

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 :—

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

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

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

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

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

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

THE BEAUFORT SCALE OF WIND FORCE

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

GALE WARNINGS

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

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

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

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

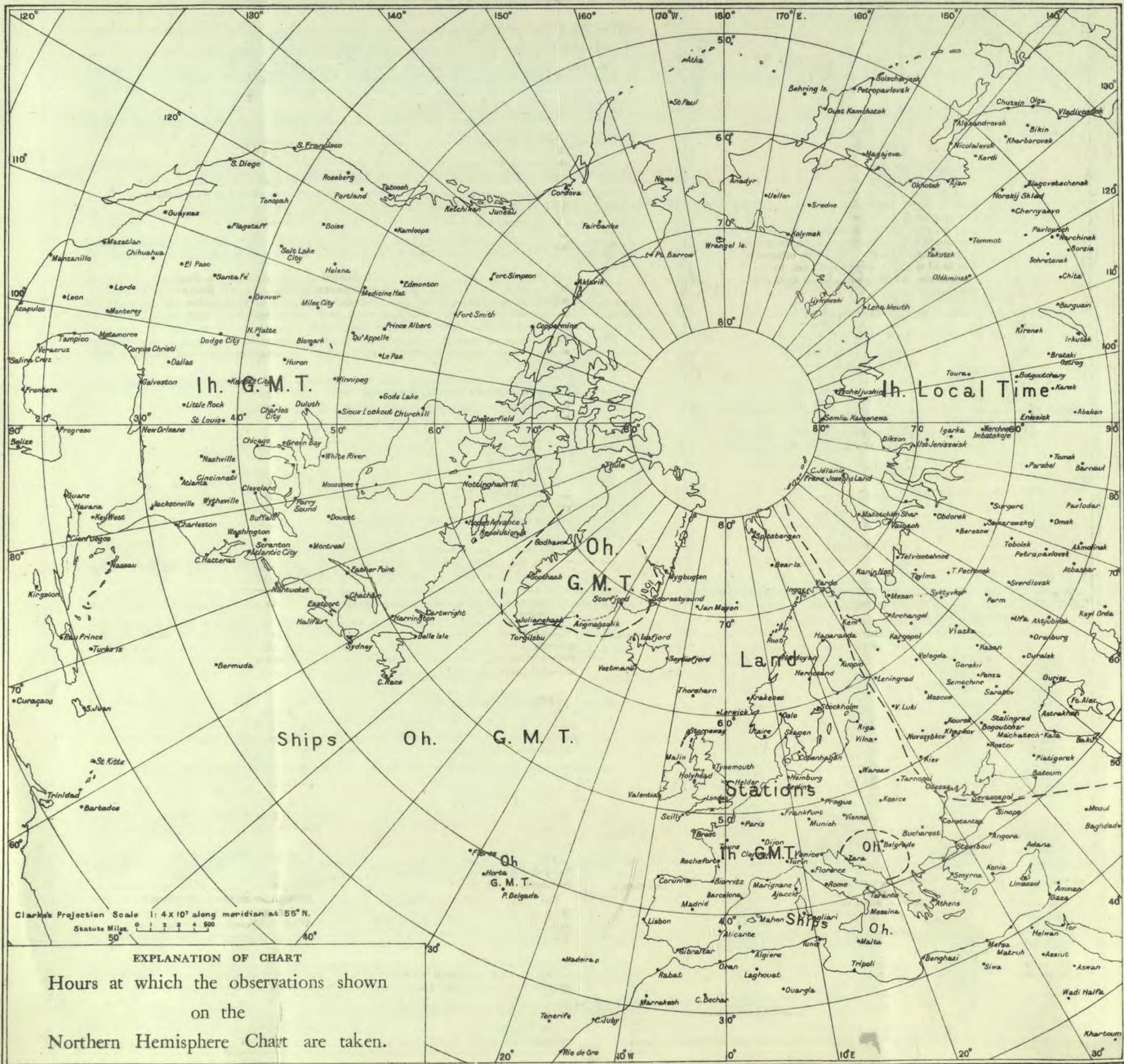
For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

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

▲ North Cone hoisted :

▼ South Cone hoisted :

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



FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



FORECAST DISTRICTS and the Counties comprised within them

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

NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT

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

Stations.—*Kew.*—Temperature readings at Kew are taken in a large louvred 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 ½ inch apart the corresponding speed is 24 m.p.h.

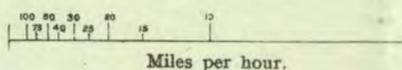
The scale below can be used to determine the theoretical wind as deduced from the pressure distribution on either chart. On the assumption that the path of the air is straight this theoretical wind is called the Geostrophic Wind.

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

GEOSTROPHIC WIND SCALE FOR

8 mb isobars on 1 : 4 × 10⁷ Charts.

or 2 mb " " 1 : 10⁷



This scale applies under the following conditions :—

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

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

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

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

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

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

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

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

MONTHLY SUPPLEMENT, MARCH 1940. No. 279. Page 1.

Dry at first; then unsettled with changeable temperature; wet in the Southeast.

The opening days of March were comparatively dry with cold winds from the north or east and local night frost. On the 5th an anticyclone centred to south of Iceland began to move southeastwards across the British Isles and the resulting fair weather lasted until the 10th in the South. There were sharp night frosts on the night of the 6th.

From the 12th until the end of the month unsettled and sometimes stormy conditions prevailed. On the 12th a depression approached from the southwest giving rain in most districts and snow locally in Scotland. During the 13th wintry conditions spread slowly southwards and a depression moving eastwards over Southern England during the night of the 13th gave sleet or snow over a wide area in the South and Midlands. From the 16th to the 19th very unsettled, mild conditions were prevalent, associated with depressions moving northeast off our Western Seaboard. At Shetland the southerly gale continued unabated for 67 hours. A gust of 79 m.p.h. was recorded at St. Anns Head on the 19th. From the 19th to the 24th relatively mild conditions prevailed, with rain at times but also bright periods. With the approach of a deep depression from the Bay of Biscay on the 25th the milder weather came to an end and on the 26th there was considerable rainfall in the Southeast with cold northeast winds. Cold northerly winds

reaching gale locally became established over the British Isles on the 26th and 27th and wintry showers occurred in many places, particularly in the North and near the East Coast. On the 28th milder conditions with rain spread from the west to Ireland and on the 29th to Great Britain. The month closed stormy and unsettled with southwest gales in the North and west.

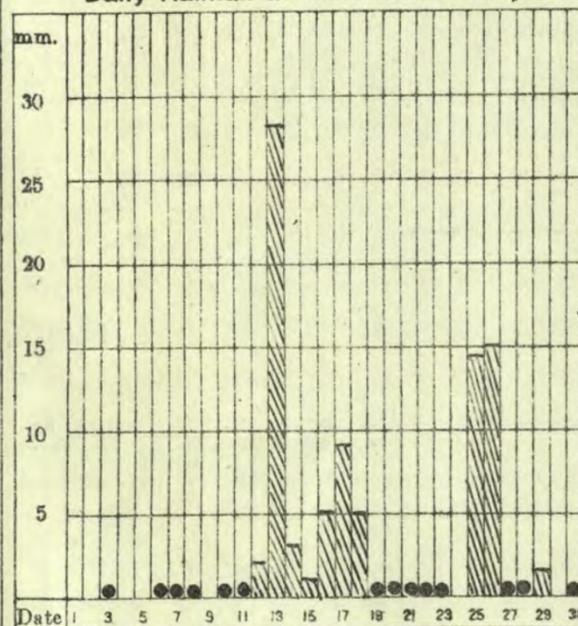
Sunshine was generally about the average but appreciable daily amounts were only recorded infrequently. During the first three days 9 to 10 hours was recorded daily in the South. On the 19th Guernsey recorded 10.7 hours, and on the 28th Ross-on-Wye 11.0 hours, Felixstowe 11.1 hours and Chester 11.4 hours.

Rainfall was mainly above average especially in Southeast England and locally in Northeast Ireland. Aldergrove with 122 mm. and Shoeburyness with 70 mm. had the wettest March since records began.

During the intervals of milder conditions temperature exceeded 60°F locally. Croydon recorded a maximum of 63°F on the 11th and Birr Castle 62°F on the 17th.

Thunderstorms occurred at many places on the 19th.

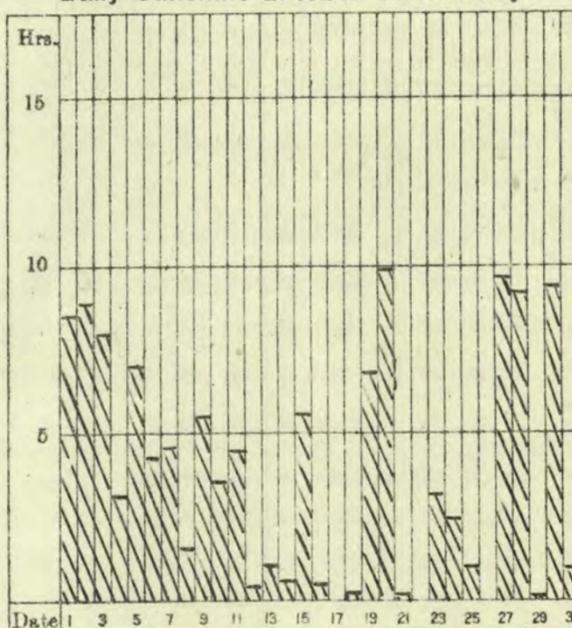
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

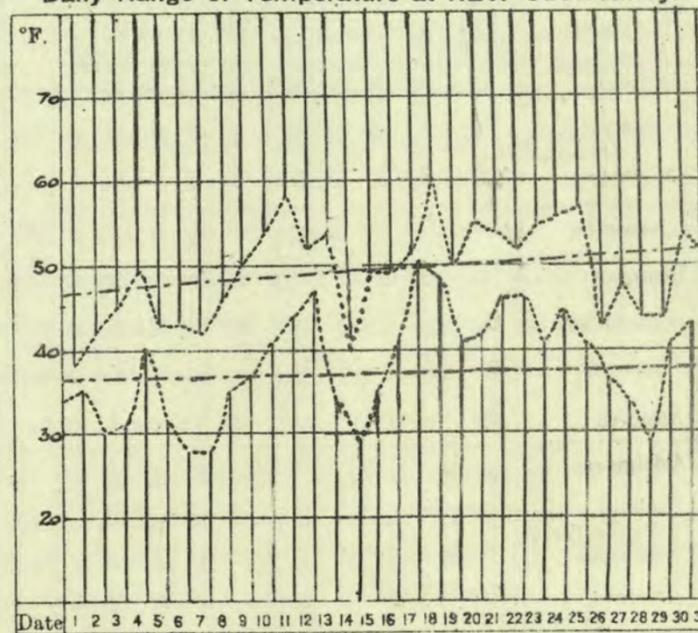
RAINFALL. Total for Month. 86 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 121 hrs.

Daily Range of Temperature at KEW Observatory.



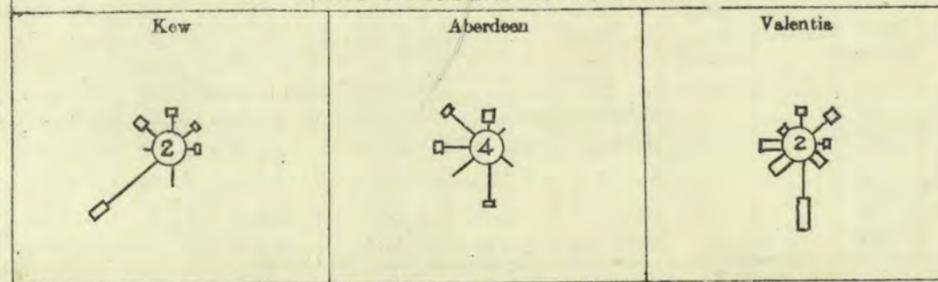
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1013.4	mb. 0.0	°F. 43.7	°F. -0.2
Aberdeen	1008.5	-0.8	41.0	-0.3
Valentia	1011.2	-1.5	47.3	+1.0

*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.



Forces 1-3 — ; forces 4-7 — — ; force 8 or above — — — . Scale: 10mm. to 10 observations.

The figure in the centre of the circle gives the number of calms.

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

	miles.
Kew ...	8,659
Aberdeen ...	6,388
Lerwick ...	16,979
Valentia ...	10,353

SUMMARY OF RECORDS OF TEMPERATURE, LOW CLOUD, VISIBILITY,

DISTRICT.	STATIONS.	TEMPERATURE.												LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.								
		Number of daily readings within fixed limits.						Extremes—Warmest and Coldest.						Number of observations within fixed limits.						Number of observations within fixed limits.								
		Maximum.			Average Maximum.	Minimum.			Average Minimum.	Days.		Nights.		Number of Ground Frosts.	7 h.		13 h.		18 h.		7 h.			13 h.				
		33°-41°	42°-50°	51°-59°		60°-68°	23 or below	24°-32°		33°-41°	42°-50°	51°-59°	Highest Max.		Lowest Max.	Highest Min.	Lowest Min.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.
1	London (Kew Obsy). Croydon Calshot** (Southampton) Lympe	2 15 13 1	50.3	0 7 15 9 0	37.5	60 18 40 14	50 18 28 7	11	0 25 0	0 26 0	0 27 0	0 1 0 3 4	0 0 0 2 11															
2	Shoeburyness... Gorleston... Cranwell...	2 15 14 0	49.7	0 9 15 7 0	35.3	59 11 37 14	49 13 27 3	11	4 11 4	2 18 2	1 15 6	0 0 2 5 10	0 0 0 2 17															
3	Birmingham... (Edgbaston)	3 15 12 1	48.5	0 8 14 8 1	36.1	60 25 40 14	51 18 26 17	13	8 11 0	4 22 0	4 21 0	0 0 2 4 4	0 0 2 1 17															
4	Ross-on-Wye...	0 14 17 0	50.0	1 10 9 10 1	36.4	59 11 43 12	52 18 22 7	15	3 22 0	0 26 0	0 27 0	0 0 1 1 16	0 0 0 0 28															
5	The Lizard...	0 16 15 0	*	0 1 13 17 0	*	55 30 42 1	50 18 32 6	*	3 28 0	2 29 0	2 29 0	0 1 1 1 21	0 2 0 0 26															
7	Holyhead...	1 23 7 0	48.0	0 2 13 16 0	40.3	53 30 41 2	47 18 30 17	6	7 22 2	11 15 0	10 18 1	0 0 0 2 21	0 0 3 1 19															
8	Chester (Sealand)	3 11 15 2	49.7	0 7 16 7 1	35.5	60 18 41 12	51 18 25 17	11	6 18 1	4 22 2	4 23 0	0 1 1 5 11	0 0 0 1 17															
10	Tynemouth...	6 13 12 0	46.9	0 7 15 9 0	37.7	58 31 37 13	47 13 29 28	10	0 31 0	0 31 0	0 31 0	0 0 3 2 6	0 0 0 1 13															
11	Leuchars...	4 14 13 0	47.4	0 9 19 3 0	35.1	55 18,21 37 12	45 11 27 14	12	7 17 3	3 26 0	4 23 2	0 0 2 0 19	0 0 0 0 22															
12	Renfrew...	2 20 9 0	47.9	3 8 10 10 0	34.8	56 18 39 12	47 31 23 14	14	7 19 2	4 25 0	5 20 4	0 0 4 2 17	0 0 3 2 19															
13	Eskdalemuir...	6 23 2 0	45.3	5 9 14 3 0	31.8	56 25 33 13	43 19 16 7	15	16 13 0	15 15 0	13 16 0	0 2 3 1 15	0 3 1 0 17															
13	Stornoway	5 25 1 0	46.5	0 8 17 6 0	36.9	51 18 38 13	45 19 31 28 14	*	2 28 1	0 31 0	2 29 0	0 0 0 0 29	0 0 0 0 29															
15	Aberdeen...	8 17 6 0	46.5	0 8 19 4 0	36.1	56 21 38 12	44 4 26 1	15	6 23 0	6 22 1	4 22 0	0 0 2 1 18	0 0 0 1 16															
18	Aldergrove...	2 19 9 1	*	2 4 16 9 0	*	60 18 39 13	48 18 22 13	15	11 17 0	8 20 0	5 24 0	0 0 0 0 21	0 0 0 0 22															
19	Dublin (Phoenix Park) Birr Castle...	1 11 16 3	49.5	0 8 16 7 0	34.9	61 31 41 13	50 18 28 12	14	* * *	* * *	* * *	* * *	* * *															
20	Valentia (Cahiriveen)	0 10 21 0	50.8	0 2 9 18 2	41.8	57 21 44 1	52 18 29 4	5	9 18 0	4 25 0	6 23 0	0 0 0 0 25	0 0 0 0 27															

UPPER AIR TEMPERATURE.

UPPER WINDS.

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

Pressure. mb.	Normal Height. Feet.	MILDENHALL.				ALDERGROVE.				STATION Height. Metres.	LYMPNE.					PLYMOUTH (Mt. Batten).					HOLYHEAD.					RENFREW.					STATION Height. Metres.			
		Normal Temp. °F.	Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	No. of Obs.		6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	6 to 25	26 to 50		51 to 75	76 to 100	Above 100
950	1730	99.2	39.2	62	39.5	62		500 above ground.	87	15	47	22	3	0	77	20	37	18	2	0	23	6	12	3	2	0	87	34	39	14	0	0	500 above ground.	
850	4640	30.2	30.8	62	31.7	62		1000 above M.S.L.	69	16	29	19	4	1	55	19	22	12	2	0	18	5	7	5	0	0	66	23	35	8	0	0	1000 above M.S.L.	
750	7860	21.5	22.2	62	24.1	62		2000 "	34	7	16	7	2	2	26	7	16	3	0	0	5	1	3	0	0	0	17	7	8	1	0	1	2000 "	
650	11470	10.2	11.5	62	13.3	62		3000 "	11	1	8	2	0	0	5	0	4	1	0	0	4	0	3	1	0	0	6	3	3	0	0	0	3000 "	
550	15570	-3.7	-2.1	62	-1.7	62		4000 "	3	0	2	1	0	0	3	0	1	2	0	0	2	0	1	1	0	0	2	0	2	0	0	0	4000 "	

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

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

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

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

SUNSHINE, RAINFALL, AND HUMIDITY MARCH 1940

DISTRICT.	STATIONS.	SUNSHINE.										RAINFALL.										Days with Thunder.	Days with Snow or Sleet.													
		Number of Days with Duration.					Maximum Duration.		Highest and Lowest Totals on record for Month.			† Number of days with amount.					Maximum fall in 24 hrs.		Highest and Lowest Totals on record for Month.																	
		Nil.	0.1-3h.	3.1-6h.	6.1-9h.	Above 9h.	Hours.	Date.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	First year of record.	Highest.	Year.	Lowest.	Year.	0, trace or 0.1 mm.	0.2-1 mm.	1.1-5 mm.	5.1-15 mm.			15.1-25 mm.	Above 25 mm.	mm.	Date.	Total for past 12 months.	Difference from Average.	Total for Month. †	Difference from Average.	First year of record.	Highest.	Year.	Lowest.	Year.
1	London (Kew Obsy).	3	11	8	5	1	9.9	20	1470	+1	121	+13	1880	183	1907	59	1888	16	5	6	2	1	1	28	13	723	+117	26	+43	1856	113	1862	1	1929	0	1
	Croydon	3	14	5	6	3	10.0	30	1447	-78	118	-4	1922	187	1933	81	1936	17	2	7	3	2	-	21	26	812	+133	83	+31	1921	83	1937	2	1929	1	1
	Calshot** (Southampton).	5	10	2	9	5	10.3	2	1626	-50	136	-10	1881	214	1907	73	1888	17	3	5	5	1	-	13	13	824	+178	82	+39	1871	133	1897	5	1925	0	2
	Lympne	4	11	4	9	3	10.2	28	1776	+11	135	-12	1921	207	1938	102	1922	17	6	2	6	-	-	11	17	916	+192	59	+5	1920	91	1927	4	1935	2	3
2	Shoeburyness...	4	9	5	10	3	10.6	28	1637	-79	139	-1	1919	197	1933	93	1919	19	4	3	4	1	-	15	13	654	+151	70	+36	1920	59	1937	1	1929	2	4
	Gorleston	6	8	10	5	2	9.5	1	*	*	123	-5	1908	186	1933	68	1916	12	8	7	4	-	-	14	26	670	+48	70	+26	1871	95	1914	3	1929	0	5
	Cranwell	4	12	6	6	3	9.6	30	1380	-158	112	-9	1921	175	1933	62	1936	19	3	8	-	1	-	17	17	644	+54	43	+7	1917	69	1919	7	1931	0	3
3	Birmingham (Edgbaston)	6	9	9	6	1	9.6	28	1223	-81	107	+11	1887	212	1893	44	1900	16	5	7	3	-	-	10	13	724	+60	42	-7	1893	118	1903	4	1929	0	4
	Ross-on-Wye	1	15	7	4	4	11.0	28	1452	-33	122	+6	1915	188	1929	62	1916	18	5	6	2	-	-	10	18	659	-58	41	-11	1859	137	1913	1	1938	0	2
5	Falmouth (Observatory)	5	8	6	10	4	10.6	18	1757	+47	142	+6	1881	209	1893	69	1886	15	6	5	4	-	1	26	16	1110	+3	85	-3	1871	212	1914	3	1938	1	0
7	Holyhead	9	8	6	3	5	10.2	26	1648	+96	109	-16	1914	219	1929	52	1936	12	10	5	4	-	-	11	12	866	-21	52	-14	1871	180	1920	12	1926	0	0
8	Chester (Sealand)	6	9	7	5	4	11.4	28	1415	439	121	+7	1923	191	1929	65	1928	16	7	4	4	-	-	15	17	746	+85	56	+11	1922	89	1927	4	1929	0	3
10	Tynemouth	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*	15	6	6	3	1	-	18	12	675	+54	58	+12	1915	90	1937	6	1938	0	4
11	Leuchars	6	7	8	6	4	10.3	21	1330	-140	127	+6	1922	187	1929	50	1928	14	5	7	4	1	-	17	12	631	-22	72	+22	1922	81	1928	10	1929	1	5
12	Renfrew	8	8	8	6	1	10.0	28	1147	-46	100	+6	1921	124	1933	39	1936	11	2	13	4	1	-	17	31	856	-83	95	+24	1921	143	1921	20	1929	0	2
	Eskdalemuir	13	5	4	7	2	9.3	1	1224	+23	98	-1	1910	185	1929	44	1936	8	4	7	3	3	-	13	12	1238	-191	165	+40	1910	225	1921	26	1924	0	5
13B	Stornoway	5	14	6	4	-	8.5	14	1249	+34	78	+31	1881	172	1911	55	1938	7	9	13	2	-	-	13	30	894	-372	57	-47	1870	205	1903	23	1880	0	10
15	Aberdeen	9	8	6	5	3	9.2	30	1242	-87	107	-2	1881	190	1894	45	1909	12	5	10	4	-	-	9	12	639	-109	60	-1	1871	125	1876	5	1929	0	9
18	Aldergrove	9	12	5	3	2	9.2	26	1267	*	79	*	1927	181	1929	71	1936	11	6	6	6	1	1	26	11	925	+87	122	+58	1926	92	1939	10	1929	0	2
19	Dublin (Phoenix Park)	7	12	5	4	3	10.8	26	1262	-186	94	-21	1881	201	1929	69	1936	12	10	7	2	-	-	7	9	752	+50	35	-14	1865	120	1937	7	1929	0	1
	Birr Castle	7	9	8	7	-	8.9	27	1291	-15	99	-12	1881	192	1929	63	1900	12	9	7	3	-	-	8	31	783	-44	52	-9	1862	155	1903	12	1925	0	0
20	Valentia (Cahiriveen)	6	8	8	4	5	9.6	14	1619	+251	119	+3	1880	197	1929	70	1903	8	8	7	8	-	-	11	17	1337	-77	87	-28	1866	276	1884	25	1925	0	0

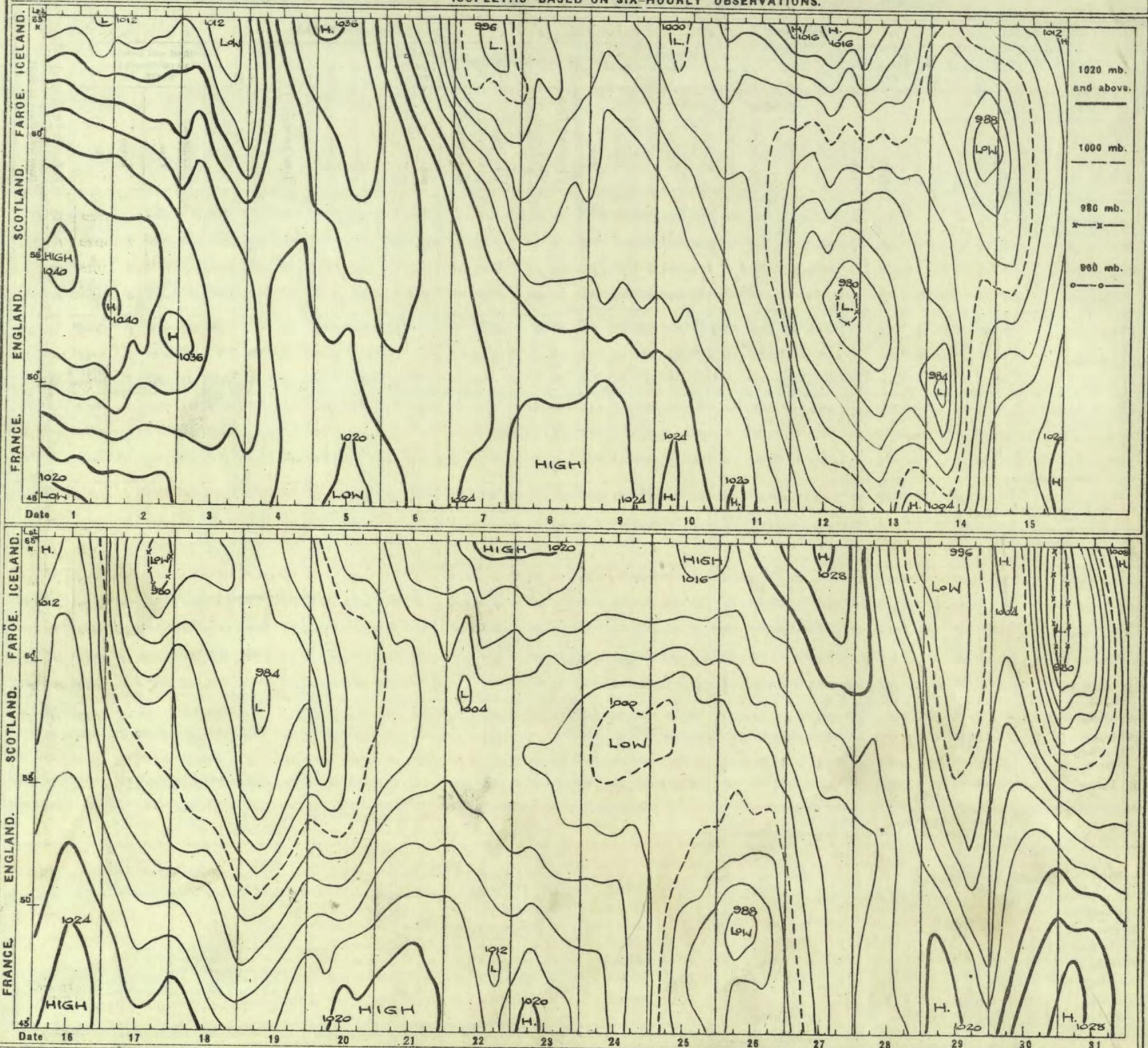
MINIMUM SURFACE HUMIDITY.											STATE OF GROUND AT 18 h.												
No. of Days (MDT. TO MDT.) WITH MINIMA BETWEEN FIXED LIMITS.											No. of Days Each Type Was Recorded.												
STATIONS.	95	90	80	70	60	50	40	30	20	0	STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.	
	to 100 %	to 94 %	to 89 %	to 79 %	to 69 %	to 59 %	to 49 %	to 39 %	to 29 %	to 19 %		0	1	2	3	4	5	6	7	8	9		
London (Kew)	0	0	1	8	6	3	7	5	1	0	London (Kew)	0	28	3	0	0	0	0	0	0	0	0	0 Dry. 1 Wet. 2 Flooded. 3 Frozen hard and dry. 4 Partly covered with snow or hail. 5 Covered with ice or glazed frost. 6 Covered with thawing snow. 7 Covered with snow, less than 6 ins., but ground not frozen. 8 Covered with snow, less than 6 ins., and ground frozen. 9 Covered with snow, greater than 6 ins. deep.
Ross-on-Wye	0	0	3	1	7	6	8	5	1	0	Ross-on-Wye	2	29	0	0	0	0	0	0	0	0	0	
Falmouth (Obsy.)	2	4	3	7	10	5	0	0	0	0	Renfrew	2	29	0	0	0	0	0	0	0	0	0	
Renfrew	0	2	3	5	6	8	5	2	0	0	Eskdalemuir	0	25	0	2	2	0	0	2	0	0	0	
Eskdalemuir	2	6	3	3	4	6	4	3	0	0	Aberdeen	3	28	0	0	0	0	0	0	0	0	0	
Aberdeen	1	3	1	5	11	7	3	0	0	0	Valentia	9	22	0	0	0	0	0	0	0	0	0	
Valentia	0	1	4	9	7	7	3	0	0	0													

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

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

PRESSURE: ICELAND TO GULF OF LIONS MARCH 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.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

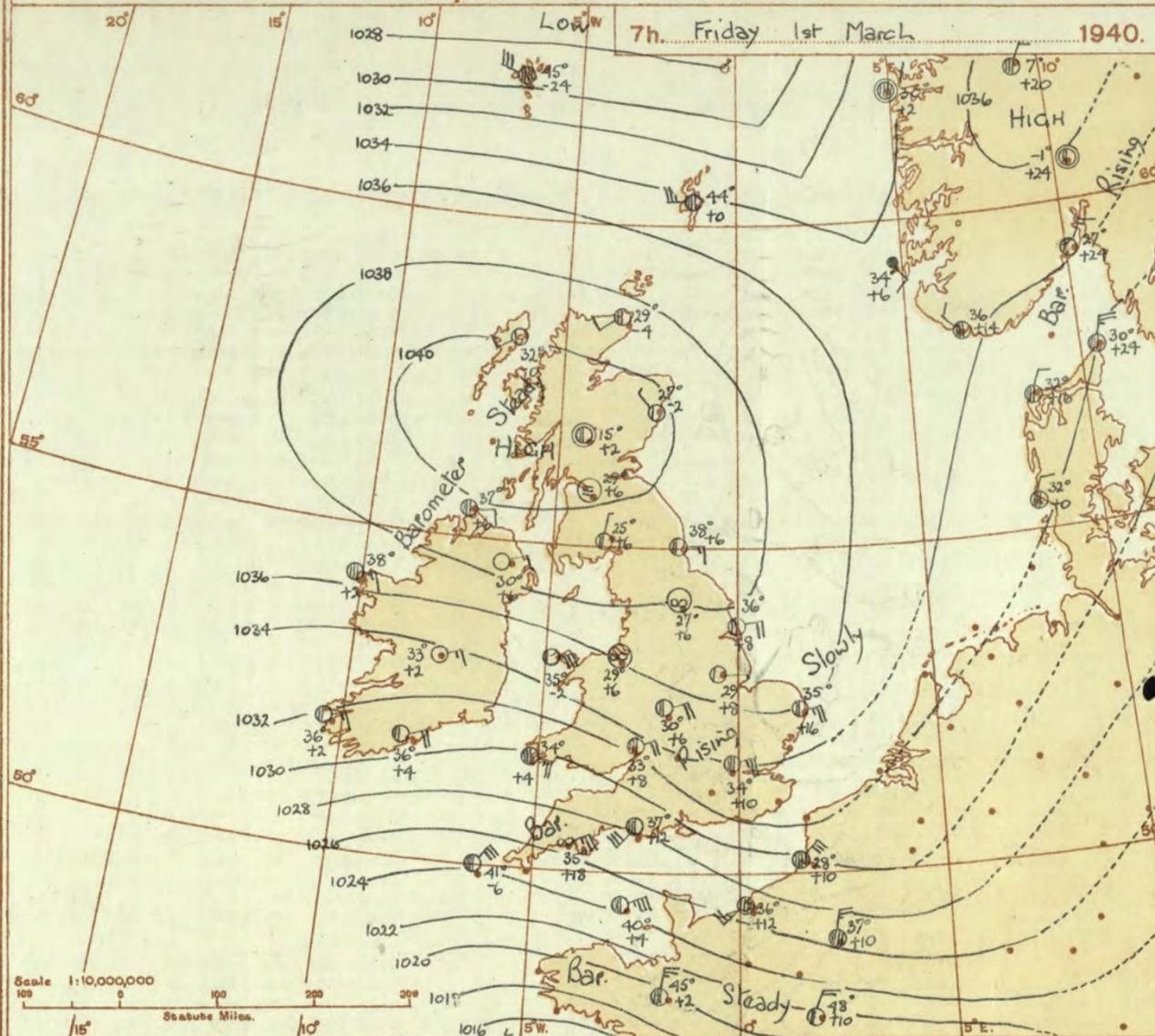
Table with columns for District, Stations, Observations at 13h. G.M.T. 29th February, Observations at 18h. G.M.T. 29th February, and Past 24 Hours. Includes weather symbols and numerical data for various stations like London, Birmingham, and Manchester.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

Table explaining weather symbols and abbreviations. Columns include: COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER; COLUMNS 9, 23.—FORM OF LOW CLOUD; COLUMNS 10, 24.—FORM OF MEDIUM CLOUD; COLUMNS 11, 25.—FORM OF CIRRUS CLOUD; COLUMNS 12, 13, 26, 27.—FORM OF CLOUD; COLUMNS 16, 21.—FORM OF MEDIUM CLOUD; COLUMNS 17, 22.—FORM OF MEDIUM CLOUD; COLUMNS 18, 23.—FORM OF MEDIUM CLOUD; COLUMNS 19, 24.—FORM OF MEDIUM CLOUD; COLUMNS 20, 25.—FORM OF MEDIUM CLOUD; COLUMNS 21, 26.—FORM OF MEDIUM CLOUD; COLUMNS 22, 27.—FORM OF MEDIUM CLOUD; COLUMNS 23, 28.—FORM OF MEDIUM CLOUD; COLUMNS 24, 29.—FORM OF MEDIUM CLOUD; COLUMNS 25, 30.—FORM OF MEDIUM CLOUD; COLUMNS 26, 31.—FORM OF MEDIUM CLOUD; COLUMNS 27, 32.—FORM OF MEDIUM CLOUD; COLUMNS 28, 33.—FORM OF MEDIUM CLOUD; COLUMNS 29, 34.—FORM OF MEDIUM CLOUD; COLUMNS 30, 35.—FORM OF MEDIUM CLOUD; COLUMNS 31, 36.—FORM OF MEDIUM CLOUD; COLUMNS 32, 37.—FORM OF MEDIUM CLOUD; COLUMNS 33, 38.—FORM OF MEDIUM CLOUD; COLUMNS 34, 39.—FORM OF MEDIUM CLOUD; COLUMNS 35, 40.—FORM OF MEDIUM CLOUD; COLUMNS 36, 41.—FORM OF MEDIUM CLOUD; COLUMNS 37, 42.—FORM OF MEDIUM CLOUD; COLUMNS 38, 43.—FORM OF MEDIUM CLOUD; COLUMNS 39, 44.—FORM OF MEDIUM CLOUD; COLUMNS 40, 45.—FORM OF MEDIUM CLOUD; COLUMNS 41, 46.—FORM OF MEDIUM CLOUD; COLUMNS 42, 47.—FORM OF MEDIUM CLOUD; COLUMNS 43, 48.—FORM OF MEDIUM CLOUD; COLUMNS 44, 49.—FORM OF MEDIUM CLOUD; COLUMNS 45, 50.—FORM OF MEDIUM CLOUD; COLUMNS 46, 51.—FORM OF MEDIUM CLOUD; COLUMNS 47, 52.—FORM OF MEDIUM CLOUD; COLUMNS 48, 53.—FORM OF MEDIUM CLOUD; COLUMNS 49, 54.—FORM OF MEDIUM CLOUD; COLUMNS 50, 55.—FORM OF MEDIUM CLOUD; COLUMNS 51, 56.—FORM OF MEDIUM CLOUD; COLUMNS 52, 57.—FORM OF MEDIUM CLOUD; COLUMNS 53, 58.—FORM OF MEDIUM CLOUD; COLUMNS 54, 59.—FORM OF MEDIUM CLOUD; COLUMNS 55, 60.—FORM OF MEDIUM CLOUD; COLUMNS 56, 61.—FORM OF MEDIUM CLOUD; COLUMNS 57, 62.—FORM OF MEDIUM CLOUD; COLUMNS 58, 63.—FORM OF MEDIUM CLOUD; COLUMNS 59, 64.—FORM OF MEDIUM CLOUD; COLUMNS 60, 65.—FORM OF MEDIUM CLOUD; COLUMNS 61, 66.—FORM OF MEDIUM CLOUD; COLUMNS 62, 67.—FORM OF MEDIUM CLOUD; COLUMNS 63, 68.—FORM OF MEDIUM CLOUD; COLUMNS 64, 69.—FORM OF MEDIUM CLOUD; COLUMNS 65, 70.—FORM OF MEDIUM CLOUD; COLUMNS 66, 71.—FORM OF MEDIUM CLOUD; COLUMNS 67, 72.—FORM OF MEDIUM CLOUD; COLUMNS 68, 73.—FORM OF MEDIUM CLOUD; COLUMNS 69, 74.—FORM OF MEDIUM CLOUD; COLUMNS 70, 75.—FORM OF MEDIUM CLOUD; COLUMNS 71, 76.—FORM OF MEDIUM CLOUD; COLUMNS 72, 77.—FORM OF MEDIUM CLOUD; COLUMNS 73, 78.—FORM OF MEDIUM CLOUD; COLUMNS 74, 79.—FORM OF MEDIUM CLOUD; COLUMNS 75, 80.—FORM OF MEDIUM CLOUD; COLUMNS 76, 81.—FORM OF MEDIUM CLOUD; COLUMNS 77, 82.—FORM OF MEDIUM CLOUD; COLUMNS 78, 83.—FORM OF MEDIUM CLOUD; COLUMNS 79, 84.—FORM OF MEDIUM CLOUD; COLUMNS 80, 85.—FORM OF MEDIUM CLOUD; COLUMNS 81, 86.—FORM OF MEDIUM CLOUD; COLUMNS 82, 87.—FORM OF MEDIUM CLOUD; COLUMNS 83, 88.—FORM OF MEDIUM CLOUD; COLUMNS 84, 89.—FORM OF MEDIUM CLOUD; COLUMNS 85, 90.—FORM OF MEDIUM CLOUD; COLUMNS 86, 91.—FORM OF MEDIUM CLOUD; COLUMNS 87, 92.—FORM OF MEDIUM CLOUD; COLUMNS 88, 93.—FORM OF MEDIUM CLOUD; COLUMNS 89, 94.—FORM OF MEDIUM CLOUD; COLUMNS 90, 95.—FORM OF MEDIUM CLOUD; COLUMNS 91, 96.—FORM OF MEDIUM CLOUD; COLUMNS 92, 97.—FORM OF MEDIUM CLOUD; COLUMNS 93, 98.—FORM OF MEDIUM CLOUD; COLUMNS 94, 99.—FORM OF MEDIUM CLOUD; COLUMNS 95, 100.—FORM OF MEDIUM CLOUD.

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.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st March, 1940.
1 S.E. England	Moderate northeast wind, fresh locally on coasts; fine today, more cloud tomorrow; rather cold, frost locally at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh or strong east wind, gale locally on coasts; bright intervals today; local rain, sleet or snow tomorrow; rather cold, frost locally at night.
6 South Wales ...	Moderate east wind, fresh or strong locally on coasts; fair; rather cold, frost at night.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light to moderate northeast wind; fine today; more cloud tomorrow; rather cold, frost at night.
10 N.E. England	
11 S.E. Scotland	Light variable wind; fine; local morning fog; rather cold, sharp frost at night.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	Moderate or fresh west to northwest wind; cloudy, local showers, becoming milder.
14 Mid Scotland	
15 N. E. Scotland	As 7 - 11.
16 Orkneys and Shetlands	
17 N. W. Ireland	As 6.
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 over Scotland will probably move slowly west. A deep depression north of Iceland is moving east and a depression over Portugal is spreading north. Weather will be mainly fair with considerable bright intervals today but there will be more cloud tomorrow.

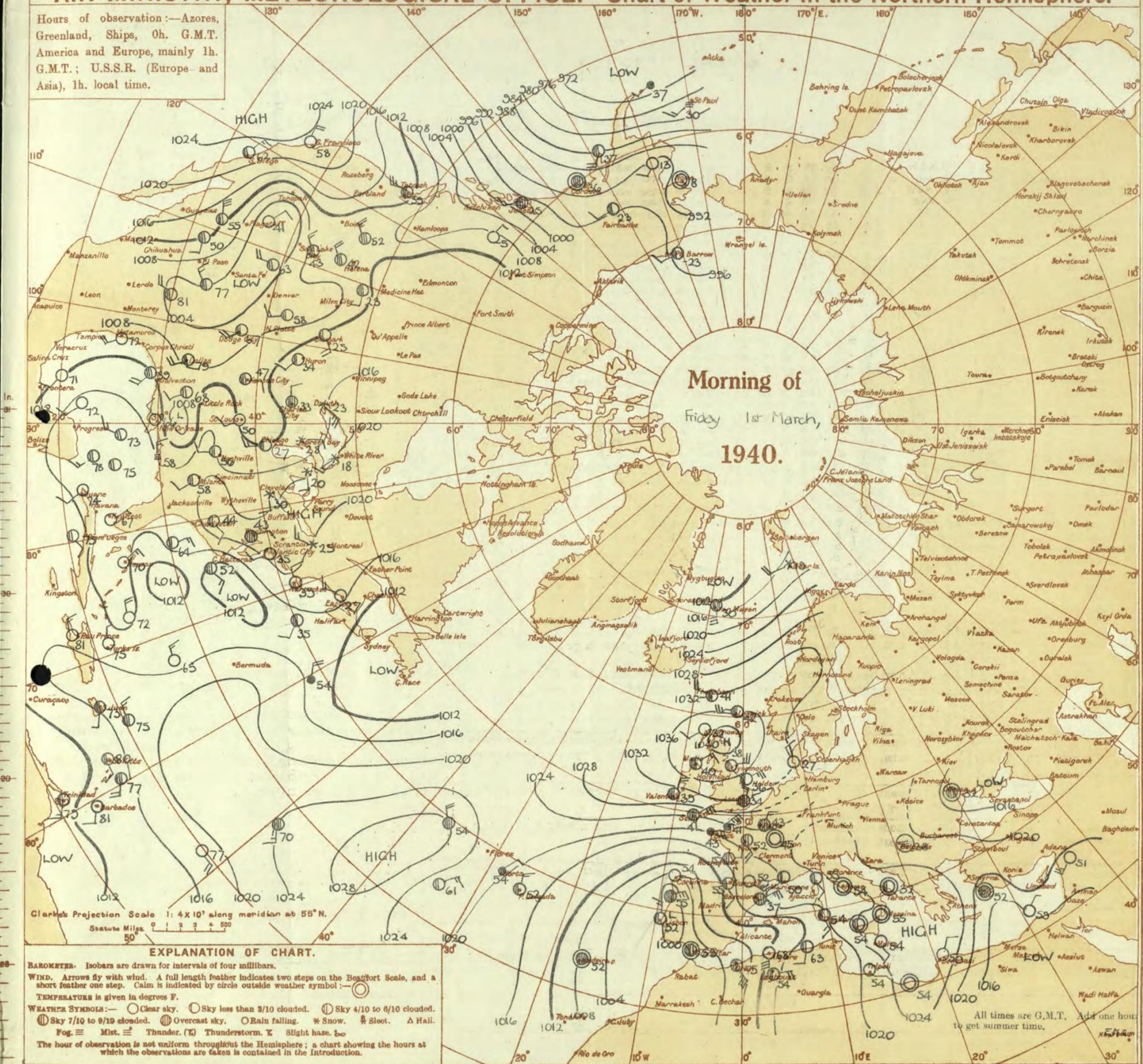
FURTHER OUTLOOK.
 Mainly fair but more cloud; temperature rising slowly.

Time of Issue of Gale Warnings.
 Gale warning issued at 2310 G.M.T. on 29/2/40 in districts 10 and 11.

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

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

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



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 9/10 clouded. ⊙ Sky 4/10 to 6/10 clouded. ⊕ Sky 7/10 to 9/10 clouded. ⊖ Overcast sky. ○ Rain falling. * Snow. † Sleet. Δ Hail. Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. X Slight haze. ☁

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

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table of weather observations at 1 hr. G.M.T. 1st March and at 7 hr. G.M.T. 1st March, including stations like London (Kew), Croydon, and various coastal locations.

LONDON OBSERVATIONS table with columns for Day, Night, Min., Max., and Rainfall for various London stations.

Table with columns for Weather, Temperature, Rainfall, Humidity, and Atmospheric Pollution, including a section for SOUTH KENSINGTON and Kew Observatory.

EXPLANATION OF FIGURES, LETTERS, etc. section detailing the meaning of various codes and symbols used in the report.

FOREIGN OBSERVATIONS table showing weather data for Paris, Brussels, Berlin, Zurich, and Rome.

Table with columns for Beaufort No., Statute m/h., and other wind-related metrics, including a section for COLUMNS 34, 35.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET Saturday 2nd March 1940. No. 28590.

Table with columns for District, Stations, Observations at 13h. G.M.T. 1st March, Observations at 18h. G.M.T. 1st March, and Past 24 Hours. Includes weather codes and symbols.

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.

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

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.

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.

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).

Cloud form abbreviations:—

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

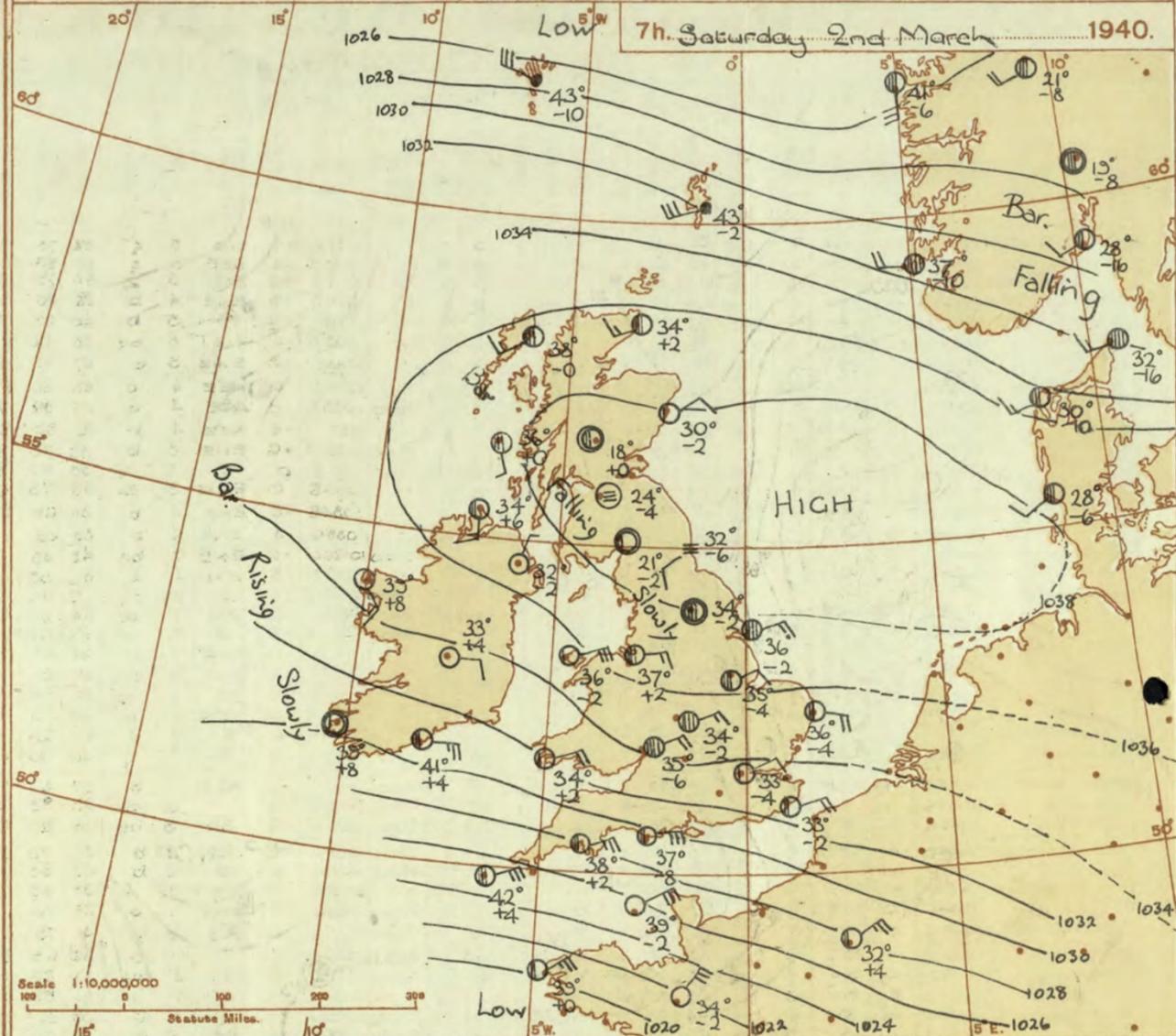
- 0 No cirriform cloud. 1 Fine Ci not increasing: sparse. 2 Fine Ci not increasing: abundant but not a continuous layer.

COLUMN 29 —STATE OF GROUND.

- 0 .. Ground dry. 1 .. " wet. 2 .. " flooded. 3 .. " frozen hard and dry.

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.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd March, 1940.
1 S.E. England	Wind easterly moderate to fresh locally on the South coast; mainly fine; rather cold; slight frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind easterly, fresh to strong at times on the coast; mainly fair; rather cold.
6 South Wales ...	As 1 - 4.
7 North Wales ...	Wind southeast to variable, light; mainly fine, but more cloud in parts of the eastern counties night and morning; local morning fog; rather cold, sharp night frost in most areas.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind westerly, light to moderate, stronger at times off the northern coasts; mainly cloudy; some light rain especially near the coast; average temperature.
13 { A.W. Scotland B.N.W. Scotland	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	As 7 - 13A.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
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 large anticyclone centred over the North Sea with an extension to Austria is almost stationary. Pressure is low in the far north and between the Azores and Portugal. Weather will be fair or fine in most districts but there will be a little light rain in North Scotland. Sharp night frost will occur in the Midlands and the North.

FURTHER OUTLOOK.

Fair for a few days in most districts with day temperatures tending to rise.

Time of Issue of Gale warnings.

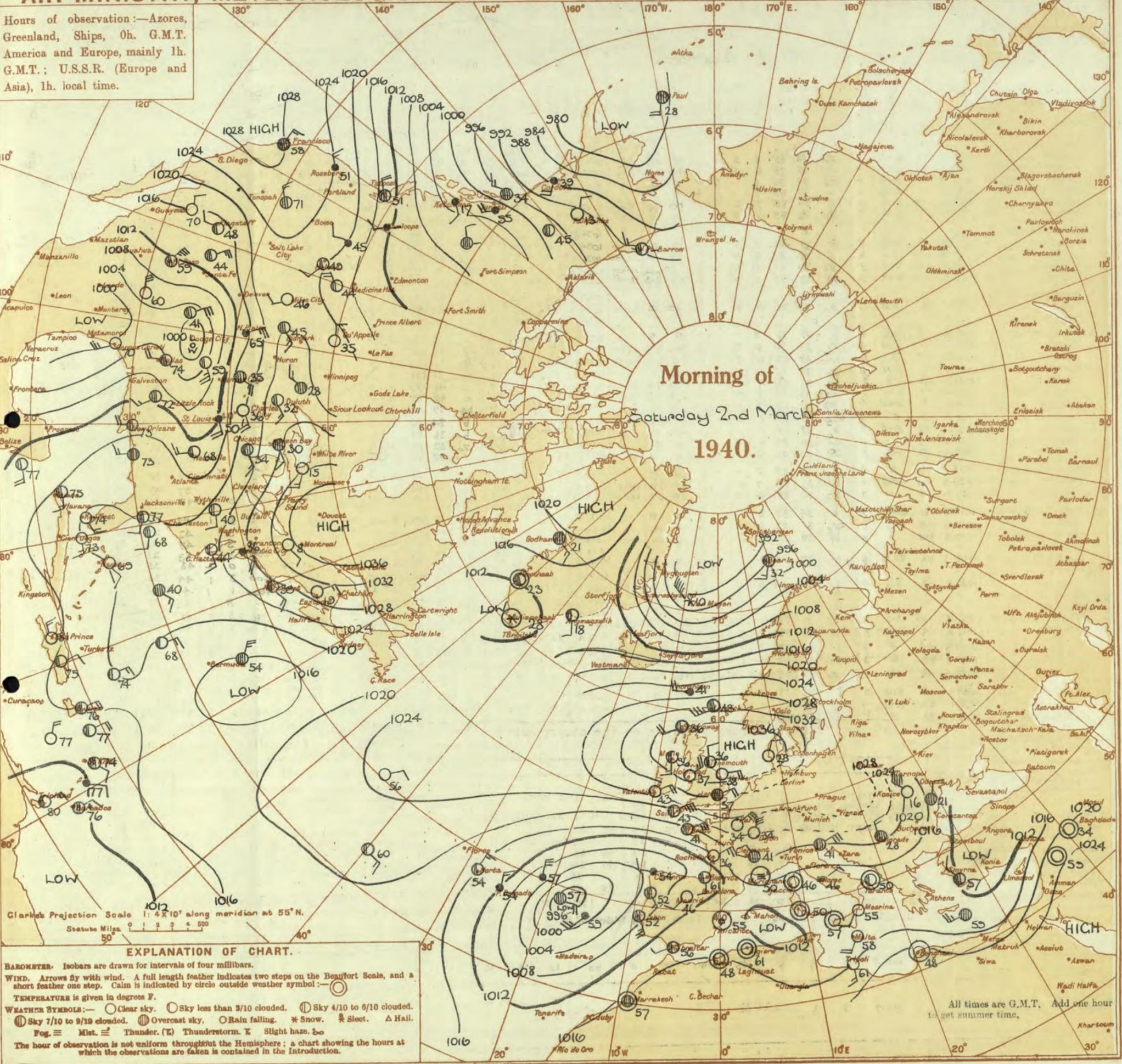
Gale warning issued at 2310 on 29/2/40 in districts 10 and 11.

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

H.B.S.G. from Cornwall House & Co. Ltd. 1939

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 9/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. † Sleet. Δ Hail. Fog. ≡ Mist. ≡ Thunder. (Z) Thunderstorm. X Slight haze. ∞
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

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

LONDON OBSERVATIONS table with columns for Day 7h-18h, 9h-18h, 9h-21h, and various weather and temperature readings.

Table with columns for Weather, Temperature, Rainfall, Humidity, and Atmospheric Pollution. Includes sub-sections for South Kensington and Kew Observatory.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed instructions for interpreting the data in columns 2, 16, 4, 18, 30, and 34, 35.

FOREIGN OBSERVATIONS table listing data for Paris, Brussels, Berlin, Zurich, and Rome.

Table with columns for 18h. G.M.T., 7h. G.M.T., and Past 24 Hours, providing weather and temperature data for various locations.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

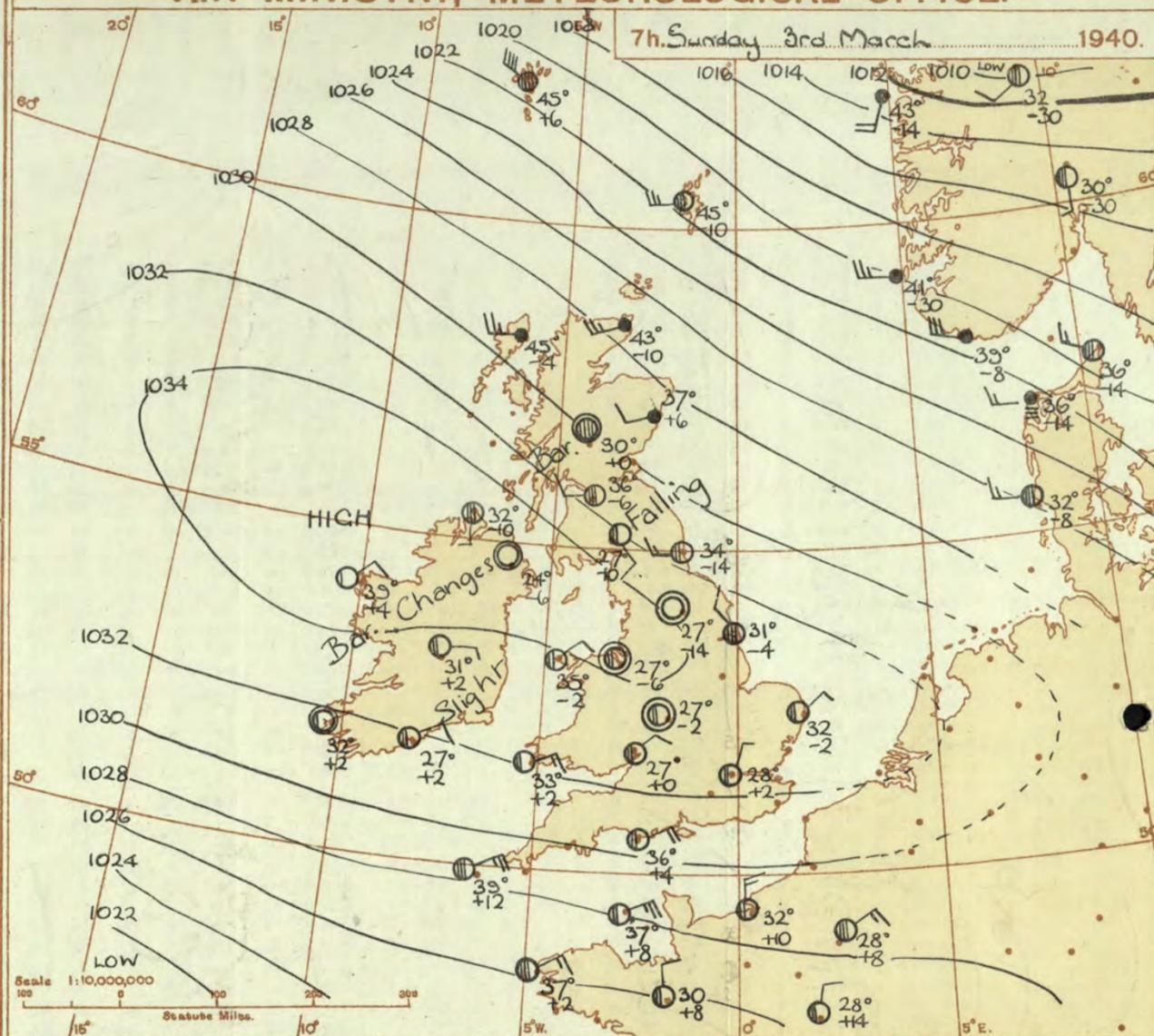
OBSERVATIONS at 13h. G.M.T. 2nd March

OBSERVATIONS at 18h. G.M.T. 2nd March

PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. P. (8)	Cloud.				Barom. at at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility. P. (22)	Cloud.				State of Ground. (29)	Sea. (30)	WEATHER.								
				Dirac. (3)	Force. 0-12 (4)				Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Form. (23)			Amount (24)	Height of Base. (feet) (28)				7h.-18h. ... (37)	18h.-18h. ... (38)	18h. 2nd ... (39)	1h.-7h. ... (40)											
																										Low.	Med.	High	Low	Total	Low	Total		
1	London (Kew)...	1033.4	-4	ENE	5	42	35	6	-	2	7.8	-	1033.4	+6	ENE	4	37	35	6	-	2	0	9	-	1	*	bczy	bczy	cbcbzy	bbcmox				
	Croydon ...	1033.0	-6	ENE	4	42	35	7	-	4	0	-	1032.7	+6	ENE	4	35	45	6	-	3	2	0	4.6	-	1	*	bczy	bczy	beybzo	bmax			
	S. Farnborough	1032.6	-6	ENE	5	44	35	6	-	1	0	-	1032.7	+6	ENE	4	37	45	6	-	7	6	0	2.3	-	1	*	bczy	bczy	bebzo	bzbcmo			
	Boscombe Down	1031.8	-10	ENE	4	43	35	6	-	-	0	-	1031.3	+6	ENE	4	38	35	7	-	7	6	0	1	-	1	*	bczy	bczy	bm.	bm, bcmo			
	Calshot (Soton.)	1030.5	-10	ENE	5	45	40	8	-	3	0	-	1030.2	+6	ENE	5	40	40	8	-	4	0	1	-	1	4	*	bczy	bczy	bybz	bzo			
	Lympne ...	1032.7	-6	ENE	5	38	55	8	-	2	2.3	-	1032.2	0	ENE	5	33	65	8	-	6	0	7.8	-	1	\$4	bczy	bczy	cbcbcb	bc				
	Manston ...	1034.3	+2	ENE	5	38	55	8	-	1	0	-	1033.0	-2	ENE	5	34	65	8	-	6	0	7.8	-	1	0	*	bczy	bczy	cbcb	b			
2	Shoeburyness ...	1034.8	0	NE	4	40	55	8	-	2	0	-	1034.3	-2	NE	4	34	65	8	-	2	0	2.3	-	1	*	bczy	bczy	b	b				
	Felixstowe ...	1035.8	+6	ENE	4	39	55	3	-	1	0	-	1034.3	-4	ENE	4	34	60	8	-	2	0	4.6	-	1	2	*	bczy	bczy	bcb	bbc			
	Gorleston ...	1038.7	+10	ENE	6	36	55	8	-	8	0	-	1035.8	-8	ENE	4	35	55	7	-	4	0	2.3	-	0	3	*	bczy	bczy	bcb	bcb			
	Mildenhall ...	1036.0	-6	E	4	42	55	3	-	2	0	-	1035.4	0	ENE	3	34	45	8	-	8	0	4.6	-	0	0	*	bczy	bczy	bcyvb	bbc			
	Cranwell ...	1036.9	-4	ENE	3	40	65	8	5	-	4	2.3	1500	-2	E	2	33	55	8	-	4	0	Tr	-	0	*	bczy	bczy	bcyvb	bbm, bfx				
3	Birmingham	1035.4	-6	ENE	3	40	65	6	7	-	7.8	1500	1034.7	0	ENE	3	38	55	6	-	5	6	0	4.6	-	1	*	bczy	bczy	bczy	b			
	Upper Heyford	1034.3	-10	ENE	5	43	55	3	-	8	0	-	1034.0	+4	ENE	5	37	45	8	-	1	0	Tr	-	1	*	bczy	bczy	bczy	b				
4	Ross-on-Wye ...	1033.1	-10	NE	5	44	55	8	1	-	Tr	4000	1033.0	+4	ENE	3	39	55	8	-	1	0	Tr	-	1	*	bczy	bczy	bczy	b				
5	Hartland Point	1028.8	-14	ENE	5	43	65	8	1	-	5	2.3	4000	1028.8	+6	NE	5	43	65	8	-	-	0	0	-	0	4	*	bczy	bczy	bczy	b		
	Bristol ...	1032.1	-12	ENE	4	44	55	8	-	-	0	-	1032.2	+8	ENE	5	40	45	7	-	4	0	2.3	-	1	*	bczy	bczy	bczy	b				
	Portland Bill ...	1028.6	-8	E	6	48	65	8	2	-	4.6	4000	1028.9	+12	ENE	5	41	85	8	5	-	4.6	4000	1	5	*	bczy	bczy	bczy	b				
	Plymouth ...	1027.3	+6	ENE	6	44	35	8	1	4	Tr	2500	1028.8	+6	ENE	6	45	36	7	-	-	0	0	-	1	2	*	bczy	bczy	bczy	b			
	The Lizard ...	1025.1	+4	ENE	8	48	75	7	8	6	4.6	2500	1024.5	+8	ENE	7	44	92	8	4	-	2.3	2.3	2500	0	4	*	bczy	bczy	bczy	b			
	Scilly (St. Mary's)	1025.1	-8	ENE	7	44	65	7	5	4	2.3	4000	1024.5	+4	ENE	6	45	45	8	5	-	2.3	2.3	2500	1	4	*	bczy	bczy	bczy	b			
	Guernsey ...	1025.6	-4	ENE	6	43	65	7	-	-	0	-	1025.3	+2	ENE	7	40	75	7	1	7	Tr	2.3	2500	1	5	*	bczy	bczy	bczy	b			
	Pembroke ...	1031.8	-8	E	4	45	65	8	1	4	2.3	2500	1030.9	0	ENE	4	44	75	8	2	6	2.3	2.3	2500	1	2	*	bczy	bczy	bczy	b			
	Holyhead ...	1034.7	-6	ENE	7	40	75	8	-	3	0	-	1034.1	0	ENE	6	44	85	8	5	4	8	4000	1	3	*	bczy	bczy	bczy	b				
	Chester (Sealand)	1037.0	-10	E	3	40	75	6	5	-	10	2500	1035.6	-6	ENE	1	39	75	6	5	-	3	9	2500	1	*	bczy	bczy	bczy	b				
8	Manchester ...	1037.6	-6	NE	3	39	85	5	5	-	10	1500	1035.7	-8	NE	3	39	85	4	5	3	-	7.8	9	2500	1	*	bczy	bczy	bczy	b			
10	Spurn Head ...	1038.7	-6	E	4	37	85	8	5	-	10	1500	1036.9	-4	ESE	2	35	85	8	3	4	5	Tr	4.6	2500	0	2	*	bczy	bczy	bczy	b		
	Catterick ...	1038.5	-6	E	0	42	75	7	5	-	10	1000	1035.5	-2	E	0	38	85	7	5	-	10	10	2500	1	*	bczy	bczy	bczy	b				
	Tynemouth ...	1038.9	-6	ESE	2	39	92	6	8	8	4.6	4.6	2500	1036.9	+4	E	3	39	85	6	5	-	4.6	4.6	2500	1	1	*	bczy	bczy	bczy	b		
11	St. Abbs Head	1037.2	-12	SSW	3	45	85	8	4	4	2.3	4.6	2500	1035.5	-8	S	2	39	75	8	4	4	2	4.6	4.6	2500	0	1	*	bczy	bczy	bczy	b	
	Leuchars ...	1036.9	-14	SW	2	47	55	6	-	6	0	7.8	-	1035.2	-6	W	0	41	75	6	-	1	2	7.8	-	1	*	bczy	bczy	bczy	b			
12	Bentley (Abbots L.)	1037.7	-14	W	0	36	75	3	-	6	0	Tr	-	1036.9	-6	W	1	40	65	8	-	6	0	7.8	-	1	*	bczy	bczy	bczy	b			
	Eskdalemuir ...	1037.0	-10	W	0	44	45	8	-	6	0	2.3	-	1035.8	-2	W	0	36	75	7	-	7	6	0	4.6	-	1	*	bczy	bczy	bczy	b		
	Point of Ayre ...	1037.7	-2	SSW	3	45	75	8	1	3	4	Tr	7.8	1500	1036.0	-6	SSE	1	38	85	8	3	-	0	0	-	0	1	*	bczy	bczy	bczy	b	
13A	Tiree ...	1037.8	0	SSW	1	44	75	8	2	-	4.6	4.6	4000	1034.9	-2	ENE	1	40	85	8	5	-	7.8	7.8	4000	0	1	*	bczy	bczy	bczy	b		
13B	Stormoway ...	1036.1	0	SW	3	43	65	8	5	7	7	3	10	4000	1035.2	0	WSW	3	41	75	8	5	7	7.8	9	2500	1	2	*	bczy	bczy	bczy	b	
15	Dalwhinnie ...	*	-16	NW	2	40	92	8	4	-	5	0	2.3	1500	*	SE	1	31	85	8	4	-	2	Tr	1	4000	7	*	bczy	bczy	bczy	b		
	Aberdeen ...	1036.4	-8	SW	2	47	55	6	-	1	0	Tr	-	1034.9	-4	W	0	39	85	4	-	5	9	0	2.3	-	1	1	*	bczy	bczy	bczy	b	
	Wick ...	1035.0	-2	WSW	3	45	75	8	5	7	8	4.6	7.8	2500	1033.1	-4	SW	2	43	75	8	5	6	1	2.3	4.6	2500	1	1	*	bczy	bczy	bczy	b
16	Lerwick ...	1031.2	-2	W	4	45	85	7	8	7	-	7.8	800	1028.7	-2	WS	4	44	92	7	8	7	-	7.8	9	800	1	*	bczy	bczy	bczy	b		
17	Blacksod Point...	1036.5	-4	E	3	47	65	7	-	4	0	2.3	-	1034.5	+2	NE	4	45	75	7	-	4	0	2.3	-	0	3	*	bczy	bczy	bczy	b		
18	Malin Head ...	1037.2	-6	NE	1	43	65	6	-	4	0	7.8	-	1036.1	-2	N	1	41	75	7	5	-	4	2.3	4.6	5700	0	3	*	bczy	bczy	bczy	b	
	Aldergrove ...	1037.7	-6	E	0	42	75	6	-	2	7	0	10	-	1036.4	0	E	1	38	85	6	-	3	2	0	7.8	-	1	*	bczy	bczy	bczy	b	
19	Birr Castle ...	1033.4	-8	NE	2	45	75	8	5	-	4.6	4.6	4000	1033.7	+2	NE	3	41	85	7	-	3	5	0	7.8	-	1	*	bczy	bczy	bczy	b		
20	Valentia Obsy. †	1030.7	+10	E	4	50	55	8	1	-	Tr	Tr	4000	1029.7	+2	ENE	5	40	65	8	1	-	Tr	Tr	4000</									

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd March, 1940.
1 S.E. England	Wind variable light, becoming northwesterly moderate; fine to-day, cloud increasing to-morrow; local morning fog; somewhat higher day temperatures, sharp frost at night in the south.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind northeast backing north, moderate falling light; fine; some morning fog; average day temperature; sharp night frost.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind west to northwest, moderate; becoming mainly cloudy; chance of slight local rain; becoming milder.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	As 4 - 9.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotla. B.N.W.Scot- land.	Wind west moderate or fresh, strong locally off the northeast coast, backing to-morrow; cloudy; occasional light rain; rather mild.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Light variable wind; fine; local morning fog; average day temperature; sharp night frost.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

An anticyclone centred over North Ireland is slowly receding westwards. Troughs of low pressure are moving southeast over the North Sea and will probably be followed by further disturbances from the Icelandic area. Over England and Ireland weather will be fair or fine with sharp night frost but there will be occasional light rain in North and East Scotland.

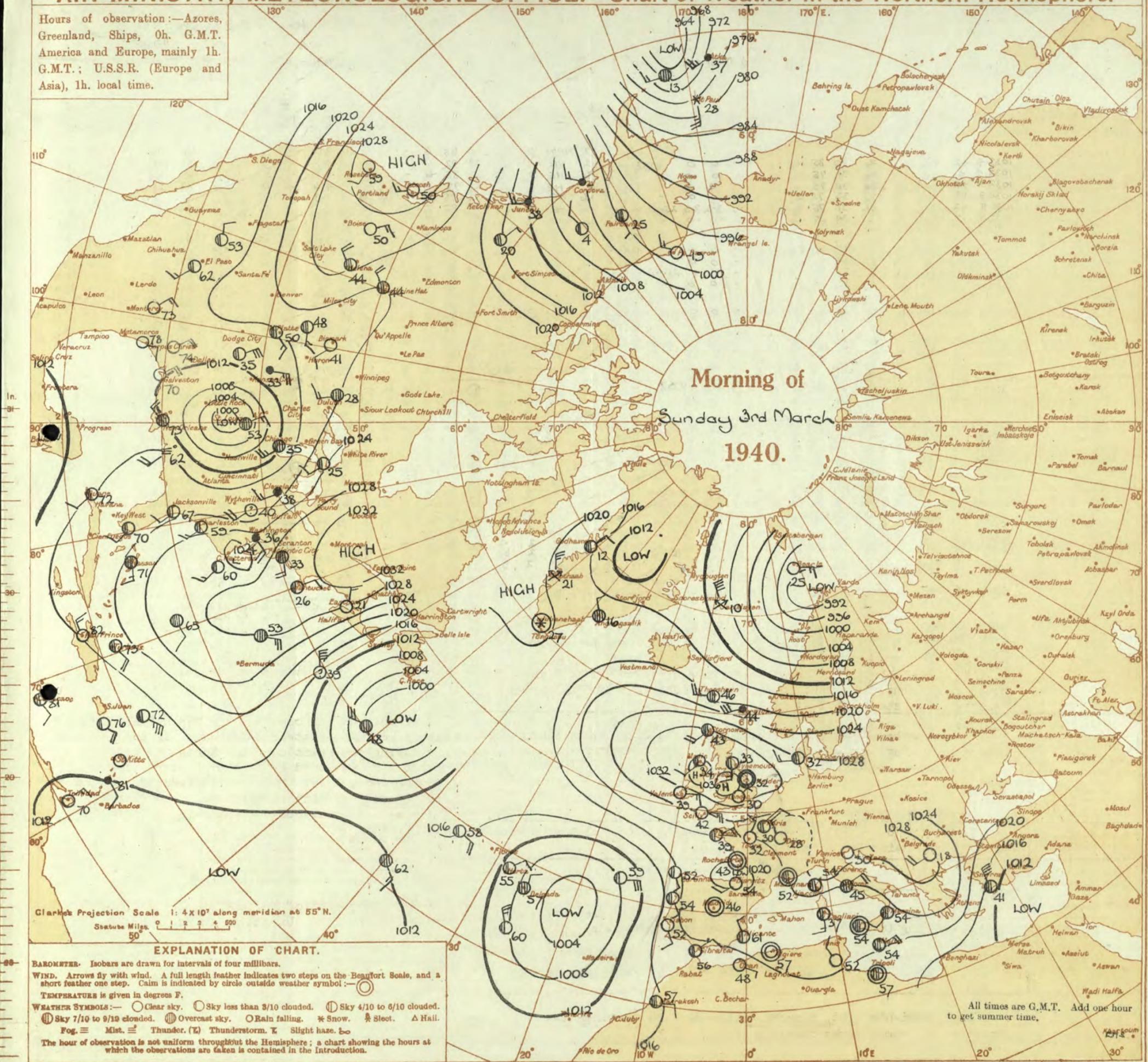
FURTHER OUTLOOK.

Fair over most of England and Ireland, but less bright in the East. Unsettled in Scotland.

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.

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.



Clark's Projection Scale 1: 4 X 10⁷ along meridian at 55° N.
 Statute Miles 0 1 2 3 4 5 6 7 8 9 10

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. X Slight haze. ☁

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

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table with columns for District, Stations, Observations at 1 hr. G.M.T. 3rd March, Observations at 7 hr. G.M.T. 3rd March, and Past 24 Hours. Includes data for London (Kew), Shoeburyness, Birmingham, etc.

LONDON OBSERVATIONS table with columns for Day 7h-18h, 9h-18h, 9h-21h, and other stations except for rainfall which is 9h-18h.

Table with columns for Weather, Temperature, Rainfall, Sunshine, Humidity, and Visibility. Includes sub-sections for SOUTH KENSINGTON and KEW OBSERVATORY.

Table with columns for Atmospheric Pollution (Milligrams of Solid Impurity per cubic metre) and EXPLANATION OF FIGURES, LETTERS, etc.

Table with columns for EXPLANATION OF FIGURES, LETTERS, etc., detailing barometric tendency, Beaufort scale, and State of Sea.

FOREIGN OBSERVATIONS table with columns for Stations, Barom. mb., Wind, Weather, Temp. °F., and other data for Paris, Brussels, Berlin, Zurich, Rome.

Table with columns for 18h. G.M.T. 2nd March, 7h. G.M.T. 3rd March, and Past 24 Hours, including Barom., Wind, Weather, Temp., and Rainfall.

Table with columns for Beaufort No., Statute m/h., and other weather-related metrics.

Table with columns for COLUMNS 30 - Code for State of Sea, detailing sea conditions from Calm to Confused.

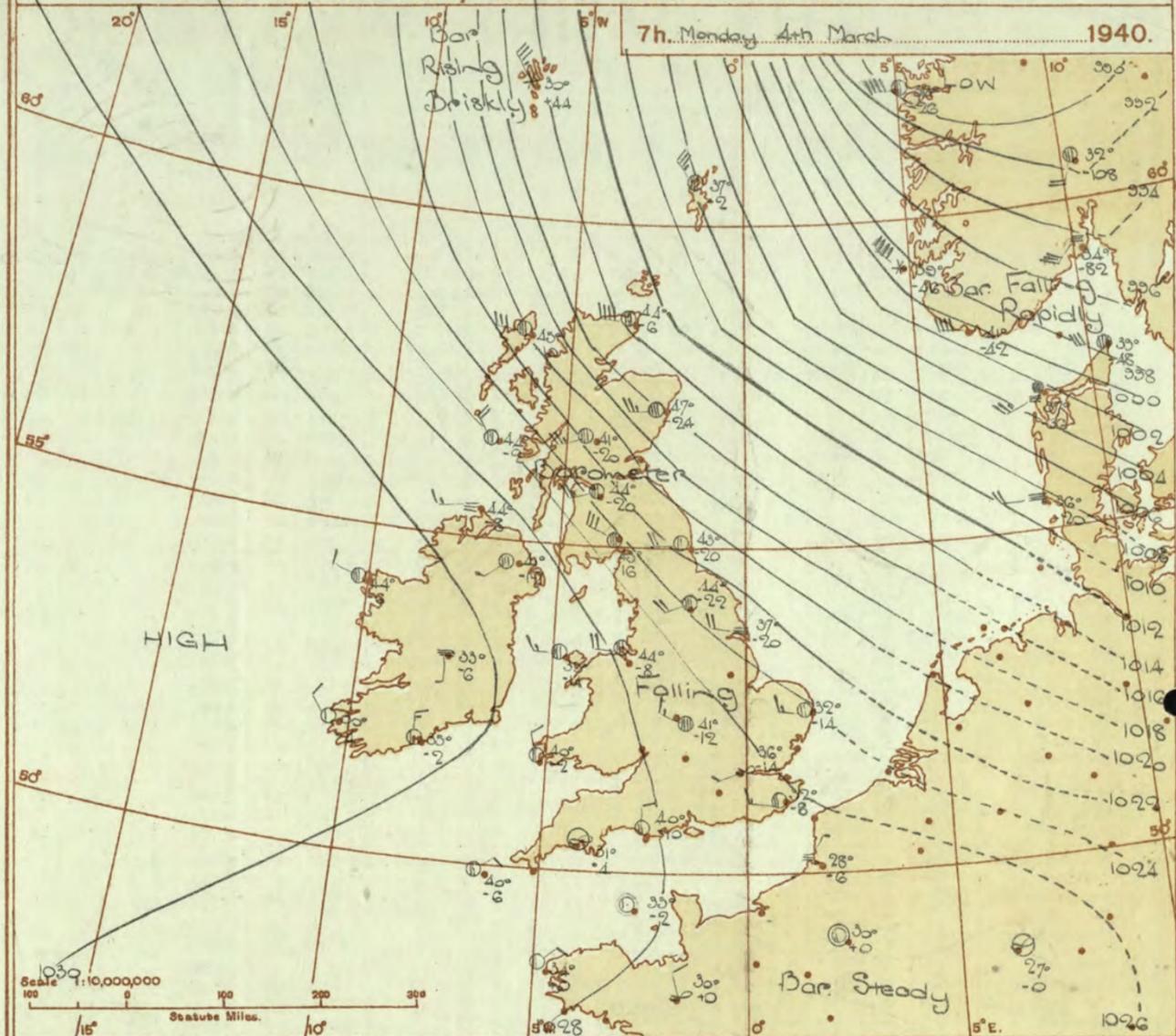
THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Table with columns for District, Stations, Observations at 13h. G.M.T. 3rd March, Observations at 18h. G.M.T. 3rd March, and Past 24 Hours. Includes weather codes and symbols.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

Table explaining weather symbols and abbreviations. Columns include: COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER; COLUMNS 9, 23.—FORM OF LOW CLOUD; COLUMNS 10, 24.—FORM OF MEDIUM CLOUD; COLUMNS 11, 25.—FORM OF CIRRUS CLOUD; COLUMNS 12, 13, 26, 27.—FORM OF CLOUD; COLUMNS 29.—STATE OF GROUND.

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th March, 1940.
1 S.E. England	Freshening northwest wind, strong locally near East coast; cloudy, local rain at first; bright intervals and local wintry showers later; becoming colder with frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Moderate northwest wind; bright intervals, local showers, becoming colder with frost at night.
5 S.W. England	Fresh northwest winds, strong locally on coasts; bright intervals, local wintry showers. cold, frost at night.
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.Scotland.	Wind northwest to north strong to gale decreasing slowly; bright intervals, wintry showers; cold.
14 Mid Scotland	Moderate northwest wind, fresh locally on coasts; cloudy with local rain at first; bright intervals later, becoming colder with frost at night.
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.

An anticyclone centred off Northwest Ireland is receding westwards and an intense depression over Southern Norway is moving southeast. A new anticyclone is developing over East Greenland. Cold northerly winds will spread southwards over the British Isles with wintry showers in the North and East.

FURTHER OUTLOOK.

Continuing cold with frost at night; wintry showers in the North and East.

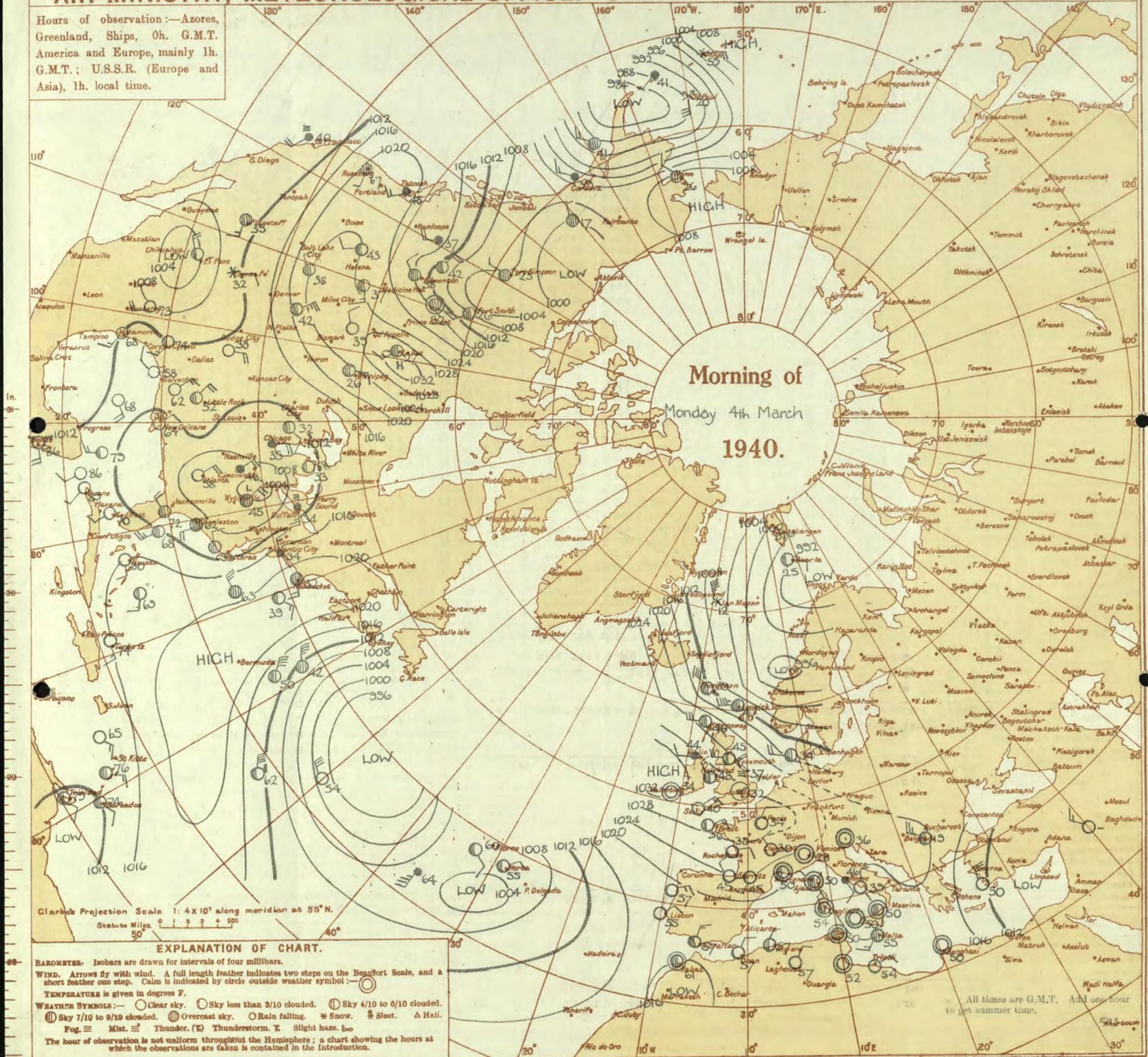
Time of Issue of Gale Warnings.
 Gale warnings issued in district 16 at 1920 on 3/3/40; in districts 11, 13B and 15 at 0545 on 4/3/40; in districts 2 (part of) and 10 at 0805 on 4/3/40.

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.



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

EXPLANATION OF CHART.

- BAROMETER.** Isobars are drawn for intervals of four millibars.
- WIND.** Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
- TEMPERATURE** is given in degrees F.
- WEATHER SYMBOLS:** ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. * Sleet. △ Hail. Fog. ≡ Mist. ≡ Thunder. (≡) Thunderstorm. ≡ Slight haze. ≡
- The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table of weather observations at 1 hr. G.M.T., 7 hr. G.M.T., and Past 24 Hours. Columns include District, Stations, Height above M.S.L., Barom., Change in 3 hours, Wind (Dir., Force), Weather, Temp., Humid., Visibility, Cloud (Form, Amount, Height), and Temperature/Rainfall for the past 24 hours.

LONDON OBSERVATIONS table with columns for Day 7h-18h, 9h-18h, 9h-21h, and 24 hrs. ended 9h. Includes data for Kew, Croydon, Greenwich, City, Westminster, Regent's Park, Camden Square, Kensington, and Hampstead Observatory.

Table with columns for Weather, Temperature (Day Max, Night Min, Min. on Grass), Rainfall (Day, Night), Sunshine, Humidity (15h, 9h), and Visibility. Includes a section for Atmospheric Pollution (Milligrams of Solid Impurity per cubic metre).

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed instructions for interpreting the data in columns 2, 16, 4, 18, 8, 22, 30, and 34, 35.

FOREIGN OBSERVATIONS table with columns for Stations, Barom., Wind (Dir., Force), Weather, Temp., and Barom. Change. Lists observations for Paris, Brussels, Berlin, Zurich, and Rome.

Table with columns for 18h. G.M.T., 7h. G.M.T., and Past 24 Hours. Includes sub-tables for South Kensington, Kew Observatory, and Beaufort Scale of Wind.

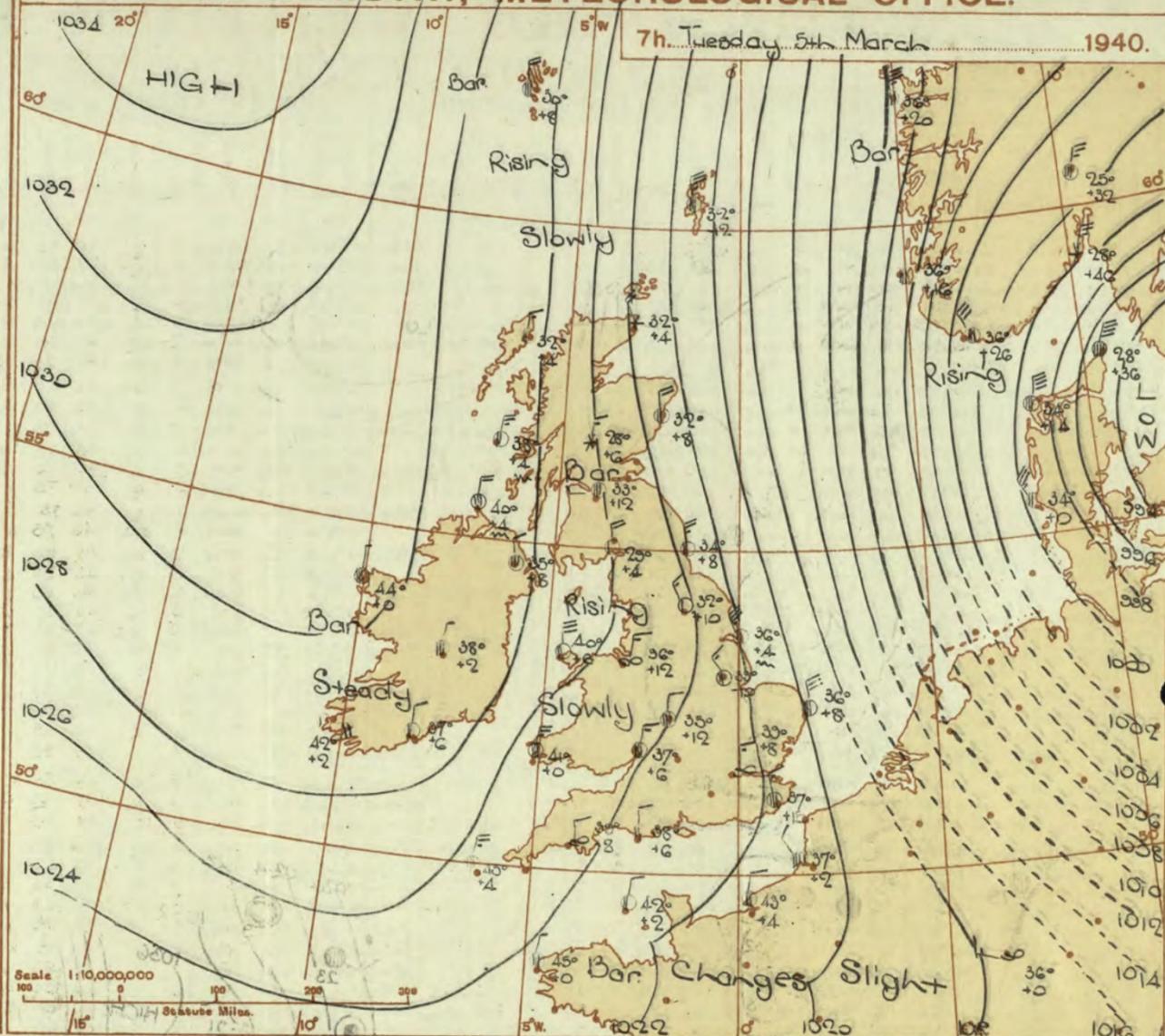
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 4th March														OBSERVATIONS at 18h. G.M.T. 4th March														PAST 24 HOURS.					
Diurnal.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.							
				Dir.	Force. 0-12 (4)				Form.	Amount. Low Total 0-10 0-10 (10) (11) (12) (13)	Height of Base. (feet) (14)	Dir.			Force. 0-12 (18)	Form.				Amount. Low Total 0-10 0-10 (23) (24) (25) (26) (27)	Height of Base. (feet) (28)	7h.—13h. 4h. (37)	13h.—18h. 4h. (38)			18h.—to 5h. (39)	1h.—7h. 5h. (40)						
1	London (Kew)...	1023.8	-14	W	3	45	75	5	5	0	0	2500	1020.9	-8	WSW	2	46	85	5	5	0	0	1	0	1	1	*	cm, xmo	cbabm	bbcm	cza		
	Croydon ...	1024.0	-18	NW	4	44	85	5	5	0	0	800	1020.9	-14	WSW	3	47	85	5	5	0	4	1	0	1	1	*	cm	cbcm	bbcm	cza		
	S. Farnborough	1024.0	-16	W	4	47	75	7	7	0	0	2500	1021.2	-4	WS	2	50	75	8	8	0	1	0	1	1	*		cbcb	bbcm	cm			
	Boscombe Down	1025.1	-10	NW	3	49	55	6	6	1	0	2500	1022.8	-4	WN	2	46	85	6	6	0	3	0	2	3	1	*		bc	bbcm	cm		
	Calshot (Soton.)	1024.6	-22	NW	3	49	65	6	6	2	0	2500	1021.8	-2	WNW	3	50	65	6	6	0	1	0	2	3	1	*	bm, xbcz	bczcy	bbcm	cm		
	Lympne	1025.0	-18	NW	3	44	75	6	6	0	0	1500	1020.1	-6	WN	2	45	75	6	6	0	2	0	4	6	1	*	bczm	cbcz	bbcm	cm		
	Manston	1025.0	-18	NW	3	44	75	6	6	0	0	1500	1019.3	-2	WN	2	46	75	4	4	0	2	0	2	3	0	*		cbcz	bbcm	cm		
2	Shoeburyness ...	1022.9	-18	WS	4	48	85	5	5	7	2	0	7.8	-	WN	2	48	85	5	5	7	2	0	2.3	1	1	*	mc	bczm	bbcm	c		
	Felixstowe ...	1023.7	-20	WNW	4	49	75	6	6	3	8	0	4.6	-	NW	4	49	85	5	5	2	0	2.3	1	3	1	*	ofcm	bczm	bbcm	cm		
	Gorleston ...	1019.5	-16	WNW	4	48	85	5	5	0	0	2500	1018.0	+4	NW	3	52	75	6	5	0	3	9	2500	0	2	*	bc, ofaz	cbcz	bbcm	cm		
	Mildenhall ...	1021.0	-26	W	4	54	65	6	6	7	0	10	10	-	WN	4	46	75	6	5	4	7	2.3	4000	0	*	ofcm	bczm	bbcm	cm			
	Cranwell ...	1020.7	-22	WN	5	52	65	5	5	0	0	5700	1020.2	+6	WN	3	45	75	5	5	4	4	4.6	2500	0	*	bc, xmn	bczm	bbcm	cm			
3	Birmingham	1024.4	-10	NW	3	44	85	5	5	0	0	1500	1022.4	+2	NW	4	45	75	7	5	0	6	2.3	2.3	1500	1	*	oc	bc	bbcm	bcc		
	Upper Heyford	1024.7	-14	WNW	4	45	85	6	5	0	0	800	1022.1	+2	NNW	5	44	75	5	5	0	7	7.8	800	1	*	cm	bc, bm	bbcm	bcc			
	Ross-on-Wye ...	1024.3	-20	WS	2	52	55	7	7	1	0	1	1	-	NW	4	44	75	5	5	2	1	2.3	1500	1	*	bc, xcz	bc	bbcm	bcc			
5	Hartland Point	1028.0	-2	NNE	2	42	92	8	5	2	0	2500	1023.5	-8	NW	2	45	85	8	8	0	1	0	2.3	0	1	*	bbcc	bc	bbcm	bcc		
	Bristol ...	1025.7	-18	W	1	49	85	6	6	1	0	1	1	-	W	3	45	85	6	6	2	0	4.6	1	1	*	bc, xmm	bz, ybbe	bbcm	bcc			
	Portland Bill ...	1025.0	-10	W	2	46	85	8	1	0	0	4000	1022.5	-24	NNW	2	44	85	7	5	0	2	2.3	4000	1	2	*	bc	bbcm	bcc			
	Plymouth ...	1027.0	-10	NW	3	47	75	7	7	8	0	1	1	-	NW	3	49	65	6	6	0	0	0	1	2	1	*	bc, xmm	bz	bbcm	bcc		
	The Lizard ...	1027.8	-4	W	2	51	75	7	4	0	0	2500	1025.9	-2	NNW	3	47	85	7	4	0	2	2.3	2500	0	1	*	bc	bbcm	bcc			
	Soilly (St. Mary's)	1028.2	-6	N/E	2	50	65	7	5	4	5	4	5	-	N	2	47	85	7	7	0	0	0	1	0	1	*	bc	bbcm	bcc			
	Guernsey ...	1026.6	-10	NW	1	50	55	7	7	8	0	2.3	1	-	NNW	1	46	75	6	6	3	0	1	0	3	0	3	*	bc	b	bbcm	bcc	
6	Pembroke	1027.4	0	NNW	3	48	75	7	7	0	0	4.6	1026.1	-8	NE	4	42	97	6	8	0	3	9	1500	1	1	*	bc	bbcm	bcc			
	Holyhead ...	1026.9	-8	WNW	3	48	92	7	5	0	0	1500	1025.3	-6	WN	4	45	92	7	5	0	0	3	9	1500	1	2	*	bc	bbcm	bcc		
	Chester (Sealand)	1026.3	-18	NW	6	46	85	6	5	3	2	1	2.3	800	1023.5	-10	WNW	5	46	85	6	5	0	7	7.8	2500	1	*	bc	bbcm	bcc		
	Manchester	1025.0	-22	W	4	43	97	5	5	2	0	10	800	1022.7	-8	WNW	4	42	92	7	8	3	5	4.6	1500	1	*	cm, mdd	bc, dmc	bbcm	bcc		
10	Spurn Head	1018.5	-16	WNW	5	48	75	5	5	2	0	4.6	1018.0	0	WNW	5	44	85	6	5	0	3	7.8	800	0	3	*	bc, xbc	bbcm	bcc			
	Catterick	1019.5	-12	NW	5	52	65	8	2	7	1	7.8	4000	1020.4	+4	N	5	47	65	6	5	0	4	4.6	1500	1	2	*	bc	bbcm	bcc		
	Tynemouth	1019.3	0	WNW	6	50	65	8	2	3	2	4.6	2500	1020.1	+20	N	4	41	75	7	8	0	7	7.8	2500	1	2	*	bc	bbcm	bcc		
11	St. Abbs Head	1017.4	0	NW	6	49	75	8	8	6	4	9	2500	1019.2	+6	NW	6	40	65	8	8	6	7	7.8	2500	0	8	*	bc	bbcm	bcc		
	Leuchars	1018.3	0	WNW	6	51	55	9	8	1	2	3	4.6	4000	1020.5	+18	NN	4	43	45	8	5	0	3	4.6	4000	1	*	bc	bbcm	bcc		
	Retfrew (Abbots L.)	1021.7	-10	NW	5	49	75	8	7	1	7	8	2500	1022.5	+10	WNW	4	42	65	8	4	1	1	1	4000	1	*	bc	bbcm	bcc			
	Eskdalemuir ...	1020.3	-12	NW	6	48	65	8	5	0	0	1500	1021.0	+6	NW	4	42	65	8	5	0	0	4	4.6	2500	1	*	bc, xpr	bc, ybbe	bbcm	bcc		
	Point of Ayre ...	1024.8	-10	NW	5	46	97	8	8	2	2	2.3	1500	1024.0	0	NNW	5	44	92	8	8	4	4	2.3	2500	0	3	*	cm, id	bc	bbcm	bcc	
13A	Tiree ...	1025.1	0	SW	4	48	75	8	5	0	0	4000	1025.2	+2	NW	4	44	75	8	5	0	3	9	2500	0	4	*	bc	bbcm	bcc			
13B	Stornoway ...	1023.4	+4	NNW	6	48	65	7	8	7	7	8	2500	1025.3	+16	N	5	39	65	8	7	0	7	8	9	2500	1	3	*	bc	bbcm	bcc	
15	Dalwhinnie	1021.2	+2	WSW	4	43	55	7	4	6	0	2.3	78	2500	*	N	6	36	65	8	5	6	7	8	10	4000	4	*	bc	bbcm	bcc		
	Aberdeen	1018.0	+8	NNW	6	41	75	6	9	0	0	800	1020.2	+18	NNW	4	36	85	8	9	0	6	4	4	1500	1	3	*	bc, xpr	bc, ybbe	bbcm	bcc	
	Wick	1017.8	+32	WNW	8	41	55	7	8	6	2	4	7.8	1500	1018.6	+4	WNW	8	36	65	7	8	7	8	9	1500	1	3	*	bc, xpr	bc, ybbe	bbcm	bcc
	Lerwick ...	1011.4	+30	NW	8	32	92	7	8	7	0	3	800	1014.5	+4	WNW	7	32	85	7	8	7	7	8	800	4	*	bc, xpr	bc, ybbe	bbcm	bcc		
17	Blacksod Point...	1030.4	-2	NW	3	47	85	8	5	0	0	10	800	1023.6	-2	NW	2	47	85	8	5	0	3	9	1500	0	2	*	bc	bbcm	bcc		
	Malin Head ...	1027.1	-6	NW	4	49	75	8	5	4	4	6	7.8	5700	1027.6	+12	N	3	45	65	8	8	0	7	7.8	5700	0	3	*	bc	bbcm	bcc	
	Aldergrove ...	1026.7	-14	NW	4	48	75	8	5	0	0	800	1026.4	+6	NNW	4	45	75	7	5	0	1	4	6	7.8	1500	1	*	bc	bbcm	bcc		
19	Birr Castle ...	1030.2	-4	WSW	1	43	97	7	5	0	0	10	2500	1028.8	-2	WSW	1	45	85	7	5	0	3	9	2500	1	1	*	bc	bbcm	bcc		
	Valentia Obay. †	1030.3	-6	NW	3	50	65	7	0	6	0	2.3	1028.2	-6	NE	3	50	65	8	0	0	3	0	2.3	1	1	*	bc	bbcm	bcc			
	Roches Point ...	1028.0	-14	NNW	3																												

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday, 5th March 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th March, 1940.
1 S.E. England	Wind northerly moderate, strong squally on coast; fine apart from a few scattered showers inland; variable cloud wintry showers near East Coast; average day temperature inland; cold on coast, night frost.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind northerly moderate, fresh at first on coast; fine apart from a few scattered slight showers on coasts with northerly exposure; day temperature average, but rather cold in exposed places, night frost.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind northerly fresh, strong squally on coast; bright periods; wintry showers especially near coast; cold, night frost.
9 N. Midlands ...	
10 N.E. England	Wind northerly moderate, fresh on coast; bright periods, wintry showers on high ground and coasts with northerly exposure; cold, night frost.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 10 - 11.
13 { A.W. Scotl ^d . B.N.W. Scot- land.	
14 Mid Scotland	As 10 - 11.
15 N. E. Scotland	
16 Orkneys and Shetlands	As 10 - 11.
17 N. W. Ireland	
18 N. E. Ireland	Wind northerly light, moderate on coast; fine apart from a few scattered slight showers on coast; average day temperature but rather cold in exposed places; night frost.
19 S. E. Ireland	
20 S. W. Ireland	Wind northeast light; mainly fine; average day temperature; 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.

A vigorous depression over the Southern Baltic is moving southeast and pressure is high from Ireland to Greenland. A cold northerly air current now prevails over the British Isles and the North Sea and is likely to persist. Winds will be fresh or strong and squally in the north and east. Weather will be mainly fine in the west and southwest, but in the north and east there will be more cloud and squally wintry showers which will be frequent on exposed parts of the coast. Day temperatures will be about average in the south and west but it will be cold in the north and east with night frost.

FURTHER OUTLOOK.

Fair apart from showers near East Coast. Northerly winds decreasing and day temperatures tending to rise; night frost.

Gale Warning.

Warning of northwest gale in operation in districts 10, 11, 15 and 16.

Forecasts issued at 1000 G.M.T.

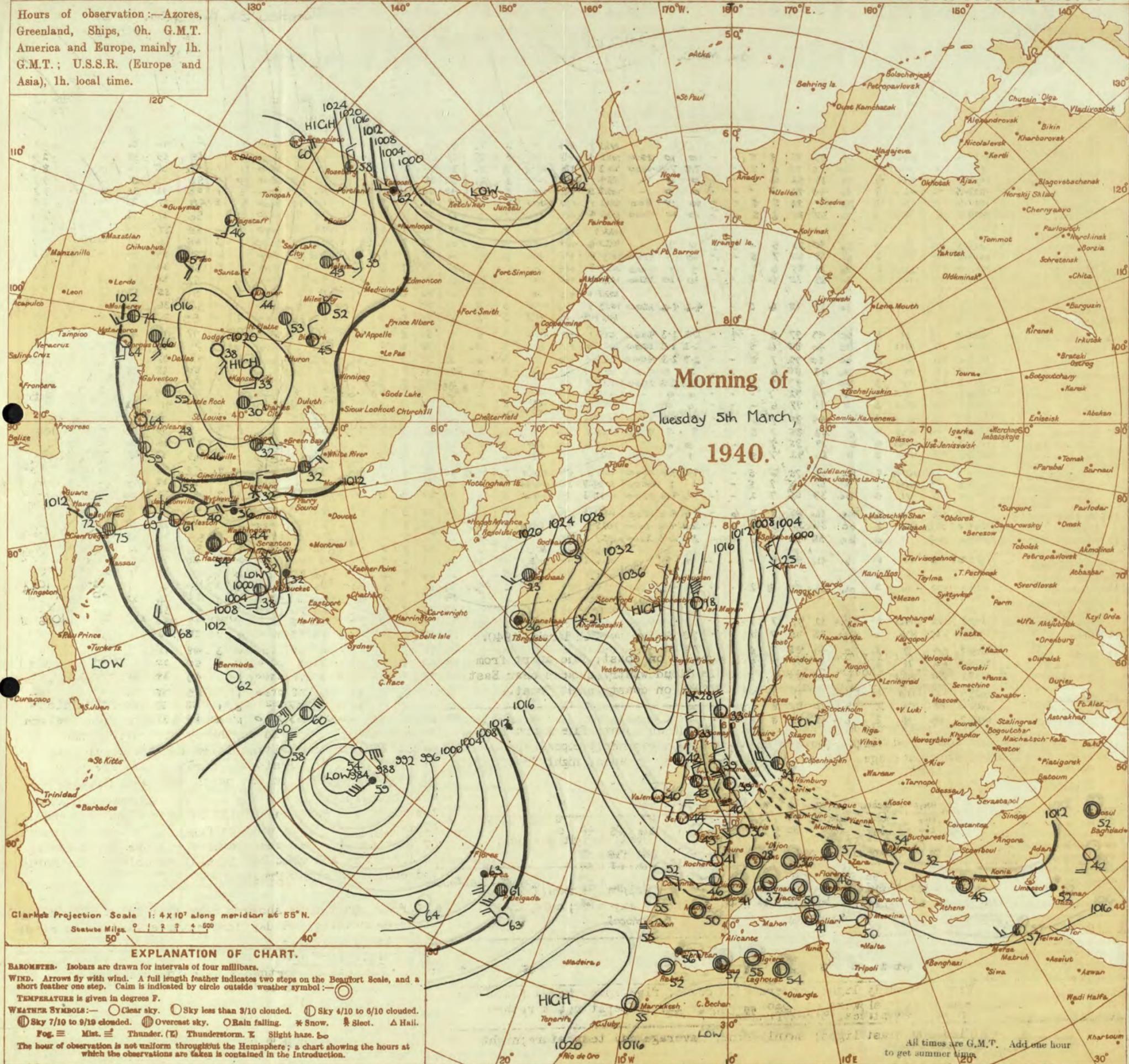
N. K. JOHNSON: D.Sc., A.R.C.S.,
Director.

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

2 205/1027 m. 5108. 0. 4465 20. 04/2/3450. 0/40

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 5 6 7 8 9 10

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table with columns for Observations at 1 hr. G.M.T., Observations at 7 hr. G.M.T., and Past 24 Hours. Includes sub-headers for Wind, Cloud, Temperature, Humidity, and Visibility.

LONDON OBSERVATIONS table with columns for Day, Night, and 24 hrs. ended 9h. Includes weather codes and temperature readings.

Weather, Temperature, Rainfall, Humidity, and Visibility tables for London and other stations.

Atmospheric Pollution table with columns for Milligrams of Solid Impurity per cubic metre.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed codes for wind, rain, and sea states.

FOREIGN OBSERVATIONS table for Paris, Brussels, Berlin, Zurich, and Rome.

Weather, Temperature, Rainfall, Humidity, and Visibility tables for foreign stations.

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Table with columns for District, Stations, Observations at 13h G.M.T. 5th March, Observations at 18h G.M.T. 5th March, and Past 24 Hours. Includes weather symbols and cloud notations.

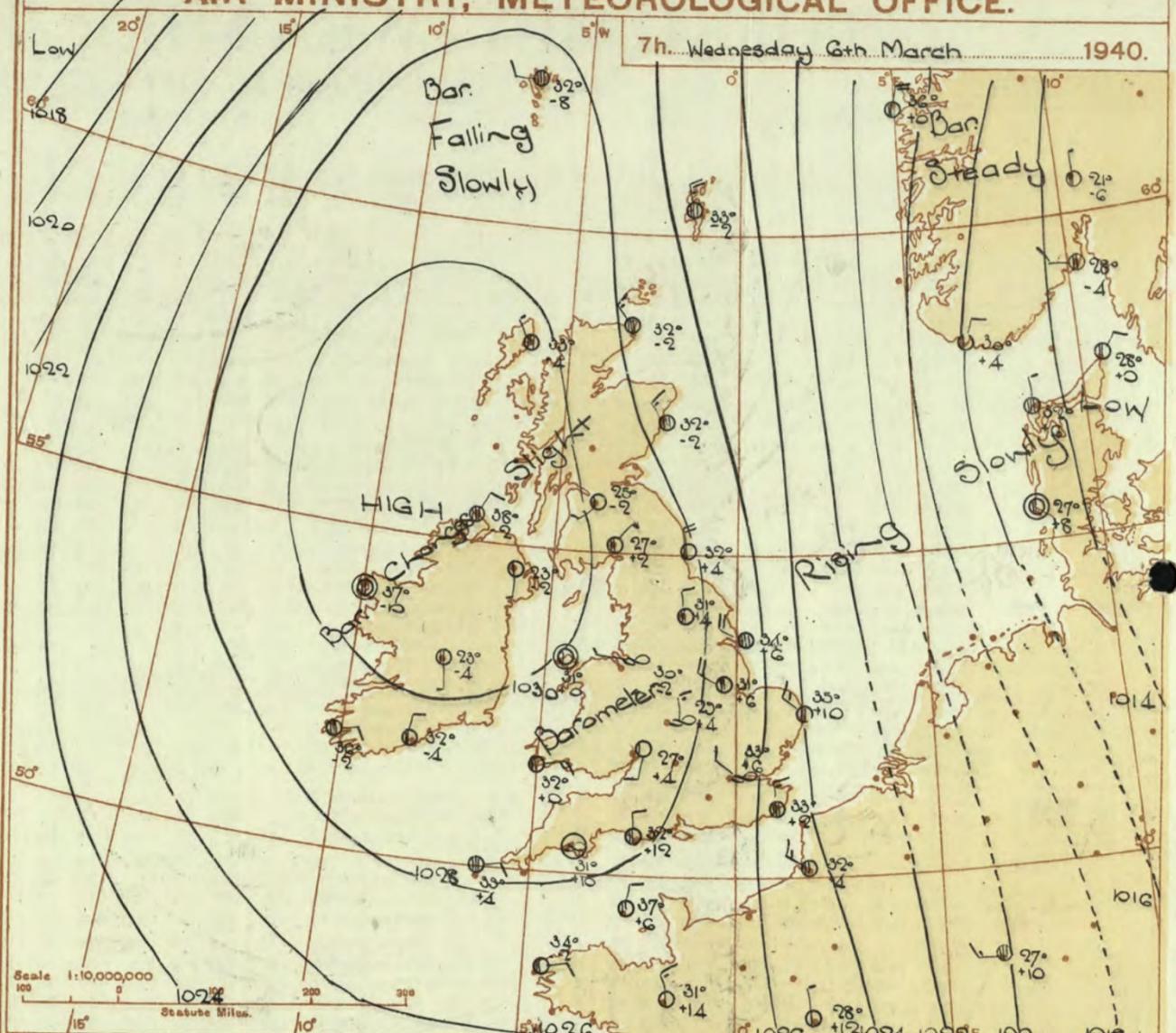
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

Table explaining weather symbols and cloud notations. Columns include: COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER; COLUMNS 9, 23.—FORM OF LOW CLOUD; COLUMNS 10, 24.—FORM OF MEDIUM CLOUD; COLUMNS 11, 25.—FORM OF CIRRUS CLOUD; COLUMNS 12, 13, 26, 27.—FORM OF CLOUD; COLUMNS 29.—STATE OF GROUND.

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 6th March 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th March, 1940.
1 S.E. England	Wind northerly moderate, fresh on coast; fair or fine apart from occasional wintry showers near East Coast; cold, night frost.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind northeast light or moderate; mainly fine; average day temperature, night frost.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind northerly, light; mainly fine; average day temperature, night frost.
8 N.W. England	
9 N. Midlands ...	As 1 - 3.
10 N.E. England	
11 S.E. Scotland	As 7 - 8.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland B.N.W. Scotland	Wind northwest light, backing southwest moderate; fair to-day, cloud increasing with occasional rain to-morrow; cold but temperature rising.
14 Mid Scotland	
15 N. E. Scotland	As 7 - 8.
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind variable light; fine; average day temperature, night frost.
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 to the northwest of the British Isles is moving slowly southeast and decreasing in intensity. A deepening depression to the northwest of Iceland will move east and then southeast. There will be occasional wintry showers near the East Coast and occasional rain later in the north of Scotland but elsewhere weather will be fair or fine. Day temperature will be rather low in the East but about average in the West. Night frost will occur in most districts.

FURTHER OUTLOOK.

Fair in most districts with temperature rising; occasional rain in the Northeast.

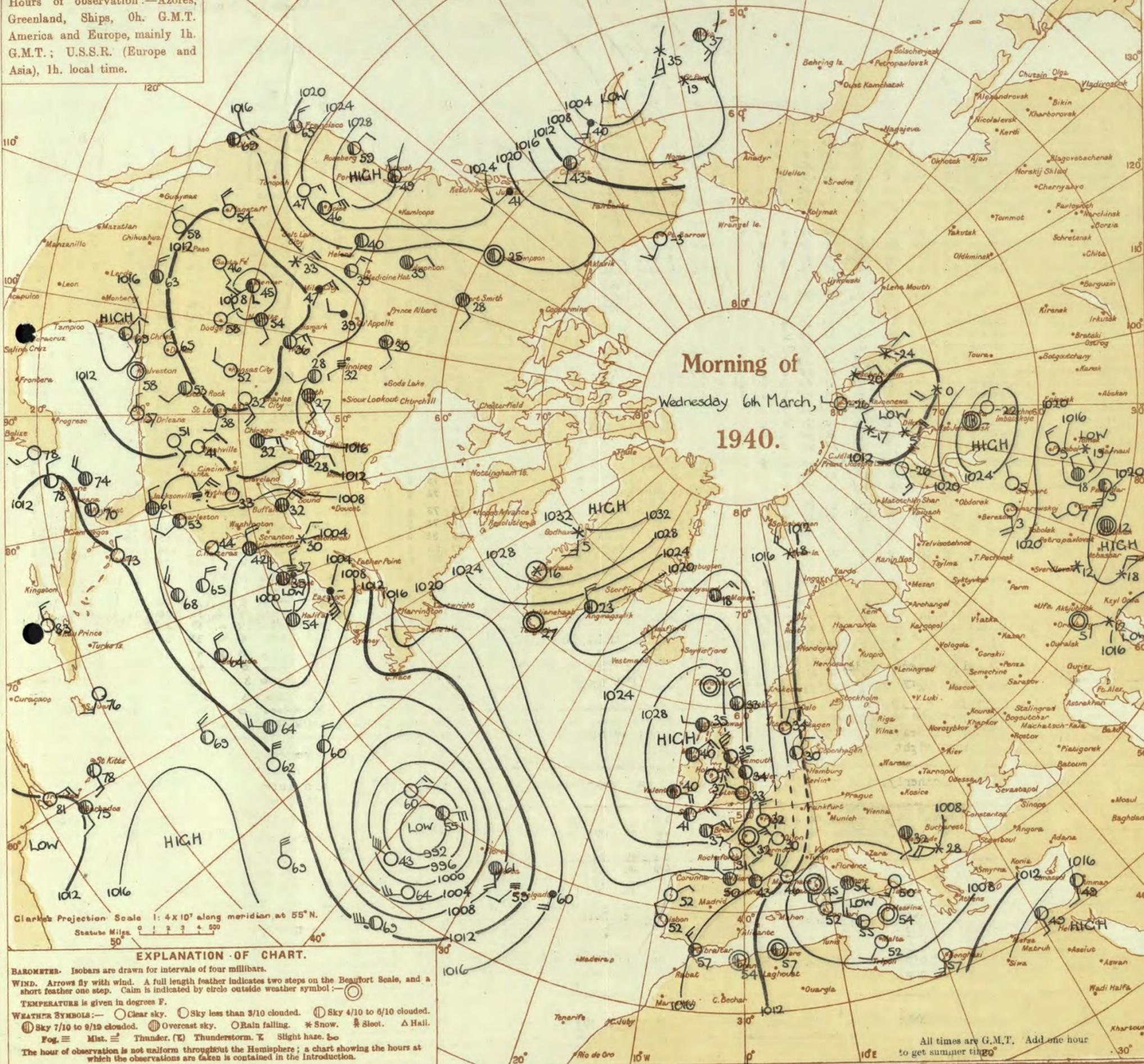
Forecasts issued at 1000 G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House, S.E.1. © 475/1937 No. 8109. D. 4600. 20. 045/2/430. 2/46



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.

Main table of weather observations at 1 hr. G.M.T., 7 hr. G.M.T., and Past 24 Hours. Columns include District, Stations, Barom., Wind, Weather, Temp., Humid., Visibility, Cloud, Height of Base, etc.

LONDON OBSERVATIONS table with columns for Day Max, Night Min, 24 hrs. ended 9h, Sun. to Sunset, Humidity, and Atmospheric Pollution.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed definitions for columns 2, 4, 6, 8, 22, 30, and 34.

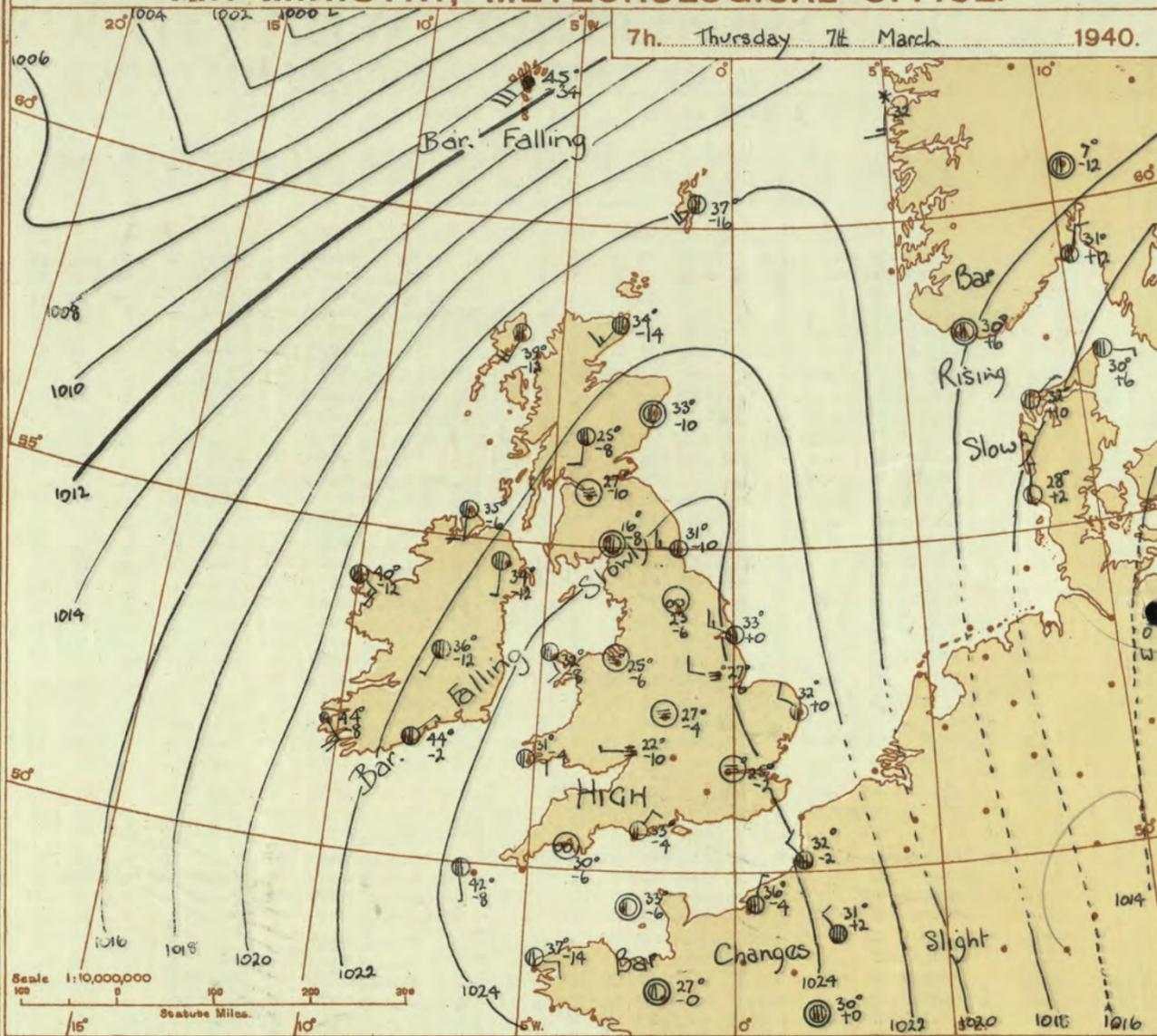
FOREIGN OBSERVATIONS table listing data for Paris, Brussels, Berlin, Zurich, and Rome.

Summary table for Foreign Observations with columns for Stations, Barom., Wind, Weather, Temp., Humid., Visibility, Cloud, Height of Base, etc.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed definitions for columns 2, 4, 6, 8, 22, 30, and 34.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 7th March 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th March 1940.
1 S.E. England	Wind light variable becoming west to southwest; fair or fine; local fog and frost inland tonight but day temperature higher than of late.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind west to southwest, light or moderate; fair; average temperature
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind south moderate; cloudy; local drizzle on coast; becoming rather mild.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

BAROMETRE. 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 England and France is drifting slowly south and decreasing in intensity. A complex low pressure system near Iceland is moving east and another depression north of the Azores is spreading slowly northeast. Weather will continue fine over England and Wales today with day temperature somewhat higher than of late but there will be local fog and frost tonight in the South. It will be cloudy and rather mild with occasional rain or drizzle in the extreme northwest of the British Isles.

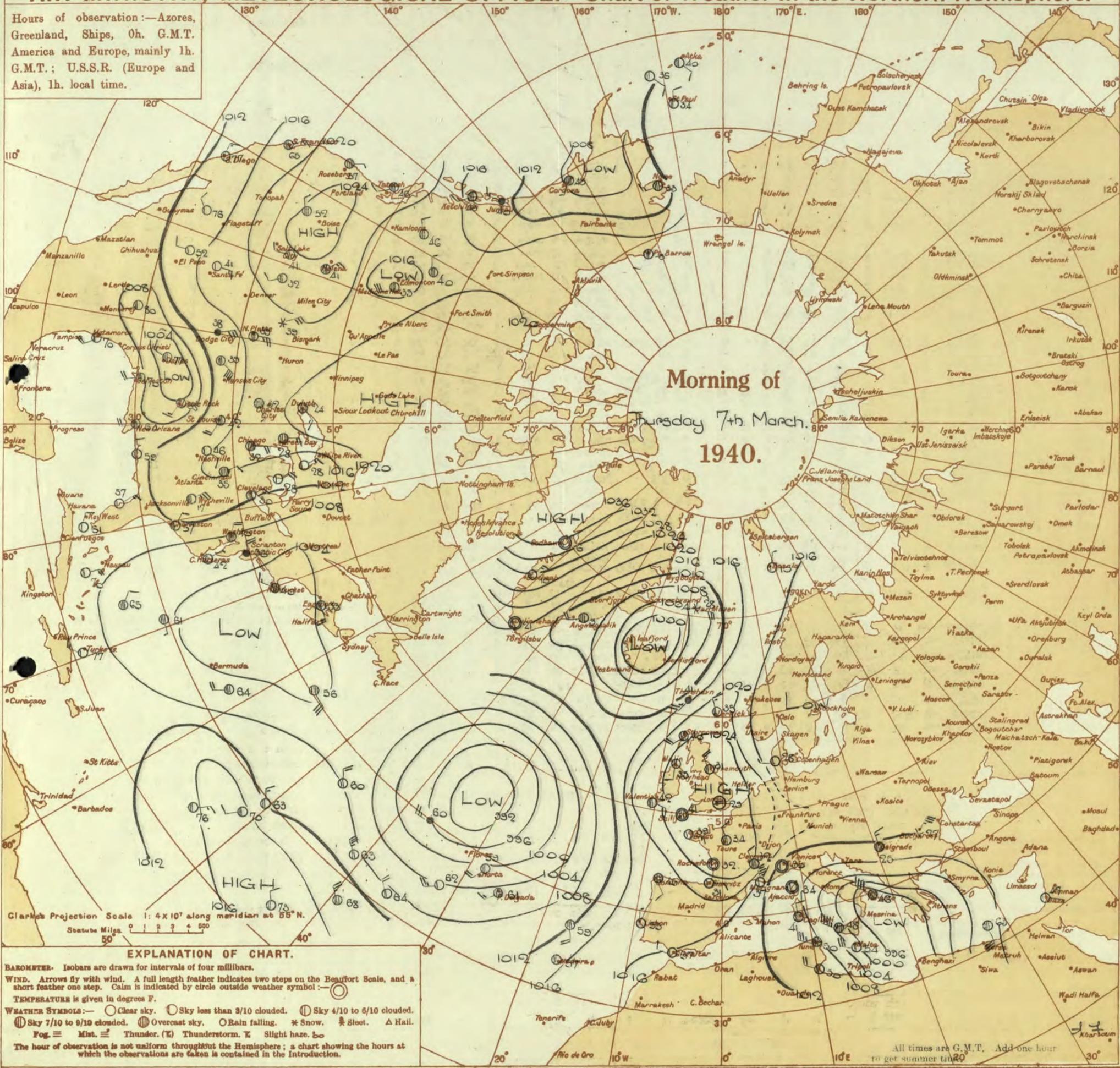
FURTHER OUTLOOK.

Fair with higher temperature in the South; mild and unsettled in the North.

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. © 425/3827 M. 9109. D. 1426. Q. 048/23480. 0/100

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.



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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol:—○
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS:—○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. † Sleet. △ Hail. Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. T Slight haze. ☁
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the introduction.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table with columns for District, Stations, Observations at 1 hr. G.M.T., Observations at 7 hr. G.M.T., and Past 24 Hours. Includes weather, temperature, humidity, wind, and cloud data for various locations.

LONDON OBSERVATIONS

Table for London Observations with columns for Day, Night, Min. on Grass, and other metrics for various London locations like Kew, Croydon, and Westminster.

EXPLANATION OF FIGURES, LETTERS, etc.

Table explaining figures and letters used in the report, including barometric tendency, wind scale, and visibility codes.

FOREIGN OBSERVATIONS

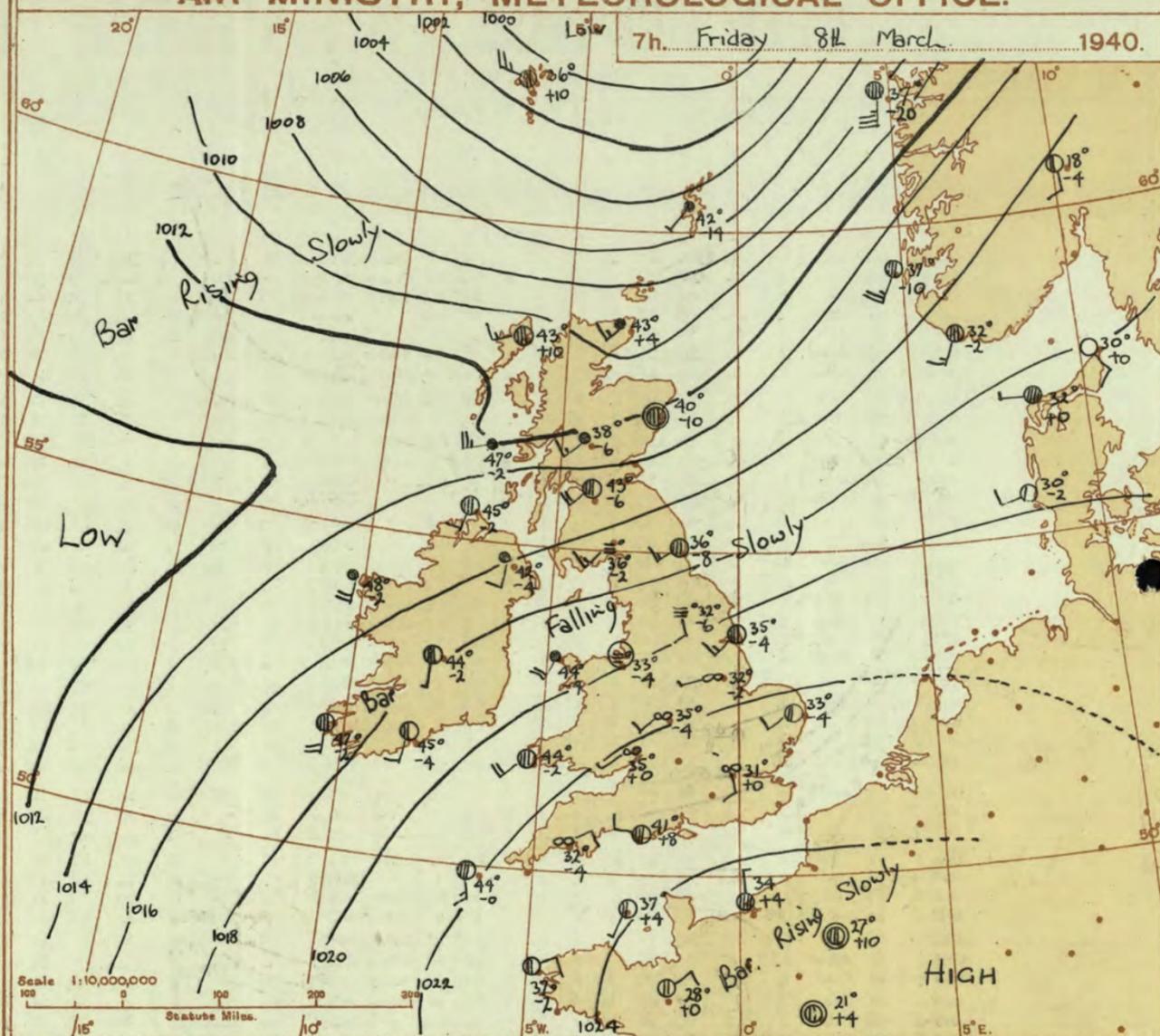
Table for Foreign Observations listing stations like Paris, Brussels, Berlin, Zurich, and Rome with their respective weather and temperature data.

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 7th March														OBSERVATIONS at 18h. G.M.T. 7th March														PAST 24 HOURS.									
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.			Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.													
				Direc. (3)	Force. 0-12 (4)				Weather. (5)	Form. (9)	Amount. (10)			Height of Base. (feet) (14)	Direc. (17)				Force. 0-12 (18)	Weather. (19)	Form. (23)			Amount (24)	Height of Base. (feet) (28)	7h.-13h. 7th. (37)	13h.-18h. 7th. (38)	18h.-7h. 1h.-8th. (39)	7h.-7h. (40)								
																														Low.	Med.	High	Low	Total	Low	Total	Low
1	London (Kew)...	1023.7	-10	NW	1	Zo	41	55	6	7	-	7.8	7.8	4000	1023.1	0	-	0	Zo	39	55	5	5	7	-	1	7.8	4000	1	*	bffxczcy	cbcczcy	cybcx	blccmx			
	Croydon ...	1024.2	-6	-	0	Zo	38	75	5	2	-	1	4.6	7.8	4000	1023.0	-4	-	0	bctf	39	75	3	5	-	2-3	2-3	4000	1	*	bcmzoz	czbczobf	bcfmm	bmobcmx			
	S. Farnborough	1023.8	-14	-	0	Zo	44	55	6	2	-	-	2-3	2-3	4000	1022.7	-2	E	1	Zo	40	55	6	1	3	1	Tr	2-3	5700	1	*	bxmfzcy	bczcy	bcfmm	bfbcmx		
	Boscombe Down	1023.6	-16	WSW	1	Zo	44	45	5	-	7	-	0	2-3	-	1022.4	-2	W	1	Zo	40	55	6	-	3	1	0	4.6	-	0	*	bmzbx	bzbc	cmobmo	cmox		
	Calshot (Soton.)	1024.2	-10	SE'E	1	Zo	44	65	6	-	3	-	0	Tr	-	1022.5	-6	WSW	2	Zo	40	75	6	-	7	5	0	4.6	-	0	*	bmzbx	bczcy	bczbx	bcffx		
	Lympe	1023.9	-6	MNW	2	c	39	65	8	2	-	6	9	9	4000	1023.3	+2	SW	1	c	37	75	7	5	7	-	7.8	9	7200	1	\$	bmz	cbcy	cbc	bcbrmx		
	Manston	1023.6	-6	MNW	3	Zo	39	65	6	7	7	-	4.6	7.8	1500	1023.0	-2	WNW	1	Zo	37	65	6	5	4	-	4.6	4.6	4000	0	*	bczmxz	cbcm	bczbx	bbcmx		
2	Shoeburyness ...	1023.6	-8	N'E	1	c	42	65	7	9	-	-	7.8	7.8	5700	1023.1	0	MNW	1	bc	36	85	5	-	3	-	0	2-3	-	1	*	bczmxz	bc	brno	brmx		
	Felixstowe ...	1022.8	-8	NW	2	c	43	55	7	8	-	-	9	9	2500	1022.3	0	NE	1	c	37	75	6	4	6	-	2-3	2-3	4000	1	1	*	bmzbx	cyzbcz	brno	brmbmx	
	Gorleston ...	1022.8	-2	N'W	3	c	40	65	7	8	-	-	7.8	7.8	2500	1022.6	0	NW	1	c	38	75	6	5	3	-	4.6	7.8	2500	0	1	*	bczbx	cphc	cbcbz	bczx	
	Mildenhall ...	1023.2	-10	NW	2	Zo	41	65	6	2	-	8	7.8	7.8	2500	1022.5	-4	NW	1	Zo	36	75	6	-	3	-	0	4.6	-	0	*	bczbx	bcy	bczbx	brmbmx		
	Cranwell ...	1023.2	-12	WNW	1	Zo	42	45	6	-	3	-	0	9	-	1022.3	-4	-	0	Zo	33	85	5	-	3	-	0	7.8	-	0	*	bczbx	bczcy	bczbx	brmbmx		
3	Birmingham	1023.9	-6	SSW	1	Zo	38	45	5	-	3	-	0	9	-	1022.1	-4	-	0	Zo	39	45	5	5	4	6	1	4.6	2500	1	*	bcz	bcz	bcz	bcz		
	Upper Heyford	1024.1	-18	-	0	c	43	55	7	-	3	-	0	7.8	-	1022.8	-4	-	0	Zo	39	65	6	-	3	1	0	2-3	-	1	*	bcz	bcz	bcz	bcz		
4	Ross-on-Wye ...	1023.1	-16	W	1	bc	42	55	7	-	3	1	0	4.6	-	1021.8	-8	S	1	Zo	40	65	5	5	3	-	2-3	9	4000	1	*	bcz	bcz	bcz	bcz		
5	Hartland Point	1023.6	-8	NE	2	c	40	75	8	5	2	-	7.8	10	2500	1022.1	-6	WSW	3	c	43	75	7	5	-	9	9	1500	0	2	*	bcz	bcz	bcz	bcz		
	Bristol ...	1024.2	-12	-	0	c	44	55	6	7	3	8	1	7.8	2500	1022.7	-2	W	1	c	40	55	7	-	3	-	0	9	-	1	*	bcz	bcz	bcz	bcz		
	Portland Bill ...	1024.1	-10	W	2	bc	43	92	8	5	-	-	4.6	7.6	4000	1022.5	-10	W	2	bc	41	92	7	5	-	4.6	4.6	4000	0	1	2	*	bcz	bcz	bcz	bcz	
	Plymouth ...	1024.1	-10	SSW	3	Zo	45	65	6	5	-	-	7.8	7.8	5700	1022.8	-6	W	2	Zo	44	75	6	5	-	2-3	2-3	4000	0	1	2	*	bcz	bcz	bcz	bcz	
	The Lizard ...	1024.1	-4	S	3	c	45	65	7	8	2	-	7.8	9	2500	1023.5	-4	S	2	bc	43	65	8	4	-	2-3	2-3	2500	0	1	2	*	bcz	bcz	bcz	bcz	
	Soilly (St. Mary's)	1023.8	-2	SSE	2	c	45	55	7	5	4	2	4.6	9	2500	1022.4	-6	S'E	2	bc	45	65	7	8	4	-	2-3	4.6	2500	0	0	1	*	bcz	bcz	bcz	bcz
	Guernsey ...	1024.2	-6	-	0	bc	47	55	8	8	-	-	4.6	4.6	1500	1023.4	0	-	0	bc	41	65	7	-	1	-	0	2-3	-	0	1	*	bcz	bcz	bcz	bcz	
6	Pembroke ...	1023.5	-4	SSE	3	c	39	75	6	5	2	-	4.6	9	1500	1022.2	-4	ESE	2	c	41	92	7	5	-	9	9	1500	1	1	2	*	bcz	bcz	bcz	bcz	
7	Holyhead ...	1023.0	-6	S	3	c	42	65	8	5	3	-	4.6	9	4000	1021.2	-10	SSW	3	c	41	65	7	5	2	-	9	10	2500	1	2	*	bcz	bcz	bcz	bcz	
	Chester (Sealand)	1023.5	-12	SE	1	Zo	42	55	6	-	7	-	0	9	-	1022.1	0	-	0	Zo	28	65	6	5	2	-	7	6	2-3	9	2500	0	*	bcz	bcz	bcz	bcz
8	Manchester ...	1023.7	-10	SW	2	Zo	42	55	6	-	3	-	0	4.6	-	1022.3	-4	S	2	m	38	75	4	-	3	2	0	7.8	-	1	*	bcz	bcz	bcz	bcz		
10	Spurn Head ...	1022.9	-4	WNW	3	c	42	65	5	1	5	7	1	10	4000	1022.6	-2	SE	2	bc	37	75	7	-	7	-	0	4.6	-	0	1	2	*	bcz	bcz	bcz	bcz
	Catterick ...	1022.7	-14	-	0	Zo	40	65	6	7	3	9	4.6	9	5700	1021.5	0	W	0	Zo	39	65	5	5	-	9	9	4000	0	1	1	*	bcz	bcz	bcz	bcz	
	Tynemouth ...	1023.1	-8	W	2	bc	43	65	6	2	3	-	4.6	4.6	2500	1022.2	0	W	2	m	41	65	4	5	-	9	9	2500	0	1	1	*	bcz	bcz	bcz	bcz	
11	St. Abbs Head	1020.7	-18	SW	3	bc	41	55	8	4	2	-	2-3	2-3	2500	1019.3	-8	S	3	c	38	85	7	5	3	-	7.8	9	2500	0	1	2	*	bcz	bcz	bcz	bcz
	Leuchars ...	1020.4	-18	SW	2	Zo	43	55	6	-	7	5	0	1	-	1018.5	-6	SW	2	Zo	40	97	6	5	7	-	4.6	9	4000	1	*	bcz	bcz	bcz	bcz		
	Rentrow (Abbots L.)	1021.2	-18	SW	1	m	41	65	4	7	3	-	9	9	4000	1019.4	-8	-	0	c	40	70	7	5	7	1	4.6	7.8	4000	1	*	bcz	bcz	bcz	bcz		
	Eskdalemuir ...	1021.7	-10	SW	3	c	37	75	7	5	-	-	9	9	1500	1020.4	-4	SW	3	c	35	85	8	5	-	10	10	1500	3	*	bcz	bcz	bcz	bcz			
	Point of Ayre ...	1022.3	-8	SW	4	c	43	75	8	5	1	-	7.8	9	2500	1020.7	-2	SW	3	c	41	85	8	5	1	-	9	10	1500	0	2	*	bcz	bcz	bcz	bcz	
13A	Three ...	1018.1	-8	SSW	4	c	42	85	7	5	-	-	10	10	2500	1015.9	-6	SSW	4	bc	41	85	7	5	-	10	10	1500	1	3	*	bcz	bcz	bcz	bcz		
13B	Stornoway ...	1017.4	-24	SSW	5	c	42	75	8	5	7	8	4.6	10	4000	1014.8	-20	S	6	bc	42	92	6	5	2	-	9	10	1500	1	3	*	bcz	bcz	bcz	bcz	
15	Dalwhinnie ...	1019.6	-20	SW	3	c	37	45	8	4	7	-	4.6	10	4000	1018.3	-10	SW	3	c	36	75	6	4	1	-	2-3	10	2500	4	*	bcz	bcz	bcz	bcz		
	Aberdeen ...	1019.5	-18	S	3	bc	43	55	6	-	3	-	0	4.6	-	1017.7	-10	SSW	2	bc	39	65	6	-	5	7	0	4.6	-	0	1	2	*	bcz	bcz	bcz	bcz
	Wick ...	1018.4	-14	SSW	3	c	41	75	8	5	3	2	2-3	7.8	4000	1015.7	-12	S	3	c	40	85	7	5	7	2	4.6	9	2500	1	1	2	*	bcz	bcz	bcz	bcz
16	Lerwick ...	1016.5	-16	SW	5	pr	40	85																													

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 8th March 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th March, 1940.
1 S.E. England	Wind southwest light; fair, with variable cloud and bright intervals; temperatures approaching average by day; slight frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind south moderate; cloudy, with some bright intervals; occasional rain in North Wales; average temperature.
6 South Wales ...	
7 North Wales ...	As 10 - 12.
8 N.W. England	
9 N. Midlands ...	As 1 - 4.
10 N.E. England	Wind west moderate; cloudy, with occasional rain or drizzle and some hill fog; temperatures approaching average.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	Wind west, veering northwest in the North, moderate, fresh on coasts; cloudy, with occasional rain or drizzle; sleet later in the North; mild today, but becoming colder in the North tomorrow.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	Wind south, light to moderate; cloudy, with occasional rain or drizzle and much hill fog in the North and West; mild.
19 S. E. Ireland	
20 S. W. Ireland	

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

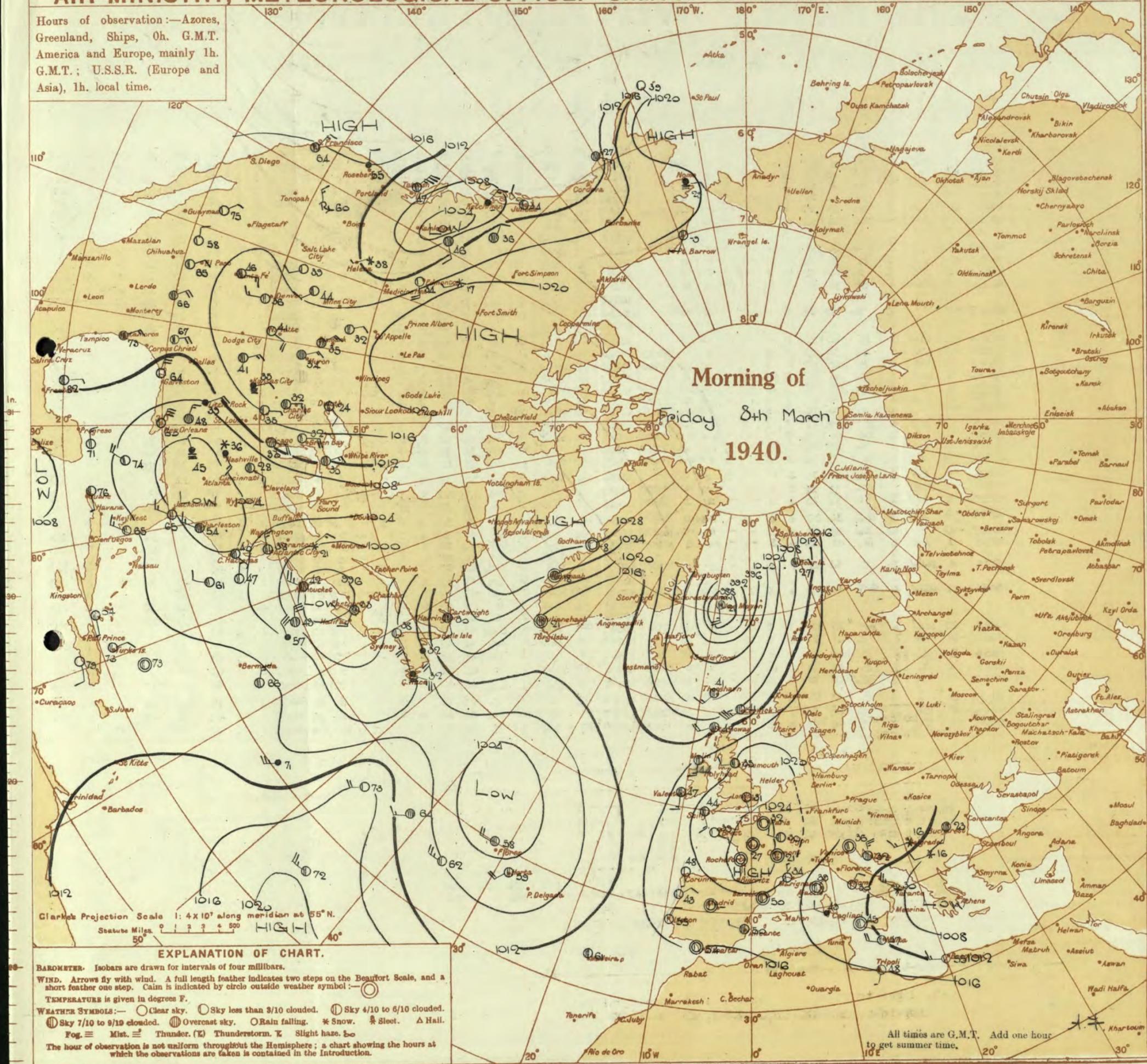
GENERAL INFERENCE.
 An anticyclone covers France and Western Germany. A deep complex low pressure system is almost stationary well to the northward of the British Isles, and an associated trough will move eastward across Scotland. Weather will be fair over most of England and Wales but with rather more cloud than of late. There will be occasional rain or drizzle in Scotland with sleet in the extreme north later. There will also be occasional rain in North Ireland and later in the West. Conditions will be mainly mild in the West and North.

FURTHER OUTLOOK.
 Fair in the Southeast; mild in North and West, with occasional rain.

Forecasts issued at 1030 G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S., Director.
 H.M.S.O. From Caradoc House, S.E.1. G.A.M. 1937. No. 2109. D. 4605. 20. 044/25450. 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.



Clark's Projection Scale 1: 4 X 10⁷ along meridian at 55° N.
 Statute Miles 0 1 2 3 4 5 6 7 8 9 10

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. (K) Thunderstorm. X Slight haze. ∞
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table of weather observations for 8th March 1940, including columns for District, Stations, Barom., Wind, Temp., Humid., Cloud, and Rainfall.

LONDON OBSERVATIONS Day 7h-18h, Kew & Croyd.

Table of London observations for Kew, Croyd, Greenwich, City, Westminster, Regents Park, Camden Square, Kensington, and Hampstead.

FOREIGN OBSERVATIONS.

Table of foreign observations for Paris, Brussels, Berlin, Zurich, and Rome.

Summary table for London observations including Weather, Temperature, Rainfall, Sun-shine, Humidity, and Visibility.

Summary table for foreign observations including Barom., Wind, Weather, Temp., and Rainfall.

Table for Atmospheric Pollution in Milligrams of Solid Impurity per cubic metre.

Table for Atmospheric Pollution in Milligrams of Solid Impurity per cubic metre.

EXPLANATION OF FIGURES, LETTERS, etc.

EXPLANATION OF FIGURES, LETTERS, etc. COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar. COLUMNS 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. COLUMNS 8, 22 - Code for surface visibility. COLUMNS 30 - Code for State of Sea. COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

BRITISH SECTION Saturday 9th March 1940. No. 28537

Table with columns for District, Stations, Observations at 13h G.M.T., Observations at 18h G.M.T., and Past 24 Hours. Includes weather codes and symbols.

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.

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

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.

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.

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).

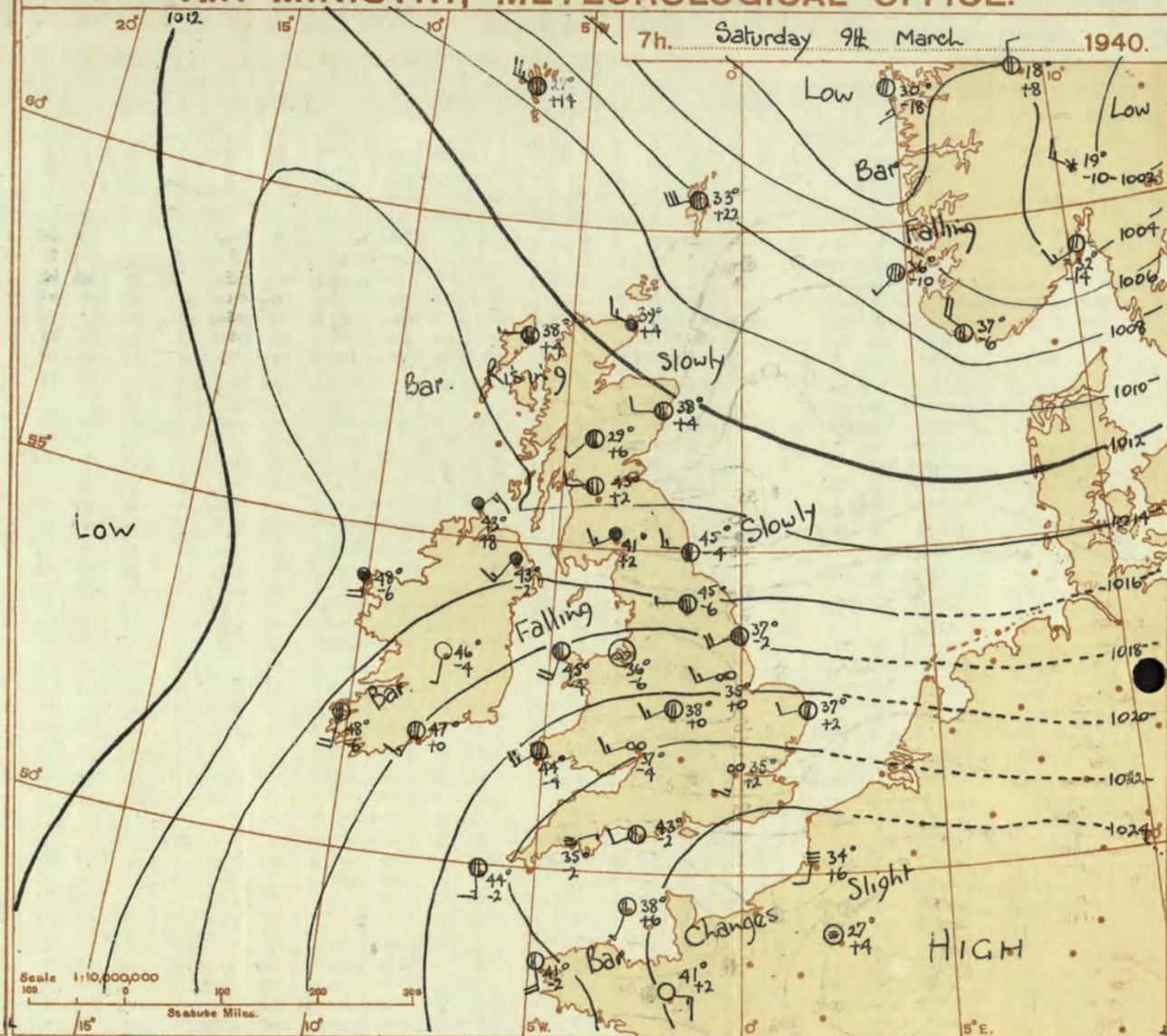
Cloud form abbreviations:—Cirrus, Ci; Cirrocumulus, Cc; Cirrostratus, Cs; Altopcumulus, Ac; Altostratus, As; Stratocumulus, Sc; Stratus, St; Nimbostratus, Ns; Cumulus, Cu; Cumulonimbus, Cb.

COLUMN 29.—STATE OF GROUND.

- 0 .. Ground dry. 1 wet. 2 flooded. 3 frozen hard and dry.

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.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th March, 1940.
1 S.E. England	Wind southwest, light to moderate; fair, with considerable bright periods; day temperatures approaching average; slight night frost.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind south to southwest, moderate; fair, with some bright intervals; average temperature.
6 South Wales ...	
7 North Wales ...	Wind mainly westerly, light to moderate; cloudy or dull; occasional rain and drizzle today; probably fairer tomorrow; average temperature to rather mild.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind northwest, moderate to fresh, falling light, finally southwest; cloudy, wintry showers at first; becoming fair; rather cold, night frost.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	Wind southwest to south, moderate; cloudy, occasional rain today; fairer tomorrow; rather mild.
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind southerly moderate; mainly cloudy; coastal drizzle in the West; 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.

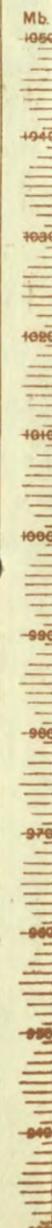
An anticyclone persists over France and Western Germany. A ridge extending across Ireland towards Iceland and a secondary depression over South Norway are both moving eastwards. Weather will continue fair in the southern half of the British Isles with slight night frost. Elsewhere there will be occasional rain or drizzle and conditions will be rather mild except in the extreme North.

FURTHER OUTLOOK.

Fair in the South, unsettled in the North with rather mild conditions generally.

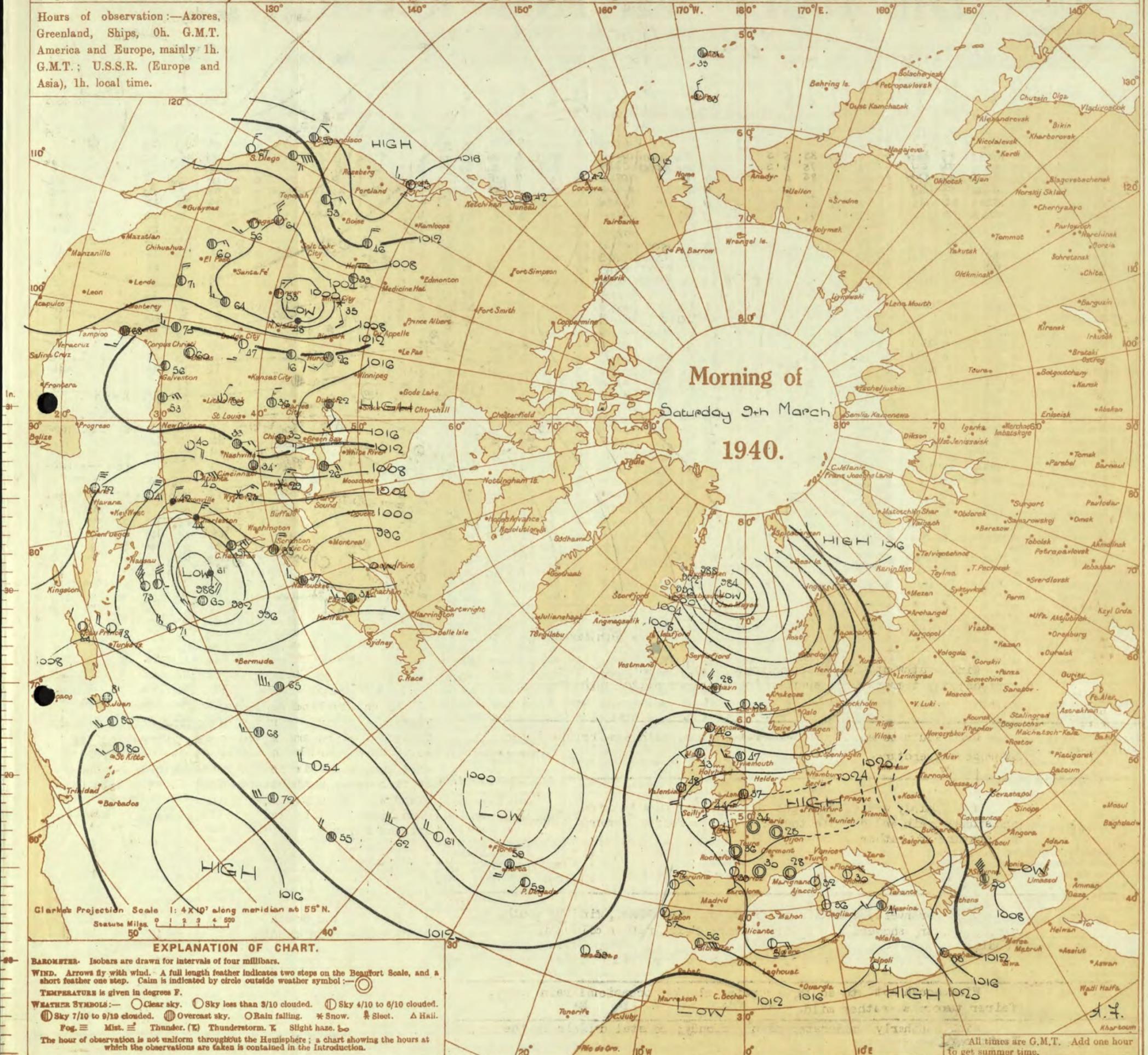
Forecasts issued at 1050 G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S.O. Press, Cornwall House & Co. Ltd. 416/3003, N. 0105, 04226, 04246, 15200, 3740



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 5 6 7 8 9 10

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. * Sleet. △ Hail. Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. K Slight haze. & Snow.

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

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table of weather observations for 9th March 1940, including columns for District, Stations, Barom., Wind, Weather, Temp., Humid., Cloud, and Rainfall.

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

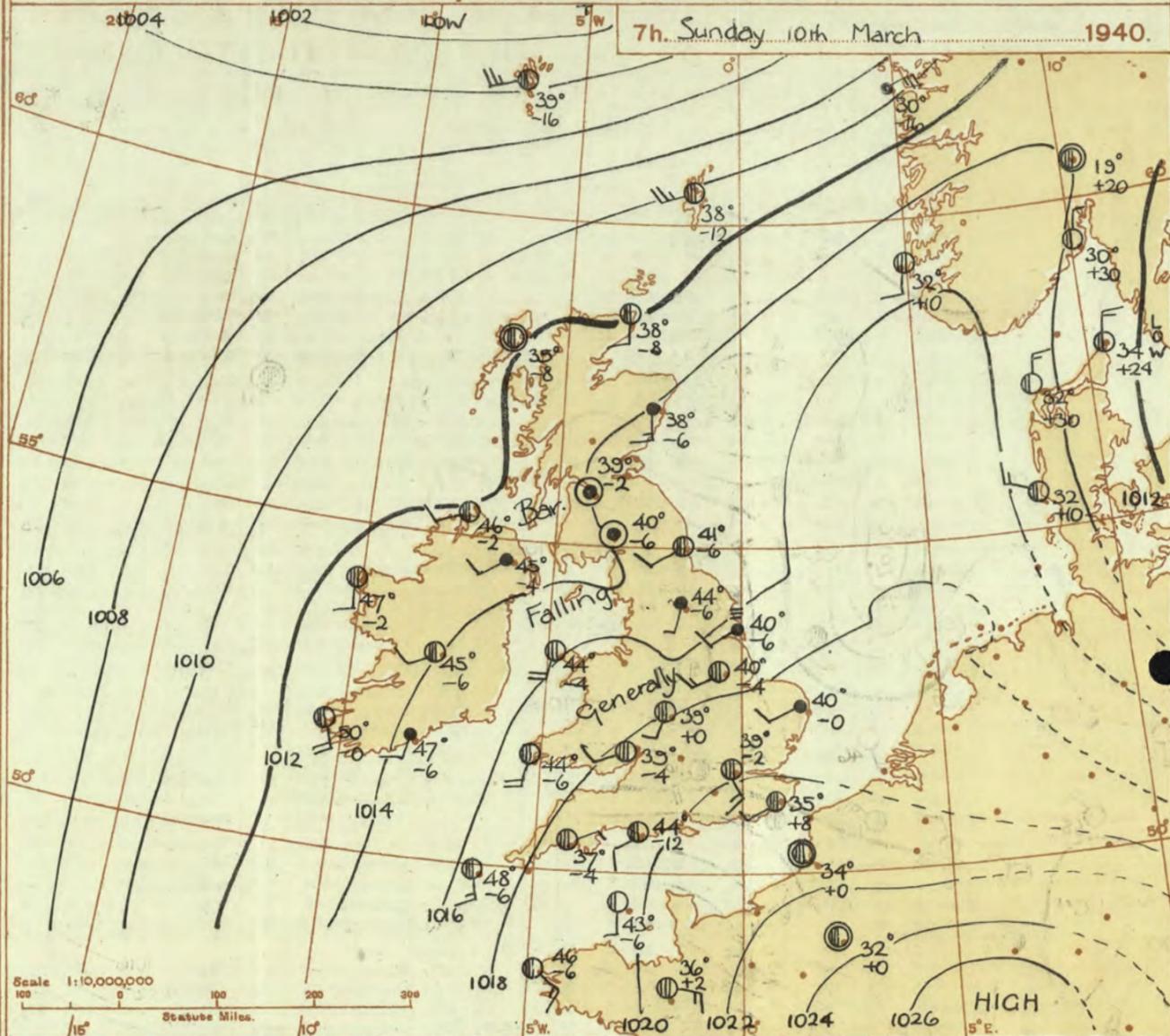
EXPLANATION OF FIGURES, LETTERS, etc. section providing detailed definitions for weather codes and symbols used in the report.

FOREIGN OBSERVATIONS table listing weather data for Paris, Brussels, Berlin, Zurich, and Rome.

EXPLANATION OF FIGURES, LETTERS, etc. section (continued) detailing barometric tendency, wind scale, and surface visibility codes.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 10th March 1940.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th March, 1940.

1 S.E. England	Wind south-southwest, light to moderate; fair with bright periods; becoming slowly milder by day; ground frost at night
2 E. England ...	Wind southwest, light to moderate, backing slowly; dull, occasional rain or drizzle at first; fair tomorrow; temperature rather below average.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	As 1.
7 North Wales ...	Moderate southerly wind; fair; rather mild.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind west to southwest, light; dull, occasional rain today; fair periods tomorrow; average temperature.
11 S.E. Scotland	Wind southwest, light, freshening later to strong at times off the northeast coast; cloudy or dull, occasional rain or drizzle; sleet or snow on high ground in the North later; changeable temperatures.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland B.N.W. Scotland.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind south, moderate, freshening tomorrow; dull, with occasional rain or drizzle and much hill fog; 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.

Pressure is highest over the Mediterranean. A trough of relatively low pressure from the Hebrides to Holland will move slowly northeast and a depression southeast of Iceland will move east-southeast. Weather will continue fair in southern England, south Wales and the Midlands and become slowly milder. Some rain or drizzle is expected in most other districts.

FURTHER OUTLOOK.

A more disturbed type of weather seems likely to develop.

Forecasts issued at 1030 G.M.T.

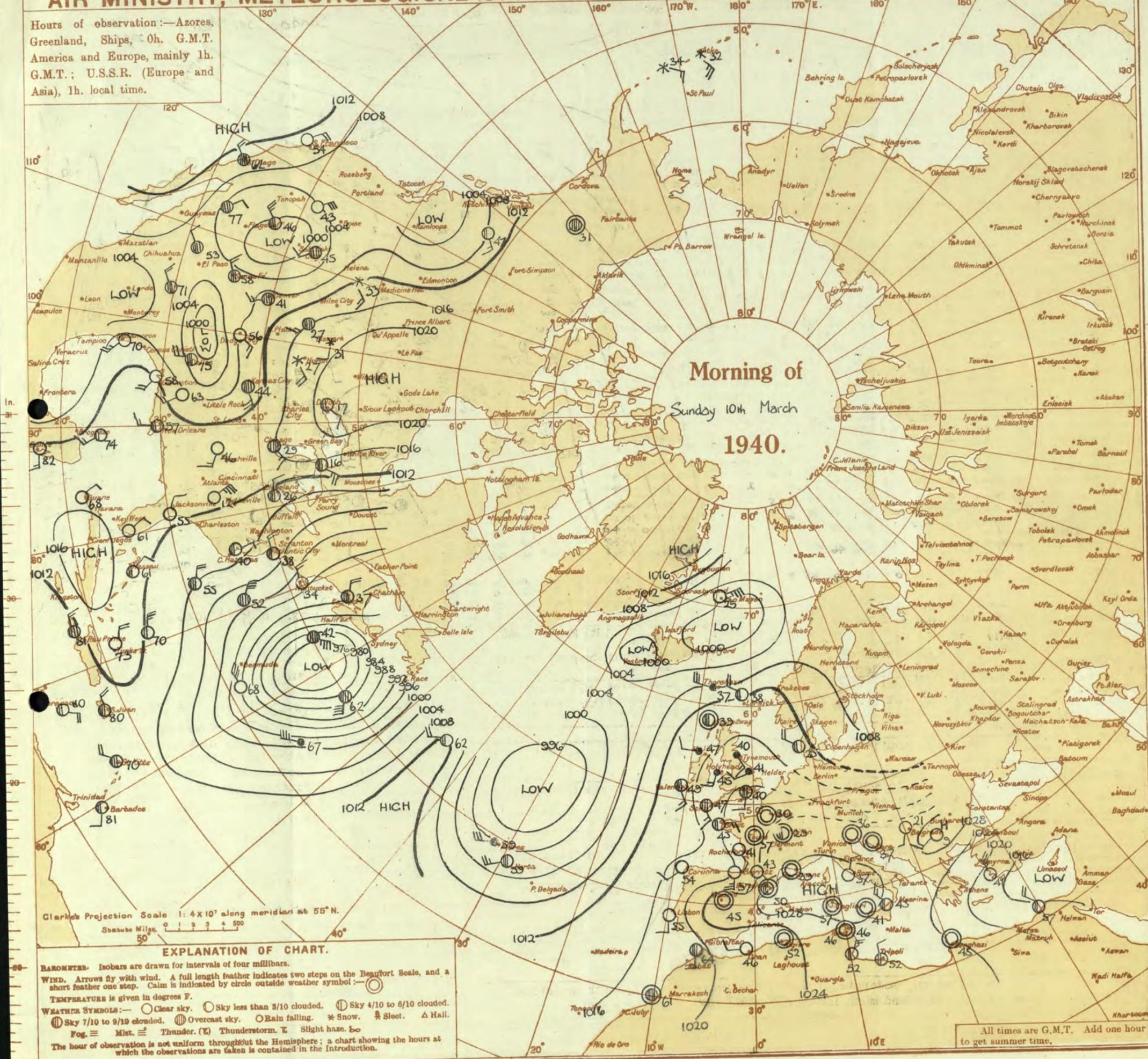
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

© 476/3652, 74/8105, 6/4626, 0/4346, 13/500, 3/40

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.



Morning of
Sunday 10th March
1940.

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS: ○ Clear sky. ◐ Sky less than 3/10 clouded. ◑ Sky 4/10 to 6/10 clouded. ◒ Sky 7/10 to 9/10 clouded. ◓ Overcast sky. ○ Rain falling. * Snow. ⚡ Sleet. Δ Hail. Fog. ☁ Mist. ⚡ Thunder. (⚡) Thunderstorm. ☁ Slight haze. ☁

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

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

THE DAILY WEATHER REPORT

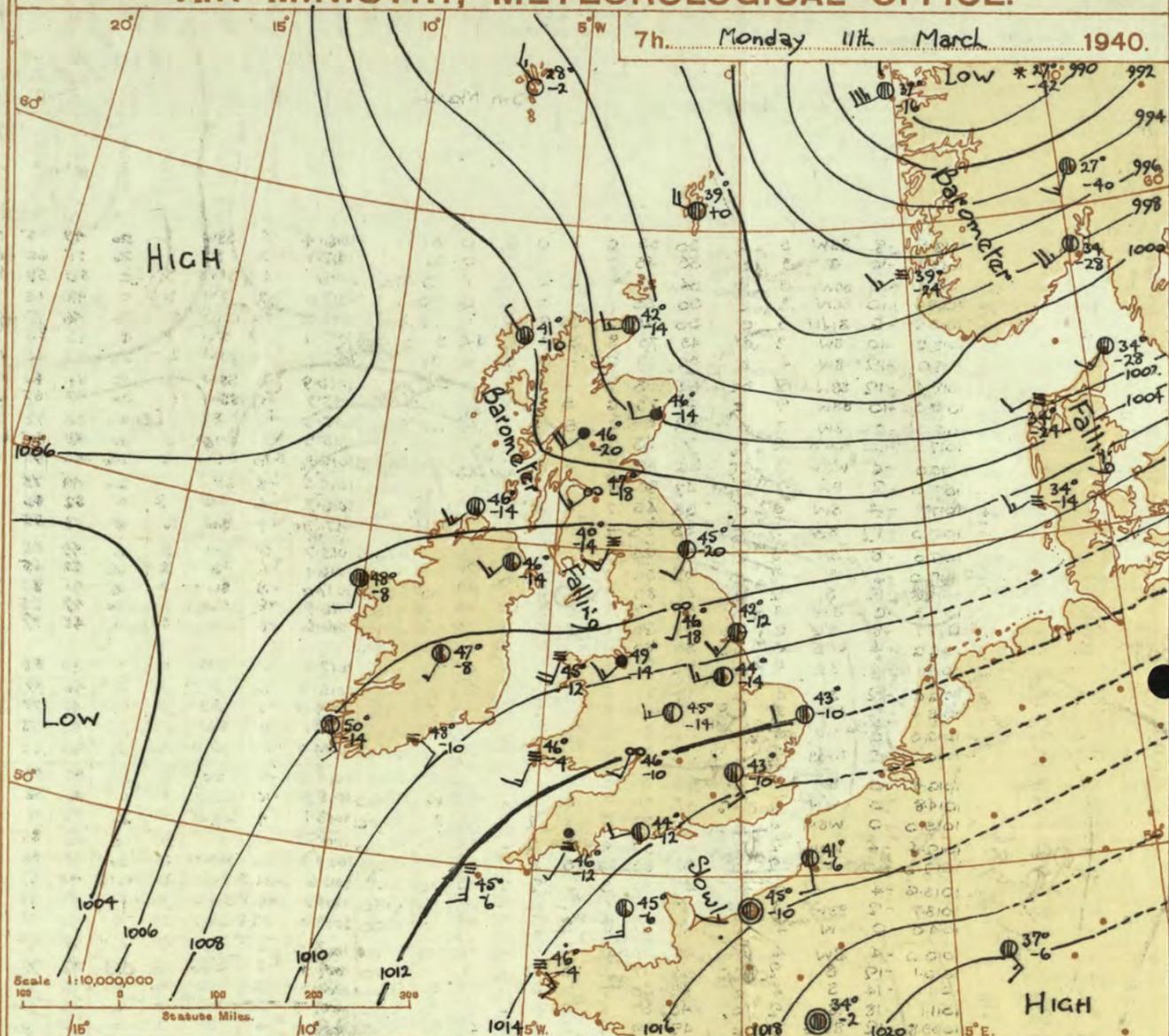
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 10th March. OBSERVATIONS at 7 hr. G.M.T. 10th March. PAST 24 HOURS.

District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 9th Hrs. (36)				
					Dirac. (3)	Force. (4)					Low. (9)	Med. (10)	High. (11)	Low. (12)			Total. (13)	Height of Base. (feet) (14)					Dirac. (17)	Force. (18)	Low. (23)	Med. (24)			High. (25)	Low. (26)	Total. (27)	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)		Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew)	18	1021.2	0	SSW	2	Zo	40	85	6	7	0	7-8	1019.6	-4	SW	1	Zo	37	65	5	5	3	7	46	10	4000	1	*	50	37	31	-	-	55			
	Croydon	217	1021.2	0	SSW	2	Zo	34	92	6	7	0	7-8	1019.9	-2	SSE	3	Zo	39	85	6	5	-	-	9	9	5700	1	*	52	38	36	-	-	67			
	S. Farnborough	226	1020.9	-6	SSW	2	Zo	35	92	6	5	0	7-8	1019.8	-2	SSW	3	Zo	36	85	5	5	-	-	9	9	4000	1	*	53	32	27	-	-	5-8			
	Boscombe Down	417	1021.1	-2	SSW	2	Zo	35	92	6	5	0	7-8	1019.5	-4	SE'S	2	Zo	33	97	6	5	-	-	3	2	0	7-8	0	*	52	31	27	Tr	-	5-3		
	Calshot (Stmnt.)	8	1020.9	-6	E	1	Zo	38	92	5	-	-	0	1019.7	-2	E'S	1	m	37	97	4	-	-	7	6	0	10	1	1	51	34	32	-	-	7-6			
	Lympe	346	1021.5	-6	WN	3	Zo	38	85	6	-	-	0	1020.8	+8	SW'W	1	c	35	92	6	-	-	3	0	7-8	-	1	2	50	34	29	-	-	7-8			
	Manston	154	1020.8	-6	W'S	3	Zo	40	75	5	-	-	0	1020.0	0	SW	2	Zo	38	85	6	-	-	7	8	0	7-8	0	1	52	36	34	-	-	7-4			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1020.0	0	SW	2	bc	38	92	4	-	-	7	1	0	4-6	-	1	*	43	38	33	-	-	6-2		
	Felixstowe	15	*	0	SW	2	fo	39	92	5	-	-	10	10	4000	0	0	4r	39	85	5	5	2	-	7-8	10	4000	1	1	51	38	36	-	2	6-0			
	Gorleston	5	1019.0	0	SW	2	c	42	75	7	5	-	9	9	2500	0	SW'W	2	fo	40	97	6	6	-	10	10	1500	1	1	51	39	39	-	3	3-0			
	Mildenhall	19	1019.3	-2	SW'W	3	cc	41	92	6	-	-	10	10	4000	0	SSW	2	c/r	39	97	5	9	-	4-6	9	4000	0	*	53	39	-	-	-	-			
	Cranwell	240	1018.4	-2	WSW	3	fo	41	97	5	-	-	10	10	2500	1017.5	-4	SW'S	3	c/r	40	97	5	5	2	-	4-6	10	4000	1	*	43	40	37	2	2	0-3	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1018.0	0	SSW	1	Zo	39	92	5	-	-	7	0	7-8	-	1	*	47	39	36	-	Tr	2-6			
	Upper Heyford	408	1020.3	-2	SW	3	Zo	38	85	6	-	-	0	10	-	0	S	2	Zo	37	97	5	5	-	9	9	5700	0	*	52	36	32	-	-	-			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1018.5	-4	SW	2	Zo	39	85	6	-	-	5	7	0	10	-	0	*	50	39	33	-	-	2-5		
5	Hartland Point	299	1018.6	-6	SW	2	c	42	85	7	5	-	4-6	7-8	2500	1017.3	-4	SSW	3	c	42	92	7	5	2	-	7-8	9	1500	0	2	46	41	38	-	-	4-1	
	Bristol	209	1020.6	-6	SW	1	Zo	39	85	6	-	-	0	2-3	-	1019.3	-4	0	Zo	34	92	6	5	1	-	2-3	9	2500	0	*	51	34	27	-	-	5-7		
	Portland Bill	32	1020.5	-4	SW	2	bc	42	85	7	4	-	4-6	4-6	1000	1018.6	-12	SW	2	c	44	92	7	5	-	10	10	4000	1	2	46	40	-	-	-	-		
	Plymouth	82	1020.2	-6	E'N	2	Zo	39	85	6	-	-	0	0	-	1018.9	-4	E'N	1	Zo	37	92	6	-	9	0	7-8	-	0	2	49	36	34	-	-	8-1		
	The Lizard	240	1019.5	-8	SSW	3	bc	45	92	8	4	-	2-3	2-3	2500	1018.3	0	S	3	c	46	92	8	8	2	-	7-8	9	2500	0	2	50	44	-	-	8-3		
	Scilly (St. Mary's)	163	1018.4	-4	S'E	3	bc	47	97	6	5	4	-	2-3	4-6	2500	1016.7	-6	S'E	3	c	48	92	6	5	-	9	9	2500	0	2	52	46	-	-	-	5-8	
	Guernsey	175	1021.1	-2	S	1	bc	44	85	7	-	-	8	0	4-6	-	1019.5	-6	S	1	bc	43	75	8	-	1	8	0	4-6	-	0	1	49	42	34	-	-	9-9
6	Pembroke	142	1018.5	-2	SSW	4	c	45	97	6	5	-	9	9	1500	1016.9	-6	SW	4	c	44	97	6	5	2	-	7-8	10	1500	1	2	46	43	-	-	0-2	0-0	
7	Holyhead	26	1016.9	-6	SSW	3	rr	45	97	6	-	-	10	10	450	1015.2	-4	SSW	4	c	44	97	6	6	2	-	2-3	10	1500	1	2	46	43	43	2	6	0-0	
	Chester (Sealand)	16	1018.1	-4	0	0	fo	43	92	5	-	-	10	10	1500	1016.5	-6	0	m	42	92	4	5	-	-	10	10	1500	1	*	43	41	41	1	0	0-0		
8	Manchester	70	1018.2	-4	S'E	2	ra	41	97	5	5	2	-	7-8	10	1016.9	-6	SW	2	c/r	42	97	5	-	-	10	10	4000	1	*	47	41	41	4	0	0-0		
10	Spurn Head	29	1017.3	0	WSW	2	ra	41	92	4	5	-	10	10	1500	1016.5	-6	SW	2	ra	40	97	3	5	-	-	10	10	450	1	1	48	40	-	3	2	0-8	
	Catterick	175	1016.4	0	WSW	3	ra	44	85	6	5	-	10	10	1500	1014.8	-6	SSW	1	fo	44	97	6	5	-	-	10	10	2500	1	*	46	43	39	0.4	3	0-0	
	Tynemouth	108	1016.7	-4	SE	3	ra	40	97	6	-	-	10	10	1500	1014.8	-6	SW	2	m	41	97	4	-	-	2	-	10	10	1500	1	2	48	39	38	1	1	0
11	St. Abbs Head	280	1015.8	-8	S	4	rr	37	97	7	5	2	-	7-8	10	1500	1013.2	-12	SSW	3	fo	38	97	6	8	2	-	4-7	10	1500	1	2	46	37	-	1	2	*
	Leuchars	36	1015.7	-6	ESE	2	rr	40	92	6	-	-	10	10	1500	1013.1	-6	0	Zo	39	97	5	-	-	2	-	10	10	800	1	*	47	39	36	Tr	1	0-1	
12	Renfrew (Abbots I.)	19	1014.9	-6	NE'E	1	dodo	40	97	4	5	2	-	9	10	1500	1014.0	-2	0	id	39	97	5	5	2	-	4-6	10	450	1	3	46	39	2	2	0-0		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.7	-6	0	dd	40	97	2	-	-	10	10	450	1	*	45	37	36	1	2	0-0			
	Point of Ayre	30	1015.7	0	W'S	4	fo	46	97	7	-	-	10	10	1500	1014.4	-2	W	4	fo	45	97	7	8	2	-	4-6	10	1500	1	2	47	44	-	2	3	0-0	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
13B	Stornoway	80	1014.1	-8	0	0	e	39	85	8	5	7	-	7-8	10	1500	1012.0	-8	0	c	35	92	8	5	6	6	4-6	7-8	4000	1	1	41	34	-	Tr	-	0-1	
15	Dalwhinnie	1178	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Wick	81	1014.8	-8	SW	2	b	30	97	7	5	-	1	1	2500	1011.7	-8	S	2	c	38	97	8	5	7	8	4-6	9	1500	1	1	45	38	35	Tr	Tr	2-3	
16	Lerwick	156	1012.9	-6	W'N	4	bc	38	75	8	5	-	4-6	4-6	1500	1010.7	-12	SW	5	c	38	85	8	8	7	-	4-6	7-8	1500	1	*	31	29	-	Tr	Tr	2-0	
17	Blacksod Point	18	1013.7	-2	SW	4	dd	49	97	6																												

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 11th March 1940.



[Faint, mostly illegible handwritten notes and data on the left side of the page.]

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 11th March, 1940.
1 S.E. England	Wind southwest, moderate; cloudy or dull; slight rain locally occasionally; local fog on the South coast and coastal hills; becoming mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind southerly, moderate, becoming fresh later and perhaps strong; dull; fog and drizzle on the coast and coastal hills; more general rain probable tomorrow; mild.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	As 1 - 3.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind southwest, moderate, fresh locally, backing south tomorrow; mainly dull; occasional rain or drizzle; colder today, milder again tomorrow.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotld. land.	Wind northwest, moderate or fresh; variable sky; wintry showers; rather cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind south to southeast, becoming fresh or strong especially on the South coast; cloudy or dull; rain spreading from the southwest later today; 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 deepening depression over West Norway is moving away eastwards whilst a depression between the Azores and Southwest Ireland is expected to move northeast and spread in over the country. Cloudy, mild conditions with light local rain will prevail in England, Wales and Ireland and more general rain is expected to spread from southwest later. In Scotland there will be occasional rain and a temporary fall in temperature.

FURTHER OUTLOOK.

Mild, unsettled, southwesterly type of weather.

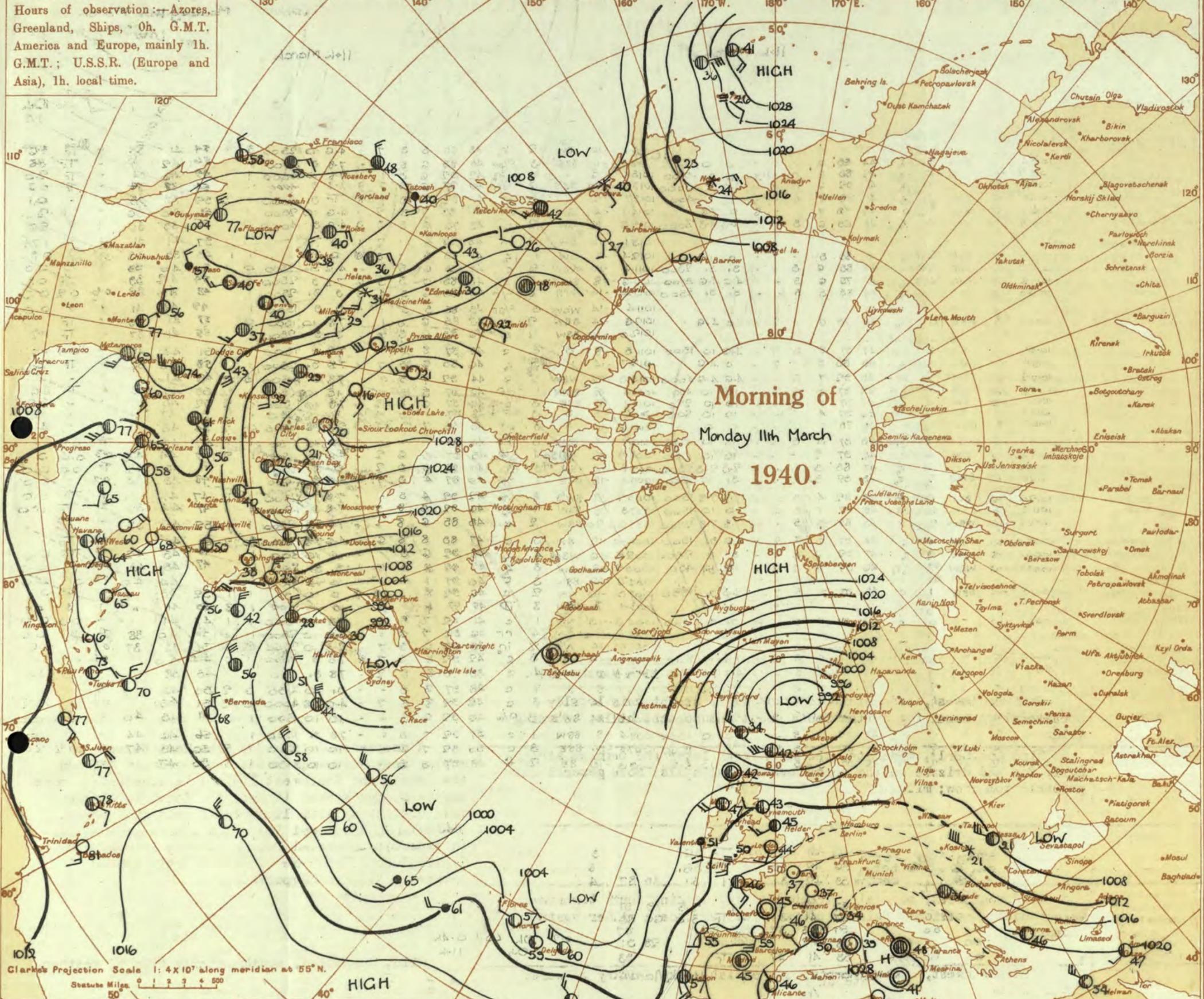
Forecasts issued at 1030 G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

Mb. 1050, 1040, 1030, 1020, 1010, 1000, 990, 980, 970, 960, 950

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

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

Morning of
Monday 11th March
1940.



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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol: ○
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. † Sleet. Δ Hail. Fog ≡ Mist. ≡ Thunder. (E) Thunderstorm. K Slight haze. ⚡
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

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

LONDON OBSERVATIONS table with columns for Day 7h-18h, 9h-18h, 9h-21h, and other time periods.

Table with columns for Weather, Temperature, Rainfall, Sun-shine, Humidity, and Atmospheric Pollution.

EXPLANATION OF FIGURES, LETTERS, etc. section containing various codes and scales like the Beaufort Scale of Wind.

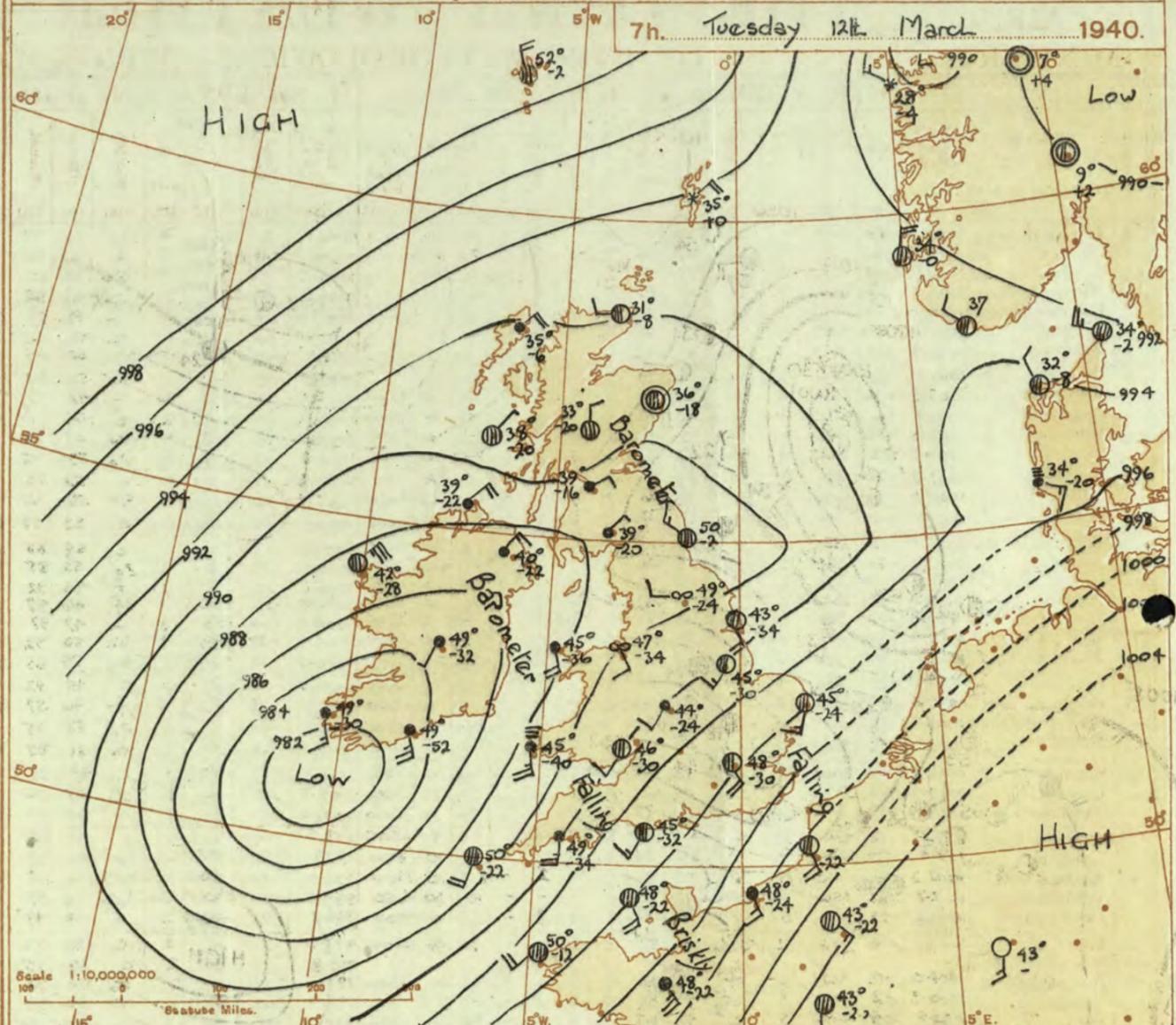
FOREIGN OBSERVATIONS table with columns for Stations, Barom. mb., Wind, Weather, Temp., and other meteorological data.

Table with columns for 18h. G.M.T., 7h. G.M.T., and Past 24 Hours, containing detailed weather data for various stations.

Table with columns for Beaufort No., Statute m/h., and other wind-related metrics.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 12th March 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 12th March, 1940.
1 S.E. England	Wind southerly, fresh, veering southwest to west, strong locally; dull; occasional rain; brighter periods tomorrow; mild today, cooler tomorrow.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind southwest to west, strong to gale on coast, veering northwest to north, decreasing, probably backing; occasional rain or showers, perhaps hail; temperature falling.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind variable, finally north to northeast, fresh to strong locally on the coast; dull, rainy; mild at first, then colder.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind northeast, becoming fresh to strong locally on the coast, perhaps gale; cloudy; wintry showers with some snow; cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotland. B.N.W.Scotland.	Wind northeast, strong, gale on coast, moderating, backing; rain at first, then wintry showers; rather cold or cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind becoming northerly, fresh to strong or gale on coast, backing, moderating later; occasional rain or showers; becoming rather cold.
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.

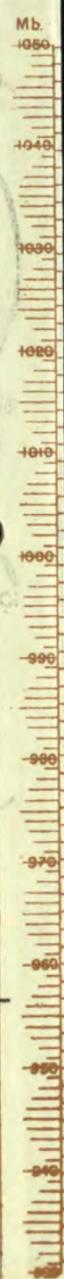
A vigorous deepening depression near Southwest Ireland will move northeast across the country with generally unsettled rainy weather. Some snow is probable in North Scotland. Strong winds will develop in southern districts and also in the extreme North and Northwest. Conditions will be mild today over most of England and Wales but temperature will fall later.

FURTHER OUTLOOK.

Unsettled.

Gale Warnings issued to districts 5, 17, 20 and part of districts 6, 18, and 19 at 08.45.

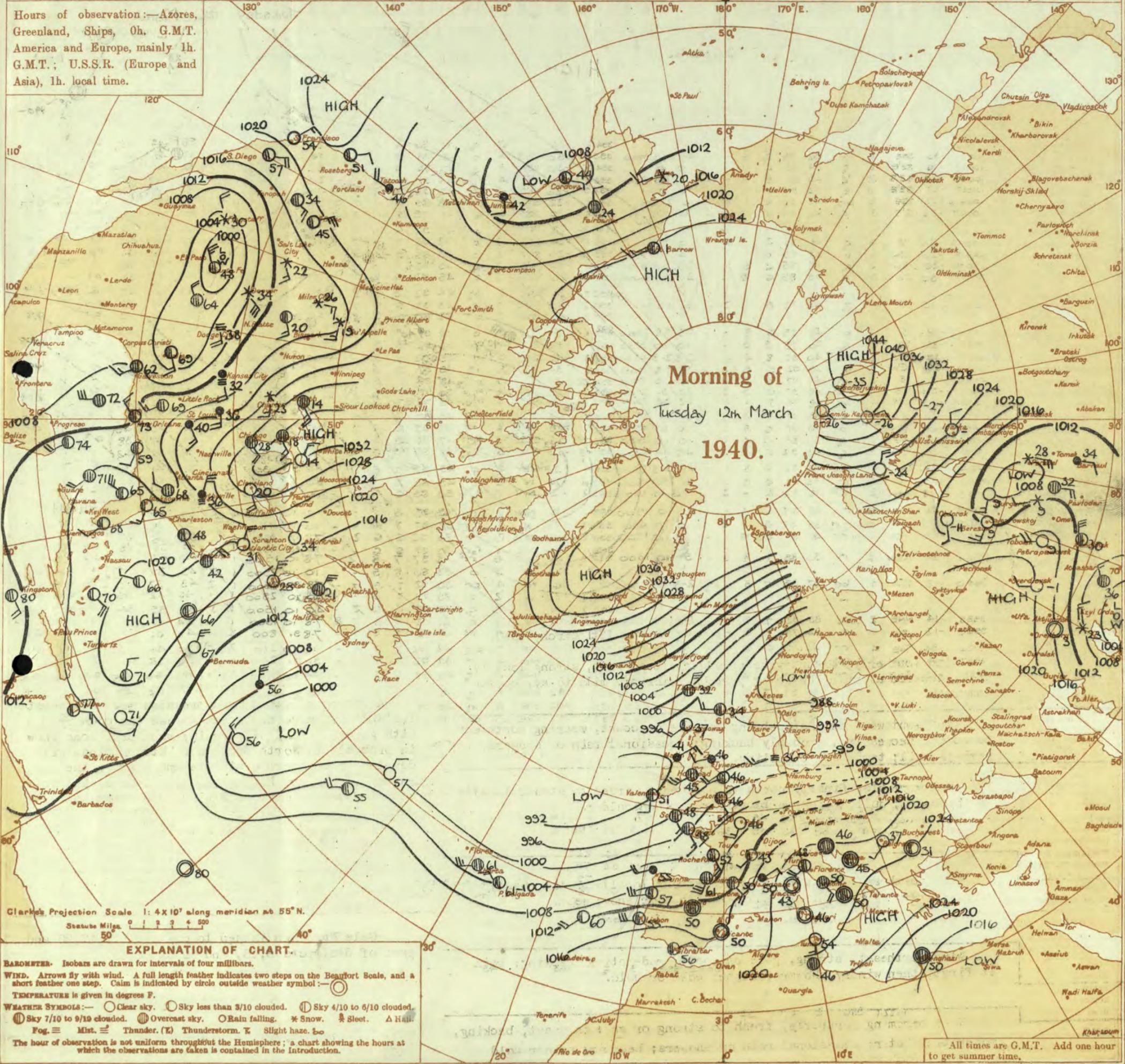
Forecasts issued at 1030 G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S.
Director.



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.

Morning of
Tuesday 12th March
1940.



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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. △ Sleet. △ Hail. Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. ≡ Slight haze. ≡

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

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

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

LONDON OBSERVATIONS table with columns for Day, Night, Min., Max., and Rainfall for various London stations.

FOREIGN OBSERVATIONS table with columns for Stations, Barom., Wind, Weather, Temp., and Rainfall for Paris, Brussels, Berlin, Zurich, and Rome.

Atmospheric Pollution table with columns for 24 hrs. ended 7h. G.M.T. and 24 hrs. ended 12h. G.M.T.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed instructions for interpreting the data in the main table.

THE DAILY WEATHER REPORT

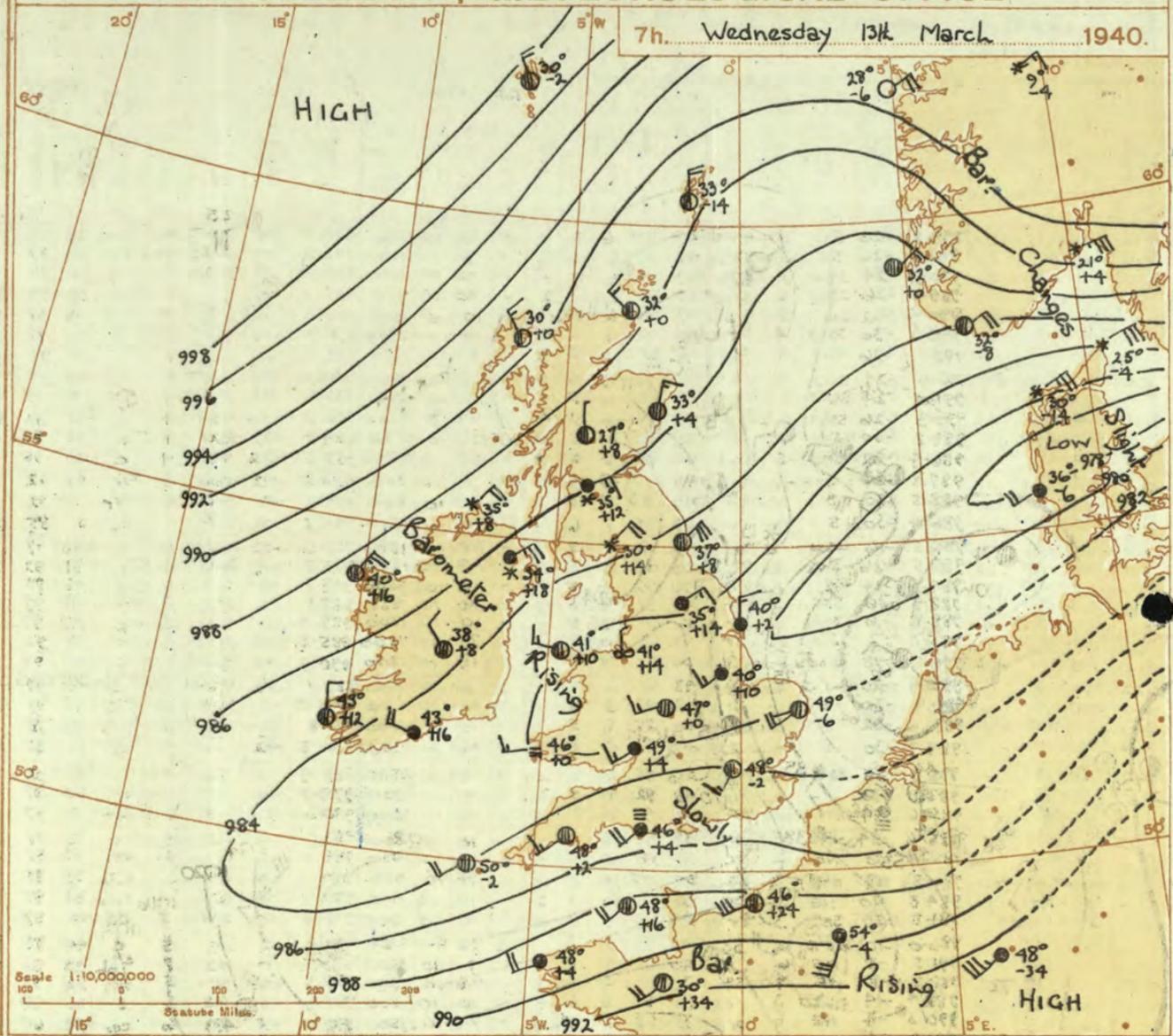
OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Wednesday 12th March 1940.
No. 28601

OBSERVATIONS at 13h. G.M.T. 12th March														OBSERVATIONS at 18h. G.M.T. 12th March														PAST 24 HOURS.								
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Probability 0-9 (22)	Cloud.				Sea. 0-9 (30)	WEATHER.									
				Dirac.	Force. 0-12 (4)					Form.	Amount.	Height of Base. (feet) (14)	Form.			Amount.	Height of Base. (feet) (14)					Dirac.	Force. 0-12 (4)	Form.	Amount.		Height of Base. (feet) (14)	7h.-13h. 12h. (37)	13h.-18h. 12h. (38)	18h. to 13h. 13h. (39)	1h.-7h. 13h. (40)					
1	London (Kew)...	989.9	-26	S'W	3	rr	49	92	6	5	-	10	10	1500	987.0	-14	SW	4	20	50	92	6	5	-	10	10	1500	1	*	crrmo	crrmo	cir'f'c	cir'f'c	cir'f'c	cir'f'c	
	Croydon ...	991.2	-26	S'E	3	rr	48	97	6	6	-	9	10	1500	988.2	-10	SSW	4	20	50	97	6	6	2	-	9	10	1500	1	*	crrmo	crrmo	cir'f'c	cir'f'c	cir'f'c	cir'f'c
	S. Farnborough	990.2	-24	SSW	3	rr	49	97	6	5	-	10	10	800	987.2	-10	SW	5	10	50	92	6	5	-	-	10	10	800	1	*	radr'f'c	cir'f'c	cir'f'c	cir'f'c	cir'f'c	
	Boscombe Down	989.1	-26	SSW	5	rr	50	92	7	6	2	-	10	10	450	987.0	-4	SW	4	10	50	92	7	6	-	-	9	9	450	1	*	crrmo	crrmo	cir'f'c	cir'f'c	cir'f'c
	Calshot (Soton.)	990.4	-22	SW	5	rr	47	97	6	5	-	-	10	10	1500	983.3	-6	SW	5	10	48	97	6	5	-	-	10	10	800	1	3	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	Lympne ...	993.1	-30	SSW	4	rr	45	92	6	2	-	-	10	10	2500	990.0	-14	SW	3	10	46	97	1	-	-	-	10	10	450	1	3	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	Manston ...	992.1	-26	SSW	4	rr	46	85	6	5	2	-	9	10	1500	988.2	-28	SW	5	10	49	92	6	5	-	-	9	9	450	1	*	ir'f'c	ir'f'c	ir'f'c	ir'f'c	ir'f'c
2	Shoeburyness ...	992.6	-24	S'W	4	c	47	92	6	5	-	-	10	10	400	988.4	-18	SSW	4	10	49	97	6	5	2	-	9	10	1500	1	*	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	Felixstowe ...	991.0	-24	SSW	5	c	46	85	6	5	-	-	10	10	800	986.8	-18	SSW	4	10	45	97	6	5	2	-	7	8	450	1	2	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	Gorleston ...	990.3	-26	SSW	5	rr	53	75	6	5	1	-	4-6	9	2500	996.3	-16	SSW	4	10	47	92	6	6	-	-	10	10	1500	1	3	crr	crr	crr	crr	crr
	Mildenhall ...	988.2	-30	S'W	5	rr	54	75	6	5	2	-	7-8	10	1500	984.9	-22	SSW	4	10	52	85	7	5	2	-	9	10	1500	1	*	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	Cranwell ...	986.4	-32	S'W	5	rr	53	85	6	5	1	-	7-8	10	1500	982.5	-22	SW	4	10	51	85	7	5	3	-	9	9	1500	1	*	ir'f'c	ir'f'c	ir'f'c	ir'f'c	ir'f'c
3	Birmingham ...	987.3	-24	S	3	rr	48	97	6	6	-	-	10	10	800	983.8	-12	SSW	3	10	49	92	7	6	7	-	4-6	9	800	1	*	crr	crr	crr	crr	crr
	Upper Heyford	988.5	-30	S	3	rr	49	97	7	5	-	-	10	10	800	985.2	-8	SSW	4	10	50	92	7	5	-	-	10	10	800	1	*	crr	crr	crr	crr	crr
4	Ross-on-Wye ...	986.4	-30	S	4	rr	52	85	7	6	-	-	10	10	1500	984.5	-6	SW	4	10	51	85	6	6	-	-	10	10	1500	1	*	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
5	Hartland Point ...	985.5	-16	WSW	5	c	49	97	7	8	2	-	7-8	10	1500	983.6	-12	WSW	6	10	48	97	7	8	4	-	7-8	9	1500	1	3	crr	crr	crr	crr	crr
	Bristol ...	987.5	-26	S'W	5	c	53	85	8	5	2	-	7-8	10	1500	985.8	-18	SSW	4	10	51	92	7	6	2	-	9	10	1500	1	*	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	Portland Bill ...	989.8	-24	S	5	dd	46	92	6	5	-	-	10	10	2500	988.5	-8	SW	5	10	46	92	7	5	-	-	10	10	2500	1	4	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	Plymouth ...	988.8	-16	S'W	5	rr	49	97	6	5	-	-	10	10	450	987.7	-6	SW	5	10	48	97	6	5	-	-	10	10	450	1	4	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	The Lizard ...	988.8	-6	S'W	5	rr	51	97	6	5	-	-	10	10	1500	987.3	-6	SSW	5	10	49	97	7	8	6	-	7-8	7-8	1500	1	3	crr	crr	crr	crr	crr
	Scilly (St. Mary's)	985.7	-2	S'W	5	rr	52	92	6	8	7	-	7-8	9	1500	985.8	-14	SW	4	10	51	92	7	8	7	3	4-6	9	1500	1	3	crr	crr	crr	crr	crr
	Guernsey ...	991.3	-18	SSW	5	rr	50	97	7	5	-	-	10	10	1500	990.7	-2	SW	4	10	51	85	7	8	1	8	4-6	9	2500	1	3	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
6	Pembroke ...	998.4	-20	SW	6	rr	48	97	2	5	-	-	10	10	800	983.1	-8	WSW	6	10	48	97	4	5	-	-	10	10	800	1	3	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
7	Holyhead ...	981.4	-30	S	4	rr	48	97	3	5	-	-	10	10	450	979.0	-2	SW	5	10	47	97	6	6	-	-	10	10	220	1	2	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	Chester (Sealand)	983.6	-32	S	3	rr	56	75	6	5	-	-	10	10	1500	980.8	-2	SW	5	10	52	75	6	6	3	-	7-8	10	800	1	*	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
8	Manchester ...	984.3	-30	S	4	rr	53	75	6	5	3	-	4-6	9	1500	980.3	-22	SW	4	10	51	85	6	5	2	-	9	10	1500	1	*	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
10	Spurn Head ...	985.3	-36	SSW	4	c	50	85	6	5	-	-	9	9	2500	981.4	-16	SW	4	10	47	92	6	5	-	-	7-8	7-8	1500	1	3	ir'f'c	ir'f'c	ir'f'c	ir'f'c	ir'f'c
	Catterick ...	983.9	-30	-	0	c	49	82	4	5	2	-	9	10	800	979.7	-10	rr	50	97	4	5	2	-	-	9	9	800	1	3	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	
	Tynemouth ...	985.6	-24	N	2	ir	41	97	4	2	-	-	10	10	1500	980.6	-20	N	4	10	41	97	3	2	-	-	10	10	1500	1	2	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
11	St. Abbs Head ...	985.6	-24	NNE	3	rr	38	97	6	5	-	-	10	10	800	983.1	-10	NE	4	10	36	97	7	6	2	-	7-8	10	1500	1	3	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	Leuchars ...	984.7	-18	NE	2	rr	37	97	6	6	-	-	10	10	450	985.0	-6	NE	4	10	36	97	6	6	-	-	10	10	450	1	*	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
12	Rentree (Abbots L.)	986.8	-18	E'N	3	ss	34	97	4	5	-	-	9	10	450	984.3	-10	E'N	3	10	37	85	8	5	2	-	9	10	800	1	*	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	Eskdalemuir ...	984.3	-20	NE	3	rr	36	97	6	2	-	-	10	10	450	980.9	-16	NE'N	4	10	34	92	6	2	-	-	10	10	450	1	*	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c	omrr'f'c
	Point of Ayre ...	981.8	-24	SE'S	3	rr	49	97	5	2	-	-	10	10	800	978.8	-18	E'N	5	10	41	97	6	6	2	-	7-8	10	800	1	3	ir'f'c	ir'f'c	ir'f'c	ir'f'c	ir'f'c
13a	Tiree ...	986.0	-10	NE'E	4	bc	43	75	8	8	-	8	4-6	4-6	1500	984.9	0	NE	5	10	40	75	8	5	7	-	4-6	9	2500	0	4	bc	bc	bc	bc	bc
13b	Stornoway ...	991.5	-2	NE	6	c	40	65	8	5	7	-	9	10	1500	991.3	0	NE	7	10	38	55	8	8	7	-	4-6	9	1500	1	4	crr	crr	crr	crr	crr
15	Dalwhinnie ...	988.5	-8	NE	4	ss	33	92	5	6	1	-	4-6	10	800	987.3	-4	NE	5	10	32	97	5	6	1	-	4-6	10	800	4	*	crr	crr	crr	crr	crr
	Aberdeen ...	988.4	-14	NE'E	3	rr	38	92	6	6	-	-	10	10																						

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 13th March 1940.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th March, 1940.

1 S.E. England	Wind southwest moderate, veering north; cloudy, becoming dull with occasional rain and sleet locally later; mild most of today; cold by tomorrow.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind northerly to north, moderate, fresh locally; dull; rain and sleet at times; local mist; becoming cold.
6 South Wales ...	
7 North Wales ...	As 1.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind northerly, fresh to moderate; dull; occasional rain and sleet with snow on high ground; brighter intervals tomorrow; cold.
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 north to northeast, moderate; dull; occasional rain; sleet locally; rather cold.

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 very low pressure extends from the Baltic across England to north of the Azores and low pressure centres are located over the North Sea and the Midlands. The trough as a whole is moving slowly south over England. Cold northeasterly winds which now prevail over Scotland, Ireland and the North of England will extend southwards and cause a substantial fall in temperature over much of the southern half of England. Weather will be unsettled generally with rain, sleet and snow in all central and northern districts, these conditions spreading slowly south.

FURTHER OUTLOOK.

Cold and rather unsettled.

Forecasts issued at 1030 G.M.T.

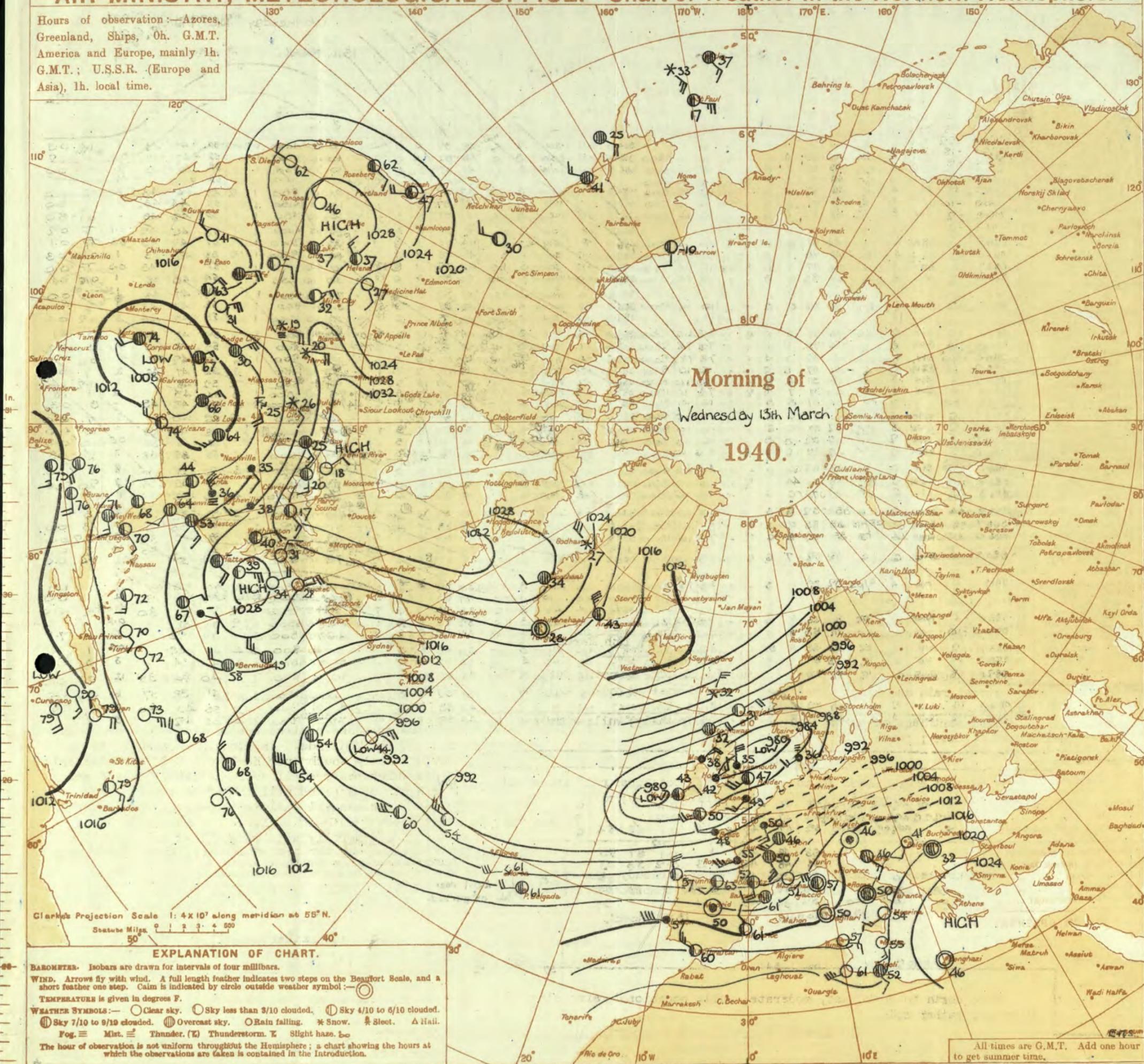
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

© 476/3215, 11/8/109 0-4626 01-048 15,100 3/40

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.



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

Statute Miles 0 1 2 3 4 500

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table with columns for District, Stations, Observations at 1 hr. G.M.T. 13th March, Observations at 7 hr. G.M.T. 13th March, and Past 24 Hours. Includes sub-columns for Wind, Cloud, Temperature, Humidity, Rainfall, etc.

LONDON OBSERVATIONS table with columns for Day, Night, Morning, Afternoon, Night, 24 hrs. ended 9h.

TEMPERATURE, RAINFALL, HUMIDITY, and ATMOSPHERIC POLLUTION tables with columns for Day, Night, Yesterday, To-day, 24 hrs. ended 7h. G.M.T. 13th.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed instructions for interpreting the data in columns 2, 16, 4, 18, 30, and 34, 35.

FOREIGN OBSERVATIONS table with columns for Stations, Barom. mb., Wind, Weather, Temp. °F., Barom. mb., Wind, Weather, Temp. °F., Max. Day °F., Min. Night °F., Rainfall.

Additional foreign observation data for Paris, Brussels, Berlin, Zurich, and Rome.

THE DAILY WEATHER REPORT

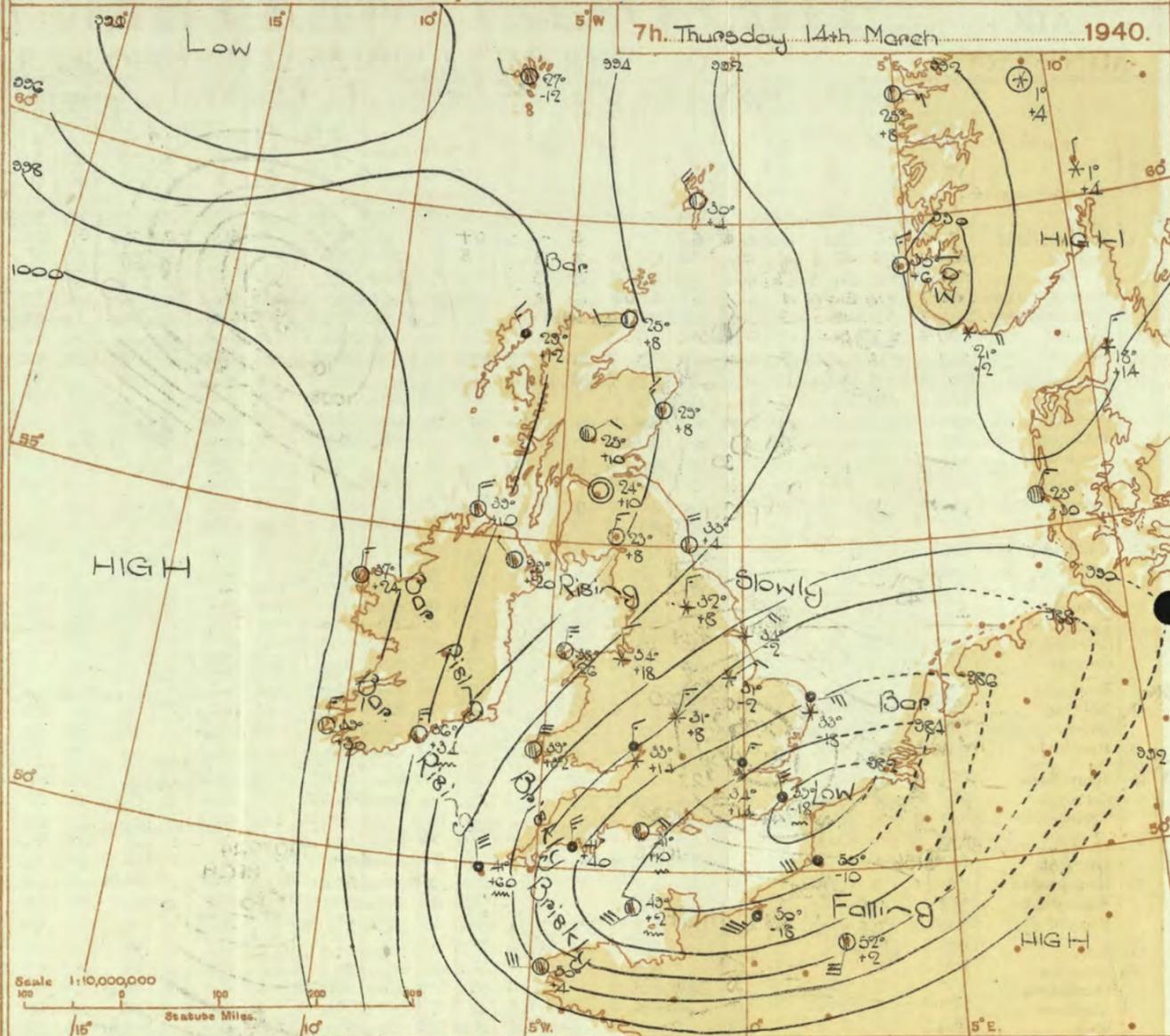
OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Thursday 14th March, 1940.
No. 28,502

OBSERVATIONS at 13h. G.M.T. 13th March														OBSERVATIONS at 18h. G.M.T. 13th March														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.							
				Dir.	Force.					Form.	Amount.	Height of Base. (feet)	Form.			Amount.	Height of Base. (feet)					State of Ground.	7h.—13h. 13th	13h.—18h. 13th	18h.—to 14th		1h.—7h. 14th							
1	London (Kew)...	985.8	+6	SW	4	C	53	75	6	5	-	0	0	1500	987.5	+15	SW	2	Zo	51	92	5	3	-	9	9	1500	1	*	ccmc	ccmc	ccmc	ccmc	
	Croydon ...	986.4	+8	SSW	4	C	54	75	8	2	3	7-8	0	2500	988.2	+18	SW	4	c/pr	51	97	6	3	7	-	4-6	9	1500	1	*	ccmc	ccmc	ccmc	ccmc
	S. Farnborough	985.0	+2	SW	5	C	55	78	8	8	3	4-6	0	1500	988.1	+20	SW	5	if	52	85	7	5	3	-	7-8	0	1500	1	*	ccmc	ccmc	ccmc	ccmc
	Boscombe Down	985.7	+10	SW	4	pr	52	85	7	6	2	4-6	0	1500	988.0	+30	W	4	C	48	85	7	5	3	-	7-8	0	1500	1	*	ccmc	ccmc	ccmc	ccmc
	Calshot (Soton.)	986.7	+2	WSW	3	df	49	97	2	-	-	10	10	2150	989.2	+22	WSW	4	Zo	47	92	6	1	3	-	0	9	1500	1	3	ccmc	ccmc	ccmc	ccmc
	Lympe	980.6	+22	SW	4	of+	49	97	3	-	2	10	10	2150	989.3	+14	SWW	4	Zo	47	97	6	5	-	-	10	10	2150	1	3	ccmc	ccmc	ccmc	ccmc
	Manston	987.0	+18	WSW	5	C	55	75	7	5	-	4-6	0	1500	987.5	+6	SW	4	c/r	40	92	6	8	7	8	4-6	0	450	1	*	ccmc	ccmc	ccmc	ccmc
2	Shoeburyness ...	986.3	+8	WSW	3	C	55	85	8	5	3	4-6	7-8	1500	988.0	+14	SW	3	pr	50	97	7	0	7	-	7-8	0	1500	1	*	ccmc	ccmc	ccmc	ccmc
	Felixstowe	985.1	+12	WSW	5	Zo	55	85	6	7	3	4-6	7-8	1500	987.2	+20	NNW	2	if	46	92	5	-	2	-	4-6	10	800	1	2	ccmc	ccmc	ccmc	ccmc
	Gorleston	985.0	+22	NW	3	c/pr	52	85	6	8	-	0	0	2500	988.3	+20	NNE	3	C	39	92	7	6	4	-	4-6	10	2500	1	2	ccmc	ccmc	ccmc	ccmc
	Mildenhall	985.3	+20	NW	2	id	45	92	6	-	2	10	10	800	987.0	+8	NNE	2	rr	40	92	6	6	2	-	2-3	10	800	1	*	ccmc	ccmc	ccmc	ccmc
	Cranwell	985.8	+16	NNE	3	id	41	85	6	5	-	10	10	1500	988.8	+20	NE	2	a	38	85	7	5	2	-	0	10	1500	1	*	ccmc	ccmc	ccmc	ccmc
3	Birmingham	985.8	+16	NE	2	fo	40	97	4	6	-	10	10	450	989.1	+26	ENE	2	m	40	92	4	6	-	-	10	10	450	1	*	ccmc	ccmc	ccmc	ccmc
	Upper Heyford	965.1	+10	WSW	4	IR	50	92	6	6	2	7-8	10	450	988.4	+22	NE	2	of	43	97	5	-	2	-	10	10	450	1	*	ccmc	ccmc	ccmc	ccmc
4	Ross-on-Wye	985.4	+8	SW	3	C	53	85	7	9	1	0	0	2500	986.8	+30	WN	4	C	47	75	6	5	1	-	9	10	2500	1	*	ccmc	ccmc	ccmc	ccmc
5	Hartland Point	985.6	+22	NW	3	f	47	97	3	-	-	10	10	2150	989.3	+8	WSW	3	c/r	44	97	8	5	2	-	4-6	9	1500	1	2	ccmc	ccmc	ccmc	ccmc
	Bristol ...	985.7	+14	W	3	ir	50	97	5	6	2	10	10	1500	989.6	+30	W	3	id	46	92	7	5	7	-	10	10	2500	1	*	ccmc	ccmc	ccmc	ccmc
	Portland Bill	986.5	0	SW	4	f	46	92	2	5	-	10	10	2150	989.3	+20	W	4	C	45	92	7	5	-	-	10	10	2000	1	4	ccmc	ccmc	ccmc	ccmc
	Plymouth	987.0	+22	W	4	Zo	51	92	6	8	-	7-8	0	800	990.7	+14	W	3	Zo	47	92	6	5	3	-	9	9	1500	1	3	ccmc	ccmc	ccmc	ccmc
	The Lizard	985.4	+24	WS	5	C	47	97	8	8	2	9	10	1500	990.4	+4	-	0	C	48	85	8	8	2	-	0	10	1500	1	3	ccmc	ccmc	ccmc	ccmc
	Scilly (St. Mary's)	989.0	+30	W	5	C	40	75	8	5	3	0	0	2500	989.2	-10	S	1	id	47	92	6	5	-	-	10	10	2500	0	2	ccmc	ccmc	ccmc	ccmc
	Guernsey	987.4	+16	SW	6	Cq	50	92	6	5	2	0	0	1500	992.1	+12	SWW	4	ir	49	97	6	5	-	-	9	9	2500	2	3	ccmc	ccmc	ccmc	ccmc
6	Pembroke	987.2	+16	NW	4	C	45	92	7	8	2	7-8	10	800	989.7	+14	NNW	1	C	43	92	7	8	2	-	0	10	800	1	3	ccmc	ccmc	ccmc	ccmc
7	Holyhead	985.6	+26	NE	3	C	42	92	6	5	-	10	10	800	989.4	+22	NE	4	if	40	85	6	5	-	-	10	10	800	1	3	ccmc	ccmc	ccmc	ccmc
	Chester (Sealand)	985.7	+18	NE	1	m	41	85	4	-	2	10	10	800	988.9	+22	NE	2	df	39	82	3	-	2	-	10	10	450	1	*	ccmc	ccmc	ccmc	ccmc
8	Manchester	985.8	+16	ENE	3	ccdo	40	85	4	5	2	4-6	10	800	989.2	+24	NE	3	M	39	85	4	5	2	-	4-6	10	1500	1	*	ccmc	ccmc	ccmc	ccmc
10	Spurn Head	985.5	+20	NE	4	C	42	75	7	5	-	0	0	800	989.3	+16	NNE	3	C	38	85	8	5	-	-	10	10	800	1	2	ccmc	ccmc	ccmc	ccmc
	Catterick	987.2	+14	ENE	3	if	38	92	6	5	2	4-6	10	1500	993.6	+36	NNE	2	PS	34	97	6	6	2	-	2-3	10	1500	1	*	ccmc	ccmc	ccmc	ccmc
	Tynemouth	987.8	+18	ENE	5	C/PS	37	85	8	6	-	10	10	1500	990.6	+10	NNW	4	C	37	85	6	0	-	-	7-8	7-8	1500	1	3	ccmc	ccmc	ccmc	ccmc
11	St. Abbs Head	988.5	+18	NNE	3	C	37	65	8	8	2	7-8	10	2500	990.6	+6	-	0	C	35	75	8	8	6	-	7-8	9	2500	1	2	ccmc	ccmc	ccmc	ccmc
	Leuchars	989.4	+14	N	2	C	39	65	8	5	1	9	9	4000	991.1	+10	N	1	C	37	75	8	2	3	-	2-3	9	2000	1	*	ccmc	ccmc	ccmc	ccmc
12	Reitrew (Abbots L.)	990.9	+8	ENE	1	c/s	38	65	9	5	7	4-6	10	2500	992.1	+12	-	0	bc/s	37	65	8	7	5	-	2-3	4-6	5700	1	*	ccmc	ccmc	ccmc	ccmc
	Bakdalemuir	988.7	+22	NE	3	SS	33	92	5	-	2	10	10	450	990.1	+12	NE	2	0	30	85	7	5	-	-	10	10	1500	7	*	ccmc	ccmc	ccmc	ccmc
	Point of Ayre	988.3	+22	ENE	5	foSo	37	92	7	6	2	7-8	10	1500	991.0	+10	ENE	4	C	37	85	8	8	7	-	4-6	9	1500	1	4	ccmc	ccmc	ccmc	ccmc
13A	Tiree	951.1	+10	NE	2	bc	41	55	8	2	4	2-3	2-3	4000	992.4	+8	NE	2	bc	38	65	8	2	-	-	2-3	2-3	2000	0	5	ccmc	ccmc	ccmc	ccmc
13B	Stornoway	992.0	+6	NE	3	C/PS	37	85	8	8	7	4-6	9	2500	993.3	+4	NNE	3	18	32	97	6	8	7	-	7-8	9	1500	4	1	ccmc	ccmc	ccmc	ccmc
15	Dalwhinnie	*	+16	NE	3	C	31	85	8	4	1	2-3	7-8	4000	992.4	+6	NW	2	15	32	85	8	8	6	-	4-6	9	4000	4	*	ccmc	ccmc	ccmc	ccmc
	Aberdeen	989.4	+10	NNW	3	c/p	38	65	8	2	7	8	8	2500	990.9	+12	NNW	3	PS	36	75	7	3	3	-	2-3	4-6	2500	1	1	ccmc	ccmc	ccmc	ccmc
	Wick	988.7	+6	N	2	c/phr	38	75	8	8	7	4-6	7-8	1500	990.0	+8	NNE	3	c/phr	36	85	8	7	3	-	4-6	7-8	1500	1	2	ccmc	ccmc	ccmc	ccmc
16	Lerwick	988.8	+1	ENE	6	C	37	65	8	8	7	4-6	7-8	1500	990.6	+4	NE	6	PS	32	97	6	8	7	-	7-8	9	800	4	*	ccmc	ccmc	ccmc	ccmc
17	Blacksod Point...	990.5	+10	NE	4	pr	41	75	8	9	-	0	0	1500	993.5	+20	NE	5	C	41	85	6	3	4	9	7-8	0	4	pr	bcq	prcc	phrg	phrg	
18	Malin Head	990.4	+18	NE	4	C	40	65	7	8	-	7-8	7-8	2500	992.1	+8	N	2	bc	39	55	8	1	-	4	2-3	4-6							

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 14th March 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th March, 1940.
1 S.E. England	Wind northeast fresh strong to gale on coast, decreasing; dull with continuous snow at first; bright intervals later; cold, night frost.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind northeast to north, fresh, strong on coast, decreasing; bright intervals, occasional showers of rain. snow on high ground; cold, night frost.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind northeast, moderate; mainly fair but occasional snow showers on hills; cold, night frost.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind north to northwest moderate; fair at first, cloud increasing with rain, sleet or snow at times; cold, night frost.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotland B.N.W.Scotland.	Wind northerly, moderate; mainly fair; local showers; cold, night frost.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind northerly, moderate; mainly fair; local showers; cold, night frost.
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 intense depression centred over the Strait of Dover is moving east-northeast and another depression south of Iceland is moving southeast. Northeasterly gales will occur at first in the extreme south of the North Sea and in the Channel. There will be further continuous snow in Southeast and East England and intermittent snow or rain with bright intervals elsewhere in the South. Conditions will be fair at first in the North and West but snow will spread southwards over Scotland later. It will be cold generally with night frost.

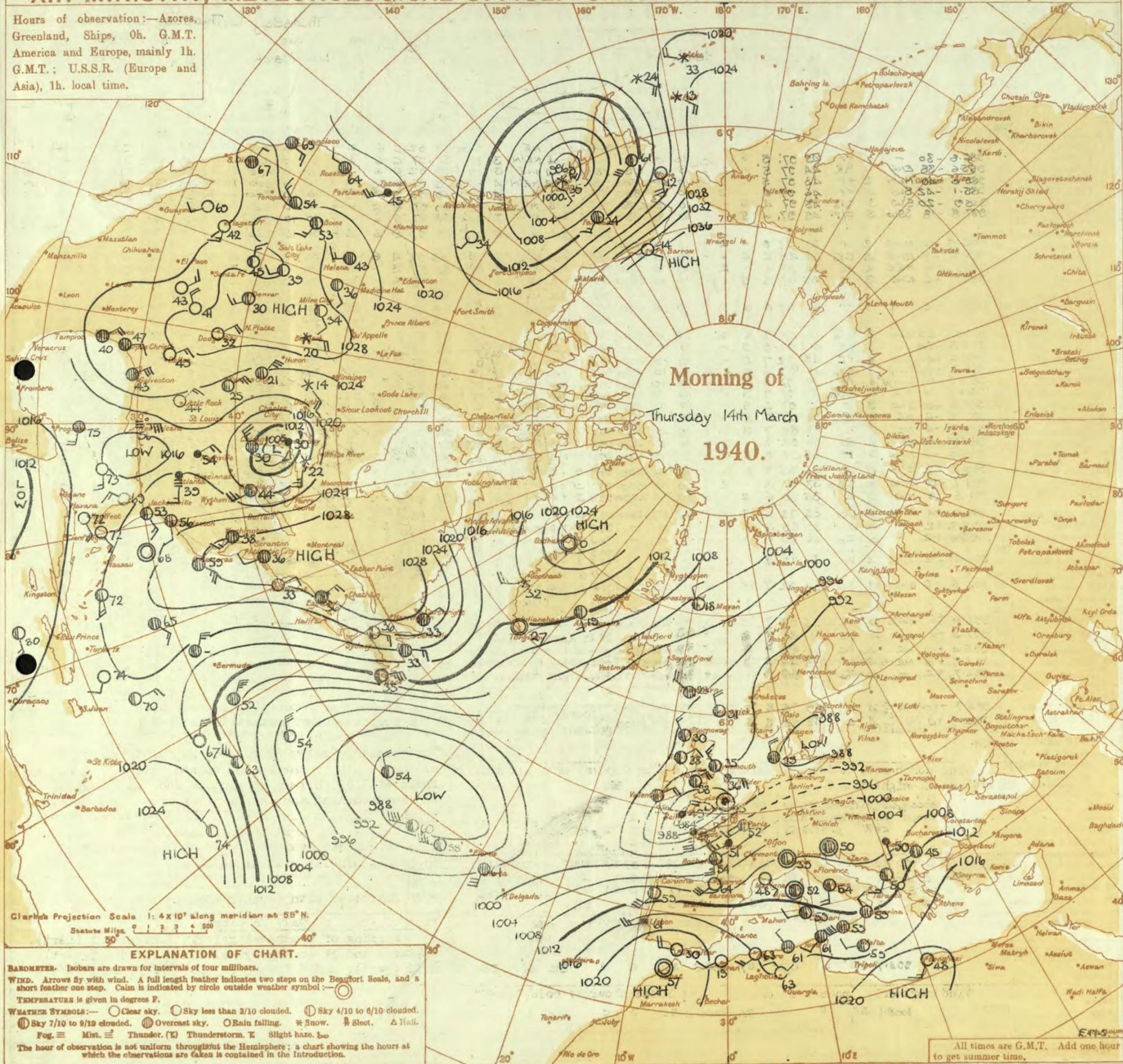
FURTHER OUTLOOK.
 Unsettled with further snow in many districts.

Time of Issue of Gale Warnings.
 Warning of southwest gale in districts 1 (part), 5 (part) and of northerly gale in districts 1(part), 2, 5 (part), and 6 issued at 0500 G.M.T. on 14/3/40.

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. 6476/3833. No. 8109. 64626. 64948. 13,500. 3/40

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 5 60

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol: ○
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 3/10 clouded. ⊖ Sky 4/10 to 6/10 clouded. ⊕ Sky 7/10 to 9/10 clouded. ⊗ Overcast sky. ○ Rain falling. * Snow. † Sleet. △ Hail. Fog ≡ Mist. ≡ Thunder. (⊗) Thunderstorm. ⊗ Slight haze. ☁
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table of weather observations for 14th March 1940, including columns for District, Stations, Barom., Wind, Temp., Humid., Cloud, and Past 24 Hours.

LONDON OBSERVATIONS table with columns for Day, Night, Morning, Afternoon, Night, and 24 hrs. ended 9h.

Table of weather and temperature data for various London stations like Kew, Croydon, Greenwich, etc.

Table for atmospheric pollution measurements in South Kensington and Kew.

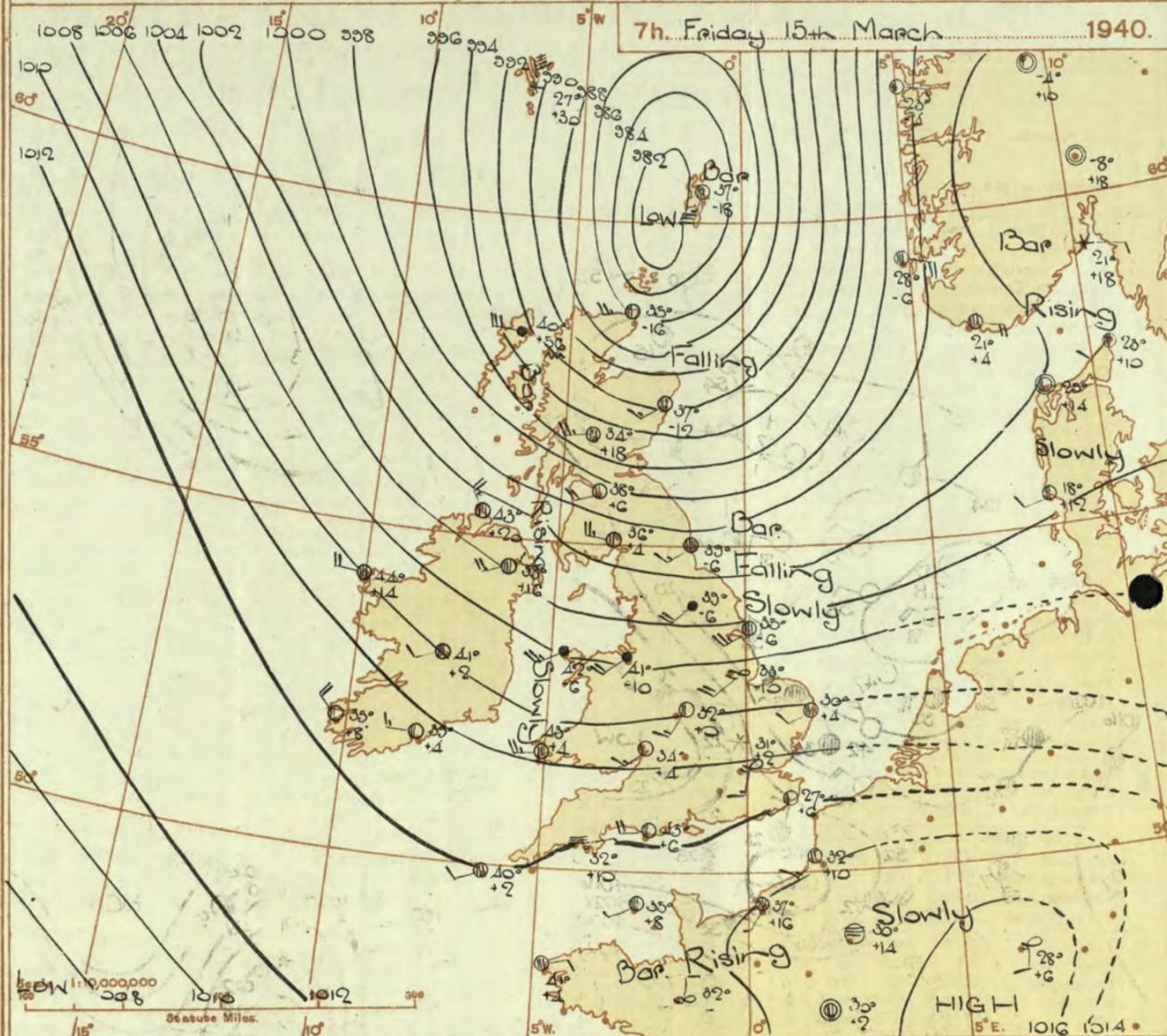
EXPLANATION OF FIGURES, LETTERS, etc. section containing codes for barometric tendency, wind scale, visibility, and sea state.

FOREIGN OBSERVATIONS table for Paris, Brussels, Berlin, Zurich, and Rome.

Table of foreign weather observations for 13th and 14th March.

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 15th March 1940.



DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 15th March, 1940.

1 S.E. England	Light or moderate southwest to west wind, becoming variable; bright periods, a few scattered showers; milder during day, but night frost.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light variable wind; bright periods, a few scattered showers; chance of rain in extreme southwest later; milder, but ground frost locally at night.
6 South Wales ...	
7 North Wales ...	Moderate west to northwest wind, fresh locally at first; bright intervals, local showers of rain, hail or sleet with snow on high ground; average day temperature, frost at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Fresh or strong squally northwest wind, moderating later; bright intervals, wintry showers, most frequent in west, with snow locally; becoming colder with night frost.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 6 - 10.
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 the Shetlands is moving east slowly, while a ridge of relatively high pressure extends from North France near our southwest coasts. There will be bright periods generally, but local showers chiefly in the north. Temperature will rise considerably in England.

FURTHER OUTLOOK.

Local wintry showers in the North; fair temporarily in the South except perhaps in extreme Southwest.

GALE WARNING.

Gale warning issued to districts 15, 16 at 2250h on 14th and in district 11 at 0545 h on 15th.

Forecasts issued at 1030 G.M.T.

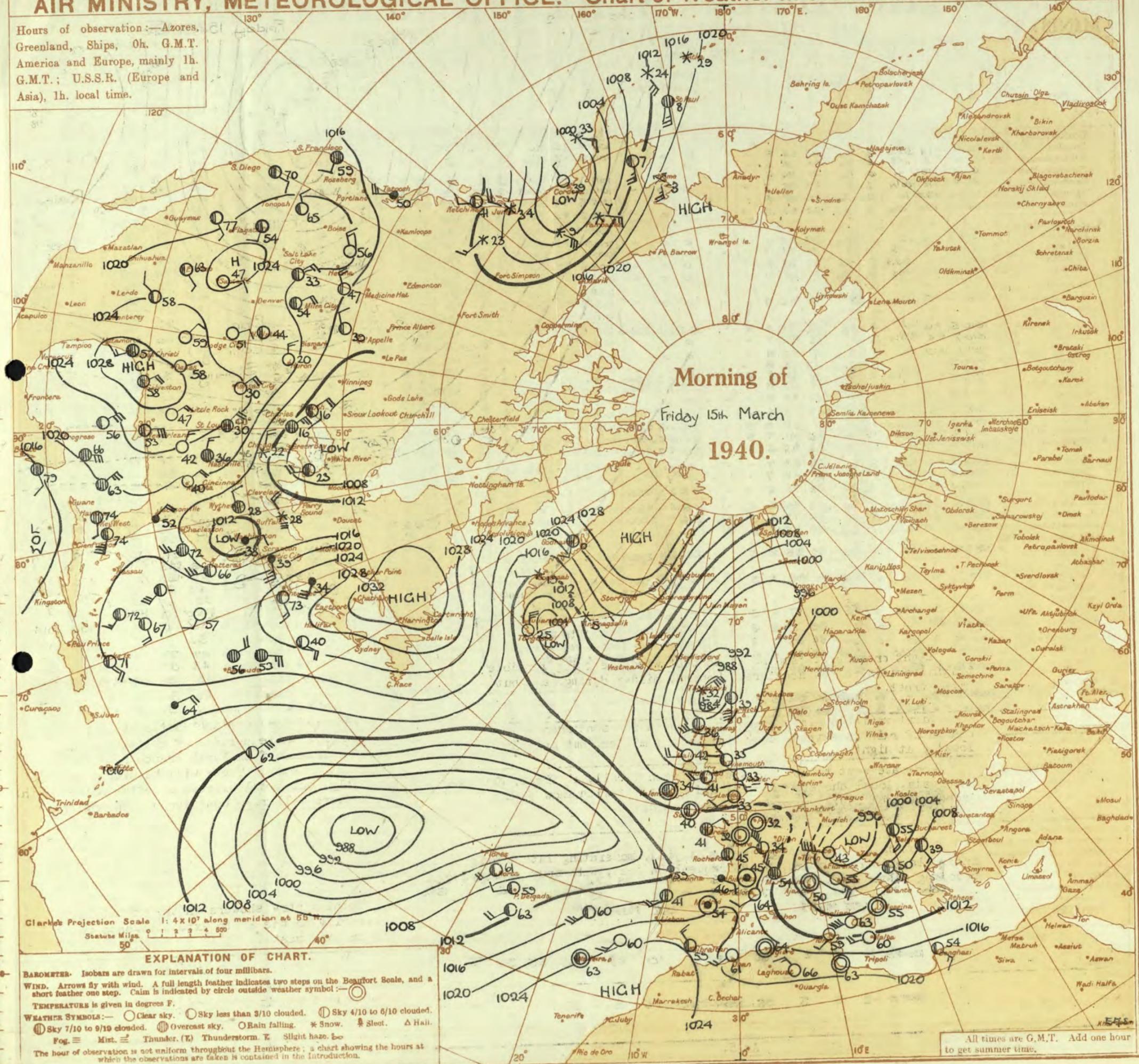
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

476, 3015 and 19 other wires 15/3/40

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.



Morning of
Friday 15th March
1940.

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol: ○
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 3/10 clouded. ⊕ Sky 4/10 to 6/10 clouded. ⊕ Sky 7/10 to 9/10 clouded. ⊕ Overcast sky. ○ Rain falling. * Snow. † Sleet. Δ Hail. Fog ≡ Mist. ≡ Thunder. (T) Thunderstorm. E Slight haze. E
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Friday 15th March, 1940.

No 28,603

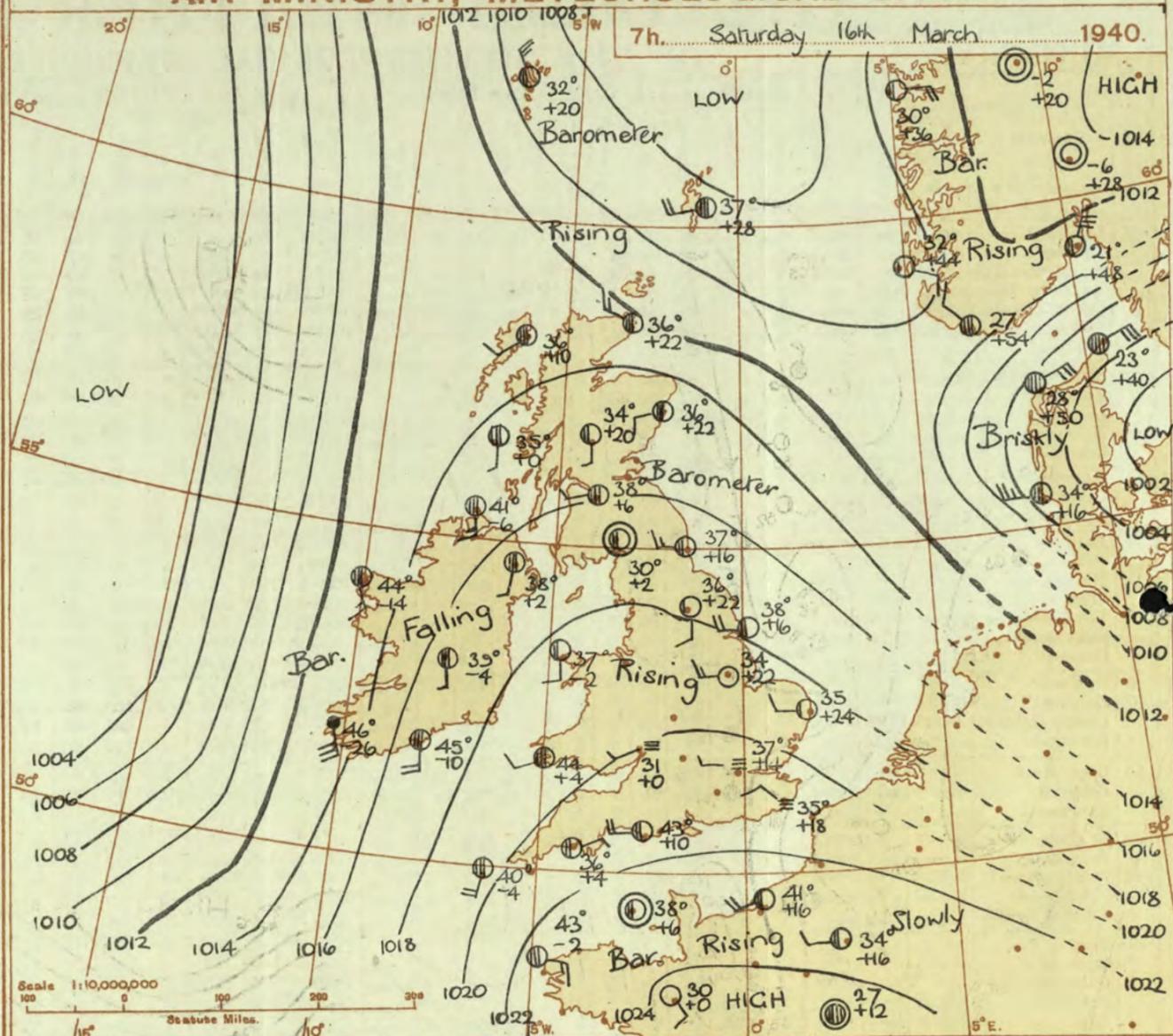
Main table with columns for District, Stations, Observations at 1 hr. G.M.T. 15th March, Observations at 7 hr. G.M.T. 15th March, and Past 24 Hours. Includes sub-columns for Wind, Cloud, Temperature, Humidity, etc.

LONDON OBSERVATIONS table with columns for Day, Night, Min. on Grass, Rainfall, Sunshine, Humidity, and Visibility.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed instructions for interpreting the data in columns 2, 16, 4, 18, 8, 22, and 30.

FOREIGN OBSERVATIONS table with columns for Stations, Barom., Wind, Weather, Temp., and Rainfall for 18h. G.M.T. 15th March, 7h. G.M.T. 15th March, and Past 24 Hours.

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th March, 1940.
1 S.E. England	Wind backing south, light, becoming moderate or fresh; fair at first, cloud increasing with rain spreading east later; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind south, veering south-southwest, fresh or strong at times; dull, a period of rain followed by drizzle and local fog; 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.Scotland B.N.W.Scotland.	Freshening south wind, becoming strong to gale; dull, some rain, heavy in places; milder.
14 Mid Scotland	Wind backing south, light, becoming strong later; bright intervals and local wintry showers at first, rain tomorrow; rather cold, becoming milder tomorrow.
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	
18 N.E. Ireland	As 5 - 8.
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

A wedge of high pressure is crossing Great Britain. Pressure is becoming high from Spain to Central Europe and low over the Central and N.E. Atlantic. Rain will spread over western districts today and to eastern districts tomorrow but will probably be slight in the Southeast. A very mild south-southwest current will advance over the country.

FURTHER OUTLOOK.

Very mild for a few days. Rain at times in the west and north; rather unsettled in the Southeast, but fair periods.

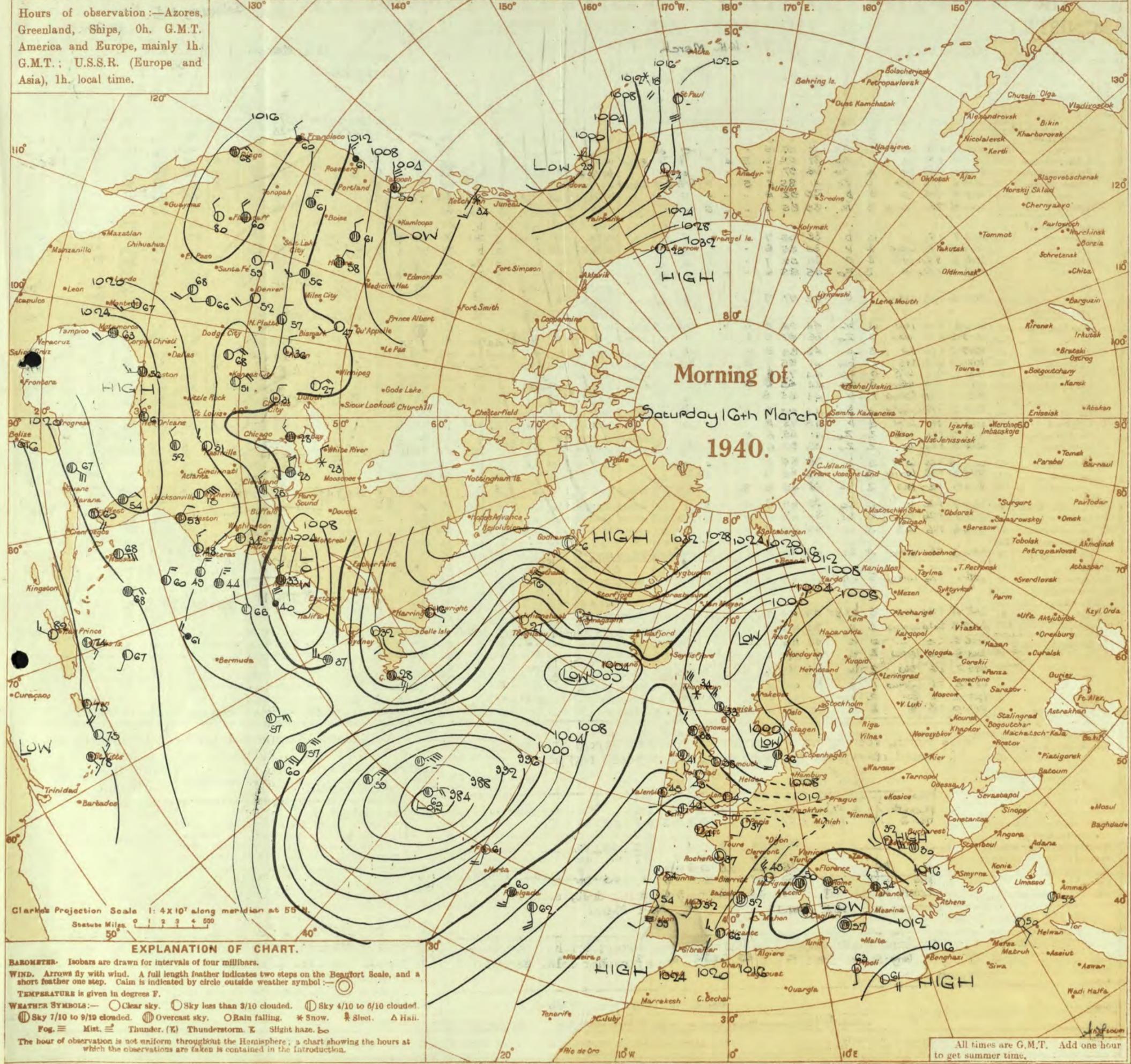
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

Forecasts issued at 1030 G.M.T.

H.M.S.O. Press, Cornwall House & Co. Ltd. 476, 3853, 41109, 41110, 41111, 41112, 41113, 41114, 41115, 41116, 41117, 41118, 41119, 41120, 41121, 41122, 41123, 41124, 41125, 41126, 41127, 41128, 41129, 41130, 41131, 41132, 41133, 41134, 41135, 41136, 41137, 41138, 41139, 41140, 41141, 41142, 41143, 41144, 41145, 41146, 41147, 41148, 41149, 41150, 41151, 41152, 41153, 41154, 41155, 41156, 41157, 41158, 41159, 41160, 41161, 41162, 41163, 41164, 41165, 41166, 41167, 41168, 41169, 41170, 41171, 41172, 41173, 41174, 41175, 41176, 41177, 41178, 41179, 41180, 41181, 41182, 41183, 41184, 41185, 41186, 41187, 41188, 41189, 41190, 41191, 41192, 41193, 41194, 41195, 41196, 41197, 41198, 41199, 41200.

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
Saturday 16th March
1940.

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday 16th March 1940.
No. 28,604

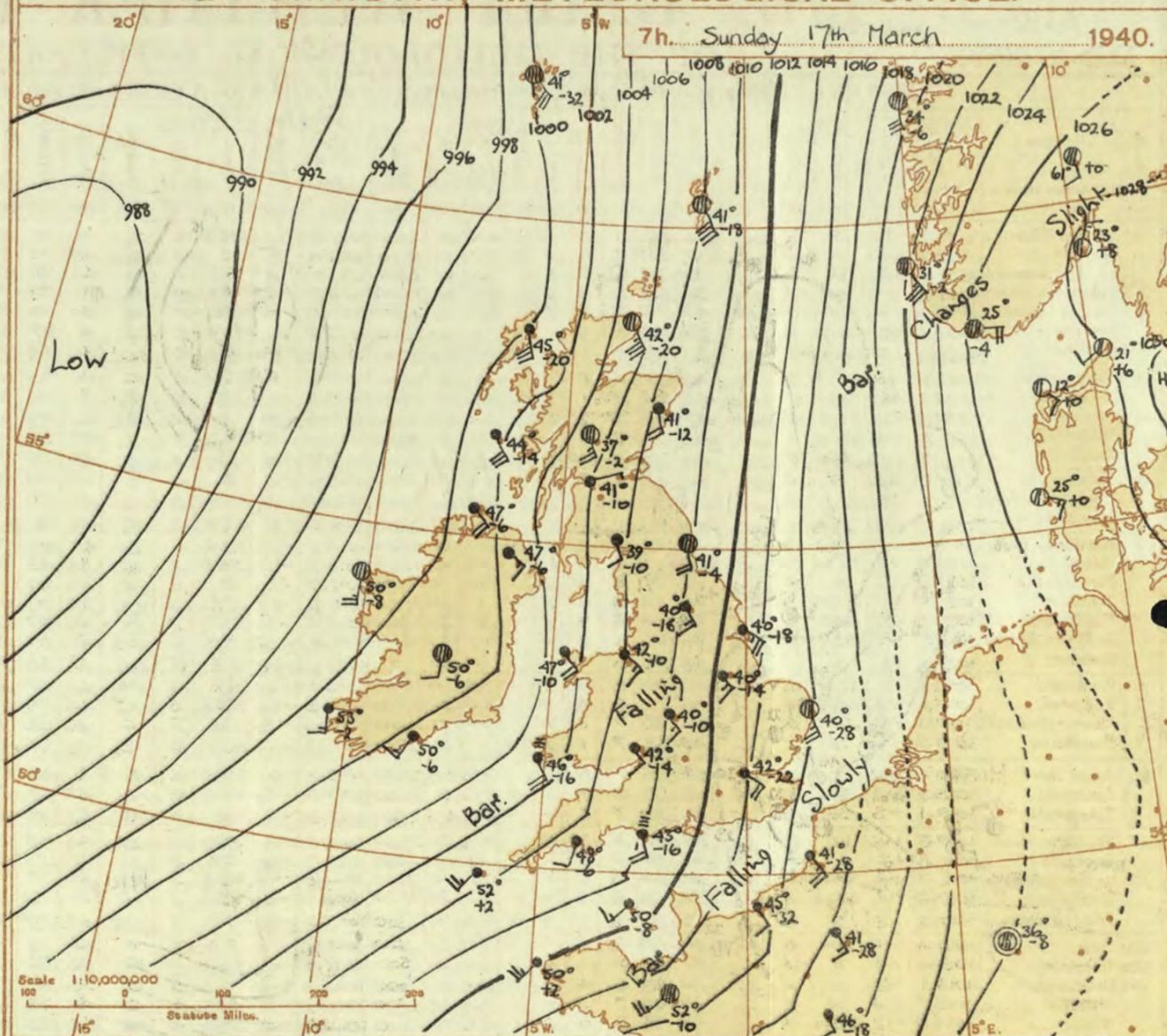
OBSERVATIONS at 1 hr. G.M.T. 16th March

OBSERVATIONS at 7 hr. G.M.T. 16th March

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. (7)	Humid. % (8)	Visibility. (9)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.			State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)						
					Direc. (3)	Force. (4)					Form. (10)	Amount. (11)	Height of Base (feet) (14)			Low. (12)	Med. (13)					High. (13)	Direc. (17)	Force. (18)			Form. (23)	Amount. (24)	Height of Base (feet) (28)	Low. (25)	Med. (26)		High. (27)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew)	18	1018.3	+20	108	2	20	40	97	6	-	-	1020.7	+14	WNW	3	F	36	92	1	-	-	-	10	10	<150	1	*	49	35	27	Tr	1	5.6				
	Croydon	217	1018.3	+20	108	2	20	40	97	6	-	-	1020.6	+14	W	1	F+	37	97	2	-	-	-	10	10	<150	1	*	45	36	32	Tr	1	6.6				
	S. Farnborough	226	1018.0	+20	108	2	20	37	92	6	-	-	1021.2	+12	W	2	F+	38	97	1	-	-	-	10	10	<150	1	*	51	34	28	-	0.1	8.8				
	Boacomb Down	417	1018.0	+20	108	2	20	38	97	6	-	-	1020.6	+8	SW	1	bc	36	97	6	-	-	-	10	10	23	800	1	*	50	35	27	-	0.2	7.2			
	Calsbot (Stmntn.)	8	1018.6	+18	105	2	20	41	85	6	-	-	1020.2	+2	W	1	bc	38	97	6	-	-	-	10	10	2500	1	2	50	37	32	-	0.5	5.1				
	Lympne	346	1018.5	+18	105	3	20	39	92	6	-	-	1021.6	+18	NW	2	bc	35	92	3	-	-	-	4.6	4.6	4000	1	2	45	34	31	-	0.4	6.4				
	Manston	154	1017.8	+34	104	3	20	39	85	4	-	-	1020.9	+18	W	2	bc	34	97	6	-	-	-	0	0	-	1	*	47	33	31	-	0.4	4.8				
2	Shoeburyness	11	1016.7	+26	106	3	20	38	85	7	-	-	1020.5	+16	W	2	bc	37	97	4	-	-	-	0	0	-	1	*	46	36	29	Tr	0.4	4.8				
	Felixstowe	15	1016.7	+26	106	3	20	38	85	7	-	-	1019.6	+18	WNW	3	bc	36	85	6	-	-	-	0	0	-	1	1	45	35	31	0.1	0.3	3.1				
	Corleston	5	1015.5	+20	105	2	20	34	85	6	-	-	1018.2	+24	W	2	bc	35	97	6	-	-	-	1	1	2500	3	*	44	33	32	Tr	-	1.6				
	Mildenhall	19	1016.2	+20	105	3	20	34	85	6	-	-	1015.7	+20	W	3	bc	33	92	6	-	-	-	0	0	-	3	*	46	32	28	Tr	-	1.6				
	Cranwell	240	1016.0	+26	106	3	20	35	85	6	-	-	1018.9	+22	W	3	bc	34	85	6	-	-	-	0	0	-	3	*	48	34	29	0.1	-	0.3				
3	Birmingham	535	1018.3	+18	105	1	bc	32	97	7	-	-	1019.6	+10	WSW	3	bc	35	92	4	-	-	-	0	0	-	1	*	46	33	30	0.3	-	3.6				
	Upper Heyford	408	1018.3	+18	105	1	bc	32	97	7	-	-	1020.6	+6	W	0	bc	31	97	1	-	-	-	0	0	-	1	*	51	30	20	0.1	0.3	*				
4	Ross-on-Wye	223	1018.3	+18	105	1	bc	32	97	7	-	-	1020.0	0	WSW	1	bc	31	97	2	-	-	-	1	0	Tr	-	1	*	49	31	20	Tr	0.2	5.0			
5	Hartland Point	299	1018.3	+14	105	3	bc	45	92	8	2	-	1019.2	-2	W	4	bc	44	92	8	8	6	-	4.6	7.8	2500	1	3	47	43	41	-	Tr	9.0				
	Bristol	209	1019.2	+16	105	2	bc	38	97	5	8	-	1020.7	+8	WSW	1	bc	41	97	6	5	-	-	7.8	7.8	1500	1	*	48	37	27	-	Tr	3.3				
	Portland Bill	32	1019.5	+20	105	5	bc	43	85	8	5	-	1020.6	+10	W	4	bc	43	92	8	5	-	-	2.3	2.3	4000	1	3	45	40	40	-	-	8.0				
	Plymouth	82	1020.5	+18	105	1	bc	41	85	7	5	-	1021.5	+4	E/W	1	bc	36	97	6	4	4	0	4.6	-	1	2	52	35	31	-	-	10.5					
	The Lizard	240	1021.2	+12	105	3	bc	44	75	8	4	-	1021.0	-2	S	3	bc	45	65	8	8	6	-	7.8	7.8	2500	0	2	51	41	-	-	-	10.5				
	Scilly (St. Mary's)	163	1020.6	+10	105	3	bc	44	65	8	8	-	1019.6	+4	SW	4	bc	40	65	8	8	6	-	7.8	7.8	2500	0	1	51	41	-	-	-	10.5				
	Guernsey	175	1020.7	+20	105	1	bc	43	85	8	-	-	1022.1	-4	W	0	bc	38	92	8	1	8	-	1	2.3	2500	1	3	51	38	28	-	-	2.3				
6	Pembroke	142	1018.3	+12	105	2	bc	44	92	8	5	-	1019.1	+4	SW	2	bc	44	97	8	8	6	1	4.6	7.8	2500	1	2	47	41	-	-	-	6.3				
7	Holyhead	26	1016.7	+10	105	2	bc	43	75	8	-	-	1018.4	-2	S	2	bc	37	92	8	5	4	1	2.3	4.6	5700	1	2	48	37	28	0.1	-	3.0				
	Chester (Sealand)	16	1017.1	+20	105	2	bc	41	65	6	5	-	1019.0	+2	W	0	bc	33	65	7	-	-	-	0	0	-	1	*	47	33	25	0.1	-	4.0				
8	Manchester	70	1016.9	+22	106	2	bc	38	92	6	5	-	1019.0	+6	S	1	bc	33	92	4	-	-	-	0	0	-	3	*	45	30	20	0.5	-	3.7				
10	Spurn Head	29	1014.0	+20	105	5	bc	38	85	5	-	-	1017.8	+16	W	4	bc	38	85	5	5	-	-	2.3	2.3	1500	0	3	46	35	-	-	0.4	-	1.5			
	Catterick	175	1018.8	+18	105	2	bc	38	85	7	-	-	1017.8	+22	S	2	bc	36	85	8	4	-	-	Tr	Tr	4000	1	*	46	35	20	-	-	4.0				
	Tynemouth	108	1013.9	+20	105	2	bc	38	85	6	2	-	1016.3	+16	W	3	bc	37	85	6	8	4	-	2.3	2.3	2500	1	1	47	36	29	-	-	*				
11	St. Abbs Head	280	1010.7	+26	105	6	bc	39	65	7	4	-	1014.5	+16	W	6	bc	35	85	7	4	-	-	2.3	4.6	2500	0	3	41	38	-	-	-	9.2				
	Leuchars	36	1011.1	+26	105	4	bc	35	85	9	8	-	1014.6	+18	W	0	bc	35	85	9	5	4	-	Tr	1	5700	1	*	46	34	23	-	-	7.1				
12	Benfrew (Abbots I.)	19	1013.6	+16	105	3	bc	39	85	7	5	-	1015.9	+6	W	1	bc	38	92	8	5	3	1	4.6	7.8	4000	1	*	47	35	29	0.1	Tr	7.1				
	Eskdalemuir	794	1015.5	+8	105	4	bc	42	85	8	4	-	1017.1	+2	W	0	bc	30	92	7	5	7	-	4.6	4.6	2500	0	1	43	30	28	0.4	-	5.6				
	Point of Ayre	36	1015.5	+8	105	4	bc	42	85	8	4	-	1017.1	+4	W	2	bc	34	97	8	-	-	-	0	2.3	-	0	1	50	34	-	-	-	5.7				
13A	Tiree	22	1011.1	+20	105	3	c/pr	39	75	7	8	-	1014.2	0	S	1	bc	35	92	8	8	-	-	2.3	2.3	1500	0	1	47	32	-	-	-	5.0				
13B	Stornoway	80	1011.1	+20	105	3	c/pr	39	75	7	8	-	1013.4	+10	SW	2	bc	36	92	8	5	7	-	2.3	2.3	2500	1	1	37	33	27	0.3	Tr	6.3				
15	Dalwhinnie	1176	1014.4	+22	105	2	bc	34	92	7	5	-	1014.4	+22	W	2	bc	36	85	7	5	6	-	2.3	4.6	2500	4	1	42	35	31	1	0.1	8.2				
	Aberdeen	79	1011.8	+22	105	3	bc	36	85	8	5	-	1011.8	+22	WNW	3	bc	36	85	8	5	4	-	7.8	7.8	2500	4	1	40	33	-	-	0.6	0.3				
	Wick	81	1007.3	+24	105	5	bc/pr	35	85	7	5	7	8	2.3	4.6	1500	1008.7	+28	WSW	4	c/pr	37	75	8	8	7	-	4.6	7.8	800	*	39	31	-	-	0.2		
16	Lerwick	156	1002.8	+44	105	5	bc	33	85	8	8	7	-	1008.7	+28	WSW	4	c/pr	37	75	8	8	7	-	4.6	7.8	800	*	39	31	-	-	-	0.2				
17	Blacksod Point																																					

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th March, 1940.
1 S.E. England	Wind southerly, fresh to strong at times on the coast; dull, rainy today; some temporary improvement tomorrow; becoming mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind southerly, fresh at times, probably becoming strong on coast tomorrow; dull; rain at times; mild.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind southerly, fresh to strong or gale on coast, moderating tomorrow; dull; rainy; becoming slowly milder.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	As 4 - 8.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind south, strong to gale at times on the coast; cloudy or dull; occasional rain; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind southerly, fresh at times, probably increasing to gale locally on coast tomorrow; dull; rain at times; very mild.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

Pressure is high over Spain and also from Scandinavia to Central Europe. A large low pressure area covers the whole of the North Atlantic. Disturbances from the neighbourhood of the Azores will continue to affect the British Isles causing very unsettled and mild weather generally for a few days with gales at times on various parts of the coast.

FURTHER OUTLOOK.

Very unsettled and mainly mild generally.
Gale Warning issued to districts 15E, 15 (part of), 16 at 19.15h. on 16/3/40. To districts 11, 15 (part of) at 05.52h. on 17/3. and to districts 2 (part of), 10 at 10.30h. on 17/3.

Forecasts issued at 1030 G.M.T.

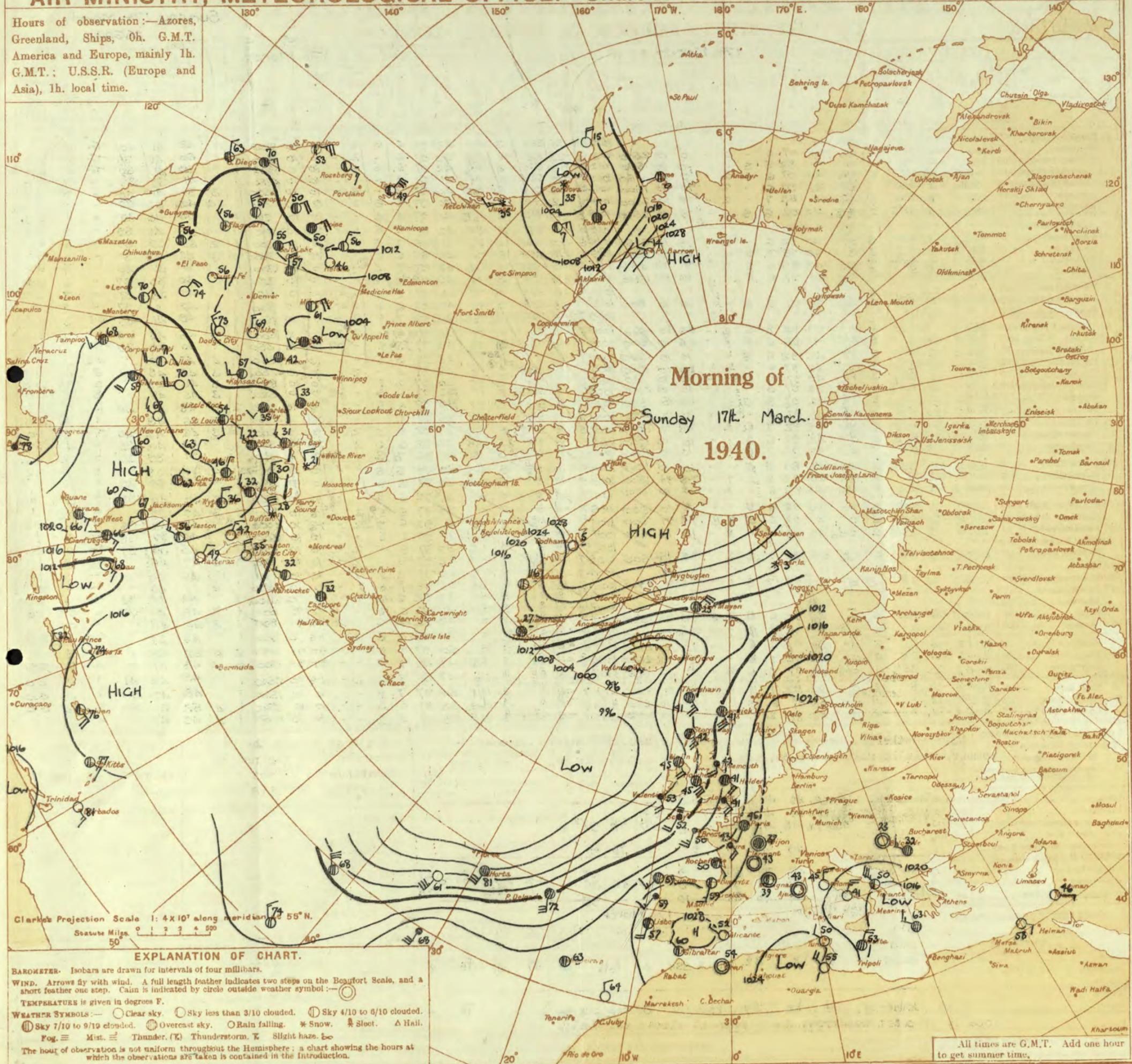
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

G. 416, 3023, 448105, 64610, 64610, 13200, 3440

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 55° N.
 Statute Miles 0 1 2 3 4 5 6 7 8 9 10

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. Rain is indicated by circles outside weather symbol:—

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:— ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. † Sleet. △ Hail. Fog ≡ Mist. ≡ Thunder. (T) Thunderstorm. X Slight haze. &c

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

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

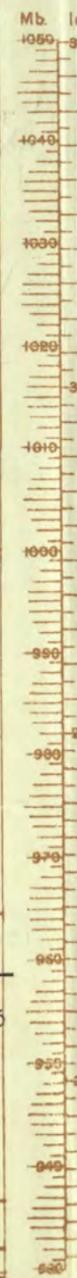
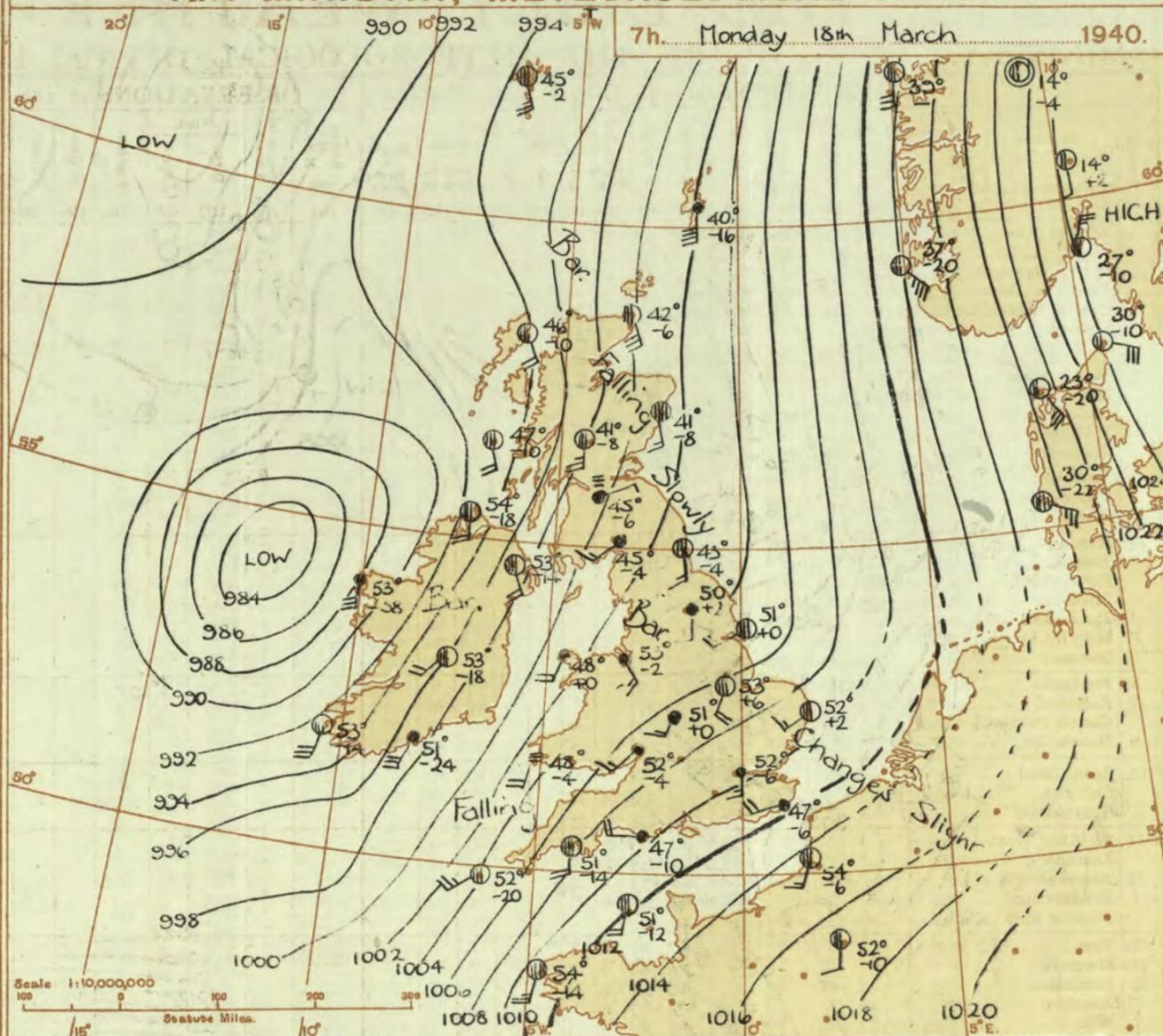
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 17th March														OBSERVATIONS at 7 hr. G.M.T. 17th March														PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. mb. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.				Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 16th Hr. (36)				
					Dirac.	Force.					Form.	Amount.	Height of Base (feet) (14)	Dirac.			Force.	Form.					Amount.	Height of Base (feet) (28)	State of Ground. (29)	Max. Day 7h-18h °F. (31)		Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)						
1	London (Kew)	18												1012.6	-26	SSE	3	rr	42	97	6	6	2	-	7	10	1500	1	*	49	41	40	Tr	5			
	Croydon	217	1013.1	-10	SE'S	4	42	97	6	-	2	-	10	10	2500	1013.1	-22	SE	4	42	97	6	6	2	-	10	10	800	1	*	50	41	39	Tr	4	0.3	
	S. Farnborough	226	1017.9	-14	SE	4	41	92	5	-	-	-	10	10	1500	1017.9	-18	SSE	4	41	97	6	6	2	-	10	10	800	1	*	49	41	39	Tr	4	0.4	
	Boscombe Down	417	1016.5	-18	SE	5	40	97	6	5	2	-	10	10	450	1016.5	-20	SE'S	4	41	97	6	6	2	-	10	10	1500	1	*	51	39	38	-	7	2.0	
	Calshot (Stmntn.)	8	1018.0	-14	SSE	4	42	97	6	-	2	-	10	10	1500	1018.0	-28	SSE	3	42	97	5	2	-	10	10	1500	1	3	51	41	40	-	9	3.2		
	Lympe	346	1021.2	-8	S'W	3	41	85	7	-	2	-	10	10	2500	1015.5	+2	S'E	4	40	97	6	6	2	-	10	10	450	1	4	48	40	39	-	2	3.0	
	Manston	154	1021.2	-2	SE'S	2	42	92	6	5	-	-	10	10	2500	1015.5	-22	S'E	3	40	97	4	6	2	-	10	10	220	1	*	50	40	39	-	1	6.8	
2	Shoeburyness	11												1015.0	-16	S'E	4	rr	42	97	7	6	-	-	10	10	800	1	*	50	41	39	-	2	2.8		
	Felixstowe	15	1020.7	-2	SSE	3	40	92	6	-	2	-	10	10	5700	1015.5	-22	SSE	4	41	85	7	5	-	10	10	1500	1	2	52	39	39	-	Tr	6	7	
	Gorleston	5	1020.8	0	S	3	40	75	7	5	-	-	10	10	2500	1015.7	-28	SSE	5	40	85	6	5	-	10	10	2500	0	3	48	39	37	-	-	5	5.6	
	Mildenhall	19	1018.3	0	SE'S	3	42	85	6	5	2	-	10	10	1000	1013.5	-24	SSE	4	42	85	7	5	-	10	10	1500	1	*	51	41	40	-	Tr	6	8	
	Cranwell	240	1016.8	-18	S	4	40	97	6	5	-	-	10	10	1500	1012.2	-14	S'E	3	40	97	5	6	-	-	10	10	220	1	*	50	39	37	-	3	6.1	
3	Birmingham	535												1010.7	-10	SSE	3	rr	40	97	6	6	-	-	10	10	450	1	*	47	38	37	-	7	3.9		
	Upper Heyford	408	1016.5	-22	SSE	4	40	97	5	5	-	-	10	10	800	1012.1	-18	SSE	3	40	97	6	6	2	-	10	10	800	1	*	47	*	37	-	5	*	
4	Ross-on-Wye	223												1009.6	-14	SSE	2	rr	42	92	7	6	2	-	10	10	1500	1	*	49	41	39	0.1	3	0.5		
5	Hartland Point	299	1009.3	-2	SSE	6	47	92	8	6	2	-	46	10	1500	1006.3	-16	SW	4	47	97	6	-	2	-	10	10	1500	1	3	46	44	44	1	7	0.3	
	Bristol	209	1013.3	-26	S	5	42	85	6	6	2	-	46	10	1500	1009.7	-14	SSE	2	43	97	5	5	-	-	10	10	450	1	*	50	40	39	Tr	11	1.5	
	Portland Bill	32	1016.0	-16	S	5	42	92	6	5	-	-	10	10	1500	1009.7	-16	S	4	43	92	3	5	-	-	10	10	2150	1	4	47	40	*	0.2	9	*	
	Plymouth	82	1012.0	-16	S'W	3	48	97	6	-	2	-	10	10	800	1009.0	-6	SSW	2	48	97	4	-	2	-	10	10	2150	1	3	46	45	44	5	2.2	0.3	
	The Lizard	240	1001.8	-6	SSW	3	49	97	1	5	-	-	10	10	220	1008.7	-2	SW	5	50	97	2	5	-	-	10	10	800	1	3	46	45	*	9	2.3	0.0	
	Scilly (St. Mary's)	163	1009.0	-14	SW'S	4	52	97	3	-	-	-	10	10	2150	1007.6	+2	SW'S	5	52	97	6	5	-	-	10	10	1500	1	3	48	48	*	8	15	0.0	
	Guernsey	175	1013.6	-16	S	5	42	97	5	5	-	-	10	10	1500	1011.8	-8	SW	3	50	97	4	5	-	-	10	10	450	2	3	48	41	40	2	17	3.6	
6	Pembroke	142	1008.6	-20	S'E	4	48	97	2	-	-	-	10	10	2150	1004.4	-16	S'E	4	46	97	1	-	-	-	10	10	2150	1	3	46	43	*	1	12	0.4	
7	Holyhead	26	1008.0	-22	SSE	6	45	92	7	6	2	-	78	10	1500	1004.8	-10	SSE	4	47	92	8	5	2	-	10	10	1500	1	3	48	42	40	Tr	1	1.0	
	Chester (Sealand)	16	1012.0	-22	SE'S	4	42	92	5	5	-	-	10	10	1500	1008.0	-10	SE	3	42	92	6	6	2	-	7.8	10	800	1	*	50	40	38	-	4	3.7	
8	Manchester	70	1013.0	-18	SE	4	41	92	5	5	-	-	10	10	1500	1010.0	-10	SE'S	3	42	85	7	5	-	-	10	10	1500	1	*	51	39	39	-	2	4.2	
10	Spurn Head	29	1016.4	+10	SE'E	4	41	85	5	5	-	-	10	10	1500	1011.8	-18	SE	5	40	97	5	5	-	-	10	10	800	1	4	(50)	39	*	-	Tr	5	6
	Catterick	175	1013.9	-14	S	5	40	92	5	5	7	-	7.8	9	1500	1009.9	-16	S'E	3	40	97	5	5	-	-	10	10	450	1	*	51	39	35	-	Tr	5	7
	Tynemouth	108	1014.2	-14	S	4	42	85	6	-	-	-	10	10	1500	1010.7	-4	S	4	41	92	6	5	-	-	10	10	1500	1	2	49	40	38	-	0.2	*	
11	St. Abbs Head	280	1010.7	-8	SSE	5	40	92	6	5	-	-	10	10	1500	1008.7	+4	S	5	39	97	6	5	2	-	7.8	10	1500	1	3	49	39	*	-	0.5	*	
	Leuchars	36	1011.8	-20	SSE	6	41	92	6	5	7	8	7.8	9	1500	1007.7	-10	ESE	3	41	92	6	5	2	-	7.8	10	4000	1	*	48	40	36	-	0.4	4.2	
12	Renfrew (Abbots L.)	19	1010.8	-18	ESE	2	40	92	4	-	2	-	10	10	1500	1007.2	+0	E'N	1	41	97	4	5	-	-	10	10	1500	1	*	46	39	38	Tr	3	2.1	
	Eskdalemuir	794												1007.7	-10	S	2	42	97	5	5	-	2	-	-	10	10	220	1	*	45	38	37	Tr	1	2.5	
	Point of Ayre	30	1009.5	-18	S'E	6	40	97	7	8	2	-	7.8	10	1500	1005.7	-10	SSE	5	42	97	6	-	2	-	10	10	800	1	3	47	40	40	0.5	2	1.5	
13A	Tiree	22												1000.3	-14	S'E	6	44	97	6	-	2	-	-	-	10	10	1500	1	5	46	40	*	-	3	0.5	
13B	Stornoway	80	1006.2	-26	SE	5	42	75	7	5	1	-	4.6	10	2500	1002.2	-20	S	6	45	85	7	5	7	-	10	10	2500	1	0	41	40	*	-	1	5.7	
15	Dalwhinnie	1176												1006.7	-2	S	5	41	92	6	5	7	-	-	-	10	10	1500	1	*	44	34	34	-	1	2.0	
	Aberdeen	79												1008.5	-12	S	5	41	92	6	6	-	-	-	-	10	10	800	1	2	45	40	37	-	0.5	1.5	
	Wick	81	1009.9	-18	SSE	6	41	92	6	5	7	8	7.8	9	1500	1004.7	-20	SSE	7	42	92	6	6	1	8	4.6	9	800	1	3	46	40	*	-	0.1	*	
	Lerwick	156	1013.1	-14	S	8	41	75	8	8	7	-	4.6	7.8	1500	1008.8	-18	S'E	6	41	85	7	8	2	-	7.8	10	800	1	*	43	39	*	0.4	-	5.0	
17	Blackrod Point	18	1008.8	-6	S	5	40	97	6	6																											

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 18th March 1940.



Districts.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M. 18th March, 1940.
1 S.E. England	Moderate or fresh south to southwest winds; dull with local rain at first, perhaps bright intervals locally later; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh south wind, strong on coasts; occasional rain, bright intervals later; local coast fog at first; mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Fresh south wind, strong to gale on coasts, decreasing slowly; cloudy, occasional rain; local coast mist; mild.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Fresh south wind, strong on coasts, veering southwest and decreasing; rain at first, bright intervals and showers later; mild.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Fresh south wind, strong on coasts, veering southwest and decreasing; rain at first, bright intervals and showers later; 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.

An anticyclone centred over Poland is moving slowly southeast, and a depression off northwest Ireland is moving north-northeast. There will be occasional rain or drizzle in most districts, but bright intervals are likely in Ireland and perhaps locally in S. E. England.

FURTHER OUTLOOK.
 Unsettled and mild.

GALE WARNING.

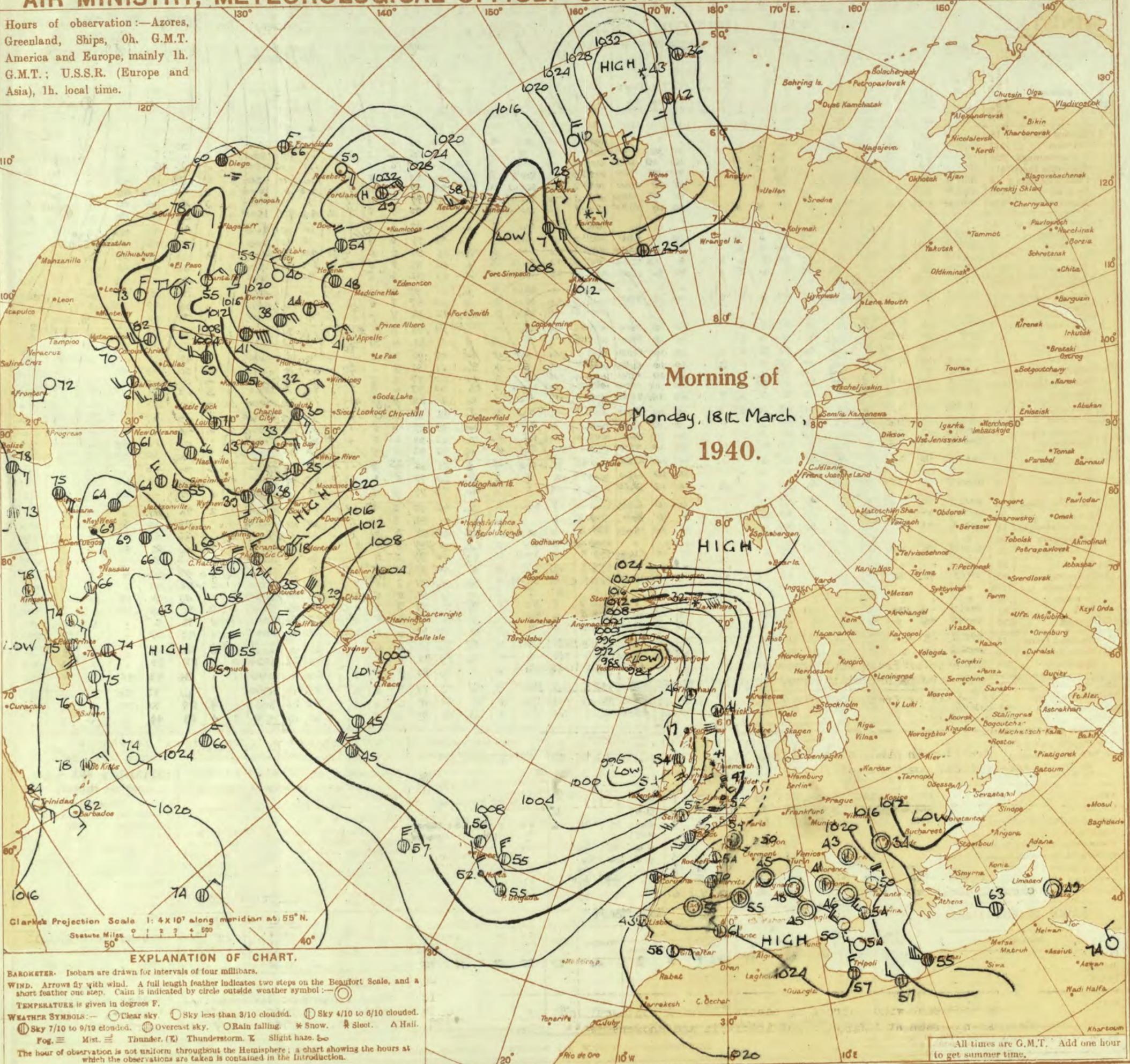
Gale Warning issued at 1915 on 16/3 in districts 13B, 15 (Part of) 16.
 Gale Warning issued at 0552 on 17/3 in district 15 (Part of) 11.
 Gale Warning issued at 1035 on 17/3 in district 10.
 Gale Warning issued 2000 on 17/3 in districts 17, 18, 20, 12 (Part of). At 0540 on 18/3 in district 19.

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

Forecasts issued at 1030 G.M.T.

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

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



Morning of
Monday, 18th March,
1940.

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: ☉ Clear sky. ☁ Sky less than 3/10 clouded. ☂ Sky 4/10 to 6/10 clouded. ☃ Sky 7/10 to 9/10 clouded. ☄ Overcast sky. ☔ Rain falling. * Snow. ⚡ Stleet. Δ Hail. Fog. ☁ Mist. ⚡ Thunder. (T) Thunderstorm. ☂ Slight haze. ☁
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 18th March														OBSERVATIONS at 7 hr. G.M.T. 18th March														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.				Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.					
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Form.			Amount.	Height of Base (feet).					Form.	Amount.	Height of Base (feet).	State of Ground.		Max. Day 7h-18h.	Min. Night 18h-7h.	Min. on Grass.	Day 7h-18h mm.	Night 18h-7h mm.						
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1009.8	0	SW	4	Zo	52	92	6	5	-	-	10	10	1500	1	*	52	50	50	8	1	0.0			
	Croydon	217	1010.5	+2	SW	4	ido	52	97	5	5	-	-	10	10	450	1009.6	-6	S	3	c/r	52	97	6	5	2	-	9	10	800	1	*	53	51	49	5	2	0.0
	S. Farnborough	226	1011.1	+12	SSW	6	Zo	51	97	5	6	-	-	10	10	450	1009.6	-8	SSW	5	RR	51	97	6	5	-	-	10	10	450	1	*	54	50	49	3	1	0.0
	Boscombe Down	417	1010.1	+2	SW'S	4	ido	50	97	5	5	-	-	10	10	450	1008.6	+2	SW'S	3	ir	50	97	6	5	-	-	10	10	450	1	*	55	49	42	3	3	0.0
	Calshot (Stmntn.)	8	1011.4	+2	WSW	3	rofo	49	97	5	2	-	-	10	10	220	1010.3	+6	SW'W	2	c/r	48	97	6	6	7	-	2-3	10	800	1	2	50	46	45	4	6	0.0
	Lympe	346	1012.9	+2	SW	4	Fr	48	97	1	-	-	-	10	10	450	1012.3	-6	SW'W	4	rofo	47	97	7	6	7	-	9	10	450	1	3	49	46	45	9	2	0.0
	Manston	154	1011.6	+6	SW	5	m/r	51	97	4	6	-	-	10	10	450	1010.9	-2	SW'W	4	c	51	85	7	5	7	2	4-6	7-8	1500	1	*	50	49	48	10	3	0.0
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1010.1	+4	SW	3	c	51	97	6	5	-	-	10	10	800	1	*	49	47	46	11	4	0.0			
	Felixstowe	15	1009.4	-2	SSW	5	Zo	48	97	5	6	-	-	10	10	450	1009.4	0	SW	4	Zo	48	97	6	5	-	-	10	10	800	1	1	50	42	42	8	5	0.0
	Gorleston	5	1008.3	-16	SW'S	3	m/r	44	92	4	6	-	-	10	10	1500	1008.1	+2	SW	3	c/r	52	97	6	5	-	-	4-6	9+	2500	1	2	41	39	38	5	6	0.0
	Mildenhall	19	1007.4	-2	SW'S	5	c	53	92	7	6	2	-	9	10	800	1007.6	+2	SW'S	4	c	52	92	7	5	3	6	2-3	9+	5700	1	*	48	46	46	11	7	0.0
	Cranwell	240	1005.5	-6	SW	5	Zo	53	92	6	5	-	-	9+	9+	1500	1005.9	+6	SSW	4	Zo	53	92	6	5	-	-	9+	10	800	1	*	46	45	43	13	5	0.0
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1006.1	0	SSW	3	ido	51	97	5	6	-	-	10	10	450	1	*	54	51	50	4	4	0.0			
	Upper Heyford	408	1008.5	+6	SSW	2	dodo	52	97	5	2	-	-	10	10	450	1008.3	+6	SSW	2	c	50	97	7	6	-	-	10	10	450	1	*	54	49	48	8	7	0.0
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1004.6	-4	SSW	3	ido	52	92	7	6	-	-	8	9+	10	1500	1	*	57	52	51	1	4	0.1		
5	Hartland Point	299	1006.3	+6	SW	7	o	51	97	6	5	-	-	10	10	1500	1004.5	-10	SW	4	c/r	54	92	8	5	2	-	7-8	9+	1500	1	3	53	50	50	5	0.2	0.0
	Bristol	209	1008.4	+6	SW'S	5	dodo	54	92	6	5	-	-	10	10	800	1007.2	-8	S	4	ir	51	97	6	6	2	-	9+	10	450	1	*	57	51	49	4	4	0.1
	Portland Bill	32	1010.7	+4	WSW	4	rf	46	92	3	5	-	-	10	10	450	1009.5	-10	W	4	RR	47	92	7	5	-	-	10	10	1500	1	4	47	43	4	6	11	0.0
	Plymouth	82	1010.4	+2	SSW	3	rf	49	97	4	2	-	-	10	10	450	1007.5	-14	S	4	q/r	51	97	5	2	-	-	10	10	450	1	3	50	48	47	5	12	0.0
	The Lizard	240	1007.5	0	S	5	rf	50	97	2	5	-	-	10	10	450	1006.4	-10	S	5	rr	50	97	6	5	-	-	10	10	1500	1	4	52	50	4	6	9	0.0
	Scilly (St. Mary's)	163	1007.3	-4	SSW	5	c	52	97	6	5	-	-	10	10	1500	1003.8	-20	SW'S	5	c/r	52	97	6	8	2	-	7-8	10	1500	1	3	53	51	4	2	2	0.0
	Guernsey	175	1012.8	-6	SW'S	5	bc	52	92	7	2	7	-	2-3	4-6	2500	1010.4	-12	SW	4	c	51	85	8	5	1	-	7-8	7-8	4000	2	4	53	50	47	-	0.1	0.0
6	Pembroke	142	1007.6	+4	SW	6	mq	49	97	4	5	-	-	10	10	800	1003.7	-4	SW	4	f	48	97	2	-	-	10	10	450	1	3	49	47	4	6	9	0.0	
7	Holyhead	26	1001.9	+2	SSE	4	f	48	97	2	-	-	-	10	10	450	1001.1	0	SE	4	dodo	48	97	4	5	-	-	10	10	450	1	2	49	47	46	3	7	0.0
	Chester/Sealand	16	1004.2	+2	SW	1	c/r	53	85	7	5	-	-	9+	9+	800	1003.6	-2	SE	3	ro	53	92	6	5	-	-	10	10	800	1	*	52	51	48	4	11	0.0
8	Manchester	70	1004.1	-4	S/E	2	rofo	51	97	4	6	2	-	9+	10	450	1004.1	+4	SW	4	ro	52	92	5	5	-	4	9+	9+	1500	1	*	50	50	48	4	13	0.0
10	Spurn Head	29	1004.5	-12	SE	3	ff	42	97	3	-	-	-	10	10	450	1004.2	0	SW	4	d	51	92	6	5	-	-	7-8	7-8	2500	1	3	41	40	4	12	6	0.0
	Catterick	175	1003.8	-12	S	1	ff	45	97	2	-	-	-	10	10	450	1002.7	+2	S	2	ido	50	97	5	5	7	-	7-8	9+	800	1	*	44	43	40	2	3	0.0
	Tynemouth	108	1004.9	-8	S	3	ff	41	97	4	-	-	-	10	10	1500	1002.4	-4	S	3	c/r	43	97	2	5	-	-	7+	7+	800	1	2	42	41	39	3	2	0.0
11	St. Abbs Head	280	1002.8	-8	SSE	3	f	41	97	2	-	-	-	10	10	450	1000.0	-8	SSW	3	Zo	42	97	5	8	6	-	7-8	10	1500	1	2	42	39	4	0.4	1	0.0
	Leuchars	36	1002.6	-14	o	0	m	41	97	4	5	2	-	9	10	800	999.8	-6	o	f	41	97	3	-	2	-	10	10	450	1	*	44	40	39	0.8	2	0.0	
12	Renfrew (Abbots L.)	19	1001.8	-14	E	2	ff	45	97	3	-	-	-	10	10	1500	999.2	-6	E/N	1	df	45	97	3	-	2	-	10	10	800	1	*	46	43	42	2	3	0.0
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1000.6	-4	SW	3	rofo	45	97	5	-	2	-	-	-	10	10	450	1	*	45	41	42	2	7	0.0	
	Point of Ayre	30	1000.8	-8	S/E	4	dodo	45	97	3	-	-	-	10	10	450	999.8	-2	SW'S	3	ff	40	97	7	5	-	-	9+	9+	2500	1	2	43	43	4	7	4	0.0
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	993.3	-10	SE	4	e	47	97	7	5	-	-	-	-	9+	9+	1500	1	4	47	44	4	4	4	0.0	
13B	Stornoway	80	997.3	-6	SE	4	pr	47	85	7	5	2	-	7-8	10	2500	993.7	-10	SE	4	cd	46	97	7	5	7	-	7-8	10	2500	1	2	48	45	4	3	0.0	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.0	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1000.2	-8	SE	3	q/r	41	97	2	5	-	-	-	-	10	10	800	1	2	41	40	39	1	3	0.0	
	Wick	81	1001.7	-4	SSE	6	c	42	97	6	5	2	-	7-8	10	800	998.8	-6	SSE	6	cd	42	97	6	5	2	-	7-8	10	800	1	3	43	41	4	Tr	Tr	0.0
	Lerwick	156	1004.5	+6	S	8	c	41	92	6																												

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

BRITISH SECTION

Tuesday 19th March, 1940.

No. 28,607.

OBSERVATIONS at 13h. G.M.T. 18th. March

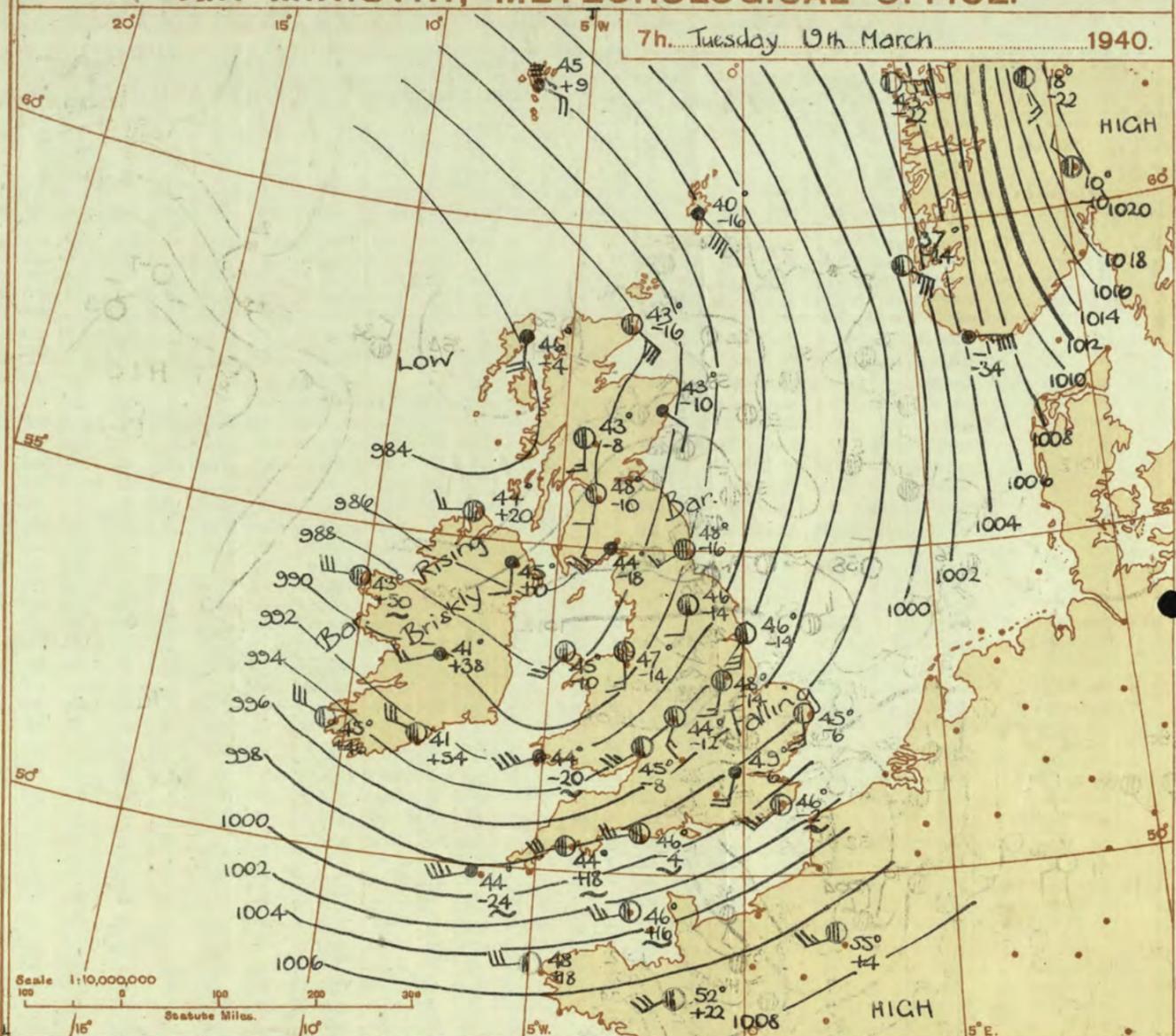
OBSERVATIONS at 18h. G.M.T. 18th. March

PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. (29)	Sea. 0-9 (30)	WEATHER.						
				Dirac. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Form. (23)	Amount (24)			Height of Base (feet) (28)	State of Ground. (29)					Sea. (30)	7h.-13h. 18th. (37)	13h.-18h. 18th. (38)	18h. to 19h. 19th. (39)	1h.-7h. 19th. (40)									
																														Low.	Med.	High	Low	Med.	High	Low
1	London (Kew)...	1005.0	-12	SSW	4	C	58	75	5	5	1	-4-6	10	2500	1005.5	-2	SSW	4	gpr	55	85	6	5	-	-	9	9	1500	1	*	crpmc	crpmc	crpmc	crpmc		
	Croydon ...	1008.7	-10	SSE	4	C	60	75	7	1	7	-	1	10	2500	1006.4	-2	S	5	gpr	56	85	6	6	2	-	9	10	800	1	*	crpmc	crpmc	crpmc	crpmc	
	S. Farnborough	1008.4	-12	SSW	4	C	58	75	7	7	7	-2-3	10	2500	1005.3	-10	SSE	4	gpr	54	87	6	5	-	-	9	10	2500	2	*	crpmc	crpmc	crpmc	crpmc		
	Boscombe Down	1007.0	-10	SSW	3	C	55	85	7	6	7	-7-5	9	1500	1008.9	-18	SSW	3	gpr	53	87	6	5	7	-	7	9	1500	1	*	crpmc	crpmc	crpmc	crpmc		
	Calshot (Soton.)	1008.4	-14	SSW	4	C	53	85	8	5	7	7	1	9	5700	1005.7	-12	SSW	2	gpr	50	87	7	5	7	8	7	8	2500	1	2	crpmc	crpmc	crpmc	crpmc	
	Lympe	1010.4	-20	SSE	2	C	58	75	8	5	5	5	5	5	4000	1007.9	-12	SSW	1	bc	52	85	8	-	7	1	0	4	6	0	3	2	crpmc	crpmc	crpmc	crpmc
	Manston	1009.6	-14	SSW	4	C	59	75	7	5	7	7	4	10	4000	1006.7	-6	SSW	3	bc	56	85	7	5	7	2	4	6	1600	1	1	crpmc	crpmc	crpmc	crpmc	
2	Shoeburyness ...	1009.4	-12	SSW	2	C	59	85	8	-	7	-	0	10	1006.8	-2	SSW	2	C	55	85	8	5	7	1	7	8	9	1500	1	*	crpmc	crpmc	crpmc	crpmc	
	Felixstowe ...	1008.9	-10	S	3	C	48	92	7	5	7	-2-3	10	2500	1005.9	-12	S	3	C	47	85	6	5	7	4	4	6	9	2500	1	1	crpmc	crpmc	crpmc	crpmc	
	Gorleston ...	1008.2	-4	S	3	C	55	92	6	6	-	-	10	1500	1005.6	-20	SSW	4	C	51	92	6	5	-	-	7	8	2500	1	2	crpmc	crpmc	crpmc	crpmc		
	Mildenhall ...	1007.8	-4	S	3	C	57	92	6	5	1	-7-8	10	2500	1003.9	-18	S	4	C	52	85	7	6	5	7	-	9	9	4000	1	*	crpmc	crpmc	crpmc	crpmc	
	Cranwell ...	1004.6	-14	SSW	3	C	57	85	7	5	2	-	9	10	1500	1002.0	-16	SSW	3	C	55	85	7	5	7	6	4	6	2500	1	*	crpmc	crpmc	crpmc	crpmc	
3	Birmingham	1004.1	-12	SSW	3	C	57	85	7	6	1	-7-8	10	800	1001.4	-12	SSW	3	C	56	85	8	5	7	-	9	9	800	1	*	crpmc	crpmc	crpmc	crpmc		
	Upper Heyford	1007.2	-8	S	4	C	54	92	7	6	2	-	9	10	800	1003.7	-10	SSE	4	C	54	85	8	5	7	9	4	6	1500	1	*	crpmc	crpmc	crpmc	crpmc	
4	Ross-on-Wye ...	1004.2	-10	SSW	4	C	56	85	7	5	3	8	4	6	1500	1000.4	-26	SSW	5	bcq	53	85	7	6	-	3	2	3	1500	1	*	crpmc	crpmc	crpmc	crpmc	
5	Hartland Point	1002.3	-12	SSW	3	C	57	85	8	8	1	-7-8	9	2500	998.6	-6	SSW	5	bcq	53	92	6	6	2	-	9	10	1500	1	3	crpmc	crpmc	crpmc	crpmc		
	Bristol ...	1005.3	-14	SSW	4	C	55	85	8	5	7	-7-8	10	1500	1002.5	-14	S	3	C	55	85	8	8	4	-	7	8	800	1	*	crpmc	crpmc	crpmc	crpmc		
	Portland Bill ...	1006.7	-12	S	3	C	48	92	7	5	-	-	10	10	2500	1003.9	-22	SSW	4	C	48	92	7	5	7	-	4	6	2500	1	4	crpmc	crpmc	crpmc	crpmc	
	Plymouth ...	1005.9	-8	S	4	C	51	92	6	6	2	-	9	10	800	1002.1	-18	SSW	5	bcq	50	87	6	6	2	-	4	6	800	1	4	crpmc	crpmc	crpmc	crpmc	
	The Lizard ...	1004.1	-12	SSW	6	C	51	92	6	8	2	-7-8	9	1500	1000.4	-20	SSW	6	PR	51	97	6	5	-	-	10	10	1500	1	4	crpmc	crpmc	crpmc	crpmc		
	Scilly (St. Mary's)	1002.0	-14	SSW	5	C	54	92	6	5	2	-7-8	10	1500	998.9	-14	SSW	5	bcq	53	92	6	5	7	-	7	8	9	1500	1	3	crpmc	crpmc	crpmc	crpmc	
	Guernsey ...	1008.1	-10	SSW	2	C	59	75	7	5	7	-2-3	9	2500	1005.6	-16	SSW	3	C	56	85	8	8	7	-	4	6	2500	1	3	crpmc	crpmc	crpmc	crpmc		
6	Pembroke ...	1001.3	-4	SSW	5	C	49	97	5	5	-	-	10	10	800	997.5	-16	SSW	6	C	48	97	5	5	-	-	10	10	800	1	3	crpmc	crpmc	crpmc	crpmc	
7	Holyhead ...	998.5	-10	S	5	C	50	97	6	5	-	-	10	10	450	995.5	-18	SSW	4	C	49	97	4	5	-	-	10	10	450	1	3	crpmc	crpmc	crpmc	crpmc	
	Chester (Sealand)	1001.5	-12	SSE	3	C	57	85	6	5	2	-	9	10	1500	997.9	-18	SSE	3	PR	56	85	6	8	4	-	2	3	1500	1	*	crpmc	crpmc	crpmc	crpmc	
8	Manchester ...	1002.0	-14	S	4	C	57	85	6	5	7	-7-8	10	1500	998.8	-18	SSE	3	bcq	56	92	6	8	7	-	7	8	1500	1	*	crpmc	crpmc	crpmc	crpmc		
10	Spurn Head ...	1001.1	-4	SSE	4	C	50	97	6	5	-	-	10	10	1500	1001.2	-8	S	4	C	51	92	6	5	-	-	9	9	2500	1	3	crpmc	crpmc	crpmc	crpmc	
	Catterick ...	1001.2	-14	S	3	C	57	85	5	5	7	-7-8	10	1500	998.2	-16	SSW	3	bcq	57	85	5	5	7	-	4	6	7	1500	1	2	crpmc	crpmc	crpmc	crpmc	
	Tynemouth ...	1001.9	-4	S	4	C	52	85	6	8	-	-	9	9	2500	999.3	-10	SSE	3	C	49	92	5	8	-	-	9	9	2500	1	2	crpmc	crpmc	crpmc	crpmc	
11	St. Abbs Head	997.9	-20	SSW	5	C	54	85	8	8	6	-4-6	7	1500	995.2	-2	S	4	C	56	85	8	8	6	-	4	6	2500	0	3	crpmc	crpmc	crpmc	crpmc		
	Leuchars ...	997.8	-12	S	2	C	54	85	7	5	7	-7-8	10	1500	994.2	-18	SSE	3	C	51	92	7	8	7	-	7	8	1500	1	*	crpmc	crpmc	crpmc	crpmc		
12	Bentley (Abbots L.)	996.5	-14	SSE	2	C	54	85	6	5	-	-	9	9	1500	993.9	-14	S	3	C	53	85	6	5	-	-	9	9	1500	1	*	crpmc	crpmc	crpmc	crpmc	
	Eskdalemuir ...	998.4	-12	SSW	4	C	50	97	6	2	-	-	10	10	450	995.6	-10	SSW	6	C	49	97	6	5	-	-	10	10	450	1	*	crpmc	crpmc	crpmc	crpmc	
	Point of Ayre ...	997.5	-8	SSW	5	C	48	97	6	6	2	-7-8	10	800	995.2	-10	SSW	5	C	49	97	7	5	5	-	4	6	800	1	3	crpmc	crpmc	crpmc	crpmc		
13A	Tiree ...	990.3	-6	S	6	C	50	92	7	5	-	-	9	9	1500	988.5	-6	SSE	4	bcq	48	92	7	7	3	-	4	6	2500	0	3	crpmc	crpmc	crpmc	crpmc	
13B	Stornoway ...	990.6	-12	S	6	C	51	85	7	5	7	-	9	9	2500	990.2	0	SSW	4	C	49	85	7	5	7	-	2	3	2500	1	3	crpmc	crpmc	crpmc	crpmc	
15	Dalwhinnie ...	996.3	-12	S	5	C	47	85	5	4	-	-	4	10	1500	992.9	-10	S	4	C	48	92	7	4	5	2	4	6	2500	1	1	crpmc	crpmc	crpmc	crpmc	
	Aberdeen ...	998.4	-4	S	4	C	41	97	4	5	7	-	9	9	450	995.7	-12	SSE	1	bcq	47	97	5	6	2	-	7	8	10	800	1	2	crpmc	crpmc	crpmc	crpmc
	Wick ...	995.9	-10	SSE	6	C	43	97	2	-	-	-	10	10	150	993.1	-6	SSE	6	bcq	45	97	5	5	7	8	9	10	800	1	3	crpmc	crpmc	crpmc	crpmc	
16	Lerwick ...	1000.4																																		

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 19th March 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 19th March, 1940.
1 S.E. England	Fresh squally west winds, strong on coasts; bright intervals, showers, local hail and thunder; temperature a little below average, with perhaps slight ground frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Freshening southwest to west wind; occasional rain this afternoon, bright intervals and showers later with local hail and thunder; temperature a little below average.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	Variable winds finally easterly, fresh; some rain; becoming colder.
14 Mid Scotland	
15 N.E. Scotland	Southeast gale; some rain; cold.
16 Orkneys and Shetlands	
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	As 1 - 7.
20 S.W. Ireland	

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

GENERAL INFERENCE.

A vigorous trough of low pressure over Western Districts of England is moving northeast. There will be bright intervals and showers with local hail and thunder. In North Scotland there will be more continuous rain.

FURTHER OUTLOOK.

Probably big changes in the pressure distribution but fair weather unlikely; winds moderating.

GALE WARNINGS.

Gale warnings issued to District 16 at 1915 h. 16/3 District 15(part of) at 0552h. 17/3. Districts 17 20(part of) 2000h 17/3. Part of Districts 5,6,19,20 at 0540 18/3. and part of districts 5,6,7,19 at 0800

N. K. JOHNSON, D.Sc., 1940.
Director.

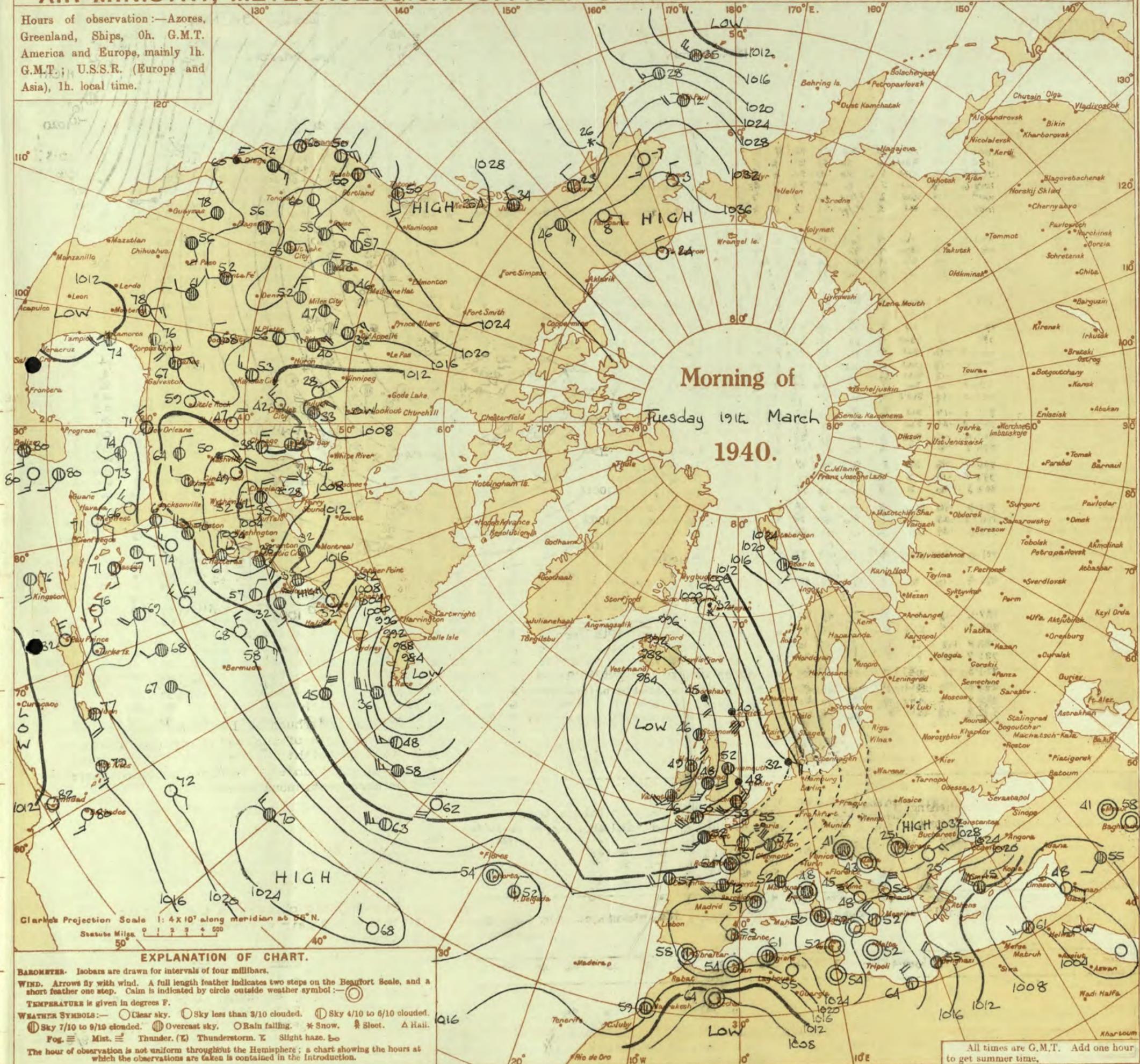
Forecasts issued at 1030 G.M.T.

H.M.S.O. Press, Cornwall House, E.C.1.
 0.476/3853. 4x 8109. 2+8266. 61948. 15200. 3/40.



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.

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

LONDON OBSERVATIONS table with columns for Day, Night, Morning, Afternoon, Night, and 24 hrs. ended 9h.

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

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed instructions for interpreting the data.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed instructions for interpreting the data.

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

SECRET

BRITISH SECTION
Wednesday 20th. March, 1940.
No 28, 608.

Page 1.

THE DAILY WEATHER REPORT

AIR
MINISTRY.

OF THE METEOROLOGICAL OFFICE, LONDON.

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

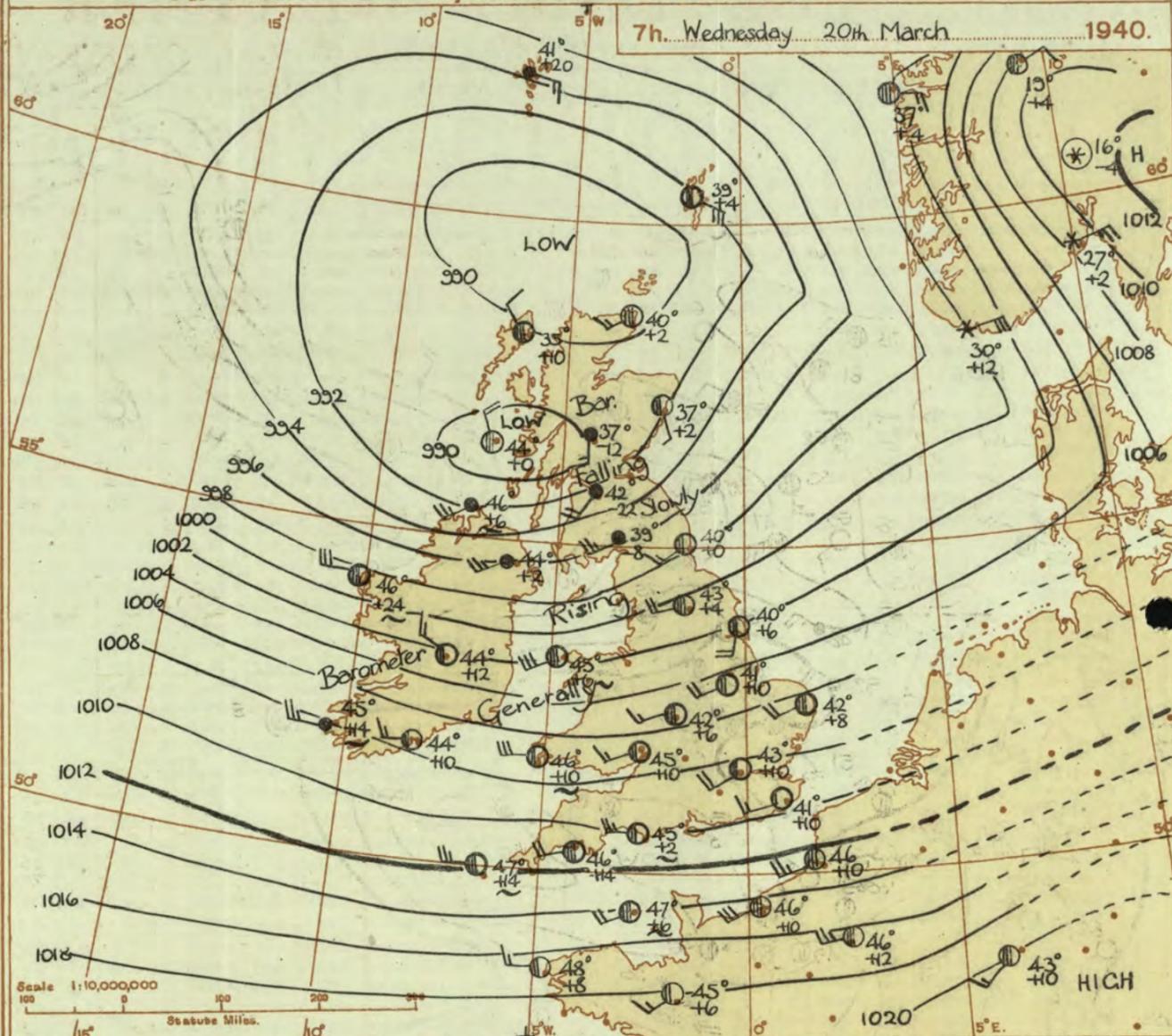
OBSERVATIONS at 18h. G.M.T. 19th. March

PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.								
				Dirac. (3)	Force. 0-12 (4)				Weather. (5)	Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Form. (23)			Amount. (24)	Height of Base. (feet) (28)				Form. (25)	Amount. (26)	Height of Base. (feet) (32)	7h.-13h. 19th. (37)	13h.-18h. 19th. (38)			18h.-20h. 19th. (39)	20h. (40)							
																														Low.	Med.	High	Low	Med.	High	Low
1	London (Kew)...	1000.1	+28	SW	6	c	48	65	8	3	-	7-8	7-8	4000	1004.9	+28	WSW	5	bc	48	55	8	7	6	3	4-6	4-6	2500	1	*	bccprbc	bcprbc	bcprbc	bbcm		
	Croydon ...	1001.7	+28	SWW	5	pr	46	85	8	3	-	3	9	1500	1005.1	+24	SW'S	4	bc	47	65	7	8	6	-	4-6	4-6	1500	1	*	bcprbc	bcprbc	bcprbc	bbcm		
	S. Farnborough	1001.1	+26	SW	5	pr	45	85	8	3	-	3	9	1500	1005.3	+22	SW'W	6	bc	47	55	9	4	-	1	2-3	2-3	2500	4	*	bcprbc	bcprbc	bcprbc	bbcm		
	Boscombe Down	1001.5	+40	W	6	pr	43	92	8	3	-	3	9	1500	1005.7	+24	SW'W	5	bc	45	65	8	2	3	-	4-6	4-6	2500	1	*	bcprbc	bcprbc	bcprbc	bbcm		
	Calshot (Soton.)	1002.6	+26	SW	6	pr	43	75	8	3	-	3	9	1500	1006.6	+24	SW'W	5	bc	45	85	7	2	4	-	2-3	2-3	2500	1	3	bcprbc	bcprbc	bcprbc	bbcm		
	Lymyne	1002.9	+10	SW'W	7	c	47	75	8	6	-	7-8	9	1500	1007.1	+30	SW	5	bcpr	45	75	8	3	4	1	2-3	2-3	1500	1	3	bcprbc	bcprbc	bcprbc	bbcm		
	Manston	1001.0	+12	WSW	7	pr	50	65	8	8	-	9+	9+	1500	1005.6	+26	WSW	5	bcpr	43	65	8	8	-	3	2-3	4-6	1500	1	*	bcprbc	bcprbc	bcprbc	bbcm		
2	Shoeburyness ...	1000.3	+12	SW	6	bc	51	65	8	7	-	2	4-6	4-6	2500	1004.6	+22	SW	4	c	46	65	8	9	4	-	7-8	7-8	1500	1	*	bcprbc	bcprbc	bcprbc	bbcm	
	Felixstowe ...	997.8	+4	SW'W	7	bcpr	50	65	7	8	6	3	2-3	2-3	1500	1003.4	+38	W'S	6	PR	46	65	8	8	6	-	2-3	4-6	800	1	3	bcprbc	bcprbc	bcprbc	bbcm	
	Gorleston	996.0	-2	SW'S	6	c	50	65	7	8	-	7-8	7-8	2500	1000.7	+32	WSW	4	pr	46	75	7	8	-	-	7-8	7-8	2500	1	3	bcprbc	bcprbc	bcprbc	bbcm		
	Mildenhall	994.7	-4	SW	7	c	49	65	8	8	-	9+	9+	1500	1001.2	+34	SW	5	bc	45	75	8	8	3	1	4-6	4-6	4000	1	*	bcprbc	bcprbc	bcprbc	bbcm		
	Cranwell	991.7	-6	WSW	5	pr	46	85	8	8	6	3	2	2	1500	998.7	+34	W'S	5	c	43	75	8	8	6	3	4-6	7-8	2500	1	*	bcprbc	bcprbc	bcprbc	bbcm	
3	Birmingham	995.8	+24	W	5	c	44	65	8	8	7	-	4-6	10	1500	1000.7	+16	WSW	4	bc	45	55	8	8	-	3	4-6	4-6	2500	1	*	bcprbc	bcprbc	bcprbc	bbcm	
	Upper Heyford	998.2	+30	W	5	pr	46	75	8	8	7	-	4-6	9	1500	1003.1	+18	WSW	5	bc	44	65	8	8	6	8	2-3	4-6	1500	1	*	bcprbc	bcprbc	bcprbc	bbcm	
4	Ross-on-Wye ...	998.8	+34	W'S	5	pr	46	65	8	3	-	3	2-3	4-6	2500	1002.5	+12	W'S	5	bcpr	44	65	7	9	6	9	2-3	2-3	2500	1	*	bcprbc	bcprbc	bcprbc	bbcm	
5	Hartland Point	1001.9	+40	W	6	bcpr	44	65	8	3	4	-	2-3	4-6	2500	1004.2	+4	W	6	c	45	85	8	3	4	-	4-6	7-8	1500	1	4	bcprbc	bcprbc	bcprbc	bbcm	
	Bristol ...	1000.9	+42	W	5	pr	47	75	8	8	-	-	4-6	4-6	1500	1004.8	+6	W'S	5	bc	44	75	8	8	4	1	2-3	4-6	2500	1	*	bcprbc	bcprbc	bcprbc	bbcm	
	Portland Bill	1003.7	+24	SW	5	c	42	92	7	5	-	7-8	9	2500	1006.4	+16	WSW	5	bc	46	92	7	5	-	-	4-6	4-6	4000	1	5	bcprbc	bcprbc	bcprbc	bbcm		
	Plymouth	1005.6	+34	W	5	pr	44	75	6	9	-	7-8	7-8	1500	1007.9	+14	W'S	5	bcpr	44	85	8	9	4	-	4-6	4-6	1500	1	3	bcprbc	bcprbc	bcprbc	bbcm		
	The Lizard	1007.4	+40	W	7	bc	48	75	8	6	6	-	4-6	4-6	2500	1009.3	+10	W	7	c	45	85	8	8	6	-	7-8	7-8	2500	1	4	bcprbc	bcprbc	bcprbc	bbcm	
	Scilly (St. Mary's)	1006.5	+34	W'S	6	bc	48	65	8	8	4	-	4-6	4-6	1500	1007.5	+2	W'S	7	bc	48	75	8	8	4	-	4-6	4-6	1500	1	4	bcprbc	bcprbc	bcprbc	bbcm	
	Guernsey	1007.9	+24	W	5	pr	49	65	7	1	7	-	2-3	2-3	2500	1010.8	+12	W	5	bc	47	75	7	-	-	0	0	-	-	-	1	4	bcprbc	bcprbc	bcprbc	bbcm
6	Pembroke ...	1000.0	+36	W'N	8	bcpr	46	75	8	8	-	4-6	4-6	2500	1002.6	+10	W	7	bcpr	45	75	7	8	7	-	4-6	4-6	1500	1	4	bcprbc	bcprbc	bcprbc	bbcm		
	Holyhead	999.9	+54	W	5	pr	42	85	6	2	-	10	10	800	997.7	+16	WSW	3	c	44	75	8	5	3	2	4-6	7-8	2500	1	3	bcprbc	bcprbc	bcprbc	bbcm		
	Chester (Sealand)	998.3	+34	W	6	pr	42	85	7	6	-	10	10	800	998.6	+16	SW	3	bc	46	65	8	8	7	8	4-6	4-6	5700	0	*	bcprbc	bcprbc	bcprbc	bbcm		
	Manchester	991.8	+12	W'N	6	pr	43	85	6	3	-	7-8	10	800	997.1	+20	W'S	5	bc	45	65	7	8	4	-	4-6	4-6	2500	1	*	bcprbc	bcprbc	bcprbc	bbcm		
10	Spurn Head ...	990.2	0	SW	3	pr	44	85	7	6	3	-	4-6	7-8	800	996.0	+12	W'S	5	pr	41	85	6	5	-	10	10	1500	1	5	bcprbc	bcprbc	bcprbc	bbcm		
	Catterick	988.6	-6	SW	4	c	50	65	7	8	7	2	4-6	9	2500	993.7	+40	W	5	pr	41	85	6	8	7	-	7-8	9	2500	1	3	bcprbc	bcprbc	bcprbc	bbcm	
	Tynemouth	989.0	-6	NNE	4	c	50	65	6	8	-	7-8	7-8	2500	990.7	+24	WSW	6	pr	42	75	7	8	-	-	9	9	2500	1	2	bcprbc	bcprbc	bcprbc	bbcm		
11	St. Abbs Head	986.8	-4	S	3	c	48	85	8	8	6	-	4-6	9	2500	987.9	+10	W'N	6	c	42	85	7	8	2	-	7-8	10	2500	0	3	bcprbc	bcprbc	bcprbc	bbcm	
	Leuchars	985.8	-4	SSW	3	pr	53	65	8	8	6	3	7-8	9+	4000	988.5	+30	W'N	5	RR	45	85	6	9	2	-	9+	10	1500	1	*	bcprbc	bcprbc	bcprbc	bbcm	
	Renfrew (Abbots L.)	987.4	+10	W'N	4	pr	45	85	6	6	-	10	10	1500	992.1	+30	W'N	4	pr	43	75	9	7	7	-	9	9+	2500	1	*	bcprbc	bcprbc	bcprbc	bbcm		
	Eskdalemuir	986.9	+4	SW	5	pr	45	85	7	8	-	9+	9+	800	992.7	+40	W'N	5	pr	39	75	7	-	2	-	10	10	800	1	*	bcprbc	bcprbc	bcprbc	bbcm		
	Point of Ayre	990.4	+34	W'N	7	pr	41	97	7	6	2	-	7-8	10	800	994.8	+18	W'N	5	c	45	85	8	8	-	-	7-8	7-8	2500	1	3	bcprbc	bcprbc	bcprbc	bbcm	
13A	Tiree ...	987.9	+20	W'N	4	c	48	65	7	5	3	-	7-8	7-8	2500	990.0	+6	W'N	3	bc	45	75	8	3	3	-	2-3	4-6	2500	0	3	bcprbc	bcprbc	bcprbc	bbcm	
13B	Stornoway	985.9	+14	WSW	4	c	48	75	8	3	7	6	4-6	7-8	4000	988.3	+18	WSW	3	bc	45	65	8	5	4	6	1	4-6	4000	1	2	bcprbc	bcprbc	bcprbc	bbcm	
15	Dalwhinnie	986.9	+2	SW	3	pr	43	85	7	8	6	-	7-8	10	2500	990.1	+16	WSW	4	pr	39	65	7	5	7	-	4-6	10	2500	1	*	bcprbc	bcprbc	bcprbc	bbcm	
	Aberdeen	986.4	-2	SE	3	pr	47	97	5	8	7	-	4-6	9+	2500	987.3	+6	0	0	44	97	5	5	-	-	10	10	2500	1	2	bcprbc	bcprbc	bcprbc	bbcm		
	Wick	985.5	+2	SE	2	pr	45	97	5	5	6	8	4-6	9+	1500	987.3	+10	W'N	4	pr	43	92	6	5												

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 20th March 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th March, 1940.
1 S.E. England	Moderate or fresh squally southwest to west winds, strong locally on coasts, decreasing slowly; bright intervals and showers, long clear intervals at night; average day temperature, slight ground frost locally at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Fresh squally west wind, strong on coasts, decreasing and backing southwest tomorrow; bright intervals and showers; local hail and thunder; perhaps rain late in period; average temperature.
6 South Wales ...	
7 North Wales ...	Fresh squally west wind, strong on coasts, decreasing slowly and veering towards northwest; bright intervals, showers, local hail and thunder; rather cold, ground frost locally at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Light variable winds, becoming northwest, moderate; cloudy, occasional rain; snow locally later; becoming colder.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. E.N.W. Scot- land.	Strong east wind, decreasing; some rain, snow showers later; cold.
14 Mid Scotland	
15 N. E. Scotland	As 7 - 13A.
16 Orkneys and Shetlands	
17 N. W. Ireland	As 1 - 4.
18 N. E. Ireland	
19 S. E. Ireland	As 1 - 4.
20 S. W. Ireland	

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

GENERAL INFERENCE.

A complex depression extending from Scotland to the Faeroes is moving slowly eastsoutheast. There will be bright intervals and showers in all districts with local hail and thunder.

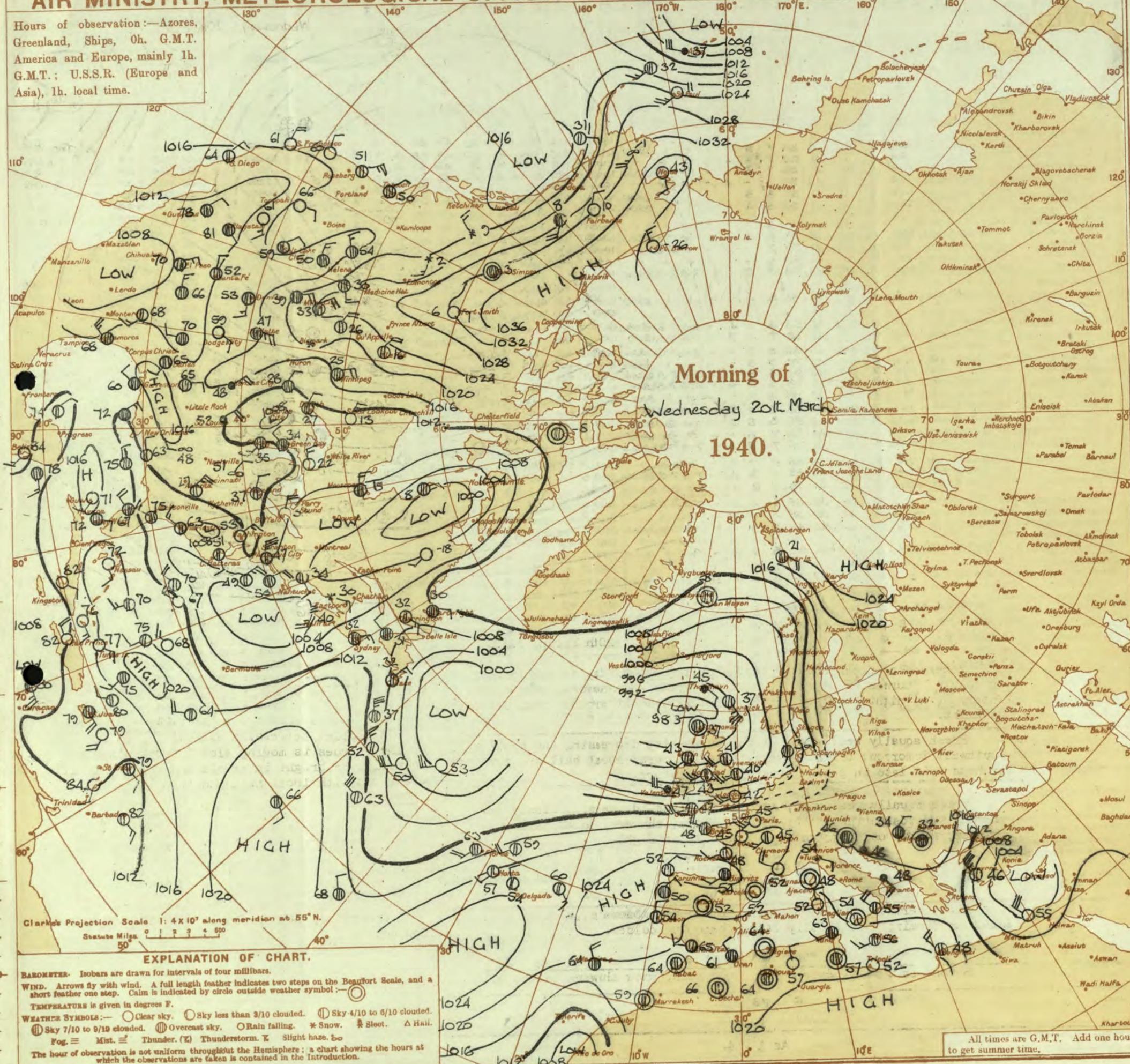
FURTHER OUTLOOK.

Unsettled; rain probably spreading from the Southwest.

Forecasts issued at 1030 G.M.T. **N. K. JOHNSON, D.Sc., A.R.C.S.**
 Director.
H.M.S.O. Press, Cannon House, S.E.1. 476/3655, W.8109 4426, W.8746, 15200 3/4.

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

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



Morning of
Wednesday 20th March
1940.

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.
WIND. Arrows fly with wind. A full length feather indicates two steps on the Beaufort Scale, and a short feather one step. Calm is indicated by circle outside weather symbol: ○
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. † Sleet. △ Hail. Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. † Slight haze. †
 The hour of observation is not uniform throughout the Hemisphere; a chart showing the hours at which the observations are taken is contained in the Introduction.

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

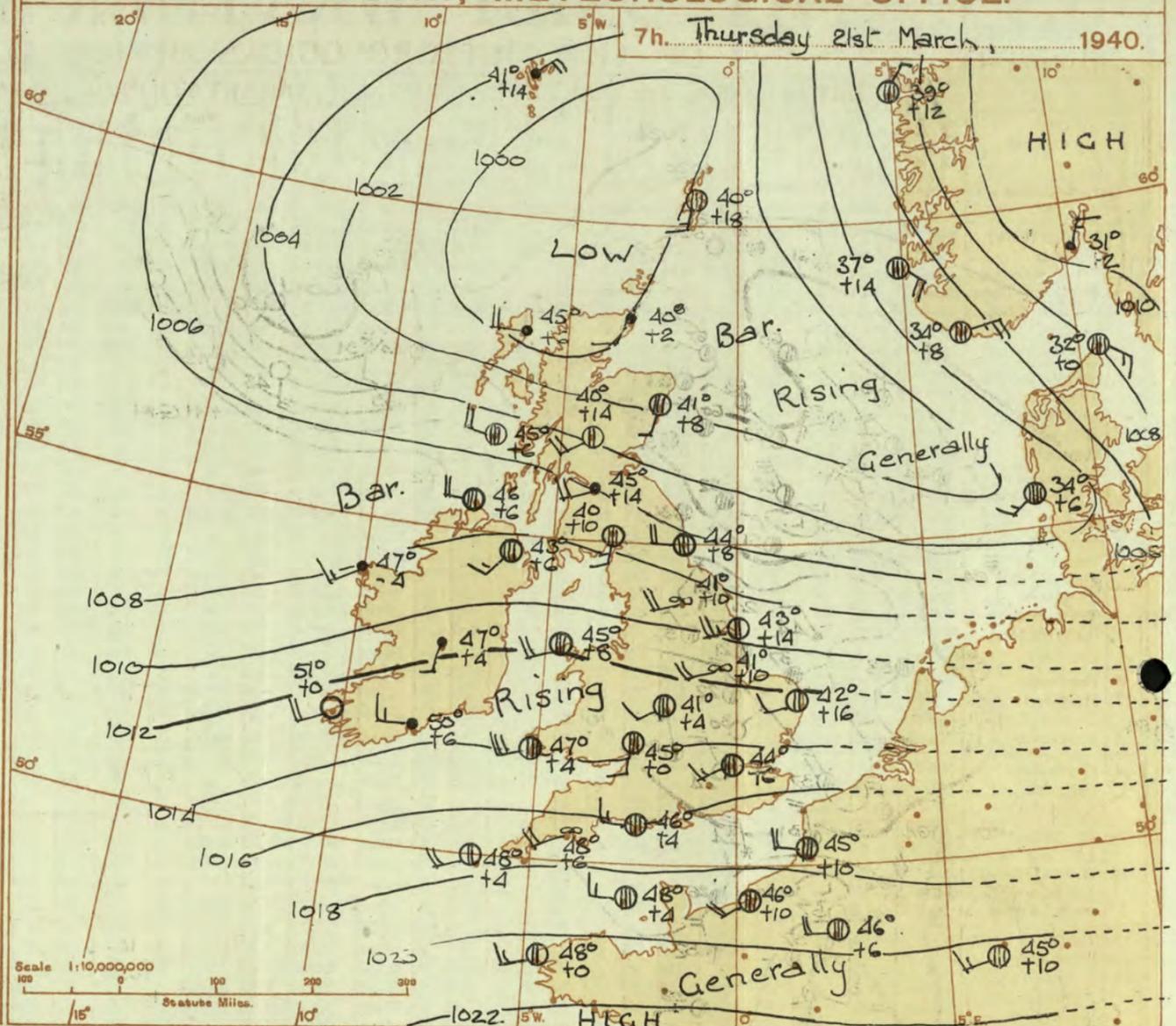
OBSERVATIONS at 1 hr. G.M.T. 20th March														OBSERVATIONS at 7 hr. G.M.T. 20th March														PAST 24 HOURS.						
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L.	Change in 3 hours.	Wind.		Temp. °F.	Humid. %	Visibility.	Cloud.				Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE 15th. Hrs.			
					Dir.	Force.				Form.	Amount.	Height of Base (feet)	Dir.			Force.	Form.				Amount.	Height of Base (feet)	0-9	10-18		18-24	24-30	Day 7h-18h	Night 18h-7h					
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	1008.3	+12	SW	4	Z	43	85	6	5	-	-	-	-	1	*	50	41	37	0.3	Tr	6.8	
	Croydon	217	1007.4	+6	SW'S	4	b	42	85	7	5	-	-	-	-	-	43	85	8	1	4	-	-	-	1	*	51	42	39	3	Tr	5.8		
	S. Farnborough	226	1007.8	+6	SW	4	b	41	85	7	-	-	-	-	-	-	42	85	9	-	4	-	-	-	1	*	49	40	36	2	Tr	5.8		
	Boscombe Down	417	1007.7	+10	SWW	4	b	41	85	7	5	-	-	-	-	-	42	85	7	8	-	-	-	-	1	*	48	39	37	4	0.2	5.1		
	Calshot (Stmntn.)	8	1008.5	+6	W'S	4	b	44	85	7	-	-	-	-	-	-	45	85	7	5	3	-	-	-	1	*	50	42	39	3	4	7.8		
	Lympe	346	1009.3	+10	SWW	4	b	41	85	8	5	-	-	-	-	-	45	85	7	-	1	4	-	-	1	3	50	39	36	1	-	7.0		
	Manston	154	1008.0	+10	WSW	4	b	41	85	8	4	-	-	-	-	-	42	85	7	5	3	-	-	-	0	*	53	39	32	0.4	Tr	8.6		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1008.8	+4	SSW	3	bc	43	92	7	-	3	1	0	4.6	-	1	*	53	41	34	1	-	6.6
	Felixstowe	15	1006.0	+10	SW	5	b	43	75	8	4	-	-	-	-	-	42	85	7	4	-	-	-	-	2	2	52	41	37	0.1	-	8.6		
	Gorleston	5	1004.5	+8	SW	4	bc	41	75	7	-	-	-	-	-	-	42	85	7	5	3	-	-	-	1	2	54	40	38	Tr	-	7.3		
	Mildenhall	19	1004.4	+6	SW	5	b	41	85	8	-	-	-	-	-	-	43	85	7	5	-	-	-	-	1	*	53	41	37	1	Tr	8.8		
	Cranwell	240	1002.0	+10	WSW	4	pr	40	85	7	2	-	-	-	-	-	41	85	6	5	7	2	2.3	4.6	2500	1	*	49	38	35	4	Tr	1.7	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1006.1	+6	WSW	3	c	42	75	8	5	-	-	-	-	1	*	47	39	37	1	0.3	2.4	
	Upper Heyford	408	1005.5	+10	SW	4	b	40	85	8	1	-	-	-	-	-	42	85	7	5	-	-	-	-	1	*	48	39	37	1	1	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	1006.7	+10	WSW	3	bc	45	75	8	8	-	-	-	-	1	*	49	43	37	3	-	4.2	
5	Hartland Point	299	1006.6	+10	W	6	bc	46	85	8	3	4	-	-	-	-	46	85	8	3	4	-	-	-	1	4	47	41	40	1	1	5.3		
	Bristol	309	1007.0	+18	WSW	4	c	43	85	7	4	7	-	-	-	-	44	85	8	3	-	-	-	-	1	*	48	42	39	2	0.1	8.1		
	Portland Bill	32	1008.3	+16	W	4	bc	45	85	8	2	-	-	-	-	-	45	92	8	5	-	-	-	-	1	4	48	40	37	1	1	6.7		
	Plymouth	82	1010.2	+6	W'S	5	b	46	75	7	5	-	-	-	-	-	46	85	6	8	-	-	-	-	1	3	49	44	41	3	0.5	6.5		
	The Lizard	240	1011.1	+10	W'S	5	bc	46	92	8	8	-	-	-	-	-	47	85	8	8	2	-	-	-	1	3	49	44	41	1	1	8.4		
	Scilly (St. Mary's)	163	1010.2	+8	W'S	6	pr	47	85	8	6	-	-	-	-	-	47	85	8	8	6	-	-	-	1	4	50	45	42	2	2	9.0		
	Guernsey	175	1012.8	+12	W	5	ir	43	85	6	8	-	-	-	-	-	47	85	7	8	4	-	-	-	1	4	51	44	40	0.1	3	10.7		
6	Pembroke	142	1005.1	+4	W	7	bcq	45	85	8	7	6	-	-	-	-	46	85	8	5	7	-	-	-	1	4	47	40	37	1	-	5.3		
7	Holyhead	26	1000.2	+10	SWW	5	c	43	75	8	5	3	-	-	-	-	45	85	8	5	-	-	-	-	1	4	48	42	39	3	-	3.1		
	Chester (Sealand)	16	1001.4	+14	WSW	4	pr	44	75	7	8	-	-	-	-	-	44	75	7	8	3	-	-	-	1	*	51	34	36	2	Tr	3.7		
8	Manchester	70	1001.1	+16	SW'S	3	c	41	75	7	5	3	-	-	-	-	42	85	6	5	3	-	-	-	1	*	50	40	35	3	-	1.8		
10	Spurn Head	29	1000.2	+10	SW	5	bc	40	85	7	-	-	-	-	-	-	40	85	6	-	7	-	-	-	1	3	52	38	31	3	0.1	2.3		
	Catterick	175	998.2	+18	WSW	3	pr	40	85	7	3	3	-	-	-	-	43	85	7	8	7	-	-	-	1	*	52	39	31	1	1	2.1		
	Tynemouth	108	996.2	+20	WSW	4	bc	41	75	7	2	-	-	-	-	-	40	85	6	8	3	-	-	-	1	1	53	38	33	0.2	-	*		
11	St. Abbs Head	280	992.6	+14	W	5	bc	39	85	8	4	1	-	-	-	-	38	92	8	6	4	-	-	-	0	3	(48)	36	34	4	11	*		
	Leuchars	36	992.5	+10	WSW	4	bc	39	85	8	-	3	1	0	2.3	-	41	85	7	5	-	-	-	-	1	*	54	37	34	4	1	1.8		
12	Renfrew (Abbots I.)	19	994.6	+10	SW	3	c	40	85	8	7	-	-	-	-	-	42	92	6	6	-	-	-	-	1	*	53	36	30	5	3	0.1		
	Eekdalemuir	794	*	*	*	*	*	*	*	*	*	*	994.7	-8	SW	5	ir	39	92	6	-	2	-	-	-	1	*	46	35	32	4	2	0.8	
	Point of Ayre	30	997.3	+10	WN	5	b	41	92	8	2	4	-	-	-	-	44	92	7	8	2	-	-	-	1	3	43	40	4	0.2	1.0			
13A	Tires	22	*	*	*	*	*	*	*	*	*	*	986.7	0	NNW	4	c	44	97	7	8	-	-	-	-	1	3	49	38	34	6	1.3		
13B	Stornoway	80	990.3	+6	-	0	c	37	92	8	5	7	3	7.8	9.4	4000	990.5	+10	NW	2	c	35	97	8	5	7	4	46	7.8	4000	1	0	4.9	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	991.2	-12	S	3	ir	37	85	7	5	6	-	-	-	1	*	49	32	27	2	Tr	0.2	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	991.9	+2	SSE	1	bc	37	92	6	-	9	0	2.3	-	1	1	48	36	30	3	7	0.0	
	Wick	81	988.8	+4	WNW	4	rr	39	97	7	5	2	-	-	-	-	40	92	7	5	2	-	-	-	1	2	47	39	37	1	11	*		
16	Lerwick	156	991.4	-2	SSE	7	pr	37	92	7	8	2	-	-	-	-	39	85	7	8	7	-	-	-	1	*	42	36	30	9	3	0.0		
17	Blacksod Point	18	996.8	-4	W	6	cq	45	92	8	9	-	-	-	-	-	46	85	8	9	-	-	-	-	1	5	52	40	37	1	4	*		
18	Malin Head	84	991.1	-4	SW	4	c	43	85	7	8	-	-	-	-	-	46	92	6	6	-	-	-	-	0	4	46	38	32	1	3	2.0		
	Aldergrove	208	995.7	-2	SSW	4	c	39	85	8	2	7	-	-	-	-	44	92	5	6	2	-	-	-	1	*	48	37	32	7	1	2.0		
19	Birr Castle	173	1001.4	+8	W	2	pr	42	85	7	8	-	-	-	-	-	44	75	8	3	7	-	-	-	1	*	48	39	37	2	2	5.5		
20	Valentia Obay.	30	1006.1	+10	W	6	pr	47	75	8	8	-	-	-	-	-	45	85	8	9	-	-	-	-	1	5	48	44	41	2	1	6.4		
	Roches Point	22	1005.9	+10	WNW	4	bc	42	85	8	8	-	-	-	-	-	44	85	8	5	-	-	-	-	1	3	48	42	37	1	0.2	*		

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.	Weather			Temperature.			Rainfall.		Humidity.			Sunshine to 15h. G.M.T. %	9h. G.M.T. %	Visibility 9h.
		Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.	Yesterday.	To-day.				
Kew	18</														

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 21st March, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 21st March, 1940.
1 S.E. England	Moderate southwest wind, fresh locally on coast; mainly cloudy, occasional rain or drizzle but some brighter intervals in afternoon; some coast and hill fog in the West; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Moderate southwest to west wind; cloudy, rain or drizzle at times; becoming rather mild temporarily.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Moderate or fresh west wind; mainly cloudy but some bright intervals; rain or showers in most places; rather cold.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scotland.	Moderate southerly or variable wind; cloudy, rain at times; rather cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7 - 10.
18 N. E. Ireland	
19 S. E. Ireland	As 1 - 6.
20 S. W. Ireland	

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

GENERAL INFERENCE.

A depression centred off North Scotland is almost stationary and filling up and an associated trough of low pressure extends to Southern Denmark. A shallow disturbance off Northwest Ireland will move east-southeast. Weather will be mainly cloudy with slight rain or drizzle in the South but more general rain or showers in the Midlands and North. It will become mild over most of England but will continue rather cold in Scotland.

FURTHER OUTLOOK.

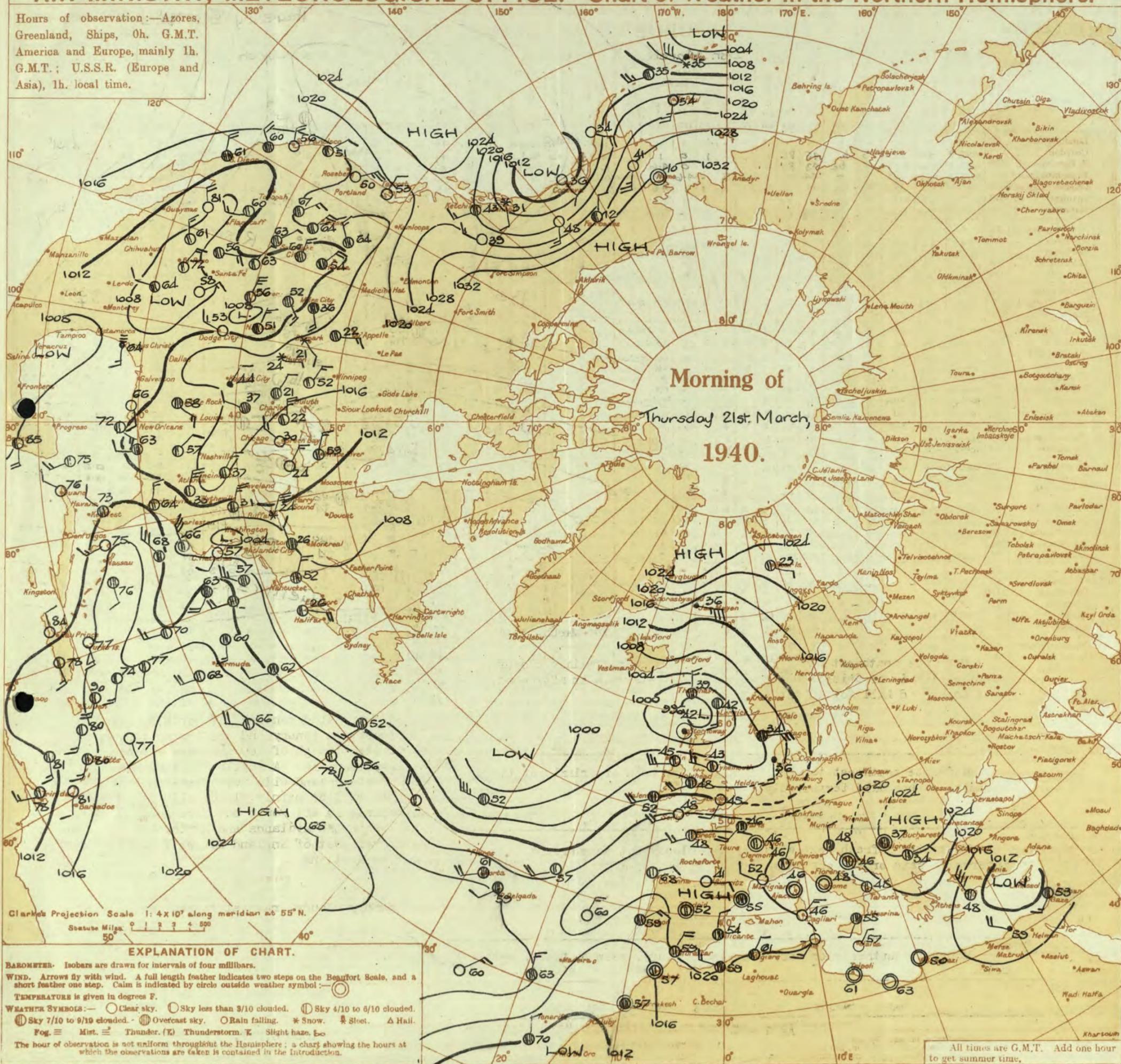
Mainly cloudy, rain at times.

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

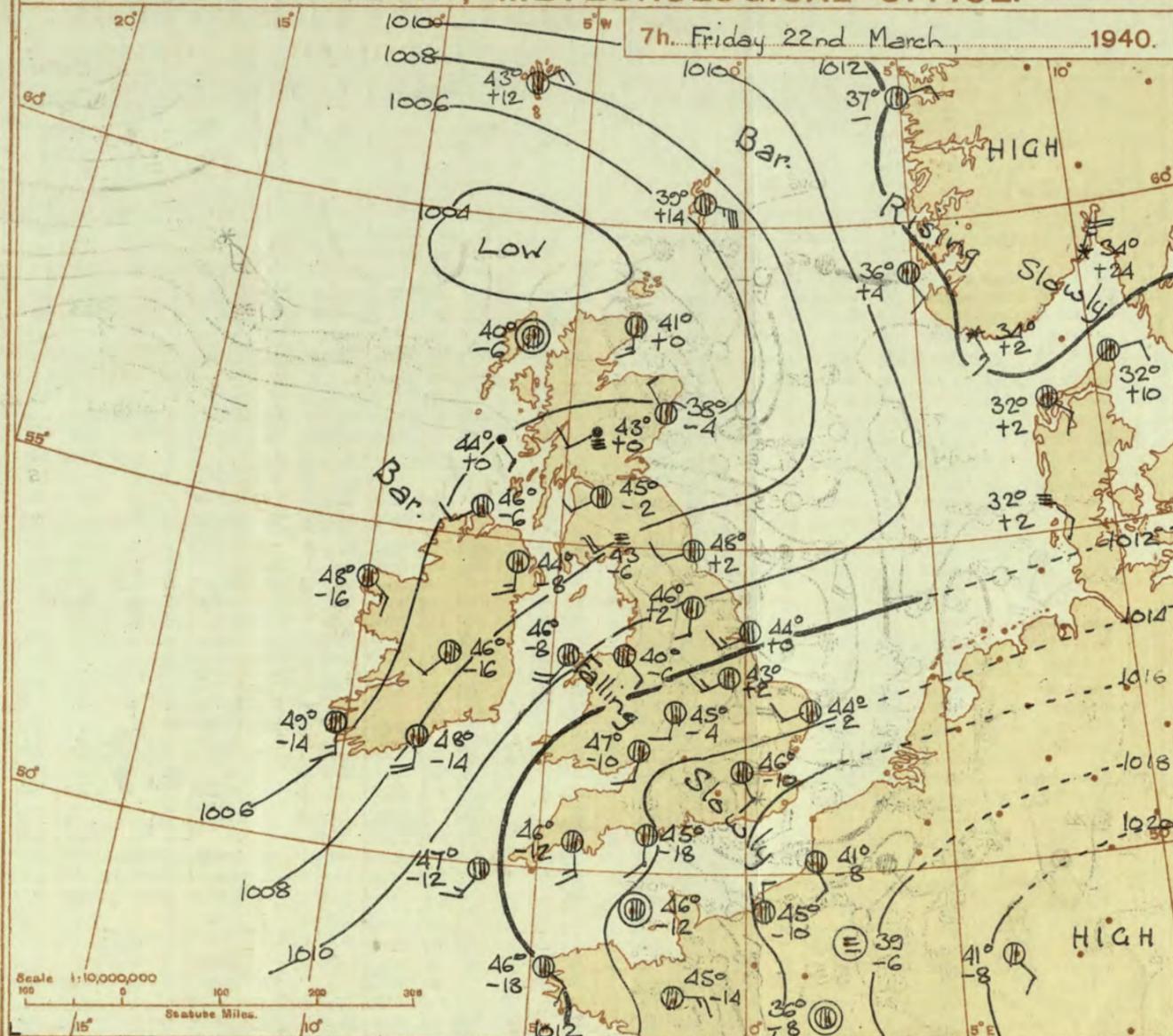
H.M.S.O. Press, Cornwall House & E. 1. 476, 3853, 1940, 6, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

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, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 22nd March, 1940
1 S.E. England	Moderate south to southwest wind; mainly cloudy, but some bright intervals in afternoon; occasional rain or drizzle later; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate southwest wind; cloudy, occasional rain or drizzle; hill fog; local coast fog in Southwest; mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light or moderate southwest wind; cloudy, occasional rain or drizzle; hill fog; rather mild.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotland. B.N.W.Scotland.	Wind variable light; cloudy or dull; rain or drizzle in most places; local fog inland especially near large towns; rather cold.
14 Mid Scotland	
15 N. E. Scotland	Moderate south to southeast wind, strong locally at first in Shetland; cloudy, rain at times; rather cold.
16 Orkneys and Shetlands	
17 N. W. Ireland	Moderate south wind, veering southwest; mainly cloudy, occasional rain or drizzle; bright intervals tomorrow; rather mild.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A depression centred to the North of Scotland and a small shallow secondary over Central Scotland are filling up. A large low pressure system to the westward of Ireland is spreading slowly east. In Scotland it will continue rather cold and weather will be cloudy with rain at times. Elsewhere it will be cloudy and mild with occasional slight rain spreading slowly eastwards, but there will be bright intervals today in East England and the Midlands.

FURTHER OUTLOOK.

Cloudy and mild, with occasional rain in most districts.

Forecasts issued at 1030 G.M.T.

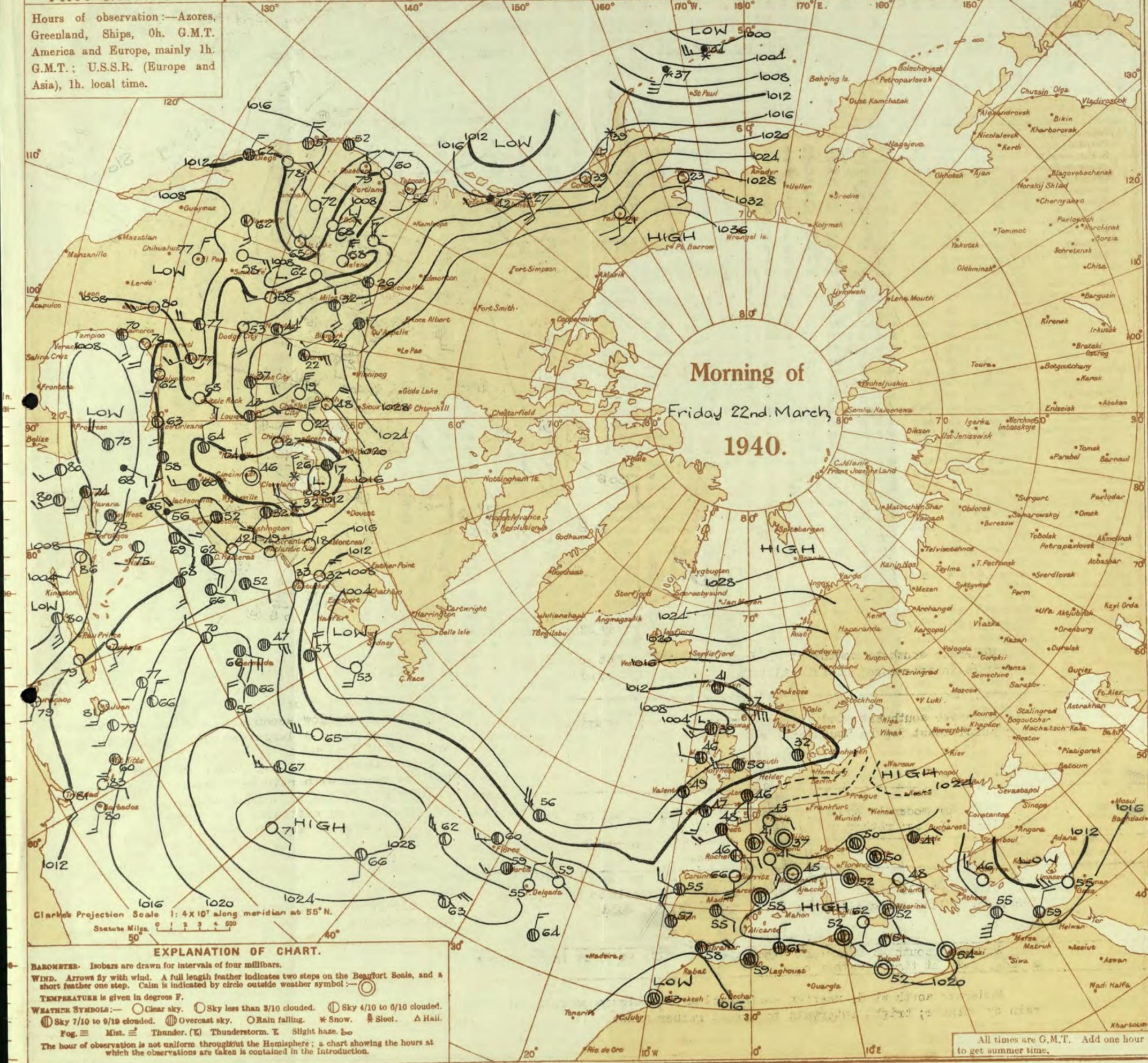
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

476/3025, 11/2/39, 4/16/40, 4/19/40, 12/30/40

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.



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

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

LONDON OBSERVATIONS table with columns for Day 7h-18h, 9h-18h, 9h-21h, and various weather metrics like temperature, rainfall, and sunsh.

Table with columns for Weather, Temperature, Rainfall, Sunsh., Humidity, and Atmospheric Pollution. Includes sub-sections for South Kensington and Kew Observatory.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed keys for columns 2, 16, 4, 18, 30, and 35, explaining barometric tendency, wind scale, and sea state codes.

FOREIGN OBSERVATIONS table with columns for Stations, Barom., Wind, Weather, Temp., and Rainfall. Lists Paris, Brussels, Berlin, Zurich, and Rome.

Table with columns for Stations, Barom., Wind, Weather, Temp., and Rainfall. Includes a note: 'Maximum and Minimum Temperatures are for the 24 hours ending 8 h.'

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Saturday 23rd March 1940.
No. 23,611

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

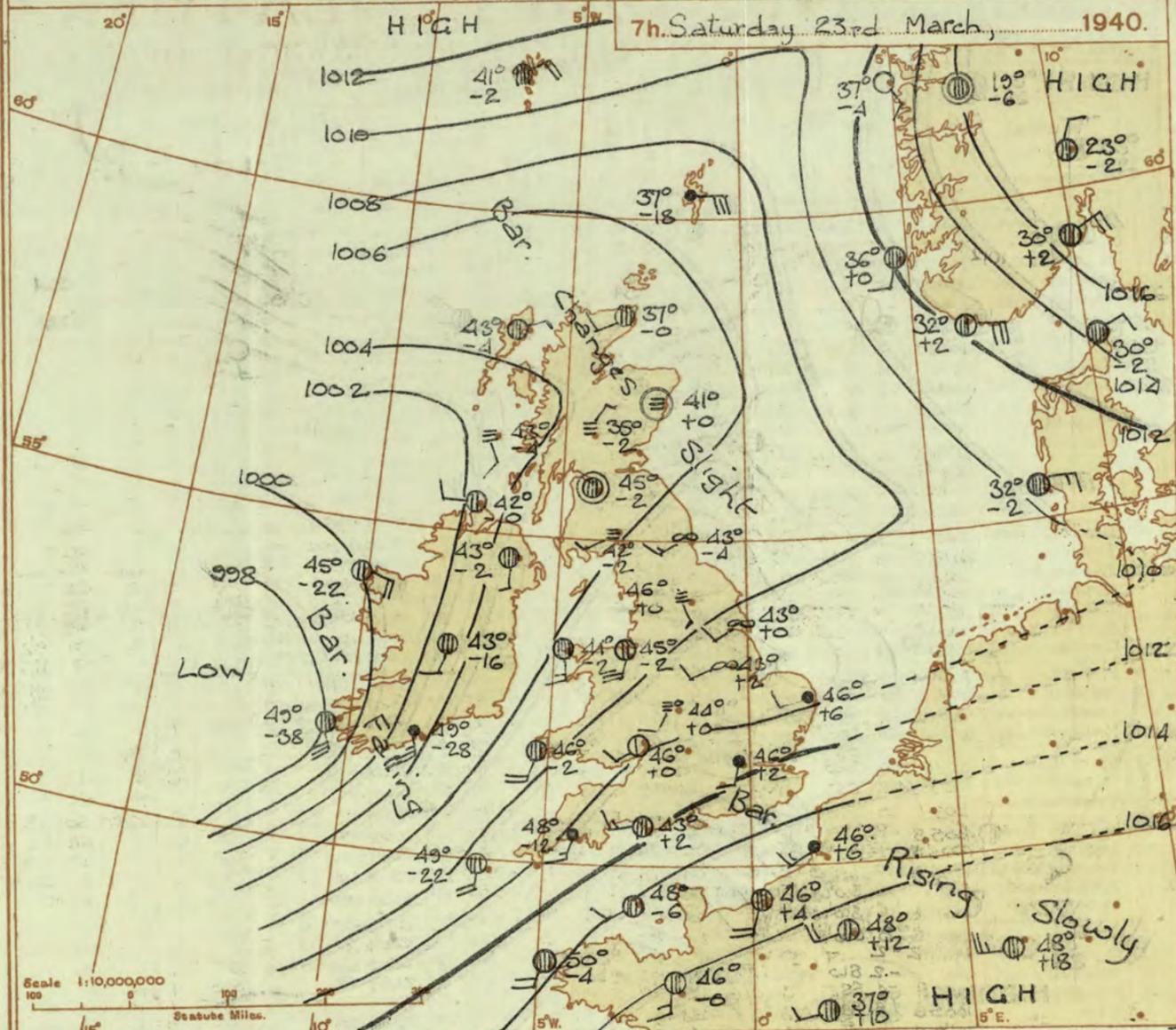
OBSERVATIONS at 18h. G.M.T. 22nd March

PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Sea. 0-9 (30)	WEATHER.						
				Direc. (3)	Force. 0-12 (4)				Form.	Amount.		Height of Base. (feet) (14)	Direc. (17)			Force 0-12 (18)	Form.				Amount.		Height of Base. (feet) (28)	State of Ground. 0-9 (29)	7h.-13h. 22nd (37)		13h.-18h. 22nd (38)	18h.-24h. 23rd (39)	1h.-7h. 23rd (40)				
										Low.	Med.										High	Low								Total	Low	Total	Low
1	London (Kew)...	1012.3	-14	SW	2	50	75	6	5	2	9	10	1500	1010.7	-6	SW	2	50	75	5	5	-	10	10	2500	1	*	ci, m, sc, cm	cm	cm, ci, r	ci, m, r, cm		
	Croydon ...	1013.1	-10	SE	2	51	85	6	5	-	10	10	2000	1011.6	-6	SE	3	50	85	6	5	7	4	10	5700	1	*	cm, ci, r	cm	cm, ci, r	ci, m, r, cm		
	S. Farnborough	1012.7	-10	SW	3	48	85	6	5	2	7-8	10	1500	1010.8	-6	SW	3	50	75	6	5	3	-	2-3	10	4000	1	*	ci, m, r	*	cm, ci, r	ci, m, r, cm	
	Boscombe Down	1011.9	-16	SW	4	49	85	6	6	7	9	9	1500	1010.6	0	SW	3	40	75	8	5	6	2	2-3	9	1500	1	*	ci, m, r	pr, c	ci, m, r, cm	ci, m, r, cm	
	Calshot (Soton.)	1012.5	-10	SW	2	50	85	8	7	7	9	9	2000	1011.4	-2	SW	3	40	85	8	5	7	7	4-6	9	4000	1	2	cm, w, c	pr, c	ci, m, r, cm	ci, m, r, cm	
	Lymington	1014.6	-12	WSW	1	46	92	8	5	7	7	9	4000	1012.7	-2	WSW	1	27	92	8	5	7	7	4-6	9	4000	1	2	cm, w, c	pr, c	ci, m, r, cm	ci, m, r, cm	
	Manston	1013.2	-16	SW	3	52	75	7	5	7	7	9	2500	1011.2	-10	SW	2	51	75	7	5	5	2	7-8	9	4000	0	*	cm, w, c	pr, c	ci, m, r, cm	ci, m, r, cm	
2	Shoeburyness ...	1013.3	-8	S	2	47	97	7	5	-	10	10	4000	1011.6	-8	SW	1	49	92	6	5	-	10	10	5700	1	*	ci, r	ci, r	ci, r	ci, r, r		
	Felixstowe ...	1013.2	-8	S	2	49	85	6	5	-	9	9	4000	1011.2	-10	S	2	45	92	7	5	-	10	10	2500	1	1	cm, c	ci, r	ci, m, r, cm	ci, m, r, cm		
	Gorleston ...	1012.5	-6	SW	3	54	85	6	5	-	9	9	2500	1011.0	-4	SW	3	45	85	6	5	-	10	10	2500	1	2	cy	ci, r	ci, m, r, cm	ci, m, r, cm		
	Mildenhall ...	1012.1	-10	SW	2	53	85	8	7	-	10	10	4000	1010.1	-6	SW	2	47	92	6	6	7	-	7-8	10	1500	1	*	cy	ci, r	ci, m, r, cm	ci, m, r, cm	
	Cranwell ...	1010.9	-12	SSW	4	53	65	7	8	3	4-6	7-8	2500	1009.4	-6	SW	2	48	85	7	5	-	9	9	5700	0	*	cc, z, bc	bc	cm	cm		
3	Birmingham	1010.8	-8	SSW	2	49	65	8	5	7	9	10	1500	1009.4	-8	SSW	2	49	75	8	5	7	7	9	2500	1	*	c	c	cm	cm		
	Upper Heyford	1012.2	-12	SSW	2	47	92	6	5	-	9	10	800	1010.5	-6	SSW	2	48	85	7	5	-	10	10	4000	1	*	cc, ci, m	ci, r	ci, m, r, cm	ci, m, r, cm		
4	Ross-on-Wye ...	1010.4	-6	WSW	2	51	75	3	6	-	9	9	2500	1009.8	-6	SSW	3	50	75	8	5	-	10	10	2500	1	*	bc	cc, pr, c	ci, r	bc		
5	Hartland Point	1010.1	-8	SW	3	50	85	8	8	4	4-6	9	2500	1009.0	-4	SW	4	48	97	7	6	2	-	4-6	10	800	1	3	c	cc, r	ci, m, r, cm	ci, m, r, cm	
	Bristol ...	1011.5	-14	SSW	2	49	85	8	8	7	7-8	9	1500	1010.4	-2	SW	3	48	92	7	5	-	10	10	1500	1	*	ci, r	pr, ci, r	ci, m, r, cm	ci, m, r, cm		
	Portland Bill ...	1012.4	-4	SSW	2	46	85	8	5	7	7	10	2000	1011.1	-6	SW	3	46	92	8	5	-	10	10	2500	1	3	cc, pr, c	cc	bc	bc		
	Plymouth ...	1011.7	-8	SW	3	49	85	8	8	7	4-6	9	1500	1010.7	-4	SW	4	49	97	6	6	7	-	7-8	9	1500	1	2	ci, r	ci, m, r, cm	ci, m, r, cm		
	The Lizard ...	1011.4	-4	SW	3	50	92	8	8	2	9	10	1500	1011.2	+8	WSW	4	49	97	8	8	6	-	7-8	7-8	1500	1	3	cc, pr, c	pr, pr, c	bc, cm	bc	
	Scilly (St. Mary's)	1009.7	-10	SW	4	49	97	6	8	2	7-8	10	1500	1010.4	+6	SW	4	49	92	7	8	3	-	4-6	9	2500	1	2	cc, r	cc, r	bc, cm	bc	
	Guernsey ...	1012.6	-6	WSW	1	54	65	8	1	7	8	2-3	4-6	2500	1012.3	+4	WN	3	51	85	8	6	1	-	7-8	9	4000	1	2	bc	cc, pr, c	cc, pr, c	cc, pr, c
6	Pembroke ...	1008.4	-4	SSW	4	47	97	7	5	2	7-8	9	1500	1008.1	-4	WSW	3	47	97	6	5	-	10	10	800	1	2	cc, pr, c	pr, m, c	cc, pr, c	cc, pr, c		
7	Holyhead ...	1008.5	-6	SSW	4	49	85	8	8	-	9	9	2500	1006.9	-4	S	3	47	97	7	5	-	10	10	450	1	2	cc, bc	cc, pr, c	cc, pr, c	cc, pr, c		
	Chester (Sealand)	1009.4	-12	SSE	2	54	65	8	8	3	6	9	2500	1008.3	-6	SSE	1	50	75	8	8	7	-	4-6	10	4000	1	*	cc, m, pr, c	cc, pr, c	cm	cm	
8	Manchester ...	1009.7	-10	SSW	3	53	65	7	8	3	7-8	10	2500	1008.5	-2	-	0	47	92	6	8	-	10	10	2500	1	*	cm, w, c	cc, m, pr, c	cm, r	cm		
10	Spurn Head ...	1010.5	-4	SW	3	51	65	6	5	-	9	9	2500	1008.7	-2	SW	3	45	85	6	5	-	7-8	7-8	1500	0	1	c	c	pr, c	pr, c		
	Catterick ...	1009.3	-8	SSW	2	48	92	7	8	7	7-8	9	1500	1007.3	-8	SW	1	49	85	8	5	7	-	7-8	9	2500	1	1	cc, pr, c	cc, pr, c	ci, m, r, cm	ci, m, r, cm	
	Tynemouth ...	1009.1	0	SW	3	53	65	7	8	-	7-8	7-8	2500	1007.8	-4	W	2	49	85	7	6	8	-	7-8	7-8	2500	1	1	c	cc, pr, c	cc, pr, c	cc, pr, c	
11	St. Abbs Head	1005.8	-8	SW	5	50	75	8	7	4	2	4-6	7-8	2500	1005.9	-4	SW	3	48	85	8	8	6	-	4-6	10	2500	0	2	cc, bc	c	pr, c	c
	Leuchars ...	1004.9	-6	W	3	54	75	7	8	7	7-8	9	1500	1004.7	0	SW	3	49	85	6	5	-	9	9	2500	1	*	cm, c	cm	ci, m, r, cm	ci, m, r, cm		
12	Reitrew (Abbots L.)	1006.5	-6	WSW	3	54	75	8	8	7	4-6	9	2500	1005.8	-4	WSW	2	49	85	7	8	3	-	4-6	9	1500	1	*	cm, c	cc, pr, c	cc, pr, c	cc, pr, c	
	Eskdalemuir ...	1006.8	-6	SW	4	47	85	6	9	-	9	9	800	1006.4	-2	SW	3	43	97	1	-	-	-	10	10	4150	1	*	cc, pr, c	cc, pr, c	cc, pr, c	cc, pr, c	
	Point of Ayre ...	1007.8	-6	SW	5	54	85	8	8	1	6	4-6	9	1500	1006.3	-4	SW	3	49	92	7	5	1	-	4-6	10	1500	0	2	cc, r	c	cc, pr, c	cc, pr, c
13A	Tiree ...	1004.8	0	SW	3	50	85	8	5	3	4-6	7-8	2500	1004.4	-2	S	2	48	92	8	5	7	-	4-6	9	2500	0	1	cc, r	cc, r	cc, r	cc, r	
13B	Stornoway ...	1005.2	-2	-	0	45	85	8	5	7	4-6	9	2500	1005.3	0	SE	1	44	92	8	5	7	-	7-8	9	2500	1	1	c	c	cc, pr, c	cc, pr, c	
15	Dalwhinnie ...	*	-2	SW	2	45	92	7	4	2	4-6	10	2500	*	0	SW	1	43	85	7	5	2	-	4-6	10	2500	1	*	ci, r	ci, r	ci, r	ci, r	
	Aberdeen ...	1005.8	-4	SSE	3	46	92	6	7	7	2-3	10	1500	1005.4	0	NNE	1	42	97	4	5	-	-	10	10	800	1	1	cc, pr, c	cc, pr, c	cc, pr, c	cc, pr, c	
	Wick ...	1005.5	+6	SSE	3	44	92	8	5	7	7-8	9	2500	1005.5	+2	SE	2	43	92	8	5	6	1	2-3	4-6	2500	1	1	c	cc, r	cc, r	cc, r	
	Lerwick ...	1008.4	0	E	6	40	92	7	8	2	7-8	10	800	1008.2	0	ES	6	40	92	7	8	7	-	7-8	10	800	2	*	ci, r	ci, r	ci, r	ci, r	
17	Blacksod Point...	1003.3	-2	S	4	52	97	7	9	-	10	10	800	1003.6	+2	S	2	50	85	8	4	3	-	2-3	4-6	1500	0	2	pr, c	bc	bc	bc	
18	Malin Head ...	1004.7	-6	S	2	51	85	8	8	2	2-3	9	2500	1003.8	0	E	2	48	92	8	8												

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 23rd March, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd March, 1940.
1 S.E. England	Freshening southwest wind; mainly cloudy, rain spreading from Southwest this evening, some bright intervals tomorrow; local coast and hill fog; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Fresh southerly wind, strong on coasts, gale locally, veering southwest; cloudy with rain and coast and hill fog today, bright intervals tomorrow; mild.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind south to southeast, fresh, becoming temporarily light variable; cloudy, coast and hill fog, rain spreading from southwest this afternoon, bright intervals tomorrow; mild.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 1 - 3.
11 S.E. Scotland	As 8 - 9
12 S.W. Scotland & Isle of Man.	Wind southeast to east, increasing to fresh or strong; cloudy, rain later; average temperature.
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	Wind southeast to east, fresh, becoming variable and finally westerly; dull with rain today, bright intervals tomorrow; average temperature.
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	Wind southwest, strong, gale locally, moderating; bright intervals, showers; average temperature.
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A large and deepening depression to the West of Ireland is moving northeast. Weather will be cloudy and mild with rain spreading over the country from the Southwest, but there will be a temporary fair period this afternoon over most of the eastern half of England. Winds will be mainly between south and southwest and will reach gale force in the Southwest.

FURTHER OUTLOOK.

Showers and bright intervals.

GALE WARNING.

Gale Warning issued at 0500 on 23/4 in districts 17, 19 & 20.

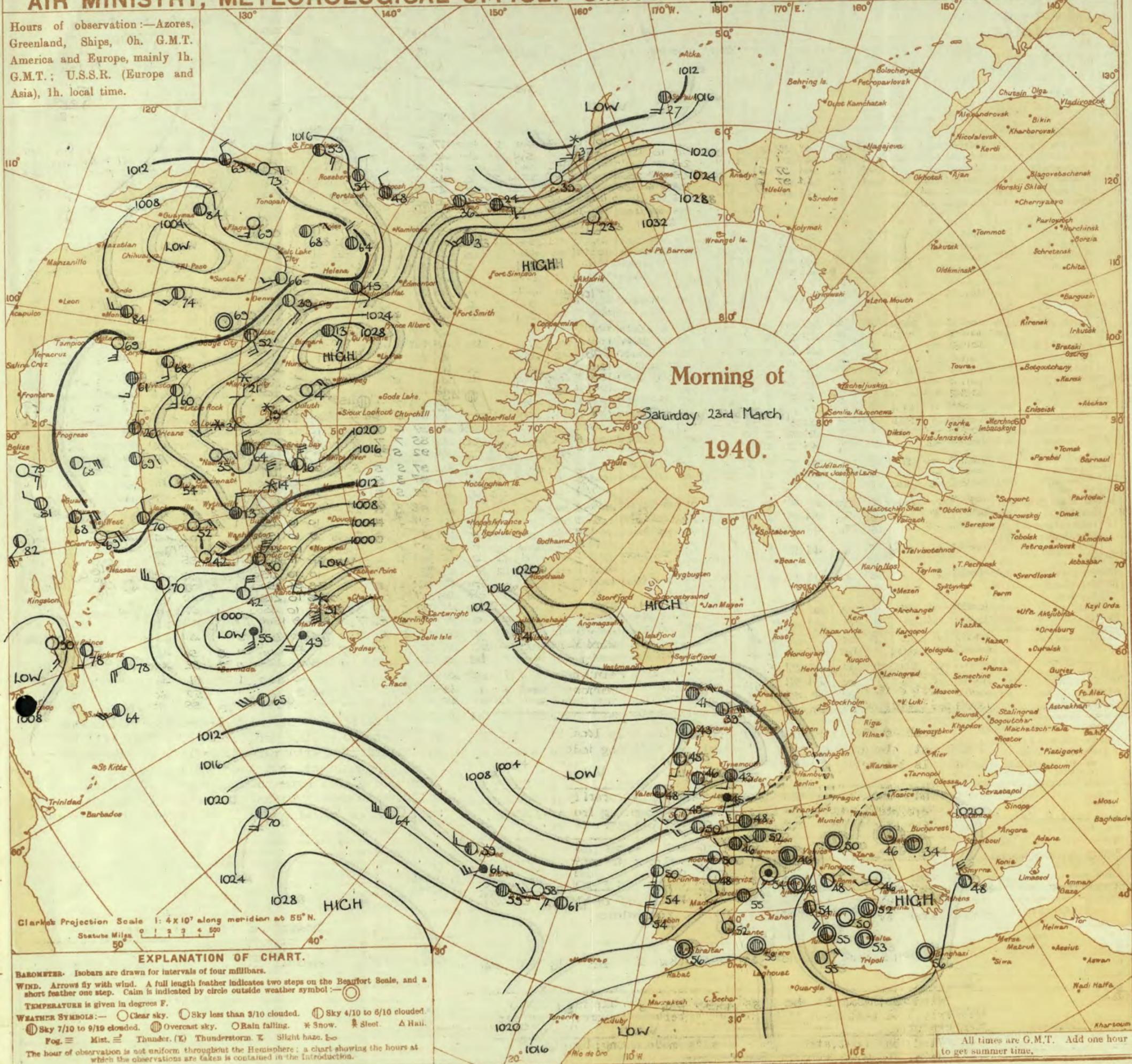
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

Forecasts issued at 1030 G.M.T.

H.M.S.O. Print, Carnarvon House, S.E.1.

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

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



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

EXPLANATION OF CHART.

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

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

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

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

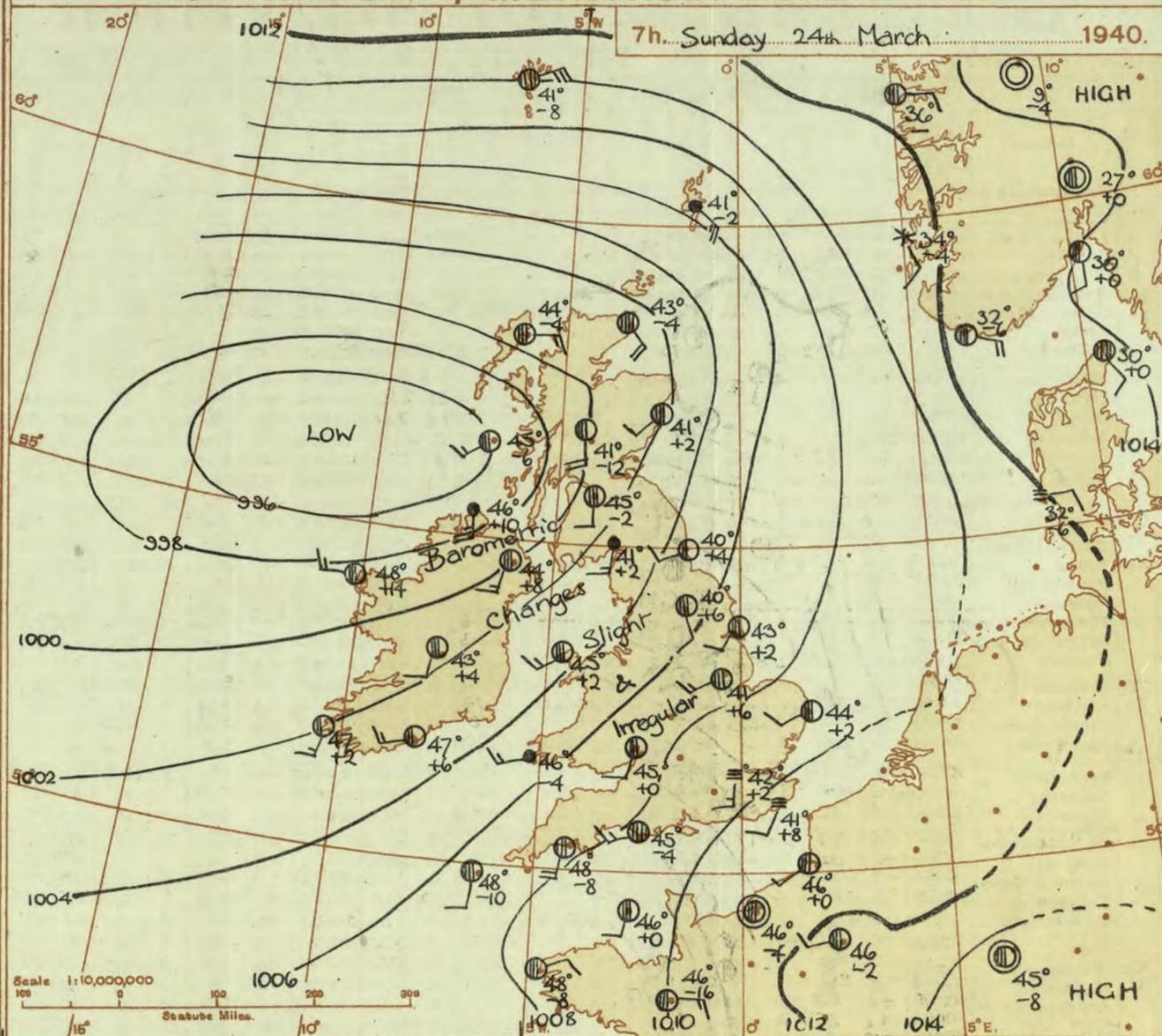
OBSERVATIONS at 18h. G.M.T. 23rd March

PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. -mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.						
				Dirac.	Force. 0-12 (4)					Form.	Amount.		Height of Base. (feet) (14)	Form.			Amount.						Height of Base. (feet) (28)	7h.—13h. 23rd (37)	13h.—18h. 23rd (38)	18h.—24h. 24th (39)	1h.—7h. 24th (40)									
											Low.	Med.					High	Low												Total	Low	Total				
1	London (Kew)...	1010.8	-6	SSW	4	c	54	75	8	8	-	9+	9+	1300	1009.6	-12	SSW	4	bc	52	75	7	8	2	-	7.8	10	1500	1	*	cbccmc	ccir	cirrc	cbccmwl		
	Croydon ...	1011.3	-6	SSW	4	cpr	53	85	8	8	6	9+	9+	1300	1010.1	-6	SE	2	bc	52	85	7	8	7	-	4.6	9+	1500	1	*	cm.cpr	cpr	prrc	cbbbc		
	S. Farnborough	1011.1	-8	SW	4	c	54	75	8	8	3	2	4-6	9+	2500	1009.8	-2	SW	3	bc	49	85	6	6	2	-	4.6	10	800	1	*	bc.m.cpr	pr.r.m.c	pr.r.m.c	bc.wfm	
	Boscombe Down	1010.4	-16	SSW	5	c	52	85	8	5	7	-	7-8	9	1300	1008.3	-6	S	5	bc	47	97	5	-	2	-	10	10	220	1	*	cpr	cpr	cif	cmfF	
	Calshot (Soton.)	1011.7	-6	SSW	4	c	49	85	6	5	7	4	3	10	1300	1009.3	-12	S	4	bc	47	97	6	5	2	-	4.6	10	1500	1	3	f.pr.bcc	co.RRm	or.mff	pfid.m	
	Lympne ...	1013.3	-2	SSW	4	c	52	85	6	5	-	2	3	9+	450	1012.3	-4	SSW	2	bc	48	85	8	2	7	1	1	4-6	4000	1	2	om.f.cpr	cm.c	bcpr.m	om.f.c	
	Manston ...	1012.5	+4	SW	5	c	54	75	7	5	7	-	7-8	7-8	1300	1011.1	-6	SW	3	bc	51	85	7	5	7	2	2-3	4.6	1500	0	*	bc.m.c	bc	ir.id.c	cm.bcm	
2	Shoeburyness ...	1011.6	-4	SSW	4	c	55	65	8	8	-	1	4-6	7-8	4000	1010.9	-6	SW	2	bc	51	75	7	4	7	9	2-3	4.6	5700	1	*	cbcm.c	cbc	cir	cbcm	
	Felixstowe ...	1011.2	+2	WS	3	z	54	75	7	8	-	-	7-8	9+	2500	1010.2	-4	SW	5	bc	50	85	8	5	8	5	2-3	9	4000	1	1	cm.	c	ccr.c	bc.f	
	Gorleston ...	1010.2	+4	SW	4	c	54	65	6	5	-	-	7-8	7-8	2500	1009.9	-2	S	2	bc	54	65	6	5	5	-	4.6	9	2500	0	1	oid.bcc	c	cpr.c	c	
	Mildenhall ...	1009.9	-2	SW	4	c	57	65	8	8	-	1	7-8	9	4000	1008.8	-2	SSW	3	bc	54	75	7	6	7	6	4-6	9+	4000	1	*	c	ccir.c	cid.c	cm.w	
	Cranwell ...	1008.7	-2	SW	4	c	57	55	8	2	-	6	2-3	7-8	2500	1007.0	-6	SW	3	bc	51	75	7	8	7	-	2-3	9+	4000	0	*	bc.z.by	cyleprc	pr.r.bcc	cbcm	
3	Birmingham	1008.4	-6	SSW	3	c	53	55	8	8	7	6	7-8	9+	2500	1006.6	-2	SSE	3	bc	48	85	6	5	2	-	9	10	800	1	*	cbc	pr.rc	so	cm	
	Upper Heyford	1010.0	-10	SSW	4	pr	53	75	7	8	4	-	3	9+	800	1008.8	-6	S	4	bc	48	85	6	5	2	-	4.6	10	800	1	*	cm.c	cpr	c	cm.bcf	
4	Ross-on-Wye ...	1008.2	-10	SSW	3	c	54	65	8	2	6	3	7-8	7-8	2500	1006.9	-8	SW	4	bc	49	85	7	5	-	-	4.6	4.6	2500	1	*	bbcc	ccr.c	bbcc	cpr.c	
5	Hartland Point	1003.5	-18	S	3	r	49	85	7	6	2	-	4-6	10	1500	1006.1	-12	SW	4	bc	48	92	7	-	-	5	0	23	-	1	3	cpr	cmr.b	bcc	c	
	Bristol ...	1003.4	-10	S	4	c	53	75	8	7	-	-	4-6	7-8	1500	1007.7	-6	SSW	4	bc	49	92	8	2	-	-	4.6	4.6	1500	1	*	bcc	cir.c	bcc	c	
	Portland Bill ...	1010.4	-8	S	3	c	47	92	7	5	-	-	3	9	4000	1007.6	-14	SSW	3	bc	46	92	7	5	-	-	10	10	2500	1	3	c	r.c	c	c	
	Plymouth ...	1008.1	-16	S	5	id	49	92	5	6	2	-	9	10	800	1008.3	-12	WS	3	bc	51	75	8	2	-	3	4-6	7-8	1500	1	3	cm.iD	cir.r.bcc	cbcm	cm.	
	The Lizard ...	1007.5	-10	WS	5	bc	51	97	8	8	6	-	4-6	4-6	2500	1009.3	-6	WSW	4	bc	50	92	7	8	6	-	4.6	4.6	2500	1	3	rrbc	bc	bcc	cm	
	Scilly (St. Mary's)	1006.6	+8	WSW	4	bc	54	85	7	8	-	-	2-3	2-3	1500	1007.9	+8	SW	4	bc	52	85	7	4	4	4	4	4	4	4	4	4	4	4	4	4
	Guernsey ...	1011.2	-14	SW	2	c	52	85	7	5	2	-	4-6	9+	4000	1009.5	+4	W	3	bc	50	92	7	-	1	8	0	23	-	1	3	c	oirbc	bcc	c	
6	Pembroke ...	1004.8	-12	S	5	ir	47	97	6	8	-	-	10	10	800	1005.1	0	SWW	5	bc	47	97	7	5	7	-	2-3	2-3	2500	1	2	firm.c	cbc	bc	irm.c	
7	Holyhead ...	1004.0	-22	SSE	5	c	51	85	8	8	2	-	7-8	10	2500	1002.6	+2	SW	4	bc	48	85	7	5	-	-	1	1	4000	1	3	df.p.c	er.isb	bbe	bcw.c	
	Chester (Sealand)	1007.0	-10	SSE	3	c	54	65	6	8	-	-	10	10	2500	1004.9	-4	SSE	2	bc	52	75	7	8	-	-	2-3	2-3	4000	1	*	bc.yr.c	cz.prb	bcw	cm.w	
8	Manchester ...	1007.2	-6	SSW	3	c	58	45	8	8	7	6	2-3	7-8	4000	1005.1	-6	SE	3	ir	50	85	6	6	1	-	7-8	9+	2500	1	*	cm.bcz.c	cl.m.rg	bcm.	bcc	
10	Spurn Head ...	1008.1	0	SSW	2	bc	60	55	6	8	-	-	4-6	4-6	2500	1006.9	-4	SE	2	c	48	75	6	-	7	-	0	7-8	-	1	1	c	c	r.c	c	
	Catterick ...	1006.9	+2	WSW	2	z	53	75	6	8	-	-	7-8	7-8	2500	1004.8	-6	SSW	1	z	51	75	6	5	7	-	4.6	9+	2500	1	1	cf.c	ccz	z.cimbc	bcymcm	
	Tynemouth ...	1006.5	-4	S	3	c	55	65	6	2	-	-	7-8	7-8	2500	1005.7	-2	SW	2	c	48	75	6	8	-	-	9	9	2500	1	1	c	cprc	z.cimbc	cbc	
11	St. Abbs Head	1005.7	-8	SW	3	c	53	75	8	4	6	3	4-6	7-8	2500	1004.5	-2	SSE	3	c	46	85	7	8	2	-	7-8	9+	1500	0	2	c	c	cbc	cbc	
	Leuchars ...	1005.1	+2	NE	2	z	48	92	6	5	-	-	3+	3+	1300	1003.8	-6	SE	1	c	47	85	7	4	7	-	4.6	9+	4000	1	*	pr.c	cm.prc	cm.prc	cm.prc	
	Rentrow (Abbots L.)	1005.4	-2	WSW	2	c	52	75	8	7	-	-	3+	3+	2500	1002.6	-16	SE	3	z	49	75	6	8	2	-	9	10	1500	1	*	cm.c	cprc	cm.prc	bc.cbc	
	Eskdalemuir ...	1005.9	+2	SW	4	cf	43	97	3	-	-	-	10	10	1300	1003.6	-12	NE	1	z	44	92	7	6	2	-	7-8	10	1500	1	*	Ffd.d	cl.fic	rr.c	or.m	
	Point of Ayre ...	1004.9	-6	SSW	5	c	49	92	7	8	6	6	4-6	9+	800	1002.2	-10	SW	4	c	46	97	7	8	-	-	7-8	7-8	800	1	2	c	r.c	bcb	bpr.c	
13A	Tiree ...	1002.3	0	S	3	o	46	92	6	5	-	-	10	10	1500	1000.1	-8	SSE	4	o	41	92	7	5	-	-	10	10	1500	0	4	cm	co	odr	orinc	
13B	Stornoway ...	1004.5	-2	NE	2	c	47	85	8	5	7	-	7-8	9	2500	1003.4	-6	NE	3	bc	44	92	8	5	4	-	1	2-3	2500	1	2	c	cbc	c	cpr	
15	Dalwhinnie ...	1004.8	-6	SW	2	ir	46	75	7	8	-	-	9+	3+	2500	1003.9	-2	S	3	c	44	85	7	8	6	8	4-6	10	2500	0	*	cir	c	*	cir	
	Aberdeen ...	1005.9	+2	E'S	2	o	41	97	5	5	-	-	10	10	450	1004.9	-4	ESE	2	c	43	97	6	5	-	9	9+	9+	4000	1	1	off.ir.o	amffc	cm.	cm.	
	Wick ...	1005.4	+2	SE	2	c	44	92	6	5	3	-	4-6	9+	2500	1004.5	-6	SE	3	c	42	97	7	5	1	-	7-8	10	1500	1	1	cm.c	m.c	ifom.	cm.m	
16	Lerwick ...	1006.5	+18	E	7	c	40	92																												

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 24th March 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th March, 1940.
1 S.E. England	Wind south, light, backing southeast and freshening; considerable bright periods today, with increasing cloud this evening; and occasional rain later; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind southwest becoming variable light; considerable bright periods and occasional showers; mild by day, with local fog tomorrow morning.
6 South Wales ...	
7 North Wales ...	Wind mainly southwest, light to moderate; occasional showers and some bright intervals; 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.	Wind southeast, veering south moderate; dull with occasional rain and much hill fog at first; improving later; rather cold, becoming milder.
14 Mid Scotland	
15 N. E. Scotland	Wind southeast, moderate to fresh; dull, with occasional rain; rather cold.
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind between southwest and west, light to moderate; occasional showers and bright intervals; 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 depression off West Scotland is moving slowly north-northeastwards and will fill up slowly; a disturbance over northwest Spain will move rather quickly northeastwards. There will be considerable bright periods and occasional showers in most districts. More widespread rain will occur in extreme north Scotland early, and in S.E. England tonight; fog will occur locally in the Midlands tomorrow morning. Conditions will be rather mild generally.

FURTHER OUTLOOK.

Showers and bright intervals.

Forecasts issued at 1030 G.M.T.

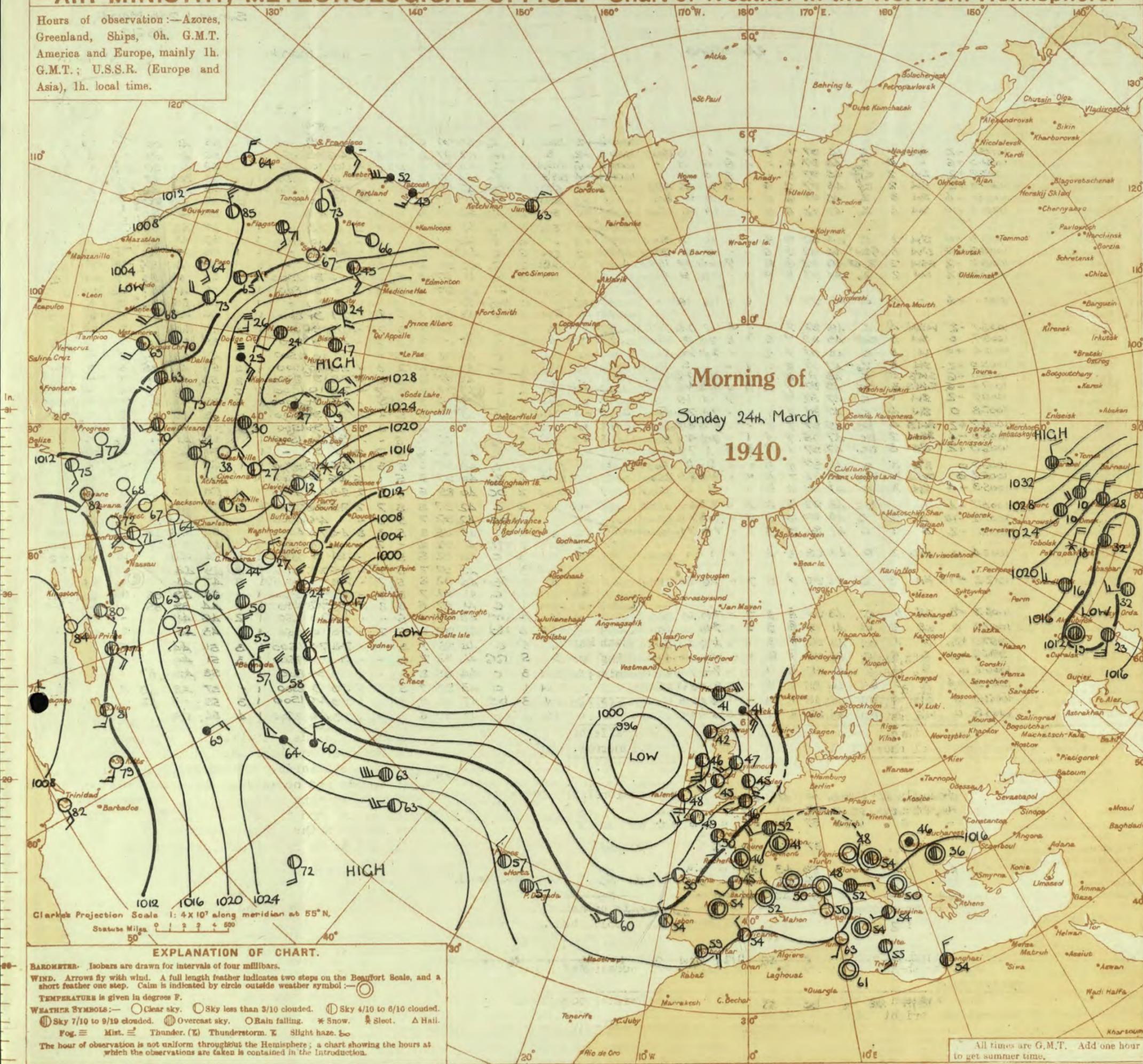
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

5-276/3653, H. S. G. Press, Cornwall House & E.

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

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



EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS: ○ Clear sky. ○ Sky less than 3/10 clouded. ○ Sky 4/10 to 6/10 clouded. ○ Sky 7/10 to 9/10 clouded. ○ Overcast sky. ○ Rain falling. * Snow. † Sleet. Δ Hail. Fog. ≡ Mist. ≡ Thunder. (T) Thunderstorm. K Slight haze. ☁

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

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 24th March

OBSERVATIONS at 7 hr. G.M.T. 24th March

PAST 24 HOURS.

Main table with columns for District, Stations, Height above M.S.L., Barom., Change in 3 hours, Wind (Dir., Force), Weather, Temp., Humid., Visibility, Cloud (Form, Amount, Height), Barom. at M.S.L., Change in 3 hours, Wind (Dir., Force), Weather, Temp., Humid., Visibility, Cloud (Form, Amount, Height), State of Ground, Sea, Temperature (Max. Day, Min. Night, Min. on Grass), Rainfall (Day 7h-18h, Night 18h-7h), and Sunshine (23rd Hr.).

LONDON OBSERVATIONS

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

Table for London Observations with columns for Station, Height above M.S.L., Weather (Morning, Afternoon, Night), Temperature (Day Max, Night Min, Min. on Grass), Rainfall (Day, Night), Sunshine (Sunset hrs), Humidity (15h, 9h G.M.T.), and Visibility (9h).

EXPLANATION OF FIGURES, LETTERS, etc.

Columns 2, 16: The barometric tendency is expressed in tenths of a millibar. Columns 4, 18: THE BEAUFORT SCALE OF WIND is used only for surface observations. Columns 8, 22: Code for surface visibility. Column 30: Code for State of Sea. Columns 34, 35: Tr. = rain has fallen, but amount less than 0.1 mm.

FOREIGN OBSERVATIONS.

Table for Foreign Observations with columns for Stations (Paris, Brussels, Berlin, Zurich, Rome), Barom. (18h G.M.T., 7h G.M.T.), Wind (Dir., Force), Weather, Temp. (°F.), Max. Day (°F.), Min. Night (°F.), and Rainfall (Day, Night mm.).

SOUTH KENSINGTON.

Table for South Kensington with columns for Max. Time, Min. Time, and Kew Observatory (Max. Time, Min. Time).

Past 24 Hours.

Table for Past 24 Hours with columns for Beaufort No., Statute m/h, and Beaufort No. for various wind speeds.

TERMS OF SUBSCRIPTION. (Single Copies, 1d. each: by post 1½d. 2/6 per month; 6/6 per quarter; 25/- per year.)

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

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

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

BRITISH SECTION

Monday 25th March 1940.

No 28,613.

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

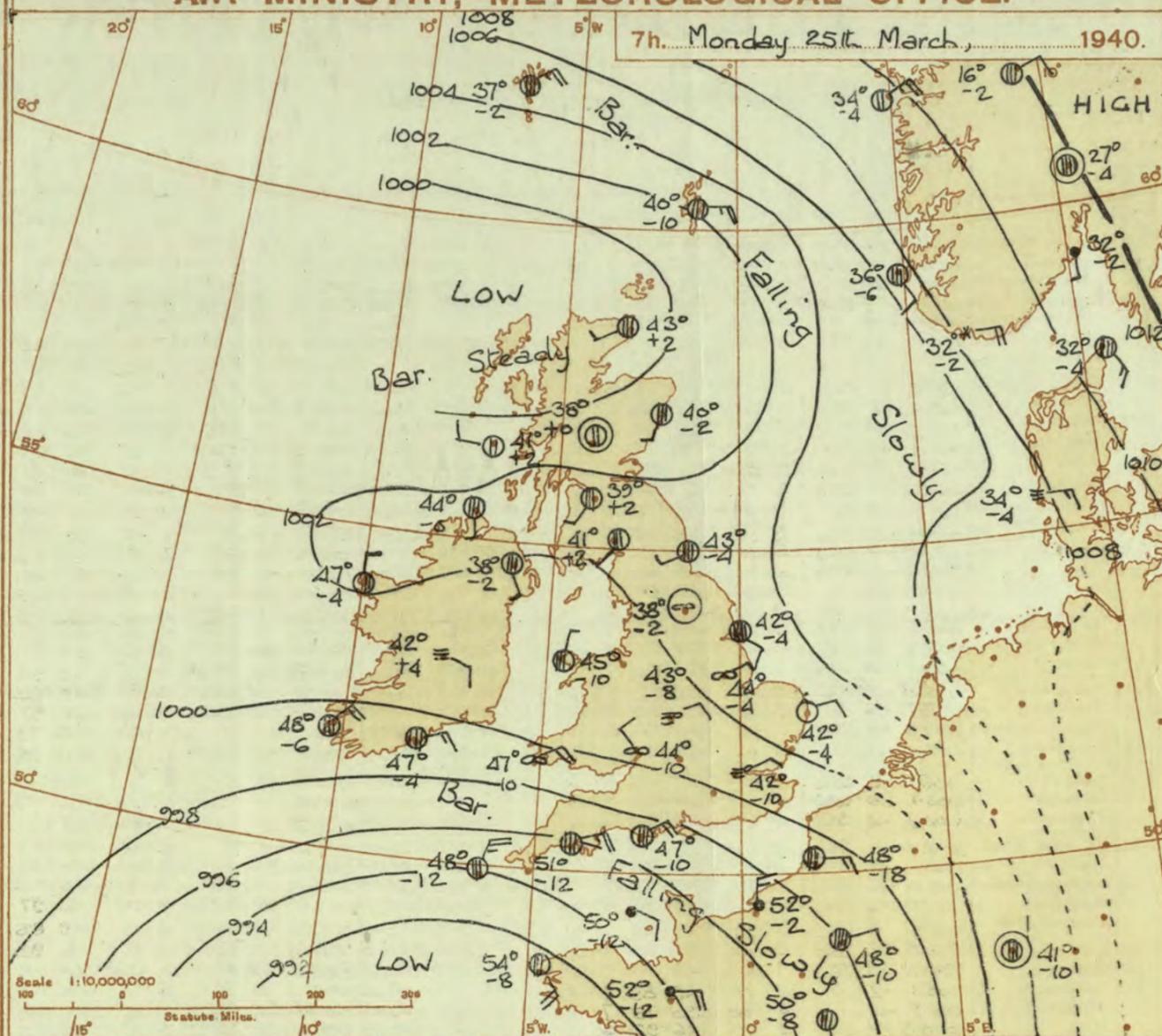
OBSERVATIONS at 18h. G.M.T. 24th March.

PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.						
				Dirac. (3)	Force. (4)					Form. (10)	Amount. (11)	Height of Base. (feet) (14)	Low. (12)	Med. (13)			High (14)	Form. (23)					Amount (24)	Height of Base. (feet) (28)	Low (25)	Med. (26)	High (27)			7h.-13h. 24th (37)	13h.-18h. 24th (38)	18h.-24h. 25th (39)	1h.-7h. 25th (40)			
																																		Low.	Med.	High
1	London (Kew)...	1007.8	-14	SSW	2	c	51	65	7	8	-	2	7-8	9	2500	1005.7	-12	S	2	Zo	51	75	6	5	-	10	10	2500	1	*	cm,lc	cm,lc	cm,lc	cm,lc		
	Croydon ...	1008.3	-10	SW	2	c	56	75	7	8	3	2	4-6	7-8	2500	1006.2	-14	-	0	c/r	51	75	6	5	7	-	7-8	10	2500	1	*	cm,lc	cm,lc	cm,lc	cm,lc	
	S. Farnborough	1008.3	-6	S	2	c	53	65	7	2	-	8	2-3	9	2500	1005.6	-6	SE	2	c	50	75	7	4	1	-	7-8	9	2500	0	*	cm,lc	cm,lc	cm,lc	cm,lc	
	Boscombe Down	1007.2	-14	SSE	3	c	52	85	7	2	-	6	7-8	9	2500	1004.7	-8	SE'E	3	c	49	65	7	5	7	3	-	7-8	9	4000	0	*	cm,lc	cm,lc	cm,lc	cm,lc
	Calshot (Soton.)	1008.0	-12	-	0	Zo	49	92	6	5	-	-	10	10	1500	1005.0	-14	SE'E	3	Zo	46	97	6	5	7	2	7	9	5700	1	2	cm,lc	cm,lc	cm,lc	cm,lc	
	Lympe	1010.3	-10	SE'S	2	m/f	46	97	4	5	-	-	10	10	220	1007.6	-14	E'NE	1	c	48	65	8	5	-	-	9	9	7200	1	2	cm,lc	cm,lc	cm,lc	cm,lc	
	Manston	1007.3	-10	SE'S	2	m/f	46	97	4	5	-	-	10	10	220	1007.6	-14	E'NE	1	c	48	65	8	5	-	-	9	9	7200	1	2	cm,lc	cm,lc	cm,lc	cm,lc	
	Manston	1007.3	-10	SE'S	2	m/f	46	97	4	5	-	-	10	10	220	1007.6	-14	E'NE	1	c	48	65	8	5	-	-	9	9	7200	1	2	cm,lc	cm,lc	cm,lc	cm,lc	
2	Shoeburyness ...	1009.2	-3	SW	3	c	54	75	8	2	9	6	1	9	4000	1007.0	-14	SE	1	r	48	85	8	8	-	-	9	9	7200	1	*	cm,lc	cm,lc	cm,lc	cm,lc	
	Felixstowe ...	1008.8	-6	SSE	3	Zo	47	85	6	8	4	7	2-3	9	1500	1006.3	-10	SE	3	Zo	46	92	6	5	7	-	4-6	9	5700	1	2	cm,lc	cm,lc	cm,lc	cm,lc	
	Gorleston ...	1008.3	-6	SE	4	c	49	75	7	5	-	4	6	7-8	2500	1006.7	-4	SSE	2	c	46	85	6	5	4	-	2-3	9	2500	0	2	cm,lc	cm,lc	cm,lc	cm,lc	
	Mildenhall ...	1007.4	-12	SW	3	c	57	65	7	2	-	8	7-8	9	1800	1005.3	-12	SW	1	c	55	65	7	-	7	7	0	0	-	0	0	0	0	0	0	0
	Cranwell ...	1007.7	-6	SW'W	3	c/pr	54	65	8	3	5	8	7-8	9	2500	1004.9	-10	SW	1	c	51	75	8	5	7	8	1	7-8	4000	0	*	cm,lc	cm,lc	cm,lc	cm,lc	
3	Birmingham	1006.2	-1	SSW	2	c	51	65	7	3	-	7	8	9	1500	1004.5	-8	S	2	c	53	55	7	8	-	8	4-6	9	2500	1	*	cm,lc	cm,lc	cm,lc	cm,lc	
	Upper Heyford	1007.9	-8	SE	1	c/pr	53	75	8	8	-	9	4-6	7-8	1500	1005.5	-8	S	2	c	51	75	8	4	6	7	2-3	10	2500	1	*	cm,lc	cm,lc	cm,lc	cm,lc	
	Ross-on-Wye ...	1005.9	-16	SW	3	bc	55	65	8	8	-	2	2-3	4-6	4000	1004.7	-6	S	1	c	50	85	8	8	1	-	7-8	10	2500	1	*	cm,lc	cm,lc	cm,lc	cm,lc	
5	Hartland Point	1004.9	-8	SSW	3	pr	51	85	8	8	-	9	9	9	1500	1002.5	-14	SE	3	r	49	85	8	8	1	-	7-8	9	1500	1	3	cm,lc	cm,lc	cm,lc	cm,lc	
	Bristol ...	1006.6	-10	SW	4	c	55	65	8	8	7	5	4-6	7-8	1500	1004.8	-6	SE	3	c/pr	51	65	7	5	7	-	4-6	10	2500	1	*	cm,lc	cm,lc	cm,lc	cm,lc	
	Portland Bill ...	1007.1	-16	E	4	c	47	92	7	5	7	-	7-8	10	4000	1003.1	-18	E	3	PR	47	92	7	5	7	-	4-6	9	4000	1	3	cm,lc	cm,lc	cm,lc	cm,lc	
	Plymouth ...	1005.9	-16	SSE	3	pr	51	75	7	-	-	-	10	10	5700	1002.9	-14	E'N	4	c	49	85	8	5	7	-	7-8	9	4000	1	2	cm,lc	cm,lc	cm,lc	cm,lc	
	The Lizard ...	1005.1	-10	ESE	3	pr	49	97	7	3	-	-	10	10	1500	1001.5	-10	E'N	4	c	48	97	8	5	-	-	10	10	1500	1	2	cm,lc	cm,lc	cm,lc	cm,lc	
	Scilly (St. Mary's)	1003.9	-12	SE	3	pr	50	92	7	5	-	-	10	10	1500	1000.0	-20	E	4	c	49	97	7	8	7	3	4-6	9	1500	1	3	cm,lc	cm,lc	cm,lc	cm,lc	
	Guernsey	1006.0	-20	SE'E	1	c	50	92	7	5	1	-	4-6	9	2500	1002.5	-14	ESE	1	c	50	92	7	-	7	8	0	7-8	-	1	2	cm,lc	cm,lc	cm,lc	cm,lc	
6	Pembroke ...	1005.0	-4	SE	2	if	48	97	5	5	7	3	4-6	7-8	800	1002.8	-8	SE'E	3	c	47	92	7	8	2	-	7-8	9	800	1	2	cm,lc	cm,lc	cm,lc	cm,lc	
	Holyhead ...	1003.7	-6	S	4	c	51	85	8	5	-	9	9	9	450	1002.3	-4	SSW	3	cf	44	97	3	5	3	-	7-8	9	450	1	2	cm,lc	cm,lc	cm,lc	cm,lc	
	Chester (Sealand)	1004.8	-6	SSE	1	pr	54	65	8	8	5	8	7-8	9	1500	1003.5	-2	S	1	c	53	75	7	8	4	-	7-8	9	1500	1	1	cm,lc	cm,lc	cm,lc	cm,lc	
	Manchester ...	1005.1	-10	SW	3	c	56	65	7	3	-	7-8	9	2500	1004.1	-6	SSE	3	c/pr	52	75	7	8	3	-	4-6	7-8	2500	1	*	cm,lc	cm,lc	cm,lc	cm,lc		
10	Spurn Head ...	1006.1	-2	SSW	3	c	57	65	8	2	-	-	7-8	7-8	4000	1004.5	-2	S	3	bc	48	75	6	5	4	1	2-3	4-6	2500	0	1	cm,lc	cm,lc	cm,lc	cm,lc	
	Catterick ...	1004.1	-10	WSW	2	c	54	65	7	2	3	8	4-6	9	4000	1003.5	-2	WSW	2	Zo	52	75	6	8	6	6	7-8	7-8	4000	1	1	cm,lc	cm,lc	cm,lc	cm,lc	
	Tynemouth ...	1004.4	-4	SW	3	bc	55	55	6	2	-	-	4-6	4-6	2500	1003.5	0	SW	3	bc	55	55	6	2	-	-	4-6	4-6	2500	0	1	cm,lc	cm,lc	cm,lc	cm,lc	
11	St. Abbs Head	1002.1	-4	SSW	4	c	51	75	8	2	6	8	4-6	7-8	2500	1001.6	-4	S	3	bc	50	75	8	4	4	8	4-6	4-6	2500	0	2	cm,lc	cm,lc	cm,lc	cm,lc	
	Leuchars ...	1001.1	-10	SSW	4	pr	54	75	8	8	-	6	4-6	9	4000	1000.4	-6	S	3	c	50	85	7	8	3	-	7-8	9	2500	1	*	cm,lc	cm,lc	cm,lc	cm,lc	
	Rentrow (Abbots L.)	1001.3	-2	SSW	4	c	54	65	8	7	6	6	4-6	7-8	2500	1001.2	+4	SW	2	pr	48	92	7	5	-	-	9	9	1500	1	*	cm,lc	cm,lc	cm,lc	cm,lc	
	Eskdalemuir ...	1002.8	-4	SW'S	4	dolo	45	97	5	-	2	-	10	10	4150	1002.5	0	SW'S	3	cf	43	97	2	-	-	-	10	10	4150	1	*	cm,lc	cm,lc	cm,lc	cm,lc	
	Point of Ayre ...	1002.9	0	SSW	3	bc	57	75	7	2	4	-	2-3	2-3	1500	1002.5	-2	SW'S	3	c	49	85	8	2	-	6	7	9	1500	0	2	cm,lc	cm,lc	cm,lc	cm,lc	
13A	Tiree ...	996.5	+2	SSW	3	c	50	85	7	8	-	-	7-8	7-8	1500	998.3	+8	W	3	c	46	92	8	8	6	-	4-6	7-8	2500	0	3	cm,lc	cm,lc	cm,lc	cm,lc	
13B	Stornoway ...	999.3	-8	SE	1	c	49	75	7	5	9	-	7-8	9	4000	999.0	+2	E	1	c/pr	45	92	7	5	7	-	7-8	9	2500	1	1	cm,lc	cm,lc	cm,lc	cm,lc	
15	Dalwhinnie ...	1000.1	-2	S	4	pr	45	85	7	6	1	-	4-6	10	2500	999.8	0	S	4	ir	44	85	7	8	6	-	7-8	9	2500	1	*	cm,lc	cm,lc	cm,lc	cm,lc	
	Aberdeen ...	1001.7	-4	S	4	bc	50	75	7	7	4																									

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 25th March, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 25th March, 1940.
1 S.E. England	Wind east, light to moderate; becoming fresh on coasts; cloudy, with occasional bright periods; local thundery rain tonight; average temperature or rather warm.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind east, light to moderate; fair and warm, but dull and rather cold near coast.
6 South Wales ...	
7 North Wales ...	Wind east, moderate to fresh, strong at times on coasts; cloudy, with occasional rain, thundery at times; mild.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind east, light, becoming moderate; fair and warm, but dull and cold near East Coast.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind variable, becoming easterly light; generally fair and mild at first; becoming dull and cold along East Coast.
14 Mid Scotland	
15 N. E. Scotland	Wind westerly, light, becoming variable or easterly, light; considerable bright periods, with occasional light showers today; average temperature.
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind east, moderate to fresh; cloudy, with occasional rain; rather cold.
18 N. E. Ireland	
19 S. E. Ireland	Wind east to northeast, moderate fresh locally on coasts; variable cloud, with occasional rain in the south; average temperature.
20 S. W. Ireland	

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

GENERAL INFERENCE.

A large depression over the Bay of Biscay is moving very slowly northeastwards and a depression over N.W. Scotland is filling up. Weather will be fair and warm over most of England, Wales, and Ireland, except for local thundery rain in the extreme south, and rather dull and cold conditions along the East Coast of England, especially towards the north. There will be considerable bright periods over Scotland, with occasional light showers in the north.

FURTHER OUTLOOK.

Occasional rain in the south, and dull in the east; fair elsewhere.

Forecasts issued at 1030 G.M.T.

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

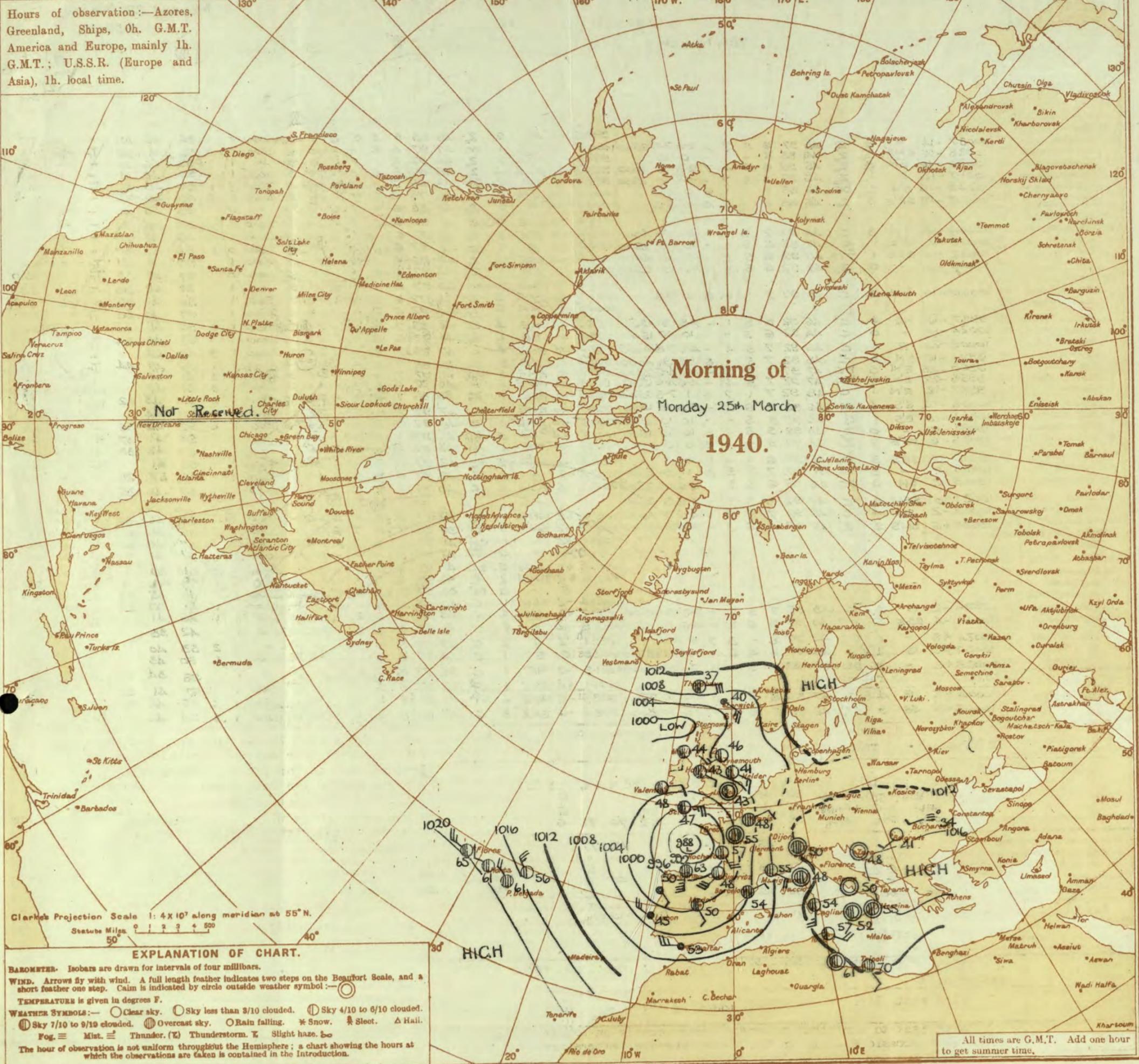
H.M.S.O. Press, Cornwall House, E.C.1.

476/3653, M. 9109, 6466, 6468, 43300, 3750

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

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

Morning of
Monday 25th March
1940.



Not Received.

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. (⚡) Thunderstorm. ≡ Slight haze. ≡

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

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

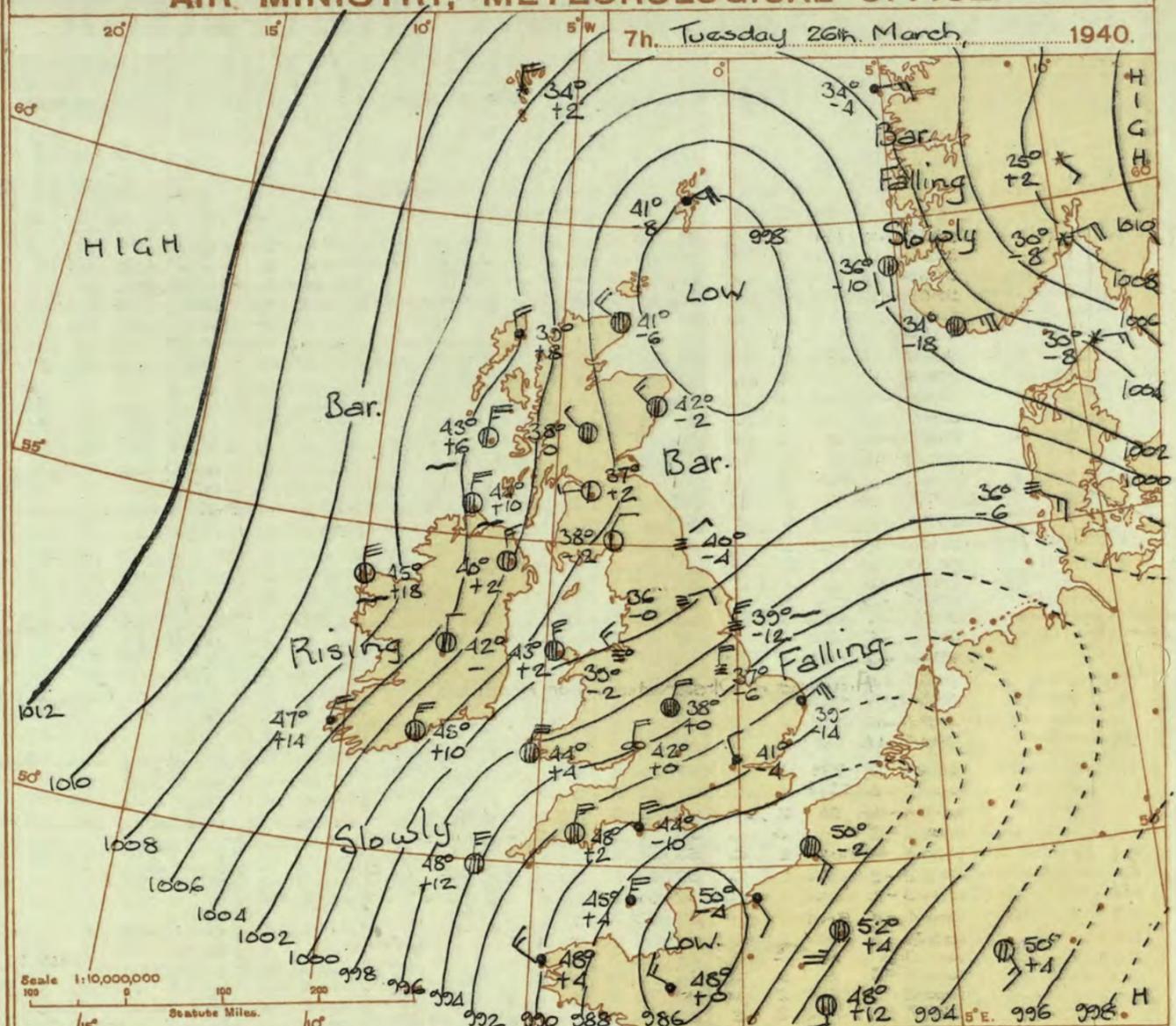
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 25th. March															OBSERVATIONS at 7 hr. G.M.T. 25th. March															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.					Sea.	TEMPERATURE.			RAINFALL.		SKY-RAIN 24 Hrs.			
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Form.	Amount.			Height of Base (feet).	Form.					Amount.	Height of Base (feet).	State of Ground.	0-9	Max. Day 7h-18h °F.		Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.					
1	London (Kew)	18	1003.7	-14				43	97	6	5	7	2	2-3	7-8	2500	1000.6	-10	ENE	1	3	3	4	5	5	3	6	1	4-6	4000	1	56	45	38	-	-	2.5	
	Croydon	217	1002.8	-16	ENE	3	bc	46	95	6	5	7	2	2-3	7-8	2500	999.6	-10	ENE	1	3	3	4	5	5	3	6	1	4-6	4000	1	56	41	36	Tr	Tr	1.2	
	S. Farnborough	226	1002.0	-16	ENE	3	bc	45	92	6	5	7	2	2-3	7-8	4000	998.5	-14	ENE	4	3	3	4	5	5	3	6	1	4-6	4000	1	53	43	41	-	-	1.5	
	Boacombe Down	417	1001.7	-18	E	1	bc	46	92	5	5	7	2	2-3	7-8	2500	998.0	-14	ENE	2	3	3	4	5	5	3	6	1	4-6	4000	1	50	45	41	Tr	Tr	0.2	
	Calshot (Stmnt.)	8	1004.0	-18	E'N	2	bc	46	85	5	5	7	2	2-3	7-8	4000	1000.6	-14	E'N	3	3	3	4	5	5	3	6	1	4-6	4000	1	49	45	42	-	-	0.0	
	Lympne	346	1003.5	-18	SE'E	2	bc	46	85	5	5	7	2	2-3	7-8	4000	1000.2	-14	E	3	3	3	4	5	5	3	6	1	4-6	4000	1	53	43	40	-	-	0.1	
	Manston	154	1003.5	-18	SE'E	2	bc	46	85	5	5	7	2	2-3	7-8	4000	1000.2	-14	E	3	3	3	4	5	5	3	6	1	4-6	4000	1	53	43	40	-	-	0.1	
2	Shoeburyness	11	1004.4	-14	E'N	3	c	44	92	7	8	1	1	1	1	4000	1001.4	-10	ENE	2	c	c	c	c	c	c	c	c	c	c	1	54	38	32	-	-	6.0	
	Felixstowe	15	1005.8	-4	SE'S	1	c	42	85	6	5	1	1	1	1	2500	1003.7	-4	E	1	c	c	c	c	c	c	c	c	c	c	1	54	41	39	-	-	3.6	
	Gorleston	5	1004.2	-10	ESR	1	c	48	92	6	5	2	2	2	2	4000	1001.5	-10	ESE	2	c	c	c	c	c	c	c	c	c	c	1	57	44	41	Tr	Tr	5.7	
	Mildenhall	19	1004.4	-2		0	bc	42	92	6	5	3	3	3	3	2500	1002.4	-4	E'N	1	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	57	39	33	Tr	Tr	8.4	
	Cranwell	240	1004.4	-2		0	bc	42	92	6	5	3	3	3	3	2500	1002.4	-4	E'N	1	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	57	39	33	Tr	Tr	5.8	
3	Birmingham	535	1004.0	-10	ENE	2	c	43	92	7	3	6	0	7-8	-	-	1001.3	-8	ENE	2	m	m	m	m	m	m	m	m	m	m	1	55	42	30	Tr	Tr	2.0	
	Upper Heyford	408	1001.1	-10	ENE	2	c	44	92	6	5	3	1	7-8	9	1500	1001.1	-10	ENE	2	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	52	41	36	0.1	Tr	Tr	2.9
	Ross-on-Wye	223	1000.5	-10	NW	2	c	44	92	6	5	3	1	7-8	10	2500	1000.5	-10	NW	2	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	57	40	30	Tr	Tr	2.9	
5	Hartland Point	299	998.7	-16	NE	4	c	46	92	8	8	1	1	7-8	9	1500	995.0	-18	NE	4	c	c	c	c	c	c	c	c	c	c	3	52	45	44	Tr	Tr	3.0	
	Bristol	209	1002.4	-14		0	c	44	92	6	5	1	1	10	10	1500	999.5	-10	NE	1	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	57	41	34	Tr	Tr	2.0	
	Portland Bill	32	1000.8	-20	E	4	c	46	92	7	5	4	4	4-6	7-8	4000	996.5	-10	ENE	4	c	c	c	c	c	c	c	c	c	c	3	48	44	44	Tr	Tr	0.3	
	Plymouth	82	999.1	-16	E'N	4	c	48	92	7	5	4	4	4-6	7-8	4000	995.0	-12	E'N	5	c	c	c	c	c	c	c	c	c	c	1	52	47	44	Tr	Tr	0.3	
	The Lizard	240	998.9	-28	E'N	5	bc	47	97	7	8	6	6	4-6	4-6	2500	993.3	-8	ENE	5	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	3	51	46	44	Tr	Tr	0.0	
	Scilly (St. Mary's)	163	995.8	-22	E'N	5	bc	47	97	7	5	4	4	4-6	4-6	1500	992.8	-12	ENE	5	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	3	51	47	44	Tr	Tr	0.3	
	Guernsey	175	998.2	-12	E'N	1	c	48	92	7	1	7	8	1	7-8	2500	994.5	-12	ESE	1	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	50	48	42	0.4	Tr	Tr	1.3
6	Pembroke	142	1000.8	-12	E'S	4	c	46	85	7	5	2	2	4-6	10	1500	998.7	-10	ENE	4	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	2	50	44	41	Tr	Tr	0.6	
7	Holyhead	26	1002.1	-10	E'S	1	bc	43	97	3	5	1	1	10	10	1500	1000.2	-10	NNE	1	c	c	c	c	c	c	c	c	c	c	1	52	42	36	-	-	3.6	
	Chester (Sealand)	16	1003.1	-10		0	bc	43	92	5	5	1	1	10	10	1500	1001.7	-4		0	c	c	c	c	c	c	c	c	c	c	1	58	41	37	Tr	Tr	4.1	
8	Manchester	70	1003.6	-6	SE'E	2	bc	44	92	5	5	1	1	8	0	9	-	1002.1	-4	NE	1	m	m	m	m	m	m	m	m	m	1	57	42	33	Tr	Tr	5.5	
10	Spurn Head	29	1004.4	0	SE'S	3	bc	41	97	6	1	0	1	0	1	-	1002.4	-4	SE'E	2	c	c	c	c	c	c	c	c	c	c	1	59	41	35	Tr	Tr	6.0	
	Catterick	175	1003.8	0		0	c	41	97	7	5	3	8	1	9	5700	1002.4	-2		0	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	56	37	28	-	-	2.8	
	Tynemouth	108	1004.3	+2	SW	3	bc	46	85	6	8	3	1	4-6	4-6	2500	1003.1	-4	WSW	2	c	c	c	c	c	c	c	c	c	c	1	57	41	35	-	-	*	
11	St. Abbs Head	280	1002.1	0	SSW	4	c	43	92	8	5	1	1	4-6	9	2500	1001.0	+2	WNW	1	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	54	42	36	0.4	Tr	Tr	3.1
	Leuchars	36	1001.2	-2	SW	4	c	45	92	7	5	7	1	4-6	9	4000	1001.0	+2	WNW	1	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	56	38	31	2	Tr	Tr	5.6
12	Renfrew (Abbots I.)	19	1002.6	+6	SW'S	2	bc	45	97	6	5	3	1	7-8	9	1500	1002.5	+2	SW'S	1	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	47	40	40	Tr	Tr	0.0	
	Eskdalemuir	794	1001.8	-4		0	c	41	97	6	5	7	1	7-8	9	450	1002.1	+2		0	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	57	41	40	Tr	Tr	8.3	
	Point of Ayre	30	1001.8	-4		0	c	41	97	6	5	7	1	7-8	9	450	1001.8	+2		0	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	57	41	40	Tr	Tr	8.3	
13A	Tiree	22	1001.2	+2	WNW	2	bc	41	97	8	5	3	1	2-3	2-3	4000	1001.2	+2	WNW	2	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	2	51	39	32	3	Tr	Tr	1.1
13B	Stornoway	80	1001.6	+6	WNW	2	bc	43	97	7	5	7	1	4-6	9	2500	1001.6	+6	WNW	2	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	49	42	32	Tr	Tr	2.7	
15	Dalwhinnie	1176	1000.4	-2	SSW	1	bc	38	92	7	4	6	1	4-6	4-6	2500	1000.4	-2	SSW	1	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	1	46	35	32	Tr	Tr	1.9	
	Aberdeen	79	999.6	-2	S	3	c	43	97	7	5	7	1	7-8	9	1500	999.2	+2	WSW	2	c	c	c	c	c	c	c	c	c	c	1	51	39	32	Tr	Tr	3.6	
	Wick	81	1004.1	-4	ESE	5	bc	40	97	6	6	2	2	4-6	10	450	1002.8	-10	E	5	c	c	c	c	c	c	c	c	c	1	46	41	41	Tr	Tr	0.0		
16	Lerwick	156	1004.1	-																																		

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Tuesday 26th March 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 26th March, 1940.
1 S.E. England	Wind north, moderate to fresh, becoming variable light in extreme southeast; widespread rain, clearing slowly from the southwest, but persisting in the east; widespread hill fog, and local coast fog; cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind north, moderate to fresh, strong locally on coasts; occasional rain in extreme southeast at first, otherwise variable cloud and some bright intervals; rather cold.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind northeast, light, becoming north, moderate; dull, with widespread coast and hill fog; rain spreading from the south; cold.
9 N. Midlands ...	
10 N.E. England	Wind north, light to moderate, backing northwest, moderate to fresh; variable cloud, with some bright intervals today; showers tomorrow; cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind north to northwest, veering north to northeast, moderate to fresh; rather frequent showers of rain and sleet, persistent at times cold.
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Wind north, moderate to fresh; occasional showers in the north and west; mainly fair elsewhere, with bright periods; rather cold.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

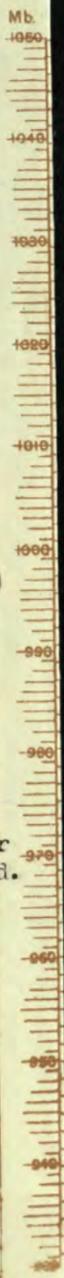
A complex depression extending from N.W. France to Belgium is moving very slowly northeastwards, and another depression off N.E. Scotland is almost stationary. A widespread belt of rain over south and S.E. England will spread slowly northwards over the eastern half of England and clear slowly from the southwest of area. Weather will be mainly fair over Wales and the rest of England. There will be wintry showers over Scotland, and bright periods and occasional showers over Ireland. Fog will persist along the N.E. Coast of England. Temperatures will be below average generally.

FURTHER OUTLOOK.

Cold north to northeast type; showers in northern and eastern districts.

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

Forecasts issued at 1030 G.M.T.



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

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



Morning of
Tuesday 26th March,
1940.

American Observations not received

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

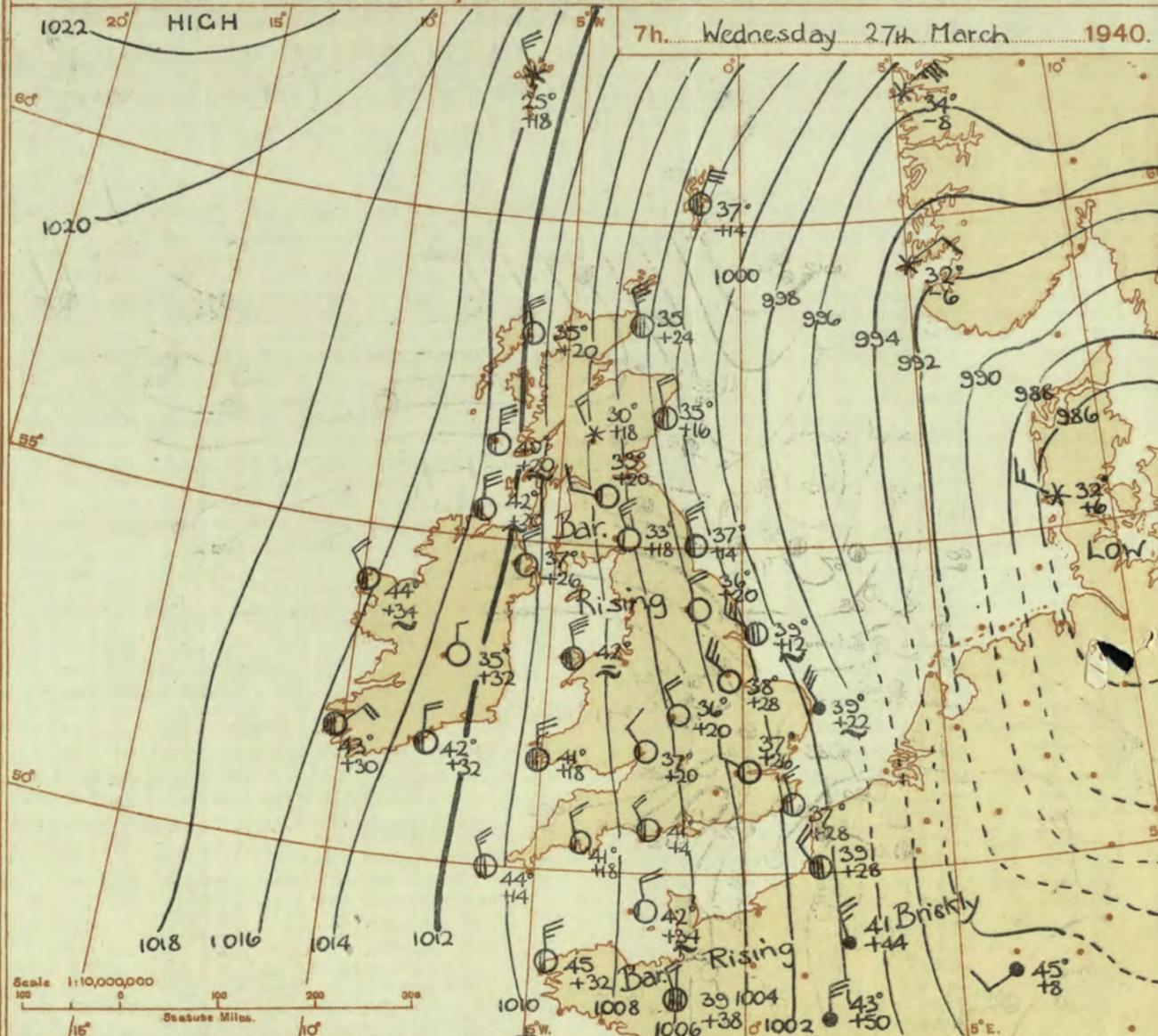
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Wednesday 27th. March. 1940.
No. 28615.

OBSERVATIONS at 13h. G.M.T. 26th. March.														OBSERVATIONS at 18h. G.M.T. 26th. March.														PAST 24 HOURS.										
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.								
				Dir.	Force. 0-12 (4)					Form.	Amount.	Height of Base. (feet) (14)	Form.	Amount.			Height of Base. (feet) (14)	Dir.					Force. 0-12 (18)	Form.	Amount.	Height of Base. (feet) (14)	7h.—13h. 26th.			13h.—18h. 26th.	18h.—to 27th.	1h.—7h. 27th.						
1	London (Kew)...	991.7	+3	Z	4	r	42	92	6	2	-	9	10	1500	994.5	+2	Z	5	Z	43	85	6	5	1	-	9	10	1500	2	*	cmrgm	cmrgm	cm	cbcbm				
	Croydon ...	991.2	+4	Z	4	r	42	97	4	2	-	9	10	220	994.8	+2	Z	4	mx	41	97	4	2	-	9	10	450	1	*	cmrgm	cmrr	cm	cmcbm					
	S. Farnborough	991.5	+6	Z	4	r	43	92	6	1	-	10	10	800	994.5	+2	Z	4	bc	44	75	7	1	4	8	1	4	6	1500	2	*	nm	cmrmbc	cmcb	bczcbm			
	Boscombe Down	992.2	+10	Z	6	r	44	85	5	2	-	7	8	10	450	994.1	+1	Z	5	c	43	55	7	5	-	2	4	6	1000	1	*	cmrgm	cmbe	cm	cmcbm			
	Calshot (Soton.)	990.6	+10	Z	5	r	44	85	6	2	-	9	10	1500	993.6	+2	Z	5	c	48	75	7	5	7	-	2	3	9	4000	1	3	cmrgm	cmrmbc	cmcbm	bbw			
	Lymphne	990.3	+8	Z	4	r	41	92	6	2	-	9	10	450	992.3	+1	Z	5	rr	40	92	6	2	-	7	8	10	450	1	3	cmrgm	cmrmbc	cmcbm	cmcb				
	Manston	989.5	+6	Z	4	r	41	97	4	5	-	10	10	1500	992.5	+1	Z	5	rr	40	97	5	6	-	-	10	10	1500	1	*	cmrgm	cmrmbc	cmcbm	cmcb				
2	Shoeburyness ...	990.9	+6	Z	3	r	41	97	6	2	-	9	10	450	993.9	+2	Z	3	rr	40	92	6	6	-	-	10	10	800	1	*	nm	cmrmbc	cmcbm	cmcb				
	Felixstowe ...	990.1	+2	Z	3	r	40	97	6	1	-	10	10	450	992.3	+1	Z	3	rr	39	97	6	6	-	-	9	10	450	1	3	nm	cmrmbc	cmcbm	cmcb				
	Gorleston ...	991.6	0	Z	6	r	39	97	6	1	-	10	10	1500	993.2	+3	Z	6	rr	39	97	6	6	-	-	10	10	1500	1	4	nm	cmrmbc	cmcbm	cmcb				
	Mildenhall ...	992.3	+4	Z	5	r	41	97	5	2	-	10	10	450	994.8	+2	Z	5	rr	40	97	6	6	-	-	9	10	450	1	*	nm	cmrmbc	cmcbm	cmcb				
	Cranwell ...	995.1	-2	Z	4	r	42	85	6	5	-	10	10	800	996.4	+1	Z	4	rr	42	85	6	5	-	-	10	10	800	0	*	nm	cmrmbc	cmcbm	cmcb				
3	Birmingham	995.8	-2	Z	4	r	50	55	6	1	-	8	1	7	8	2500	997.3	+1	Z	4	rr	45	75	6	3	1	-	9	10	800	1	*	nm	cmrmbc	cmcbm	cmcb		
	Upper Heyford	993.5	+2	Z	4	r	44	85	6	5	2	-	7	8	10	450	995.6	+1	Z	4	rr	47	75	6	5	2	6	2	3	7	2500	1	*	nm	cmrmbc	cmcbm	cmcb	
4	Ross-on-Wye ...	994.8	-4	Z	5	r	54	45	7	1	-	1	2	3	4	1000	997.3	+2	Z	4	rr	47	75	8	8	-	-	10	10	2500	1	*	nm	cmrmbc	cmcbm	cmcb		
5	Hartland Point	996.4	+14	Z	5	r	45	85	8	1	-	2	3	2	2500	999.2	+2	Z	6	bc	45	75	8	1	-	-	2	3	2	2500	1	4	bc	bc	bc	bc		
	Bristol ...	994.1	+2	Z	5	r	51	65	6	1	-	0	4	6	-	996.0	+1	Z	5	c	50	65	7	4	-	-	2	3	7	2500	1	*	nm	cmrmbc	cmcbm	cmcb		
	Portland Bill ...	991.5	+8	Z	4	r	46	85	7	5	-	10	10	2500	994.5	+2	Z	4	c	51	92	7	5	7	-	-	7	8	10	4000	1	3	c	c	bc	bc		
	Plymouth ...	994.2	+8	Z	5	r	52	55	8	2	7	1	2	3	7	8	1000	997.8	+2	Z	6	bc	48	65	8	7	-	-	4	6	4	4000	0	2	bc	bc	bc	bc
	The Lizard ...	995.8	+10	Z	6	r	51	75	7	8	6	-	4	6	4	2500	999.6	+1	Z	6	bc	46	75	8	6	-	-	4	6	4	2500	0	3	bc	bc	bc	bc	
	St. Mary's ...	998.2	+16	Z	7	r	47	85	7	8	4	-	7	8	9	2500	1001.7	+1	Z	6	bc	48	75	7	8	-	-	2	3	2	2500	1	4	c	bc	bc	bc	
	Guernsey ...	990.7	+16	Z	5	r	46	92	6	5	-	10	10	800	993.9	+2	Z	3	bc	48	75	6	-	1	8	0	4	6	-	2	3	rr	rr	bc	bc			
6	Pembroke ...	999.4	+4	Z	6	r	47	85	7	8	1	-	9	9	1500	1000.7	+1	Z	6	bc	46	75	7	1	1	2	3	4	6	2500	1	3	bc	bc	bc	bc		
	Holyhead ...	999.1	+4	Z	7	r	47	85	8	1	-	2	3	2	1500	1001.2	+1	Z	7	bc	45	75	8	4	-	-	1	1	1	2500	1	4	bc	bc	bc	bc		
	Chester (Sealand)	997.6	-4	Z	5	r	45	85	6	5	-	4	6	4	4000	999.0	+1	Z	4	bc	46	75	6	5	-	-	7	8	1500	0	*	nm	cmrmbc	cmcbm	cmcb			
8	Manchester ...	996.4	-10	Z	3	r	53	55	6	8	3	-	7	8	9	1000	998.3	+2	Z	5	pr	44	75	8	3	1	-	7	8	9	1500	1	*	nm	cmrmbc	cmcbm	cmcb	
10	Spurn Head ...	994.7	-2	Z	6	r	40	97	5	5	-	10	10	800	995.4	+4	Z	6	bc	41	92	6	5	-	-	10	10	1500	1	4	nm	cmrmbc	cmcbm	cmcb				
	Catterick ...	997.8	-4	Z	1	r	41	97	5	5	-	10	10	800	998.9	+1	Z	5	bc	42	92	7	8	4	-	-	4	6	7	8	1500	1	1	nm	cmrmbc	cmcbm	cmcb	
	Tynemouth ...	999.7	-2	Z	3	r	41	97	6	5	1	-	10	10	1500	999.9	+4	Z	3	bc	42	85	8	2	-	-	7	8	7	2500	1	2	bc	bc	bc	bc		
11	St. Abbs Head	999.8	+2	Z	3	r	41	92	8	2	-	7	8	10	1500	999.1	+2	Z	2	c	43	65	8	4	9	-	-	2	3	7	2500	0	2	nm	cmrmbc	cmcbm	cmcb	
	Leuchars ...	999.7	+2	Z	2	r	43	85	8	7	3	-	7	8	9	2500	999.4	+6	Z	4	c	46	55	9	7	-	-	7	8	7	2500	1	*	nm	cmrmbc	cmcbm	cmcb	
	Renfrew (Abbots L.)	1001.1	+2	Z	4	r	46	85	9	8	-	7	8	7	8	1000	1001.6	+6	Z	4	bc	44	65	9	8	-	-	4	6	4	1000	1	*	nm	cmrmbc	cmcbm	cmcb	
	Eskdalemuir ...	998.8	-2	Z	4	r	46	75	8	7	-	7	8	7	8	2500	999.6	+6	Z	3	bc	41	65	8	5	-	-	2	3	2	2500	1	*	nm	cmrmbc	cmcbm	cmcb	
	Point of Ayre ...	999.7	+2	Z	5	r	49	75	8	2	-	2	3	2	4000	1001.3	+1	Z	6	b	45	75	8	4	-	-	1	1	1	4000	0	3	bc	bc	bc	bc		
13A	Tiree ...	1004.7	0	Z	5	r	45	65	8	2	6	-	2	3	2	4000	1004.7	0	Z	5	bc	43	75	8	3	-	-	2	3	2	2500	0	5	bc	bc	bc	bc	
13B	Stornoway ...	1003.5	-2	Z	6	r	44	65	8	2	6	-	2	3	2	4000	1005.7	+1	Z	5	c	41	65	8	7	-	-	4	6	9	2500	1	2	bc	bc	bc	bc	
15	Dalwhinnie ...	1001.5	-2	Z	5	r	42	55	8	8	4	-	4	6	7	8	1000	1001.5	+8	Z	3	bc	38	65	8	6	-	-	7	8	9	4000	1	*	nm	cmrmbc	cmcbm	cmcb
	Aberdeen ...	999.1	-2	Z	4	r	44	75	8	8	3	-	9	9	2500	999.1	+1	Z	5	bc	39	92	8	8	-	-	4	6	4	2500	1	1	nm	cmrmbc	cmcbm	cmcb		
	Wick ...	998.6	-2	Z	4	r	45	75	8	7	4	-	4	6	7	1500	1000.0	+6	Z	5	bc	41	75	8	8	-	-	1	2	3	1500	1	2	nm	cmrmbc	cmcbm	cmcb	
	Lerwick ...	1005.7	-8	Z	4	r	41	92	8	8	7	-	7	8	9	1500	996.1	+2	Z	6	bc	38	92	8	7	-	-	7	8	9	1500	1	*	nm	cmrmbc	cmcbm	cmcb	
17	Blacksod Point...	1008.7	+6	Z	5	r	49	65	8																													

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 27th March, 1940.
1 S.E. England	Wind northwest to north, moderate to fresh, strong locally on East Coast, moderating slowly; considerable bright intervals, occasional showers inland by day, and more frequent showers on East Coast; cold with frost locally inland tonight.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind north, moderate to fresh, strong locally on coasts, moderating slowly; considerable bright periods and occasional showers; cold with frost locally in sheltered places inland tonight.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind north, fresh, strong to gale on coasts, moderating slowly; frequent wintry showers of snow, sleet and hail in North Scotland including Orkney and Shetland, and along the East Coast; occasional showers elsewhere, with considerable bright intervals; cold with frost locally in sheltered places inland tonight.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind north, moderate to fresh, strong on North Coast, moderating; considerable bright periods; occasional showers, more especially in the north; cold, with frost inland tonight.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A deep depression centred over Denmark is moving away northeastwards and pressure is high on the Atlantic. A cold northerly air stream will persist over the British Isles. There will be bright periods in most districts more especially in the south and west, but also occasional showers, which, however will be more frequent and of a wintry type in North Scotland and on exposed parts of the East Coast. It will be rather cold generally; frost will occur locally inland tonight.

FURTHER OUTLOOK.

Cold northerly winds persisting, but less strong; more widespread night frost.

GALE WARNING.

Gale Warning Issued on 26th at 1435 in districts 7, 8, 12, 13A, 13B, 18 & 19.
Gale Warning Issued on 26th at 1930 in districts 15 & 16.

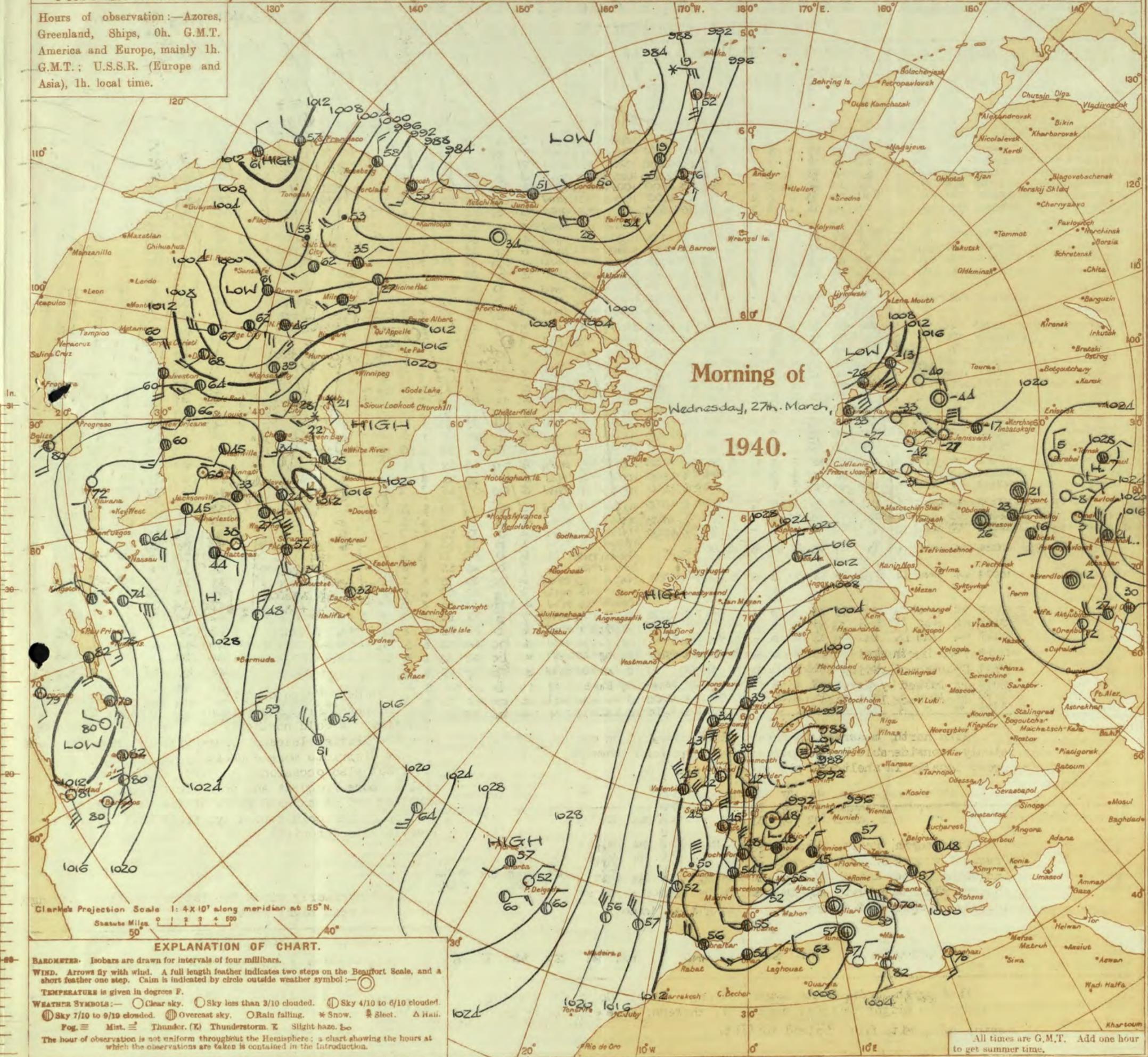
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

Forecasts issued at 1030 G.M.T.

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

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.



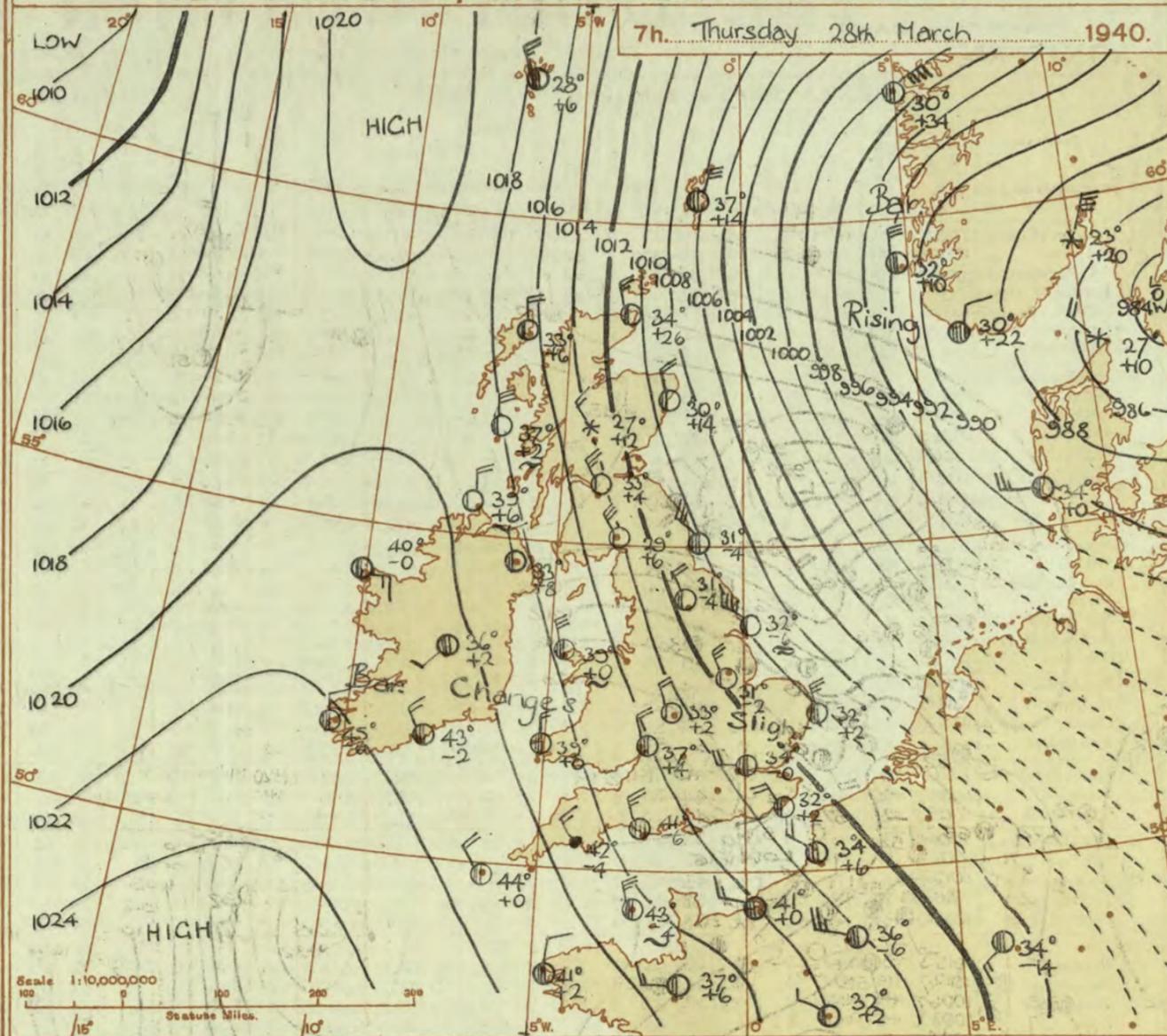
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Thursday 28th March 1940.
No. 28616.

OBSERVATIONS at 13h. G.M.T. 27th March														OBSERVATIONS at 18h. G.M.T. 27th March														PAST 24 HOURS.									
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				State of Ground.	Sea. 0-9	WEATHER.									
				Dirac.	Force.					Form.	Amount.	Height of Base. (feet)	Dirac.			Force.	Form.					Amount.	Height of Base. (feet)	7h.—13h. 27th.	13h.—18h. 27th.			18h.—27th 1h.—28th	1h.—7h. 28th.								
																														Low.	Med.	High.	Low.	Med.	High.	Low.	Med.
1	London (Kew)...	1007.7	+16	NNW	4	c	46	35	7	2	-	-	7-8	7-8	4000	1011.6	+30	NNW	4	c	43	65	6	5	-	-	9	9	2500	2	*	bmbc	bey,pr,cy	cbe,bz,y	bbc		
	Croydon ...	1007.6	+18	NW	4	bc	46	45	7	2	-	-	4-6	4-6	2500	1010.4	+20	NNW	3	z	45	55	6	2	6	-	-	7-8	7-8	2500	1	*	bey	bcc,zoy	c,z,y,bz	bzbbcc	
	S. Farnborough	1008.4	+18	NW	4	bc	47	35	8	2	-	-	4-6	4-6	4000	1011.6	+22	NNW	4	bc	45	45	7	1	-	-	2-3	2-3	4000	1	*	bmbc	bcc,pr,cy	bey,yb	bey,cg,c		
	Boscombe Down	1005.6	+18	NNW	5	bc/pr	43	65	8	8	-	-	4-6	4-6	4000	1012.9	+22	NW	3	bc	43	45	8	1	-	-	2-3	2-3	4000	0	*	bbe	bc	b,bz	bcc		
	Calshot (Soton.)	1008.6	+18	NNW	4	bc	47	35	8	1	-	-	4-6	4-6	2500	1012.1	+20	NNW	4	b	45	55	8	1	-	-	1	1	4000	1	2	bbcy	bey,by	b,y,bz	bcc		
	Lymyne	1007.2	+18	NNW	4	c	45	45	8	2	-	-	7-8	7-8	2500	1010.7	+22	NNW	4	c	44	45	8	1	-	-	7-8	7-8	4000	1	2	bccbcy	bey,yp	bey,pr,cy	bcc,pr,cy		
	Manston	1006.5	+26	NW	5	bc	46	65	7	1	-	-	4-6	4-6	1500	1005.6	+24	NW	4	c,ip	42	65	8	3	-	-	7-8	7-8	1500	0	*	cm,cbc	pr,c,ip	cpr,cz	c,z,c,ps		
2	Shoeburyness ...	1007.4	+20	NNW	4	bc	47	45	8	1	-	-	4-6	4-6	2500	1010.3	+30	N	4	bc	42	65	8	7	-	-	4-6	4-6	2500	1	*	bc	bc	cpr,bc	cbe		
	Felixstowe ...	1005.6	+26	NW	5	c	46	55	8	2	-	-	7-8	7-8	2500	1009.0	+16	NW	5	bc	41	65	8	5	4	-	-	4-6	4-6	2500	1	3	pr,cy	bc	bcc,pr,ts	bcc,ps	
	Gorleston ...	1003.0	+20	NNW	6	c	41	75	7	8	-	-	7-8	7-8	2500	1007.6	+40	NNW	3	c,pr	37	85	7	8	-	-	7-8	7-8	2500	1	3	cpr,hq	cpr,hq	cpr,hq	bcc,ps		
	Mildenhall ...	1003.5	+12	NW	5	c	46	55	8	8	-	-	7-8	7-8	4000	1005.9	+32	NNW	3	c,pr	41	65	8	8	7	-	-	5	9	4000	0	*	bc,yc	cy,pr	cir,pr	cpr,ps	
	Cranwell ...	1006.6	+14	NNW	5	c	45	45	8	2	-	-	9	9	2500	1010.3	+22	NNW	4	c	41	55	8	5	-	-	7-8	7-8	7200	1	*	bccy	bc,pr,ay	cy,pr,ay	cpr,ay		
3	Birmingham	1003.5	+18	NNW	4	bc	44	45	8	7	-	-	4-6	4-6	2500	1012.8	+20	NW	4	bc	41	45	8	2	-	-	4-6	4-6	2500	1	*	bbc	bcc,pr	bc	bcc,ps		
	Upper Heyford	1008.7	+14	NNW	4	bc	43	45	7	8	-	-	4-6	4-6	2500	1012.4	+24	NW	5	b	42	55	7	2	-	-	1	1	2500	1	*	bcczbc	bey,by	b,bb	b,bb		
4	Ross-on-Wye ...	1011.2	+20	N	4	bc/pr	43	45	3	2	-	-	4-6	4-6	4000	1013.9	+16	NNW	3	bc	42	45	3	4	-	-	2-3	2-3	4000	1	*	bcc,pr	bey	bey,by	coc		
5	Hartland Point	1013.8	+28	N	5	bc	42	55	8	2	-	-	4-6	4-6	1500	1016.6	+18	N	6	bc	43	65	8	3	4	-	-	4-6	4-6	2500	0	4	bccy	bcc,bc	bcc,pr	phr,c	
	Bristol ...	1010.7	+22	NNW	4	bc	46	45	8	7	-	-	4-6	4-6	1500	1014.3	+20	NW	4	bc	44	45	8	4	-	-	2-3	2-3	4000	1	*	bccy	bey,by	bey,bb	bcc,q		
	Portland Bill ...	1010.2	+20	NW	4	c	47	92	8	5	4	-	-	4-6	9	4000	1013.1	+20	N	4	bc	45	92	8	5	-	-	4-6	4-6	4000	1	3	bcc	bc	bcc	bcc	
	Plymouth ...	1012.8	+26	NW	6	bc	46	45	9	2	-	-	4-6	4-6	2500	1016.2	+26	NNW	7	bc	44	55	9	2	-	-	2-3	2-3	2500	1	2	bcc,pr	bey	y,bb	bcc		
	The Lizard ...	1014.3	+16	NNW	5	bc	45	65	8	6	-	-	4-6	4-6	2500	1017.6	+16	NNW	6	bc	44	65	8	6	-	-	4-6	4-6	2500	0	3	cpr,ts	bc	bc	bcc		
	Scilly (St. Mary's)	1013.4	+30	NW	5	bc	47	55	8	4	3	-	-	2-3	4-6	2500	1018.5	+14	N	5	bc	46	55	8	8	-	-	4-6	4-6	2500	0	3	cpr,ts	bey	bcc	bcc	
	Guernsey ...	1010.9	+20	NW	5	b	49	55	8	1	-	-	1	1	2500	1014.0	+20	NNW	4	b	45	55	8	1	-	-	4-6	4-6	2500	1	4	b,cb	b	b	bcc		
6	Pembroke ...	1014.6	+16	N	6	cq	44	75	7	8	-	-	7-8	7-8	1500	1017.7	+8	NNE	6	bey	43	65	8	5	7	-	-	4-6	4-6	2500	1	3	cpr,hq	bc,pr	bcc,q	pr,cq	
7	Holyhead ...	1013.5	+26	NNW	7	bc	44	65	8	2	-	-	4-6	4-6	2500	1016.2	+18	NNW	7	c	42	55	8	8	-	-	7-8	7-8	2500	1	4	pr,ts	ybc	y,bb	cbe		
	Chester (Sealand)	1011.7	+22	NNW	6	bc	44	55	9	7	-	-	2-3	2-3	2500	1013.6	+8	NNW	7	c	42	55	7	8	-	-	7-8	7-8	1500	0	*	bcc,pr	bey	bey	bcc,pr		
8	Manchester ...	1003.6	+16	NNW	5	e	45	45	8	2	-	-	7-8	7-8	2500	1012.0	+18	NW	4	bc	41	55	8	2	-	-	2-3	2-3	2500	1	*	bey,by	bey	bey,by	bcc		
10	Spurn Head ...	1002.0	+8	NW	8	oq	41	75	8	5	-	-	10	10	1500	1008.1	+20	NW	7	cq	41	65	8	2	6	-	-	4-6	7-8	2500	0	5	cpr,q	cq	bcc,q	bcc	
	Catterick ...	1007.7	+22	NW	5	c	44	55	8	8	-	-	7-8	7-8	2500	1010.1	+10	NNW	3	c	41	55	8	3	-	-	4-6	7-8	4000	1	4	bcc,pr	cy,by	bey,bb	bcc		
	Tynemouth ...	1005.7	+24	N	8	c	41	65	8	2	-	-	7-8	7-8	2500	1009.9	+12	N	6	bc	39	65	8	2	-	-	4-6	4-6	2500	1	4	bcc,pr	cpr,ts	bc	bcc		
11	St. Abbs Head	1006.4	+16	NNW	7	bcc	38	65	8	2	6	-	-	4-6	4-6	2500	1008.8	+8	N	8	bcc	36	65	8	3	-	-	2-3	2-3	2500	0	5	cq	ps,pr	bcc	bcc	
	Leuchars ...	1008.7	+14	NW	5	bc	42	85	9	8	-	-	4-6	4-6	4000	1010.7	+10	NW	6	b	36	65	9	1	-	-	1	1	4000	1	*	cbe	bcc	bby	bcc		
	Reitrew (Abbots L.)	1012.3	+14	N	3	bc	43	45	9	8	-	-	4-6	4-6	4000	1013.8	+14	NW	5	b	38	55	9	2	6	1	-	-	1	1	4000	0	*	bcc,pr	bey,by	byb	bcc
	Eskdalemuir ...	1010.3	+20	N'E	5	c	38	55	9	8	-	-	9	9	2500	1011.6	+12	NW	3	bc	36	45	9	8	-	-	4-6	4-6	2500	1	*	bcc,pr	bey,by	bey,by	bcc		
	Point of Ayre ...	1013.0	+20	NW	6	bc	45	65	8	7	-	-	2-3	2-3	4000	1015.0	+18	NW	7	bc	41	65	8	8	-	-	4-6	4-6	4000	0	4	bcc	bc	bcc	bcc		
13A	Tiree ...	1015.3	+8	NNW	6	c	36	65	7	3	-	-	7-8	7-8	2500	1017.5	+4	N	7	bc	39	55	8	8	-	-	4-6	4-6	2500	0	5	bcc,pr	bc	bc	bcc		
13B	Stornoway ...	1012.7	+14	NW	4	c	34	92	8	6	-	-	7-8	10	4000	1014.1	+8	NNW	5	c	28	92	7	9	-	-	9	9	800	1	3	bcc,pr	cis,sh	c,pr	bcc,pr		
15	Dalwhinnie ...	1012.7	+14	NW	4	c	34	92	8	6	-	-	7-8	10	4000	1014.1	+8	NNW	5	c	28	92	7	9	-	-	9	9	800	1	3	bcc,pr	cis,sh	c,pr	bcc,pr		
	Aberdeen ...	1006.7	+10	NNW	7	ps	38	85	8	9	-	-	7-8	7-8	2500	1009.0	+12	NNW	5	ps	32	85	7	9	6	-	-	4-6	4-6	2500	1	3	bcc,pr	bey,by	bey,by	bcc,pr	
	Wick ...	1008.2	+8	NNW	8	ps	35	85	7	8	7	-	-	4-6	9	800	1003.5	+8	NNW	8	ps	29	97	7	9	8	-	-	7-8	9	450	4	3	pr,ts	ps,sh	ps,sh	bcc,pr
16	Lerwick ...	1002.3	-2	NNW	7	ps	3																														

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th March, 1940.
1 S.E. England	Wind northwest moderate to fresh, strong locally on coast, moderating slowly; occasional wintry showers of hail or snow, more frequent on east coast; cold, with sharp frost inland tonight, severe locally.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind northwest to north moderate to fresh, backing slowly and decreasing; considerable bright periods and occasional showers; cold with frost inland tonight, sharp locally.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Wind northwest fresh to strong, gale at times on coast, moderating slowly; bright intervals and wintry showers of snow or hail, especially near coast; cold, with sharp frost inland tonight, severe locally.
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 north moderate to fresh, becoming variable light, then southwest light; occasional wintry showers today; more general rain, with snow locally, spreading from the West tomorrow; cold with sharp frost inland tonight; becoming warmer.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind northwest light to moderate, backing slowly to west to southwest moderate, fresh on coasts; occasional showers today and considerable bright periods; dull tomorrow with hill fog, and rain spreading from the West; cold, becoming warmer.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A deep depression centred over South Sweden is moving slowly northeastwards and filling up. A ridge of high pressure just west of the British Isles is moving slowly eastwards, followed by a frontal trough of low pressure. There will be considerable bright periods and occasional showers in the south and west, and more frequent wintry showers of snow and hail in North Scotland and near the east coast of Scotland and England. More general rain will spread over Ireland tomorrow, and rain or snow over West Scotland. It will be cold generally with sharp frost tonight in Scotland, Wales and England, temperatures will rise slowly in the West.

FURTHER OUTLOOK.

Rain spreading slowly from the West, with sleet or snow locally.

Forecasts issued at 1030 G.M.T.

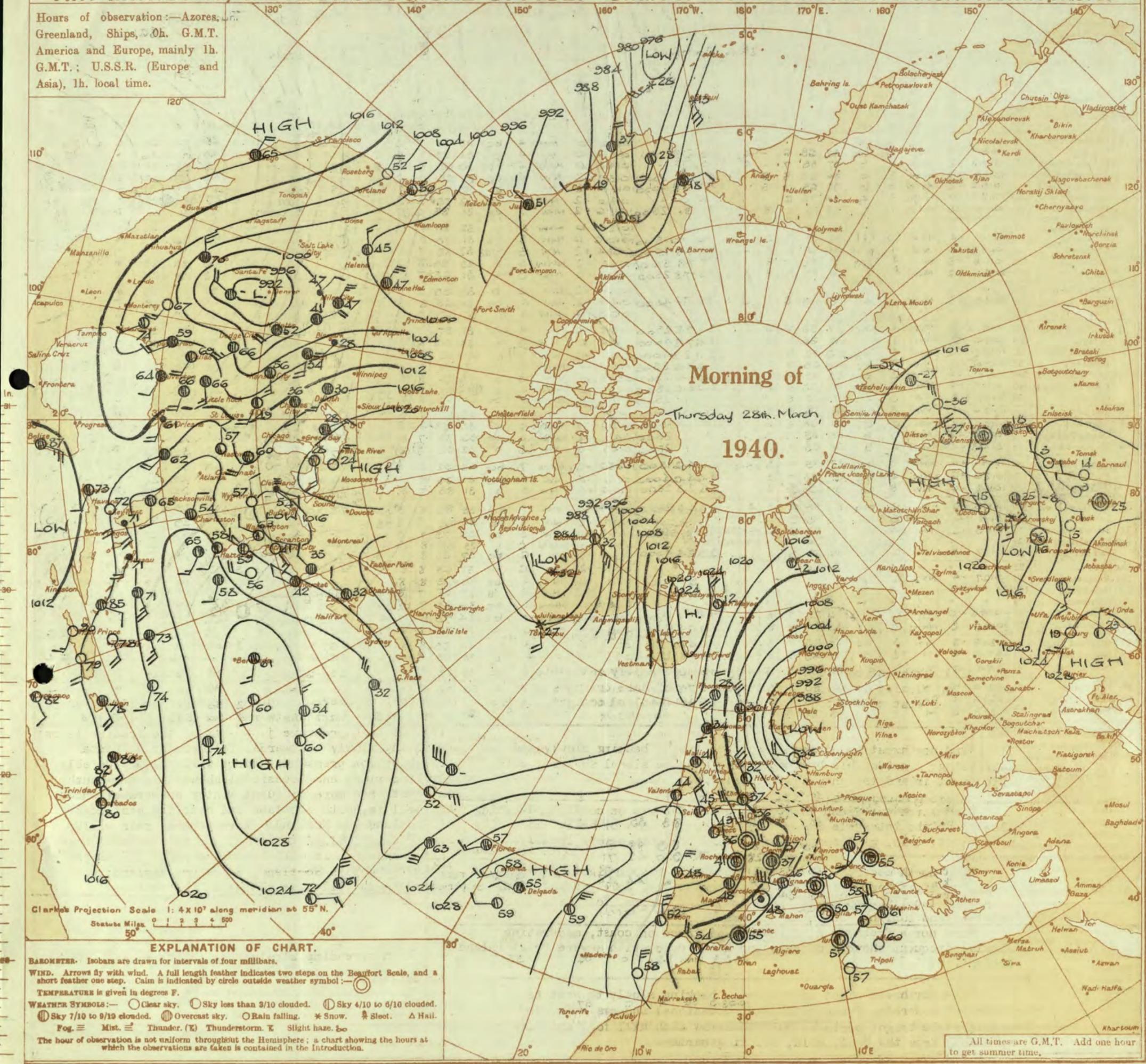
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

4376/3853, H.B.105 E.4626, W.P.P. 16500 3/40

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.



Morning of
Thursday 28th. March,
1940.

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

EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

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

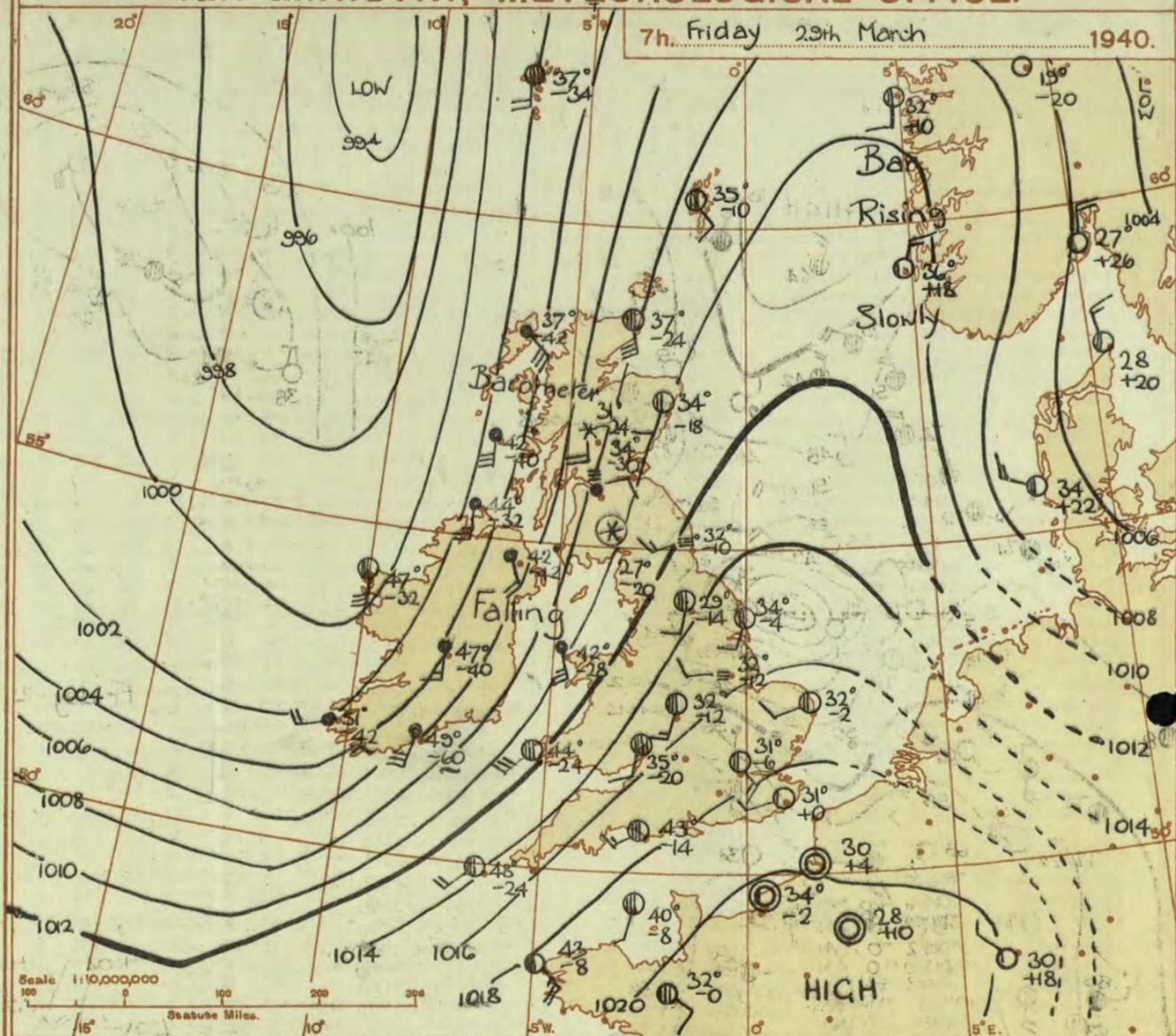
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 28th March															OBSERVATIONS at 7 hr. G.M.T. 28th March															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.			
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Form.	Amount.			Height of Base (feet).	Dir.					Force.	Form.	Amount.	Height of Base (feet).	Max. Day 7h-18h °F.			Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.					
1	London (Kew)	18	1013.4	-2	W	4	b	37	65	6	4	1	2	3	1013.4	0	W	4	b	35	65	7	5	4	4	4	2	48	34	28	Tr	0	9.7						
	Croydon	217	1014.3	-2	NW	4	b	37	55	7	4	1	0	2	1014.2	0	NW	4	b	34	65	8	5	3	3	4	48	33	30	0.2	Tr	9.1							
	S. Farnborough	226	1014.3	-2	NW	4	b	34	65	8	4	1	0	0	1015.5	+2	NW	4	b	36	65	8	2	2	1	10	46	33	29	Tr	Tr	10.6							
	Boscombe Down	417	1015.2	+2	NW	3	b	39	65	7	5	1	0	0	1014.4	+2	NW	4	b	38	75	8	8	1	1	7	47	35	31	Tr	Tr	10.1							
	Calshot (Stmnt.)	8	1015.2	+2	NW	3	b	34	75	6	8	1	0	0	1013.0	+2	NW	4	b	32	75	8	2	2	2	2	47	31	20	Tr	Tr	8.7							
	Lympne	346	1012.8	0	NW	3	b	38	75	6	8	1	0	0	1011.6	+2	NNW	6	b	31	85	6	9	1	1	7	47	31	31	Tr	Tr	7.9							
	Manston	154	1011.5	-2	NW	4	b	38	75	6	8	1	0	0	1011.6	+2	NNW	6	b	31	85	6	9	1	1	7	47	31	31	Tr	Tr	7.9							
2	Shoeburyness	11	1011.3	+4	NW	4	b	33	97	5	9	1	10	10	1010.6	0	NNW	5	b	31	75	9	4	1	1	2	48	30	27	Tr	Tr	5.7							
	Felixstowe	15	1011.3	+4	NW	4	b	34	85	8	8	1	7	8	1009.4	+2	NW	5	b	32	85	8	2	1	1	7	48	28	25	Tr	Tr	4.9							
	Gorleston	5	1009.5	0	NW	4	b	34	92	7	8	1	7	8	1011.3	-2	NW	5	b	29	85	8	2	1	1	1	49	28	25	Tr	Tr	4.9							
	Mildenhall	19	1011.6	+8	NW	4	b	34	92	7	8	1	7	8	1011.3	-2	NW	5	b	29	85	8	2	1	1	1	49	28	25	Tr	Tr	4.9							
	Cranwell	240	1012.1	+6	NW	4	b	34	75	5	8	3	4	6	1012.0	-2	NW	5	b	31	65	7	5	4	1	1	48	29	24	Tr	Tr	8.2							
3	Birmingham	535	1014.5	+2	NW	4	b	35	65	8	5	1	Tr	Tr	1014.4	+2	NW	4	b	33	55	6	5	1	1	0	45	33	28	Tr	Tr	8.6							
	Upper Heyford	408	1014.5	+2	NW	4	b	35	65	8	5	1	Tr	Tr	1014.4	+2	NW	4	b	33	65	8	5	3	1	1	47	31	28	Tr	Tr	8.6							
	Ross-on-Wye	223	1014.5	+2	NW	4	b	37	65	7	5	1	Tr	Tr	1016.3	+4	NNW	4	b	37	65	7	5	1	1	1	48	35	29	Tr	Tr	9.0							
5	Hartland Point	299	1013.0	-2	NNW	4	b	42	65	8	3	2	2	3	1018.8	+6	N	4	b	38	97	7	6	2	1	1	44	36	37	Tr	Tr	7.0							
	Bristol	209	1017.0	-2	NNW	5	b	38	65	8	5	3	4	6	1016.4	0	NW	5	b	38	66	8	5	3	1	1	49	36	29	Tr	Tr	8.2							
	Portland Bill	32	1016.0	+6	NW	4	b	40	92	8	4	1	2	3	1016.1	-6	NW	5	b	41	92	8	5	1	1	3	52	39	35	Tr	Tr	10.1							
	Plymouth	82	1019.6	+6	NW	2	b	40	65	8	5	1	4	6	1018.5	-4	NW	3	b	42	75	6	5	1	1	1	48	40	34	Tr	Tr	10.1							
	The Lizard	240	1021.8	+4	NW	2	b	38	75	8	8	6	4	6	1020.8	-4	NW	3	b	43	75	8	8	4	1	2	49	35	31	Tr	Tr	9.1							
	Scilly (St. Mary's)	163	1021.2	+4	NW	3	b	45	65	8	4	1	4	6	1020.7	-4	NW	4	b	44	75	8	8	4	1	2	48	43	35	Tr	Tr	9.1							
	Guernsey	175	1017.7	+8	NW	5	b	41	55	8	1	1	1	1	1017.7	0	NW	5	b	43	65	8	4	1	1	4	50	40	35	Tr	Tr	10.5							
6	Pembroke	142	1013.4	-4	NW	5	b	48	75	8	8	1	9	9	1018.7	0	N	3	b	39	85	7	8	1	1	3	47	36	31	Tr	Tr	7.4							
	Holyhead	26	1018.1	-2	NW	6	b	41	65	8	5	1	10	10	1017.3	0	NW	6	b	39	65	9	2	1	1	4	45	35	28	Tr	Tr	6.0							
	Chester (Sealand)	16	1015.2	+2	NW	6	b	38	45	7	5	1	1	1	1016.1	+2	NNW	5	b	36	75	7	8	5	1	1	45	35	28	Tr	Tr	6.0							
	Manchester	70	1014.3	+4	NW	4	b	34	65	7	5	1	1	1	1014.9	+6	NW	5	b	32	55	7	2	4	1	1	47	30	23	Tr	Tr	0.3							
10	Spurn Head	29	1008.7	+4	WNW	7	b	32	75	7	5	1	4	4	1008.2	-6	WNW	7	b	32	92	8	3	1	1	5	44	31	21	Tr	Tr	5.3							
	Catterick	175	1012.2	+6	NW	4	b	31	75	7	5	1	4	4	1011.6	-4	NW	4	b	31	65	8	9	1	1	3	45	29	21	Tr	Tr	7.5							
	Tynemouth	108	1011.2	-6	NW	5	b	31	65	7	2	1	2	3	1010.6	-4	NW	5	b	31	85	7	9	1	1	3	43	29	25	Tr	Tr	7.5							
11	St. Abbs Head	280	1008.8	-6	N	6	b	31	85	8	3	4	2	3	1008.7	0	NW	7	b	33	85	8	5	2	1	4	38	29	26	Tr	Tr	9.9							
	Leuchars	36	1011.9	-2	NW	5	b	30	75	9	1	1	0	0	1010.7	+2	NW	6	b	34	65	7	5	3	1	3	46	30	28	Tr	Tr	9.1							
12	Renfrew (Abbots I.)	19	1014.9	-2	NW	4	b	31	75	8	4	1	1	1	1015.2	+4	NW	5	b	33	75	9	5	1	1	3	42	25	21	Tr	Tr	7.1							
	Eskdalemuir	794	1015.8	-8	NW	6	b	38	75	8	4	1	2	3	1016.4	+8	NNW	6	b	37	65	8	1	3	1	4	46	36	31	Tr	Tr	10.5							
	Point of Ayre	30	1015.8	-8	NW	6	b	38	75	8	4	1	2	3	1016.4	+8	NNW	6	b	37	65	8	1	3	1	4	46	36	31	Tr	Tr	10.5							
13A	Tiree	22	1016.7	-4	NNW	6	b	34	85	7	3	1	9	9	1017.8	+2	N	6	b	37	65	8	8	1	1	5	43	35	31	Tr	Tr	7.4							
13B	Stornoway	80	1016.7	-4	NNW	6	b	34	85	7	3	1	9	9	1017.3	+6	N	6	b	38	85	8	8	1	1	2	38	29	21	Tr	Tr	4.5							
15	Dalwhinnie	1176	1016.7	-4	NNW	6	b	34	85	7	3	1	9	9	1017.3	+6	N	6	b	38	85	8	8	1	1	2	38	29	21	Tr	Tr	4.5							
	Aberdeen	79	1016.7	-4	NNW	6	b	34	85	7	3	1	9	9	1017.3	+6	N	6	b	38	85	8	8	1	1	2	38	29	21	Tr	Tr	4.5							
	Wick	81	1008.6	-10	NNW	8	b	30	92	7	5	1	7	8	1010.6	+2	NNW	5	b	34	75	8	8	4	1	2	46	26	26	Tr	Tr	5.6							
	Lerwick	156	1008.5	-2	NNW	8	b	30	85	8	7	1	4	6	1008.0	+4	NNE	6	b	37	75	8	8	7	1	2	38	28	31	Tr	Tr	2.6							
17	Blacksod Point	18	1020.6	+6	NW	3	b	42	85	8	3	1	4	6	1021.0	0	E	3	b	40	85	8	5	1	1	2	48	28	28	Tr	Tr	6.4							
	Malin Head	84	1019.3	-4	N	3	b	41	65	8	3	1	7	8	1019.9	+6	N	4	b	39	55	8	4	1	1	4	44	34	34	Tr	Tr	6.4							
	Aldergrove	268	1018.4	-6	NNW	4	b	38	55	8	5	1	10	10	1018.9	+8	NNW	2	b	33	65	8	7	1	1	1	44	33	24	Tr	Tr	7.4							
19	Birr Castle	173	1021.0	-10	N	1	b	37	85	8	5	1	7	8	1021.0	+2	SSW	1	b	36	92	8	5	1	1	48	34	31	Tr	Tr	8.9								
20	Valentia Obsy.	30	1023.6	-10	SWS	2	b	44	75	8	8	1	4	6	1022.0	-6	N	2	b	45	85	9	8	1	1	2	50												

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 29th March 1940.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th March, 1940.

1 S.E. England	Wind south moderate, increasing to fresh, strong at times on coast; becoming dull, with occasional rain this afternoon, becoming more general tonight; much hill fog; temperatures rising, approaching average tomorrow.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind south moderate to fresh, strong to gale on coast, veering southwest and moderating later; occasional rain at first, with snow on high ground, followed by more continuous rain and much hill fog; bright intervals and showers later; becoming mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind south moderate, increasing to fresh, strong on coasts; veering southwest to west later and moderating; occasional rain or snow at first; more general rain later and much hill fog followed by bright intervals and showers; rather cold, becoming warmer.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind south moderate to fresh, strong to gale on coasts, veering west to northwest moderate; rain spreading eastwards across area, with much hill fog; snow locally at first; bright periods and showers later; cold, becoming milder.
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind west moderate, backing tomorrow; bright periods and showers; average temperature.
17 N. W. Ireland	
18 N. E. Ireland	Wind south fresh to strong, veering west moderate; rain and much hill fog this afternoon; bright periods and showers later; average temperature.
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A ridge of high pressure over the North Sea is moving eastwards followed by a vigorous trough of low pressure extending from Southeast Iceland to the west coast of Eire and thence southwestwards. A wide belt of rain over the western half of the British Isles will spread eastwards to all districts, with snow at first locally in the North; this will be followed by bright intervals and occasional showers; Temperatures will be generally higher than of late.

FURTHER OUTLOOK.

Further rain spreading from the West.

Gale Warnings issued to districts 13A (part of), 13B and 17 at 2300 h. 28/3. and to districts 5 (part of), 6 (part of), 7, 8, 13A (part of), 18, 19, 20 at 0540h. 29/3.

Forecasts issued at 1030 G.M.T.

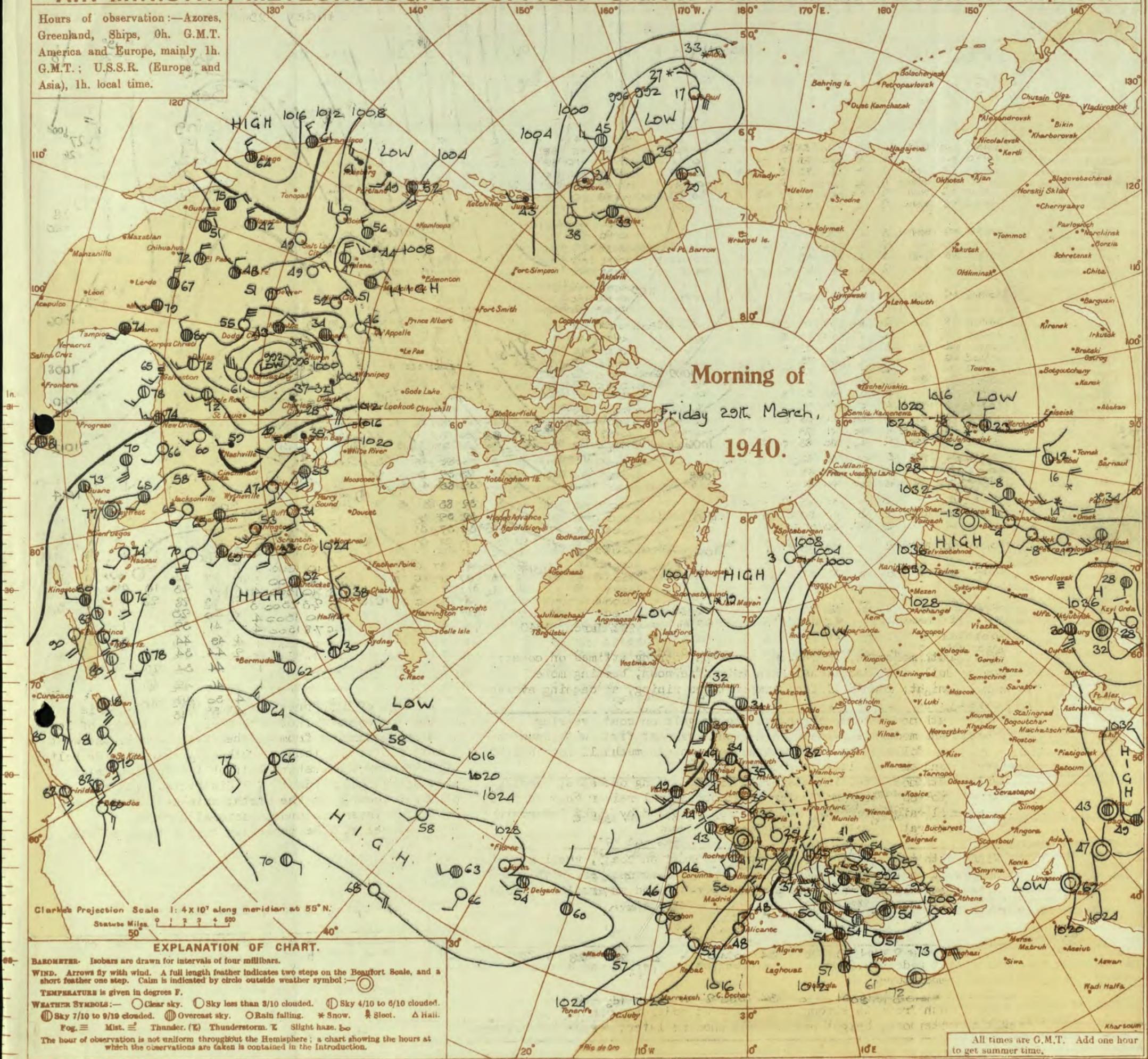
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

L 476/3935. H.M.S.O. 1940. 10/11/40 14500 3/40

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.

Main table with columns for District, Stations, Observations at 1 hr. G.M.T. 29th March, Observations at 7 hr. G.M.T. 29th March, and Past 24 Hours. Includes data for London (Kew), Shoeburyness, Birmingham, etc.

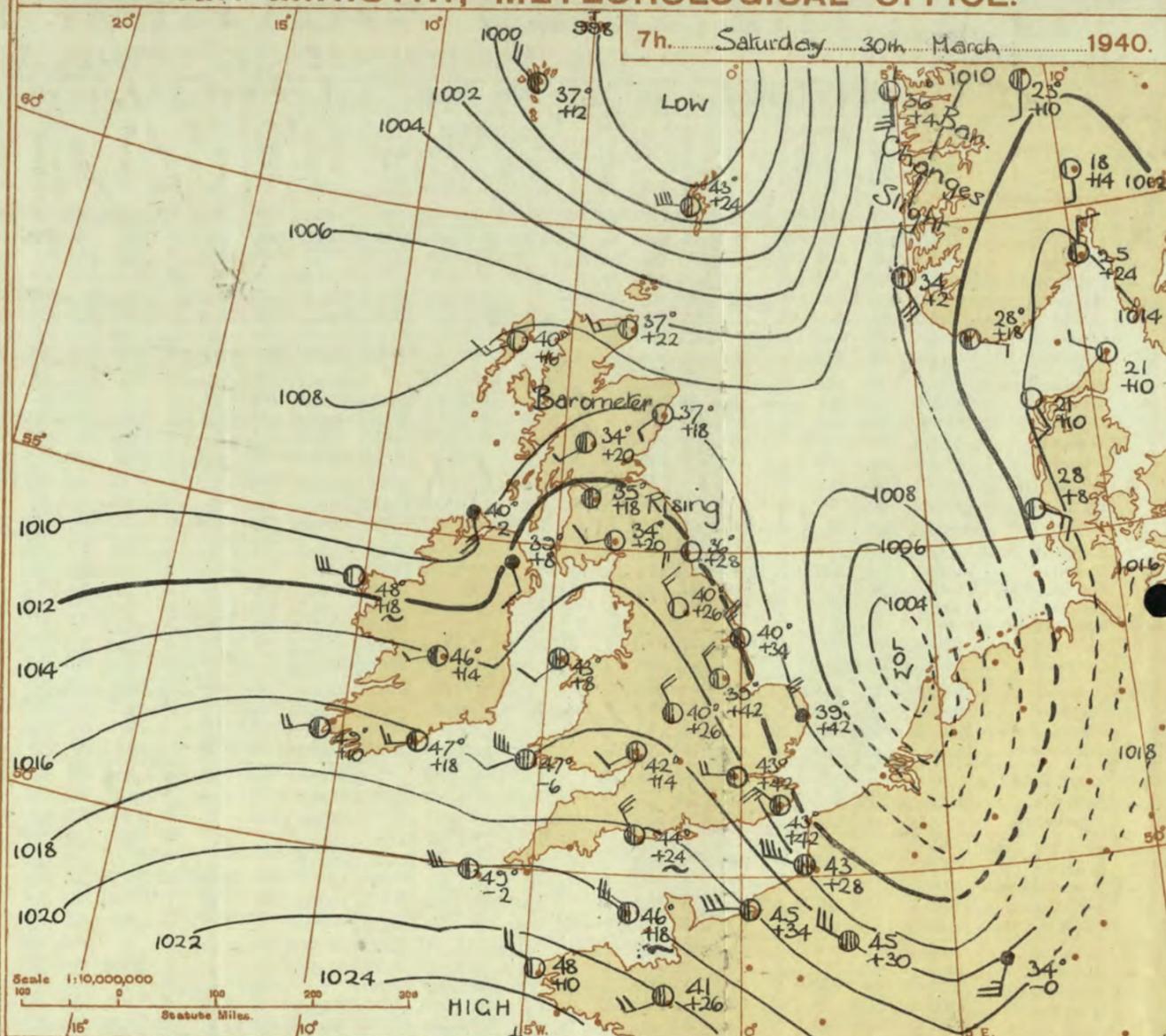
LONDON OBSERVATIONS table with columns for Day, Night, Morning, Afternoon, Night, 24 hrs. ended 9h, and station names like Kew, Croydon, Greenwich.

FOREIGN OBSERVATIONS table with columns for Stations, Barom., Wind, Weather, Temp., and locations like Paris, Brussels, Berlin, Zurich, Rome.

Atmospheric Pollution table with columns for Milligrams of Solid Impurity per cubic metre, South Kensington, and Kew Observatory.

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th March, 1940.
1 S.E. England	Moderate northwest wind backing slowly southwest; bright periods, occasional showers; a short period of rain this evening; average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind west to southwest moderate, fresh on coast; cloudy with occasional rain this afternoon followed by fair periods, but more general rain spreading from west tomorrow; average temperature.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Moderate west to southwest wind; bright periods, occasional showers, a short period of rain late this afternoon; average temperature.
9 N. Midlands ...	
10 N.E. England	As 4 - 9.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Strong west to northwest wind moderating and backing; bright periods, occasional showers of rain or sleet; rather cold.
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Moderate or fresh west wind backing south; bright periods, occasional showers; more general rain spreading from West during night.
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 trough of low pressure with centres to northeast of Shetland and over the Zuider Zee is moving east together with a feeble ridge of high pressure now over England. Further disturbances are expected to move in from the Atlantic. Weather will be rather changeable with some occasional rain or showers in all districts but also bright periods. Temperatures will be about the seasonal average.

FURTHER OUTLOOK.

West to southwest wind, changeable weather.

Warning of Northwest gale issued at 1710 G.M.T. for districts 6,7,8,12,18,19. 29/3/40.

Forecasts issued at 1020 G.M.T.

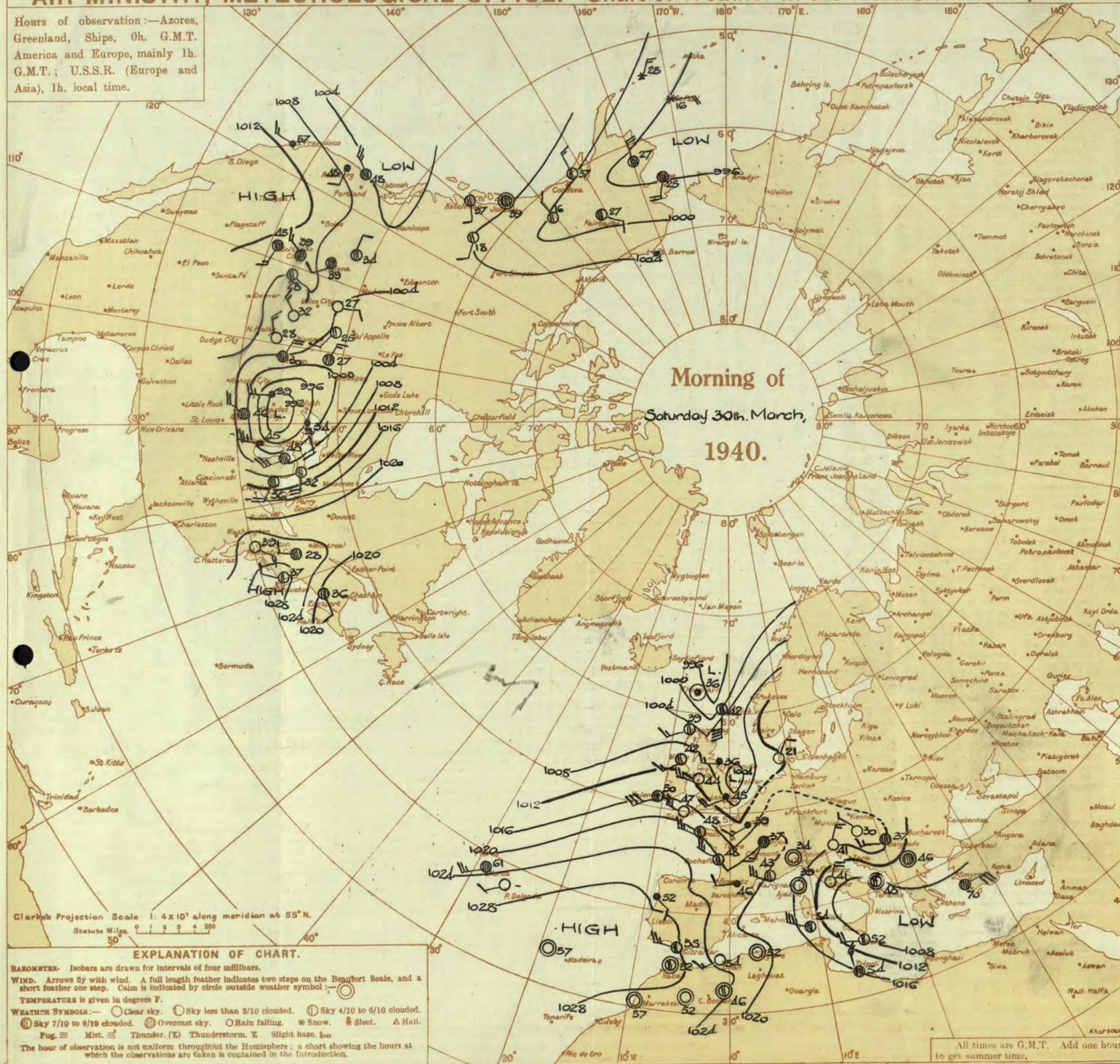
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

476,383, M.8108, 6-616, 4046, 15,500, 3740

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.



Clarke's Projection Scale 1: 4 x 10⁷ along meridian at 55° N.
Statute Miles 0 1 2 3 4 5 60

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. E Slight haze. E

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

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

THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

Main table of weather observations for 30th March, including columns for District, Stations, Barom., Wind, Temp., Humid., Cloud, and various atmospheric measurements.

LONDON OBSERVATIONS table with columns for Day, Night, Min., Max., and other weather metrics for various London locations.

FOREIGN OBSERVATIONS table with columns for Stations, Barom., Wind, Temp., Humid., and other weather metrics for Paris, Brussels, Berlin, Zurich, and Rome.

EXPLANATION OF FIGURES, LETTERS, etc. section containing detailed instructions for interpreting the data in the tables, including barometric tendency, wind scale, and visibility codes.

SECRET

Page 1.

AIR MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION Sunday 31st March 1940. No. 28619

Table with columns for District, Stations, Observations at 13h G.M.T. 30th March, Observations at 18h G.M.T. 30th March, and Past 24 Hours. Includes weather symbols and cloud forms.

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.

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.

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.

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.

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).

Cloud form abbreviations:—

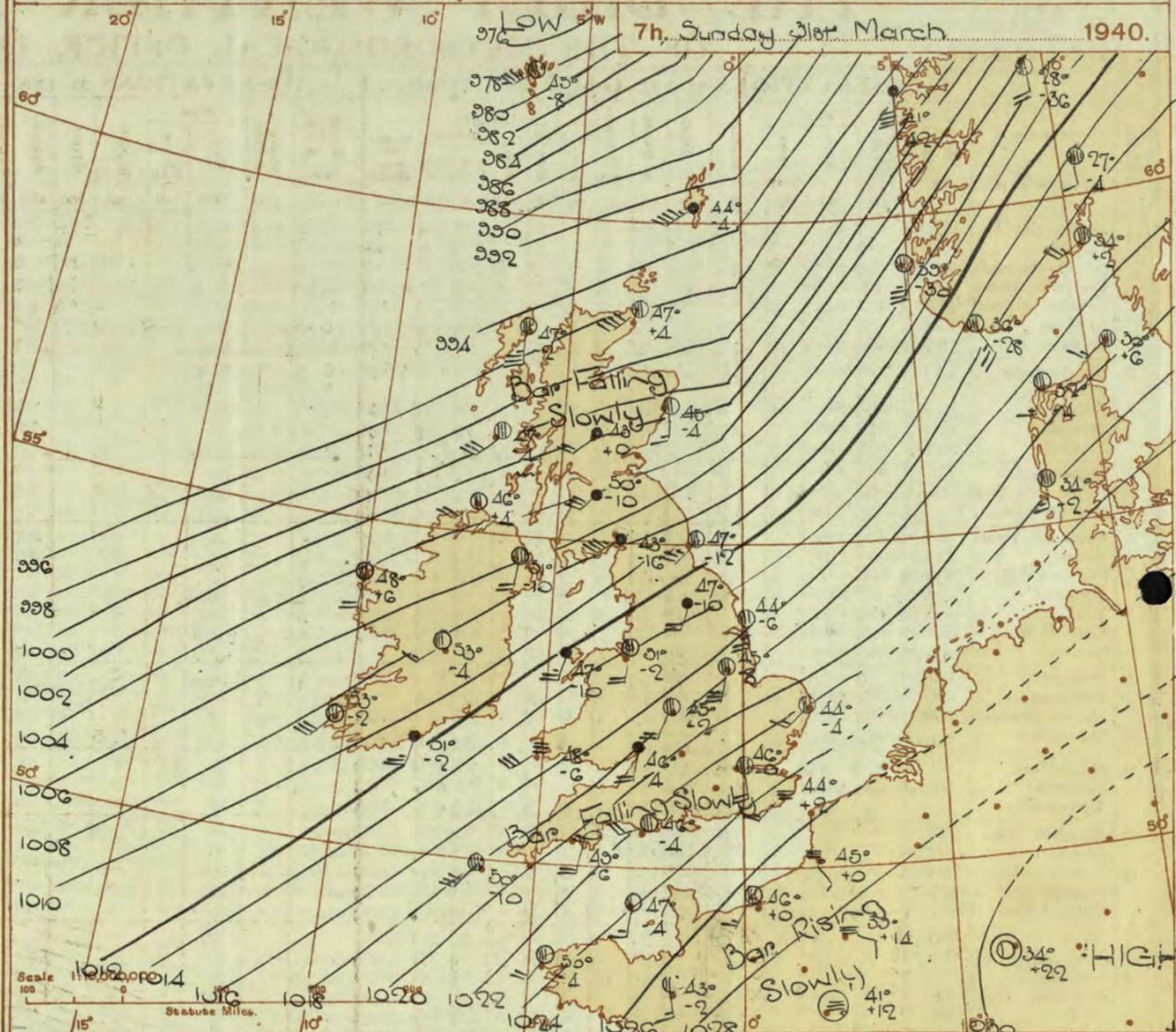
Cirrus, -Ci: Cirrocumulus, -Cc: Cirrostratus, -Cs: Altostratus, -As: Stratocumulus, -Sc: Stratus, -St: Nimbostratus, -Ns: Cumulus, -Cu: Cumulonimbus, -Cb.

COLUMN 29.—STATE OF GROUND.

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

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.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 31st March, 1940.
1 S.E. England	Fresh southwest wind; mainly cloudy but some bright intervals in East England; slight local drizzle; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Fresh southwest wind, strong to gale on coast; cloudy or dull, occasional rain or drizzle to-day; more general rain to-morrow; coast and hill fog; mild.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Fresh or strong southwest wind; cloudy, occasional slight rain or drizzle; mild.
10 N.E. England	
11 S.E. Scotland	Wind southwest to west strong to gale; cloudy or dull, rain at times; average temperature or rather mild.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	
15 N. E. Scotland	As 4 - 9.
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 intense depression near the Faeroes is moving northeastwards and will be followed by another development from northeast of the Azores. Strong to gale southwesterly winds will be experienced in all western and northern districts with occasional rain. Weather will be mainly cloudy in Southeast England. Conditions will be generally mild and coastal and hill fog will occur in the Southwest.

FURTHER OUTLOOK.

Unsettled and mild with further rain and gales in most districts.

Gale Warning.

Warning of southwest gale issued at 1645 GMT on 30/3/'40 in districts 13, 17, 20; at 1930 GMT in districts 11, 15, 16, 18, 19 and at 2305 GMT in districts 5, 6 and 7.

Forecasts issued at 1100 GMT. N. K. JOHNSON, D.Sc., A.R.C.S., Director.
 H.M.S.O. Press, Cornwall House, S.E.1.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Main table with columns for District, Stations, Observations at 1 hr. G.M.T. 31st. March, Observations at 7 hr. G.M.T. 31st. March, and Past 24 Hours. Includes sub-headers for Wind, Cloud, Temperature, Humidity, etc.

LONDON OBSERVATIONS

Table for London Observations at Kew and Crofton, including temperature, rainfall, and sunshining data.

EXPLANATION OF FIGURES, LETTERS, etc.

Table explaining the meaning of various symbols and abbreviations used in the weather report, such as wind directions and cloud codes.

FOREIGN OBSERVATIONS

Table showing weather observations from foreign stations like Paris, Brussels, Berlin, Zurich, and Rome.

TERMS OF SUBSCRIPTION

Text detailing subscription rates for single copies, monthly, quarterly, and yearly.

SOUTH KENSINGTON

Table for South Kensington observations, including atmospheric pollution and temperature data.

TERMS OF SUBSCRIPTION

Text detailing subscription rates for single copies, monthly, quarterly, and yearly.