006.9	-2	WSW	2	c/p	42	97	7	8	-	10	10	1007.4	+10	W'S	4	c	41	92	7	4	-	-	9	9	2500	1	48	39	35	0.1	1	0.3		
	Felixstowe ...	15	1006.9	-2	WSW	2	c/p	42	97	7	8	-	10	10	1007.4	+10	W'S	4	c	41	92	7	4	-	-	9	9	2500	1	48	39	35	0.1	1	0.3		
	Gorleston ...	5	1005.3	-2	W'S	2	c/p	47	85	7	8	-	7-8	7-8	1005.8	+2	WSW	3	b	41	85	7	5	-	-	1	1	4000	1	53	40	39	-	0.4	*		
	Mildenhall ...	19	1005.2	+2	WSW	4	b	42	85	7	5	-	Tr	Tr	1005.9	+2	SWW	3	bc	42	85	7	5	7	-	4-6	4-6	2500	1	54	41	36	-	4	0.7		
	Cranwell ...	240	1004.2	-2	WSW	4	z	40	85	6	5	-	9	9	1004.4	+4	W'S	4	c	42	85	8	5	4	-	7-8	9	800	1	53	39	35	-	0.3	3.6		
3	Birmingham ...	535	1007.3	+10	WSW	3	b	40	92	7	5	-	Tr	Tr	1008.8	+14	WSW	4	c	40	92	8	5	-	5	5	8	1500	1	53	38	38	3	2	*		
4	Upper Heyford ...	408	1007.3	+10	WSW	3	b	40	92	7	5	-	Tr	Tr	1008.8	+14	WSW	4	c	40	92	8	5	-	5	5	8	1500	1	53	38	38	3	2	*		
	Ross-on-Wye ...	223	1009.1	+10	WSW	3	c	48	85	8	5	-	7-8	7-8	1009.1	+10	WSW	3	c	48	85	8	5	-	-	7-8	7-8	2500	1	52	42	31	0.1	Tr	0.1		
5	Hartland Point ...	299	1009.5	+10	WNW	3	bc	44	92	8	5	-	4-6	4-6	1010.3	+8	WNW	3	bc	44	92	8	2	4	-	2-3	4-6	2500	1	50	43	40	2	-	0.1		
	Bristol ...	209	1008.4	0	W	5	bc	44	85	8	8	-	4-6	4-6	1009.2	+10	W	4	c	43	92	7	4	4	-	4-6	7-8	1500	1	54	42	37	2	1	0.5		
	Portland Bill ...	32	1009.5	+10	W	3	c	43	92	8	2	-	7-8	7-8	1011.2	+6	W	3	bc	44	92	8	5	-	-	4-6	4-6	4000	1	48	42	*	Tr	-	*		
	Plymouth ...	82	1010.3	+6	W	3	c	46	92	7	5	3	-	4-6	7-8	1012.4	+10	WNW	2	bc	42	97	7	4	4	-	1	2-3	2500	1	49	42	36	0.5	-	0.1	
	The Lizard ...	240	1012.0	+10	W'S	3	bc	45	97	8	8	4	-	2-3	4-6	1013.2	+10	W'S	3	bc	45	97	8	8	-	-	4-6	4-6	2500	1	50	43	*	0.5	Tr	0.0	
	Scilly (St. Mary's) ...	163	1011.6	+8	W/N	3	bc	47	85	8	8	3	-	2-3	4-6	1012.6	+4	W	3	c	47	85	9	8	-	-	7-8	10	2500	1	52	45	*	0.3	-	0.1	
	Guernsey ...	175	1011.6	+10	WNW	3	ir	48	97	6	8	1	-	9	10	1013.0	+12	WNW	1	bc	48	97	7	-	7	-	0	2-3	-	1	51	43	36	3	3	0.0	
6	Pembroke ...	142	1008.9	+4	WNW	4	b	45	85	8	-	4	-	0	Tr	1010.6	+8	NW	4	cq	44	85	7	8	-	-	7-8	7-8	2500	1	47	48	*	0.3	-	1.1	
7	Holyhead ...	26	1004.1	+4	WSW	5	c	45	85	8	5	-	3	9	4000	1006.1	+10	W'S	6	b	45	85	8	5	3	-	Tr	1	50	44	41	Tr	-	4.4			
	Chester (Sealand) ...	16	1004.5	+2	W'S	2	ir	45	75	6	5	-	10	10	1005.3	+12	W	5	c	45	85	7	5	-	-	9	9	1500	1	53	48	37	2	0.1	2.1		
8	Manchester ...	70	1004.0	+2	SWW	4	c/p	41	92	6	5	7	-	7-8	10	1004.8	+8	W	5	c	42	92	7	8	7	-	4-6	10	1500	1	50	40	37	5	1	0.2	
10	Spurn Head ...	29	1002.4	-8	WSW	3	c	39	92	6	2	-	-	9	9	1001.9	0	WSW	4	c	46	92	6	5	8	8	7-8	10	1500	1	52	38	*	2	4.0		
	Catterick ...	175	1000.7	-4	WSW	2	c/d	42	85	8	8	-	-	7-8	7-8	1001.4	+12	NW	3	c	48	85	8	5	3	-	7-8	9	1500	1	50	42	30	Tr	Tr	3.2	
	Tynemouth ...	108	1000.1	-8	SW	3	c	42	85	6	8	-	-	9	9	1000.1	+14	WNW	3	bc	42	85	6	2	3	-	2-3	4-6	2500	1	51	40	36	0.2	1	*	
11	St. Abbs Head ...	280	996.1	-6	W	4	c	42	85	8	3	6	-	4-6	7-8	998.9	+26	WNW	4	b	42	75	8	4	-	-	1	1	2500	0	48	39	*	Tr	Tr	*	
	Leuchars ...	36	995.3	+2	W	3	bc	39	92	7	5	7	-	2-3	4-6	999.0	+22	W	3	b	37	85	8	5	7	-	Tr	Tr	4000	1	47	35	32	Tr	Tr	3.4	
12	Renfrew (Abbots L.) ...	19	997.0	-10	WSW	4	pr	44	85	6	8	-	-	10	10	1003.0	+38	W'S	2	b	41	85	8	7	4	-	Tr	1	1500	1	48	39	32	0.6	2.2	4.8	
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	1002.0	+34	SW	2	bc	38	92	8	8	-	-	4-6	4-6	1500	1	44	37	33	1	10	0.7		
	Point of Ayre ...	30	*	*	*	*	*	*	*	*	*	*	*	*	1004.1	+20	WNW	5	c	44	92	8	-	2	-	10	10	1500	1	53	42	*	-	0.6	8.1		
13A	Tiree ...	22	996.1	-6	W	4	c	42	85	8	3	6	-	4-6	7-8	998.9	+26	WNW	4	b	42	75	8	4	-	-	1	1	2500	0	48	39	*	Tr	Tr	*	
13B	Stornoway ...	80	996.9	+28	W	2	c	43	92	8	5	1	-	7-8	10	1002.8	0	N	3	c	42	92	8	5	2	-	2-3	10	2500	1	48	41	*	0.2	Tr	2.1	
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	1001.3	+20	SW	2	c	40	85	7	5	-	-	10	10	2500	4	42	35	31	0.6	1	2.2		
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*																									

THE DAILY WEATHER REPORT

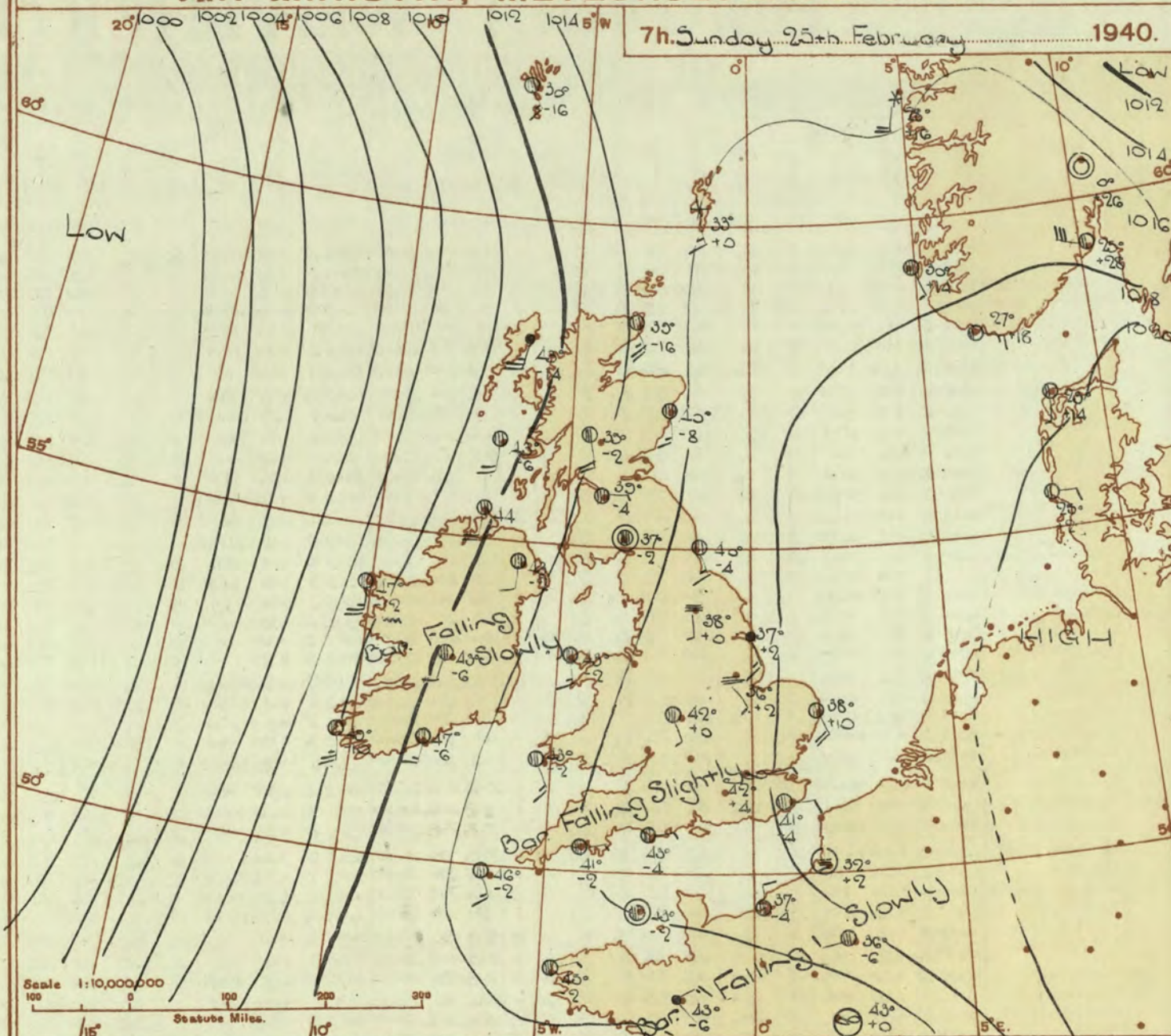
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 25th February 1940.
No 28584

OBSERVATIONS at 13h. G.M.T. 24th February															OBSERVATIONS at 18h. G.M.T. 24th February															PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (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.—13h. 24th (37)	13h.—18h. 24th (38)			18h. 24th to 1h. 25th (39)	1h.—7h. 25th (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1	London (Kew)...	1011.2	+10	W'S	4	Z	50	75	6	7	-	-	4-6-6	1014.4	+18	WSW	2	Z	49	65	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 25th February 1940.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th February, 1940.

1 S.E. England	Wind southeast, moderate; cloudy today, some rain tomorrow; rather mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind southeast to south, moderate or fresh locally; cloudy; occasional rain; rather mild.
6 South Wales ...	
7 North Wales ...	Wind southeast to south, moderate or fresh locally; fair at first, rain spreading from the West later tonight; rather mild.
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	Wind southeast, moderate or fresh; cloudy, occasional rain; average temperature.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind southerly, moderate or fresh; cloudy, occasional rain; 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.

A ridge of high pressure over the eastern part of the North Sea is moving eastwards. A depression off the west of Ireland is slowly spreading over the country and a shallow trough over the Bay of Biscay will move northwards. Winds will freshen from south to southeast and rain will slowly spread over the country but today will be fair and mild in all eastern parts of England.

FURTHER OUTLOOK.

Continuing mild and unsettled with south to southwest winds.

Forecast issued at 1100 G.M.T.

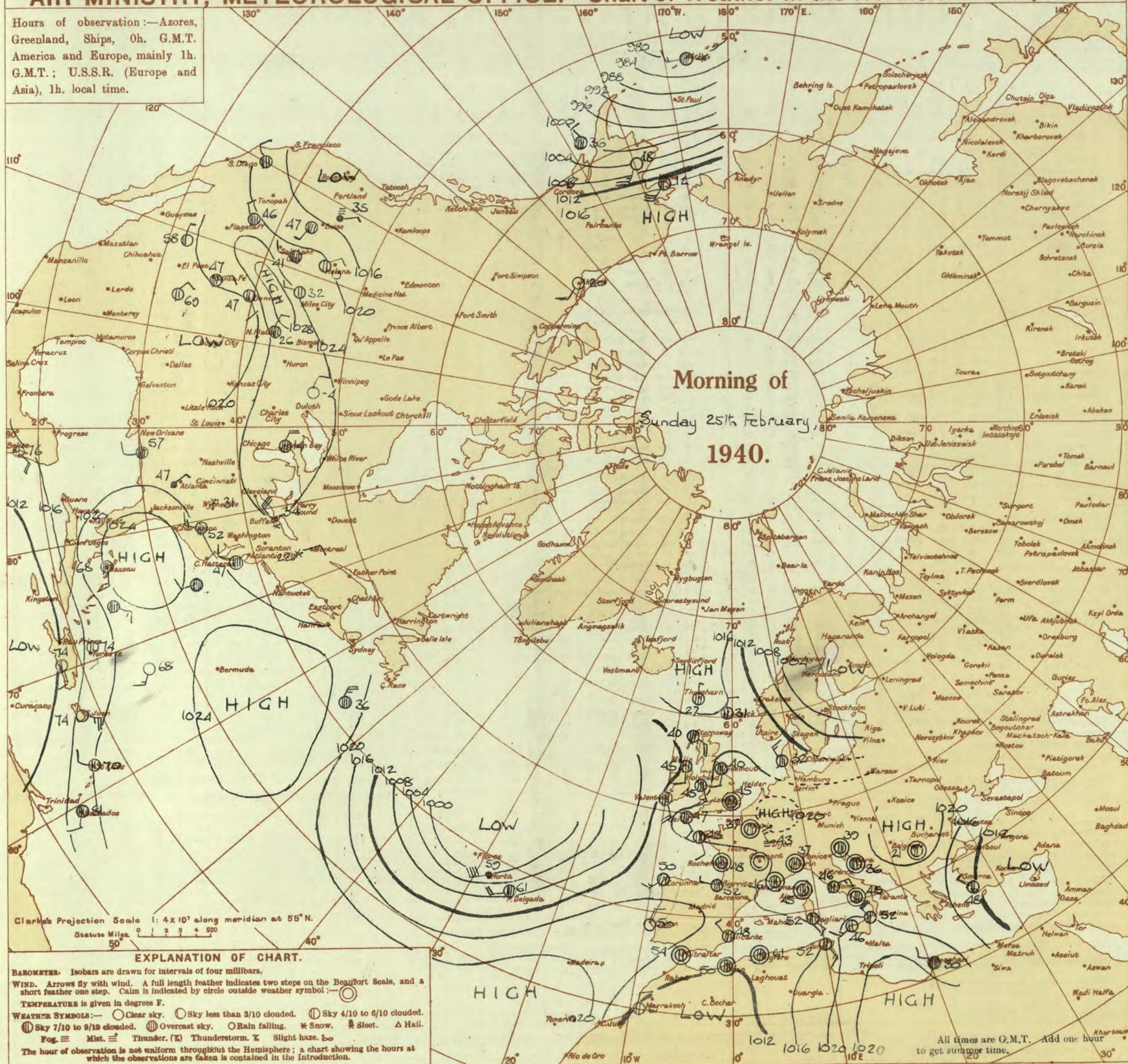
N. K. JOHNSON, D.Sc., A.R.C.S.,
Director.

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

2425/1827 11. 2108. D. 4620. 2425/2450. 2/40

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 25th February.															OBSERVATIONS at 7 hr. G.M.T. 25th February.															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	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.		Sun-shine 24th Hrs.				
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Form.	Amount.	Height of Base (feet).	Max. Day 7h-13h °F.			Min. Night 13h-7h °F.	Min. on Grass °F.	Day 7h-13h mm.	Night 13h-7h mm.					
																																				0-12	0-12	0-10	0-10
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	1017.6	0	ENE	2	N	44	85	5	5	-	-	10	10	2500	1	*	52	43	40	-	-	7.6				
	Croydon ...	217	1017.2	+0	*	*	*	45	92	5	*	*	10	10	4000	1017.6	+4	E	1	N	42	97	5	5	-	-	10	10	4000	1	*	51	41	38	-	-	3.0		
	S. Farnborough ...	226	1017.4	+10	N	1	*	44	85	6	5	-	-	10	10	4000	1017.3	+2	ENE	1	N	42	92	5	5	-	-	10	10	4000	1	*	53	41	35	-	-	7.2	
	Boscombe Down ...	417	1017.3	+8	*	*	*	42	85	7	*	*	10	10	4000	1017.3	0	*	*	41	85	7	5	-	-	10	10	4000	1	*	48	40	38	-	-	3.9			
	Calshot (Stmnt.) ...	8	1017.3	+0	*	*	*	41	85	6	*	*	10	10	4000	1017.2	+2	*	*	38	97	5	5	-	-	10	10	4000	1	0	50	37	34	-	-	5.6			
	Lympe ...	346	1017.8	+10	NE	2	*	44	85	7	5	-	-	10	10	4000	1018.4	+4	ENE	2	N	41	92	5	5	-	-	10	10	4000	1	5	53	41	41	-	-	7.8	
	Manston ...	154	1017.8	+14	SE	1	*	43	85	4	*	*	9	9	2500	1018.6	+4	ENE	3	N	43	85	5	5	-	-	10	10	2500	1	*	53	39	35	-	-	8.1		
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	1018.3	+4	ENE	2	N	38	97	5	5	-	-	10	10	4000	1	*	55	31	23	-	-	6.6				
	Felixstowe ...	15	1017.0	+10	*	*	*	38	97	4	*	*	0	0	-	1018.3	+6	ENE	1	N	38	97	1	-	-	-	-	-	-	1	1	48	34	29	-	-	3.3		
	Gorleston ...	5	1017.3	+20	*	*	*	46	85	7	5	-	-	10	10	2500	1019.2	+10	SE	1	N	38	85	7	5	-	-	10	10	2500	1	2	49	37	36	-	-	*	
	Mildenhall ...	19	1016.9	+6	SW	1	*	42	85	5	5	-	-	10	10	1500	1018.0	+2	SE	1	N	35	97	4	5	-	-	7-8	10	2500	1	*	48	34	30	-	-	1.2	
	Cranwell ...	240	1016.8	+14	*	*	*	39	97	4	5	-	-	7-8	7-8	1500	1017.4	+2	SE	1	N	36	97	1	5	-	-	10	10	1500	1	*	48	36	34	-	-	1.2	
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	1017.2	0	SE	2	C	42	85	7	5	-	-	10	10	2500	1	*	50	41	37	-	-	2.7				
	Upper Heyford ...	408	1017.4	+10	NE	1	*	42	85	7	5	-	-	10	10	4000	1017.8	+4	*	0	N	42	85	6	5	-	-	10	10	4000	1	*	53	40	41	-	-	*	
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	1016.7	0	SW	1	N	42	85	6	5	-	-	10	10	2500	1	*	50	41	39	-	-	1.2				
5	Hartland Point ...	299	1016.3	+6	SW	1	C	45	75	9	5	2	-	7-8	10	1500	1015.3	-4	SE	3	C	43	75	5	5	-	-	10	10	2500	1	2	49	42	40	-	-	4.0	
	Bristol ...	209	1017.4	+6	*	*	*	43	85	8	5	7	-	4-6	10	2500	1017.2	+2	SW	1	C	43	75	8	5	-	-	7-8	10	2500	1	*	48	40	38	-	-	2.2	
	Portland Bill ...	32	1016.9	+8	E	2	*	43	92	8	5	-	-	10	10	4000	1016.4	-4	E	2	C	43	92	8	5	-	-	10	10	4000	1	3	46	42	*	-	-	*	
	Plymouth ...	82	1016.7	+4	NE	1	*	43	75	7	5	2	-	7-8	10	4000	1016.1	-2	SE	1	C	44	75	8	5	-	-	10	10	4000	1	1	51	42	35	-	-	2.6	
	The Lizard ...	240	1016.4	0	*	*	*	45	75	8	8	2	-	9	10	2500	1015.4	-6	SE	3	C	45	85	8	5	-	-	7-8	10	1500	1	2	52	43	*	-	-	2.9	
	Scilly (St. Mary's) ...	163	1015.6	+2	SE	2	*	47	85	8	8	7	-	7-8	10	2500	1014.6	-2	SE	3	C	46	85	8	5	-	-	7-8	10	2500	1	1	52	42	*	-	-	3.2	
	Guernsey ...	175	1016.8	0	*	*	*	41	92	9	5	7	-	4-6	10	2500	1016.0	-2	*	0	C	48	85	9	5	-	-	4-6	10	2500	1	2	52	40	32	-	-	8.5	
6	Pembroke ...	142	1016.1	+8	SSW	2	C	44	97	7	8	-	-	10	10	1500	1015.0	-2	SE	3	C	48	97	8	5	-	-	4-6	10	1500	1	1	48	42	40	-	-	3.7	
7	Holyhead ...	26	1015.4	+10	SSE	3	C	45	85	8	5	-	-	10	10	2500	1015.1	-2	SE	3	C	48	75	8	5	-	-	10	10	2500	1	2	48	42	40	-	-	3.3	
	Chester (Sealand) ...	16	1016.6	+10	*	*	*	43	85	5	5	-	-	10	10	4000	1016.0	-2	SE	2	C	41	85	6	5	-	-	10	10	1500	1	*	50	41	34	-	-	0.0	
8	Manchester ...	70	1016.5	+10	*	*	*	43	92	4	5	-	-	10	10	2500	1016.9	+2	S	2	C	41	92	5	5	-	-	7-8	10	2500	1	*	48	40	35	-	-	0.0	
10	Spurn Head ...	29	1017.4	+16	SE	2	C	38	97	7	5	-	-	10	10	1500	1017.9	+2	SE	3	C	37	97	5	5	-	-	10	10	800	1	2	48	37	*	-	-	7.1	
	Catterick ...	175	1016.5	+12	SSW	1	C	39	92	5	5	-	-	10	10	1500	1016.9	0	S	3	C	38	97	1	-	-	-	-	-	-	1	2	52	38	34	-	-	4.7	
	Tynemouth ...	108	1017.0	+12	S	2	C	40	85	6	8	-	-	10	10	2500	1016.7	-4	SSE	3	C	40	92	6	5	-	-	10	10	1500	1	2	52	40	35	-	-	0.3	
11	St. Abbs Head ...	280	1015.6	+6	SE	2	C	39	97	8	8	2	-	7-8	10	2500	1015.2	+2	SSE	4	C	38	92	7	8	-	-	7-8	10	1500	0	3	47	37	*	-	-	*	
	Leuchars ...	36	1015.5	+6	ESE	2	C	38	92	8	5	2	-	7-8	10	2500	1014.3	-4	*	0	C	39	92	6	5	-	-	10	10	4000	1	*	48	(38)	36	-	-	0.1	
12	Renfrew (Abbots L.) ...	19	1015.0	+10	ESE	1	C	40	92	5	5	-	-	10	10	1500	1014.6	-4	EN	1	C	39	97	5	5	-	-	10	10	800	1	*	50	38	38	-	-	1.4	
	Eskdalemuir ...	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.3	-2	*	0	C	37	97	6	5	-	-	10	10	2500	1	*	48	36	34	-	-	5.2		
	Point of Ayre ...	30	1014.7	+6	W	2	C	45	92	8	8	-	-	10	10	2500	1014.7	-2	SW	4	C	44	82	8	5	-	-	10	10	2500	1	2	51	40	*	-	-	1.8	
13A	Tiree ...	22	*	*	*	*	*	*	*	*	*	*	*	1010.3	-6	SW	4	C	48	92	8	5	-	-	10	10	2500	1	3	48	38	*	-	-	0.4				
13B	Stornoway ...	80	1013.0	-2	ESE	4	C	40	85	8	5	7	-	7-8	10	2500	1010.2	-14	SSW	5	C	46	92	7	5	-	-	7-8	10	2500	1	3	43	39	*	-	-	2.2	
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	1014.6	-2	S	4	C	35	85	7	4	-	-	-	-	4-6	10	2500	4	*	42	32	31	-	-	0.1		
	Aberdeen ...	79	*	*	*	*	*	*	*	*	*	*	*	1015.6	-3	SSE	5	C	40	85	7	5	-	-	-	-	10												

THE DAILY WEATHER REPORT

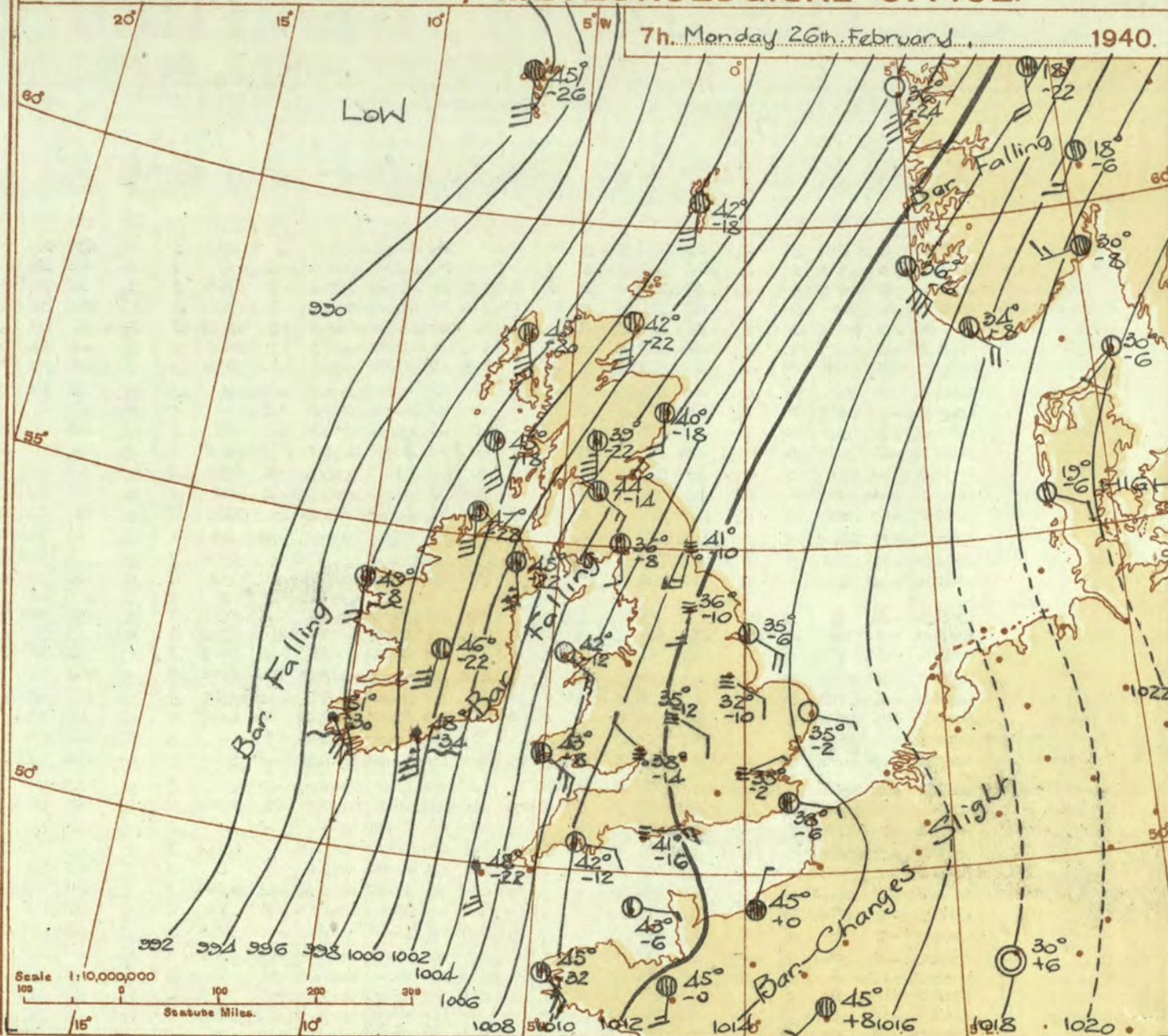
OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Monday, 26th February, 1940.
 No 28585

OBSERVATIONS at 13h. G.M.T. 25th February														OBSERVATIONS at 18h. G.M.T. 25th February														PAST 24 HOURS.						
DISTRICT.	STATIONS.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	0-9 Visibility. (8)	Cloud. (9) (10) (11)			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	0-9 Visibility. (22)	Cloud. (23) (24) (25)			State of ground. (28)	Sea. (29)	WEATHER. (37) (38) (39) (40)								
				Form. (9)	Amount. (10)					Height of Base. (feet) (11)	Form. (23)	Amount. (24)			Height of Base. (feet) (25)	7h.—13h. 25th. (37)					13h.—18h. 25th. (38)					18h.—25th. 1h. 26th. (39)		1h.—7h. 26th. (40)						
																Low. (9)					Med. (10)	High (11)	Low (23)			Med. (24)	High (25)	Low (26)	Med. (27)	High (28)	Low (37)	Med. (38)	High (39)	Low (40)	Med. (40)
1	London (Kew)...	1017.2	-8	SE	E	3	49	75	5	7	-	1	9	4000	1015.7	0	SE	2	47	65	5	5	-	-	10	2500	1	*	cm,mm	cm	cm	cm off		
	Croydon ...	1017.4	-4	SE	E	2	47	85	6	5	7	-	7.8	9	4000	1016.0	-6	E	1	46	65	6	5	7	-	7.8	9	4000	1	*	cm	cm	cm	cm off
	S. Farnborough	1017.1	-6	SE	E	3	49	75	6	5	3	6	7.8	9	4000	1015.4	-2	SE	3	46	75	6	5	-	-	9	9	4000	1	*	cm	cm	cm	cm
	Boscombe Down	1016.2	-10	SE	E	3	47	75	6	7	7	-	2.3	9	4000	1015.3	-2	SE	3	44	85	6	7	1	-	4.6	9	4000	1	*	cm	cm	cm	cm
	Calshot (Soton.)	1016.6	-6	SE	E	3	42	97	6	5	2	-	9	10	2500	1015.5	-2	SE	2	41	97	6	5	-	-	9	9	4000	1	1	cm,mm	cm,cm	cm	cm
	Lymington	1018.2	-6	E	E	2	45	85	5	5	-	-	10	10	4000	1017.2	+2	ENE	2	42	85	5	5	-	-	9	9	7200	1	2	cm	cm	cm	cm
	Manston	1012.7	-8	ESE	E	3	41	92	4	5	2	-	7.8	10	1500	1016.6	-10	E	3	39	97	1	-	-	-	10	10	1500	1	*	cm,cm	cm	cm	cm
2	Shoeburyness ...	1018.3	-4	E	S	3	40	92	5	5	-	-	10	10	4000	1017.2	+2	E	3	38	97	3	5	-	-	10	10	4000	1	*	mm	mm	mm	mm
	Felixstowe ...	1018.9	-2	SE	E	3	39	97	5	5	-	-	10	10	1500	1017.3	-2	E	3	37	97	1	-	-	-	10	10	1500	1	1	cm	cm	cm	cm
	Gorleston ...	1020.0	+2	SE	E	3	39	85	6	5	-	-	10	10	2500	1018.5	0	SE	3	36	85	2	-	-	-	10	10	1500	1	2	cm	cm	cm	cm
	Mildenhall ...	1018.1	-6	SE	E	3	44	92	4	5	-	-	10	10	4000	1016.8	-2	SE	3	41	97	5	5	7	-	7.8	9	4000	1	*	cm	cm	cm	cm
	Cranwell ...	1017.3	-10	SE	E	3	41	97	4	5	-	-	10	10	2500	1016.3	-2	SE	3	42	97	4	5	-	-	10	10	1500	1	*	cm	cm	cm	cm
3	Birmingham	1016.5	-4	SE	E	2	46	75	7	5	-	-	9	9	2500	1015.2	-4	SE	1	45	75	6	5	-	-	9	9	1500	1	*	cm	cm	cm	cm
	Upper Heyford	1016.7	-10	SE	E	2	47	75	5	5	-	-	9	9	4000	1015.8	0	SE	2	45	75	8	5	7	-	7.8	10	4000	1	*	cm	cm	cm	cm
4	Ross-on-Wye ...	1016.2	-8	SSW	E	2	48	65	8	5	-	-	9	9	2500	1014.7	-6	SE	1	46	75	6	5	-	-	10	10	2500	1	*	cm	cm	cm	cm
5	Hartland Point	1014.9	-6	ESE	E	3	47	75	8	5	2	-	7.8	9	2500	1013.7	0	SE	2	45	85	9	8	2	-	7.8	9	2500	1	2	cm	cm	cm	cm
	Bristol ...	1016.4	-10	SE	E	1	47	65	7	5	7	-	9	10	4000	1015.3	0	SE	2	46	75	6	5	7	-	9	10	4000	(1)	*	cm	cm	cm	cm
	Portland Bill ...	1014.4	-2	E	E	2	48	75	8	8	7	-	7.8	9	2500	1014.1	-4	E	2	43	85	7	5	4	-	7.8	10	4000	1	2	cm	cm	cm	cm
	Plymouth ...	1015.3	-8	E	E	2	47	85	8	8	2	-	7.8	9	2500	1014.1	0	SE	1	46	75	8	5	-	-	10	10	2500	1	1	cm	cm	cm	cm
	The Lizard ...	1015.0	-4	SE	E	3	47	85	8	8	2	-	7.8	9	2500	1014.1	0	SE	2	45	92	8	8	4	-	4.6	4.6	2500	1	2	cm	cm	cm	cm
	Scilly (St. Mary's)	1013.8	-8	SE	E	4	49	75	8	8	7	-	4.6	9	2500	1012.2	-8	SE	4	47	85	8	8	7	-	7.8	9	2500	1	2	cm	cm	cm	cm
	Guernsey ...	1015.0	-10	SE	E	2	45	85	8	8	7	-	4.6	9	4000	1013.7	-4	ENE	1	44	92	7	5	1	-	7.8	9	4000	1	2	cm	cm	cm	cm
6	Pembroke ...	1014.8	-4	SE	E	3	44	85	8	5	-	-	9	9	2500	1013.1	-10	SE	3	44	85	8	8	-	-	9	9	2500	1	1	cm	cm	cm	cm
7	Holyhead ...	1014.7	-8	SE	E	4	48	65	8	7	-	-	2.3	2.3	4000	1012.8	0	SE	3	45	75	8	5	-	-	10	10	2500	1	2	cm	cm	cm	cm
	Chester (Sealand)	1016.1	-8	SE	E	1	48	75	6	5	-	-	9	9	4000	1014.4	-2	-	0	46	65	6	5	-	-	9	9	4000	1	*	cm	cm	cm	cm
8	Manchester ...	1016.4	-12	SE	E	2	47	75	5	5	-	-	10	10	4000	1014.6	-4	SE	2	46	85	4	5	-	-	9	9	4000	1	*	cm	cm	cm	cm
10	Spurn Head ...	1017.6	+4	SE	E	4	37	97	3	5	-	-	10	10	450	1016.4	-2	SE	3	38	97	5	5	-	-	9	9	2500	0	3	cm	cm	cm	cm
	Catterick ...	1017.1	-6	S	E	2	40	97	3	5	-	-	10	10	450	1014.7	+2	SSW	2	41	97	3	5	-	-	10	10	450	1	*	cm	cm	cm	cm
	Tynemouth ...	1017.3	0	S	W	2	42	92	4	5	-	-	10	10	1500	1015.4	-10	S	3	41	92	4	5	-	-	9	9	2500	1	2	cm	cm	cm	cm
11	St. Abbs Head	1014.9	-2	SSW	E	3	44	85	7	4	6	-	7.8	9	2500	1013.4	-6	SSW	3	43	75	8	5	2	-	7.8	10	2500	0	2	cm	cm	cm	cm
	Leuchars ...	1014.2	-2	NNW	E	1	42	92	6	5	-	-	10	10	4000	1012.6	-8	S	3	43	85	6	5	-	-	10	10	4000	1	*	cm	cm	cm	cm
12	Renfrew (Abbots I.)	1014.2	-4	SSW	E	4	47	75	6	8	1	-	9	10	2500	1012.6	-2	SSW	1	45	75	5	5	7	-	9	10	2500	1	*	cm	cm	cm	cm
	Eskdalemuir ...	1015.3	-2	S	W	3	42	75	8	5	-	-	10	10	1500	1013.3	-8	S	2	39	85	7	5	-	-	10	10	1500	1	*	cm	cm	cm	cm
	Point of Ayre ...	1014.7	-2	S	E	4	47	85	8	2	3	6	2.3	7.8	2500	1013.0	-10	S	3	43	85	8	8	7	-	4.6	10	2500	0	2	cm	cm	cm	cm
13A	Tiree ...	1009.5	-4	S	W	5	45	97	7	-	2	-	10	10	1500	1007.8	-6	SE	4	44	92	7	5	7	-	4.6	7.8	2500	0	4	cm	cm	cm	cm
13B	Stornoway ...	1009.2	-12	S	E	6	45	85	7	8	2	-	4.6	10	1500	1006.8	-6	S	6	44	85	8	5	7	-	4.6	10	2500	4	3	cm	cm	cm	cm
15	Dalwhinnie ...	1013.5	-14	S	E	6	40	75	7	5	1	-	4.6	10	2500	1011.9	-12	S	4	40	85	7	5	7	-	4.6	10	2500	4	*	cm	cm	cm	cm
	Aberdeen ...	1014.1	-12	S	E	3	43	92	6	5	-	-	10	10	1500	1012.3	-12	SSW	2	41	92	6	5	3	2	4.6	4.6	1500	1	1	cm	cm	cm	cm
	Wick ...	1011.3	-8	S	E	4	42	97	7	5	7	8	7.8	9	1500	1009.3	-6	S	2	43	97	7	5	7	7	7.8	10	1500	1	2	cm	cm	cm	cm
16	Lerwick...	1013.9	-18	SE	E	4	35	92	7	5	2	-	7.8	10	800	1009.6	-6	S	5	42	92	7	9	2	-	4.6	10	800	1	*	cm	cm	cm	cm
17	Blacksod Point...	1007.4	-6	S	E	6	43	75	9	2	-	-	4.6	7.8	2500	1004.8	-18	S	6	51	75	9	8	-	-	7.8	7.8	1500	0	4	cm	cm	cm	cm
18	Malin Head ...	1008.9	-8	S	E	6	49	65	8	5	7	-	2.3	7.8	5700	1007.4	-4	S	4	47	65	8	4	-	-	2.3	2.3	5700	0	2	cm	cm	cm	cm
	Aldergrove ...	1012.5	-6	S	E	3	48	65	9	7	3	-	7.8	9	4000	1010.4	-2	SE	3	44	85	8	5	4	-	1	2.3	2500	1	*	cm	cm	cm	cm
19	Birr Castle ...	1011.5	-4	S	E	3	54	55	8	4	4	-	4.6	4.6	2500	1009.2	-6	S</																

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 26th February 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th February, 1940
1 S.E. England	Wind south to southeast light or moderate freshening. Cloudy to-day, slight rain to-morrow. Mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind southerly fresh or strong or gale locally on coasts. Cloudy, occasional rain. Mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1 - 4.
10 N.E. England	
11 S.E. Scotland	As 5 - 8.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A deep depression covers the Atlantic and a vigorous secondary off Southwest Ireland is moving northeastwards. Mild weather with strong southerly winds will continue. In the west winds will reach gale force and there will be rain, but to-day in the east will be fair or cloudy after morning mist or fog.

FURTHER OUTLOOK.

Mild changeable weather with southerly winds.

Gale Warning.

Southerly gale warning issued at 1550 on 25/2/40 in districts 17, 18, 20, 15, 16, 13, at 0525 on 26/2/40 in districts 19, 5, and at 0930 on 26/2/40 in districts 6, 7 and 12.

Forecasts issued at 1100 G.M.T.

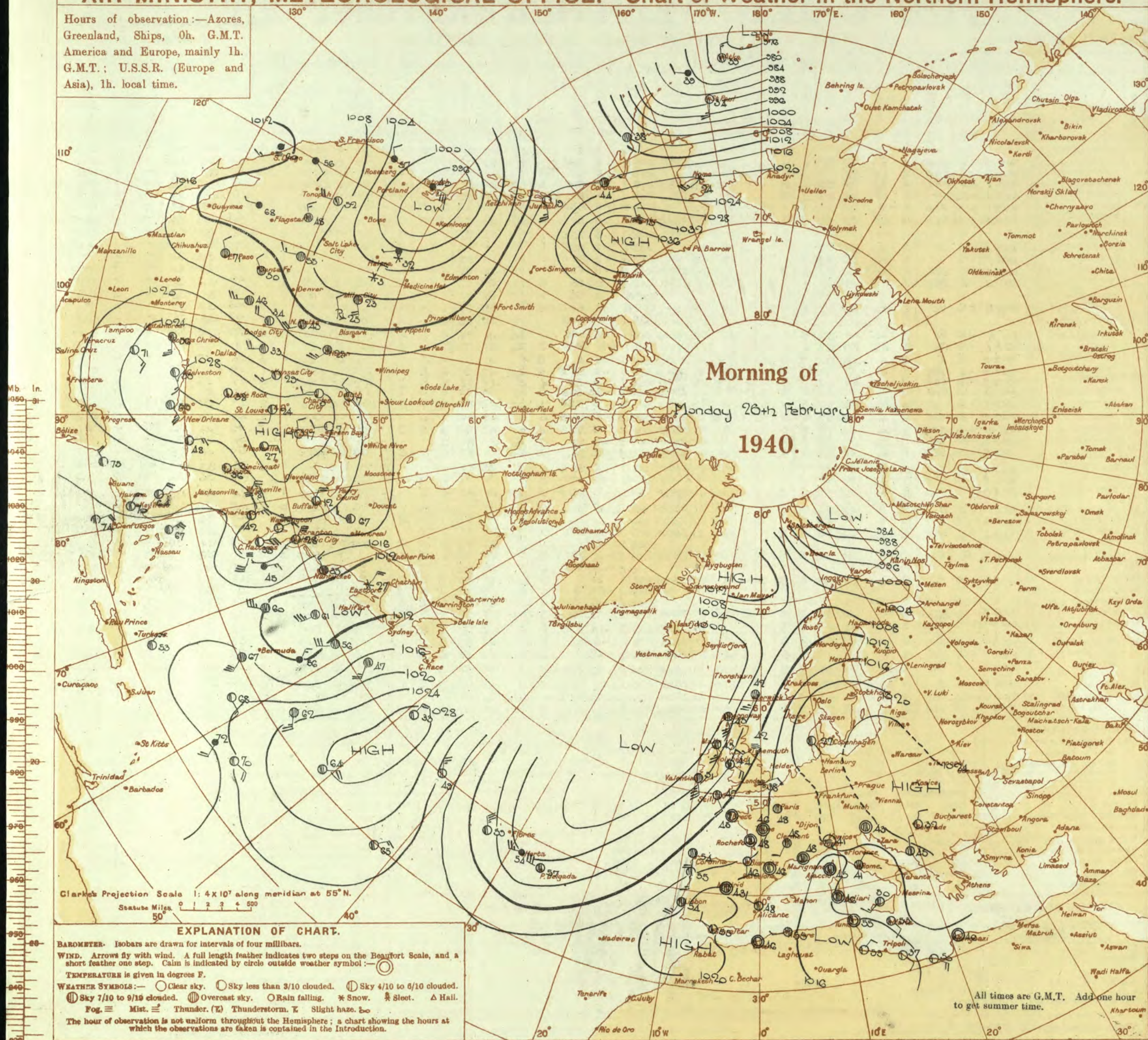
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

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

0-405/1927. No. 5109. D. 1940. 0-405/1927. 2/40

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 26th February 1940.

N 28585

OBSERVATIONS at 1 hr. G.M.T. 26th February														OBSERVATIONS at 7 hr. G.M.T. 26th February														PAST 24 HOURS.													
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud. (9-11)			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud. (23-25)			Sea. (29)	TEMPERATURE. (31-35)					RAINFALL. (34)		SON-SHINE 25th Hrs. (36)								
					Direc.	Force.					Low.	Med.	High.			Low 0-10.	Total 0-10.					Height of Base (feet).	Direc.	Force.		Low 0-10.	Total 0-10.	Height of Base (feet).	State of Ground. (30)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h mm. (34)	Night 18h-7h mm. (35)						
1	London (Kew) ... 18	...	...	...	...	...	...	...	...	...	...	...	1012.4	-10	E 1/4	2	of	30	97	2	5	...	...	...	...	...	50	38	35	...	...	0.1
	Croydon ... 217	...	...	...	...	...	...	...	...	...	...	...	1013.5	-2	ENE	1	F	35	97	1	...	...	...	...	...	...	49	33	35?	...	...	0.0
	S. Farnborough ... 228	...	...	...	...	...	...	...	...	...	...	...	1012.4	...	E 1/2	3	F	37	97	1	...	...	...	...	...	...	50	37	34	...	...	0.5
	Boscombe Down ... 417	...	...	...	...	...	...	...	...	...	...	...	1012.1	...	E 1/2	2	F	36	97	1	...	...	...	...	...	...	47	35	32	...	...	0.0
	Calshot (St. Mary's) ... 8	...	...	...	...	...	...	...	...	...	...	...	1012.1	...	E 1/2	2	of	40	92	3	5	...	...	...	...	...	43	39	37	...	...	0.8
	Lymington ... 346	...	...	...	...	...	...	...	...	...	...	...	1013.8	...	ESE	1	bc	38	92	5	5	...	...	...	...	...	47	35	30	...	...	0.2
	Manston ... 164	...	...	...	...	...	...	...	...	...	...	...	1013.1	...	ESE	2	cf	37	97	2	5	...	...	...	...	...	45	35	32	...	...	0.0
2	Shoeburyness ... 11	...	...	...	...	...	...	...	...	...	...	...	1013.7	-6	SSE	1	F	32	97	1	...	...	...	...	...	...	42	30	22	...	...	0.0
	Felixstowe ... 15	...	...	...	...	...	...	...	...	...	...	...	1013.6	-2	ESE	1	m	35	92	4	...	...	...	...	...	...	39	34	30	...	...	0.0
	Gorleston ... 5	...	...	...	...	...	...	...	...	...	...	...	1014.5	...	SE	1	m	35	92	6	...	...	...	...	...	...	39	32	31	...	...	0.0
	Mildenhall ... 19	...	...	...	...	...	...	...	...	...	...	...	1013.3	...	ESE	1	m	30	97	4	...	...	...	...	...	...	45	29	24	...	...	0.0
	Cranwell ... 240	...	...	...	...	...	...	...	...	...	...	...	1012.9	...	SE	2	F	32	97	1	...	...	...	...	...	...	43	32	32	...	...	0.0
3	Birmingham ... 535	...	...	...	...	...	...	...	...	...	...	...	1011.8	-12	SE	2	F	35	97	1	...	...	...	...	...	...	48	34	34	...	...	0.1
	Upper Heyford ... 408	...	...	...	...	...	...	...	...	...	...	...	1012.8	...	ENE	2	F	35	97	1	...	...	...	...	...	...	48	32	35?	...	...	0.0
4	Ross-on-Wye ... 223	...	...	...	...	...	...	...	...	...	...	...	1011.1	-14	NW	1	m	38	92	4	...	...	...	...	...	...	49	37	26	...	...	0.4
5	Hartland Point ... 299	...	...	...	...	...	...	...	...	...	...	...	1008.1	-18	SSE	3	bc	41	92	8	2	4	...	...	...	...	48	40	38	...	...	0.0
	Bristol ... 209	1011.1	-14	SE	3	bc	36	97	5	36	31	0.0								
	Portland Bill ... 32	...	...	...	...	...	...	...	...	...	...	...	1010.6	...	E	3	f	41	92	2	5	...	...	...	...	...	46	39	...	...	...	0.0
	Plymouth ... 82	...	...	...	...	...	...	...	...	...	...	...	1010.0	...	SE	2	bc	42	97	6	5	...	...	...	...	...	49	41	37	...	...	0.1
	The Lizard ... 240	...	...	...	...	...	...	...	...	...	...	...	1008.7	...	SE	4	bc	45	92	8	5	...	...	...	...	...	52	43	...	...	...	1.5
	Scilly (St. Mary's) ... 163	...	...	...	...	...	...	...	...	...	...	...	1008.5	...	SE	5	bc	48	92	8	5	...	...	...	...	...	50	46	...	...	...	0.0
	Guernsey ... 175	...	...	...	...	...	...	...	...	...	...	...	1011.2	...	ESE	1	bc	43	97	6	7	...	...	...	...	...	47	39	31	...	...	0.0
6	Pembroke ... 142	...	...	...	...	...	...	...	...	...	...	...	1007.5	...	SE	5	bc	43	92	7	8	...	...	...	...	...	45	42	...	...	...	0.3
7	Holyhead ... 26	...	...	...	...	...	...	...	...	...	...	...	1007.2	...	SE	4	bc	42	85	8	5	...	...	...	...	...	49	36	...	...	...	2.1
	Chester (Sealand) ... 16	...	...	...	...	...	...	...	...	...	...	...	1009.9	...	SE	3	bc	39	85	5	...	...	...	...	...	...	50	39	36	...	...	1.4
8	Manchester ... 70	...	...	...	...	...	...	...	...	...	...	...	1010.8	...	SE	2	bc	41	85	5	3	...	...	...	...	...	50	41	38	...	...	0.8
10	Spurn Head ... 29	...	...	...	...	...	...	...	...	...	...	...	1012.7	...	SE	4	bc	35	97	6	...	...	...	...	...	...	38	33	...	...	...	0.0
	Catterick ... 175	...	...	...	...	...	...	...	...	...	...	...	1011.3	...	SE	3	bc	36	97	2	...	...	...	...	...	...	36	36	...	...	...	0.0
	Tynemouth ... 108	...	...	...	...	...	...	...	...	...	...	...	1011.0	...	SE	3	bc	41	85	4	...	...	...	...	...	...	44	40	35	...	...	0.0
11	St. Abbs Head ... 280	1009.3	...	SE	2	bc	37	92	6	8	7	1	2.3	4.6	2500	0	1	45	36	0.0								
	Leuchars ... 36	1007.6	...	SE	2	bc	40	85	7	5	4	49	39	35	0.0								
12	Benfrew (Abbots L.) ... 19	...	...	...	...	...	...	...	...	...	...	...	1007.3	...	SE	3	bc	44	75	6	5	...	...	...	...	...	47	40	39	...	...	0.0
	Eskdalemuir ... 794	1008.7	...	SE	2	bc	36	85	6	5	3	43	34	32	0.0								
	Point of Ayre ... 30	1007.3	...	SE	5	bc	41	92	7	3	4	51	40	1.7								
13A	Tiree ... 22	...	...	...	...	...	...	...	...	...	...	...	1000.0	...	SE	6	bc	45	92	7	5	...	...	...	...	...	46	42	...	...	...	0.0
13B	Stornoway ... 80	997.7	...	SE	8	bc	45	85	8	5	2	46	44	0.0								
15	Dalwhinnie ... 1176	1004.4	...	SE	7	bc	39	75	7	6	2	41	36	33	1.1								
	Aberdeen ... 79	1005.3	...	SE	4	bc	40	75	6	5	3	2	43	38	34	0.0							
	Wick ... 81	1001.2	...	SE	5	bc	42	92	7	5	7	2	2.3	4.6	1500	1	2	43	41	0.0								
16	Lerwick ... 156	1001.3	...	SE	6	bc	42	92	7	8	2	42	41	0.0								
17	Blackod Point ... 18	...	...	...	...	...	...	...	...	...	...	...	976.6	...	SE	4	bc	49	85	8	5	...	...	...	...	...	53	47	...	...	...	0.0
18	Malin Head ... 84	...	...	...	...	...	...	...	...	...	...	...	999.6	...	SE	6	bc	47	85	8	5	...	...	...	...	...	52	41	...	...	...	2.5
	Aldergrove ... 268	...	...	...	...	...	...	...	...	...	...	...	1003.8	...	SE	5	bc	45	85	8	5	...	...	...	...	...	50	41	35	...	...	4.1
19	Birr Castle ... 173	1001.0	...	SE	6	bc	46	85	8	6	1	55	45	44	3.0								
20	Valentia Obsy. ... 30	...	...	...	...	...	...	...	...	...	...	...	975.6	...	SE	6	bc	51	92	6	6	...	...	...	...	...	52	50	49	...	...	1.9
	Roches Point ... 22	999.8	...	SE	7	bc	48	92	6	6	2	51	47	0.0								
LONDON OBSERVATIONS														EXPLANATION OF FIGURES, LETTERS, etc.																											
Day 7h-18h, Kew & Croydon.														COLUMNS 2, 16.														COLUMNS 8, 22 - Code for surface visibility.													
9h-18h, Kensington.														The barometric tendency is expressed in tenths of a millibar.														Objects not visible at 55 yards.													
9h-21h, other stations except for rainfall which is 9h-18h.														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.													
Kew Observatory.														COLUMNS 34, 35.														Tr. = rain has fallen, but amount less than 0.1 mm.													
Max. Time. Min. Time.														0 1 4 13-18 9 47-54														COLUMN 30 - Code for State of Sea.													
Kew Observatory.														1 1-3 5 19-24 10 55-63														0 Calm. 5 Very rough.													
Max. Time. Min. Time.														2 4-7 6 25-31 11 64-75														1 Smooth. 6 High.													
Kew Observatory.														3 8-12 7 32-38 12 75														2 Slight. 7 Very high.													
Kew Observatory.														8 39-46 8														3 Moderate. 8 Precipitous.													
Kew Observatory.														9														4													

LONDON OBSERVATIONS

Day 7h-18h, Kew & Croydon.

9h-18h, Kensington.

9h-21h, other stations except for rainfall which is 9h-18h.

24 hrs. ended 9h.

Kew ... 18

Croydon ... 217

GREENWICH (Royal Observatory) ... 149

CITY (Bunhill Row) ... 149

WESTMINSTER (St. James' Park) ... 27

REGENTS PK. (Botanic Gardens) ... 168

CAMDEN SQUARE ... 110

KENSINGTON ... 80

HAMPSHIRE OBSERVATORY ... 450

THE DAILY WEATHER REPORT

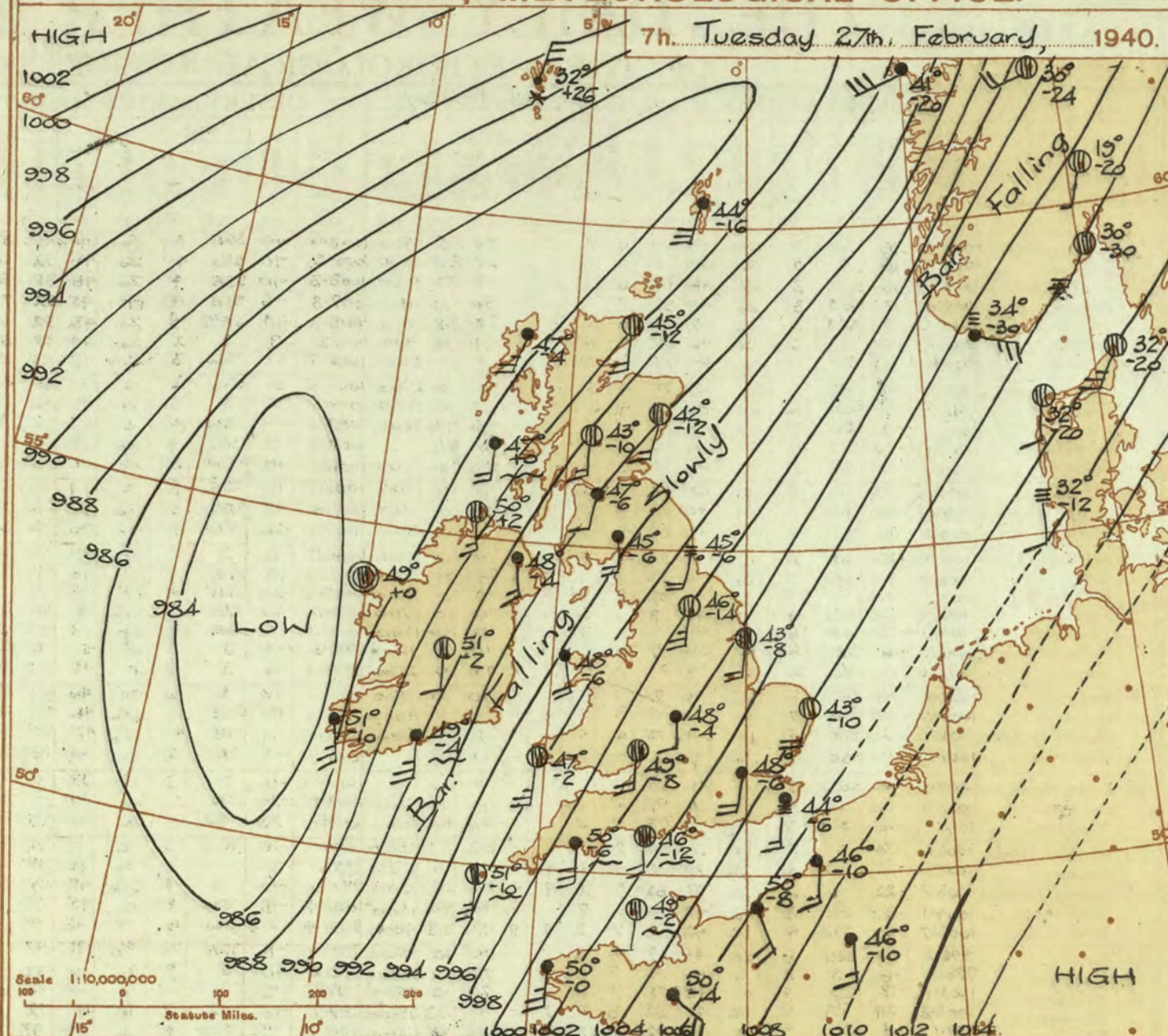
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 27th February 1940.
No. 28586

OBSERVATIONS at 13h. G.M.T. 26th February														OBSERVATIONS at 18h. G.M.T. 26th February														PAST 24 HOURS.						
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.						
				Dir.	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) (28)	7h.-13h. 26th (37)	13h.-18h. 26th (38)			18h. to 27th (39)	1h.-7h. 27th (40)					
1	London (Kew)...	1010.2	-16	S'E	3	Zo	48	75	6	7	-	7-8	7-8	1008.6	-14	SSE	3	Zo	46	85	5	5	-	10	10	1500	1	*	offcm	cm	cbccfc	ccgmo		
	Croydon ...	1010.8	-16	S	3	Zo	50	75	6	1	-	2-3	2-3	1500	1009.2	-10	S'W	4	Zo	46	92	6	5	7	-	1-6	9	1500	1	*	offcm	cbccfc	ccgmo	
	S. Farnborough	1010.1	-16	S'E'S	3	Zo	46	85	6	5	-	-	-	1500	1008.3	-10	SSE	4	Zo	46	85	6	5	-	10	10	1500	1	*	offcm	cbccfc	ccgmo		
	Boscombe Down	1009.4	-18	S'E'S	3	Zo	44	92	5	5	-	9	9	450	1007.3	-6	SSE	4	rr	45	92	7	6	2	-	1-6	10	800	1	*	FFcm	cmccrr	ccgmo	
	Calshot (Soton.)	1010.2	-14	SW'S	3	Zo	47	85	6	5	-	7-8	7-8	1500	1008.3	-14	S'E'S	4	Zo	43	92	6	5	7	-	1-6	10	1000	1	2	offcm	cmccrr	ccgmo	
	Lymington	1013.1	-2	S	2	Zo	45	92	5	5	-	9	9	800	1011.8	-8	S	2	Zo	44	97	5	5	-	10	10	800	1	2	com. cm	cmccrr	ccgmo		
	Manston	1011.6	-10	S	3	Zo	47	85	6	5	-	9	9	220	1010.7	-2	SSW	3	Zo	47	85	5	5	-	9	9	450	1	2	offcm	cmccrr	ccgmo		
2	Shoeburyness ...	1011.5	-8	SE	1	cf	39	97	4	5	-	10	10	2500	1010.5	0	S'W	2	c	44	92	4	5	-	10	10	1500	1	2	cm	cm	bbcm	rrrrmc	
	Felixstowe ...	1011.7	-8	SSE	2	m	40	92	4	5	-	10	10	1500	1009.8	-2	S	3	Zo	41	92	5	5	-	9	9	2500	0	1	bmom	omcm	ccgmo		
	Gorleston ...	1011.5	-16	SSE	3	bc	39	85	5	5	-	4-6	4-6	2500	1009.9	-4	SSW	4	c	42	92	4	5	-	9	9	800	0	1	bmom	omcm	ccgmo		
	Mildenhall ...	1009.0	-30	S'E	3	Zo	48	85	6	7	-	0	4-6	-	1008.2	-2	S'W	4	Zo	48	85	6	5	-	9	9	2500	1	*	bmom	omcm	ccgmo		
	Cranwell ...	1009.6	-18	S'E	3	Zo	41	97	5	5	-	4-6	4-6	2500	1006.9	-10	SSW	3	cf	40	92	3	5	-	9	9	800	1	*	offbcm	ccgmo	ccgmo		
3	Birmingham	1008.7	-14	S	3	o	39	92	5	5	-	10	10	800	1005.7	-14	SSE	3	c	44	85	6	6	7	-	4-6	9	800	1	*	fo	cc	ccgmo	
	Upper Heyford	1010.2	-16	SSE	3	m	40	97	4	5	-	10	10	450	1007.8	-18	S'E'S	3	Zo	44	92	6	5	7	-	9	10	800	1	*	offbcm	ccgmo	ccgmo	
4	Ross-on-Wye ...	1008.5	-16	SSE	3	cf	43	85	4	5	-	10	10	800	1004.7	-20	S'E	4	rr	46	92	6	6	-	10	10	1500	1	*	bmom	omcm	ccgmo		
5	Hartland Point	1004.3	-20	SSE	4	r	49	92	7	8	2	-	7-8	10	1500	1000.5	-6	S	3	cf	49	92	8	5	2	-	7-8	9	800	1	3	bccr	rrrr	ccgmo
	Bristol ...	1008.9	-18	SSE	2	Zo	46	85	6	5	7	-	7-8	9	1500	1005.6	-10	SSE	3	rr	46	97	6	5	2	-	7-8	10	1500	1	*	bccr	rrrr	ccgmo
	Portland Bill ...	1008.9	-12	S	3	c	45	92	7	5	-	10	10	2500	1005.8	-20	SSE	4	rr	45	92	7	5	-	10	10	2500	1	3	bccr	rrrr	ccgmo		
	Plymouth ...	1006.7	-26	SSE'S	4	rr	48	92	6	6	-	10	10	1500	1003.2	-16	S'E	5	rr	48	97	5	6	-	10	10	450	1	4	bccr	rrrr	ccgmo		
	The Lizard ...	1004.1	-30	SSE	6	rr	48	97	5	5	-	10	10	1500	1001.0	-8	SSE	5	dd	48	97	3	5	-	10	10	800	1	4	bccr	rrrr	ccgmo		
	Scilly (St. Mary's)	1001.8	-16	S'E	6	dd	54	97	6	5	-	10	10	1500	998.6	-14	S	5	dd	51	97	6	5	-	10	10	1500	1	3	bccr	rrrr	ccgmo		
	Guernsey ...	1009.1	-16	S'E	2	c	49	85	7	8	7	8	4-6	9	2500	1006.8	-6	S	3	ir	48	92	7	5	1	-	9	10	2500	1	2	bccr	rrrr	ccgmo
6	Pembroke ...	1004.8	-16	SSE'S	6	fo	45	97	5	5	-	10	10	1500	999.5	-16	S	6	rr	46	97	5	5	-	10	10	1500	1	3	bccr	rrrr	ccgmo		
7	Holyhead ...	1002.4	-28	SSE	5	c	51	65	5	9	1	4-6	9	1000	999.6	-18	SSE	5	fo	46	92	6	6	2	-	9	10	450	1	3	bccr	rrrr	ccgmo	
	Chester (Sealand)	1006.0	-28	SSE	4	m	46	75	4	5	-	1	1	800	1002.7	-14	SE	4	id.	45	85	5	5	-	10	10	1500	1	*	bccr	rrrr	ccgmo		
8	Manchester ...	1007.0	-26	SSE	4	Zo	48	65	5	-	-	0	0	-	1004.4	-8	SE	3	m	44	85	4	5	-	9	9	2500	1	*	bccr	rrrr	ccgmo		
10	Spurn Head ...	1009.1	-6	SSE'S	3	b	41	85	5	-	-	0	0	-	1006.6	-6	S	3	bf	39	92	3	-	-	0	0	-	0	2	bz	offbcm	ccgmo		
	Catterick ...	1007.8	-22	S	4	f	36	97	2	-	-	10	10	450	1003.8	-20	SW	2	m	39	92	4	5	-	0	4-6	1	3	offbcm	ccgmo	ccgmo			
	Tynemouth ...	1007.7	-20	SW	3	Zo	45	75	5	5	-	4-6	4-6	1500	1004.1	-20	SW	3	m	41	85	4	5	-	4-6	4-6	1500	1	1	bccr	rrrr	ccgmo		
11	St. Abbs Head	1003.6	-34	S	5	bc	50	65	7	1	4	-	2-3	2-3	2500	1000.1	-16	SSE	3	bc	43	85	5	4	9	2-3	4-6	2500	0	2	bccr	rrrr	ccgmo	
	Leuchars ...	1003.6	-22	SW	3	Zo	49	75	6	1	4	-	2-3	2-3	2500	999.1	-24	S	0	Zo	45	85	6	5	-	9	9	4000	1	*	bccr	rrrr	ccgmo	
12	Bentley (Abbots L.)	1003.7	-22	S'W	3	Zo	51	65	7	2	4	-	2-3	2-3	2500	999.3	-10	S	4	fo	47	85	4	5	-	10	10	1500	1	*	bccr	rrrr	ccgmo	
	Eskdalemuir ...	1004.2	-24	S'E	3	bc	48	65	6	7	-	4-6	4-6	1500	1000.4	-18	SW	2	c	45	75	6	5	-	10	10	1500	1	3	bccr	rrrr	ccgmo		
	Point of Ayre ...	1003.8	-20	S'W	4	bc	48	75	7	2	9	7	2-3	4000	999.4	-20	S'W	6	rr	42	97	6	-	2	-	10	10	1500	1	3	bccr	rrrr	ccgmo	
13a	Tiree ...	996.2	-20	SSE	6	yr	44	97	7	6	-	10	10	1500	992.9	-8	SSE	6	cf	45	97	6	6	-	10	10	1500	1	5	off	ord	ccgmo		
13b	Stormoway ...	996.2	-6	S	8	c	46	75	7	5	2	-	7-8	10	2500	992.2	-10	S	7	ir	45	92	6	5	2	-	4-6	10	1500	1	4	off	ord	ccgmo
15	Dalwhinnie ...	1002.1	-18	SW	4	c	43	75	7	6	2	-	7-8	10	2500	998.6	-12	S	4	ir	43	75	6	5	2	-	7-8	10	2500	4	*	off	ord	ccgmo
	Aberdeen ...	1003.3	-24	S'E	5	bc	45	85	6	5	7	-	1	2-3	1500	999.9	-18	S	3	bc	41	92	5	5	-	9	1	2-3	1500	1	2	off	ord	ccgmo
	Wick ...	999.1	-8	SE	4	c	46	92	7	5	7	9	4-6	9	1500	995.5	-12	SSE	4	c	45	97	7	5	7	8	4-6	9	1500	1	2	c	ccgmo	ccgmo
	Lerwick ...	997.2	-10	SSW	7	c	44	85	7	5	7	-	7-8	9	800	994.8	-10	S'W	7	c	43	92	6	5	7	-	7-8	9	800	1	*	c	ccgmo	ccgmo
17	Blacksod Point...	993.5	-16	SSE	5	c	49	92	8	8	-	10	10	800	991.0	-12	S	6	c	53	85	7	9	-	9	9	800	1	4	ir	ccgmo	ccgmo		
18	Malin Head ...	995.6	-16	S	4	c	47	85	8	8	-	9	9	500	992.5	-8	S'E	4	pr	49	85	7	6	-	7-8	28	2500	0	3	c	ccgmo	ccgmo		
	Aldergrove ...	999.4	-26	SE	5	rr	45	85	7	5	2	-	4-6	9	800	995.8	-14	SSE	5	Zo	47	92	6	5	-	10	10	450	1	*	ccir	ccgmo	ccgmo	
19	Birr Castle ...	986.7	-20	S	4	ir	51	85	7	6	1	-	4-6	10	1500	994.2	-8	S	2	c	51	92	8	5	5	-	4-6	78	1500	1	2	ir	ccgmo	ccgmo
20	Valentia Obs. †	993.5	-6	S	6	c	54	92	7	8	-	9	9	1500	991.2	-14	S'E	5	Zo	52	92	6	5	-	9	9	800	1	2	ir	ccgmo	ccgmo		
	Roche's Point ...	996.																																

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 27th February, 1940.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th February, 1940.

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

Wind south fresh or strong at times veering westerly to-morrow. Cloudy occasional rain to-day. Bright intervals but local showers to-morrow. Mild and close to-day cooler to-morrow.

Wind southerly becoming variable fresh or strong and squally. Occasional rain at first; sleet or snow showers later. Mild at first becoming colder.

Wind veering to west fresh or squally. Bright intervals with showers of rain or hail. Cooler than of late.

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

GENERAL INFERENCE.

A deep and complex depression is centred near the west of Ireland and pressure is rising over Iceland and probably over the Atlantic. The depression will move slowly northeastwards over Scotland and then fill up. To-day there will be mild southerly winds with occasional rain in all districts but cooler brighter conditions will spread from the west and affect the whole country by to-morrow.

FURTHER OUTLOOK.

Unsettled and showery.

Gale Warning.

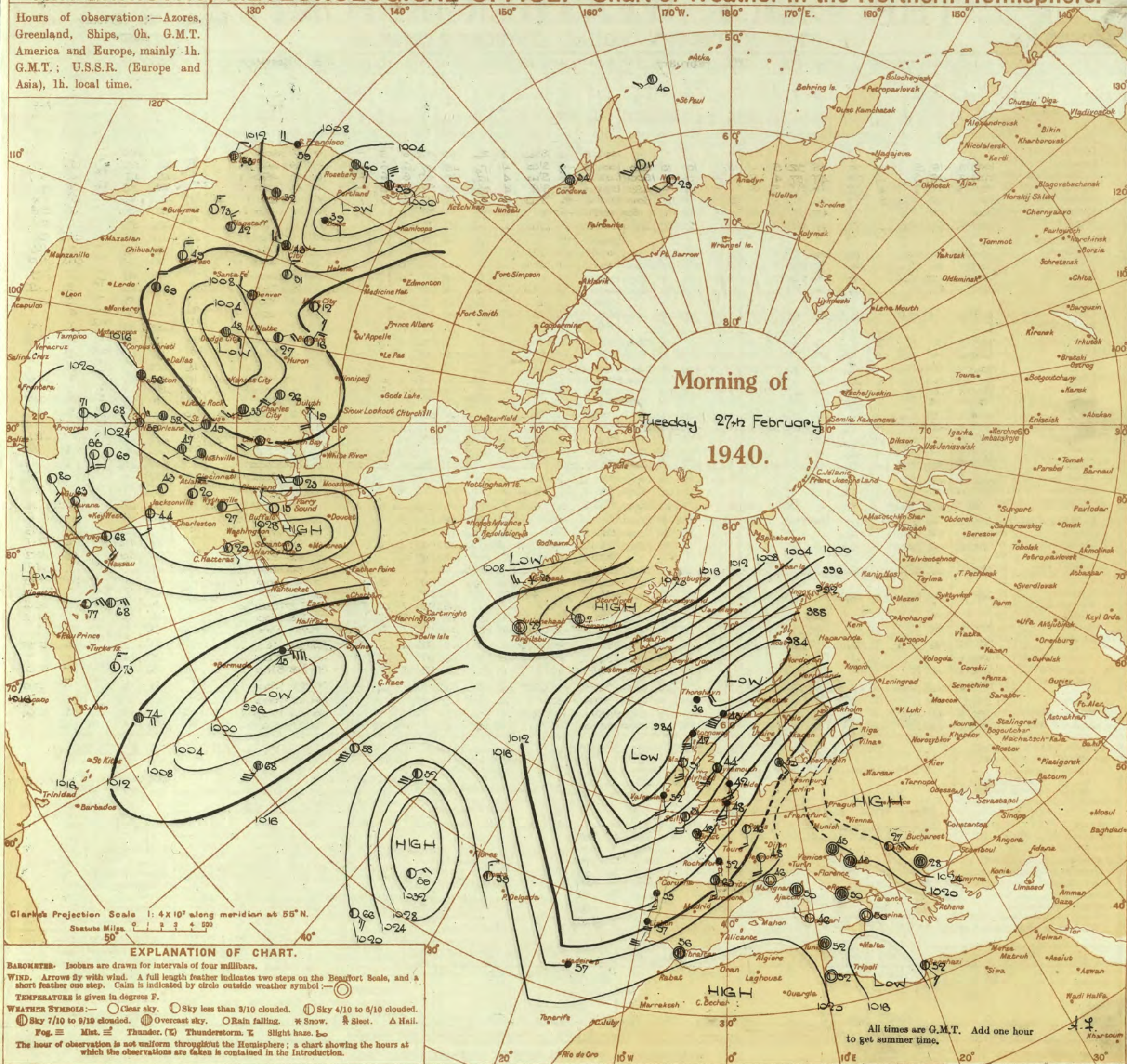
Southerly gale warning issued in part of district 16 at 1550 on 25/2/40.

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

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 27th February 1940.
No 28586

OBSERVATIONS at 1 hr. G.M.T. 27th February														OBSERVATIONS at 7 hr. G.M.T. 27th February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			State of ground.	TEMPERATURE.			RAINFALL.		SUN-SHINE 26th Hrs.						
					Direc.	Force.					Form.	Amount.	Height of Base (feet).			Direc.	Force.					Form.	Amount.	Height of Base (feet).		Max. Day 7h-12h °F.	Min. Night 12h-7h °F.	Min. on Grass °F.	Day 7h-12h mm.	Night 12h-7h mm.							
																																Low.	Med.	High.	Low.	Total.	Low.
1	London (Kew) ... 217	1005.3	-18	S	4	rr	48	72	5	*	*	*	1002.2	-4	SSW	3	20	48	72	6	5	-	10	10	1500	1	50	46	42	-	1	1.5					
	Croydon ... 226	1004.3	-18	S	4	rr	47	72	5	*	*	*	1003.5	-6	S'W	4	19	48	72	6	6	2	7-8	10	1500	1	51	44	43	Tr	3	3.1					
	S. Farnborough ... 417	1002.8	-22	S	5	rr	46	72	5	*	*	*	1001.0	-6	S'E	4	19	47	72	6	5	-	10	10	1500	1	50	45	43	Tr	4	0.7					
	Boscombe Down ... 8	1003.9	-16	SSW	5	rr	46	72	5	*	*	*	1002.2	-2	S'W	4	20	47	72	6	5	7	4-6	10	800	1	47	42	42	-	6	1.4					
	Calshot (Stmntn.) ... 348	1008.4	-16	S'E	3	rr	43	72	6	6	-	-	1005.6	-6	S	3	44	72	6	0	-	-	10	10	1500	1	46	42	40	5	0.8						
	Lympe ... 154	1007.6	-14	S'E	3	20	47	85	6	5	-	-	1004.6	-6	SSW	5	16	47	72	5	6	-	10	10	1220	1	48	42	39	1	2.1						
2	Shoeburyness ... 15	1006.5	-20	S'E	4	ir	40	72	6	-	7	-	1003.9	-6	S'E	3	20	41	72	6	5	-	10	10	450	1	44	39	36	-	1	1.3					
	Felixstowe ... 5	1007.1	-20	S'W	4	c	39	85	7	5	3	-	1004.0	-10	S'W	4	20	43	72	6	6	-	10	10	1500	1	43	39	37	-	0.3	4.0					
	Gorleston ... 19	1004.2	-22	SSE	4	rr	46	72	5	2	-	-	1002.0	-2	S	4	20	48	72	6	5	-	10	10	1500	1	50	45	41	1	6.9	4.0					
	Mildenhall ... 240	1002.4	-22	S	3	rr	44	72	6	5	-	-	1000.1	-4	SSW	3	20	46	72	6	5	-	10	10	1500	1	41	35	35	Tr	2	1.3					
3	Birmingham ... 535	1003.2	-18	SSE	4	dedo	46	72	4	5	-	-	1001.1	-6	S'E	2	40	72	5	6	-	-	10	10	450	1	46	43	42	-	4	0.0					
	Upper Heyford ... 408	1003.2	-18	SSE	4	dedo	46	72	4	5	-	-	1001.1	-6	S'E	2	40	72	5	6	-	-	10	10	450	1	46	43	42	-	4	0.0					
4	Ross-on-Wye ... 223	1003.7	-18	S	4	c	42	72	7	6	-	-	1001.7	-8	S	4	42	72	7	6	-	-	10	10	1500	1	47	45	45	0.2	3	0.0					
5	Hartland Point ... 299	1007.8	-10	SW	5	c	51	72	8	5	-	9	9	2500	1006.1	-2	SW	4	51	72	8	8	2	7-8	9+	1500	1	50	48	47	3	5	2.2				
	Bristol ... 209	1001.6	-14	SSE	4	id	48	72	7	5	2	-	7-8	10	800	1001.7	-8	S	3	50	72	7	5	2	9+	10	800	1	49	46	45	0.4	3	1.2			
	Portland Bill ... 32	1002.7	-20	SSW	4	0	44	72	7	5	-	-	10	10	2500	1000.8	-12	S	4	46	72	7	5	-	10	10	2500	1	45	42	42	2	7	0.6			
	Plymouth ... 82	1000.5	-10	S'W	5	z	49	72	5	5	-	-	10	10	1500	1001.5	-6	S	6	50	72	6	6	2	3	10	800	1	49	48	47	7	4	0.6			
	The Lizard ... 240	1008.8	-10	S'E	5	c/pr	49	72	7	8	-	-	7-8	9+	1500	1006.6	-8	S	6	50	72	6	8	2	3	10	1500	1	48	48	47	7	3	0.0			
	Scilly (St. Mary's) ... 163	1006.0	-14	S'E	6	c/pr	51	72	6	7	-	-	7-8	10	1500	1004.1	-10	S'W	5	51	72	6	5	2	4-6	9+	1500	1	50	48	47	7	3	0.0			
	Guernsey ... 175	1004.1	-18	S'W	6	c	48	72	7	8	-	-	7-8	10	1500	1004.8	-2	SSW	2	49	72	7	8	1	7-8	10	1500	1	50	47	46	5	3.7	3.7			
6	Pembroke ... 142	1006.8	-10	S	5	ir	47	72	6	5	-	-	10	10	800	1005.0	-2	S'W	5	47	72	6	8	-	9+	9+	800	1	47	45	45	10	5	0.2			
7	Holyhead ... 26	1005.8	-10	SSE	5	dedo	47	72	6	5	-	-	10	10	220	1003.4	-6	SSE	4	48	72	6	5	2	9	10	450	1	51	45	44	3	7	4.5			
	Chester (Sealand) ... 16	1005.5	-18	SE	3	id	47	72	5	5	-	-	7-8	7-8	800	1006.7	-6	SSE	3	47	72	5	5	7	4-6	9	800	1	46	44	41	-	3	5.5			
8	Manchester ... 70	1009.4	-18	SSE	4	ir	47	72	6	6	2	-	7-8	10	1500	1007.1	-10	SSE	3	48	72	5	5	4	4-6	4-6	2500	1	49	43	42	-	2	6.2			
10	Spurn Head ... 29	1001.9	-20	S'E	5	rr	42	72	6	5	-	-	10	10	1500	1001.2	-8	S'W	4	43	72	6	5	-	10	10	800	1	43	38	38	-	1	7.9			
	Catterick ... 175	1009.2	-26	S	3	rr	42	72	4	5	-	-	10	10	800	1006.4	-14	SSW	5	46	72	5	8	5	7-8	7-8	2500	1	39	37	33	-	1	0.0			
	Tynemouth ... 108	1009.5	-20	SSW	3	m	44	72	4	5	-	-	10	10	1500	1006.2	-6	SSW	4	45	72	4	8	-	9+	10	1500	1	45	41	37	-	0.2	*			
11	St. Abbs Head ... 280	1006.2	-16	SSW	3	c	44	72	5	2	-	2-3	10	2500	1003.4	-6	SSW	2	46	72	8	8	6	7-8	9+	2500	0	53	40	38	-	0.3	*				
	Leuchars ... 36	1005.1	-18	ESE	1	20	43	72	6	5	-	-	9+	9+	2500	1002.5	-8	-	20	43	72	6	5	-	9+	9+	1500	1	51	41	35	-	1	6.5			
12	Renfrew (Abbots I.) ... 19	1005.6	-18	SSE	1	old	46	85	5	5	-	-	10	10	1500	1003.3	-6	SSW	2	47	72	5	5	-	10	10	800	1	51	44	42	0.5	2	3.1			
	Eekdalemuir ... 794	1005.6	-18	SSE	1	old	46	85	5	5	-	-	10	10	1500	1003.3	-6	S'W	4	45	72	6	2	2	10	10	220	1	50	40	40	-	15	5.3			
	Point of Ayre ... 30	1005.7	-12	SSW	4	dedo	45	72	5	2	-	-	10	10	1500	1003.5	-4	S'W	3	45	72	7	6	2	7-8	10	800	1	49	41	41	2	1	4.1			
13A	Tiree ... 22	1005.7	-12	SSW	4	dedo	45	72	5	2	-	-	10	10	1500	1003.5	-4	S'W	3	45	72	7	6	2	7-8	10	800	1	49	41	41	2	1	4.1			
13B	Stornoway ... 80	1006.1	-14	S	6	rr	47	72	6	5	2	-	9	10	1500	1006.8	-4	SSW	5	47	72	6	5	-	10	10	800	1	47	45	45	2	7	0.0			
15	Dalwhinnie ... 1176	1001.6	-10	S	3	c	43	72	7	6	2	-	4-6	10	1500	1001.6	-10	S	3	43	72	7	6	2	4-6	10	1500	4	46	40	38	Tr	3	2.6			
	Aberdeen ... 79	1001.6	-16	S	4	c	44	72	6	5	7	-	7-8	9+	1500	1001.6	-10	S'W	3	42	72	7	5	7	7-8	7-8	1500	1	46	41	37	-	4.2	4.2			
	Wick ... 81	1001.6	-16	S	4	c	44	72	6	5	7	-	7-8	9+	1500	1001.6	-10	S'W	3	42	72	7	5	7	7-8	7-8	1500	1	46	41	37	-	4.2	4.2			
16	Lerwick ... 156	1002.8	-20	S'W	8	rr	43	72	6	6	2	-	4-6	10	450	1001.1	-16	SSW	6	44	72	6	5	2	7-8	10	450	1	45	42	42	Tr	2	0.0			
17	Blackod Point ... 18	1002.0	-2	S	3	c	51	72	7	8	-	-	7-8	7-8	800	1002.2	0	-	0	49	72	7	8	-	10	10	800	1	55	47	47	4	1	0.0			
18	Malin Head ... 84	1002.3	-8	S	6	c	51	85	8	8	-	-	7-8	7-8	5700	1002.1	0	S	3	50	85	8	8	-	7-8	7-8	5700	0	50	46	46	0.3	-	0.0			
	Aldergrove ... 268	1002.6	-12	SSE	3	c	47	72	7	5	7	6	2-3	7-8	2500	1002.9	-4	SSE	3	48	72	7	5	-	9+	9+	1500	1	47	45	41	1	Tr	0.0			
19	Birr Castle ... 173	1001.9	-10	S	2	id	51	72	7	5	-	-	10	10	1500	1002.9	-2	S	2	51	72	7	5	1	4-6	10	1500	1	52	50	48	2	1	0.0			
20	Valencia Obay. ... 30	1007.8	-14	SSE	4	rr	52	72	6	6	-	-	10	10	1500	1005.6	-10	SSE	5	52	72	6	5	-	10	10	1500	1	55	51	49	7	8	0.6			
	Roches Point ... 22	1002.6	-20	S	6																																

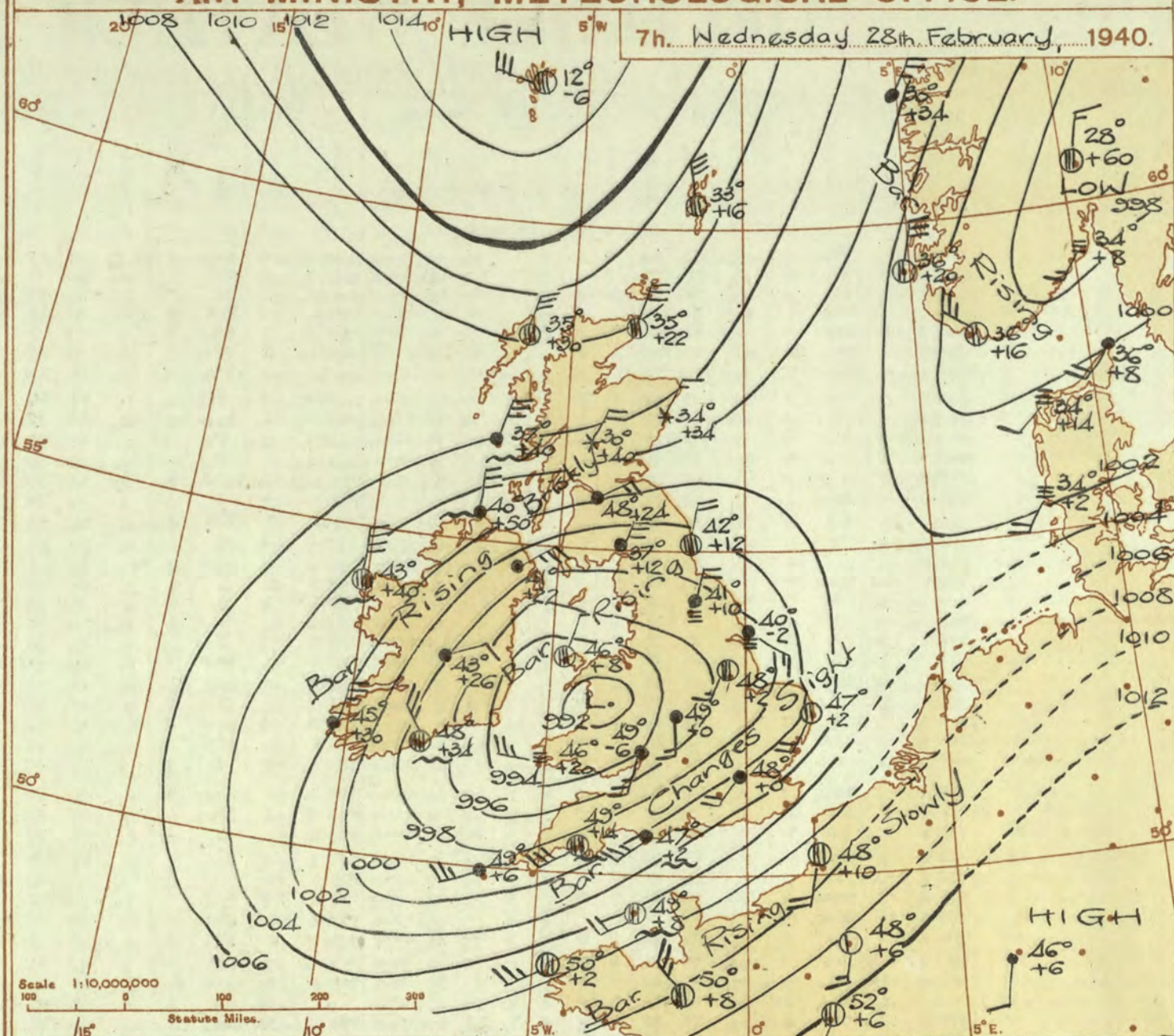
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 27th February															OBSERVATIONS at 18h. G.M.T. 27th February															PAST 24 HOURS.					
District.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. (29)	Sea. 0-9 (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)	7h.—13h. 27h. (37)	13h.—18h. 27h. (38)	18h.—24h. 28th. (39)	1h.—7h. 28th. (40)
1	London (Kew)...	1002.0	-6	S.W.	4	id.	53	85	7	8	-	9	9	1500	1001.5	+4	S.W.	4	to	50	97	6	6	2	-	7-8	10	800	1	*	cmo	cmo	cmo	cmo	
	Croydon ...	1002.9	-6	S.W.	4	id.	52	97	7	8	-	7-8	9	800	1001.9	-4	S.W.	4	pr	50	97	6	9	-	-	10	10	800	1	*	ci,c	ci,c	ci,c	ci,c	
	S. Farnborough	1001.7	-2	S.W.	5	zo	54	85	6	5	-	9	9	800	1000.9	-2	S	4	to	50	97	6	5	7	-	7-8	9	1500	2	*	id,c	id,c	id,c	id,c	
	Boscombe Down	1000.8	-2	SSE	4	q/r	50	97	6	5	-	10	10	800	999.6	-4	SSE	4	q/r	49	97	5	6	2	-	9	10	220	1	*	to,c	to,c	to,c	to,c	
	Calshot (Soton.)	1001.8	-6	SSW	5	c	51	85	7	5	7	9	9	1500	1000.9	-2	SSW	4	c	47	97	7	9	-	3	7-8	7-8	800	1	3	cmo	cmo	cmo	cmo	
	Lymington	1005.5	-2	S.W.	4	cf	45	97	3	5	-	10	10	1500	1004.0	-2	S.W.	4	c	45	97	7	8	-	-	9	9	2500	1	3	cmo	cmo	cmo	cmo	
	Manston	1004.1	-6	S.W.	5	c	50	92	7	5	-	10	10	800	1003.3	+2	SSW	4	zo	50	95	6	5	7	-	4-6	7-8	1500	1	*	cmo	cmo	cmo	cmo	
2	Shoeburyness ...	1003.7	-4	S	3	c	49	92	5	7	7	4-6	9	1500	1003.0	-4	S.W.	3	c	47	92	7	4	-	-	7-8	7-8	2500	1	*	id,c	id,c	id,c	id,c	
	Felixstowe ...	1003.8	-4	S	3	zo	44	97	5	5	1	7-8	9	1500	1002.0	-6	SSW	4	zo	43	97	6	5	2	-	9	9	1500	1	1	cmo	cmo	cmo	cmo	
	Gorleston ...	1003.3	-4	S.W.	4	c	48	97	5	5	-	9	9	1500	1002.1	-2	S.W.	4	c	49	92	6	5	3	-	4-6	9	1500	1	2	cmo	cmo	cmo	cmo	
	Mildenhall ...	1001.4	-2	SSW	4	q/pr	54	85	6	7	3	4-6	9	1500	1000.2	0	S.W.	4	q/r	52	85	6	5	-	-	10	10	2500	1	*	cmo	cmo	cmo	cmo	
	Cranwell ...	999.3	-8	S.W.	5	c	55	75	7	5	-	9	9	800	999.0	+2	SSW	3	q/pr	50	97	6	5	2	-	7-8	10	1500	1	*	cmo	cmo	cmo	cmo	
3	Birmingham	999.3	-2	SSW	3	c	53	75	8	5	-	9	9	1500	999.9	-4	S	3	c	51	85	8	5	-	-	9	9	1500	1	*	cmo	cmo	cmo	cmo	
	Upper Heyford	1000.7	-6	SSE	4	id	51	92	7	6	-	10	10	800	999.6	-2	SSE	4	c	50	92	7	6	-	-	9	9	800	1	*	cmo	cmo	cmo	cmo	
4	Ross-on-Wye ...	998.5	-4	S	3	c	53	85	7	6	-	10	10	1500	997.4	-2	S	4	bc	51	85	7	5	-	-	4-6	4-6	1500	1	*	cmo	cmo	cmo	cmo	
5	Hartland Point	995.7	-2	SW	4	c	53	85	7	8	6	4-6	7-8	1500	994.0	-6	NNE	4	q/r	51	92	7	8	2	-	4-6	9	1500	1	3	id,c	id,c	id,c	id,c	
	Bristol ...	999.1	-6	S.W.	4	c/r	53	92	8	5	7	7-8	9	1500	997.9	-2	S	4	c	51	85	8	9	7	-	7-8	7-8	1500	1	*	cmo	cmo	cmo	cmo	
	Portland Bill ...	1000.6	-6	S	4	q/r	47	92	7	5	7	4-6	10	2500	999.6	-2	S	4	o	46	92	7	5	2	-	7-8	10	1500	1	4	cmo	cmo	cmo	cmo	
	Plymouth ...	998.5	-4	S	5	zo	51	92	6	5	-	10	10	1500	997.2	-6	S	6	zo	50	92	6	5	-	-	10	10	800	1	4	cmo	cmo	cmo	cmo	
	The Lizard ...	996.9	-6	S	5	bc	51	92	7	8	6	4-6	4-6	2500	994.8	-12	S	6	c	50	92	6	8	2	-	9	10	1500	1	4	cmo	cmo	cmo	cmo	
	Scilly (St. Mary's)	993.4	-12	S	6	bc	54	85	7	5	4	2-3	4-6	1500	992.5	+2	SSW	5	bc	50	92	5	5	-	-	10	10	1500	1	4	cmo	cmo	cmo	cmo	
	Guernsey ...	1001.6	-4	SSW	3	ir	51	92	7	8	2	7-8	10	1500	1000.7	+4	SSW	3	bc	51	85	7	8	7	-	4-6	4-6	2500	1	4	cmo	cmo	cmo	cmo	
6	Pembroke ...	995.1	-2	S.W.	5	c	48	92	6	8	7	7-8	9	1500	993.1	-6	S	5	c	47	92	6	5	-	-	9	9	1500	1	3	cmo	cmo	cmo	cmo	
7	Holyhead ...	994.4	-2	SSE	4	c	50	92	7	5	7	9	9	450	993.2	-4	SSE	4	q/pr	49	85	7	5	-	-	9	9	800	1	2	cmo	cmo	cmo	cmo	
	Chester (Sealand)	996.4	-2	SSE	3	zo	55	85	6	5	7	4-6	9	1500	995.8	+2	SSE	2	zo	52	85	6	8	-	-	7-8	7-8	2500	1	*	cmo	cmo	cmo	cmo	
8	Manchester ...	997.1	-2	S	3	c	55	75	7	8	3	9	10	1500	996.2	0	S	3	pr	53	85	5	5	-	-	9	9	2500	1	*	cmo	cmo	cmo	cmo	
10	Spurn Head ...	998.6	-2	SSW	5	c	50	85	6	4	6	7-8	9	4000	998.3	+2	S.W.	4	c	47	92	6	5	-	-	10	10	2500	0	2	cmo	cmo	cmo	cmo	
	Catterick ...	996.2	-2	SW	3	zo	54	85	6	7	3	9	4-6	7-8	2500	995.9	+2	S.W.	1	zo	51	85	5	5	-	-	7-8	7-8	2500	1	1	cmo	cmo	cmo	cmo
	Tynemouth ...	995.9	0	SW	3	zo	52	85	4	8	-	9	9	2500	995.8	+6	S	3	c	53	75	6	8	-	-	9	9	2500	1	1	cmo	cmo	cmo	cmo	
11	St. Abbs Head	992.6	-2	SSW	4	c	49	92	8	8	2	7-8	10	2500	994.2	+4	SW	3	c	48	92	7	4	6	9	4-6	7-8	2500	0	3	cmo	cmo	cmo	cmo	
	Leuchars ...	992.2	-2	SW	3	c	52	85	7	5	-	10	10	1500	993.4	+10	W	2	q/d	49	92	6	5	2	-	7-8	10	1500	1	*	cmo	cmo	cmo	cmo	
	Renfrew (Abbots L.)	993.6	-2	WSW	3	to	49	55	4	5	-	10	10	800	993.6	+4	NW	1	zo	49	92	6	5	7	-	9	10	1500	1	*	cmo	cmo	cmo	cmo	
	Eskdalemuir ...	994.4	+6	SSW	4	ft	45	97	1	-	2	10	10	450	994.8	+6	S.W.	3	dd	46	97	4	-	2	-	10	10	1500	1	*	cmo	cmo	cmo	cmo	
	Point of Ayre ...	994.5	+4	SW	4	c/s	52	92	7	8	-	9	9	800	993.9	0	S.W.	3	c	47	97	7	8	-	6	9	9	1500	0	2	cmo	cmo	cmo	cmo	
13A	Tiree ...	991.4	+12	N.E.	3	dd	45	97	6	-	2	10	10	800	993.6	+12	NNE	4	c	43	85	7	5	-	-	9	9	1500	1	4	cmo	cmo	cmo	cmo	
13B	Stornoway ...	993.4	+30	N	6	pr	42	85	7	8	7	7	9	1500	998.6	+30	NNE	6	q/pr	38	85	7	8	7	-	9	9	2500	1	3	cmo	cmo	cmo	cmo	
15	Dalwhinnie ...	*	+6	SW	3	c	49	92	6	4	1	4-6	10	1500	*	+24	N	3	ir	38	92	6	6	1	-	4-6	10	1500	4	*	cmo	cmo	cmo	cmo	
	Aberdeen ...	991.5	-2	SW	2	bc	53	85	6	5	4	9	2-3	4-6	1500	995.6	+38	NW	3	pr	44	85	7	9	2	-	9	10	1500	1	1	cmo	cmo	cmo	cmo
	Wick ...	998.9	+12	WNW	4	c	46	97	7	5	7	8	7	1500	995.6	+20	N	5	q/pr	40	92	7	5	7	-	7-8	9	1500	1	2	cmo	cmo	cmo	cmo	
16	Lerwick ...	994.2	-2	SW	6	q/r	45	97	6	5	2	4-6	10	450	993.3	-40	NE	6	q/r	38	85	7	8	2	-	4-6	7-8	1500	1	*	cmo	cmo	cmo	cmo	
17	Blackod Point...	989.9	+4	SE	1	c	51	92	7	8	-	10	10	220	990.4	+8	N	3	c	49	97	7	8	-	-	10	10	220	1	4	id,c	id,c	id,c	id,c	
18	Malin Head ...	990.7	+8	SE	1	to	51	92	6	6	-	9	9	1500	991.6	+4	NE	3	rf	46	92	3	5	-	-	9	9	800	1	1	cmo	cmo	cmo	cmo	
	Aldergrove ...	991.8	+4	S.W.	2	c	54	75	7	5	-	10	10	1500	991.8	+6	SE'S	2	zo	49	85	6	5	-	2	4-6	7-8	2500	1	*	cmo	cmo	cmo	cmo	
19	Birr Castle ...	990.4	-2	S	2	q/pr	55	75	7	3	7																								

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 28th February, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th February, 1940.
1 S.E. England	Wind southwest veering towards north to-morrow, fresh at times. Squally showers of rain or hail, but some bright intervals. Becoming cooler.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Wind northerly fresh or strong moderating. Squally showers of hail or rain, but some bright intervals. Rather cold.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind north fresh or strong moderating. Showers of sleet or snow, but bright intervals. Cold with frost at night.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

As 6 - 9.

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

GENERAL INFERENCE.

A depression centred over North Wales will move slowly eastwards and fill up. Colder northerly winds will spread over the country temporarily with some snow in Scotland and perhaps Northeast England and showery weather in all parts.

FURTHER OUTLOOK.

A short bright rather cold period followed by a renewal of mild unsettled conditions.

Gale Warning.

Warning of north gale issued at 0300 on 28/2/40 in districts 17, 18, 19 and 20

Forecasts issued at 1100 G.M.T.

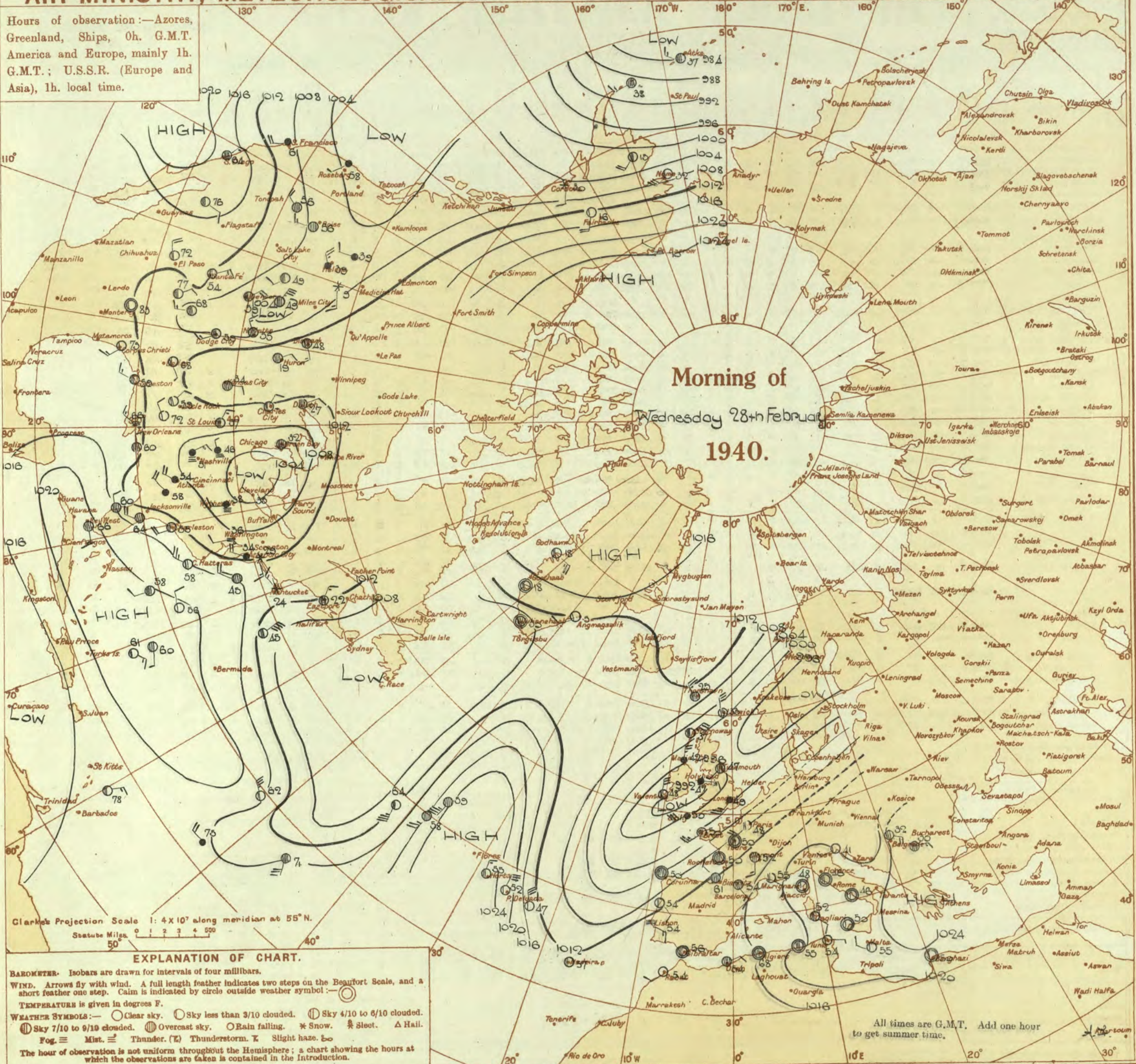
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

2475/3827 Ms. 3109. D. 4426 2p. 2475/3827 2/40

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Wednesday 28th February 1940.
No. 28587

OBSERVATIONS at 1 hr. G.M.T. 28th February														OBSERVATIONS at 7 hr. G.M.T. 28th February														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sunshine Hrs.	
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Form.	Amount.	Height of Base (feet).	Max. Day 7h-18h °F.			Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.			
																																			0-12		0-12
1	London (Kew) ... 18	18	30.07	-10	SSW	5	10.0	49	92	5	7-8	10	800	1000.2	+2	SSW	4	10.0	48	92	6	5	-	-	10	10	1500	1	54	48	46	3	3	1.2			
	Croydon ... 217	217	30.07	-8	SSW	5	10.0	49	97	6	2	-	7-8	10	800	1000.2	+2	SSW	5	10.0	48	97	6	6	-	10	10	1500	1	54	47	46	2	5	0.6		
	S. Farnborough ... 226	226	30.07	-8	SSW	5	10.0	49	97	6	2	-	10	10	800	1000.2	+2	SSW	5	10.0	48	97	6	6	-	10	10	1500	1	55	47	46	3	2	0.7		
	Boscombe Down ... 417	417	30.07	-6	SE	5	10.0	49	97	5	2	-	9-10	10	450	308.5	-2	S	4	10.0	48	97	5	6	-	10	10	220	1	51	46	45	5	2	0.6		
	Calshot (Stmnt.) ... 8	8	30.07	-2	SSW	5	10.0	46	97	6	2	-	4-6	10	220	1003.0	+2	SW	5	10.0	45	97	6	5	-	9-10	10	1500	1	52	45	45	0.5	1	0.0		
	Lympe ... 346	346	30.07	-2	SSW	5	10.0	46	97	6	2	-	4-6	10	220	1003.0	+2	SW	5	10.0	45	97	6	5	-	9-10	10	1500	1	52	45	45	0.5	1	0.0		
	Manston ... 154	154	30.07	-2	SSW	5	10.0	49	85	5	6	-	10	10	800	1002.8	+6	SSW	5	10.0	48	92	6	6	-	10	10	220	1	52	46	44	0.4	0.3			
2	Shoeburyness ... 11	11	30.07	-8	SE	4	10.0	42	97	6	7	-	0	0	0	1002.3	+4	SSW	4	10.0	46	92	8	5	-	9-10	10	1500	1	51	44	37	0.5	2	0.6		
	Felixstowe ... 15	15	30.07	-8	SE	4	10.0	42	97	6	7	-	0	0	0	1001.5	+2	SW	5	10.0	47	92	6	5	-	10	10	450	1	54	41	39	0.5	2	0.8		
	Gorleston ... 5	5	30.07	-2	SW	3	10.0	41	85	6	3	-	4-6	0	2500	1000.4	+2	SSW	4	10.0	47	92	6	5	-	9-10	10	2500	1	56	40	38	0.1	0.6	0.6		
	Mildenhall ... 19	19	30.07	-14	SE	3	10.0	50	92	6	3	-	9-10	0	4000	999.0	+6	SSW	4	10.0	50	85	8	5	-	9-10	0	2500	1	56	47	44	0.2	0.5	0.5		
	Cranwell ... 240	240	30.07	-8	S	2	10.0	43	97	6	3	-	9-10	0	4000	996.0	+2	SSW	3	10.0	48	97	5	5	-	10	10	2500	1	56	43	41	0.2	2	1.2		
3	Birmingham ... 535	535	30.07	-6	SSW	4	10.0	47	97	6	6	-	10	10	800	995.0	-2	S	5	10.0	49	92	6	6	-	10	10	1500	1	54	47	45	0.3	1	0.9		
	Upper Heyford ... 408	408	30.07	-6	SSW	4	10.0	47	97	6	6	-	10	10	800	997.8	-2	S	5	10.0	48	92	7	5	-	10	10	1500	1	52	46	43	1	0.5	*		
4	Ross-on-Wye ... 223	223	30.07	-6	SSW	4	10.0	47	97	6	6	-	10	10	800	995.1	-6	SSW	5	10.0	49	92	6	6	-	10	10	1500	1	54	48	45	0.6	3	0.2		
5	Hartland Point ... 299	299	30.07	0	SW	4	10.0	49	97	7	6	2	-	4-6	10	1500	995.2	+26	SW	6	10.0	47	97	3	-	-	10	10	1500	1	54	47	46	0.3	1	2.1	
	Bristol ... 209	209	30.07	-6	S	4	10.0	50	92	6	5	2	-	7-8	10	1500	996.6	+2	SSW	5	10.0	50	85	7	6	-	10	10	1500	1	53	48	47	0.5	1	1.3	
	Portland Bill ... 32	32	30.07	-12	SW	5	10.0	47	92	7	5	-	10	10	2500	999.1	+2	SW	5	10.0	47	92	7	3	-	10	10	1500	1	48	43	43	0.5	1	1.3		
	Plymouth ... 82	82	30.07	+6	SW	6	10.0	49	92	6	5	-	10	10	1500	998.8	+14	SW	6	10.0	49	92	6	5	-	10	10	800	1	52	49	48	0.5	1	1.3		
	The Lizard ... 240	240	30.07	+10	SSW	6	10.0	49	97	6	8	2	-	7-8	10	1500	999.4	+18	SW	5	10.0	48	97	5	5	-	10	10	1500	1	53	47	47	0.4	1	4.0	
	Scilly (St. Mary's) ... 163	163	30.07	+12	SSW	6	10.0	50	97	6	5	2	-	9-10	10	1500	999.2	+6	SSW	5	10.0	49	97	5	5	-	10	10	1500	1	54	48	48	0.4	1	2.8	
	Guernsey ... 175	175	30.07	+8	SW	4	10.0	48	97	6	5	-	9-10	0	4000	1002.0	+8	SW	4	10.0	49	92	7	5	-	9	10	1500	1	54	48	46	0.3	2	2.4		
6	Pembroke ... 142	142	30.07	-6	SW	4	10.0	47	97	6	5	-	10	10	800	997.3	+2	SW	5	10.0	46	97	7	5	-	9	10	800	1	51	44	44	0.5	12	0.0		
7	Holyhead ... 26	26	30.07	-10	SE	3	10.0	47	97	6	5	2	-	9-10	10	800	992.0	+8	NNE	1	10.0	46	97	7	5	-	9-10	10	800	1	56	47	42	0.5	4	1.1	
8	Chester (Sealand) ... 16	16	30.07	-10	SE	2	10.0	49	85	4	5	-	10	10	800	993.7	-2	SE	2	10.0	49	92	5	5	-	7-8	10	800	1	58	48	45	0.3	6	1.1		
10	Spurn Head ... 29	29	30.07	0	SW	3	10.0	43	97	7	4	4	-	4-6	7-8	2500	996.6	-2	SE	3	10.0	40	97	3	5	-	10	10	450	1	54	40	37	0.1	1	0.0	
	Catterick ... 175	175	30.07	+2	SSW	1	10.0	45	97	2	-	-	10	10	1500	997.2	+10	NNE	4	10.0	41	97	3	-	-	10	10	1500	1	55	41	37	0.1	4	2.0		
	Tynemouth ... 108	108	30.07	0	SW	1	10.0	47	97	4	5	-	10	10	1500	999.8	+12	NNE	4	10.0	42	97	6	5	-	10	10	1500	1	55	41	37	0.1	3	2.0		
11	St. Abbs Head ... 280	280	30.07	+8	NNE	4	10.0	39	97	6	8	2	-	7-8	10	1500	1001.3	+18	NNE	4	10.0	39	97	7	8	-	7-8	10	1500	1	53	36	35	0.1	5	1.9	
	Leuchars ... 36	36	30.07	+16	NE	2	10.0	39	85	6	5	-	10	10	1500	1003.4	+26	N	3	10.0	37	92	6	5	-	7-8	10	1500	1	51	38	37	0.1	5	0.0		
12	Renfrew (Abbots I.) ... 19	19	30.07	+22	ENE	4	10.0	40	92	4	5	-	10	10	1500	1002.3	+24	E/N	3	10.0	38	92	6	5	-	7-8	10	1500	1	47	36	36	0.1	3	0.0		
	Eskdalemuir ... 794	794	30.07	0	SE	3	10.0	41	97	5	-	2	-	10	10	1500	997.6	+12	NNE	6	10.0	37	92	6	5	-	10	10	1500	1	57	41	36	0.1	3	1.7	
	Point of Ayre ... 30	30	30.07	0	SE	3	10.0	41	97	5	-	2	-	10	10	1500	997.6	+12	NNE	6	10.0	37	92	6	5	-	10	10	1500	1	57	41	36	0.1	3	1.7	
13A	Tiree ... 22	22	30.07	+28	NNE	7	10.0	37	85	7	5	2	-	7-8	10	1500	1009.5	+30	NNE	6	10.0	35	85	8	5	-	4-6	9-10	2500	1	45	35	27	0.5	1	0.9	
13B	Stornoway ... 80	80	30.07	+28	NNE	7	10.0	37	85	7	5	2	-	7-8	10	1500	1009.5	+30	NNE	6	10.0	35	85	8	5	-											

THE DAILY WEATHER REPORT

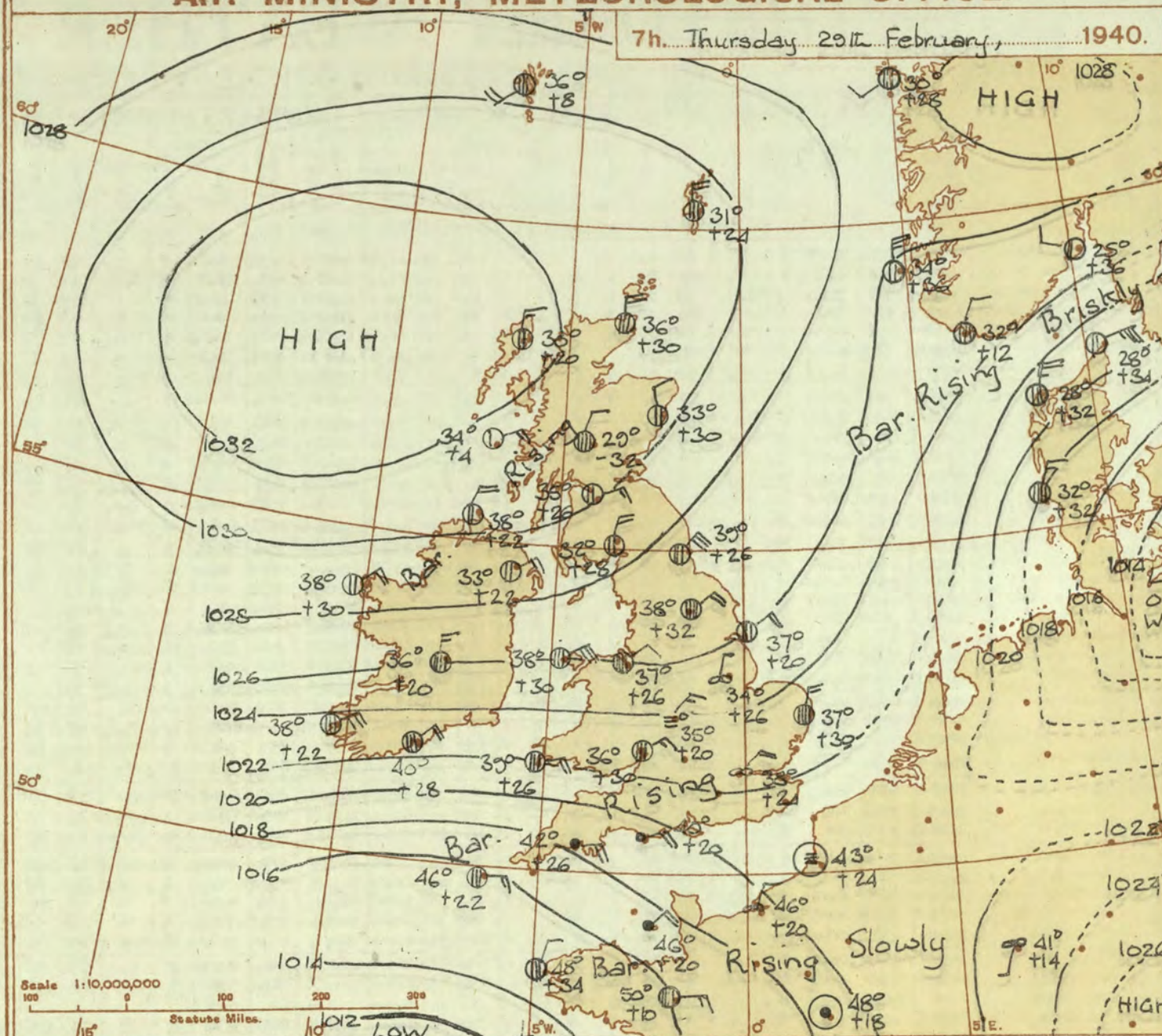
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 29th February 1940.
No. 28528.

OBSERVATIONS at 13h. G.M.T. 28th February														OBSERVATIONS at 18h. G.M.T. 28th February														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Weather.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				Dir.	Force.					Form.	Amount.	Height of Base (feet)	Dir.			Force.	Form.					Amount.	Height of Base (feet)	Dir.	Force.			Form.	Amount.					Height of Base (feet)	Dir.	Force.	Form.	Amount.	Height of Base (feet)	Dir.	Force.	Form.	Amount.	Height of Base (feet)	Dir.	Force.	Form.	Amount.	Height of Base (feet)	7h.—13h. 28th	13h.—18h. 28th	18h.—24h. 29th	1h.—7h. 29th																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1	London (Kew)...	1003.2	+20	SW'S	5	c	50	86	7	5	-	10	10	1500	1007.9	+32	SW	4	zo	49	92	6	5	-	10	10	1500	1	*	cmidc	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	cmo	

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 29th February, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th February, 1940
1 S.E. England	Moderate northeast wind; mainly cloudy, slight wintry showers near the East coast; rather cold, slight frost locally at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh east wind, decreasing; occasional rain at first, bright intervals later; rather cold, frost locally at night.
6 South Wales ...	
7 North Wales ...	Moderate northeast wind; bright intervals; rather cold, frost at night.
8 N.W. England	
9 N. Midlands ...	Moderate northeast wind; bright intervals; slight wintry showers locally; rather cold, frost at night.
10 N.E. England	
11 S.E. Scotland	Light variable wind; fair; rather cold, sharp frost at night.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 6 - 8.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A large anticyclone centred off Northwest Scotland is moving slowly southeast while pressure is relatively low over the Bay of Biscay. Weather will be mainly fair in the North and West but in the East and Southeast it will be cloudy with slight wintry showers near the East coast.

FURTHER OUTLOOK.

Mainly fair but considerable cloud in the East and Southeast.

Forecasts issued at 1030. G.M.T.

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

N.W.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

Thursday... 29th... February..... 1940.
No... 28588...

OBSERVATIONS at 1 hr. G.M.T. 29th February															OBSERVATIONS at 7 hr. G.M.T. 29th February															PAST 24 HOURS.								
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 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	TEMPERATURE.			RAINFALL.		SUNSHINE 24 Hrs.		
					Direc.	Force. 0-12					Form.	Amount. 0-10	Height of Base. (feet)	Direc.	Force. 0-12			Form.	Amount. 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.							
																																Low.	Med.	High	Low		Total	Low
1	London (Kew) ...	18		*	*	*	*	*	*	*	*	*	*	1022.6	+24	NE	4	c	38	75	6	5	-	-	10	10	1500	1	*	50	37	37	Tr	.	0.0			
	Croydon ...	217	1016.4	+38	N'E	2	id.	41	92	5	5	-	10	10	450	1022.1	+26	NE	4	z	37	97	6	6	-	10	10	800	1	*	50	36	36	0.4	Tr	0.0		
	S. Farnborough ...	226	1016.9	+40	NNE	3	id.	42	97	6	5	-	10	10	800	1022.5	+28	NE	4	z	37	92	6	5	-	10	10	800	1	*	50	37	37	0.1	Tr	0.0		
	Boscombe Down ...	417	1016.5	+36	NE	2	z	41	97	6	5	-	9	9	1500	1021.8	+26	NE'E	3	c	37	92	7	5	-	10	10	450	1	*	51	36	36	0.1	Tr	0.0		
	Calshot (Stmntn.) ...	8	1016.1	+32	SSL	1	z	44	97	6	5	-	10	10	1500	1020.6	+26	NE	2	c	39	92	7	5	-	10	10	800	1	2	49	39	39	0.3	Tr	0.2		
	Lympe ...	346	1016.7	+26	w	2	c	45	97	8	5	-	10	10	1500	1021.5	+34	N'E	5	c	36	85	7	5	-	4.6	9	800	1	4	48	36	35	0.2	Tr	0.0		
	Manston ...	154	1016.3	+34	NW'N	3	z	43	92	6	5	-	10	10	450	1022.3	+26	NE'N	4	z	37	85	6	5	-	10	10	800	1	*	51	36	36	Tr	Tr	0.3		
2	Shoeburyness ...	11		*	*	*	*	*	*	*	*	*	*	1022.7	+24	NNE	4	c	38	85	8	5	-	-	10	10	2500	1	*	52	37	37	-	Tr	0.3			
	Felixstowe ...	15	1016.0	+42	N'E	4	c	39	92	7	5	-	10	10	800	1022.1	+26	NNE	4	c	37	85	8	5	-	9	9	4000	1	2	47	37	36	Tr	Tr	0.3		
	Gorleston ...	5	1015.8	+54	N'E	5	c	39	85	8	6	-	10	10	1500	1022.8	+30	N'E	3	c	37	85	7	5	-	10	10	2500	0	2	52	36	34	-	-	0.7		
	Mildenhall ...	19	1018.2	+54	NNE	4	c/r	37	92	6	5	-	10	10	1500	1023.7	+22	N'E	2	c	36	85	7	5	2	-	7.8	10	4000	1	*	53	36	35	0.4	2	0.0	
	Cranwell ...	240	1019.5	+40	NE	2	so so	33	97	5	6	-	10	10	800	1024.8	+26	NNE	1	z	34	97	6	5	-	10	10	1500	1	*	50	33	32	8	4	0.0		
3	Birmingham ...	535		*	*	*	*	*	*	*	*	*	*	1024.0	+20	NE	3	m	35	92	4	6	-	-	10	10	800	1	*	51	33	33	9	2	0.0			
	Upper Heyford ...	408	1017.8	+34	NE	4	dod.	36	92	6	6	-	10	10	800	1023.0	+26	ENE	4	c	35	92	7	5	7	-	7.8	10	1500	1	*	52	34	33	Tr	1	*	
4	Ross-on-Wye ...	223		*	*	*	*	*	*	*	*	*	*	1023.4	+30	NE'E	3	c	36	85	7	6	-	-	10	10	1500	1	*	53	36	35	0.2	1	0.1			
5	Hartland Point ...	209	1014.6	+34	SSE	3	c	46	85	8	8	-	9	9	2500	1018.8	+26	ENE	4	c	39	85	8	5	2	-	9	10	1500	1	3	47	39	38	1	-	0.0	
	Bristol ...	209	1017.5	+38	NE	3	z	40	92	6	5	-	10	10	800	1023.1	+34	ENE	4	c	37	85	7	5	-	10	10	1500	1	*	53	37	36	Tr	1	1.1		
	Portland Bill ...	32	1015.3	+30	S	3	c	45	92	7	5	-	7.8	7.8	4000	1018.9	+20	ENE	4	rr	40	92	7	5	-	10	10	4000	1	4	47	38	*	1	1	*		
	Plymouth ...	82	1014.7	+28	NE	1	z	45	92	6	5	-	7.8	7.8	2500	1018.6	+26	E'N	3	rr	42	97	6	-	2	-	10	10	1500	1	2	50	42	38	0.5	2	0.7	
	The Lizard ...	240	1013.4	+26	-	0	c	45	97	7	8	2	-	7.8	9	1500	1016.0	+16	NE	4	Gr	46	97	6	5	-	10	10	1500	1	3	51	44	*	Tr	1	2.1	
	Scilly (St.Mary's) ...	163	1012.8	+12	-	0	bc	44	92	8	5	-	4.6	4.6	2500	1015.7	+22	E	3	c	46	97	8	8	2	-	7.8	10	1500	1	1	51	42	*	0.4	-	1.6	
	Guernsey ...	175	1014.8	+20	-	0	bc	46	92	7	8	-	4.6	4.6	2500	1017.0	+20	NE	4	pr	46	97	7	8	-	10	10	1500	1	3	53	44	38	0.3	0.5	1.9		
6	Pembroke ...	142	1014.3	+26	E'S	5	dd	43	97	5	5	-	10	10	800	1021.8	+26	E'S	4	c	39	92	7	5	2	-	9	10	1500	1	2	47	38	*	1	1	0.0	
7	Holyhead ...	26	1020.1	+38	NE'E	6	Gr	37	92	6	2	-	7.8	10	800	1025.8	+30	NE'E	6	c	38	85	8	6	-	9	9	1500	1	4	47	36	39	6	3	0.0		
	Chester(Sealand) ...	16	1021.0	+40	NE	2	Gr	37	85	4	5	-	10	10	800	1026.1	+26	NE	2	c/r	37	85	5	5	-	10	10	2500	1	*	52	36	35	2	4	0.0		
8	Manchester ...	70	1021.0	+34	NE	3	rr	37	92	6	6	2	-	7.8	10	1500	1025.9	+28	NNE	2	z	37	75	5	-	3	1	0	9	-	1	51	35	34	4	3	0.0	
10	Spurn Head ...	29	1019.1	+34	NE	4	rr	36	92	7	5	-	10	10	2500	1024.5	+20	NE	4	c	37	85	6	5	-	9	9	2500	1	4	47	35	*	3	2	0.0		
	Catterick ...	175	1021.4	+40	NE'N	3	c/r	36	85	6	6	2	-	2.3	10	800	1027.3	+32	NE	4	c	38	65	7	5	-	10	10	2500	1	*	42	34	33	10	1	0.0	
	Tynemouth ...	108	1021.7	+32	NE	6	c	39	75	6	6	-	10	10	1500	1027.2	+26	NE	6	c	39	75	8	9	-	9	9	2500	1	3	44	38	36	7	0.5	*		
11	St. Abbs Head ...	280	1023.0	+28	NNE	4	c	38	65	8	8	6	-	7.8	9	2500	1028.7	+32	NE	4	c	38	65	8	4	6	-	4.6	7.8	2500	0	4	50	36	*	1	Tr	*
	Leuchars ...	36	1022.4	+30	N	2	bc	34	75	8	5	-	2.3	2.3	4000	1030.7	+34	NW	2	c/pl	34	75	7	8	3	-	7.8	7.8	2500	1	*	38	32	26	0.5	Tr	0.0	
12	Renfrew (Abbots I.) ...	19	1025.2	+30	N'E	2	b	34	65	8	-	-	0	0	-	1030.7	+26	ENE	3	bc	35	75	8	5	-	2.3	2.3	4000	1	*	39	33	27	2	-	0.3		
	Eskdalemuir ...	794		*	*	*	*	*	*	*	*	*	*	1029.1	+28	N'E	4	bc	32	75	8	5	-	-	4.6	4.6	1500	3	*	38	31	29	0.5	Tr	0.0			
	Point of Ayre ...	30	1021.9	+26	GNE	5	c	38	85	8	4	4	-	4.6	9	1400	1027.4	+24	EN	5	bc	38	75	8	2	4	-	Tr	2.3	2500	0	3	43	37	*	Tr	0.0	
13A	Tiree ...	22		*	*	*	*	*	*	*	*	*	*	1031.9	+26	ENE	3	b	34	75	8	5	-	-	1	1	4000	3	2	40	33	*	0.3	-	1.8			
13B	Stornoway ...	80	1028.4	+26	N	3	c	35	75	7	5	7	-	7.8	9	2500	1032.9	+20	N	3	bc	30	85	8	5	3	-	2.3	4.6	2500	1	2	39	30	*	0.2	Tr	1.9
15	Dalwhinnie ...	1176		*	*	*	*	*	*	*	*	*	*	1031.7	-32	N	2	c	29	97	7	5	-	-	10	10	1500	8	*		26	23	*	Tr	0.0			
	Aberdeen ...	79		*	*	*	*	*	*	*	*	*	*	1031.2	+30	NW	2	bc	33	85	8	5	-	-	2.3	2.3	2500	3	2	37	32	27	0.6	0.1	0.0			
	Wick ...	81	1026.0	+26	N	4	bc/pl	36	92	7	8	7	-	2.3	2.3	1500	1031.9	+30	N	4	c	36	85	8	5	7	-	4.6	9	2500	1	2	41	33	*	0.2	0.1	*
16	Lerwick ...	156	1026.4	+28	N	4	c	33	75	8	7	-	4.6	7.8	1500	1030.8	+24	N	4	c	31	75	8	8	3	-	4.6	7.8	2500	3	*	37	30	*	0.4	-	6.4	
17	Blacksod Point ...	18	1024.3	+32	ESE	6	c	41	65	7	9	-	7.8	7.8	800	1029.1	+30	NE	4	bc	38	65	8	-	4	-	0	4.6	-	0	4	44	37	*	1	-	*	
18	Malin Head ...	84	1025.5	+32	N'E	4	bc	38	65	8	4	-	4.6	4.6	5700	1030.0	+22	NNE	4	bc	38	65	8	4	-	2.3	2.3	5700	0	3	41	32	*	3	-	0.0		
	Aldergrove ...	268	1023.5	+28	NE	4	c	36	65	7	5	-	7.8	7.8	4000	1028.7	+22	NE	3	bc	33	85	8	-	3	-	0	4.6	-	1	*	41	32	26	1	Tr	0.0	
19	Birr Castle ...	173	1021.2	+26	NNE	2	c	36	92	7	5	-	10	10	1500	1025.0	+20	N	3	c	36	85	7	5	-	-	10	10	2500	1	*	43	33	32	6	3	0.0	
20	Valentia Obay. ...	30	1019.1	+30	NE	5	c	39	85	8	6	-	10	10	1500	1022.7	+22	NE'E	6	c	38	75	8	5	-	9	9	2500	1	3	45	37	36	7	0.3	0.0		
	Roche Point ...	22	1016.9	+30	N'E	3	rr	41	97	7	6	2	-	7.8	10	1500	1022.0	+28	NE	4	c	40	85	8	5	-	9	9	1500	1	4	48	40	*	7	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.																																					
Height above Sea-level.	Weather			Temperature.			Rainfall.		Sun- shine. to Sunset. hrs.	Humidity.		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 55 yards. 1 Thick fog 220 " 2 Fog 550 " 3 Moderate fog 1,100 " 4 Mist or haze 1½ miles. 5 Poor visibility 24 " 6 Moderate " 6½ " 7 Good " 12½ " 8 Very good " 31 " 9 Excellent " beyond 31m.												
	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 9h.			°F.	°F.		mm.	mm.	Yesterday.	To-day.	24 hrs. ended 7h. G.M.T...29th.																											
SOUTH KENSINGTON.																																					
Max. Time. Min. Time.																																					
Kew Observatory.																																					
Max. Time. Min. Time.																																					
Kew...	18	c m i d o c	c m o	c n o	50	37	37	Tr	-	0.0	.	.	.																								
Croydon...	217	d e d o m o	c i d o m o	m o i d e d d o	50	36	36	0.4	Tr	0.0	.	.	.																								
Greenwich (Royal Observatory)...	149																																				
City (Bunhill Row) ...	—	.	.	.	.	.	.	.	.	0.0	.	.	.																
Westminster (St. James' Park) ...	27	.	.	.	52	37	36	-	-	0.0	87	71	.																								
Regents Pk. (Botanic Gardens)...	168	.	.	.	51	37	35	-	-	0.0	79	81	.																								
Camden Square ...	110	c	b c	.	51	37	36	-	-	.	.	77	.																								
Kensington ...	80	c	c p	.	52	37	.	Tr	Tr	.	87	76	.																								
Hampstead Observatory ...	450	o	c p	o	49	34	33	Tr	.	.	.	85	.																								
FOREIGN OBSERVATIONS.																																					
18h. G.M.T. 25th February.....														7h. G.M.T....29th February.....																							
Past 24 Hours.																																					
STATIONS.																																					
Barom. Wind. Weather. Temp. Barom. Wind. Weather. Temp. Max. Min. Rainfall.																																					
mb. Direc. Force. °F. mb. Direc. Force. °F. °F. Night °F. Day mm. Night mm.																																					
Paris ...														0 1 4 13-18 9 47-54																							
Brussels ...														1 1-3 5 10-24 10 55-63																							
Berlin ...														2 4-7 6 25-31 11 64-75																							
Zürich ...														3 8-12 7 32-38 12 75																							
Rome ...														COLUMNS 30 —Code for State of Sea. 0 Calm. 5 Very rough. 1 Smooth. 6 High. 2 Slight. 7 Very high. 3 Moderate. 8 Precipitous. 4 Rough. 9 Confused.																							
1022.9 SSW 1 bc 55 1022.5 ENE 2 fg 45 . . - -														COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																							

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