

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.).	7h. 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.

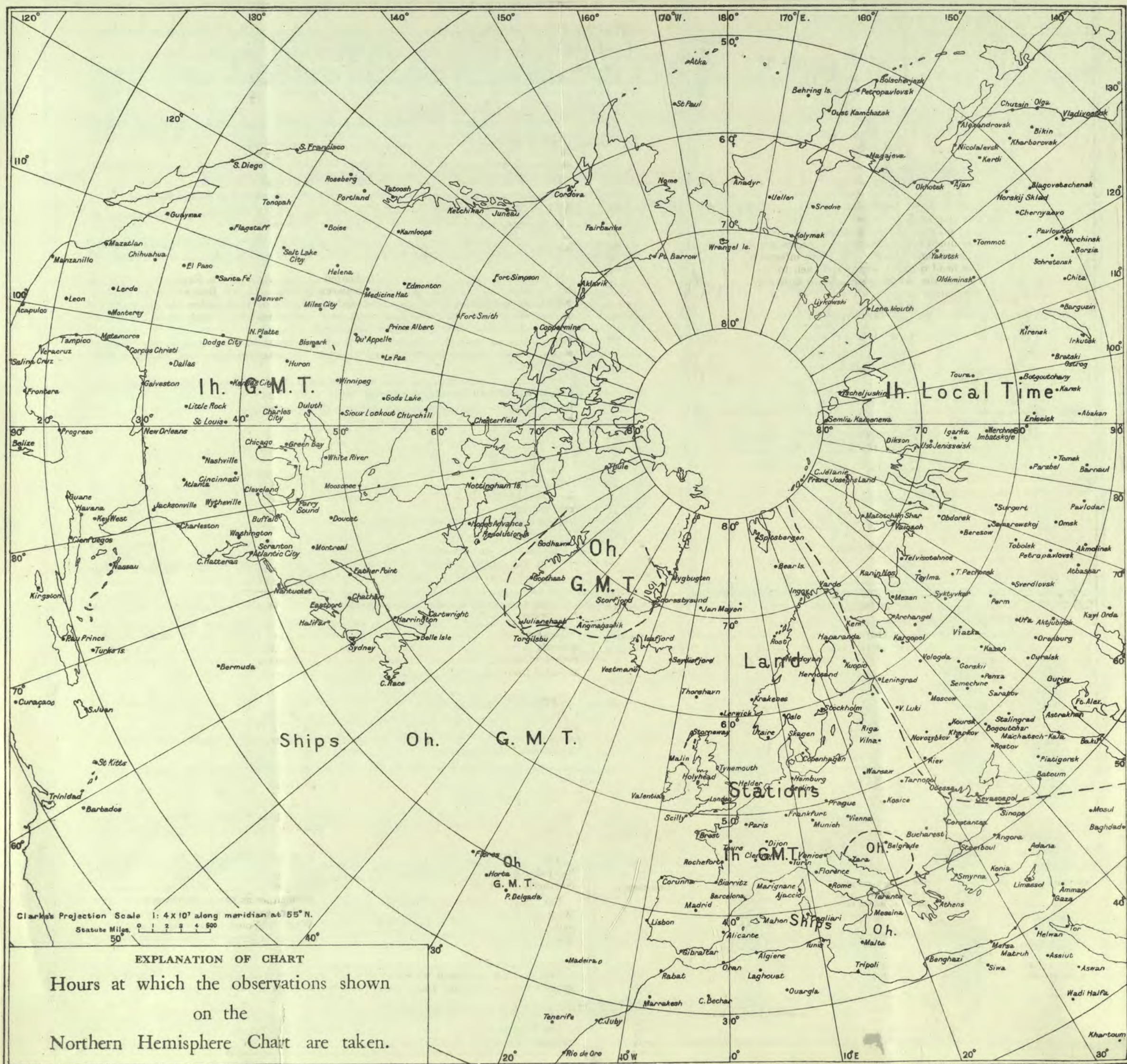
For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

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.



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

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

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

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

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

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

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

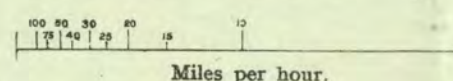
Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on page 2 of the Report and for intervals of 4 millibars on Page 3.

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

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

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

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



This scale applies under the following conditions :—

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

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

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

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

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

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

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

where x is the vapour pressure in mb.

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

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

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

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

t the dry bulb temperature ; and

 t'' the wet bulb temperature

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

DUPLICATE



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

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.

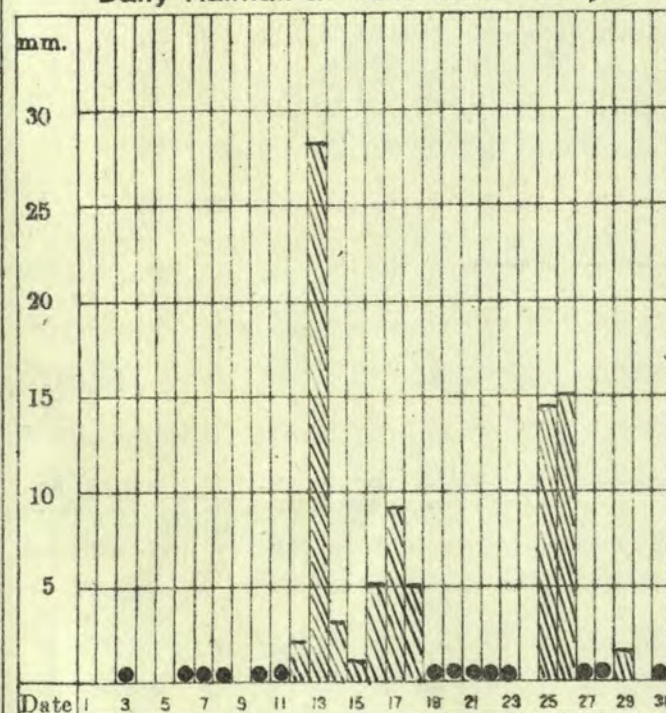
Sunshine was generally about the average but appreciable daily amounts were only recorded infrequently. During the first three days 9 to 10 hours was recorded daily in the South. On the 19th Guernsey recorded 10.7 hours, and on the 28th Ross-on-Wye 11.0 hours, Felixstowe 11.1 hours and Chester 11.4 hours.

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.

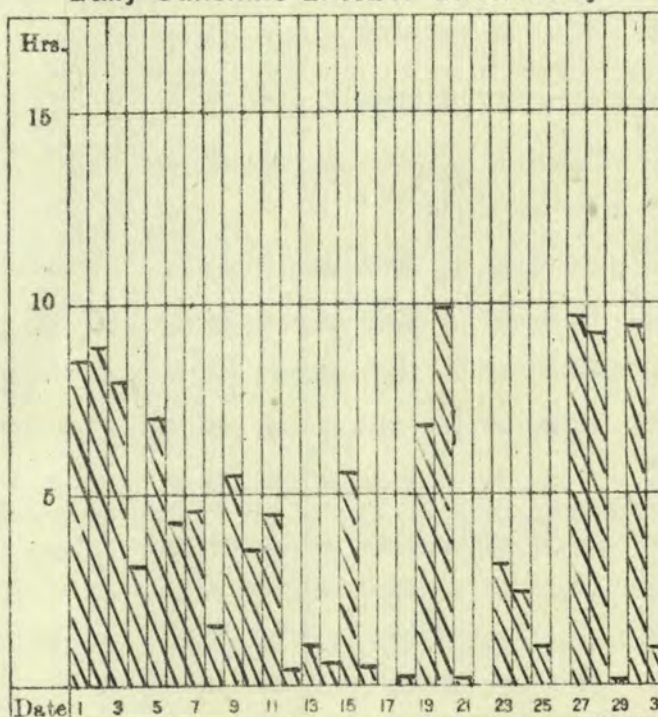
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

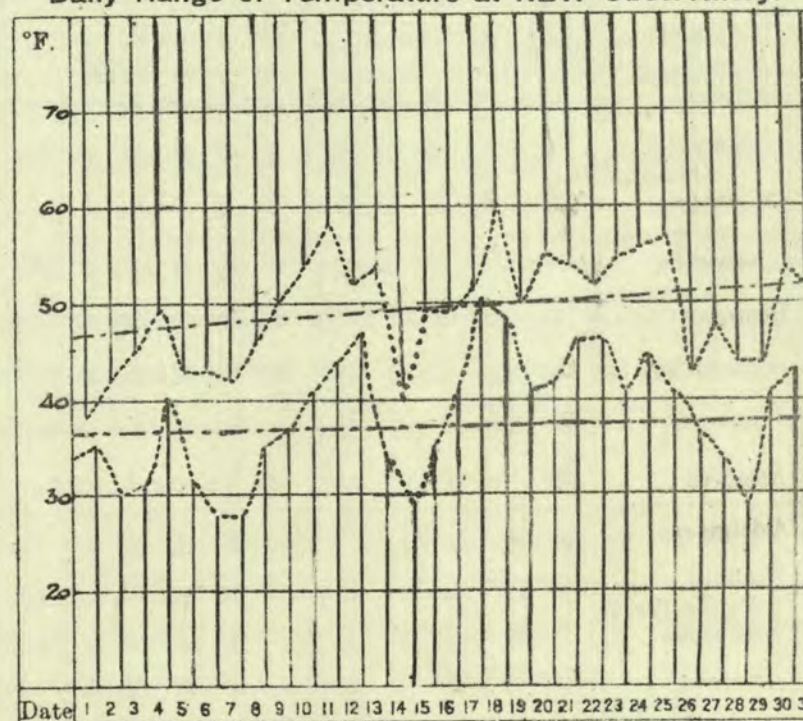
RAINFALL. Total for Month. 86 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 121 hrs.

Daily Range of Temperature at KEW Observatory.



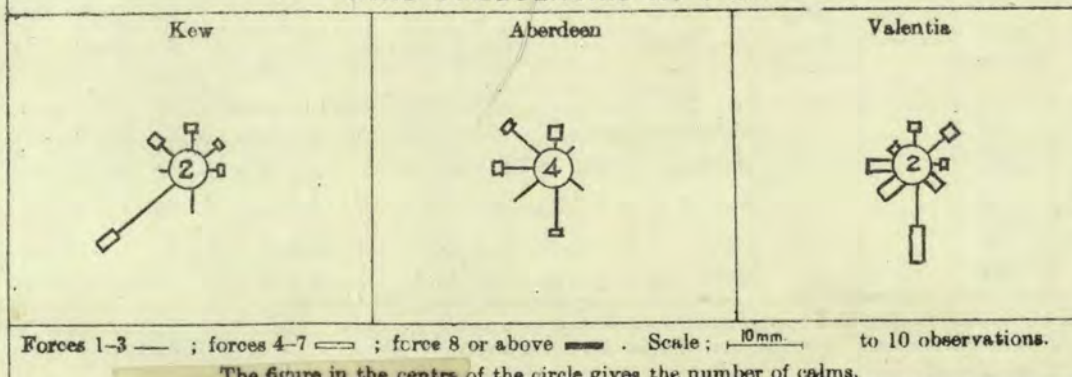
TEMPERATURE. The peaked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

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	1008.6	-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. duly corrected.
Temperature—mean of Max. and Min.

WIND FREQUENCIES AT 7 hr.



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

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

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.	Date.	Lowest Max.		Date.	Highest Min.	Date.	Lowest Min.	Date.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	
1	London (Kew Obsy).	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	
	Croydon	2	13	14	2	50.3	0	7	15	8	1	36.7	63	11	39	14	51	18	24	7	10	7	15	3	5	19	2	5	15	5	0	0	1	4	8	0	0	0	1	16	
	Calshot** (Southampton)	1	17	13	0	49.1	0	8	14	9	0	37.9	56	11	41	14	46	18	27	7	8	4	19	1	3	18	1	4	15	4	0	0	2	4	10	0	0	2	0	20	
	Lympne	5	15	11	0	47.7	0	9	17	5	0	36.2	58	18	39	14	46	18	27	15	11	9	13	0	6	19	1	5	15	4	0	3	1	1	14	0	0	3	1	22	
2	Shoeburyness	2	15	14	0	49.7	0	9	15	7	0	35.3	59	11	37	14	49	18	27	8	11	4	11	4	2	18	2	1	15	6	0	0	2	5	10	0	0	0	2	17	
	Gorleston	8	10	13	0	47.3	0	9	16	6	0	37.1	58	23	36	14	48	13	28	15	6	0	24	0	0	27	0	1	26	0	0	0	0	1	8	0	0	0	0	13	
	Cranwell	2	17	12	0	49.3	0	11	15	5	0	34.3	58	25	38	14	46	19	24	3	15	5	18	0	4	25	1	4	19	3	0	1	1	3	9	0	0	0	1	17	
3	Birmingham	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	(Edgbaston)	0	14	17	0	50.0	1	10	9	10	1	36.4	59	11	43	14	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	Ross-on-Wye	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	The Lizard	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	Holyhead	3	11	15	2	49.7	0	7	16	7	1	35.5	60	18	41	2	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	Chester (Sealand)	6	13	12	0	46.9	0	7	15	9	0	37.7	58	31	37	13	47	19	29	28	10	0	31	0	0	31	0	0	31	0	0	0	3	2	6	0	0	0	1	13	
11	Tynemouth	4	14	13	0	47.4	0	9	19	3	0	35.1	55	18, 21	22, 25	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	Leuchars	2	20	9	0	47.9	3	8	10	10	0	34.8	56	18	24	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
12	Renfrew	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	Eskdalemuir	5	25	1	0	46.5	0	8	17	6	0	36.9	61	18	38	13	45	19	31	28	14	*	2	28	1	0	31	0	2	29	0	0	0	0	29	0	0	0	0	29	
15	Stornoway	8	17	6	0	46.5	0	8	19	4	0	36.1	56	21	31	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
15	Aberdeen	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	
18	Aldergrove	1	11	16	3	49.5	0	8	16	7	0	34.9	61	31	41	13	50	18	28	14	14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
19	Dublin (Phoenix Park)	1	12	16	2	50.3	1	7	12	10	1	36.7	62	17	41	13	52	18	22	6	10	0	26	0	0	29	0	0	29	0	0	2	0	29	0	0	0	0	31		
20	Birr Castle	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	25	0	0	0	0	27		
	Valentia (Cabirciveen)																																								
UPPER AIR TEMPERATURE.												UPPER WINDS. No. of records of Velocity (km./hr.) within fixed limits.																													
Pressure. mb.	Normal Height. Feet.	MILDENHALL.				ALDERGROVE.				STATION		LYMPNE.						PLYMOUTH (Mt. Batten).						HOLYHEAD.						RENFREW.						STATION.					
		Normal Temp. °F.	Mean. °F.	No. of Reports.		Mean. °F.	No. of Reports.	Mean. °F.	No. of Reports.	Height. Metres.	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100.	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100.	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100.	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100.	Height. Metres.						
950	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	-37	-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. E. JOHNSON, D.Sc., A.R.C.S., Director.																													

SUNSHINE, RAINFALL, AND HUMIDITY MARCH 1940

Page 3.

DISTRICT.	STATIONS.	SUNSHINE.												RAINFALL.														Days with Thunder.	Days with Snow or Sleet.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		Number of Days with Duration.					Maximum Duration.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Highest and Lowest Totals on record for Month.				† Number of days with amount.	Maximum fall in 24 hrs.	Total for past 12 months.	Difference from Average.	Total for Month.†	Difference from average.	Highest and Lowest Totals on record for Month.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		Nil.	0.1—3h.	3.1—6h.	6.1—9h.	Above 9h.						Hours.	Date.	Total for past 12 months.	Difference from average.							Total for Month.	Difference from average.	First year of record.	Highest.	Year.	Lowest.			Year.	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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

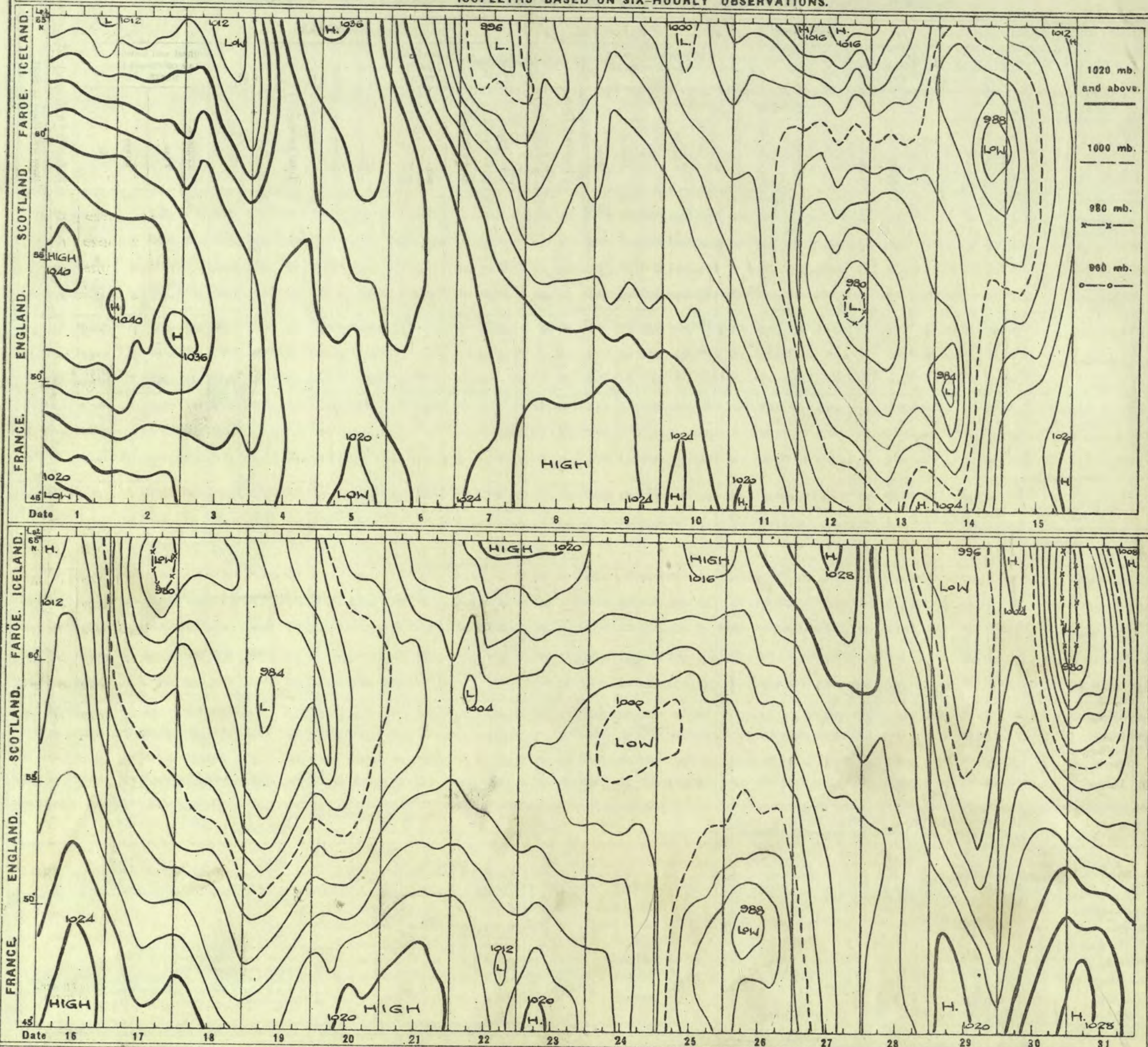
MINIMUM SURFACE HUMIDITY.											STATE OF GROUND AT 18 h.														
No. of Days (MDT. to MDT.) WITH MINIMA BETWEEN FIXED LIMITS.											No. of Days Each Type WAS RECORDED.														
STATIONS.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to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

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

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

PRESSURE: ICELAND TO GULF OF LIONS 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. 44° N., Long. 4° E., in the south.

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BR 1 SECT
Friday 1st March 1940.
No. 28589

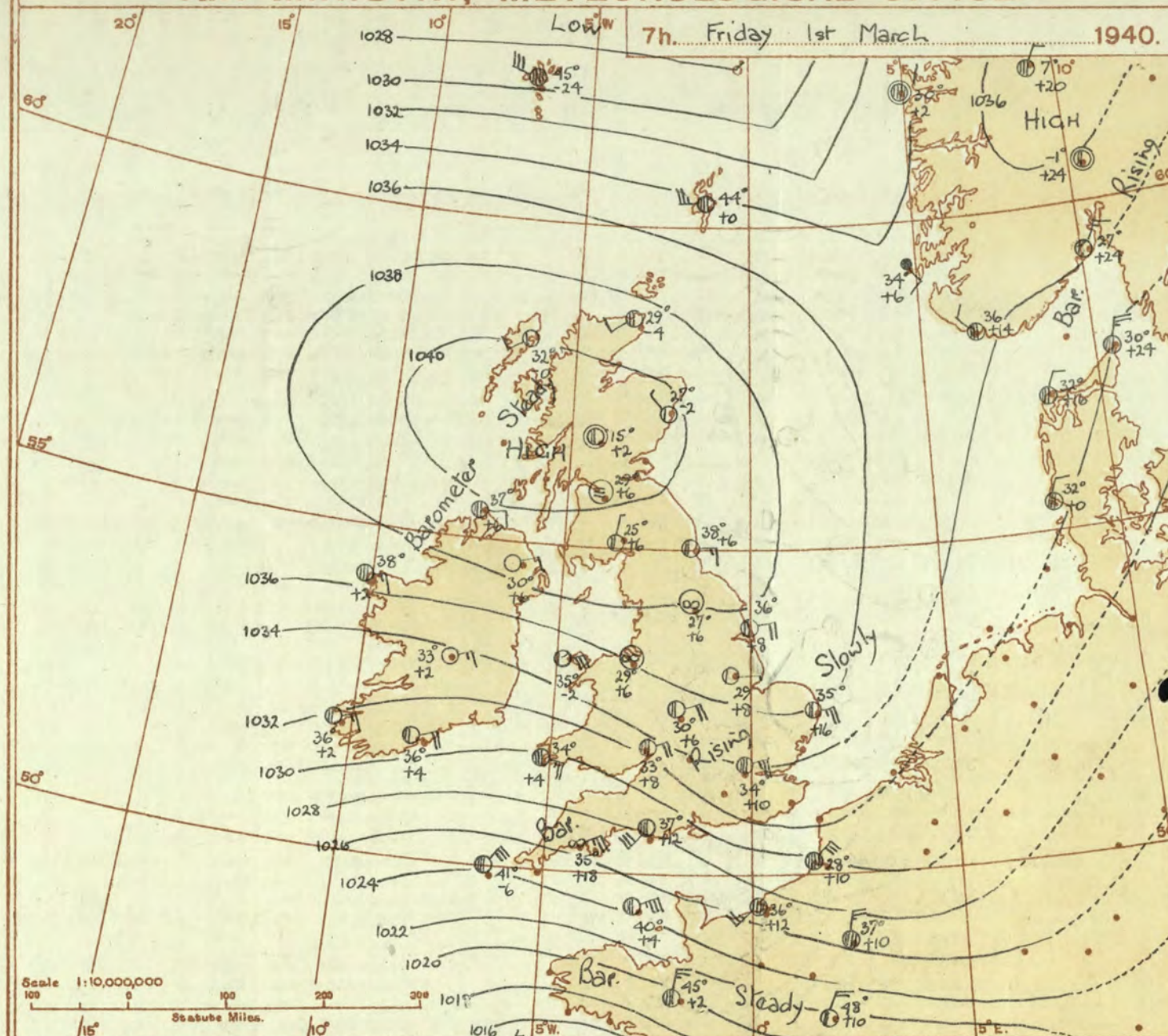
OBSERVATIONS at 13h. G.M.T. 29th February

OBSERVATIONS at 18h. G.M.T. 29th February

PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.																	
				Direc.	Force. 0-12					Low.	Med.	High			Low	Total 0-10					Height of Base. (feet)	Direc.	Force 0-12			Low.	Med.	High	Low	Total 0-10	Height of Base (feet)	7h.—13h.	13h.—18h.	18h.—24h.	1h.—7h.								
																																				Form.	Amount.	Form.	Amount.	Form.	Amount.	Form.	Amount.
1	London (Kew)...	1026.1	+10	NE	4	2	41	75	6	5	-	10	10	1500	1027.7	+20	NE	4	38	85	5	5	-	10	10	1500	1	*	cm	cm	cm	cm	cm										
	Croydon ...	1025.4	+10	NE	4	3	40	75	5	5	2	-	9	10	1500	1027.0	+14	NE	4	36	85	5	6	2	-	10	10	1500	1	*	cm	cm	cm	cm	cm								
	S. Farnborough	1025.6	+10	NE	4	4	40	75	6	5	-	10	10	1500	1026.3	+10	NE	4	37	85	6	7	-	10	10	1500	1	*	cm	cm	cm	cm	cm										
	Boscombe Down	1025.7	+22	NE	4	3	33	74	4	6	2	-	7-8	10	1500	1026.4	+10	NE	4	37	85	7	6	-	10	10	1500	1	*	cm	cm	cm	cm	cm									
	Calshot (Soton.)	1024.4	+18	NE	4	3	36	72	5	6	2	-	10	10	1500	1025.7	+10	NE	4	38	85	5	5	-	10	10	1500	1	2	cm	cm	cm	cm	cm									
	Lympne ...	1024.3	+10	NE	4	3	39	75	8	5	-	9	10	1500	1027.0	+16	NE	4	36	85	7	5	2	-	10	10	1500	1	3	cm	cm	cm	cm	cm									
	Manston	1025.3	+10	NE	4	3	40	75	6	5	7	-	7-8	10	1500	1027.6	+16	NE	4	37	85	6	5	-	10	10	1500	1	4	cm	cm	cm	cm	cm									
2	Shoeburyness ...	1026.3	+10	NE	5	4	40	85	8	5	-	10	10	2500	1028.7	+20	NE	5	37	85	7	5	-	9-10	10	2500	1	*	c	c	c	c	c										
	Felixstowe ...	1025.8	+16	NE	4	4	40	75	5	5	7	-	4-6	10	1500	1028.1	+14	NE	5	36	85	8	5	2	-	9	10	1500	1	3	c	c	c	c	c								
	Gorleston ...	1027.2	+32	NE	4	4	40	85	7	5	-	9-10	10	2500	1029.5	+18	NE	5	36	85	7	5	-	9	10	2500	1	3	c	c	c	c	c										
	Mildenhall ...	1027.1	+26	NE	4	4	41	85	8	5	-	7-8	10	2500	1029.3	+12	NE	4	37	85	7	5	2	-	9-10	10	1500	1	*	c	c	c	c	c									
	Cranwell ...	1028.6	+14	NE	4	4	39	85	8	5	-	10	10	2500	1031.0	+16	NE	4	36	75	8	5	1	-	7-8	10	2500	1	*	c	c	c	c	c									
3	Birmingham ...	1028.0	+10	NE	4	4	38	75	5	5	-	9-10	10	2500	1029.8	+2	NE	4	37	85	7	5	7	-	10	10	2500	1	*	c	c	c	c	c									
	Upper Heyford	1027.7	+26	NE	4	4	36	85	5	2	-	10	10	800	1028.0	+2	NE	4	36	85	7	5	-	10	10	1500	1	*	c	c	c	c	c										
4	Ross-on-Wye ...	1026.9	+10	NE	4	4	39	75	7	6	2	-	4-6	10	1500	1028.4	+10	NE	4	38	75	7	5	-	4-6	10	2500	1	*	c	c	c	c	c									
5	Hartland Point	1029.2	+10	NE	5	4	38	75	8	8	7	-	4-6	10	2500	1029.3	+20	NE	5	39	75	8	8	2	-	4-6	10	2500	1	4	c	c	c	c	c								
	Bristol ...	1029.5	+24	NE	5	4	40	92	7	5	-	10	10	2500	1029.5	+22	NE	5	37	85	6	5	2	-	7-8	10	1500	1	5	c	c	c	c	c									
	Portland Bill ...	1029.1	+12	NE	4	4	40	85	7	5	7	-	4-6	10	1500	1029.3	+20	NE	4	39	85	6	5	-	9	10	1500	1	2	c	c	c	c	c									
	Plymouth ...	1029.3	+10	NE	4	4	47	92	8	8	2	-	9	10	1500	1029.3	+8	NE	4	40	92	8	8	2	-	9	10	1500	1	4	c	c	c	c	c								
	The Lizard ...	1029.1	+14	NE	5	4	45	92	7	5	2	-	7-8	10	1500	1029.5	+8	NE	4	43	85	7	5	2	-	9	10	1500	1	3	c	c	c	c	c								
	Scilly (St. Mary's)	1029.1	+14	NE	5	4	42	92	6	5	-	10	10	450	1029.3	+10	NE	4	41	85	7	5	1	-	9	10	1500	1	4	c	c	c	c	c									
	Guernsey ...	1029.1	+14	NE	5	4	42	92	6	5	-	10	10	450	1029.3	+10	NE	4	41	85	7	5	1	-	9	10	1500	1	4	c	c	c	c	c									
6	Pembroke ...	1025.4	+14	NE	5	4	41	75	5	8	-	7-8	10	1500	1027.0	+8	NE	4	39	75	7	5	7	-	4-6	10	2500	1	4	c	c	c	c	c									
7	Holyhead ...	1029.3	+14	NE	5	4	41	75	7	3	-	7-8	10	1500	1031.3	+18	NE	4	41	65	7	5	-	9-10	10	4000	1	4	c	c	c	c	c										
	Chester (Sealand)	1030.1	+18	NE	5	4	41	55	6	5	-	10	10	1500	1032.0	+16	NE	4	39	55	6	5	-	9-10	10	1500	1	*	c	c	c	c	c										
8	Manchester ...	1029.9	+16	NE	4	4	40	55	6	8	-	4-6	7-8	2500	1032.4	+16	NE	4	39	55	6	5	-	9	10	2500	1	*	c	c	c	c	c										
10	Spurn Head ...	1028.9	+14	NE	5	4	42	55	8	4	4	-	2-3	4-6	4000	1031.0	+24	NE	4	37	75	8	8	-	9-10	10	800	0	3	c	c	c	c	c									
	Catterick ...	1031.2	+14	NE	5	4	40	65	8	8	-	9-10	10	2500	1034.2	+14	NE	5	37	75	8	8	-	9-10	10	2500	1	4	c	c	c	c	c										
	Tynemouth ...	1033.1	+20	NE	6	4	40	55	8	8	-	9-10	10	2500	1034.6	+18	NE	5	37	75	8	8	-	9-10	10	2500	1	3	c	c	c	c	c										
11	St. Abbs Head	1033.7	+20	NE	4	4	43	85	8	8	6	-	4-6	9-10	2500	1036.1	+14	NE	4	38	65	8	8	6	-	7-8	10	1500	0	3	c	c	c	c	c								
	Leuchars ...	1034.6	+18	NE	4	4	42	55	8	8	6	-	4-6	4-6	5700	1037.0	+18	NE	3	37	65	8	5	-	2-3	2-3	4000	1	*	c	c	c	c	c									
12	Renfrew (Abbots I.)	1035.0	+18	NE	3	4	40	55	9	7	6	-	2-3	4-6	4000	1036.9	+20	NE	2	39	65	8	4	-	-	-	5700	1	*	c	c	c	c	c									
	Eskdalemuir ...	1033.3	+14	NE	5	4	36	65	8	5	-	9-10	10	1500	1036.7	+20	NE	4	35	75	8	5	-	9-10	10	1500	1	*	c	c	c	c	c										
	Point of Ayre ...	1031.9	+10	NE	4	4	41	75	8	2	7	-	7-8	9-10	2500	1034.1	+12	NE	5	41	65	8	5	-	9-10	10	4000	0	3	c	c	c	c	c									
13A	Tiree ...	1035.3	+8	NE	2	4	41	55	9	1	-	1	1	4000	1038.0	+16	NE	2	38	65	9	1	4	-	1	1	4000	0	2	c	c	c	c	c									
13B	Stornoway ...	1036.5	+14	SE	1	4	45	55	9	5	-	1	1	4000	1038.1	+10	SE	1	39	65	9	5	-	1	1	4000	0	1	c	c	c	c	c										
15	Dalwhinnie ...	1035.3	+10	NE	3	4	35	85	7	4	6	-	4-6	4-6	2500	*	+10	NE	1	37	97	8	4	6	-	1	1	4000	8	2	c	c	c	c	c								
	Aberdeen ...	1035.6	+18	NE	3	4	39	65	8	7	-	7-8	7-8	4000	1038.4	+20	NE	2	36	75	7	4	-	-	7-8	4000	1	2	c	c	c	c	c										
	Wick ...	1035.6	+14	NE	2	4	40	65	8	7	4	-	2-3	2-3	2500	1038.2	+10	NE	1	38	75	8	5	4	-	2-3	2-3	2500	1	1	c	c	c	c	c								
16	Lerwick...	1034.9	+26	NE	3	4	40	65	8	5	3	-	4-6	4-6	1500	1035.3	+4	NE	4	39	75	8	5	-	4-6	4-6	2500	1	*	c	c	c	c	c									
17	Blacksod Point...	1032.3	+10	NE	5	4	41	65	9	2	6	-	2-3	4-6	2500	1033.8	+16	NE	5	41	65	8	-	7	-	0	7-8	-	0	4	c	c	c	c	c								
18	Malin Head	1033.9	+10	NE	3	4	40	55	8	7	-	3	2-3	4-6	5700	1036.3	+20	NE	4	41	65	8	8	-	4-6	4-6	5700	0	3	c	c	c	c	c									
	Aldergrove ...	1032.9	+18	NE	4	4	40	65	8	5	-	9-10	9-10	4000	1034.9	+14	NE	3	39	75	7	5	-	9-10	10	2500	1	*	c	c	c	c	c										
19	Birr Castle ...	1029.4	+18	NE	3	4	41	75	8	5	1	-	7-8	9-10	2500																												

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 ...	
7 North Wales ...	Moderate east wind, fresh or strong locally on coasts; fair; rather cold, frost at night.
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. Scot- land.	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	As 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 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.

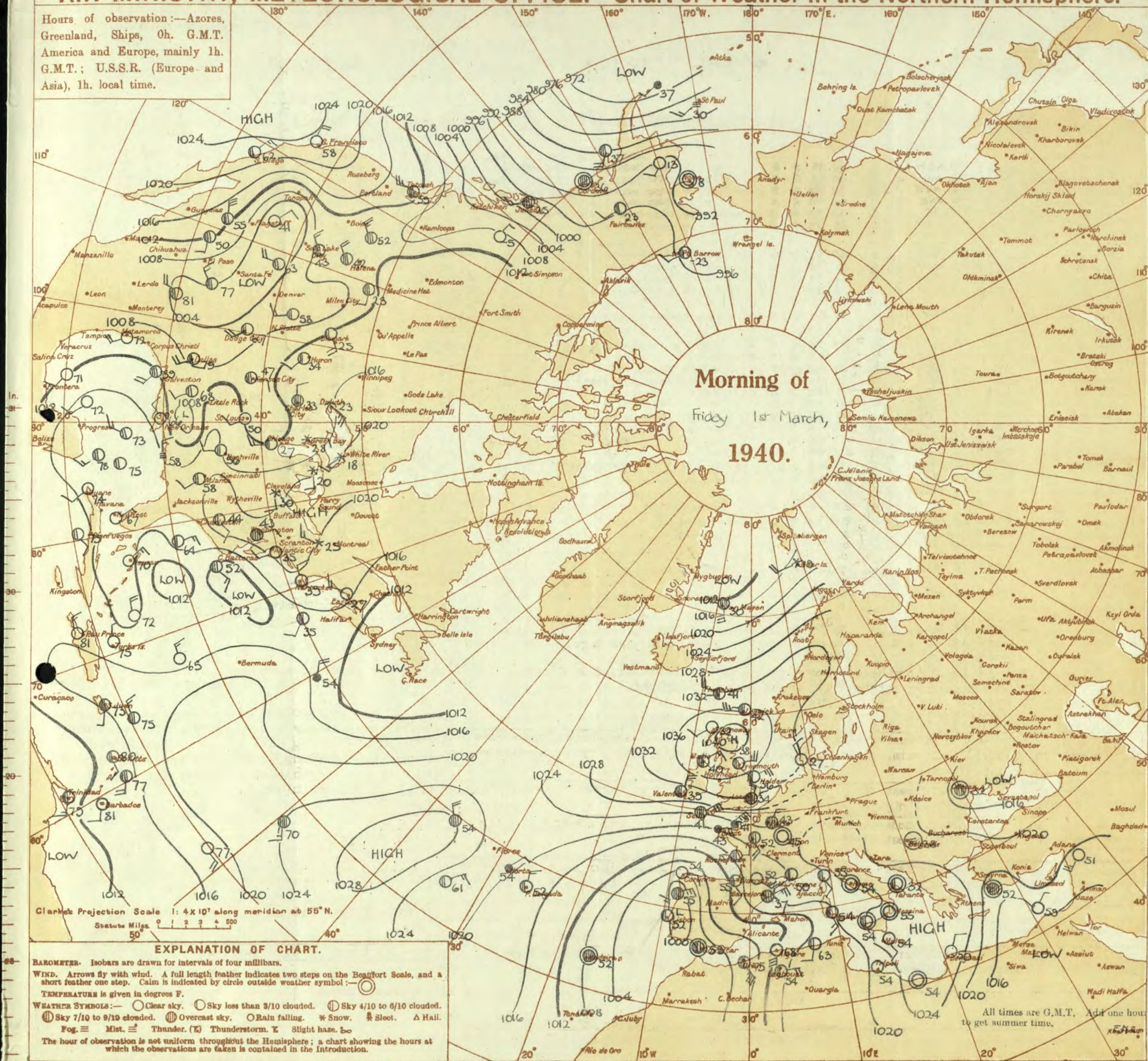
Forecasts issued at 1030 G.M.T.

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

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Friday 1st March, 1940.
 No. 28,589

OBSERVATIONS at 1 hr. G.M.T. 1st. March														OBSERVATIONS at 7 hr. G.M.T. 1st. 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. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.			Sun- shine 24 Hrs.
					Direc.	Force.					Low.	Med.	High	Low 0-10	Total 0-10			Height of Base (feet)	Direc.					Force.	Low 0-10	Total 0-10	Height of Base (feet)	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	*	*	*	*	*	*	*	*	*	*	*	*	1033.5	+14	ENE	5	20	35	75	6	5	-	10	10	1500	1	41	34	33	1	Tr	0.0			
	Croydon	217	1030.7	+10	NE	4	20	34	85	5	*	*	*	10	10	1500	1032.2	+10	ENE	5	20	34	75	6	5	-	10	10	1500	1	40	33	33	2	0.4	0.0	
	S. Farnborough	226	1030.2	+10	NE	4	20	35	75	6	5	-	10	10	1500	1032.6	+10	ENE	5	20	34	75	6	5	-	10	10	1500	1	40	34	33	4	Tr	0.0		
	Boscombe Down	417	1030.1	+6	NE	4	20	34	85	6	5	-	10	10	1500	1032.0	+10	ENE	5	20	33	92	8	5	-	10	10	1500	1	38	32	30	3	-	0.0		
	Calshot (Stmntn.)	8	1020.0	+10	ENE	5	20	37	75	6	5	-	10	10	1500	1030.7	+6	E	5	20	37	75	6	5	-	10	10	1500	1	41	36	35	9	-	0.0		
	Lymington	346	1030.3	+10	NE	5	20	33	92	6	5	-	10	10	1500	1032.5	+18	ENE	5	20	38	85	6	5	-	7.8	10	1500	1	40	33	32	0.1	Tr	0.0		
	Manston	154	1031.4	+14	NE	6	20	35	75	6	5	7	-	10	10	1500	1033.4	+12	ENE	5	20	33	85	6	5	-	7.7	10	1500	1	40	33	33	Tr	Tr	0.2	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	1034.1	+12	NE	5	20	35	75	8	5	-	0.7	0.7	1500	1	42	34	33	-	-	0.0			
	Felixstowe	15	1032.2	+10	ENE	6	20	35	75	7	5	-	10	10	2500	1034.9	+16	NE	5	20	34	75	8	-	-	0	0	-	1	3	40	34	31	-	-	0.8	
	Gorleston	5	1034.0	+16	ENE	6	20	34	75	7	5	-	10	10	2500	1037.0	+16	E	5	20	35	85	7	5	-	2.3	2.3	2500	0	40	33	32	-	-	0.6		
	Mildenhall	19	1034.1	+18	ENE	5	20	34	75	7	5	-	10	10	2500	1036.1	+2	NE	3	20	30	97	8	-	4	-	0	Tr	-	3	41	29	26	Tr	-	0.6	
	Cranwell	240	1035.4	+14	ENE	3	20	32	85	6	5	-	4.6	4.6	2500	1037.2	+8	E	1	20	29	92	7	-	1	0	Tr	-	3	41	29	24	0.1	-	0.7		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	1035.6	+6	ENE	4	20	30	85	6	5	-	-	4.6	4.6	2500	1	39	30	27	-	-	0.0		
	Upper Heyford	408	1033.1	+14	NE	5	20	31	85	6	5	-	10	10	1500	1034.6	+10	ENE	4	20	32	92	7	5	-	-	2.3	2.3	1500	1	40	30	28	0.5	Tr	0.0	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	1033.9	+8	NE	4	20	33	75	8	5	-	-	9.7	9.7	2500	1	40	32	29	Tr	-	0.0		
5	Hartland Point	299	1026.5	-4	NE	5	20	38	75	8	5	2	-	7.8	7.8	2500	1027.2	+8	NE	6	20	33	85	8	4	-	2.3	2.3	2500	1	40	32	31	0.4	-	0.0	
	Bristol	209	1031.6	+10	ENE	4	20	33	85	6	5	-	0	1	-	1033.2	+8	ENE	4	20	33	75	7	5	-	9.7	9.7	1500	1	38	32	30	0.2	-	0.0		
	Portland Bill	32	1026.9	+10	ENE	4	20	37	92	7	5	-	4.6	4.6	2500	1028.6	+12	SSW	6	20	37	92	7	5	2	-	4.6	4.6	4000	1	46	36	35	15	-	0.0	
	Plymouth	82	1026.3	+6	ENE	6	20	37	75	7	5	-	4.6	4.6	2500	1027.5	+18	ENE	5	20	35	75	7	5	-	-	4.6	4.6	2500	1	42	35	32	1	-	0.0	
	The Lizard	240	1024.1	+4	E	7	20	41	85	7	5	2	-	7.8	10	1500	1024.3	0	E	7	20	39	85	7	8	2	-	7.8	10	1500	1	40	38	3	-	0.0	
	Scilly (St. Mary's)	163	1024.4	+2	ENE	6	20	41	85	7	5	-	10	10	1500	1023.8	-6	ENE	6	20	41	85	7	5	2	-	7.8	10	1500	1	47	41	3	-	-	0.0	
	Guernsey	175	1023.7	+4	ENE	7	10	41	82	6	5	-	10	10	800	1025.1	+4	NE	7	20	40	85	7	8	-	-	10	10	1500	1	48	40	39	3	2	0.0	
6	Pembroke	142	1029.8	+4	E	5	20	36	75	7	5	-	2.3	2.3	2500	1031.0	+4	E	5	20	34	75	7	1	6	-	2.3	2.3	2500	3	42	33	3	-	-	0.0	
7	Holyhead	26	1034.6	+10	ENE	5	20	37	85	6	5	-	-	0	0	-	1034.4	-2	ENE	6	20	35	85	7	5	-	Tr	Tr	2500	1	42	34	30	-	-	1.6	
	Chester (Sealand)	16	1035.9	+14	ENE	1	20	32	85	5	-	-	-	0	0	-	1037.2	+6	-	0	20	29	85	5	-	-	-	-	-	3	42	29	22	-	-	0.9	
8	Manchester	70	1036.2	+12	ENE	4	20	34	75	6	-	-	-	0	0	-	1037.5	+6	E	4	20	34	75	5	-	-	0	0	-	3	41	33	30	-	-	1.7	
10	Spurn Head	29	1035.9	+18	E	5	20	36	85	8	4	-	2.3	2.3	1500	1037.8	+8	E	4	20	36	75	8	-	4	-	0	2.3	-	0	43	35	3	-	-	0.0	
	Catterick	175	1038.1	+14	ENE	1	20	31	85	8	-	-	-	0	0	-	1039.3	+6	-	0	20	27	92	6	-	9	0	1	-	1	40	26	14	Tr	-	0.1	
	Tynemouth	108	1038.3	+10	E	5	20	38	85	7	2	-	4.6	4.6	2500	1039.6	+6	E	3	20	37	75	8	2	-	2.3	2.3	2500	1	41	36	32	-	-	#		
11	St. Abbs Head	280	1039.9	+8	ESE	2	20	37	75	8	4	6	-	4.6	7.8	1500	1040.8	+6	ESE	1	20	36	75	8	1	6	1	2.3	4.6	1500	0	45	35	3	-	-	0.0
	Leuchars	36	1039.9	+12	NNE	1	20	31	85	7	5	-	2.3	2.3	4000	1040.0	+6	NNE	1	20	30	92	6	5	-	-	4.6	4.6	4000	1	43	29	18	-	-	3.5	
12	Renfrew (Abbots L.)	19	1039.6	+10	E	2	20	37	75	6	5	-	2.3	2.3	4000	1040.5	+6	-	0	20	29	97	3	5	-	Tr	Tr	4000	3	42	28	22	-	-	3.7		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1040.7	+6	N	1	20	25	85	8	5	-	-	2.3	2.3	2500	3	39	24	21	-	-	2.3		
	Point of Ayre	30	1036.8	+6	E	4	20	38	85	8	4	-	4.6	4.6	2500	1038.2	+4	E	4	20	36	85	8	5	-	0	Tr	-	0	43	38	3	-	-	2.1		
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	1039.6	0	ESE	1	20	35	75	8	5	-	-	2.3	4.6	4000	3	42	32	3	-	-	10.0		
13B	Stornoway	80	1039.5	+4	WSW	1	20	32	85	8	-	-	-	0	0	-	1039.2	0	SW	2	20	32	85	9	1	-	Tr	Tr	5700	1	44	31	3	-	-	9.2	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	+2	-	0	20	15	77	8	4	6	1	2.6	4.6	4000	8	35	14	10	Tr	-	4.8		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1040.5	-2	NW	1	20	27	97	6	8	4	-	Tr	Tr	2500	3	41	26	18	-	-	6.3		
	Wick	81	1039.6	+4	SSW	2	20	30	75	8	5	-	Tr	Tr	2500	1039.1	-4	SW	2	20	29	85	8	5	4	1	2.3	2500	3	40	27	3	-	-	9.8		
16	Lerwick	156	1035.6	+2	W	5	20	42	75	8	7	-	4.6	7.8	1500	1034.7	-4	W	5	20	44	85	8	5	4	1	4.6	7.8	1500	1	41	39	3	-	-	9.8	
17	Blackod Point	18	1036.2	+8	E	3	20	40	65	7	-	7	-	6	10	-	1036.4	+2	E	3	20	38	75	8	-	6	-	6	7.8	-	0	44	37	3	-	-	0.0
18	Malin Head	84	1038.4	+4	E	4	20	40	55	7	8	-	7.3	7.8	5700	1038.9	+6	E	2	20	37	65	8	8	-	7.8	7.8	5700	0	43	33	3	-	-	8.0		
	Aldergrove	268	1037.2	+6	NE	3	20	36	65	7	5	-	2.3	2.3	4000	1037.9	+6	ENE	2	20	30	97	7	5	-	Tr	Tr	1500	1	43	29	20	Tr	-	3.2		
19	Birr Castle	173	1033.5	0	ENE	1	20	35	92	8	-	-	-	0	0	-	1033.6	+2	ENE	3	20</																

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Saturday 2nd March 1941
No. 28590..

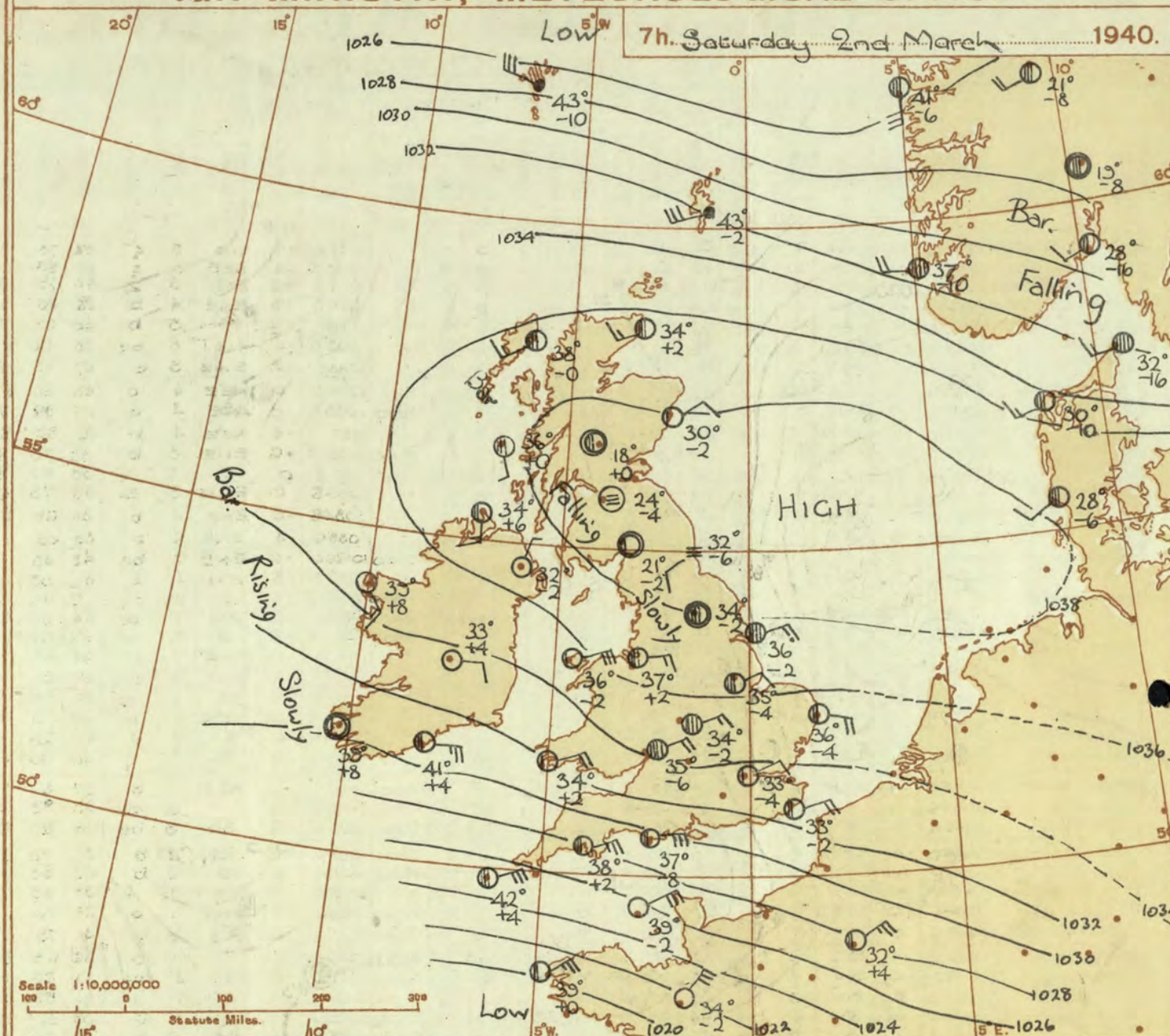
OBSERVATIONS at 13h. G.M.T. 1st March															OBSERVATIONS at 18h. G.M.T. 1st March															PAST 24 HOURS.					
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visiblity. mi. (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visiblity mi. (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.									
				Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)			Low 0-10 (12)	Total 0-10 (13)					Height of Base (feet) (14)	Direc. (17)	Force 0-12 (18)			Low (23)	Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)	7h.—18h. 1st. (37)	13h.—18h. 1st (38)	18h.—to 2nd 1st. (39)	1h.—7h. 2nd (40)
																																Form.	Amount.	Form.	Amount.
1	London (Kew)...	1034.2	+4	ESE	3	b	41	45	6	-	-	-	1034.2	+6	ESE	5	b	38	75	5	5	-	-	-	2-3	2-3	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
	Croydon ...	1034.1	+6	ESE	5	b	40	45	7	-	-	-	1033.5	+4	ESE	5	b	37	85	6	4	-	-	-	4-6	4-6	1500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
	S. Farnborough	1033.5	-2	ESE	5	b	42	55	7	-	-	-	1034.6	+4	ESE	5	b	38	75	6	4	-	-	-	0	0	5700	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
	Boscombe Down	1032.3	+4	ESE	4	b	42	55	7	-	-	-	1032.3	+8	ESE	4	b	38	85	6	4	-	-	7	4	0	0	Tr	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	
	Calshot (Soton.)	1031.2	+6	ESE	6	b	44	45	8	-	-	-	1030.7	-2	ESE	5	b	40	65	7	-	-	1	0	Tr	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm				
	Lympne	1033.5	+2	ESE	5	b	38	45	9	-	-	5	0	0	Tr	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm			
	Manston	1035.0	+4	ESE	5	b	39	45	8	-	-	-	1034.7	+4	ESE	5	b	37	85	7	5	-	-	8	4-6	7-8	1500	0	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
2	Shoeburyness ...	1035.3	+4	ESE	4	b	41	45	8	-	-	-	1035.3	0	ESE	4	b	38	85	8	5	-	-	-	9	9	1500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
	Felixstowe	1035.9	+2	ESE	5	b	39	65	3	1	-	-	Tr	Tr	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	10	10	1500	0	2	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
	Gorleston	1037.9	-2	ESE	4	b	38	75	7	-	-	5	0	4-6	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	Tr	Tr	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Mildenhall	1036.7	-2	ESE	5	b	43	55	3	1	-	1	1	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	Tr	Tr	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Cranwell	1037.3	0	ESE	4	b	39	75	8	5	-	-	4-6	4-6	1500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	Tr	Tr	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
3	Birmingham	1034.1	0	ESE	4	b	40	55	8	-	-	-	1035.8	+6	ESE	3	b	38	75	6	1	-	-	-	Tr	Tr	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
4	Upper Heyford	1035.3	0	ESE	6	b	41	45	8	-	-	-	1034.8	+6	ESE	4	b	39	65	8	4	-	-	-	Tr	Tr	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
	Ross-on-Wye ...	1033.8	0	ESE	5	b	41	45	8	-	-	-	1033.6	-4	ESE	4	b	39	55	8	5	-	-	-	Tr	Tr	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
5	Hartland Point	1028.2	0	ESE	5	b	37	75	7	1	-	-	1	1	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	2-3	2-3	2500	0	4	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Bristol ...	1033.1	-2	ESE	5	b	42	45	7	-	-	-	1032.8	+8	ESE	4	b	40	55	6	4	-	-	-	0	0	1	1	5	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
	Portland Bill	1033.7	+10	ESE	6	b	40	92	8	5	-	-	4-6	4-6	4000	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	2-3	2-3	4000	1	5	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Plymouth	1028.0	+2	ESE	6	b	40	60	7	1	-	-	2-3	2-3	1500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	1	1	5	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	The Lizard	1025.2	-4	ESE	7	c	41	75	7	8	2	-	7-8	10	1500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	4-6	4-6	1500	1	4	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Soilly (St. Mary's)	1024.6	-6	ESE	6	c	41	85	7	5	-	-	9	9	1500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	1	1	4	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Guernsey	1025.4	-2	ESE	6	c	40	85	6	8	2	-	9	10	1500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	1	1	4	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
6	Pembroke	1031.3	0	ESE	6	b	41	75	8	-	7	-	0	1	-	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	2-3	2-3	2500	1	2	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
7	Holyhead	1034.7	-10	ESE	4	b	41	55	7	-	-	-	1034.2	+14	ESE	5	b	42	65	7	5	4	-	-	0	0	-	1	3	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
	Chester (Sealand)	1037.2	-6	ESE	4	b	43	35	6	-	-	-	1036.4	+4	ESE	3	b	41	65	6	-	-	-	-	0	0	-	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
8	Manchester	1038.1	-4	ESE	5	b	42	55	5	-	-	-	1037.3	-2	ESE	3	b	40	65	5	1	-	-	-	Tr	Tr	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm		
10	Spurn Head	1039.3	+4	ESE	4	b	44	75	8	1	-	-	1	1	4000	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	-	1	0	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Catterick	1030.4	-10	ESE	3	c	43	65	8	1	-	-	7-8	7-8	4000	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	2-3	2-3	2500	1	1	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Tynemouth	1045.6	0	ESE	3	b	43	75	8	2	-	-	2-3	2-3	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	2-3	2-3	2500	1	1	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
11	St. Abbs Head	1045.5	-4	ESE	2	b	40	75	8	1	-	-	1	1	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	Tr	Tr	2500	0	2	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Leuchars	1040.2	-14	ESE	0	b	40	65	7	1	-	-	Tr	Tr	4000	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	Tr	Tr	5700	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
12	Rentow (Abbots L.)	1040.2	-10	ESE	3	b	45	55	6	-	-	8	0	7-8	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	-	1	1	cm, bz, y	by, b, cm	b, c, cm	b, c, cm				
	Eskdalemuir	1039.4	-10	ESE	3	b	41	55	8	5	-	-	1	1	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	-	1	1	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Point of Ayre	1038.4	0	ESE	4	b	41	75	7	2	-	-	Tr	Tr	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	-	1	0	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
13A	Tiree ...	1039.0	-4	ESE	2	b	43	65	8	2	-	-	2-3	2-3	4000	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	4-6	4-6	4000	1	2	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
13B	Stornoway	1038.7	-10	SW	4	b	43	55	8	5	4	-	2-3	2-3	4000	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	-	1	1	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
15	Dalwhinnie	1039.5	-8	SW	3	b	39	75	8	-	-	-	0	0	-	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	-	1	1	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Aberdeen	1040.0	-14	SW	4	b	44	65	7	5	-	-	Tr	Tr	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	-	1	1	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Wick ...	1038.4	-6	S	2	b	43	75	8	5	4	1	2-3	2-3	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	1	1	2500	1	1	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
16	Lerwick...	1034.6	-6	SW	6	c	44	85	8	8	7	-	7-8	9	1500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	7-8	9	1500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
17	Blackhead Point...	1035.0	-14	ESE	4	b	42	65	8	1	-	-	2-3	2-3	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	-	0	4	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
18	Malin Head	1038.1	-12	ESE	3	b	40	55	8	1	-	-	Tr	Tr	5700	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	2-3	2-3	5700	0	2	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Aldergrove	1038.0	-8	ESE	5	b	42	55	8	-	-	-	0	0	-	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	0	0	-	1	1	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
19	Birr Castle	1033.8	-8	ESE	3	b	45	55	8	-	-	-	0	0	-	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	2-3	2-3	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
20	Valentia Obay. †	1030.1	-8	ESE	5	b	43	65	8	1	-	-	Tr	Tr	34000	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	9	9	4000	0	2	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			
	Roche Point	1031.6	-2	ESE	5	c	41	75	8	5	-	-	9	9	2500	1	*	cm, bz, y	by, b, cm	b, c, cm	b, c, cm	b, c, cm	b, c, cm	2-3	2-3	2500	1	4	cm, bz, y	by, b, cm	b, c, cm	b, c, cm			

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 5, 19, 37, 38, 39, 40—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.	COLUMNS 9, 23.—FORM OF LOW CLOUD.	COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.	COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.
<p>b, blue sky (not more than a quarter covered with cloud).</p> <p>bc, sky partly cloudy (one half covered). c, generally cloudy.</p> <p>d, drizzle. e, wet air. g, gloom.</p> <p>f, fog, visibility 220–1100 yds.</p> <p>F, thick fog „ less than 220 yds.</p> <p>fs, low fog over sea (coast station).</p> <p>fg, low fog over land (inland station).</p> <p>m, mist, visibility 1100–2200 yds.</p> <p>h, hail. i, intermittent.</p> <p>jf, fog at a distance, but not at station.</p> <p>jp, precipitation within sight of station.</p> <p>ks, storm of drifting snow.</p> <p>k/s, slight storm of drifting snow (generally low).</p> <p>k/S, heavy storm of drifting snow (generally low).</p> <p>s_o/k, slight storm of drifting snow (generally high).</p> <p>S/k, heavy storm of drifting snow (generally high).</p> <p>KQ, line squall. l, lightning.</p> <p>o, overcast sky. p, passing showers.</p> <p>q, squalls. r, rain. s, snow.</p> <p>rs, sleet. t, thunder.</p> <p>u, ugly, threatening sky.</p> <p>v, unusual visibility. w, dew.</p> <p>x, hoar frost. y, dry air.</p> <p>z, dust haze: the turbid atmosphere of dry weather.</p> <p>h(r), “hail” or “rain and hail.”</p> <p>Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r_o, slight rain.</p> <p>rr, continuous rain.</p> <p><, less than (for cloud height). gale.</p> <p>☉ Solar halo. ☾ Lunar halo. ☀ Aurora.</p> <p>With present weather is combined, whenever possible, the general character of the weather.</p> <p>A “solidus” divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.</p>	<p>0 No low clouds.</p> <p>1 Fair weather Cu.</p> <p>2 Large Cu without anvil.</p> <p>3 Cb.</p> <p>4 Sc formed by the spreading out of Cu.</p> <p>5 Layer of St or Sc.</p> <p>6 Ragged low clouds of bad weather (or fractonimbus).</p> <p>7 Fair weather Cu and Sc.</p> <p>8 Large-Cu (or Cb) and Sc.</p> <p>9 Large-Cu (or Cb) and ragged low clouds of bad weather.</p>	<p>0 No medium clouds.</p> <p>1 Typical As (thin).</p> <p>2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).</p> <p>3 Single layer of Ac or high Sc.</p> <p>4 Ac in isolated patches. Individually decreasing (often lenticular).</p> <p>5 Ac in bands (increasing).</p> <p>6 Ac formed from the spreading out of Cu.</p> <p>7 Ac associated with As or As with parts resembling Ac.</p> <p>8 Ac Castellatus (or Ac in ragged fragments).</p> <p>9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.</p>	<p>0 No cirriform cloud.</p> <p>1 Fine Ci not increasing: sparse.</p> <p>2 Fine Ci not increasing: abundant but not a continuous layer.</p> <p>3 Anvil Ci (usually dense).</p> <p>4 Fine Ci increasing: usually in tufts.</p> <p>5 Ci or Cs increasing: still below 45° altitude: often in polar bands.</p> <p>6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.</p> <p>7 Veil of Cs covering whole sky.</p> <p>8 Cs not increasing and not covering whole sky.</p> <p>9 Cc predominating, and a little cirrus. (Cc may occur with any of the types 1 to 8).</p>
	<p>COLUMNS 12, 13, 26, 27.</p> <p>Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.</p> <p>Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.</p> <p>An entry “4-6” means that the cloud amount may be 4, 5 or 6: similarly for other grouped entries.</p> <p>“tr” signifies a small amount of cloud (trace) covering less than 1/20 of the sky.</p> <p>“9+” signifies an overcast sky with a few small openings.</p> <p>‡ Sea disturbance reported from Dungeness.</p>	<p>Cloud form abbreviations:—</p> <p>Cirrus,—Ci: Cirrocumulus,—Cc: Cirrostratus,—Cs: Altopcumulus,—Ac: Altostratus,—As</p> <p>Stratocumulus,—Sc: Stratus,—St: Nimbostratus,—Ns: Cumulus,—Cu: Cumulonimbus,—Cb</p>	
		<p>COLUMN 29 —STATE OF GROUND.</p> <p>0 .. Ground dry.</p> <p>1 .. „ wet.</p> <p>2 .. „ flooded.</p> <p>3 .. „ frozen hard and dry.</p> <p>4 .. „ partly covered with snow or hail.</p> <p>5 .. „ covered with ice of glazed frost.</p> <p>6 .. „ covered with thawing snow.</p> <p>7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen.</p> <p>8 .. „ covered with snow, less than 6 ins., but ground frozen.</p> <p>9 .. „ covered with snow greater than 6 ins. deep.</p> <p>.. Fresh snow has fallen in the mountains.</p>	

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 ...	
7 North Wales ...	As 1 - 4.
8 N.W. England	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.
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 & 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.

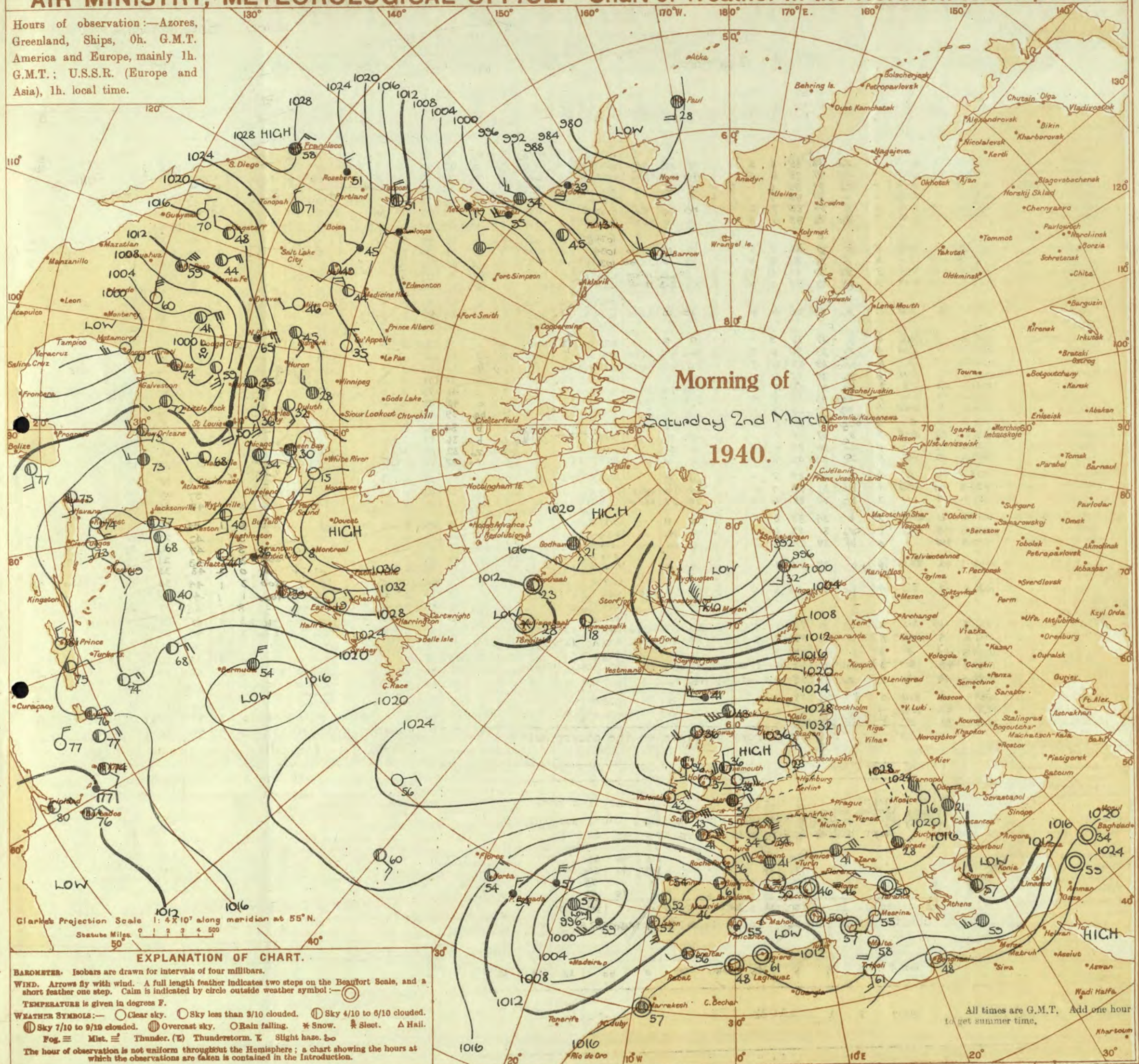
Gale warning issued at 2310 on 29/2/40 in districts 10 and 11.

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

H.B.S.G. from Cornwall House & Co. 100, Strand, W.C.2.

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

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



THE DAILY WEATHER REPORT

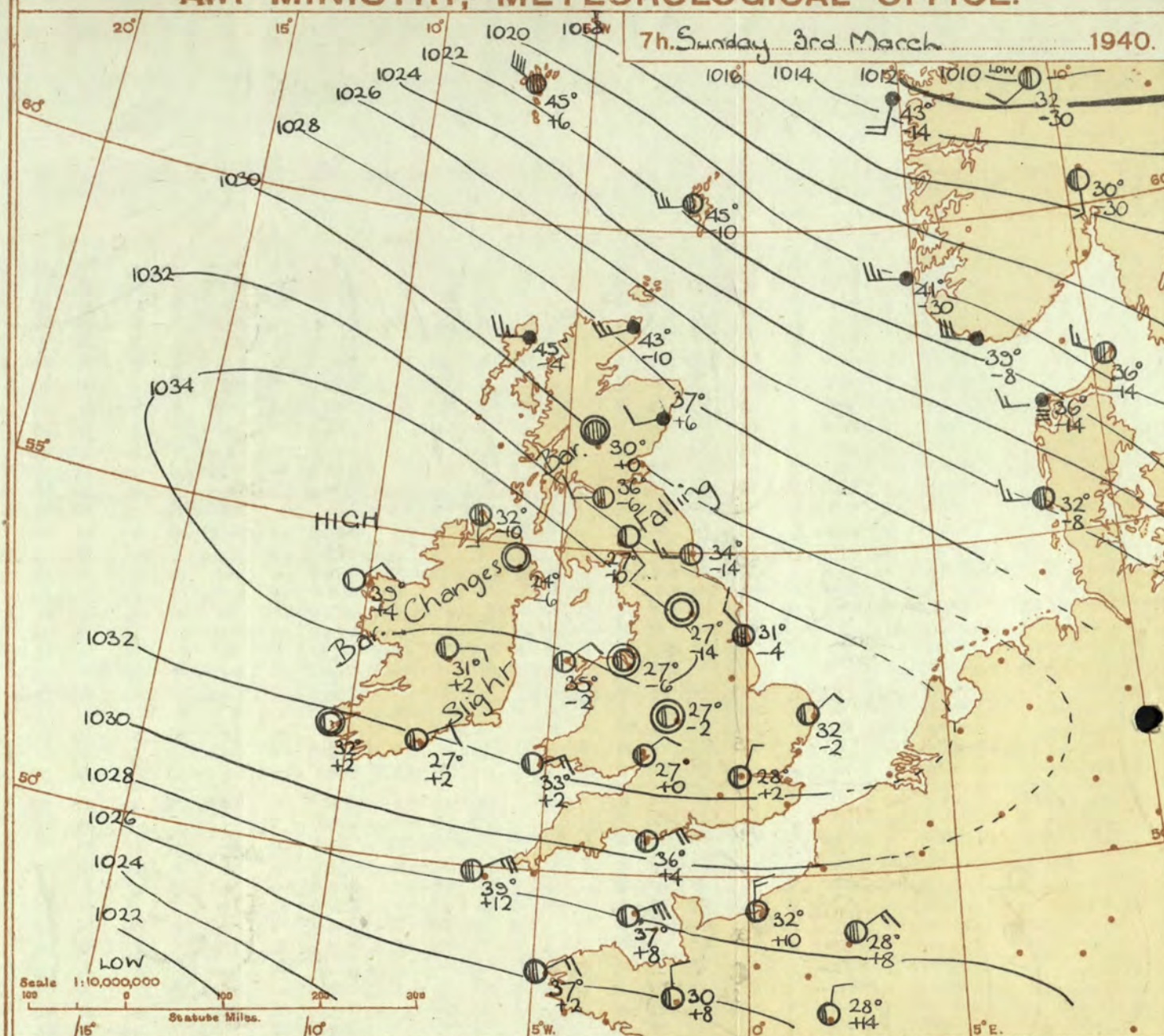
OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 2nd March															OBSERVATIONS at 7 hr. G.M.T. 2nd 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.					State of Ground.	Sea.	TEMPERATURE.					RAINFALL.		SUNSHINE Hrs.	
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	0-9	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.			Day 7h-18h mm.	Night 18h-7h mm.							
																																	(3)	(4)	(5)	(6)	(7)		(8)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1034.2	-4	ENE	3	20	35	75	6	5	-	-	1	2.3	1500	1	*	38	35	31	-	-	8.5				
	Croydon ...	217	1034.2	-2	ENE	4	20	37	85	6	5	-	10	10	1500	1033.9	-4	NE'E	2	20	33	85	6	5	-	4	-	1	*	41	33	30	-	Tr	8.6				
	S. Farnborough	226	1034.1	+2	ENE	4	20	37	75	6	5	-	4.6	4.6	1500	1033.6	-2	ENE	3	20	34	85	6	5	-	4.6	4.6	1500	1	*	44	34	32	-	-	7.9			
	Boscombe Down	417	1033.4	0	NE'E	4	20	34	85	6	5	-	7	-	-	1032.6	-2	NE'E	4	20	34	85	7	5	-	9	9	800	1	*	43	32	(26)	-	-	7.3			
	Calshot (Stamtn.)	8	1031.8	0	ENE	5	20	37	85	7	5	-	0	0	-	1031.6	-2	E'N	5	20	36	75	7	1	4	-	Tr	Tr	1500	1	3	45	35	34	-	-	7.4		
	Lymington	346	1034.0	+2	ENE	6	0	35	85	7	5	-	10	10	800	1033.2	-2	E'N	4	20	33	75	8	-	4	0	4.6	-	0	3	39	32	29	-	-	8.4			
	Manston	154	1034.7	-2	E'N	5	20	36	85	6	5	-	10	10	1500	1033.9	-2	E'N	5	20	34	75	7	-	7	1	0	2.3	-	0	3	39	34	31	-	-	9.0		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1034.8	-2	E	4	20	36	92	8	-	-	1	0	1	-	1	*	42	35	31	-	-	9.0				
	Felixstowe	15	1035.9	+2	ENE	5	20	37	85	7	5	-	10	10	800	1034.6	-6	ENE	4	20	36	75	9	-	6	0	7.8	-	1	2	40	34	31	-	-	8.7			
	Gorleston	5	1037.3	+10	E'N	5	20	36	85	8	5	-	10	10	2500	1036.3	-4	E'S	4	20	36	75	8	-	5	0	4.6	-	0	3	39	34	33	-	-	9.5			
	Mildenhall	19	1037.0	+4	E'N	5	20	37	92	6	5	-	10	10	1500	1036.3	0	NE'E	2	20	31	97	8	-	6	0	4.6	-	0	*	44	31	27	-	-	10.1			
	Cranwell	240	1038.1	+4	ENE	2	20	32	97	7	5	-	2.3	2.3	1500	1036.7	-4	ENE	2	20	35	97	7	5	-	9	9	800	1	*	43	32	28	-	Tr	9.6			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1035.4	-2	ENE	3	20	34	92	5	5	-	-	10	10	1500	1	*	41	22	29	*	-	-	8.5			
	Upper Heyford	408	1036.1	+2	NE	3	20	33	92	6	5	-	10	10	1500	1034.9	+2	ENE	4	20	34	85	5	3	-	10	10	1500	1	*	43	32	28	-	-	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1034.1	-6	NE'E	4	20	35	85	7	5	-	-	10	10	1500	1	*	43	32	26	-	-	9.7				
5	Hartland Point	299	1027.6	-4	ENE	6	20	37	75	8	-	-	0	0	-	1029.0	-6	ENE	6	20	36	85	8	8	1	-	4.6	7.8	2500	0	4	44	35	34	-	-	8.6		
	Bristol	209	1034.0	0	E'N	4	20	33	85	6	5	-	4.6	4.6	2500	1033.3	-2	ENE	4	20	36	85	7	5	-	4	4	1500	1	*	44	33	29	-	-	7.8			
	Portland Bill	32	1029.2	+2	E	6	20	38	92	8	5	-	2.3	2.3	4000	1028.1	-8	E	6	20	37	92	8	5	-	4.6	4.6	4000	1	5	43	36	*	-	-	*			
	Plymouth	82	1027.5	+2	E'N	6	20	39	75	6	-	-	1	0	1	1027.9	+2	E'N	5	20	38	75	7	1	-	4.6	4.6	1500	1	3	45	38	35	-	-	8.1			
	The Lizard	240	1024.9	+2	E'S	8	20	41	85	7	8	-	4.6	4.6	1500	1024.7	-4	E	8	20	41	75	7	8	6	-	7.8	7.8	2500	1	5	42	38	*	-	-	2.4		
	Scilly (St. Mary's)	163	1024.0	+4	E'N	7	20	43	75	7	5	-	2.3	2.3	2500	1024.9	+4	E'N	6	20	42	85	6	4	-	9	9	1500	1	4	43	41	*	-	-	1.2			
	Guernsey	175	1026.1	0	ENE	6	20	41	65	9	-	-	0	0	-	1025.8	-2	NE'E	6	20	39	65	7	-	-	0	0	-	1	5	43	39	*	-	-	*			
6	Pembroke	142	1031.2	0	E	6	20	39	75	8	5	-	2.3	2.3	2500	1031.8	+2	E'N	4	20	34	85	8	5	1	-	1	1	2500	1	2	44	31	*	-	-	8.6		
7	Holyhead	26	1036.1	+2	ENE	5	20	37	75	7	-	-	0	0	-	1035.3	-2	E'N	6	20	36	85	7	5	-	Tr	Tr	4000	1	3	43	35	31	-	-	7.4			
	Chester (Sealand)	16	1038.0	+2	-	0	20	30	85	6	-	-	0	0	-	1037.4	0	-	0	20	32	85	5	5	-	10	10	2500	3	*	45	28	23	-	-	8.7			
8	Manchester	70	1038.3	+2	NE	2	20	33	85	5	-	-	0	0	-	1037.7	+2	E	3	20	37	85	7	5	-	7.8	10	1500	1	*	43	33	29	-	-	8.4			
10	Spurn Head	29	1038.6	+6	E	4	20	38	85	7	-	-	0	0	-	1037.9	-2	E'N	3	20	36	97	6	5	-	10	10	800	0	3	44	35	*	-	-	9.4			
	Catterick	175	1039.8	+4	N'W	1	20	31	92	7	5	-	4.6	4.6	2500	1039.0	-2	-	0	20	34	92	5	5	-	9	9	2500	1	*	37	29	15	-	-	9.2			
	Tynemouth	108	1039.9	+4	N	2	20	36	85	6	2	-	2.3	2.3	2500	1038.9	-6	SW	2	20	32	92	2	5	4	-	2.3	7.6	1500	3	1	48	31	26	-	-	*		
11	St. Abbs Head	280	1039.5	0	WNW	2	20	34	85	8	-	-	0	0	-	1038.2	+2	H	2	20	36	65	8	4	4	-	1	2.3	2500	3	1	44	32	*	-	-	*		
	Leuchars	36	1039.3	-4	NW	1	20	31	92	6	-	-	0	0	-	1038.9	+6	-	0	20	29	92	6	-	7	-	0	2.3	-	3	43	27	17	-	-	9.4			
12	Renfrew (Abbots I.)	19	1040.0	+10	-	0	20	28	97	3	-	-	0	0	-	1039.0	-4	-	0	20	24	97	2	-	-	0	0	-	3	*	47	23	24	-	-	6.7			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1039.2	-2	-	0	20	21	85	9	1	-	1	Tr	1	1500	3	*	43	21	14	-	-	9.3		
	Point of Ayre	30	1038.2	+2	SE'S	5	20	38	85	8	-	-	0	0	-	1037.8	+2	SE'S	4	20	36	85	8	-	4	-	0	Tr	0	2	43	35	*	-	-	9.3			
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1037.0	0	S'E	1	20	36	92	8	5	-	-	9	9	2500	3	1	44	30	*	-	-	9.8				
13B	Stornoway	80	1036.8	-2	SW	4	20	36	85	8	5	-	2.3	2.3	4000	1036.7	0	SW	3	20	38	75	8	5	7	-	7.8	9	4000	1	1	44	33	*	-	-	8.4		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1038.0	0	-	0	20	38	97	8	-	6	2	0	4.6	-	8	40	17	10	-	-	6.8					
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1037.6	-2	NE	2	20	30	85	6	-	4	9	0	Tr	-	3	1	45	39	19	-	-	9.1				
	Wick	81	1036.5	-10	SW	2	20	32	75	7	5	-	2.3	2.3	2500	1036.1	+2	WSW	3	20	34	85	8	5	7	-	4.6	7.8	1500	3	1	43	31	*	-	-	*		
16	Lerwick	156	1031.6	-8	WSW	7	20	43	92	8	7	-	7.8	10	1500	1031.3	-2	USW	6	20	43	97	6	6	2	-	4.6	10	800	1	*	45	41	*	Tr	1	1.6		
17	Blackod Point	18	1034.8	+4	E	3	20	39	75	7	-	-	0	0	-	1034.6	+8	SE	3	20	39	75	7	-	-	0	0	-	0	3	44	35	*	-	-	*			
18	Malin Head	84	1037.3	+2	S	3	20	36	85	8	5	-	2.3	2.3	5700	1037.1	+6	S	3	20	34	92	8	5	-	2.3	2.3	5700	0	2	42	32	*	-	-	9.4			
	Aldergrove	288	1038.0	+6	E'S	2	20	33	85	6	-	-	0	0	-	1037.2																							

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET
Sunday 3rd March 1940.
No. 28591.

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. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.													
				Direc. (3)	Force. (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base (feet) (14)	Low. (23)					Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)			7h.—13h. 2nd (37)	13h.—18h. 2nd (38)	18h.—2nd 3rd (39)	1h.—7h. 3rd (40)										
1	London (Kew)...	1033.4	-4	ENE	5	bc	42	35	6	-	2	0	7.8	-	1033.4	+6	ENE	4	bc	37	35	6	-	2	0	9	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Croydon ...	1033.0	-6	ENE	4	bc	42	35	7	-	4	0	1	-	1032.7	+6	ENE	4	bc	35	45	6	-	3	2	0	4.6	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy					
	S. Farnborough	1032.6	-6	ENE	5	bc	44	35	6	-	1	0	Tr	-	1032.7	+6	ENE	4	bc	37	45	6	-	6	0	2.3	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Boscombe Down	1031.8	-10	ENE	4	bc	43	35	6	-	-	0	0	-	1031.3	+6	ENE	4	bc	38	35	7	-	7	0	1	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Calshot (Soton.)	1030.5	-10	ENE	5	bc	45	40	8	-	3	0	Tr	-	1030.2	+6	ENE	5	bc	40	40	8	-	4	0	1	-	1	4	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Lympne ...	1032.7	-6	ENE	5	bc	38	55	8	-	2	0	2.3	-	1032.2	-2	ENE	5	bc	33	65	8	-	6	0	7.8	-	1	4	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Manston ...	1034.3	+2	ENE	5	bc	38	55	8	-	1	0	2.3	-	1033.0	-2	ENE	5	bc	34	65	8	-	6	0	7.8	-	1	4	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
2	Shoeburyness ...	1034.8	0	NE	4	bc	40	55	8	-	2	0	2.3	-	1034.3	-2	NE	4	bc	34	65	8	-	2	0	2.3	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Felixstowe ...	1035.8	+6	ENE	4	bc	39	55	9	-	1	0	4.6	-	1034.3	-4	ENE	4	bc	34	65	8	-	2	0	4.6	-	1	2	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Gorleston ...	1038.7	+10	ENE	4	bc	36	55	8	-	8	0	4.6	-	1035.8	-8	ENE	4	bc	35	55	7	-	4	0	2.3	-	0	3	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Mildenhall ...	1036.0	-6	E	4	bc	42	55	9	-	2	0	4.6	-	1035.4	-6	E	3	bc	34	45	8	-	8	0	4.6	-	0	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Cranwell ...	1036.9	-4	ENE	3	bc	40	65	8	-	4	2.3	4.6	1500	1036.0	-2	E	2	bc	33	65	8	-	4	0	Tr	-	0	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
3	Birmingham ...	1035.4	-6	ENE	3	c	40	65	6	-	7	7.8	1500	1034.7	0	ENE	3	bc	38	55	6	-	5	6	0	4.6	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Upper Heyford	1034.3	-6	ENE	5	bc	43	55	9	-	8	0	Tr	-	1034.0	+4	ENE	5	bc	37	45	8	-	1	0	Tr	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
4	Ross-on-Wye ...	1033.1	-10	NE	5	bc	44	55	8	-	1	0	Tr	-	1033.0	+4	NE	3	bc	39	55	8	-	1	0	Tr	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
5	Hartland Point ...	1028.8	-14	ENE	5	bc	43	65	8	-	5	1	2.3	4000	1028.8	+6	NE	5	bc	43	65	8	-	-	0	0	-	0	4	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Bristol ...	1032.1	-12	ENE	4	bc	44	55	8	-	-	0	0	-	1032.2	+6	ENE	5	bc	40	45	7	-	4	0	2.3	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Portland Bill ...	1028.6	-8	E	6	bc	48	65	8	-	2	4.6	4000	1028.9	+12	E	5	bc	41	85	8	-	5	4	4000	-	1	5	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy							
	Plymouth ...	1027.3	-6	ENE	6	bc	44	35	8	-	4	1	2500	1028.8	+6	ENE	6	bc	45	36	7	-	-	0	0	-	1	2	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy							
	The Lizard ...	1025.1	+4	E	8	bc	43	75	7	-	6	4.6	4000	1024.5	+8	E	7	bc	44	92	8	-	4	2.3	2500	-	0	4	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy							
	Scilly (St. Mary's)	1025.1	-8	ENE	7	bc	44	65	7	-	5	4	2.3	4000	1024.5	+4	ENE	6	bc	45	45	8	-	5	2.3	2500	-	1	4	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Guernsey ...	1025.6	-4	ENE	6	bc	43	65	7	-	-	0	0	-	1025.3	+2	ENE	7	bc	40	75	7	-	7	2.3	2500	-	1	5	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Pembroke ...	1031.8	-8	E	4	bc	45	65	8	-	4	1	2.3	2500	1030.9	0	ENE	4	bc	44	75	8	-	2	2.3	2500	-	1	2	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Holyhead ...	1034.7	-10	ENE	7	bc	40	75	6	-	3	0	7.8	-	1034.1	0	ENE	6	bc	40	85	6	-	4	8	4000	-	1	3	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Chester (Sealand)	1037.0	-10	E	3	bc	40	75	6	-	10	10	2500	1035.6	-6	ENE	1	bc	39	75	6	-	3	3	2500	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy							
8	Manchester ...	1037.6	-6	NE	3	bc	39	85	5	-	10	10	1500	1035.7	-8	NE	3	bc	39	85	4	-	5	3	7.8	2500	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
10	Spurn Head ...	1038.7	-6	E	4	bc	37	85	8	-	10	10	1500	1036.9	-4	ESE	2	bc	35	85	8	-	3	4	5	4000	-	0	2	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Catterick ...	1038.5	-6	E	0	bc	42	75	7	-	10	10	4000	1035.5	-2	E	0	bc	38	85	7	-	5	-	10	10	2500	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy					
	Tynemouth ...	1038.9	-6	ESE	2	bc	39	92	6	-	4.6	4.6	2500	1036.9	+4	E	3	bc	39	85	6	-	5	-	4.6	4.6	2500	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy					
11	St. Abbs Head ...	1037.2	-12	SW	3	bc	45	85	8	-	4	2	2.3	4000	1035.5	-8	S	2	bc	39	75	8	-	4	4	2	4000	-	0	1	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy					
	Leuchars ...	1036.3	-14	SW	2	bc	47	55	6	-	6	0	7.8	-	1035.2	-6	-	0	bc	41	75	6	-	1	2	7.8	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
12	Benfrew (Abbots L.)	1037.7	-14	-	0	bc	36	75	3	-	6	0	Tr	-	1036.3	-6	W	1	bc	40	65	8	-	6	0	7.8	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy						
	Eskdalemuir ...	1037.0	-10	-	0	bc	44	45	8	-	6	0	2.3	-	1035.8	-2	-	0	bc	36	75	7	-	7	6	0	4.6	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy					
	Point of Ayre ...	1037.7	-2	SSE	3	c	45	75	8	-	3	4	Tr	7.8	1500	1036.0	-6	SSE	1	bc	38	85	8	-	3	0	0	-	0	1	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy					
13A	Tiree ...	1037.8	0	SSE	1	bc	44	75	8	-	4	4	4000	1034.9	-2	ENE	1	bc	40	85	8	-	5	-	7.8	7.8	4000	-	0	1	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy					
13B	Stormoway ...	1036.1	0	SW	3	bc	43	65	8	-	7	7	3	10	4000	1035.2	0	WSW	3	bc	41	75	8	-	7	7.8	30	2500	-	1	2	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy				
15	Dalwhinnie ...	*	-16	NW	2	bc	40	92	8	-	5	0	2.3	1500	*	-4	SE	1	bc	31	85	8	-	4	2	Tr	1	4000	-	7	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy					
	Aberdeen ...	1036.4	-8	SW	2	bc	47	55	6	-	1	0	Tr	-	1034.9	-4	-	0	bc	39	85	4	-	5	3	0	2.3	-	1	1	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy					
	Wick ...	1035.0	-2	WSW	3	c	45	75	8	-	7	8	4.6	7.8	2500	1033.1	-4	SW	2	bc	43	75	8	-	5	6	1	2.3	4000	-	1	1	bczy	bczy	bczy	bczy	bczy	bczy					
16	Lerwick ...	1031.2	-2	W	4	c/pr	45	85	7	-	7	8	4.6	800	1028.7	-2	W	4	c	44	92	7	-	7	7.8	30	800	-	1	*	bczy	bczy	bczy	bczy	bczy	bczy	bczy	bczy					
17	Blackod Point...	1035.5	-4	E	3																																						

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	
9 N. Midlands ...	
10 N.E. England	Wind west to northwest, moderate; becoming mainly cloudy; chance of slight local rain; becoming milder.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 4 - 9.
13 { A.W. Scotland. B.N.W. Scotland.	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.

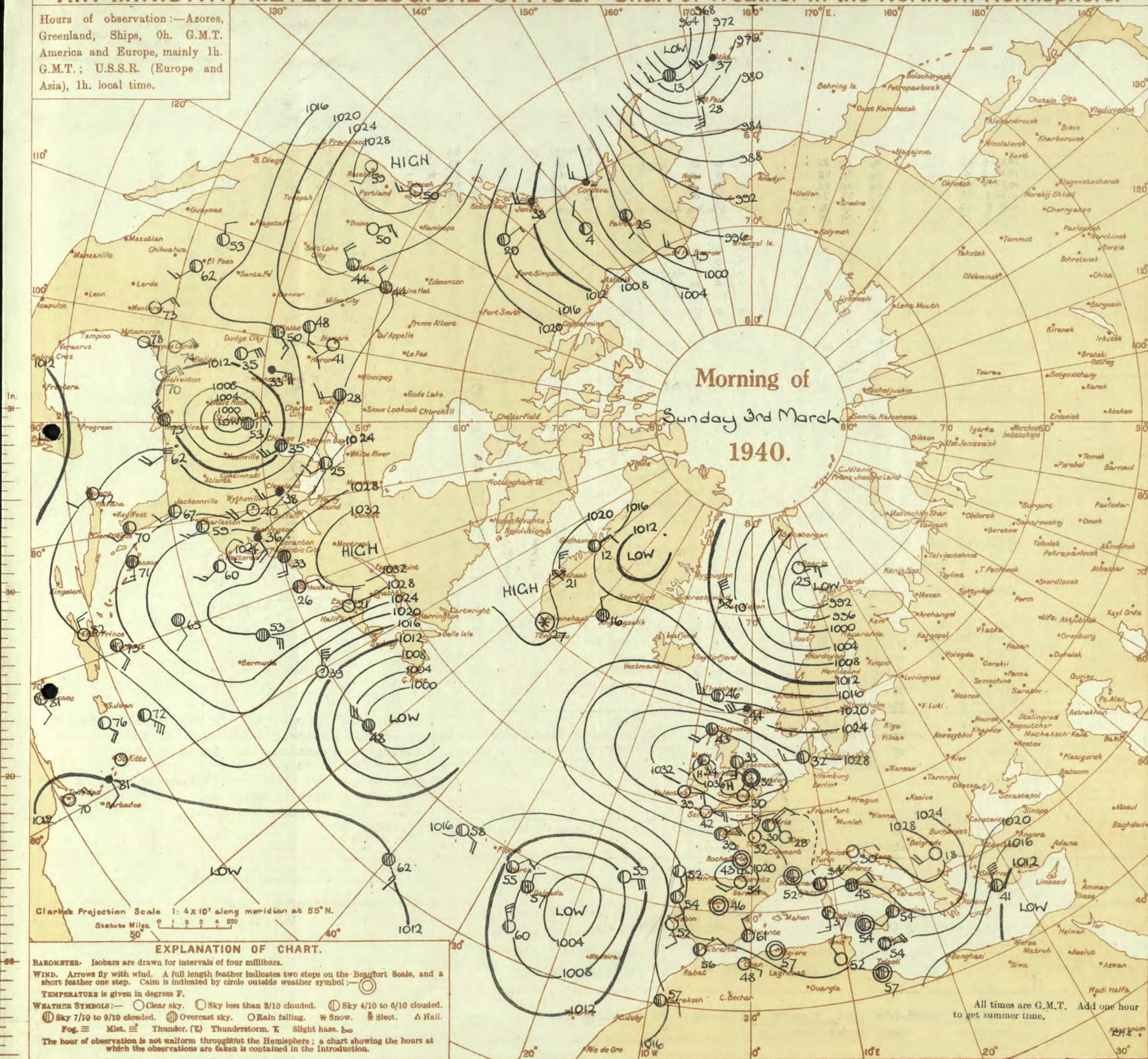
Fair over most of England and Ireland, but less bright in the East. Unsettled in Scotland.

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

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 3rd March 1940.
No 28591

OBSERVATIONS at 1 hr. G.M.T. 3rd March															OBSERVATIONS at 7 hr. G.M.T. 3rd March															PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					Barom. M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.					State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE 2nd Hrs.			
					Direc.	Force.					Form.	Amount.	Height of Base. (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.			Night 18h-7h mm.								
																																(3)	(4)	(5)	(6)		(7)	(8)	(9)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	032.7	+2	NE/N	2	Zo	30	85	6	-	-	4	0	2.3	-	3	*	42	30	24	-	-	8.8				
	Croydon	217	032.4	+2	NE	1	Zo	30	85	6	-	-	0	0	-	032.1	+2	NE	1	Zo	28	92	6	-	-	0	2.3	-	3	*	42	28	21	-	-	9.7			
	S. Farnborough	226	032.4	0	NE	3	Zo	31	75	6	-	-	0	0	-	032.7	+6	NNE	2	Zo	29	85	6	-	-	1	0	2.3	-	3	*	45	29	25	-	-	9.2		
	Boscombe Down	417	032.1	+2	NE'E	3	Zo	30	75	6	-	-	0	0	-	032.2	+2	NE	3	Zo	28	91	6	-	-	7	1	0	4.6	-	0	*	44	28	25	-	-	9.7	
	Calshot (Stamtn.)	8	030.9	+2	E'N	4	Zo	33	75	6	-	-	0	0	-	031.0	+6	NE	3	Zo	32	75	6	-	-	4	1	0	2.3	-	1	*	46	31	28	-	-	10.3	
	Lympe	346	031.9	+2	ENE	3	b	31	75	8	5	-	-	2.3	2500	031.0	-2	NE	4	bc	30	85	7	-	-	1	5	0	4.6	-	3	*	39	29	26	-	-	9.9	
	Manston	154	032.5	-2	E'N	4	b	34	65	7	-	-	-	0	0	032.2	+2	ENE	2	bc	32	75	7	-	-	5	0	2.3	-	3	*	39	31	26	-	-	9.3		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	032.7	+4	NE	1	b	29	85	7	-	-	0	0	-	3	*	41	27	21	-	-	9.3					
	Felixstowe	15	033.3	-4	NE'E	3	b	35	75	8	-	-	-	0	0	-	032.8	+2	NE'N	1	c	29	92	7	-	-	6	0	7.8	-	1	2	39	29	26	-	-	9.3	
	Gorleston	5	034.0	-14	E	3	b	34	65	7	-	-	-	0	0	-	033.3	-2	NE'E	1	bc	33	75	7	-	-	1	0	4.6	-	0	2	38	32	32	-	-	9.1	
	Mildenhall	19	034.5	-4	ENE	1	b	26	85	7	5	-	-	1	1	2500	033.8	-2	NNE	2	bc	24	92	7	-	-	5	0	4.6	-	0	*	44	23	19	-	-	9.0	
	Cranwell	240	035.0	-10	-	0	b	30	92	7	-	-	-	0	0	-	034.0	-6	-	0	F	25	97	1	-	-	0	0	-	-	3	*	42	24	22	Tr	Tr	5.2	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	034.3	-2	-	0	Zo	27	92	5	-	-	2	0	4.6	-	1	*	43	26	19	-	-	5.5				
	Upper Heyford	408	034.3	+6	E	3	b	29	85	7	-	-	-	0	0	-	034.0	+6	N	2	b	27	85	7	-	-	5	0	Tr	-	1	*	45	21	-	-	-	*	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	033.8	0	NE	2	bc	27	75	7	-	-	1	0	2.3	-	3	*	45	27	16	-	-	-	8.1			
5	Hartland Point	299	029.9	+14	ENE	4	bc	37	45	8	1	-	-	2.3	2.3	4000	030.6	+10	ENE	3	bc	32	65	8	4	-	-	2.3	2.3	2500	0	2	45	32	29	-	-	8.3	
	Bristol	209	033.3	+6	ENE	2	b	29	55	7	-	3	-	0	Tr	-	033.6	+8	NE	3	bc	26	85	7	-	3	1	0	2.3	-	3	*	(44)	26	20	-	-	9.4	
	Portland Bill	32	030.4	+16	E	5	b	34	92	8	-	-	-	0	0	-	029.3	+4	ENE	4	bc	36	85	8	5	-	-	4.6	4.6	4000	1	4	44	33	-	-	-	*	
	Plymouth	82	029.2	+14	ENE	4	Zo	36	55	6	-	-	-	1	0	Tr	030.0	+6	NE	3	Zo	33	75	6	-	4	2	0	4.6	-	1	3	47	32	28	-	-	8.4	
	The Lizard	240	027.3	+10	E'S	7	c	41	75	8	8	-	-	7.8	7.8	1500	028.0	+10	E'N	5	c	37	85	6	8	-	-	7.8	7.8	1500	0	3	45	36	-	-	7.6		
	Scilly (St. Mary's)	163	027.1	+4	E'N	5	c	42	75	6	5	-	-	7.8	7.8	1500	028.3	+12	ENE	5	c	39	92	7	5	-	-	7.8	7.8	1500	1	3	46	38	-	-	6.5		
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	027.7	+8	ENE	5	bc	37	75	6	-	-	1	8	0	4.6	-	1	5	44	36	30	-	-	9.5			
6	Pembroke	142	031.0	+2	ENE	4	bc	36	92	8	8	-	-	2.3	2.3	2500	031.7	+2	ENE	3	bc	33	75	7	5	4	-	2.3	2.3	2500	1	2	46	32	-	-	8.9		
7	Holyhead	26	034.2	0	ESE	4	b	36	85	5	-	-	-	0	0	-	033.3	-2	NE	2	bc	35	75	9	5	4	9	Tr	4.6	2500	1	2	41	34	29	-	-	4.7	
	Chester (Sealand)	16	036.0	+2	-	0	m	28	97	4	-	-	-	0	0	-	034.4	-6	-	0	m	27	97	4	-	-	1	0	2.3	-	3	*	41	27	22	-	-	0.0	
8	Manchester	70	035.4	-8	NE	1	Zo	30	92	5	5	-	-	1	1	2500	034.5	-2	-	0	bc	27	97	3	-	-	3	0	2.3	-	3	*	41	23	17	-	-	0.2	
10	Spurn Head	29	035.6	-6	-	0	bc	32	97	6	-	4	-	0	2.3	-	033.9	-4	NW	3	c	31	97	6	-	-	6	0	7.8	-	5	0	37	31	-	-	0.0		
	Catterick	175	035.2	-16	W'S	3	bc	34	92	7	5	-	-	4.6	4.6	2500	032.3	-14	-	0	bc	27	92	8	-	-	4	5	0	2.3	-	1	*	42	26	19	-	-	0.7
	Tynemouth	108	034.6	-14	S	3	bc	33	92	6	5	-	-	2.3	2.3	1500	031.2	-14	W	3	bc	34	92	6	2	3	1	2.3	4.6	2500	3	1	41	32	28	-	-	0.7	
11	St. Abbs Head	280	033.4	-12	WNW	2	b	39	45	6	-	-	-	0	0	-	029.9	-8	NNE	2	bc	41	55	8	4	6	9	2.3	4.6	1500	0	2	48	33	-	-	7.3		
	Leuchars	36	033.0	-18	W	3	Zo	34	85	6	-	-	-	0	0	-	029.5	-10	SW	4	c	34	75	8	-	-	4	9	0	7.8	-	3	*	50	31	22	-	-	4.6
12	Renfrew (Abbots I.)	19	035.3	-10	W'S	2	bc	30	92	3	-	-	-	0	0	-	033.0	-6	W'S	2	c	36	85	7	5	7	6	Tr	9	5700	3	*	49	28	22	-	-	8.6	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	032.7	-10	SE	2	bc	27	85	7	-	-	4	6	0	4.6	-	-	-	0	1	47	18	14	-	-	6.9	
	Point of Ayre	30	035.3	-2	SSW	2	b	29	97	8	-	-	-	0	0	-	033.7	-8	W'S	2	b	28	92	8	-	-	5	0	1	-	0	1	45	26	-	-	-	4.5	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	032.7	-6	WNW	2	c	42	85	8	5	-	-	-	9	9	4000	0	2	45	31	-	-	-	4.5			
13B	Stornoway	80	032.0	-20	SW	4	c	43	85	7	5	2	-	7.8	10	2500	029.6	-4	W	5	dd	45	97	5	5	-	-	10	10	800	1	3	44	41	-	-	0.0		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	032.7	-6	W	5	c	30	92	7	4	7	-	-	4	6	10	2500	8	*	45	21	16	-	-	7.5		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	028.8	-6	WSW	2	r	37	75	7	5	-	-	-	9	9	2500	3	1	47	31	25	-	-	8.1			
	Wick	81	029.4	-20	SW	3	c	40	85	7	5	7	-	7.8	9	1500	027.0	-10	WSW	5	id.	43	92	7	5	7	8	7.8	9	1500	1	2	48	36	-	-	0.5		
16	Lerwick	156	023.8	-22	WSW	6	ir	44	97	6	6	2	-	4.6	10	800	020.6	-10	W	5	c	45	97	7	8	7	-	7.8	9	800	1	*	46	43	-	-	0.1		
17	Blacksod Point	18	034.7	-4	SE	3	b	40	85	7	-	-	-	0	0	-	034.7	+4	NE	2	b	39	85	7	-	-	4	0	1	-	0	2	51	36	-	-	8.0		
18	Malin Head	84	035.9	-6	SW	1	b	34	85	8	5	-	-	1	1	5700	035.9	-10	S	1	c	32	85	8	5	-	-	7.8	7.8	5700	3	3	45	30	-	-	2.0		
	Aldergrove	268	036.0	-4	-	0	b	26	97</																														

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Monday 4th March. 1940
No. 28592

[illegible]

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

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

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

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

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

rr, continuous rain.

<, less than (for cloud height). ↘gale.

☉ Solar halo. ☾ lunar halo. ☀Aurora.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

\$ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

CLOUD.

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

COLUMN 29 —STATE OF GROUND.

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

CLOUD.

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

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

Cirrostratus, -Cs: Alto cumulus, -Ac: Altostratus, -As:

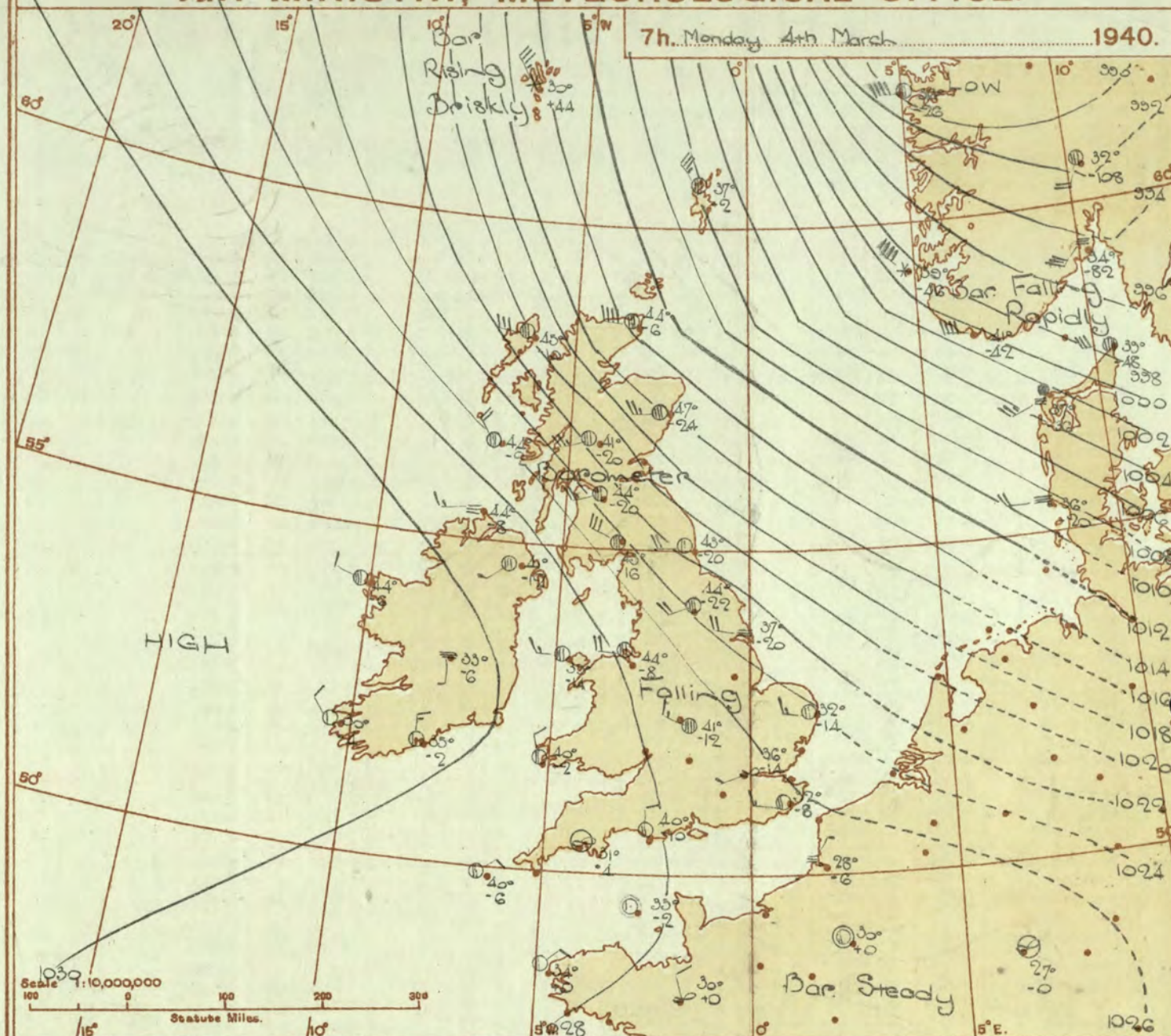
9 - STATE OF GROUND.

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

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 4th March 1940.



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	
6 South Wales ...	
7 North Wales ...	Fresh northwest winds, strong locally on coasts; bright intervals, local wintry showers. cold, frost at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind northwest to north strong to gale decreasing slowly; bright intervals, wintry showers; cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Moderate northwest wind, fresh locally on coasts; cloudy with local rain at first; bright intervals later, becoming colder with frost at night.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
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.

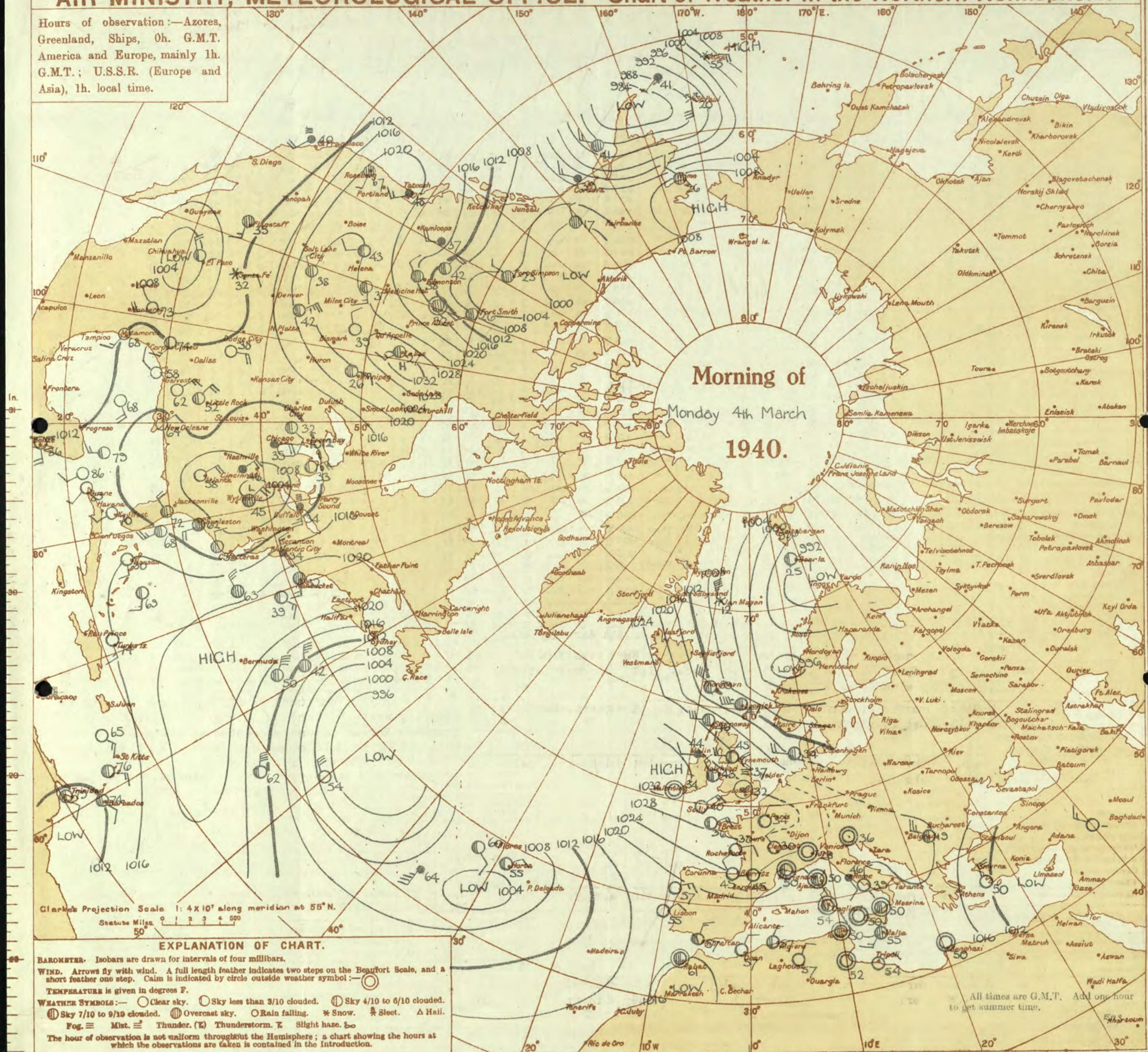
Forecasts issued at 1030 G.M.T.

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

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 4th March 1940.
No. 28522

OBSERVATIONS at 1 hr. G.M.T. 4th March															OBSERVATIONS at 7 hr. G.M.T. 4th March															PAST 24 HOURS.								
District.	STATIONS.	Height above M.S.L. in feet.	Barom. M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.				State of Ground. 0-9	Sea. 0-9	TEMPERATURE.			RAINFALL.		Sun-shine Hrs.				
					Direc.	Force. 0-12					Form.	Amount. 0-10	Height of Base. (feet)	Direc.			Force. 0-12	Form.					Amount. 0-10	Height of Base. (feet)	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.							
1	London (Kew) ... 18	1029.3	-6	*	*	*	*	32	85	4	*	*	*	*	1027.7	-12	SW	2	m	33	85	4	5	-	-	24	24	2500	3	*	45	31	21	-	Tr	7.9		
	Croydon ... 217	1029.3	-6	*	*	*	*	32	85	4	*	*	*	*	1026.9	-14	SW	1	20	36	92	6	5	-	-	9	9	1500	1	*	48	31	24	-	-	-	8.8	
	S. Farnborough ... 226	1030.0	-6	*	*	*	*	28	92	2	-	-	-	-	1027.5	-12	WSW	2	20	28	92	6	-	-	6	0	2-3	0	*	49	25	22	-	-	-	8.0		
	Boscombe Down ... 417	1030.1	-2	NW	1	20	32	85	6	-	-	-	-	-	1028.2	-10	NW	1	20	30	92	6	-	-	1	0	2-3	0	*	49	29	25	-	-	-	9.6		
	Calshot (Stmnt.) ... 8	1029.6	-4	NNW	1	20	31	92	3	-	-	-	-	-	1027.8	-10	NW	1	20	30	92	6	-	-	1	0	1	1	*	47	27	23	-	-	-	9.7		
	Lympne ... 346	1028.5	-10	WNW	2	20	34	65	7	-	-	-	-	-	1026.1	-8	WNW	3	bc	32	85	6	-	-	6	0	4-6	3	*	45	30	23	-	-	-	10.1		
	Manston ... 164	1028.4	-14	WSW	3	bc	30	75	7	-	-	-	-	-	1025.6	-14	WN	3	m	33	85	4	-	-	6	0	4-6	3	*	43	30	21	-	-	-	9.7		
2	Shoeburyness ... 11	1027.9	-10	W	1	m	35	85	4	-	-	-	-	-	1026.3	-14	WN	1	f	35	92	3	5	-	-	10	10	450	3	*	45	32	10	-	-	-	9.5	
	Felixstowe ... 15	1027.9	-10	W	1	m	35	85	4	-	-	-	-	-	1024.5	-14	W	1	m	33	92	4	-	-	8	0	9+	1	2	44	33	27	-	-	-	9.1		
	Gorleston ... 5	1027.4	-8	W	3	bc	36	75	7	-	-	-	-	-	1024.3	-14	WNW	3	bc	32	85	5	5	-	-	2-3	2-3	2500	0	2	47	32	31	-	-	-	8.5	
	Mildenhall ... 19	1028.0	-6	SW	2	m	32	85	4	-	-	-	-	-	1025.0	-18	SW	2	F	33	97	1	-	-	10	10	450	1	*	49	29	25	-	-	-	8.1		
	Cranwell ... 240	1027.9	-6	W	2	20	34	92	5	-	-	-	-	-	1024.2	-18	WN	3	bc/f	36	97	4	-	-	6	0	4-6	1	*	48	33	20	-	-	-	5.5		
3	Birmingham ... 535	1029.6	-4	NNW	1	20	32	85	6	-	-	-	-	-	1026.7	-12	NW	3	0	41	92	5	5	-	-	10	10	450	1	*	47	35	29	-	-	-	6.4	
	Upper Heyford ... 408	1029.6	-4	NNW	1	20	32	85	6	-	-	-	-	-	1027.3	-14	WNW	3	20	37	97	6	5	-	-	9	9	1500	1	*	53	31	*	-	-	-	*	
	Ross-on-Wye ... 223	1029.6	-4	NNW	1	20	32	85	6	-	-	-	-	-	1028.2	-8	SE	1	20	26	92	5	-	-	2	0	4-6	3	*	50	26	16	-	-	-	10.1		
5	Hartland Point ... 299	1030.5	+2	SE	1	b	41	75	7	-	-	-	-	-	1028.9	-4	N	1	b	41	85	8	-	-	1	0	Tr	0	1	44	40	30	-	-	-	9.6		
	Bristol ... 209	1030.5	-6	-	0	20	31	85	5	-	-	-	-	-	1028.7	-10	E	1	bft	28	92	3	-	-	1	0	1	1	*	49	27	-	-	-	-	9.5		
	Portland Bill ... 32	1029.5	-2	NE	2	b	40	85	8	-	-	-	-	-	1028.1	-10	N	2	bc	40	85	7	5	-	-	4-6	4-6	4000	1	3	43	39	-	-	-	-		
	Plymouth ... 82	1030.5	+2	-	0	20	33	85	5	-	-	-	-	-	1029.3	-4	-	0	20	31	85	5	-	-	5	0	4-6	3	1	49	30	34	-	-	-	8.7		
	The Lizard ... 240	1030.3	+4	E/N	2	bc	39	75	7	4	-	-	2-3	2-3	2500	0	NNE	2	bc	39	65	7	8	-	-	2-3	2-3	2500	0	1	44	37	-	-	-	-	6.1	
	Scilly (St. Mary's) ... 163	1030.2	0	NE	3	b	40	75	8	-	-	-	-	-	1028.9	-6	NE	2	bc	40	75	7	5	-	-	2-3	2-3	1500	0	2	44	37	-	-	-	-	3.9	
	Guernsey ... 175	1029.1	0	ENE	3	b	40	75	8	-	-	-	-	-	1028.2	-2	-	0	33	85	7	-	-	8	0	4-6	3	3	45	32	24	-	-	-	-	8.3		
6	Pembroke ... 142	1030.6	0	NW	1	b	39	75	8	5	-	-	Tr	Tr	2500	0	NW	2	bc	40	97	6	5	-	-	2-3	2-3	2500	1	1	48	36	-	-	-	-	9.7	
	Holyhead ... 26	1030.5	-18	NNW	3	c	43	85	7	8	-	-	10	10	2500	0	WN	3	c	43	92	8	5	2	-	9+	10	1500	1	2	46	41	35	-	-	-	9.1	
	Chester (Sealand) ... 16	1029.9	-8	NW	2	c	40	85	7	5	-	-	10	10	1500	0	WNW	4	c	44	85	7	5	-	-	10	10	800	1	*	51	35	28	-	-	-	7.3	
	Manchester ... 70	1029.7	-8	WSW	1	m	39	92	4	5	-	-	10	10	2500	0	S	4	d.c.	41	97	5	5	2	-	7-8	10	800	1	*	48	37	28	-	-	-	5.7	
10	Spurn Head ... 29	1026.9	-8	WNW	4	m	37	92	4	-	-	-	0	0	-	1022.7	-20	WN	4	off	37	97	3	-	-	6	0	7-8	5	2	47	36	-	-	-	-	6.4	
	Catterick ... 175	1026.7	-14	-	0	20	34	92	6	-	-	-	3	1	0	2-3	-	WSW	4	c	44	75	8	-	-	7	2	0	7-8	1	*	53	32	24	-	-	-	5.4
	Tynemouth ... 108	1026.3	-18	W	3	bc	42	92	6	2	-	-	2-3	2-3	2500	0	W	4	bc	43	85	7	5	3	-	4-6	4-6	2500	1	1	49	41	36	-	-	-	-	
11	St. Abbs Head ... 280	1024.3	-10	WNW	4	bc	45	85	8	4	-	-	2-3	4-6	2500	0	W	6	eg	46	75	8	5	6	-	7-8	7-8	2500	0	3	49	42	-	-	-	-	*	
	Leuchars ... 36	1024.6	-16	S	2	bc	40	92	7	5	-	-	2-3	2-3	1000	0	WNW	3	c	47	75	9	-	-	0	9	-	-	-	1	*	52	39	35	-	-	-	5.1
12	Renfrew (Abbots I.) ... 19	1028.1	-10	WSW	4	c	44	92	7	5	-	-	2	7-8	9	1500	0	W'S	5	c	44	92	8	5	7	-	9	9+	1500	1	*	46	42	38	-	-	-	2.0
	Eskdalemuir ... 794	1028.1	-10	WSW	4	c	44	92	7	5	-	-	2	7-8	9	1500	0	W'S	5	c	44	92	8	5	7	-	9	9+	1500	1	*	46	42	38	-	-	-	6.8
	Point of Ayre ... 30	1029.7	-6	NNW	5	c	44	97	8	5	-	-	10	10	2500	0	NW	6	c	43	85	8	5	7	-	4-6	7-8	1500	1	3	48	38	33	-	-	-	0.2	
	Point of Ayre ... 30	1029.7	-6	NNW	5	c	44	97	8	5	-	-	10	10	2500	0	NW	6	c	43	85	8	5	7	-	4-6	7-8	1500	1	3	48	38	33	-	-	-	7.2	
13A	Tiree ... 22	1023.9	-16	W	6	c	46	92	7	5	7	-	7-8	9+	2500	0	NW	4	c/d	44	97	7	5	-	-	9+	9+	1500	1	3	48	43	-	-	-	-	0.5	
13B	Stornoway ... 80	1023.9	-16	W	6	c	46	92	7	5	7	-	7-8	9+	2500	0	NW	4	c/d	44	97	7	5	-	-	9+	9+	1500	1	3	48	43	-	-	-	-	0.4	
15	Dalwhinnie ... 1176	1023.9	-16	W	6	c	46	92	7	5	7	-	7-8	9+	2500	0	NW	4	c/d	44	97	7	5	-	-	9+	9+	1500	1	3	48	43	-	-	-	-	0.4	
	Aberdeen ... 79	1018.9	-28	WNW	7	id.	46	97	7	5	7	8	7-6	9	1500	0	WNW	8	c/r	44	92	7	5	7	-	7-8	10	1500	1	3	49	43	-	-	-	-	0.5	
	Wick ... 81	1018.9	-28	WNW	7	id.	46	97	7	5	7	8	7-6	9	1500	0	WNW	8	c/r	44	92	7	5	7	-	7-8	10	1500	1	3	49	43	-	-	-	-	0.5	
	Lerwick ... 156	1007.9	-50	WSW	8	c	47	85	7	8	7	-	7-6	9	1500	0	NW	7	c/r	37	85	7	5	7	-	4-6	10	800	1	3	48	35	-	-	-	-	0.1	
17	Blackod Point ... 18	1033.2	-2	-	0	c	40	97	7	-	1	-	0	10	-	1030.9	-6	NW	2	c	44	97	7	5	-	-	10	10	800	0	3	49	38	-	-	-	-	*
18	Malin Head ... 84	1031.1	-2	W	2	d.c.	44	97	4																													

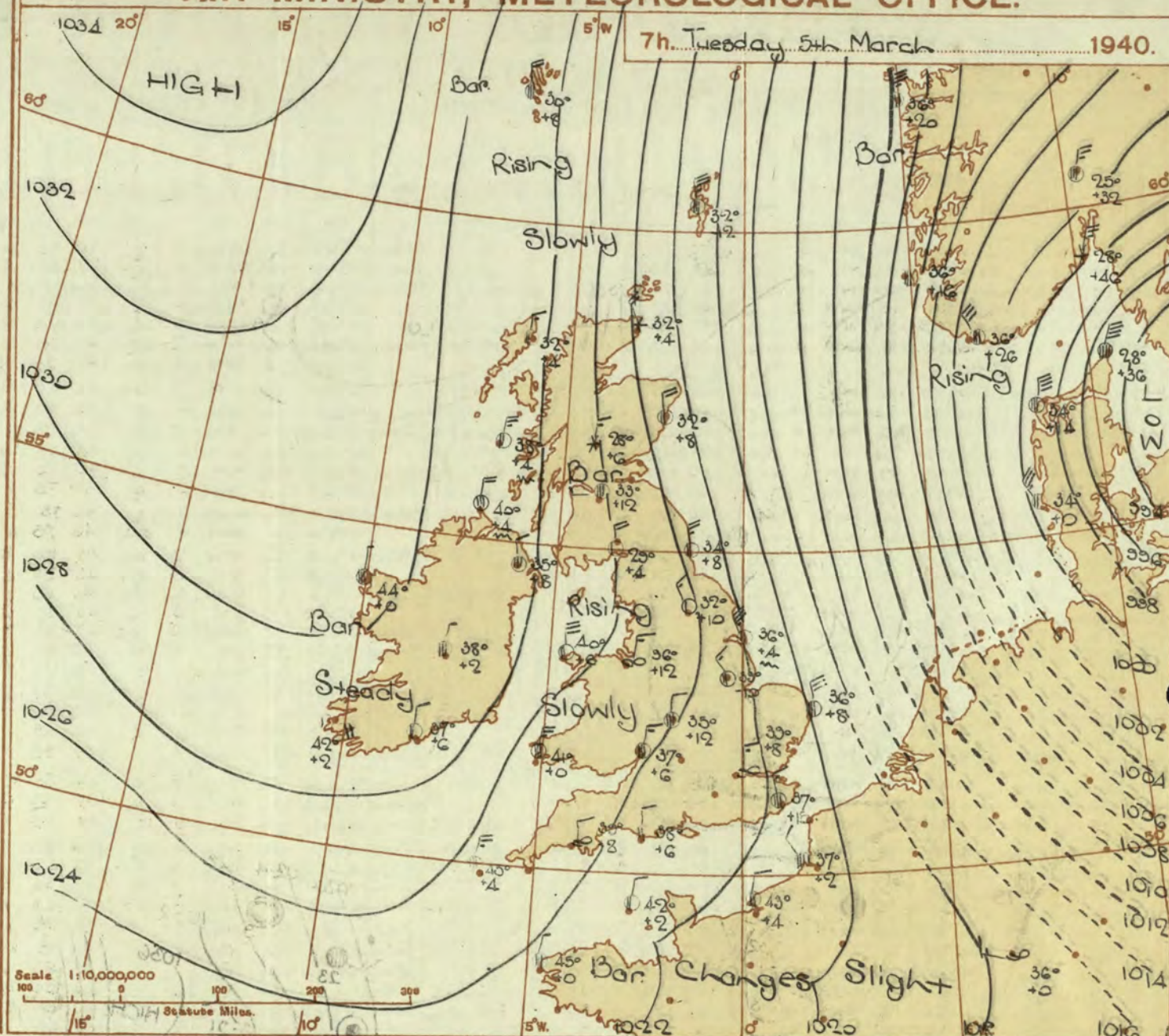
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.	COLUMNS 9, 23.—FORM OF LOW CLOUD.	COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.	COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.	
b, blue sky (not more than a quarter covered with cloud). bc, sky partly cloudy (one half covered). c, generally cloudy. d, drizzle. e, wet air. g, gloom. f, fog, visibility 220-1100 yds. F, thick fog „ less than 220 yds. fa, low fog over sea (coast station). fg, low fog over land (inland station). m, mist, visibility 1100-2200 yds. h, hail. i, intermittent. jf, fog at distance, but not at station. jp, precipitation within sight of station. ka, storm of drifting snow. k/s, slight storm of drifting snow (generally low). k/S, heavy storm of drifting snow (generally low). s _o /k, slight storm of drifting snow (generally high). S/k, heavy storm of drifting snow (generally high). KQ, line squall. l, lightning. o, overcast sky. p, passing showers.	q, squalls. r, rain. s, snow. rs, sleet. t, thunder. u, ugly, threatening sky. v, unusual visibility. w, dew. x, hoar frost. y, dry air. z, dust haze: the turbid atmosphere of dry weather. h(r), "hail" or "rain and hail." Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r _o , slight rain. rr, continuous rain. Δ, less than (for cloud height). Δgalo. ☉ Solar halo. ☾ Lunar halo. Δ Aurora. With present weather is combined, whenever possible, the general character of the weather. A "solidus" divides actual existing weather from preceding conditions thus: —bc/r, fair weather after rain; —l, has decreased; +, has increased.	0 No low clouds. 1 Fair weather Cu. 2 Large Cu without anvil. 3 Cb. 4 Sc formed by the spreading out of Cu. 5 Layer of St or Sc. 6 Ragged low clouds of bad weather (or fractonimbus). 7 Fair weather Cu and Sc. 8 Large-Cu (or Cb) and Sc. 9 Large-Cu (or Cb) and ragged low clouds of bad weather. COLUMNS 12, 13, 26, 27. Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud. An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings. § Sea disturbance reported from Dungeness.	0 No medium clouds. 1 Typical As (thin). 2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns). 3 Single layer of Ac or high So. 4 Ac in isolated patches. Individually decreasing (often lenticular). 5 Ac in bands (increasing). 6 Ac formed from the spreading out of Cu. 7 Ac associated with As or As with parts resembling Ac. 8 Ac Castellatus (or Ac in ragged fragments). 9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky. Cloud form abbreviations:— Cirrus,—Ci Cirrocumulus,—Cc Cirrostratus,—Cs Altcumulus,—Ac Altostratus,—As Stratocumulus,—Sc Stratus,—St Nimbostratus,—Ns Cumulus,—Cu Cumulonimbus,—Cb COLUMN 29.—STATE OF GROUND. 0 .. Ground dry. 1 .. " wet. 2 .. " flooded. 3 .. " frozen hard and dry. 4 .. " partly covered with snow or hail. 5 .. " covered with ice or glazed frost. 6 .. " covered with thawing snow. 7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen. 8 .. " covered with snow, less than 6 ins., but ground frozen. 9 .. " covered with snow greater than 6 ins. deep. .. Fresh snow has fallen in the mountains.	0 No cirriform cloud. 1 Fine Ci not increasing: sparse. 2 Fine Ci not increasing: abundant but not a continuous layer. 3 Anvil Ci (usually dense). 4 Fine Ci increasing: usually in tufts. 5 Ci or Cs increasing: still below 45° altitude: often in polar bands. 6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands. 7 Veil of Cs covering whole sky. 8 Ca not increasing and not covering whole sky. 9 Ce predominating, and a little cirrus. (Co may occur with any of the types 1 to 8).

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. 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 ...	Wind northerly fresh, strong squally on coast; bright periods; wintry showers especially near coast; cold, night frost.
8 N.W. England	
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.	
13 { A.W. Scotla. B.N.W. Scot- land.	As 10 - 11.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	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.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	Wind northeast light; mainly fine; average day temperature; night frost.
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 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.

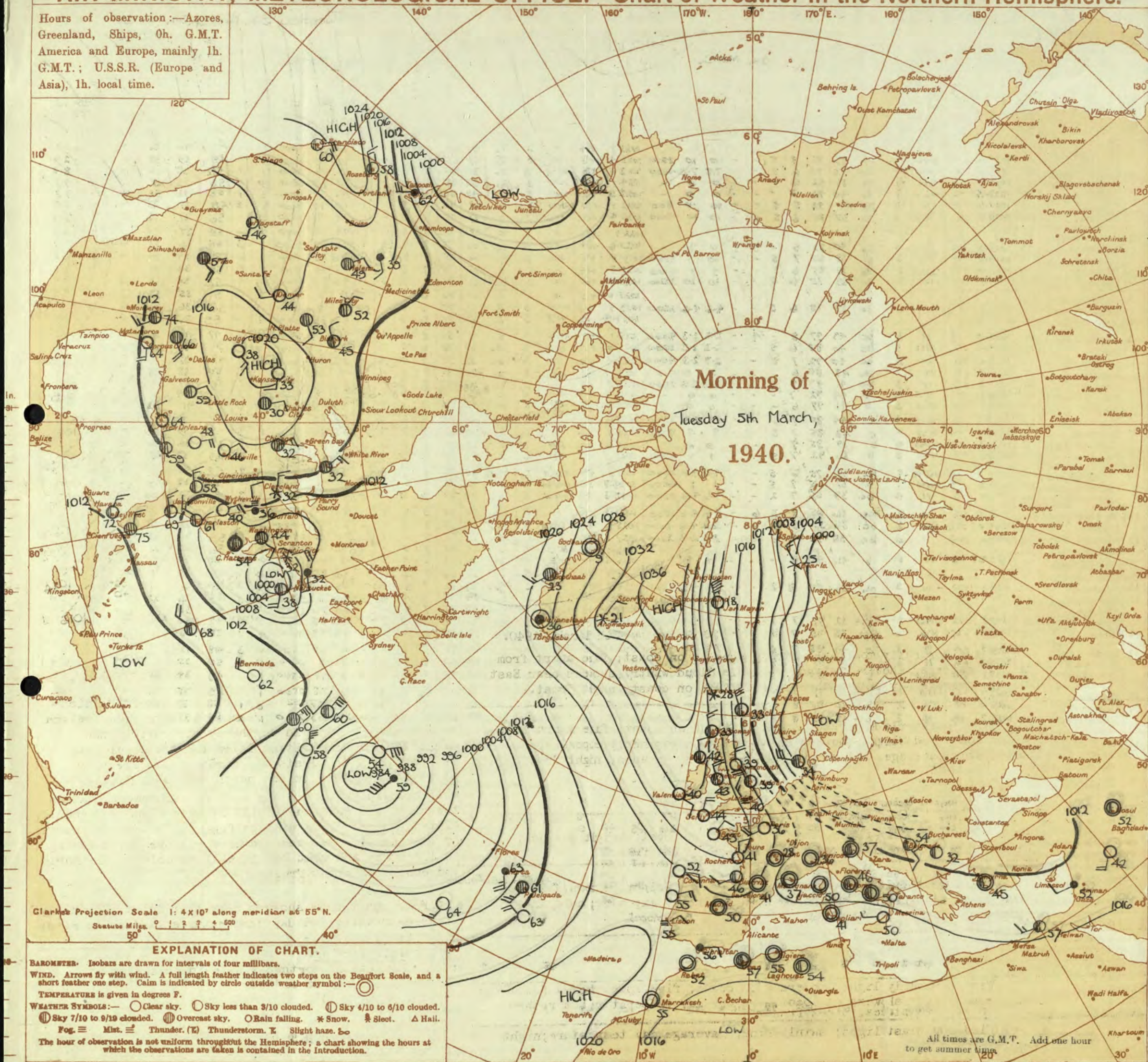
Warning of northwest gale in operation in districts 10, 11, 15 and 16.

Forecasts issued at 1000 G.M.T.
H.M.S.O. Press, Cornwall House, S.E.1.

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 5th March 1940
No 28593

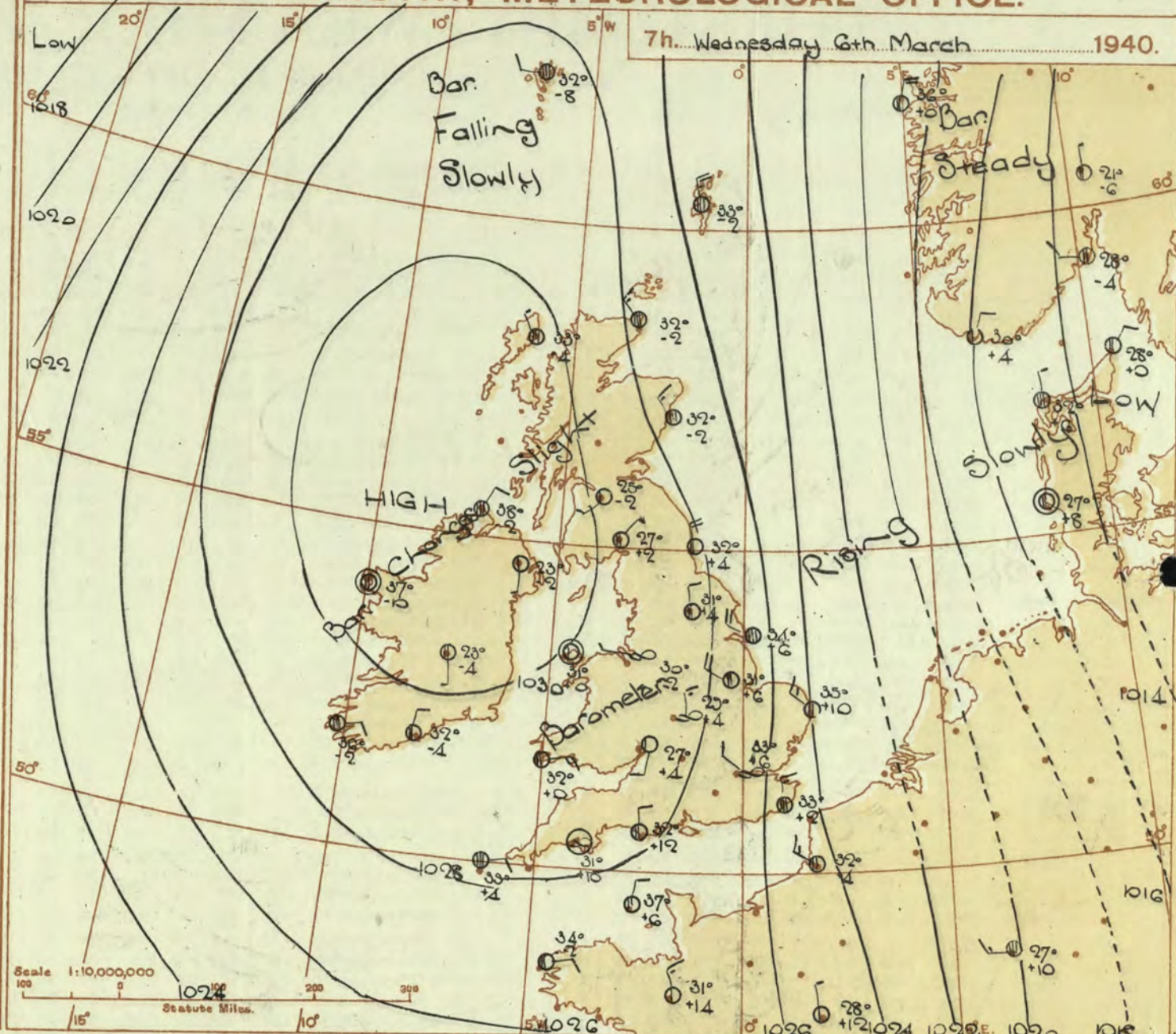
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EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

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

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 ...	
10 N.E. England	As 1 - 3.
11 S.E. Scotland	As 7 - 8.
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B. N. W. Scot. land.	
14 Mid Scotland	Wind northwest light, backing southwest moderate; fair to-day, cloud increasing with occasional rain to-morrow; cold but temperature rising.
15 N. E. Scotland	As 7 - 8.
16 Orkneys and Shetlands	Wind northwest moderate backing southwest; occasional snow showers to-day, occasional rain to-morrow; cold but temperature rising.
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.

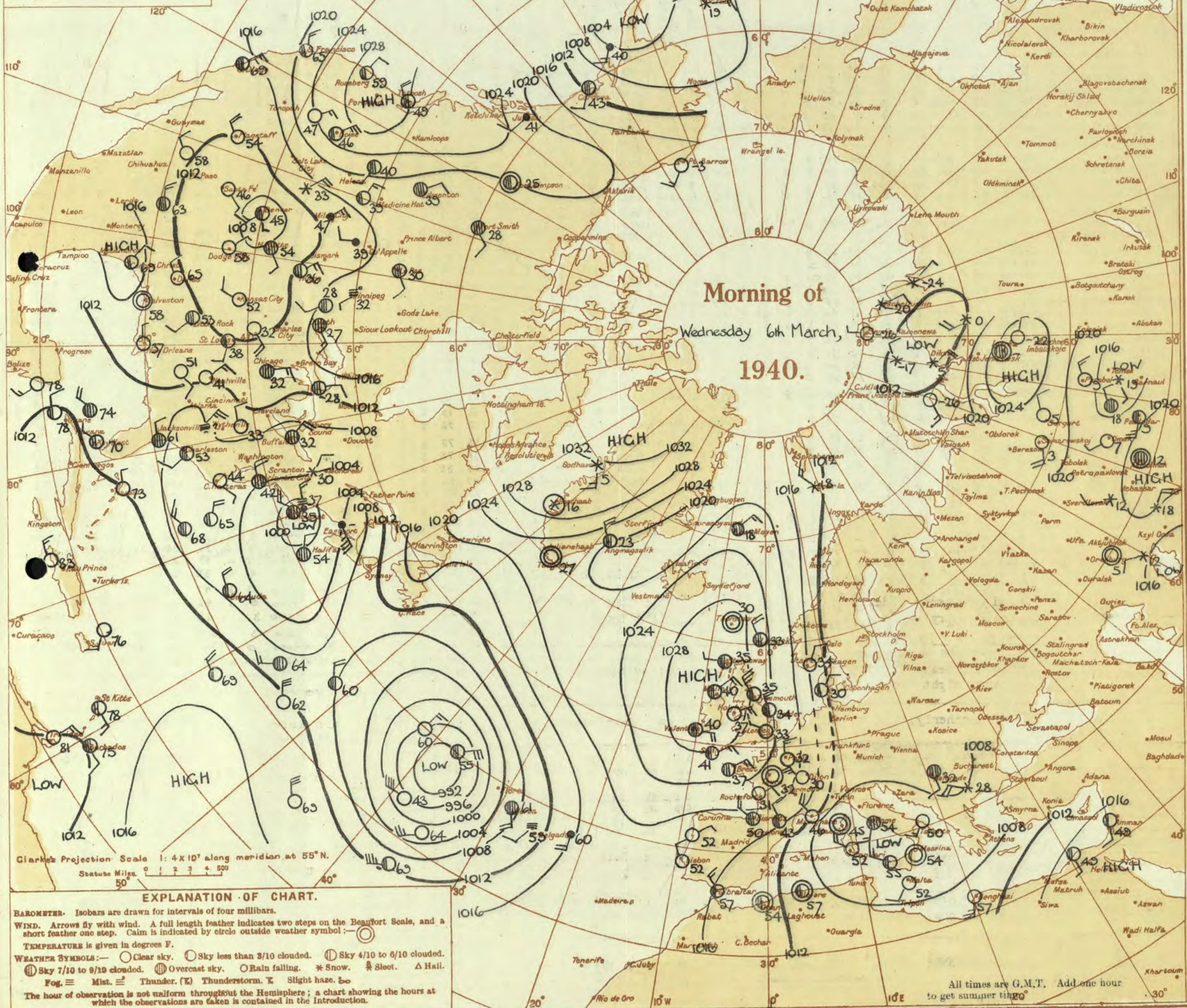
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

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

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



AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Wednesday 6th March 1940.
No. 28594

OBSERVATIONS at 1 hr. G.M.T. 6th March														OBSERVATIONS at 7 hr. G.M.T. 6th 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. 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.	TEMPERATURE.			RAINFALL.			Sun-shine Hrs.		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																Low.	Med.	High.		Low.	Med.
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1026.8	+6	NNW	3	20	33	75	6	5	-	2-3	2-3	2500	3	*	43	32	22	-	-	7.0			
	Croydon	217	1026.9	+6	W/N	2	20	33	65	5	-	-	-	1026.4	+6	NW/W	2	20	33	85	5	5	-	9+	9+	2500	1	*	42	31	27	-	-	5.2			
	S. Farnborough	226	1027.3	+6	NW	2	20	28	85	6	-	-	-	1027.9	+10	NW/W	2	20	31	75	6	5	3	-	2-3	2-3	4000	3	*	45	26	21	-	-	7.1		
	Boscombe Down	417	1027.8	+8	N	2	20	29	85	6	-	-	-	1028.7	+8	NW/W	2	20	28	85	6	5	-	1	1	4000	0	*	42	26	21	-	-	6.8			
	Calshot (Stmntn.)	8	1027.0	+4	NW/N	2	20	35	75	5	-	-	-	1027.2	+4	NW/N	2	20	30	85	6	5	-	5	5	1	1	4000	3	1	45	29	25	-	-	6.8	
	Lymington	346	1024.8	+2	NNW	4	6	31	85	8	5	-	-	1024.9	+2	NNW	3	20	33	92	7	5	-	9+	9+	1500	1	2	41	30	27	-	-	7.5			
	Manston	154	1024.1	+2	NW/N	5	6	35	75	7	-	-	-	1024.3	+6	NNW	4	20	34	85	6	5	-	10	10	450	0	*	43	32	30	-	-	9.2			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1025.2	+6	NW	2	15	33	92	6	5	-	9	9	2500	3	*	45	31	22	-	-	6.9			
	Felixstowe	15	1023.4	+2	NW	4	6	34	85	6	-	-	-	1024.1	+8	NNW	3	20	33	97	5	5	-	2-3	2-3	450	4	2	43	31	29	-	-	7.5			
	Gorleston	5	1022.6	+4	NW	3	bc	33	75	8	8	-	-	1023.2	+10	NNW	3	bc	35	85	6	5	-	2-3	2-3	2500	1	2	40	32	30	-	-	7.3			
	Mildenhall	19	1025.0	+2	NW	3	bc/ps	32	85	6	5	-	-	1025.6	+10	NNW	4	20	33	97	6	5	-	10	10	2500	1	*	44	31	27	-	-	6.6			
	Cranwell	240	1025.9	+2	NNW	4	bc	32	75	7	5	-	-	1026.7	+6	NW/N	4	bc	31	75	7	5	4	1	2-3	2-3	2500	3	*	42	30	25	-	-	6.3		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1029.1	+4	NNW	3	20	29	75	5	-	6	0	2-3	-	1	*	41	29	25	-	-	5.4			
	Upper Heyford	408	1027.2	+8	NNW	2	20	29	85	6	-	-	-	1028.1	+8	NNW	3	20	28	85	6	-	3	5	0	1	-	1	*	46	27	32	-	-	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1029.0	+4	SSW	2	20	27	75	7	-	1	0	1	-	*	*	43	25	14	-	-	6.3			
5	Hartland Point	299	1028.1	+10	ENE	2	b	37	65	8	-	-	-	1028.8	+4	NE	1	bc	35	65	8	1	4	-	1	2-3	2500	0	2	44	35	31	-	-	8.2		
	Bristol	209	1028.8	+10	-	0	20	31	75	5	-	-	-	1029.5	+8	SW	1	20	27	85	6	-	9	0	2-3	-	3	*	45	26	14	-	-	6.4			
	Portland Bill	32	1027.3	+12	NE	2	bc	34	92	7	5	-	-	1028.1	+12	N	2	bc	32	92	7	5	-	4-6	4-6	4000	1	2	46	31	*	-	-	*			
	Plymouth	82	1028.5	+12	ENE	1	20	35	65	6	-	-	-	1029.2	+10	-	0	20	31	75	5	-	1	0	1	-	3	1	49	30	21	-	-	6.2			
	The Lizard	240	1028.1	+4	N	3	c	35	75	8	8	-	-	1028.4	0	N	3	bc	35	85	8	8	-	4-6	4-6	2500	0	1	48	32	*	-	-	7.0			
	Scilly (St. Mary's)	163	1028.0	+8	NEN	3	c	41	65	8	6	-	-	1028.0	+4	E/N	2	c	39	75	7	5	-	9+	9+	2500	0	2	45	37	*	-	-	0.3			
	Guernsey	175	1026.5	+8	NNE	3	bc	40	55	8	2	3	-	-	1027.3	+6	NNE	2	b	37	65	7	1	7	-	1	2-3	2500	0	3	45	36	28	-	-	6.3	
6	Pembroke	142	1028.5	+4	NE/E	3	bc	35	75	7	5	-	-	1029.1	0	E/N	3	bc	32	85	8	5	4	-	2-3	2-3	2500	3	1	45	31	*	-	-	2.6		
7	Holyhead	26	1029.9	+10	NE/E	3	b	37	75	8	5	-	-	1029.8	0	-	0	b	31	85	9	1	3	-	1	1	4000	1	1	43	30	21	-	-	5.1		
	Chester (Sealand)	16	1029.5	+8	NW	2	20	32	65	6	-	-	-	1029.2	-2	WNW	1	20	30	75	6	-	0	0	-	3	*	41	27	24	-	-	9.3				
8	Manchester	70	1029.2	+6	WNW	3	20	27	85	5	-	-	-	1029.5	+2	N	1	m	26	85	4	-	5	5	0	4-6	-	3	*	43	24	15	-	-	7.4		
10	Spurn Head	29	1024.4	+4	NW	5	cq	34	97	7	8	-	-	1025.9	+6	NNW	4	c/rs	34	97	6	8	-	5	7-8	9	800	1	3	45	34	*	-	-	6.6		
	Catterick	175	1028.0	+10	NNW	3	b	33	75	7	-	-	-	1028.3	+4	NW	2	bc	31	75	8	5	-	6	1	4-6	4000	0	*	42	31	32	-	-	7.3		
	Tynemouth	108	1027.0	+6	NNW	5	bc	35	75	7	2	-	-	1028.0	+4	NNW	4	bc	32	92	8	2	-	4-6	4-6	2500	2	3	39	32	28	-	-	*			
11	St. Abbs Head	280	1028.1	+6	NNW	6	bcq	35	85	8	2	-	-	1027.9	0	WNW	4	c	33	75	9	3	3	6	4-6	7-8	1500	0	3	37	33	*	-	-	*		
	Leuchars	36	1029.2	+2	WNW	3	b	33	85	8	5	-	-	1028.9	-2	WNW	3	bc	31	75	8	5	7	9	4-6	4000	3	*	41	31	23	-	-	8.2			
12	Renfrew (Abbots L.)	19	1030.8	+2	-	0	b	26	85	9	-	-	-	1030.5	-2	SW	1	b	25	85	8	5	5	1	1	7200	3	*	43	23	15	-	-	6.7			
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1029.7	+2	NE/N	1	bc	27	85	8	5	3	1	1	2-3	2500	3	*	40	24	17	-	-	8.8		
	Point of Ayre	30	1030.0	+4	ENE	4	b	36	75	8	-	-	-	1030.0	0	NW	1	b	29	85	8	-	0	0	-	3	1	44	28	*	-	-	-	6.7			
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1024.8	0	NNE	3	bc	76	8	1	1	-	2-3	2-3	4000	0	2	52	42	39	0.2	-	3.8			
13B	Stornoway	80	1031.3	0	W	1	c	35	85	8	5	7	-	1030.1	-4	NW	1	c	33	92	8	5	7	-	7-8	9+	2500	1	1	41	32	*	-	-	1.7		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1029.9	-2	N	3	c	29	97	8	5	6	-	7-8	9+	4000	4	*	35	27	23	-	-	3.6		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1027.7	-2	NW	3	c/ps	32	92	8	5	4	6	7-8	9	2500	4	2	39	30	28	0.2	-	6.6		
	Wick	81	1028.4	0	NW	4	bc	34	97	7	5	4	-	1027.6	-2	NW	3	c	32	97	7	5	7	8	7-8	9+	1500	4	2	39	31	*	0.4	0.1	*		
16	Lerwick	156	1026.3	0	NNW	4	c	33	85	8	7	-	-	1025.4	-2	NNW	5	c/ps	33	85	8	8	7	-	4-6	7-8	800	4	*	38	31	*	0.5	0.1	*		
17	Blacksod Point	18	1031.6	0	E	2	b	38	85	8	-	-	-	1030.1	-10	-	0	bc	37	65	8	4	-	4-6	4-6	2500	0	3	47	35	*	-	-	*			
18	Malin Head	84	1031.4	+2	NNE	3	q/pr	40	55	7	4	-	-	1030.3	-2	NE	2	c	38</																		

THE DAILY WEATHER REPORT

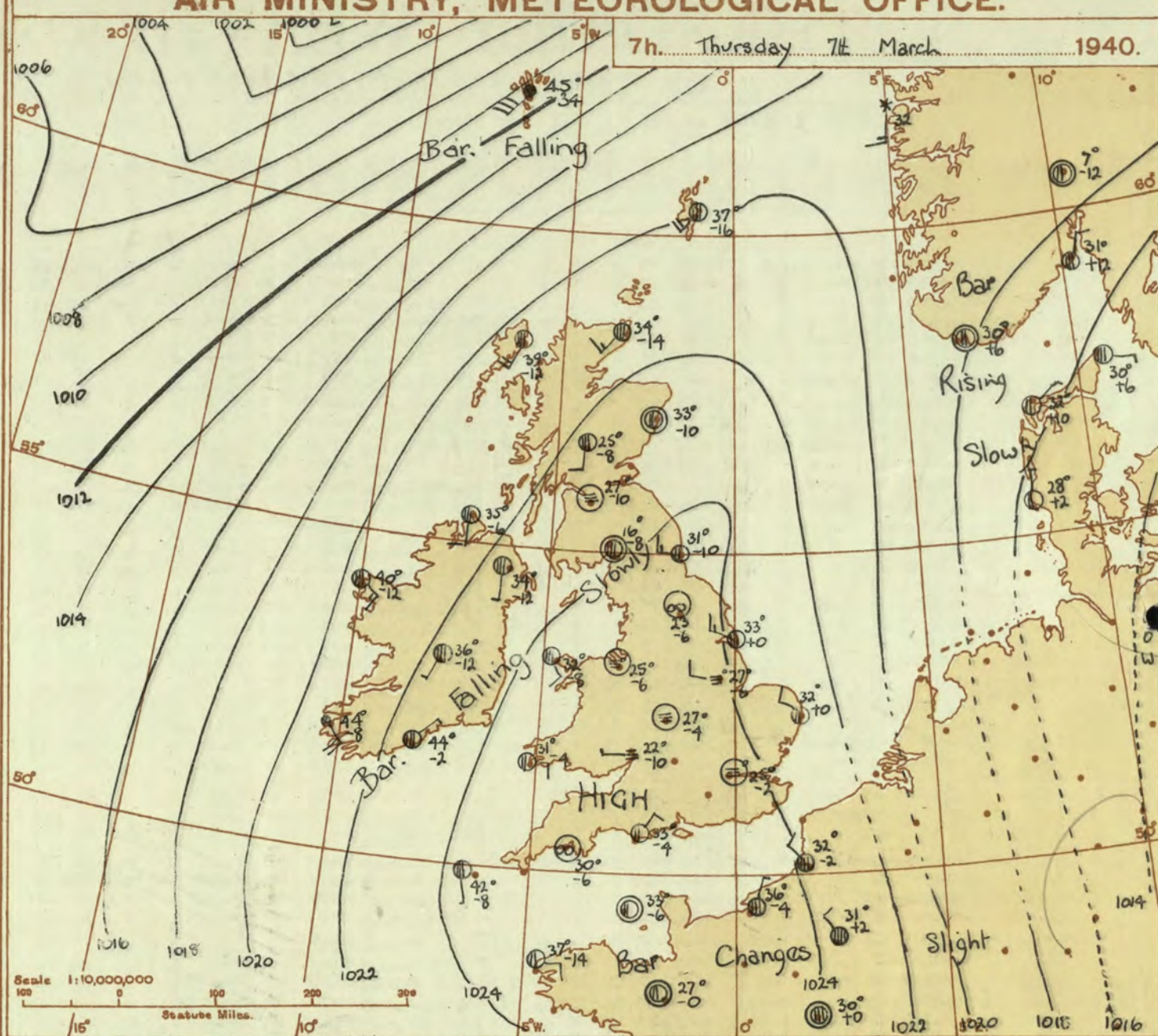
OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Thursday 7th March 1940.
No 26595

OBSERVATIONS at 13h. G.M.T. 6th March														OBSERVATIONS at 18h. G.M.T. 6th March														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.			Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			Barom. at M.S.L. (29)	Change in 8 hours. (30)	WEATHER.									
				Dir.	Force. 0-12 (4)					Form. (9)	Amount. 0-10 (10)	Height of Base. (feet) (11)			Dir.	Force 0-12 (17)					Form. (23)	Amount. 0-10 (24)	Height of Base (feet) (25)			7h.—13h. (37)	13h.—18h. (38)	18h. On to 1h.—7h. (39)	1h.—7h. (40)						
																														Low.	Med.	High	Low	Med.	High
1	London (Kew)...	1026.0	-8	NW	3	z	43	55	6	7	-	-	3	3	2500	1026.0	-2	NNW	2	20	41	55	5	5	-	9	9	2500	1	*	bcazxcz	czoy	bcazxb	bcm	
	Croydon ...	1026.0	-2	NNW	2	z	41	55	6	2	-	-	3	3	4000	1025.7	-6	NNW	1	1	41	55	4	3	6	-	9	9	2500	1	*	amczbz	cbcaz	cbcaz	bcm
	S. Farnborough	1026.0	-10	NW	3	z	43	55	7	2	-	-	7.8	7.8	4000	1026.4	-2	NW	2	20	40	55	6	1	6	1	9	9	4000	1	*	bcazxcz	cbcaz	cbcaz	bcm
	Boscombe Down	1027.8	-8	NW	3	z	41	55	7	7	-	-	7.8	7.8	4000	1026.7	-4	NNW	2	20	39	55	7	1	9	9	4000	1	*	bcazxcz	cbcaz	cbcaz	bcm		
	Calshot (Soton.)	1026.0	-8	NNE	2	bc	45	55	8	1	-	-	2.3	2.3	4000	1025.8	-10	NW	2	20	40	55	6	1	4	-	1	2.3	4000	1	1	bcazxcz	cbcaz	cbcaz	bcm
	Lymington	1025.0	+2	NW	4	bc	40	55	8	2	-	-	4.6	4.6	4000	1025.3	0	NW	2	20	38	55	7	4	6	-	1	2.3	4000	1	2	bcazxcz	cbcaz	cbcaz	bcm
	Manston	1025.4	-2	NNW	4	z	41	75	6	8	7	1	4.6	4.6	1500	1024.1	+2	NNW	3	37	75	7	5	7	-	9	9	1500	0	*	amczbz	cbcaz	cbcaz	bcm	
2	Shoeburyness ...	1026.4	+2	NNW	2	z	43	75	7	5	-	-	7.8	7.8	4000	1025.8	0	NW	1	1	38	85	6	5	-	9	9	4000	1	*	amczbz	cbcaz	cbcaz	bcm	
	Felixstowe ...	1024.0	+2	NNW	4	z	43	65	7	2	-	-	7.8	7.8	800	1024.5	0	N	3	37	75	7	4	6	9	2.3	9	4000	1	1	amczbz	cbcaz	cbcaz	bcm	
	Gorleston ...	1024.0	0	NNW	5	z	42	75	7	8	-	-	7.8	7.8	4000	1024.9	+2	NNW	4	36	75	7	8	-	-	7.8	7.8	4000	0	2	bcazxcz	cbcaz	cbcaz	bcm	
	Mildenhall ...	1025.0	-6	NW	4	z	43	55	8	2	-	-	7.8	7.8	4000	1025.6	-4	NW	2	20	36	75	7	4	6	-	4.6	9	2500	1	*	amczbz	cbcaz	cbcaz	bcm
	Cranwell ...	1026.7	-2	NNW	3	z	41	65	7	2	-	-	7.8	7.8	4000	1026.0	-2	NNW	1	1	37	65	7	5	3	6	4.6	7.8	2500	0	*	amczbz	cbcaz	cbcaz	bcm
3	Birmingham	1027.6	-6	NW	3	bc	40	45	7	1	-	-	2	2	4000	1026.5	-4	NNW	2	20	40	45	5	-	-	4	0	-	-	1	*	bcazxcz	cbcaz	cbcaz	bcm
	Upper Heyford	1027.6	-6	NW	3	bc	41	55	8	2	-	-	2	2	4000	1026.6	-2	NW	2	20	38	55	6	4	-	-	9	9	4000	1	*	bcazxcz	cbcaz	cbcaz	bcm
4	Ross-on-Wye ...	1028.0	-8	NW	3	bc	42	55	8	1	-	-	2.3	2.3	4000	1026.6	-10	ENE	1	1	40	55	8	5	-	1	1	1	2500	1	*	bcazxcz	cbcaz	cbcaz	bcm
5	Hartland Point	1028.8	-4	N	2	bc	35	55	8	1	-	-	2	2	4000	1027.4	-6	NE	2	38	65	8	-	6	2	Tr	2.3	5700	1	*	bcazxcz	cbcaz	cbcaz	bcm	
	Bristol ...	1028.3	-10	N	2	bc	42	55	7	1	3	1	2.3	2.3	2500	1027.2	-6	NNW	1	1	37	65	6	-	-	1	0	Tr	-	1	*	bcazxcz	cbcaz	cbcaz	bcm
	Portland Bill ...	1028.0	-2	NE	2	bc	45	92	8	1	-	-	2.3	2.3	4000	1026.5	-8	W	2	41	92	8	5	-	-	2.3	2.3	4000	1	2	bcazxcz	cbcaz	cbcaz	bcm	
	Plymouth ...	1028.4	-8	SSW	2	bc	45	45	8	1	-	-	2	2	4000	1027.3	-8	SW	1	20	40	55	7	-	-	6	0	4.6	-	1	1	bcazxcz	cbcaz	cbcaz	bcm
	The Lizard ...	1029.0	+2	E	3	bc	44	75	7	5	4	-	2.3	2.3	2500	1027.5	-4	E	3	40	75	7	8	6	-	4.6	4.6	2500	0	1	bcazxcz	cbcaz	cbcaz	bcm	
	Scilly (St. Mary's)	1028.2	-2	E	3	bc	47	55	7	5	4	-	2.3	2.3	2500	1027.0	-6	E	2	42	65	7	5	4	3	2.3	9	2500	0	1	bcazxcz	cbcaz	cbcaz	bcm	
	Guernsey ...	1027.7	-2	NE	2	bc	44	55	8	1	-	-	2.3	2.3	2500	1027.1	-2	-	0	40	65	8	1	3	-	Tr	1	2500	0	2	bcazxcz	cbcaz	cbcaz	bcm	
6	Pembroke ...	1029.2	-4	SSW	2	bc	43	55	8	1	7	1	2.3	2.3	2500	1027.1	-6	NNE	2	37	75	8	-	7	-	4.6	-	-	-	1	1	bcazxcz	cbcaz	cbcaz	bcm
7	Holyhead ...	1029.1	-4	NNW	1	bc	42	55	9	7	3	1	2.3	2.3	2500	1027.6	-10	-	0	38	65	9	5	3	-	2.3	4.6	4000	1	1	bcazxcz	cbcaz	cbcaz	bcm	
	Chester (Sealand)	1029.1	-4	WNW	3	bc	45	55	8	7	-	-	2.3	2.3	4000	1027.8	-6	WNW	2	36	65	8	-	-	5	0	Tr	-	0	*	bcazxcz	cbcaz	cbcaz	bcm	
8	Manchester ...	1028.4	-6	NW	3	bc	41	55	7	1	4	-	2.3	2.3	4000	1027.2	0	WNW	3	34	75	6	5	4	-	1	2.3	4000	1	*	bcazxcz	cbcaz	cbcaz	bcm	
10	Spurn Head ...	1025.0	0	NNW	5	cq	38	75	8	6	-	-	4.6	4.6	2500	1025.3	0	NW	4	37	85	7	2	6	9	4.6	7.8	2500	0	3	bcazxcz	cbcaz	cbcaz	bcm	
	Catterick ...	1027.2	-6	NNW	3	c	41	55	7	2	-	-	4.6	4.6	4000	1026.8	+4	NNW	1	37	65	7	5	-	-	7.8	7.8	5700	0	3	bcazxcz	cbcaz	cbcaz	bcm	
	Tynemouth ...	1027.1	-4	N	5	c	40	65	8	2	-	-	7.8	7.8	2500	1026.3	+4	NNE	5	38	75	8	2	3	1	4.6	4.6	2500	1	2	bcazxcz	cbcaz	cbcaz	bcm	
11	St. Abbs Head	1027.2	0	NNW	4	bc	38	65	8	7	6	2	4.6	4.6	2500	1026.5	-2	NW	2	36	85	8	5	6	2	4.6	4.6	2500	0	2	bcazxcz	cbcaz	cbcaz	bcm	
	Leuchars ...	1027.7	-8	N	2	c	40	65	9	8	3	-	3	3	4000	1026.5	0	NNW	1	39	65	8	8	-	-	9	9	2500	1	*	bcazxcz	cbcaz	cbcaz	bcm	
12	Renfrew (Abbots L.)	1029.0	-10	N	0	bc	44	35	9	7	-	-	4.6	4.6	4000	1027.1	-10	SW	1	39	55	8	7	-	1	4.6	7.8	5700	1	*	bcazxcz	cbcaz	cbcaz	bcm	
	Eskdalemuir ...	1027.9	-4	NNE	3	c	37	55	8	5	7	1	4.6	4.6	2500	1027.2	-4	NW	2	30	65	6	5	1	6	4.6	7.8	2500	3	*	bcazxcz	cbcaz	cbcaz	bcm	
	Point of Ayre ...	1029.1	-6	E	2	b	41	65	8	1	3	-	Tr	1	4000	1027.6	-4	-	0	38	75	8	5	-	-	7.8	7.8	2500	0	0	bcazxcz	cbcaz	cbcaz	bcm	
13A	Three ...	1028.8	-4	-	0	c	40	65	8	5	3	-	7.8	7.8	4000	1026.7	-6	SSW	1	36	75	8	5	1	-	2.3	4.6	4000	0	1	bcazxcz	cbcaz	cbcaz	bcm	
13B	Stornoway ...	1028.5	-4	SW	2	c	42	65	8	5	5	6	4.6	4.6	4000	1027.1	-4	SW	3	40	65	8	5	7	-	7.8	9	2500	1	2	bcazxcz	cbcaz	cbcaz	bcm	
15	Dalwhinnie ...	1028.5	-10	NW	3	c	34	85	8	5	2	-	4.6	4.6	104000	1026.0	-4	NW	3	34	97	8	5	-	-	9	9	4000	4	*	bcazxcz	cbcaz	cbcaz	bcm	
	Aberdeen ...	1026.5	-8	NNW	4	bc	40	65	8	1	4	3	2.3	2.3	4000	1026.0	-4	NNW	3	36	85	7	8	4	9	2.3	4.6	4000	1	2	bcazxcz	cbcaz	cbcaz	bcm	
	Wick ...	1026.6	-8	NNW	3	c	33	75	8	7	2	-	4.6	4.6	2500	1025.7	-6	USW	3	37	85	8	8	7	-	4.6	9	2500	1	2	bcazxcz	cbcaz	cbcaz	bcm	
16	Lerwick ...	1025.0	-4	N	4	c	40	75	8	3	-	-	4.6	4.6	1500	1024.6	0	NW	3	35	75	8	8	7	-	4.6	7.8	2500	1	*	bcazxcz	cbcaz	cbcaz	bcm	
7	Blackad Point...	1028.8	-10	ENE	2	bc	42	55	8	-	5	-	0	4.6	-	1026.0	-20	SE	1	41	65	9	-	6	-	0	7.8	-	0	1	bcazxcz	cbcaz	cbcaz	bcm	
18	Malin Head ...	1029.2	-4	E	2	bc	40	55	8	5	-	-	2	2.3	2.3	5700	1027.5	-12	E	2	39	55	8	5	-	4	2.3	4.6	5700	0	*	bcazxcz	cbcaz	cbcaz	bcm
	Aldergrove ...	1029.5	-10	WNW	1	bc	43	55	9	7	3	5</																							

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 2 E. England ... 3 E. Midlands ... 4 W. Midlands ... 5 S.W. England 6 South Wales ...	Wind light variable becoming west to southwest; fair or fine; local fog and frost inland tonight but day temperature higher than of late.
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.	Wind west to southwest, light or moderate; fair; average temperature.
13 { A. W. Scotld. B.N.W. Scot- land. 14 Mid Scotland 15 N. E. Scotland 16 Orkneys and Shetlands	Wind southwest fresh strong locally; occasional rain or drizzle; becoming rather mild.
17 N. W. Ireland 18 N. E. Ireland 19 S. E. Ireland 20 S. W. Ireland	Wind south moderate; cloudy; local drizzle on coast; becoming rather mild. As 7 - 13A. As 17.

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

GENERAL INFERENCE.

An anticyclone 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.

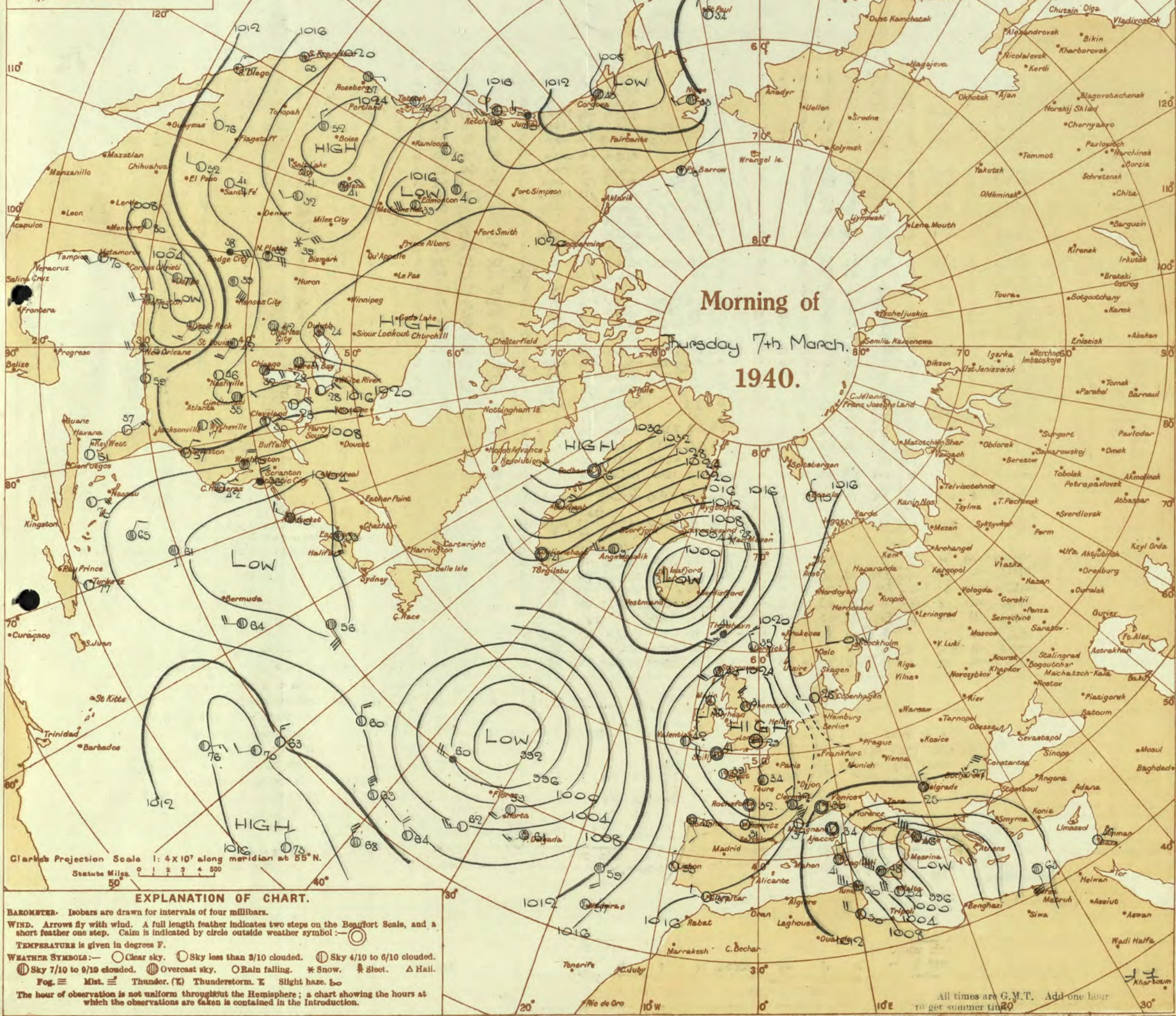
FURTHER OUTLOOK.

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

Forecast issued at 1030 G.M.T. N. K. JOHNSON. D.Sc., A.R.C.S. Director.
H.M.S.O. Press, Cornwall House S.E.1. 2/25/3527 No. 9109. D. 7466. Q. 045/23450. 0/90

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Thursday 7th March 1940.
No. 28525

OBSERVATIONS at 1 hr. G.M.T. 7th March														OBSERVATIONS at 7 hr. G.M.T. 7th March														PAST 24 HOURS.												
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility: 0-9	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility: 0-9	Cloud.				Barom. at M.S.L. (29)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility: 0-9	TEMPERATURE.			RAINFALL.		Sun- shine Hrs.
					Direc.	Force.					Form.	Amount.	Height of Base (feet)	Direc.			Force.	Form.					Amount.	Height of Base (feet)	State of Ground.	Sea.			Max. Day 7h-18h °F.	Min. Night 18h-7h °F.					Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.			
																																						0-12	12-18	
1	London (Kew) ... 18	1026.0	0	*	*	0	bf	29	92	2	*	*	*	1025.1	-2	SW	1	m	28	92	4	-	-	6	0	4-6	3	*	43	28	15	*	Tr	4.3						
	Croydon ... 217	1026.0	0	*	*	0	z	26	92	2	*	*	*	1025.1	-2	*	0	0	25	97	4	-	-	5	0	1	3	*	43	24	18	*	*	2.0						
	S. Farnborough ... 226	1026.3	-2	*	*	0	z	26	92	6	*	*	*	1025.5	-2	*	0	0	25	97	6	*	*	5	0	1	3	*	47	21	17	*	*	7.6						
	Boacombe Down ... 417	1026.7	-2	*	*	0	z	28	85	6	*	*	*	1025.4	-6	*	0	0	24	92	5	*	*	5	0	0	0	*	43	23	19	*	*	8.6						
	Calshot (Stmnt.) ... 8	1026.1	-2	NW	2	z	33	75	6	*	*	*	1025.0	-6	NNW	2	z	27	85	4	*	*	6	0	0	3	*	43	27	22	*	*	8.4							
	Lympne ... 346	1025.1	-2	NNW	3	b	31	85	7	S	-	-	Tr	1024.8	+2	NNW	2	z	28	92	6	*	*	6	0	0	3	*	42	28	25	Tr	*	5.7						
	Manston ... 154	1024.8	-2	NNW	3	z	33	92	6	S	-	-	2-3	1024.0	-4	NNW	3	z	31	92	6	-	4	1	0	1	3	*	42	30	27	*	*	5.6						
2	Shoeburyness ... 11	1024.0	-2	NW	2	z	33	85	6	*	*	*	*	1024.6	-4	NNW	2	b	29	85	6	-	1	0	Tr	-	3	*	46	28	18	*	*	6.8						
	Felixstowe ... 15	1024.0	-2	NW	2	z	33	85	6	*	*	*	*	1023.4	0	NW	2	z	30	85	6	-	4	5	0	2-3	3	*	43	29	26	0.1	*	6.1						
	Gorleston ... 5	1023.8	-4	NW	2	b	33	85	7	S	-	-	0	1023.3	0	NW	2	bc	32	92	6	S	7	4	6	4	3	*	43	31	29	Tr	*	5.7						
	Mildenhall ... 19	1025.3	-2	WN	2	z	27	97	5	*	*	*	*	1024.7	0	NNW	1	m	24	92	4	*	*	7	8	0	2-3	3	*	45	23	18	0.1	*	2.3					
	Cranwell ... 240	1025.7	-2	NW	2	z	30	85	5	*	*	*	*	1024.7	-6	WN	2	m	27	85	4	-	3	6	0	9	-	3	*	43	27	22	Tr	*	6.8					
3	Birmingham ... 535	1026.8	0	NNW	2	z	28	85	5	*	*	*	*	1025.4	-4	*	0	bf	27	92	2	-	-	1	0	1	1	*	42	26	15	*	*	8.8						
	Upper Heyford ... 408	1026.8	0	NNW	2	z	28	85	5	*	*	*	*	1025.8	-4	NNW	1	z	27	85	5	*	*	1	0	2-3	1	*	43	25	19	*	*	*						
	Ross-on-Wye ... 223	1026.8	0	NNW	2	z	28	85	5	*	*	*	*	1025.4	-10	W	1	m	22	97	4	-	-	1	0	2-3	3	*	44	22	11	*	*	10.0						
5	Hartland Point ... 299	1026.0	-8	SSW	2	bc	35	65	8	-	4	-	2-3	1024.3	-6	S	2	bc	35	75	8	S	4	1	2-3	2500	0	1	41	34	27	*	*	9.5						
	Bristol ... 209	1026.7	-4	*	0	z	27	85	5	*	*	*	*	1025.5	-6	*	0	bf	33	92	4	-	4	6	0	2-3	3	*	44	22	13	*	*	9.3						
	Portland Bill ... 32	1025.9	-2	N	2	b	36	92	8	-	-	-	0	1024.7	-4	NE	2	bc	33	92	8	S	-	-	4-6	4000	1	2	46	*	*	*	*	*	*					
	Plymouth ... 82	1026.8	-6	NE	1	z	36	85	6	S	-	-	4-6	1025.1	-6	*	0	z	30	85	5	S	3	5	4-6	7.8	2500	3	1	47	29	25	*	*	8.9					
	The Lizard ... 240	1026.1	-4	SE	2	c	41	75	7	S	2	-	7.8	1024.7	-10	*	0	bc	38	75	6	S	3	5	4-6	4.6	2500	0	1	45	37	*	*	2.5						
	Scilly (St. Mary's) ... 163	1025.9	-8	*	0	c	41	75	7	S	2	-	10	1024.1	-8	SE	1	c	42	65	7	S	2	-	7.8	10	1500	0	0	47	38	*	*	7.7						
	Guernsey ... 175	1026.5	-4	*	0	b	34	85	8	-	-	-	0	1024.9	-6	*	0	bc	33	85	8	-	2	8	0	2-3	5	2	45	32	22	*	*	9.8						
6	Pembroke ... 142	1026.7	0	ES	2	bc	34	85	8	S	-	-	2-3	1025.6	-4	E	2	bc	31	85	7	S	4	-	4-6	2500	3	1	43	30	*	*	3.2							
	Holyhead ... 26	1026.3	-6	*	0	c	32	75	7	S	-	-	0	1024.4	-8	SSE	2	cj	32	85	8	S	-	-	4-6	4000	1	1	43	30	23	*	*	3.5						
	Chester (Sealand) ... 16	1026.6	-6	*	0	z	27	75	5	-	-	-	0	1025.2	-6	*	0	m	25	92	4	-	-	6	0	2-3	3	*	41	25	23	*	*	3.4						
	Manchester ... 70	1026.8	-4	*	0	z	27	97	5	-	-	-	0	1025.4	-6	E'S	1	bf	24	97	2	-	-	0	0	-	3	*	43	22	14	*	*	7.2						
10	Spurn Head ... 29	1024.6	-4	NNW	4	bc	33	85	7	-	4	-	0	1023.9	0	NNW	3	c	33	85	5	4	-	1	7.8	7.8	2500	5	3	40	33	*	*	5.3						
	Catterick ... 175	1025.3	-10	NNW	1	b	28	85	7	-	-	-	0	1024.7	-6	*	0	z	33	97	6	-	5	5	0	2-3	3	*	42	23	10	*	*	6.2						
	Tynemouth ... 108	1025.9	-6	NW	4	bc	31	75	6	2	-	-	2-3	1024.4	-10	W	3	bc	31	85	6	2	3	-	4-6	4-6	2500	3	2	40	30	27	*	*	0.0					
11	St. Abbs Head ... 280	1025.3	-8	WNW	2	bc	36	65	6	S	6	-	4-6	1022.8	-16	*	0	c	34	75	8	4	3	-	4-6	7.8	2500	0	1	39	32	*	*	7						
	Leuchars ... 38	1025.2	-8	W	2	c	34	75	8	S	-	-	10	1023.0	-10	W	3	c	31	75	7	S	7	-	7.8	9	7200	1	*	43	31	26	*	*	5.1					
12	Renfrew (Abbots L.) ... 19	1026.0	-6	*	0	m	28	85	4	S	-	-	2-3	1023.9	-10	*	0	bf	27	97	3	-	-	-	0	0	3	*	45	27	18	*	*	7.7						
	Bakdalemuir ... 794	1026.0	-6	*	0	m	28	85	4	S	-	-	2-3	1023.9	-10	*	0	bf	27	97	3	-	-	-	0	0	3	*	45	27	18	*	*	7.7						
	Point of Ayre ... 30	1025.9	-4	WS	2	bc	31	92	8	S	-	-	4-6	1024.9	-8	*	0	c	16	97	7	S	3	6	4-6	7.8	1500	3	*	39	16	11	*	*	6.8					
	Point of Ayre ... 30	1025.9	-4	WS	2	bc	31	92	8	S	-	-	4-6	1023.4	-6	SW	3	c	37	85	8	S	1	-	4-6	7.8	1500	0	1	44	30	*	*	8.8						
13A	Tiree ... 22	1025.5	-12	SSW	4	c	40	75	7	S	7	-	7.8	1021.1	-12	SSW	4	c	39	75	8	S	7	-	7.8	10	4000	1	2	45	38	*	*	3.8						
13B	Stornoway ... 80	1023.5	-12	SSW	4	c	40	75	7	S	7	-	7.8	1022.5	-8	S	2	c	25	97	8	4	3	2	2-3	7.8	4000	4	*	35	21	13	*	*	0.2					
15	Dalwhinnie ... 1176	1023.5	-10	W	2	c	31	97	7	S	6	-	4-6																											

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

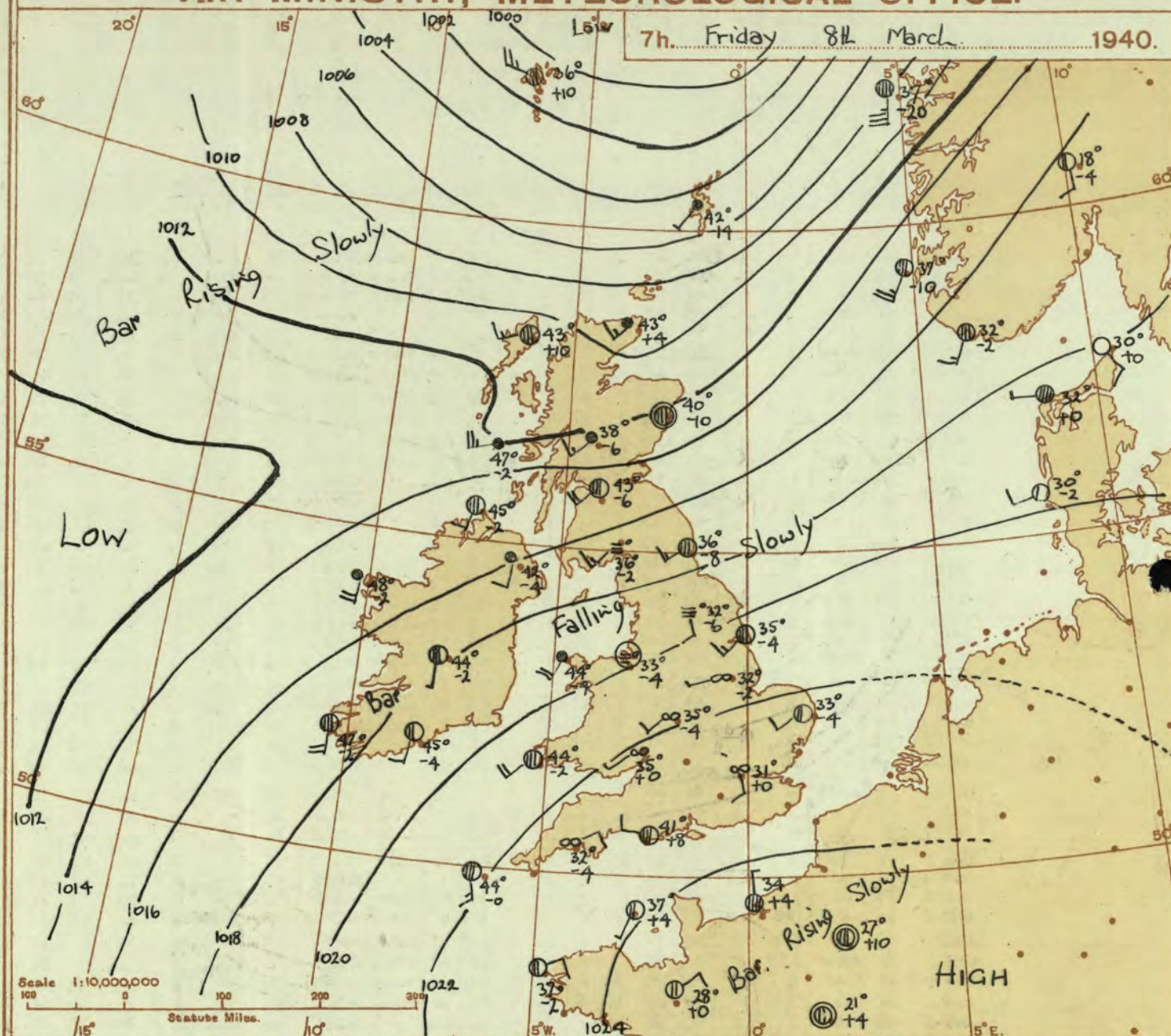
SECRET

 BRITISH SECTION
 Friday 31st March, 1940.
 No. 28596

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. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.				State of Ground. (29)	Sea. (30)	WEATHER.								
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Dir.			Force. 0-12 (18)	Form.					Amount. Low 0-10 Total 0-10 (24) (25)	Height of Base. (feet) (26)	7h.—13h. 7th.	13h.—18h. 7th.			18h.—7h. 8th.	1h.—7h. 8th.							
1	London (Kew)...	1023.7	-10	NW	1	Z	41	55	6	7	-	-	7-8	7-8	4000	1023.1	0	-	0	Z	39	55	5	5	7	-	1	7-8	4000	1	*	bfczcy	cbcczy	cybcbx	blccmx	
	Croydon ...	1024.2	-6	-	0	Z	38	55	5	2	-	1	4-6	7-8	4000	1023.0	-4	-	0	bct	39	75	3	5	-	-	2-3	2-3	4000	1	*	bcmzcy	cbcczy	cybcbx	blccmx	
	S. Farnborough	1023.8	-14	-	0	Z	44	55	6	2	-	1	2-3	2-3	4000	1022.7	-2	E	1	Z	40	55	6	1	3	1	Tr	2-3	5700	1	*	bcmzcy	cbcczy	cybcbx	blccmx	
	Boscombe Down	1023.6	-16	WSW	1	Z	44	45	5	-	7	-	0	2-3	-	1022.4	-2	W	1	Z	40	55	6	-	3	1	0	4-6	-	0	*	bcmzcy	cbcczy	cybcbx	blccmx	
	Calshot (Soton.)	1024.2	-10	SE	1	Z	44	65	6	-	3	-	0	Tr	-	1022.5	-6	WSW	2	Z	40	75	6	-	7	5	0	4-6	-	0	*	bcmzcy	cbcczy	cybcbx	blccmx	
	Lympne	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	\$	bcmzcy	cbcczy	cybcbx	blccmx	
	Manston	1023.6	-6	MNW	3	Z	39	65	6	7	7	-	4-6	7-8	1500	1023.0	-2	WNW	1	Z	37	65	6	5	4	-	4-6	4-6	4000	0	*	bcmzcy	cbcczy	cybcbx	blccmx	
2	Shoeburyness ...	1023.6	-8	N'E	1	C	42	65	7	9	-	-	7-8	7-8	5700	1023.1	0	MNW	1	C	36	85	5	-	3	-	0	2-3	-	1	*	bcmzcy	cbcczy	cybcbx	blccmx	
	Felixstowe	1022.8	-8	NW	2	C	43	55	7	8	-	-	9	9	2500	1022.3	0	NE	1	Z	37	75	6	4	6	-	2-3	2-3	4000	1	1	*	bcmzcy	cbcczy	cybcbx	blccmx
	Gorleston	1022.8	-2	NW	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	*	bcmzcy	cbcczy	cybcbx	blccmx
	Mildenhall	1023.2	-10	NW	2	Z	41	65	6	2	-	8	7-8	7-8	2500	1022.5	-4	NW	1	Z	36	75	6	-	3	-	0	4-6	-	0	*	bcmzcy	cbcczy	cybcbx	blccmx	
	Cranwell	1023.2	-12	WNW	1	Z	42	45	6	-	3	-	0	9	-	1022.3	-4	-	0	Z	33	85	5	-	3	-	0	7-8	-	0	*	bcmzcy	cbcczy	cybcbx	blccmx	
3	Birmingham	1023.9	-6	SSW	1	Z	38	45	5	-	3	-	0	9	-	1022.1	-4	-	0	Z	39	45	5	5	4	6	1	4-6	2500	1	*	bcmzcy	cbcczy	cybcbx	blccmx	
	Upper Heyford	1024.1	-18	-	0	C	43	55	7	-	3	-	0	7-8	-	1022.8	-4	-	0	Z	39	65	6	-	3	1	0	2-3	-	1	*	bcmzcy	cbcczy	cybcbx	blccmx	
4	Ross-on-Wye	1023.1	-16	W	1	bc	42	55	7	-	3	1	0	4-6	-	1021.8	-8	S	1	Z	40	65	5	5	3	-	2-3	9	4000	1	*	bcmzcy	cbcczy	cybcbx	blccmx	
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	*	bcmzcy	cbcczy	cybcbx	blccmx
	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	*	bcmzcy	cbcczy	cybcbx	blccmx	
	Portland Bill	1024.1	-10	W	2	bc	43	92	8	5	-	-	4-6	4-6	4000	1022.5	-10	W	2	bc	41	92	7	5	-	-	4-6	4-6	4000	1	2	*	bcmzcy	cbcczy	cybcbx	blccmx
	Plymouth	1024.1	-10	SSW	3	Z	45	65	6	5	-	-	7-8	7-8	5700	1022.8	-6	W	2	Z	44	75	6	5	-	-	2-3	2-3	4000	0	1	*	bcmzcy	cbcczy	cybcbx	blccmx
	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	*	bcmzcy	cbcczy	cybcbx	blccmx
	Soilly (St. Mary's)	1023.8	-2	SSE	2	C	45	55	7	5	4	2	4-6	9	2500	1022.4	-6	SSE	2	bc	45	65	7	8	4	-	2-3	4-6	2500	0	0	*	bcmzcy	cbcczy	cybcbx	blccmx
	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	*	bcmzcy	cbcczy	cybcbx	blccmx
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	*	bcmzcy	cbcczy	cybcbx	blccmx
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	*	bcmzcy	cbcczy	cybcbx	blccmx
	Chester (Sealand)	1023.5	-12	SE	1	Z	42	55	6	-	7	-	0	9	-	1022.1	0	-	0	Z	38	65	6	5	7	6	2-3	9	2500	0	*	bcmzcy	cbcczy	cybcbx	blccmx	
8	Manchester	1023.7	-10	SW	2	Z	42	55	6	-	3	-	0	4-6	-	1022.3	-4	S	2	m	38	75	4	-	3	2	0	7-8	-	1	*	bcmzcy	cbcczy	cybcbx	blccmx	
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	*	bcmzcy	cbcczy	cybcbx	blccmx
	Catterick	1022.7	-14	-	0	Z	40	65	6	7	3	9	4-6	9	5700	1021.5	0	-	0	Z	39	65	5	5	-	-	9	9	4000	0	1	*	bcmzcy	cbcczy	cybcbx	blccmx
	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	1	1	*	bcmzcy	cbcczy	cybcbx	blccmx
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	*	bcmzcy	cbcczy	cybcbx	blccmx
	Leuchars	1020.4	-18	SW	2	Z	43	55	6	-	7	5	0	1	-	1018.5	-6	SW	2	Z	40	97	6	5	7	-	4-6	9	4000	1	*	bcmzcy	cbcczy	cybcbx	blccmx	
12	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	*	bcmzcy	cbcczy	cybcbx	blccmx	
	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	*	bcmzcy	cbcczy	cybcbx	blccmx	
	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	*	bcmzcy	cbcczy	cybcbx	blccmx
13A	Tiree	1018.1	-8	SSW	4	C	42	85	7	5	-	-	10	10	2500	1015.9	-6	SSW	4	do	41	85	7	5	-	-	10	10	1500	1	3	*	bcmzcy	cbcczy	cybcbx	blccmx
13B	Stornoway	1017.4	-24	SSW	5	C	42	75	8	5	7	8	4-6	10	4000	1014.8	-20	S	6	do	42	92	6	5	2	-	9	10	1500	1	3	*	bcmzcy	cbcczy	cybcbx	blccmx
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	*	bcmzcy	cbcczy	cybcbx	blccmx	
	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	*	bcmzcy	cbcczy	cybcbx	blccmx
	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	*	bcmzcy	cbcczy	cybcbx	blccmx
16	Lerwick	1016.5	-16	SW	5	pr	40	85	8	7	-	-	7-8	9	1500	1014.8	-4	SSW	5	C	39	85	8	5	7	-	4-6	9	1500	1	*	bcmzcy	cbcczy	cybcbx	blccmx	
17	Blacksod Point	1017.4	-12	S	3	C	47	85	7	-	7	-	0	10	-	1016.6	-12	S	4	C	47	85	7	-	7	-	0	10	-	0	3	*	bcmzcy	cbcczy	cybcbx	blccmx
18	Malin Head	1019.4	-8	S																																

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.

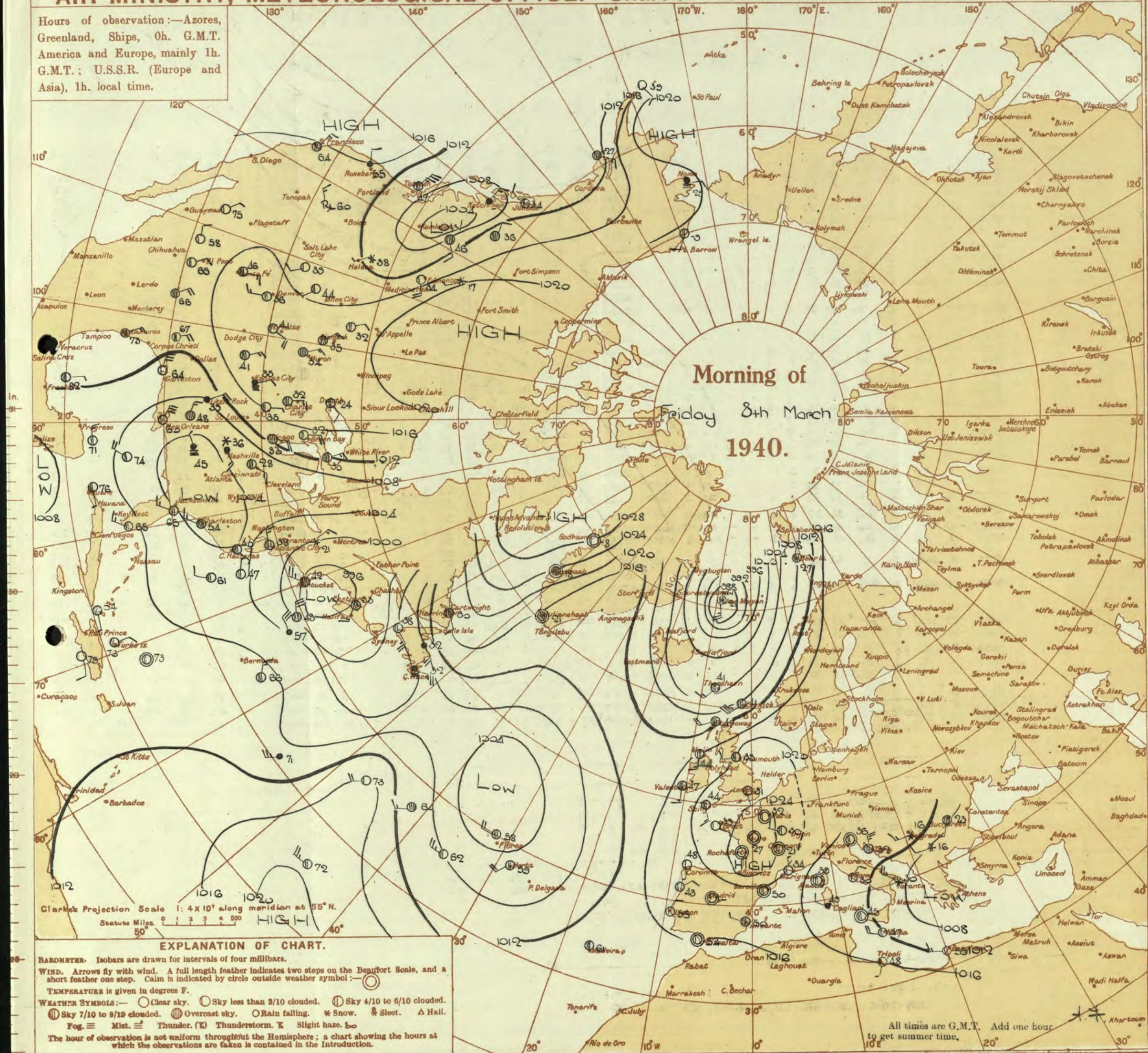
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

24/3/40 P.M. 1109 D. 1000 24/3/40 01/40

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday 8th March 1940.
No 28596

OBSERVATIONS at 1 hr. G.M.T. 8th March														OBSERVATIONS at 7 hr. G.M.T. 8th March														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Sea.	TEMPERATURE.		RAINFALL.		Sun-shine 7h.					
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	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.				
																																		0-12	0-10	0-10	0-10	0-10	0-9
1	London (Kew) ...	18	1023.5	+2	SSE	2	z	31	92	5	-	-	-	1022.8	+4	-	0	m	30	92	4	5	7	-	4.6	34	4000	3	42	28	18	-	4.6				
	Croydon ...	217	1023.5	+2	SSE	2	z	31	92	5	-	-	-	1023.0	0	SE	2	m	31	92	5	5	3	-	4.6	4000	3	42	29	25	-	1.2					
	S. Farnborough ...	226	1023.5	+2	-	0	bf	29	92	3	-	-	-	1023.2	+2	-	0	cf	28	97	3	-	3	-	0	7.8	-	3	47	25	20	-	7.0				
	Boscombe Down ...	417	1023.3	+2	-	0	z	31	85	6	-	-	-	1030.0	0	-	0	z	32	85	6	5	-	10	10	800	0	46	29	22	-	6.0					
	Calshot (Stmntn.) ...	8	1023.1	+2	-	0	z	33	97	5	-	-	-	1023.1	+2	-	0	cf	31	97	3	5	3	-	4.6	34	7200	1	46	30	25	-	7.1				
	Lymington ...	346	1023.7	0	W	2	bc	33	85	6	-	-	-	1022.7	-6	WSW	1	bc	32	97	6	-	2	0	4.6	-	3	41	31	24	-	6.4					
	Manston ...	154	1023.6	+2	SW	1	z	29	85	5	-	-	-	1023.2	+2	SE	1	z	32	92	6	-	4	6	0	4.6	-	3	41	29	21	-	8.2				
2	Shoeburyness ...	11	1023.0	+2	S	1	z	33	92	5	-	-	-	1023.1	-2	SW	1	cf	32	97	3	-	7	0	10	-	3	45	27	18	-	7.3					
	Felixstowe ...	15	1023.0	+2	S	1	z	33	92	5	-	-	-	1022.1	-2	SSW	1	m	32	92	4	-	8	0	4.6	-	3	44	28	20	-	3.6					
	Gorleston ...	5	1023.0	0	SW	2	b	33	75	6	-	-	-	1022.2	-4	SW	2	bc	33	75	6	5	-	4.6	4.6	2500	3	40	31	30	Tr	-	2.1				
	Mildenhall ...	19	1022.8	-2	SE	2	z	27	85	6	-	-	-	1022.2	-2	S	2	m	29	85	4	5	-	6	4.6	7.8	2500	3	45	27	22	Tr	-	5.5			
	Cranwell ...	240	1022.5	-2	WSW	1	bf	32	85	3	-	-	-	1021.4	-2	SWW	1	z	32	82	5	-	9	4	4000	3	43	30	25	-	-	4.4					
3	Birmingham ...	535	1023.2	+2	-	0	z	30	85	5	-	-	-	1021.7	-4	SW	2	z	35	85	5	-	7	2	0	4.6	-	1	42	33	29	-	2.3				
	Upper Heyford ...	408	1023.2	+2	-	0	z	30	85	5	-	-	-	1022.6	-2	-	0	m	30	85	4	5	-	10	10	2500	1	44	28	15	-	-	5.0				
4	Ross-on-Wye ...	223	1023.2	+2	-	0	z	30	85	5	-	-	-	1022.2	0	SW	1	z	35	85	5	5	-	10	10	2500	1	45	31	21	-	-	5.0				
5	Hartland Point ...	299	1022.6	+4	SSW	3	b	40	75	8	-	-	-	1021.5	-2	S	3	c	37	85	8	5	4	-	7.8	5	2500	0	44	36	34	-	0.6				
	Bristol ...	209	1023.1	+2	SSE	2	z	34	75	5	-	-	-	1022.9	+2	S	1	z	36	85	5	3	-	4.6	7.8	4000	3	46	34	21	-	-	4.3				
	Portland Bill ...	32	1023.2	-2	NNE	2	c	41	92	7	5	-	-	1023.5	+8	WNW	2	c	41	92	7	5	-	10	10	4000	1	43	40	-	-	-	6.1				
	Plymouth ...	82	1023.6	0	NNE	1	z	34	97	5	-	-	-	1023.2	-4	ENE	2	z	32	92	6	5	-	2.3	3	1500	3	48	30	28	-	-	3.4				
	The Lizard ...	240	1023.6	0	SSE	3	bc	41	75	7	4	-	-	1023.0	-2	S	3	bc	42	75	8	8	-	4.6	4.6	2500	0	47	39	-	-	-	6.0				
	Scilly (St. Mary's) ...	163	1022.6	0	SSE	3	c	44	65	7	8	4	-	-	1021.9	0	SE	3	c	44	65	8	8	-	7.8	10	2500	0	48	42	-	-	-	7.0			
	Guernsey ...	175	1023.7	+4	-	0	c	39	85	8	8	-	-	1023.5	+4	SSW	1	bc	37	85	7	-	3	8	0	4.6	-	0	48	34	25	-	-	0.6			
6	Pembroke ...	142	1021.8	-2	SW	4	c	44	92	7	8	2	-	-	1020.8	-2	SW	4	c	44	97	7	5	2	-	4.6	3	1500	1	42	30	-	-	1.7			
7	Holyhead ...	26	1020.2	-6	S	3	bc	41	85	7	5	-	-	1019.4	-4	SW	4	ir	44	92	6	5	2	-	2	10	2500	1	44	41	38	-	0.2	3.0			
	Chester (Sealand) ...	16	1021.6	-2	SE	1	z	34	75	5	5	-	-	1020.2	-4	-	0	m	33	75	4	5	-	10	10	1500	1	44	31	30	-	-	2.3				
8	Manchester ...	70	1022.1	-2	E	1	bc	33	75	3	5	-	-	1020.7	-10	SSE	1	m	33	75	4	5	-	10	10	4000	1	44	29	20	-	-	3.8				
10	Spurn Head ...	29	1021.8	-4	SW	2	z	33	85	5	-	-	-	1020.6	-4	SW	2	c	35	75	4	5	-	5	5	2500	0	42	32	-	-	-	0.2				
	Catterick ...	175	1021.1	-4	SSE	1	z	32	85	5	5	-	-	1019.2	-6	SE	2	m	32	92	4	5	5	-	4.6	7.8	4000	1	43	30	18	-	-	0.2			
	Tynemouth ...	108	1020.5	-8	W	2	c	33	75	6	5	-	-	1018.3	-8	SW	3	c	36	75	5	8	3	-	4.6	7.8	1500	0	44	34	31	-	-	0.2			
11	St. Abbs Head ...	280	1017.9	-6	SW	4	d.c.	36	32	6	5	2	-	-	1015.0	-6	SW	5	c	38	92	6	5	2	-	7.8	10	1500	1	42	34	-	-	2	4.8		
	Leuchars ...	36	1016.7	-10	-	0	z	38	85	6	5	-	-	1013.6	-4	SW	5	c	41	85	6	5	7	-	9	3	1500	1	44	34	-	-	1	0.7			
12	Renfrew (Abbots L.) ...	19	1017.5	-8	SW	3	ir	41	85	4	5	-	-	1015.5	-6	SW	4	ir	43	85	5	3	7	-	9	10	2500	1	44	39	36	-	Tr	0.7			
	Eskdalemuir ...	794	1019.1	-4	SW	3	c	43	85	7	5	1	-	-	1017.2	-2	SW	3	c	43	97	4	5	2	-	10	10	1500	1	43	33	32	-	-	0.6		
	Point of Ayre ...	30	1019.1	-4	SW	3	c	43	85	7	5	1	-	-	1017.7	-6	WS	4	d.c.	43	97	7	5	2	-	9	10	1500	1	43	39	32	-	Tr	0.2		
13A	Tiree ...	22	1008.6	-16	WSW	4	c	47	92	6	5	2	-	-	1011.9	-2	WSW	5	ir	47	97	5	-	2	-	10	10	800	1	44	40	-	Tr	7	0.5		
13B	Stornoway ...	80	1008.6	-16	WSW	4	c	47	92	6	5	2	-	-	1011.9	+10	WSW	3	c	43	97	7	5	7	-	7.8	3	2500	1	43	40	-	-	2	0.4		
15	Dalwhinnie ...	1176	1013.1	-10	SW	3	ir	38	92	6	6	2	-	-	1013.1	-6	SW	3	ir	38	92	6	6	2	-	7.8	10	1500	4	41	33	32	-	3	1.9		
	Aberdeen ...	79	1010.5	-22	SSW	6	pr	39	97	7	5	2	-	-	1011.4	-10	-	0	c	40	92	6	-	3	-	0	3	-	1	43	37	33	-	2	3.8		
	Wick ...	81	1010.5	-22	SSW	6	pr	39	97	7	5	2	-	-	1008.7	-4	SW	3	d.c.	43	97	6	5	7	-	7.8	10	1500	1	42	38	-	-	1	0.6		
16	Lerwick ...	156	1008.5	-34	SW	7	c	41	85	6	8	2	-	-	1004.3	-14	SSW	6	ir	42	97	6	6	2	-	7.8	10	450	1	41	39	-	Tr	1	0.6		
17	Blacksod Point ...																																				

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

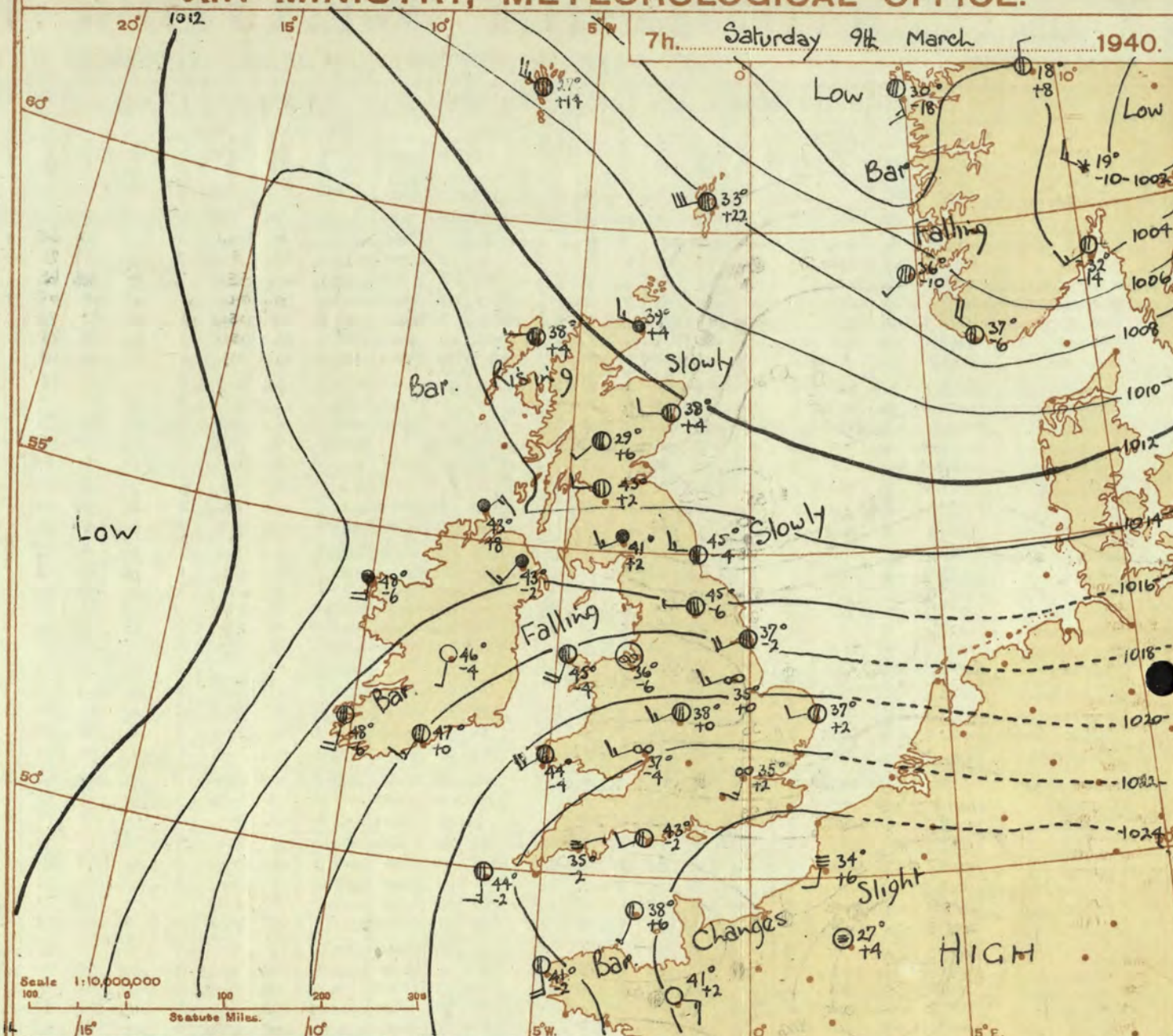
SECRET

 BRITISH SECTION
 Saturday 9th March 1940.
 No. 28537

OBSERVATIONS at 13h. G.M.T. 8th March														OBSERVATIONS at 18h. G.M.T. 8th March														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.					
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)	Force 0-12 (18)			Form. (23)	Amount. (24)					Height of Base (feet) (28)	7h.—13h. 8th (37)	13h.—18h. 8th (38)	18h. 8th to 9th (39)	1h.—7h. 9th (40)								
1	London (Kew)...	1022.9	-6	SW	2	3	42	75	4	5	-	10	10	2500	1022.1	0	SSW	3	m	42	65	4	5	-	1	2-3	2-3	2500	1	*	cmx fm	cmx cz	bcz bmx	bbcmx	
	Croydon ...	1022.7	-2	WSW	1	20	44	75	6	5	-	10	10	5700	1022.6	+2	S	2	20	44	75	5	-	4	-	0	1	-	1	*	cmx cz	cmx cz	bcz bmx	bbcmx	
	S. Farnborough	1022.9	-6	WSW	2	20	46	55	6	5	3	-	4-6	7-8	5700	1022.6	+4	SSW	3	20	45	65	6	5	-	10	10	5700	1	*	cmx cz	cmx cz	bcz bmx	bbcmx	
	Boscombe Down	1023.7	+2	WSW	3	20	49	45	7	2	-	7-8	7-8	5700	1022.4	0	SW	3	c	44	65	7	5	-	-	9	9	4000	0	*	cmx cz	cmx cz	bcz bmx	bbcmx	
	Calshot (Soton.)	1023.3	-2	WSW	3	20	45	75	6	7	3	-	4-6	7-8	4000	1022.8	-2	WSW	3	bc	42	75	7	5	-	1	2-3	4-6	4000	1	2	cmx cz	cmx cz	bcz bmx	bbcmx
	Lympne	1023.1	-2	SW	2	20	44	75	6	5	7	-	4-6	10	4000	1023.2	+2	WSW	1	20	41	75	6	5	3	1	4-6	7-8	5700	1	1	cmx cz	cmx cz	bcz bmx	bbcmx
	Manston	1022.7	-6	WSW	2	20	43	55	6	5	2	-	2-3	9	2500	1022.7	+2	SW	2	20	43	65	5	5	3	-	9	9	4000	0	*	cmx cz	cmx cz	bcz bmx	bbcmx
2	Shoeburyness ...	1023.0	-6	SW	1	c	44	85	5	5	2	-	4-6	10	4000	1022.3	-2	SW	1	m	43	75	4	-	7	-	0	7-8	-	1	*	cmx cz	cmx cz	bcz bmx	bbcmx
	Felixstowe	1022.5	0	WSW	2	20	40	65	5	5	-	-	10	10	5700	1021.1	-2	SW	2	m	41	75	4	5	-	-	9	9	4000	1	1	cmx cz	cmx cz	bcz bmx	bbcmx
	Gorleston	1021.7	-4	WSW	2	c	42	65	6	5	-	-	9	9	2500	1021.5	0	SW	2	20	43	75	5	5	-	-	9	9	2500	0	1	cmx cz	cmx cz	bcz bmx	bbcmx
	Mildenhall	1021.4	-6	SW	3	20	43	65	5	3	-	0	4-6	-	1020.9	-2	WSW	3	20	45	65	6	5	-	-	10	10	4000	0	*	cmx cz	cmx cz	bcz bmx	bbcmx	
	Cranwell	1020.4	-10	W	3	qd	43	75	5	5	-	-	10	10	2500	1020.0	-2	WSW	2	c/r	41	85	5	6	2	-	9	10	1500	0	*	cmx cz	cmx cz	bcz bmx	bbcmx
3	Birmingham	1021.0	-2	SW	2	20	44	65	6	-	3	-	0	9	-	1021.1	+2	W	3	20	46	65	6	5	7	-	4-6	4-6	2500	1	*	cmx cz	cmx cz	bcz bmx	bbcmx
	Upper Heyford	1022.2	-10	W	3	20	46	55	6	5	-	-	10	10	4000	1021.7	+2	WSW	3	bc	43	65	7	-	3	-	0	2-3	-	1	*	cmx cz	cmx cz	bcz bmx	bbcmx
4	Ross-on-Wye ...	1021.3	-6	SSW	3	20	51	45	6	5	-	-	7-8	7-8	4000	1021.8	+4	WS	2	bc	44	65	7	5	-	1	2-3	2-3	2500	1	*	cmx cz	cmx cz	bcz bmx	bbcmx
5	Hartland Point	1022.4	+2	SW	3	c	44	65	8	4	6	-	4-6	7-8	2500	1022.2	0	SW	2	bc	45	75	8	5	6	2	2-3	4-6	4000	0	2	cmx cz	cmx cz	bcz bmx	bbcmx
	Bristol ...	1022.8	-4	WSW	3	b	49	55	8	1	-	Tr	4-6	4000	1022.7	+2	WS	1	bc	42	75	7	5	4	1	1	2-3	2500	1	*	cmx cz	cmx cz	bcz bmx	bbcmx	
	Portland Bill	1023.3	-2	W	2	bc	45	85	8	1	-	-	4-6	4-6	4000	1023.1	-4	WSW	2	b	43	85	8	-	-	0	0	-	-	1	2	cmx cz	cmx cz	bcz bmx	bbcmx
	Plymouth	1023.5	0	SW	3	c	49	65	8	2	3	-	1	7-8	2500	1023.0	-2	SW	1	20	45	75	7	-	3	1	0	2-3	-	0	2	cmx cz	cmx cz	bcz bmx	bbcmx
	The Lizard	1024.0	0	S	4	bc	48	65	8	8	6	-	4-6	4-6	2500	1023.1	-2	S	3	bc	45	75	8	8	6	-	4-6	4-6	2500	0	1	cmx cz	cmx cz	bcz bmx	bbcmx
	Scilly (St. Mary's)	1022.5	-2	SE	3	bc	50	65	8	8	4	-	2-3	4-6	2500	1022.1	-2	SE	3	bc	46	65	7	1	3	1	2-3	2500	0	2	cmx cz	cmx cz	bcz bmx	bbcmx	
	Guernsey	1023.7	+2	SSW	1	b	48	55	8	-	-	-	0	0	-	1023.7	+2	-	0	bc	43	75	7	-	1	1	0	2-3	-	0	1	cmx cz	cmx cz	bcz bmx	bbcmx
6	Pembroke	1022.1	0	SW	4	c	45	92	7	5	-	-	9	9	2500	1021.9	0	SW	4	bc	45	92	7	5	6	-	4-6	7-8	2500	1	1	cmx cz	cmx cz	bcz bmx	bbcmx
7	Holyhead	1019.4	-2	SW	4	c	47	85	6	5	3	-	9	9	2500	1019.4	0	SW	4	c	46	85	6	5	3	-	9	9	4000	1	2	cmx cz	cmx cz	bcz bmx	bbcmx
	Chester (Sealand)	1020.0	-4	WSW	2	c	51	55	7	5	-	-	9	9	2500	1020.2	+6	WSW	3	20	48	65	6	5	7	-	9	9	2500	1	*	cmx cz	cmx cz	bcz bmx	bbcmx
8	Manchester	1020.0	-6	SW	3	20	46	85	5	5	2	-	4-6	10	4000	1020.1	+6	W	1	bc	44	85	5	5	-	-	9	10	4000	1	*	cmx cz	cmx cz	bcz bmx	bbcmx
10	Spurn Head	1019.6	-4	SW	3	m	42	75	4	5	2	-	4-6	10	1500	1018.5	0	SSW	3	bc	42	85	4	5	-	-	10	10	1500	1	2	cmx cz	cmx cz	bcz bmx	bbcmx
	Catterick	1017.8	-6	WNW	3	c	45	85	7	5	-	-	10	10	2500	1017.5	-2	WN	1	c/p	46	85	7	6	7	-	4-6	9	1500	0	0	cmx cz	cmx cz	bcz bmx	bbcmx
	Tynemouth	1017.7	-2	WSW	3	c	48	75	6	8	-	-	9	9	2500	1017.2	-2	W	3	c	48	75	6	8	-	-	9	9	2500	0	1	cmx cz	cmx cz	bcz bmx	bbcmx
11	St. Abbs Head	1013.6	+4	SW	5	c	42	85	6	8	2	-	7-8	9	2500	1013.6	0	SW	4	qd	45	92	6	8	6	-	7-8	9	1500	1	2	cmx cz	cmx cz	bcz bmx	bbcmx
	Leuchars	1013.2	-6	WSW	4	20	47	85	5	5	2	-	7-8	10	450	1012.9	+2	SW	4	20	47	85	5	5	3	-	9	9	1500	1	*	cmx cz	cmx cz	bcz bmx	bbcmx
12	Renfrew (Abbots L.)	1014.9	-2	WSW	4	20	48	85	5	5	2	-	9	10	1500	1014.8	+2	SW	3	bc	45	97	5	5	2	-	9	10	800	1	*	cmx cz	cmx cz	bcz bmx	bbcmx
	Eskdalemuir	1015.9	-4	WSW	3	dF	41	97	1	-	-	-	10	10	450	1015.7	0	SW	4	rr	42	97	6	-	2	-	10	10	220	1	*	cmx cz	cmx cz	bcz bmx	bbcmx
	Point of Ayre	1017.4	0	WS	5	c	47	92	8	5	7	-	7-8	10	1500	1017.3	0	WSW	3	c	49	85	8	5	7	-	9	9	4000	1	2	cmx cz	cmx cz	bcz bmx	bbcmx
13A	Tiree ...	1012.3	+14	WS	4	qd	48	97	6	5	-	-	10	10	800	1012.6	+2	-	0	bc	44	97	4	5	-	-	10	10	800	1	1	cmx cz	cmx cz	bcz bmx	bbcmx
13B	Stornoway	1011.4	+6	WNW	4	c	50	65	8	7	-	-	7-8	9	2500	1012.8	+10	NW	4	bc	43	75	8	8	-	-	4-6	4-6	4000	1	1	cmx cz	cmx cz	bcz bmx	bbcmx
15	Dalwhinnie	1013.4	0	SW	3	c	49	92	6	6	2	-	4-6	10	2500	1013.4	0	SW	3	ir	41	97	5	6	1	-	4-6	10	1500	1	*	cmx cz	cmx cz	bcz bmx	bbcmx
	Aberdeen	1011.7	-6	WSW	2	c/pr	48	85	6	7	-	-	9	9	5700	1012.4	+10	N	3	bc	45	97	6	6	-	-	10	10	2500	1	1	cmx cz	cmx cz	bcz bmx	bbcmx
	Wick ...	1010.3	+4	W	3	c	47	85	8	5	1	1	4-6	9	1500	1011.6	+10	WSW	1	c	42	85	8	5	7	2	4-6	9	1500	1	1	cmx cz	cmx cz	bcz bmx	bbcmx
16	Lerwick...	1007.4	+4	W	5	c/pr	43	85	8	7	-	-	7-8	9	1500	1009.3	+6	NW	5	c/pr	37	85	8	8	-	-	7-8	10	800	1	*	cmx cz	cmx cz	bcz bmx	bbcmx
17	Blackad Point...	1015.6	+2	S	6	d	48	92	6	6	-	-	10	10	1500	1015.4	+4	S	6	c	48	92	7	8	-	-	10	10	220	1	1	cmx cz	cmx cz	bcz bmx	bbcmx
18	Malin Head	1015.0	0	SSW	4	c/pr	47	97	6	8	-	-	9	9	1500	1014.7	+2	W	4	bc	47	85	6	6	-	-	9	9	1500	1	2	cmx cz	cmx cz	bcz bmx	bbcmx
	Aldergrove	1016.8	-2	WSW	4	bc	48	85	7	6	2	-	7-8	10	800	1016.4	-2	WSW	4	c	48	75													

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 9th March 1940.



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 ...	
8 N.W. England	
9 N. Midlands ...	Wind mainly westerly, light to moderate; cloudy or dull; occasional rain and drizzle today; probably fairer tomorrow; average temperature to rather 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.	Wind northwest, moderate to fresh, falling light, finally southwest; cloudy, wintry showers at first; becoming fair; rather cold, night frost.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind southwest to south, moderate; cloudy, occasional rain today; fairer tomorrow; rather mild.
18 N. E. Ireland	
19 S. E. Ireland	Wind southerly moderate; mainly cloudy; coastal drizzle in the West; mild.
20 S. W. Ireland	

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

GENERAL INFERENCE.

An anticyclone persists over 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.

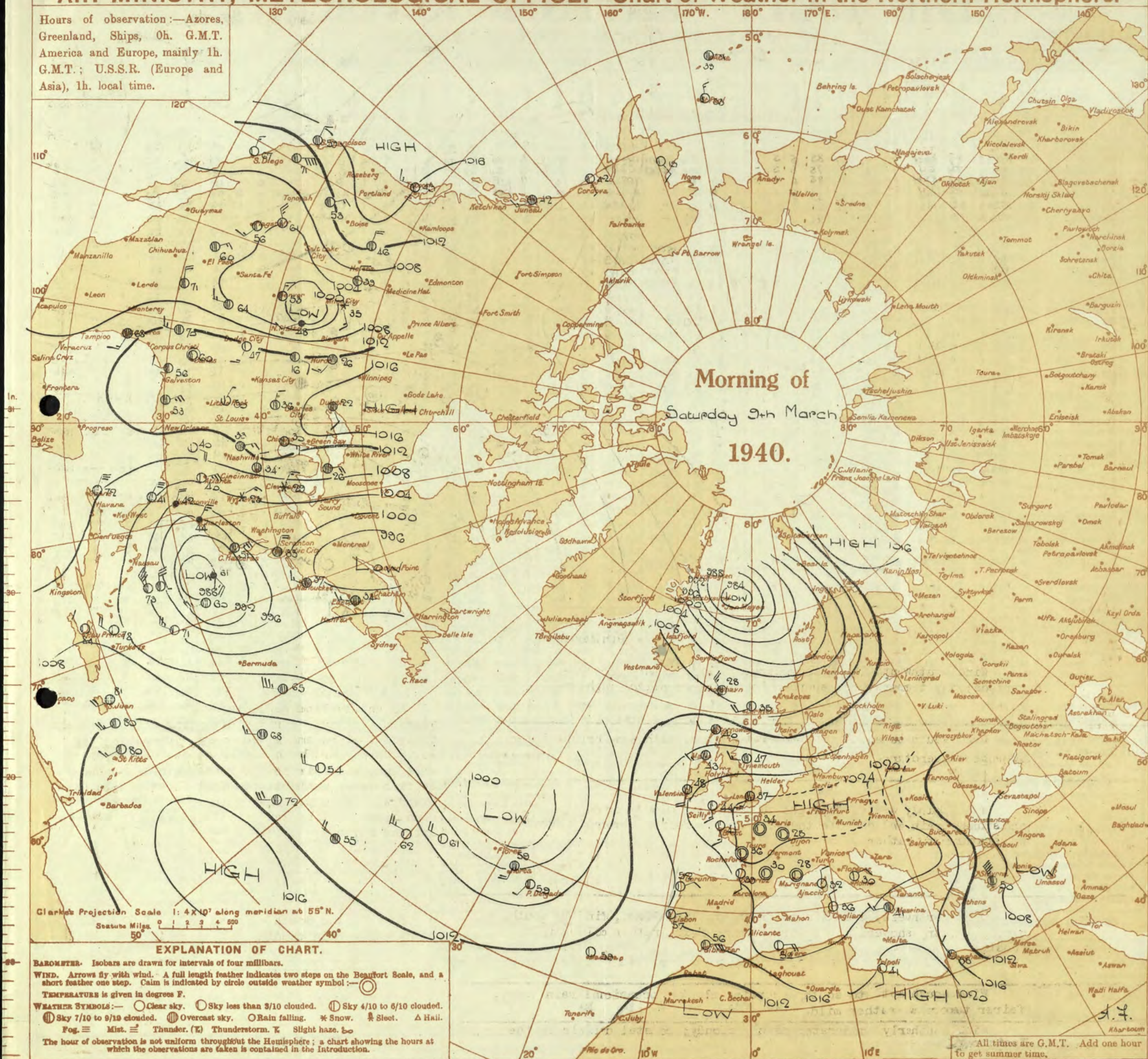
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

416/3012, 11/8/10, 04626, 04946, 15300, 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.



THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Saturday 9th March 1940.
No 28597.

OBSERVATIONS at 1 hr. G.M.T. 9th March														OBSERVATIONS at 7 hr. G.M.T. 9th March														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above of M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.			SUNSHINE 8th Hrs.
					Dirce.	Force.					Form.	Amount.	Height of Base. (feet)	Dirce.	Force.			Form.	Amount.					Height of Base. (feet)	Max. Day 7h-1st °F.	Min. Night 1st-7h °F.	Min. on Grass °F.	Day 7h-1st mm.			Night 1st-7h mm.						
																																0-12	0-10	0-10	0-10	0-9	
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Stmntn.) ... Lymagne ... Manston ...	18 217 226 417 418 346 154	* 1023.2 1024.3 1023.7 1023.8 1024.1 1023.5	+2 +6 +2 +2 +4 +2	* SSW SW SSW WSW W WSW	* 3 2 1 2 2 3	* Zo Zo Zo Zo Zo Zo	* 37 39 33 35 36 35	* 85 75 85 85 85 85	* 5 5 6 6 5 6	* 5 5 6 6 5 7	* - - - - - -	* - - - - - -	* - - - - - -	1022.9 1023.1 1023.4 1023.1 1023.5 1024.0 1023.1	-2 +2 +2 -2 0 +6 +6	SWW SW SW N W WSW	2 3 3 2 1 3 3	n Zo Zo bcf bcf Zo	36 35 32 31 30 34 33	92 48 97 6 97 97 82	4 6 6 1 3 6 6	- - - - - - -	0 0 0 0.2 2.3 0 0	- - - - 4000 - -	3 0 3 0 3 1 0	*	46 48 50 50 48 46 44	35 34 32 28 29 33 33	23 30 27 24 25 28 29	- - - - - - -	Tr - - - - - -	1.7 1.2 0.6 3.5 2.3 2.0 2.4				
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	11 15 5 19 240	* 1021.3 1021.0 1021.6 1020.2	+2 0 +2 +2	* SW WSW SW WSW	* 3 3 3 3	* m c Zo Zo	* 35 42 39 40	* 85 65 85 87	* 4 5 5 5	* 5 5 5 5	* - - - -	* - - - -	* - - - -	1022.9 1022.0 1020.9 1021.0 1019.5	+4 +6 +2 +2 0	SWW WSW WSW SW WSW	2 2 2 3 3	n m bc Zo Zo	36 35 37 35 35	92 85 85 75 97	4 6 5 6 6	- - - - -	0 0.7 2.3 0.7 0.9	- - - - -	1 1 0 0 0	*	47 42 44 48 45	35 33 36 33 33	25 29 29 28 28	- - - - 0.1	- - - - -	0.1 1.1 0.0 1.0 1.2				
3	Birmingham ... Upper Heyford ...	535 408	* 1022.3	+6	* SW	* 1	* Zo	* 32	* 97	* 5	* -	* 2	* 0	1021.1 1022.3	-2 -2	* SW SSW	* 3 2	* c Zo	* 38 33	* 85 92	* 6 6	* 5 5	* 7 -	* 7.8 10	* 7.8 4.0	* 2500 4000	* 1 1	* 1 1	* 49 49	* 35 27	* 32 25	* - -	* - -	* 0.6 1.6			
4	Ross-on-Wye ...	223	* 1022.3	+6	* SW	* 1	* Zo	* 32	* 97	* 5	* -	* 2	* 0	1021.8	-4	* SSW	* 3	* Zo	* 37	* 85	* 6	* 5	* -	* 1	* 2.3	* 2500	* 1	* 1	* 51	* 31	* 20	* -	* -	* 1.6			
5	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	299 209 32 82 240 163 175	1022.4 1023.3 1024.0 1023.6 1023.7 1022.3 1024.2	-2 -2 +2 +2 +2 +2 -2	S SSW WSW ENE SE SE SE	3 2 2 2 3 3 0	bc Zo bc bc bc bc bc	40 37 41 35 43 44 34	75 85 82 32 75 75 75	8 5 5 5 7 8 7	S 5 5 5 4 3 -	- - - - - - -	- - - - - - -	- - - - - - -	1021.6 1022.7 1023.5 1022.8 1022.5 1021.0 1023.8	+2 -2 -2 -2 -2 +2 +2	SSW SW SW E'N SSE SE SW	3 2 2 1 4 3 1	c bc Zo bc bc bc bc	41 36 43 38 43 44 38	75 85 92 52 75 75 75	7 7 7 5 8 8 7	- - - - - - -	4 6 4 6 4 8 9	7.8 4.6 4.6 0.4 2.3 4.6 0.4	5700 4000 4000 - 2500 2500 -	0 1 0 0 0 2 5	2 2 1 1 2 2 2	*	46 50 46 40 49 50 49	35 33 33 30 42 42 33	36 30 34 30 42 42 25	- - - - - - -	- - - - - - -	3.9 7.7 4.0 6.2 7.7 8.0		
6	Pembroke ...	142	1021.3	0	SW	3	b	44	97	7	-	-	0	1020.5	-4	SW	4	c	44	9																	
7	Holyhead ...	26	1013.4	-2	SSW	4	c	45	85	7	5	-	10	1018.3	-4	SSW	4	c	45	9																	
8	Chester (Sealand) ...	16	1020.0	-2	S	1	Zo	39	65	6	-	-	0	1013.1	-6	-	0	Zo	36	85	5	5	4	-	7.8	7.8	2500	1	2	4.8	44	40	38	40	5.0		
8	Manchester ...	70	1020.4	0	SSE	1	m	37	92	4	5	-	Tr	1019.0	-4	SW'S	1	m	35	97	4	5	-	-	3+	3+	2500	1	2	4.9	33	29	0.3	-	0.0		
10	Spurn Head ... Catterick ... Tynemouth ...	29 175 108	1018.6 1017.1 1016.5	0 -6 -2	WSW W W	3 3 3	c bc c	41 44 47	32 75 75	6 7 7	5 5 8	4 5 -	4.6 4.6 3	1017.9 1015.7 1014.7	-2 -6 -4	SWW W W	4 1 3	c C C	37 45 45	92 75 85	6 7 8	4 5 8	4 5 -	- 5 -	4.6 7.8 7.8	7.8 9+	4000 1500 2500	0 0 0	3 1 1	4.5 4.6 5.0	36 43 44	35 43 39	Tr - -	- - -	0.1 0.0 *		
11	St. Abbs Head ... Leuchars ...	280 36	1012.6 1012.5	-6 -6	SW WSW	5 4	c lfo	47 46	75 92	7 6	5 -	3 2	4.6 10	1012.7 1013.0	+10 +14	WNW E	5 1	c id.	45 41	85 97	7 6	8 5	2 2	- -	4.6 9+	10 800	2500 800	1 1	3 *	4.7 4.9	44 40	40 40	41 42	41 41	Tr Tr	0.1 0.1	0.0 0.0
12	Renfrew (Abbots I.) ... Eskdalemuir ... Point of Ayre ...	19 794 30	1014.1 * 1017.6	-6 * 0	SW * WSW	4 * 5	rofo * bc	45 * 45	32 * 85	5 * 8	5 * 5	- * -	10 * 2.3	1013.7 1014.4 1015.9	+2 +2 -8	W SW W'S	2 3 3	id. rr rr	43 41 45	97 97 32	7 6 8	5 5 5	7 2 7	- - -	3+ 10 1	1500 1500 2500	1 1 0	1 1 3	4.3 4.3 4.9	43 41 44	43 41 44	2 1 1	8 1 1	0.0 0.0 0.0			
13A	Tiree ...	22	* 1012.8	* 0	* WSW	* 2	* c	* 40	* 85	* 7	* 8	* 7	* 7.8	1012.7 1013.2	+2 +4	* W	* 1	* c	* 38	* 92	* 7	* 8	* 5	* 7	* -	* 2.3 2.3	* 4.6 9+	* 2500 4000	* 1 4	* 1 1	* 5.0 4.4	* 38 29	* 21	* 11	* 3	* 0.0	
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	1176 79 81 156	* 1011.5 1007.8	* -4 -20	* SSW WSW	* 3 4	* c bc	* 34 35	* 97 75	* 7 8	* 5 5	* 7 -	* - -	* 4.6 2.3	1012.5 1010.7 1007.5	+4 +4 +22	* W WNW WSW	* 2 3 6	* bc d.d. sps	* 38 39 33	* 85 97 85	* 7 8 8	* 5 5 7	* 2 2 -	* 1 1 -	* 2.3 7.8	* 2.3 10	* 2500 1500 800	* 1 1 4	* 1 1 *	* 5.0 4.8 4.5	* 37 48 31	* 31	* 0.1 1	* Tr 2	* 0.0 2.5	
17	Blackod Point ...	18	1015.7	0	S	4	id	48	92	6	6	-	10	1014.7	-6	S	4	id	48	97	6	6	-	-	10	10	1500	1	2	4.9	46	40	2	16	0.0		
18	Malin Head ... Aldergrove ...	84 268	1014.3 1016.3	+6 -2	SW SW'S	3 4	c ir.	46 44	92 92	7 7	6 6	- 2	9+	1014.4 1015.9	+8 -2	NE SW'S	3 3	rr rofo	43 43	97 97	6 6	3 -	- 2	- -	9+	10	1500	1	3	4.8 4.9	42 42	41	5	7	0.0		
19	Birr Castle ...	173	1018.3	0	SSW	1	c	44	85	7	5	-	10	1017.4	-4	S	1	c	46	85	7	6	2	-	7.8	10	1500	1	3	5.2	41	39	-	Tr	0.0		
20	Valentia Obsy. Roche Point	30 22	1018.4 1013.7	-2 -4	SE SSW	4 3	o c	48 46	85 92	8 8	5 5	- -	10 3	1016.9 1018.5	-6 0	S SSW	4 3	c c	48 47	85 85	7 8	5 -	- -	- -	9+	3+	2500	1	3	5.1 4.9	47 45	45	-	-	0.3 0.0		

LONDON OBSERVATIONS.														Weather		Temperature.			Rainfall.		Sun-shine to Sunset hrs.		Humidity.		Atmospheric Pollution.		EXPLANATION OF FIGURES, LETTERS, etc.								
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.														Height above sea level in feet.	Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass °F.	Day.	Night.	15h. G.M.T.	9h. G.M.T.	Visibility 9h.	Miligrams of Solid Impurity per cubic metre.	COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.			COLUMNS 8, 22 —Code for surface visibility. Objects not visible at					
															24 hrs. ended 9h.			°F.	°F.		mm.	mm.	Yesterday.	To-day.	24 hrs. ended 7h. G.M.T.....										
																							SOUTH KENSINGTON.												
														Max.	Time.	Min.	Time.											COLUMNS 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.							
														KEW OBSERVATORY.																					
														Max.	Time.	Min.	Time.																		
Kew...	18	cmbfm	cmbcz	bmxm	46	35	23	-	-	1·7	.	.	5												0 Dense fog 55 yards.										
CROYDON ...	217	c m ₂ o	czbcz	b ₂ bcm	48	34	30	-	-	1·2	.	.	6												1 Thick fog 220 "										
GREENWICH (Royal Observatory)...	149	.	.	.	.	.	.	.	.	.	.	.	.												2 Fog 550 "		
CITY (Bunhill Row) ...	—	.	.	.	.	.	.	.	.	.	.	.	.												3 Moderate fog 1,100 "		
WESTMINSTER (St. James' Park) ...	27	.	.	.	.	.	.	.	.	.	.	.	.												4 Mist or haze 1½ miles.		
REGENTS PK. (Botanic Gardens)...	168	.	.	.	.	.	.	.	.	.	.	.	.												5 Poor visibility 2½ "		
CAMDEN SQUARE ...	110	.	.	.	.	.	.	.	.	.	.	.	.												6 Moderate " 6½ "		
KENSINGTON ...	80	.	.	.	.	.	.	.	.	.	.	.	.												7 Good " 12½ "		
HAMPSTEAD OBSERVATORY ...	450	.	.	.	.	.	.	.	.	.	.	.	.												8 Very good " 31 "		
																													9 Excellent " beyond 31m.						
FOREIGN OBSERVATIONS.														18h. G.M.T. 8h. March				7h. G.M.T. 9h. March				Past 24 Hours.													
STATIONS.														Barom. mb.	Wind. Direc. Force.		Weather.	Temp. °F.	Barom. mb.	Wind. Direc. Force.		Weather.	Temp. °F.	Max. Day °F.	Min. Night °F.	Rainfall. Day mm. Night mm.									
PARIS ...																			1026·7	- 0		F+	27		-	27									
BRUSSELS ...																																			
BERLIN ...																																			
ZÜRICH ...																																			
ROME ...														1018·0	W	2	c	45	1023·3	NE	2	bc	30	.	.	-	-								
																								COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0·1 mm.											

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

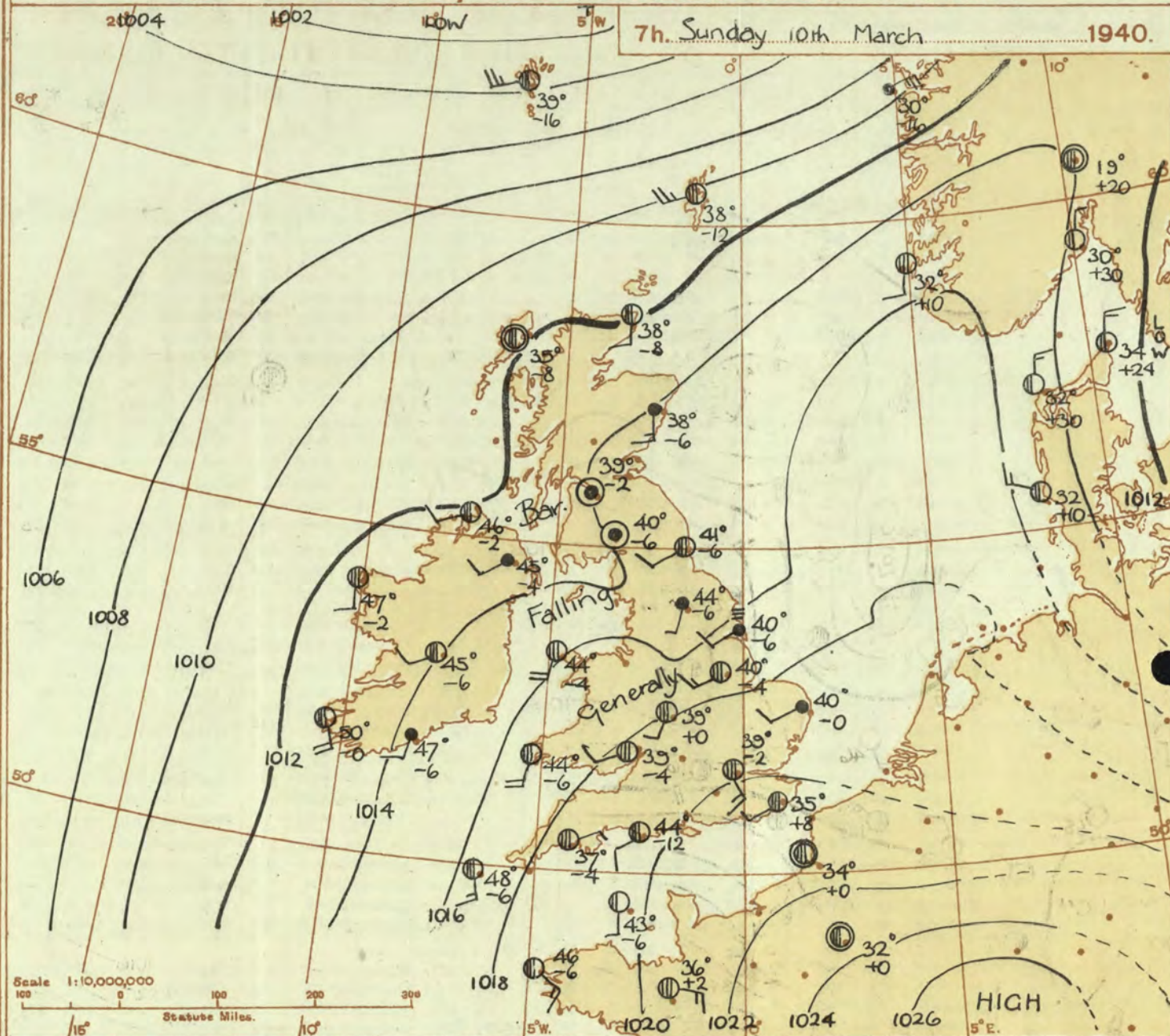
N. K. JOHNSON, D.Sc., A.R.C.S., Director.

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET
BRITISH SECTIONSunday 10th March 1940.
No. 28598

OBSERVATIONS at 13h. G.M.T. 9th March.														OBSERVATIONS at 18h. G.M.T. 9th 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. (5)	Temp. °F. (6)	Humid. % (7)	Visib. mi. (8)	Cloud.				Barom. M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visib. mi. (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Dir.	Force. 0-12 (4)					Low.	Med.	High. (11)	Low 0-10 (12)			Total 0-10 (13)	Height of Base (feet) (14)					Low.	Med.	High. (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 9th (37)	13h.—18h. 9th (38)	18h. 9th. to 10th. (39)	1h.—7h. 10th (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1	London (Kew)...	1021.7	-1.2	SW	4	Z	48	55	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5	1	4-6	7-8	4000	1020.5	-2	SW	4	Z	45	65	6	5

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 ...	As 1.
4 W. Midlands ...	Moderate southerly wind; fair; rather mild.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind west to southwest, light; dull, occasional rain today; fair periods tomorrow; average temperature.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	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.
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, freshening tomorrow; dull, with occasional rain or drizzle and much hill fog; 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 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.

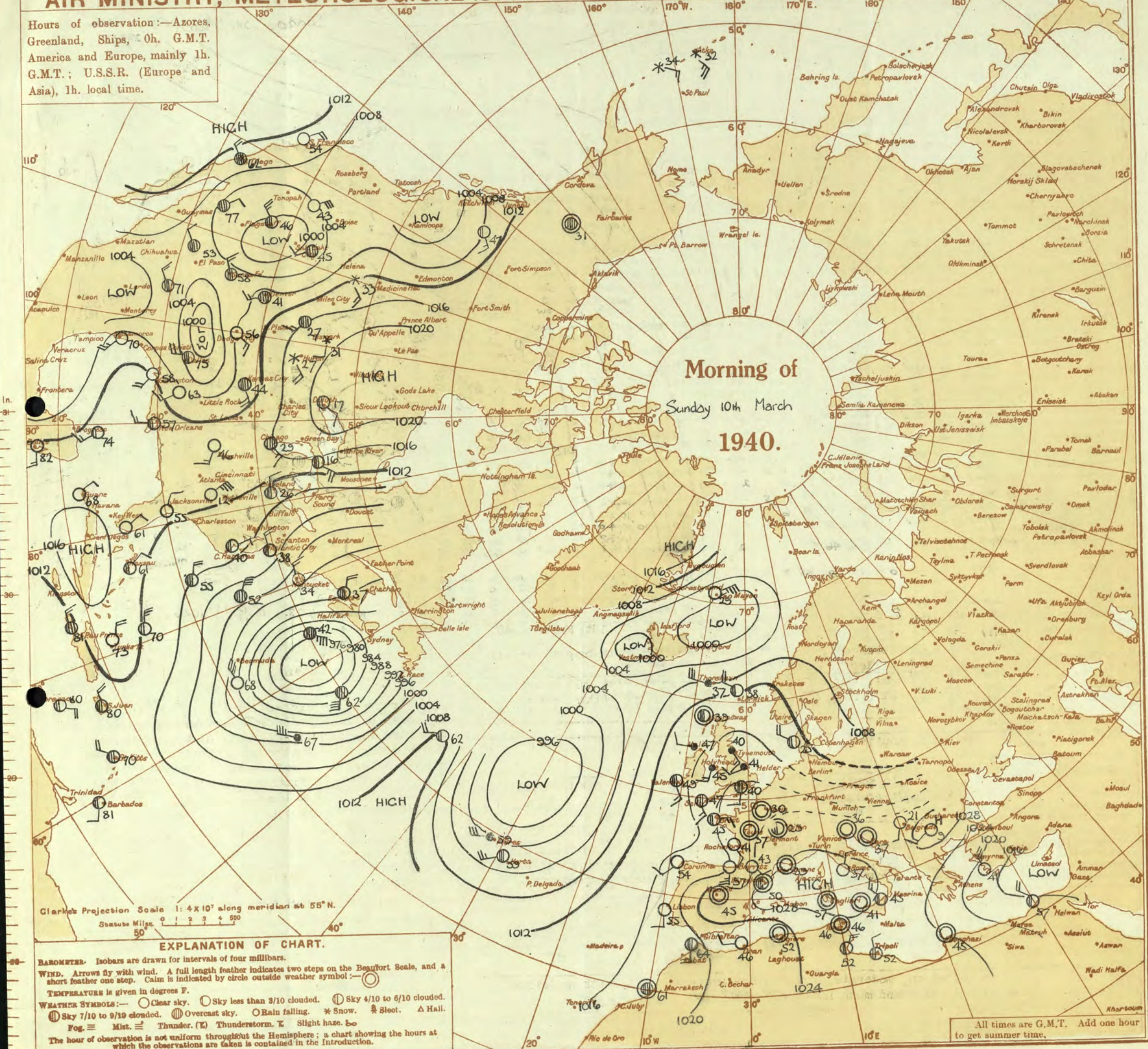
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

G. 476/3632. 14/8/105 0.4606. 04/346. 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.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 10th March 1940.

No. 28598

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.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.			Night 18h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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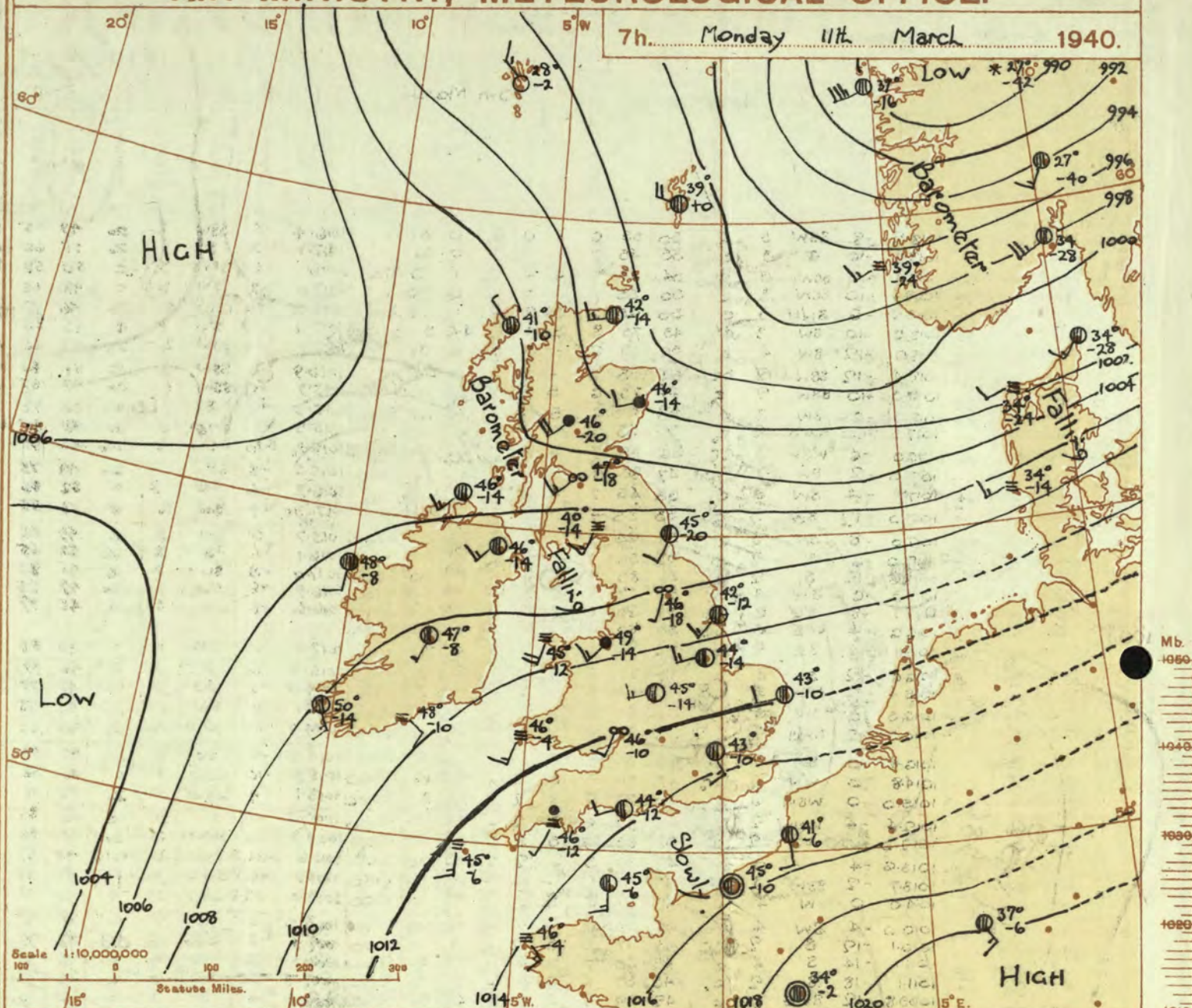
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.	COLUMNS 9, 23.—FORM OF LOW CLOUD.	COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.	COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.
<p>b, blue sky (not more than a quarter covered with cloud). bc, sky partly cloudy (one half covered). c, generally cloudy. d, drizzle. e, wet air. g, gloom. f, fog, visibility 220–1100 yds. F, thick fog „ less than 220 yds. fs, low fog over sea (coast station). fg, low fog over land (inland station). m, mist, visibility 1100–2200 yds. h, hail. i, intermittent. jf, fog at a distance, but not at station. jp, precipitation within sight of station. ks, storm of drifting snow. k/s, slight storm of drifting snow (generally low). k/S, heavy storm of drifting snow (generally low). s_o/k, slight storm of drifting snow (generally high). S/k, heavy storm of drifting snow (generally high). KQ, line squall. l, lightning. o, overcast sky. p, passing showers.</p>	<p>q, squalls. r, rain. s, snow. rs, sleet. t, thunder. u, ugly, threatening sky. v, unusual visibility. w, dew. x, hoar frost. y, dry air. z, dust haze: the turbid atmosphere of dry weather. h(r), “hail” or “rain and hail.” Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity: thus R, heavy rain. r_o, slight rain. rr, continuous rain. <, less than (for cloud height). #gale. ⊕ Solar halo. ⊙ lunar halo. ∇ Aurora. With present weather is combined, whenever possible, the general character of the weather. A “solidus” divides actual existing weather from preceding conditions thus:—bc/r, fair weather after rain: —, has decreased; +, has increased.</p>	<p>0 No low clouds. 1 Fair weather Cu. 2 Large Cu without anvil. 3 Cb. 4 Sc formed by the spreading out of Cu. 5 Layer of St or Sc. 6 Ragged low clouds of bad weather (or fractonimbus). 7 Fair weather Cu and Sc. 8 Large-Cu (or Cb) and Sc. 9 Large-Cu (or Cb) and ragged low clouds of bad weather.</p>	<p>0 No cirriform cloud. 1 Fine Ci not increasing: sparse. 2 Fine Ci not increasing: abundant but not a continuous layer. 3 Anvil Ci (usually dense). 4 Fine Ci increasing: usually in tufts. 5 Ci or Cs increasing: still below 45° altitude: often in polar bands. 6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands. 7 Veil of Cs covering whole sky. 8 Cs not increasing and not covering whole sky. 9 Co predominating, and a little cirrus. (Co may occur with any of the types 1 to 8).</p>
	<p>COLUMNS 12, 13, 26, 27.</p> <p>Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud. An entry “4-6” means that the cloud amount may be 4, 5 or 6: similarly for other grouped entries. “tr” signifies a small amount of cloud (trace) covering less than 1/20 of the sky. “9+” signifies an overcast sky with a few small openings. † Sea disturbance reported from Dungeness.</p>	<p>Cloud form abbreviations:— Cirrus, -Ci: Cirrocumulus, -Cc: Cirrostratus, -Cs: Altopcumulus, -Ac: Altostratus, -As: Stratocumulus, -Sc: Stratus, -St: Nimbostratus, -Ns: Cumulus, -Cu: Cumulonimbus, -Cb</p>	
		<p>COLUMN 29.—STATE OF GROUND.</p> <p>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.</p>	<p>7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen. 8 .. „ covered with snow, less than 6 ins., but ground frozen. 9 .. „ covered with snow greater than 6 ins. deep. - .. Fresh snow has fallen in the mountains.</p>

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 11th March 1940.



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.

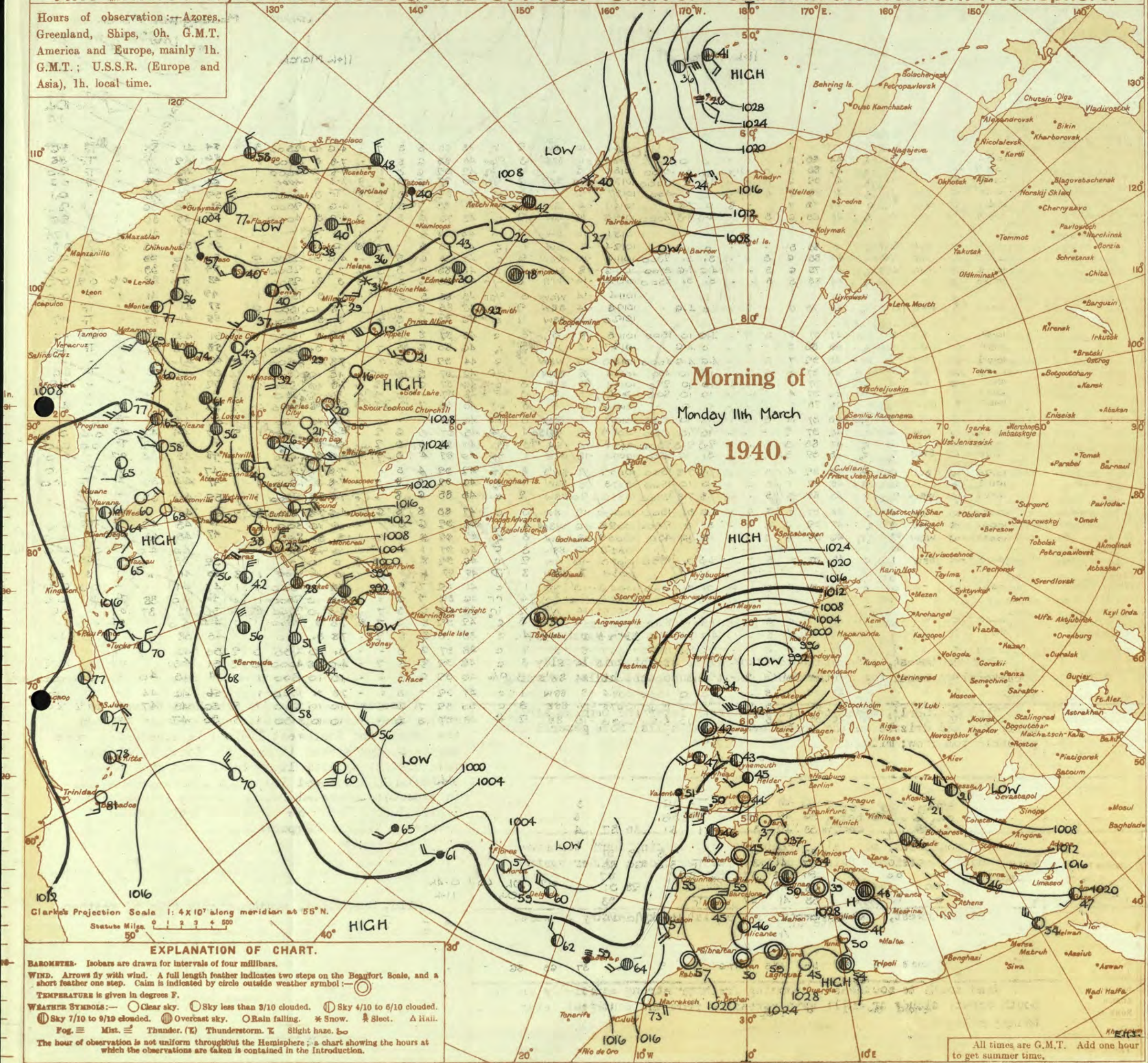
Forecasts issued at 1030 G.M.T.
H.M.S.O. Press, Cornwall House & Co.

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

G. 476/3853, H. 8109, D. 4626, G. 248, 15,500, 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.



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

BRITISH SECTION

Monday 11th March 1940.

No 28533

OBSERVATIONS at 1 hr. G.M.T. 11th March														OBSERVATIONS at 7 hr. G.M.T. 11th 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. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SON-SHINE Hrs. (36)	
					Dirce.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Dirce.	Force.			Form.	Amount.					Height of Base. (feet) (28)	Max. Day 7h-12h °F. (31)	Min. Night 12h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-12h mm. (34)			Night 12h-7h mm. (35)						
																																0-12	0-10	0-10	0-10		0-10	0-9	0-9
1	London (Kew)	18	1015.4	-10	SW	2	44	85	6	0	0	0	0	1015.1	-10	SW	2	48	85	5	5	7	4-G	10	2500	3	54	41	33	-	Tr	3.6					
	Croydon	217	1015.2	-14	SW	2	44	85	6	0	0	0	0	1015.3	-10	SW	2	48	85	6	8	7	7-8	10	4000	1	56	42	39	-	Tr	3.8					
	S. Farnborough	226	1015.2	-14	SW	2	44	85	6	0	0	0	0	1015.4	-10	SW	2	48	85	6	8	7	7-8	10	4000	1	56	42	39	-	Tr	3.8					
	Boscombe Down	417	1015.8	-12	SW	2	44	82	6	0	0	0	0	1015.4	-10	SW	2	48	85	6	8	7	7-8	10	4000	1	56	42	39	-	Tr	3.8					
	Calshot (Stmnt.)	8	1015.8	-14	SE	1	41	82	6	5	1	4000	1015.7	-10	SW	2	41	82	5	5	7	8	Tr	3	4000	1	52	39	35	-	Tr	0.1					
	Lympne	346	1015.6	-14	WS	2	42	70	7	8	0	7.8	1014.7	-4	SW	2	41	85	7	5	2	4-G	10	2500	1	51	40	36	-	Tr	2.0						
	Manston	154	1015.5	-14	SW	3	43	65	6	5	2	2.3	4000	1015.8	-12	SW	2	43	75	6	5	3	3	4-G	10	4000	0	55	39	36	-	Tr	2.6				
2	Shoeburyness	11	1014.2	-12	SW	2	41	85	5	7	0	10	1012.4	-4	SW	1	41	85	5	3	8	0	5	4-G	10	2500	1	50	40	39	-	Tr	0.9				
	Felixstowe	15	1013.9	-12	SW	2	44	85	6	5	0	10	1011.4	-10	WSW	2	43	75	6	5	4	4-G	10	2500	1	50	40	39	-	Tr	0.0						
	Gorleston	5	1013.9	-12	SW	2	44	85	6	5	0	10	1011.4	-10	WSW	2	43	75	6	5	4	4-G	10	2500	1	50	40	39	-	Tr	0.0						
	Mildenhall	19	1013.6	-14	SW	3	45	75	6	5	0	10	1011.3	-8	SW	2	43	85	6	5	3	6	7-8	10	2500	1	54	42	39	-	Tr	0.3					
	Cranwell	240	1013.0	-10	SW	2	44	85	5	5	0	10	1010.4	-14	WS	3	44	85	6	5	4	5	3	4-G	10	2500	1	48	42	38	0.6	0.2	0.0				
3	Birmingham	535	1015.3	-8	SW	3	43	75	6	2	0	4-G	1012.8	-14	WSW	3	43	85	6	5	1	7-8	10	1500	0	57	41	39	-	Tr	0.0						
	Upper Heyford	408	1015.3	-8	SW	3	43	75	6	2	0	4-G	1012.8	-14	WSW	3	43	85	6	5	1	7-8	10	1500	0	57	41	39	-	Tr	0.0						
4	Ross-on-Wye	223	1015.3	-8	SW	3	43	75	6	2	0	4-G	1012.8	-14	WSW	3	43	85	6	5	1	7-8	10	1500	0	57	41	39	-	Tr	0.0						
5	Hartland Point	299	1014.2	-10	S	3	47	57	8	2	4-G	10	1500	1011.8	-8	S	3	48	57	8	8	1	7-8	10	1500	1	51	44	42	-	Tr	0.1					
	Bristol	209	1015.3	-10	S	1	45	85	5	7	0	4-G	1012.7	-14	S	3	48	85	6	5	7	7-8	10	2500	1	58	43	36	-	Tr	2.0						
	Portland Bill	32	1015.2	-12	SW	2	45	82	7	5	4-G	4-G	4000	1013.5	-12	WSW	2	44	82	7	5	7	7-8	10	4000	0	48	41	-	Tr	3.6						
	Plymouth	82	1015.8	-10	WS	1	48	87	5	5	10	10	400	1013.4	-12	WSW	1	46	87	5	5	1	10	10	400	0	53	45	40	-	Tr	3.6					
	The Lizard	240	1015.1	-10	SW	3	47	87	4	5	10	10	820	1013.1	-8	SE	3	46	87	6	8	2	7-8	10	1500	0	52	45	-	Tr	4.2						
	Scilly (St. Mary's)	163	1014.8	-6	S	3	50	87	4	5	10	10	800	1011.6	-8	S	3	48	87	6	8	2	7-8	10	1500	0	54	47	-	Tr	4.9						
	Guernsey	175	1015.2	-8	SW	1	48	75	7	-	0	0	-	1014.6	-6	S	3	46	85	7	1	7	7-8	10	2500	0	54	43	32	4	-	Tr	4.0				
6	Pembroke	142	1014.1	-4	S	2	45	87	5	5	2	7-8	10	1500	1010.7	-4	SW	3	46	87	1	-	-	10	10	1500	1	47	44	-	Tr	0.2					
7	Holyhead	26	1011.3	-14	SW	4	45	87	2	-	10	10	1500	1008.5	-12	SW	4	45	87	5	6	2	4-G	10	4500	1	47	44	44	0.3	0.4	0.0					
	Chester (Sealand)	16	1013.2	-10	SW	2	47	85	5	5	2-3	2-3	2500	1009.8	-14	SW	3	49	85	5	5	2	3	3	800	1	51	46	38	Tr	0.6	0.0					
8	Manchester	70	1012.3	-10	SW	2	45	82	5	5	3	10	2500	1009.3	-18	SE	1	40	82	4	5	7	4-G	10	2500	1	48	39	33	0.2	0.0	0.0					
10	Spurn Head	29	1012.2	-10	SW	3	45	82	4	5	7-8	7-8	1500	1009.2	-12	SW	3	42	82	4	5	-	7-8	10	2500	1	47	41	-	Tr	0.0						
	Catterick	175	1011.3	-14	SW	2	48	87	7	5	10	10	1500	1007.3	-18	SW	1	46	87	6	8	7	7-8	10	1500	1	47	44	36	2	Tr	0.0					
	Tynemouth	108	1012.2	-10	WSW	2	43	85	6	5	7-8	7-8	2500	1007.6	-20	SW	2	45	85	6	8	-	7-8	10	2500	1	52	42	39	-	Tr	0.0					
11	St. Abbs Head	280	1008.3	-10	SW	3	48	87	7	8	4-G	3	1500	1004.0	-12	SW	3	47	85	8	8	6	4-G	10	2500	0	48	41	-	Tr	0.0						
	Leuchars	36	1006.9	-18	SW	4	47	82	6	5	8	3	2500	1002.8	-16	WSW	4	48	82	6	5	-	10	10	3000	1	48	45	42	Tr	Tr	0.0					
12	Renfrew (Abbots L.)	19	1009.0	-10	WSW	2	46	87	4	6	7-8	10	450	1005.2	-18	SW	3	47	82	6	5	7	1	9	3	800	1	47	45	43	0.5	0.1	0.0				
	Esksdalemuir	794	1009.0	-10	WSW	2	46	87	4	6	7-8	10	450	1005.2	-18	SW	3	47	82	6	5	7	1	9	3	800	1	47	45	43	0.5	0.1	0.0				
	Point of Ayre	30	1010.3	-14	SSW	1	45	87	7	5	2-3	3	1500	1007.5	-10	NW	2	46	87	8	-	7	7	0	10	-	1	52	43	-	Tr	0.1					
13A	Tiree	22	1008.2	-10	SW	3	43	87	6	5	0	3	1500	1004.3	-10	NW	1	41	82	7	5	2	7-8	10	1500	1	47	41	-	Tr	0.0						
13B	Stornoway	80	1006.2	-10	SW	3	43	87	6	5	0	3	1500	1004.3	-10	NW	1	41	82	7	5	2	7-8	10	1500	1	47	41	-	Tr	0.0						
15	Dalwhinnie	1176	1006.2	-10	SW	3	43	87	6	5	0	3	1500	1004.3	-10	NW	1	41	82	7	5	2	7-8	10	1500	1	47	41	-	Tr	0.0						
	Aberdeen	79	1003.9	-10	W	1	43	87	6	5	2	7-8	10	800	1000.3	-14	WSW	3	42	82	8	5	7	8	7-8	10	2500	1	44	40	-	Tr	0.6				
	Wick	81	1003.9	-10	W	1	43	87	6	5	2	7-8	10	800	1000.3	-14	WSW	3	42	82	8	5	7	8	7-8	10	2500	1	44	40	-	Tr	0.6				
16	Lerwick	156	1003.3	-28	WSW	6	42	87	7	8	4-G	7-8	800	998.5	0	WNW	4	39	75	8	8	2	7-8	10	800	1	43	38	-	Tr	3.4						
17	Blacksod Point	18	1003.6	-12	S	2	47	87	7	8	2-3	2-3	1500	1002.7	-8	S	2	48	87	6	5	-	3	10	1500	0	50	46	-	Tr	-	0.2					
18	Malin Head	84	1008.5	-12	SW	4	47	87	6	8	0	3	800	1005.5	-14	SW	3	48	87	8	8	7	4-G	10	4000	0	51	45	-	Tr	0.3	0.1					
	Aldergrove	208	1010.1	-14	SSW	2	48	82	6	5	2-3	10	2500	1002.8	-14	SW	3	48	82	6	5	-	10	10	800	1	51	45	40	2	0.3	0.1					
19	Birr Castle	173	1011.4	-8	S	1	47	82	7	5	10	10	1500	1008.4	-8	SW	1	47	82	7	5	1	7-8	10	1500	1	56	46	44	-	Tr	0.0					
20	Valentia Obay.	30	1010.7	-14	SE	4	51	82	8	5	2	7-8	10	1500	1007.8	-14	SE	3	50	82	7	5	-	10	10	800	1	52	43	47	Tr	0.2					
	Roche Point	22	1012.2	-12	SE	3	48	87	3	5	10	10	1500	1009.3	-10	SE	2	48	87	3																	

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

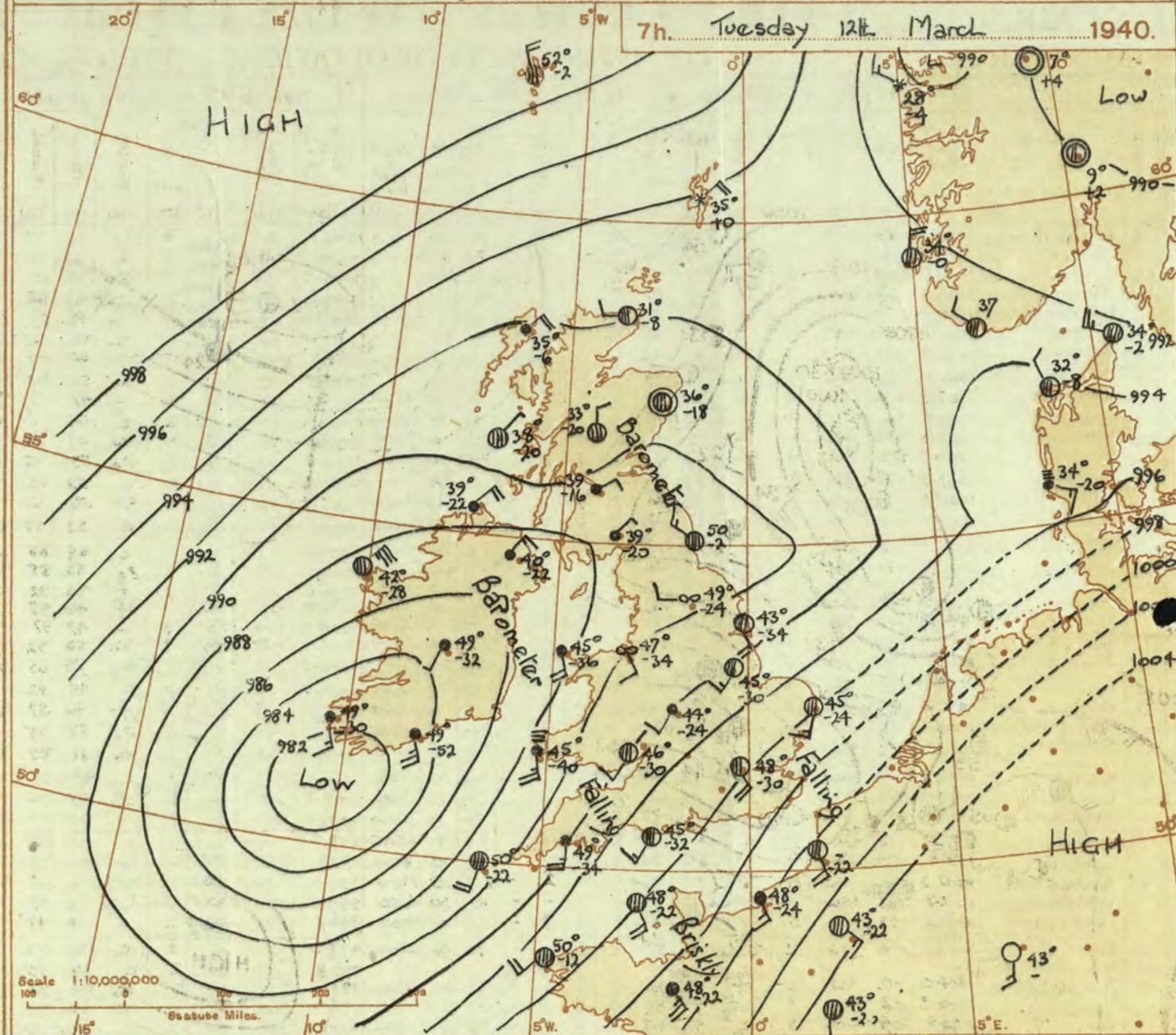
SECRET
BRITISH SECTION
Tuesday 12th March 1940.
No. 28600

PAST 24 HOURS.

OBSERVATIONS at 13h. G.M.T. 11th March														OBSERVATIONS at 18h. G.M.T. 11th 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.									
				Direc.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)			Direc.	Force. 0-12 (18)					Form.	Amount. Low 0-10 Total 0-10 (26) (27)	Height of Base. (feet) (28)	7h.—13h. 11h. (37)			13h.—18h. 11h. (38)	18h.—24h. 1h. (39)	1h.—7h. 12h. (40)							
1	London (Kew)...	1009.4	-26	SW'S	4	20	54	65	7	-	4	7	0	94	1006.1	-8	SW'S	4	20	52	75	6	5	-	94	94	2500	1	*	ffroczo	cyczo	c2 bem	cm			
	Croydon ...	1010.3	-22	S	4	bc	60	55	7	-	4	8	0	4-6	1006.9	-14	S	3	C	53	75	6	5	3	8	4-6	94	5700	1	*	cmobc	becyzo	c2 bem	cm		
	S. Farnborough	1009.8	-22	SW	4	bc	58	55	7	-	3	6	0	4-6	1006.4	-14	S	3	20	52	65	6	7	4	9	7-8	94	5700	0	*	cfmo	becmo	bemf, bem	bemf		
	Boscombe Down	1009.5	-28	SSW	4	b	57	85	7	-	2	0	2-3	-	1006.8	-12	S	3	20	49	55	6	5	-	94	94	5700	0	*	cfmo	becmo	bemf, bem	bemf			
	Calshot (Soton.)	1010.6	-26	SW	3	b	55	65	8	-	4	1	0	1	1007.4	-14	WSW	3	ft	44	97	2	-	-	10	10	4150	1	2	cfmo	becmo	cbm	bm			
	Lympne	1012.1	-20	SSW	4	c	55	65	8	-	4	6	0	7-8	1009.0	-12	SSW	2	c	46	75	7	-	5	6	0	7-8	-	1	9	cfmo	becmo	cbm	bm		
	Manston	1010.4	-18	SSW	4	20	57	55	6	-	7	8	0	9	1007.1	-18	SW	3	bc	50	65	7	-	5	9	0	4-6	-	0	*	ffroczo	cyczo	c2 bem	cm		
2	Shoeburyness	1010.1	-20	SW	3	bc	56	75	5	-	7	-	0	4-6	1007.0	-14	SSW	3	C	52	75	6	5	7	-	9	94	-	1	*	cmobc	becmo	cbm	bm		
	Felixstowe	1009.9	-12	SW	2	c/r	50	75	5	7	-	4-6	10	4000	1005.4	-12	SSW	2	C	47	75	7	5	4	8	2-3	94	4000	1	1	*	cmobc	becmo	cbm	bm	
	Gorleston	1008.8	-6	WSW	4	c	53	75	6	5	-	94	2500	1005.2	-20	SW'S	3	C	48	75	6	5	1	-	4-6	9	2500	1	2	*	cmobc	becmo	cbm	bm		
	Mildenhall	1008.6	-22	SE	2	ir	49	92	6	5	1	-	2-3	10	2500	1004.4	-6	SW'S	4	20	57	65	6	5	3	-	7-8	94	5700	1	*	cmobc	becmo	cbm	bm	
	Cranwell	1006.9	-22	SW	4	c/r	53	85	6	5	7	-	7-8	10	2500	1003.2	-18	SW'S	3	20	53	75	6	5	-	94	94	5700	1	*	cmobc	becmo	cbm	bm		
3	Birmingham	1007.8	-20	SW	3	C	53	75	7	-	7	7	0	94	1004.8	-10	WSW	3	C	52	75	7	5	7	-	7-8	94	2500	1	*	cmobc	becmo	cbm	bm		
	Upper Heyford	1009.0	-20	WSW	3	C	59	45	7	1	3	9	1	4	8	1005.7	-18	WSW	3	c/r	56	65	8	8	-	1	7-8	94	2500	0	*	cmobc	becmo	cbm	bm	
4	Ross-on-Wye	1007.7	-24	SW	3	bc	58	45	7	1	4	8	Tr	4-6	1004.9	-14	WSW	3	C	53	75	6	5	-	94	94	2500	1	*	cmobc	becmo	cbm	bm			
5	Hartland Point	1008.4	-18	SW	3	C	52	85	7	-	6	-	7-8	7-8	4000	1004.9	-14	SW	3	C	54	85	7	4	7	-	4-6	7-8	1500	0	2	*	cmobc	becmo	cbm	bm
	Bristol ...	1009.2	-20	SSW	2	bc	58	55	7	-	3	1	0	4-6	1006.0	-18	S	3	20	52	85	6	5	3	-	4-6	4-6	4000	0	2	*	cmobc	becmo	cbm	bm	
	Portland Bill	1010.8	-16	SW	2	0	46	92	7	5	-	10	10	2500	1006.9	-20	SW	2	f	43	92	2	5	-	-	10	10	4150	0	2	*	cmobc	becmo	cbm	bm	
	Plymouth	1010.9	-18	SSW	1	20	47	92	5	5	-	10	10	450	1006.8	-24	SSW	1	df	46	97	2	-	-	-	10	10	4150	1	1	*	cmobc	becmo	cbm	bm	
	The Lizard	1010.8	-16	SSE	3	F	48	97	1	5	-	10	10	220	1006.2	-20	ES	3	m	47	97	4	8	6	-	7-8	7-8	2500	0	1	*	cmobc	becmo	cbm	bm	
	Soilly (St. Mary's)	1009.4	-10	SSE	3	bc	54	92	6	5	3	-	2-3	4-6	2500	1004.8	-28	SE	3	bc	50	92	7	5	3	-	1	4-6	2500	0	2	*	cmobc	becmo	cbm	bm
	Guernsey	1011.0	-20	SE	2	bc	57	65	7	-	7	8	0	2-3	1006.9	-32	SE	1	bc	54	65	7	-	3	-	0	2-3	-	0	1	*	cmobc	becmo	cbm	bm	
6	Pembroke	1008.1	-14	SW	4	F	46	97	1	-	-	10	10	4150	1004.5	-16	SW'S	4	F	45	92	1	-	-	-	10	10	4150	1	2	*	cmobc	becmo	cbm	bm	
7	Holyhead	1005.6	-22	SW	4	c/r	45	85	3	-	-	10	10	4150	1001.4	-14	SW	4	c/r	46	97	3	-	-	-	10	10	4150	1	2	*	cmobc	becmo	cbm	bm	
	Chester (Sealand)	1006.5	-18	W	2	C	55	75	7	5	7	-	4-6	10	2500	1002.8	-18	-	0	53	75	6	5	7	-	7-8	94	2500	1	*	cmobc	becmo	cbm	bm		
8	Manchester	1006.8	-18	SW'S	3	20	53	75	6	5	7	-	7-8	10	2500	1002.4	-22	SW	3	ir	51	85	6	5	2	-	7-8	94	1500	1	*	cmobc	becmo	cbm	bm	
10	Spurn Head	1005.3	-16	SW	4	pr	49	85	5	5	-	10	10	800	1001.7	-8	SW'S	3	C	49	85	4	5	2	-	7-8	10	1500	0	2	*	cmobc	becmo	cbm	bm	
	Catterick	1004.4	-22	W	5	20	48	92	5	5	2	-	94	10	800	1000.9	-20	WNW	3	20	47	92	6	5	7	-	94	10	800	1	1	*	cmobc	becmo	cbm	bm
	Tynemouth	1004.4	-18	SW	3	C	50	75	5	8	-	94	94	2500	1001.4	-12	SW	2	20	50	65	5	8	-	-	94	94	2500	1	1	*	cmobc	becmo	cbm	bm	
11	St. Abbs Head	1000.5	-12	W	2	C	50	75	8	8	6	-	7-8	94	2500	998.5	-14	WSW	3	C	48	85	7	5	2	-	4-6	10	1500	0	1	*	cmobc	becmo	cbm	bm
	Leuchars	999.8	-14	WSW	4	ir	50	85	6	5	2	-	94	10	800	997.8	-6	E	1	rr	41	97	6	5	-	-	10	10	450	1	*	cmobc	becmo	cbm	bm	
12	Renfrew (Abbots L.)	1002.3	-14	SW	3	20	48	85	6	6	2	-	7-8	10	1500	998.9	-18	WSW	2	rr	46	97	6	6	2	-	94	10	1500	1	*	cmobc	becmo	cbm	bm	
	Eskdalemuir	1002.7	-22	SSW	4	F	42	97	1	-	-	10	10	4150	999.5	-18	SW	3	dado	44	97	4	-	2	-	10	10	4150	1	*	cmobc	becmo	cbm	bm		
	Point of Ayre	1004.2	-14	W	5	C	50	92	7	8	7	-	1	10	1500	999.5	-26	WSW	2	C	49	97	7	8	7	-	7-8	10	1500	1	2	*	cmobc	becmo	cbm	bm
13a	Tiree	1007.7	-4	N'E	3	dado	43	97	7	5	-	94	94	2500	998.6	-8	N	2	C	42	92	7	5	-	-	10	10	1500	1	2	*	cmobc	becmo	cbm	bm	
13b	Stornoway	1001.0	-18	SW	2	rr	43	92	7	6	1	-	4-6	10	2500	998.8	-16	WSW	2	C	39	75	8	5	-	-	94	94	4000	1	1	*	cmobc	becmo	cbm	bm
15	Dalwhinnie	1000.3	-8	W	3	rr	45	85	7	6	2	-	2-3	7-8	1500	998.4	-10	ESE	1	rr	40	97	6	6	2	-	7-8	10	1500	1	1	*	cmobc	becmo	cbm	bm
	Aberdeen	999.9	-4	WNW	3	C	42	65	8	5	7	-	7-8	94	1500	997.0	-14	NW	2	C	40	75	7	5	7	-	7-8	94	1500	1	1	*	cmobc	becmo	cbm	bm
	Wick	998.8	0	NW	4	bc	40	55	8	7	4	-	4-6	4-6	1500	996.8	-4	NW	4	C	35	75	8	5	7	-	7-8	94	1500	1	*	cmobc	becmo	cbm	bm	
16	Lerwick	998.8	0	NW	4	bc	40	55	8	7	4	-	4-6	4-6	1500	996.8	-4	NW	4	C	35	75	8	5	7	-	7-8	94	1500	1	*	cmobc	becmo	cbm	bm	
17	Blacksod Point	1003.1	-14	SW	1	C	50	97	7	5	-	10	10	220	998.6	-32	-	0	rr	48	97	6	6	-	-	10	10	4150	1	2	*	cmobc	becmo	cbm	bm	
18	Malin Head																																			

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 ...	
5 S.W. England	Wind southwest to west, strong to gale on coast, veering northwest to north, decreasing, probably backing; occasional rain or showers, perhaps hail; temperature falling.
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	
11 S.E. Scotland	Wind northeast, becoming fresh to strong locally on the coast, perhaps gale; cloudy; wintry showers with some snow; cold.
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scot. B.N.W.Scot- land.	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	Wind becoming northerly, fresh to strong or gale on coast, backing, moderating later; occasional rain or showers; becoming rather cold.
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

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.

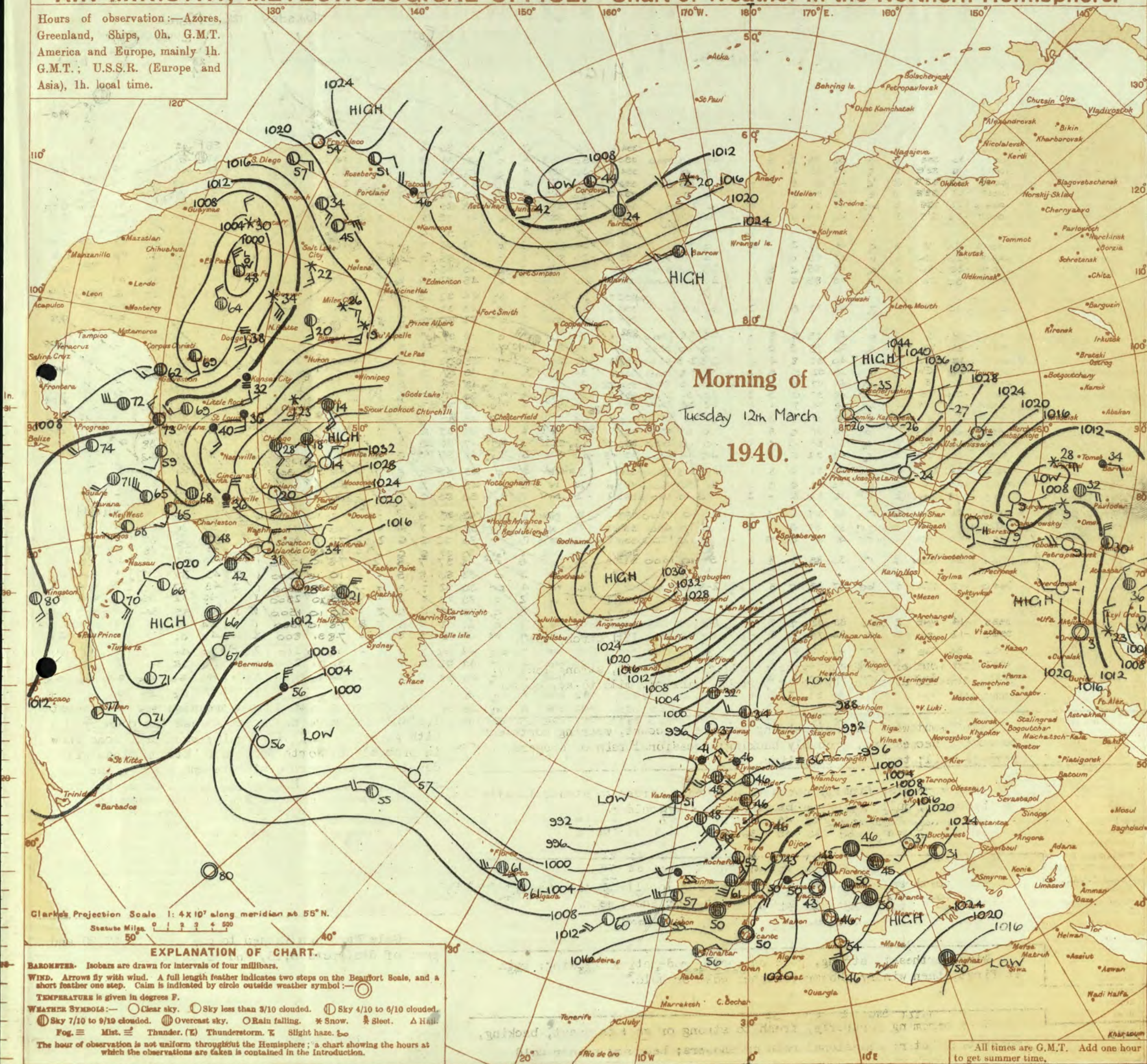
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S. & Press, Cornwall House & L.I.

5 476/3853. m. 6/109 6 4626. G. 3/46. 15 530 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.

OBSERVATIONS at 1 hr. G.M.T. 12th March														OBSERVATIONS at 7 hr. G.M.T. 12th 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. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.			Barom. M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.			State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		Sun-shine Hrs. (36)						
					Direc.	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)			Direc.	Force. (18)					Form. (23)	Amount. (24)	Height of Base. (feet) (28)			Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)							
																																	0-12	0-10	0-10	0-12	0-10	0-10
1	London (Kew) ... 18	18	1002.1	-3.0	SSE	2	bc	46	85	6	5	-	4.6	4.0	394.6	-2.6	S	3	5	47	85	6	5	7	-	2.3	3.1	2500	1	*	58	44	33	0.3	-	4.5		
	Croydon ... 217	217	1002.1	-3.0	SSE	2	bc	46	85	6	5	-	4.6	4.0	395.3	-3.0	SSE	4	c	48	85	7	5	7	-	7.8	3.1	7200	1	*	63	45	41	Tr	-	5.2		
	S. Farnborough ... 226	226	1001.3	-3.6	SSE	2	bc	44	85	6	5	-	0	0	394.5	-3.0	SSW	3	c	47	85	6	5	7	-	2.3	3.1	5700	1	*	62	41	36	Tr	-	4.6		
	Boscombe Down ... 417	417	1000.9	-3.6	SSE	3	bc	40	97	5	5	7	-	0	2.3	395.3	-3.6	S	4	c	44	97	6	5	7	-	2.3	3.1	1500	1	*	60	38	36	-	Tr	3.6	
	Calshot (St. Mary's) ... 8	8	1001.7	-3.2	SSE	3	bc	42	97	5	5	-	0	0	394.9	-3.0	SW	3	c	45	92	6	5	7	-	4.6	3.1	4000	1	1	56	39	39	-	Tr	6.2		
	Lymington ... 346	346	1004.6	-2.2	SSE	2	bc	42	92	8	4	-	0	2.3	398.7	-2.2	SW	2	c	43	85	7	5	7	-	0	0	-	1	3	56	40	35	Tr	-	6.2		
	Manston ... 154	154	1002.7	-2.6	SSE	3	bc	42	85	6	7	-	0	7.8	396.8	-2.6	SSW	4	c	47	75	6	5	7	-	0	0	-	0	0	60	41	35	0.2	-	4.4		
2	Shoeburyness ... 11	11													395.4	-2.8	S	3	c	45	92	6	5	3	-	7.8	3.1	2500	1	*	59	41	33	0.1	-	4.3		
	Felixstowe ... 15	15	1001.6	-2.2	S	3	bc	41	85	5	3	-	0	7.8	396.1	-2.4	SSW	3	c	42	92	7	5	7	-	0	0	-	1	2	57	40	36	Tr	-	3.9		
	Gorleston ... 5	5	1001.5	-2.0	SSW	3	bc	47	85	6	5	-	0	0	395.6	-2.4	SW	3	c	45	85	6	5	3	-	0	7.8	-	0	2	55	43	41	0.2	-	1.0		
	Mildenhall ... 19	19	1000.1	-2.6	SW	2	bc	48	85	6	5	-	2.3	2.3	393.3	-3.0	SSE	2	c	48	85	6	5	7	-	0	10	-	1	0	60	44	38	2	Tr	0.9		
	Cranwell ... 240	240	998.5	-3.0	SW	5	bc	49	85	6	5	-	2.3	2.3	392.0	-3.0	SSW	3	c	45	85	6	5	7	-	0	9.1	4000	0	*	57	42	35	0.1	-	1.1		
3	Birmingham ... 535	535													992.7	-2.4	SSW	2	bc	44	92	5	5	2	-	9.1	10	800	1	*	58	44	42	2	Tr	0.5		
	Upper Heyford ... 408	408	1001.1	-3.0	S	1	bc	45	92	5	2	-	0	10	994.2	-3.0	SW	3	c	46	92	6	5	7	-	4.6	10	2500	0	*	63	41	31	0.4	Tr	*		
4	Ross-on-Wye ... 223	223													991.5	-3.0	SSW	2	c	46	85	6	5	7	2	4.6	9.1	2500	1	*	59	43	32	0.1	-	2.0		
5	Hartland Point ... 299	299	997.4	-3.8	S	4	bc	48	85	8	8	-	7.8	7.8	2500	393.4	-3.8	S	4	c	48	97	7	8	2	-	7.8	10	1500	1	3	54	46	43	-	2	4.8	
	Bristol ... 209	209	999.5	-3.8	SSE	3	bc	50	75	5	5	-	10	10	5700	392.5	-3.8	S	4	c	46	92	6	5	7	-	7.8	9.1	1500	1	*	61	46	41	-	0.3	6.2	
	Portland Bill ... 32	32	999.9	-3.6	ENE	2	bc	40	92	8	4	-	2.3	2.3	4000	393.3	-3.2	SSW	3	c	45	92	7	5	-	10	10	4000	1	2	46	38	*	-	0.6	*		
	Plymouth ... 82	82	999.3	-3.8	ENE	3	bc	43	92	6	5	-	7.8	7.8	1500	391.6	-3.4	S	5	c	49	97	6	5	-	10	10	450	1	3	48	44	39	Tr	-	0		
	The Lizard ... 240	240	999.0	-3.0	S	3	bc	47	97	4	5	-	10	10	800	390.7	-2.4	S	5	c	49	97	1	5	-	10	10	450	1	2	49	44	*	-	1	0.0		
	Scilly (St. Mary's) ... 163	163	996.1	-5.0	SE	3	c/r	48	97	6	5	2	-	4.6	3.1	2500	393.3	-2.2	SW	4	c	50	97	7	5	-	10	10	1500	1	2	55	47	*	Tr	-	5.8	
	Guernsey ... 175	175	1000.8	-2.0	SSE	4	bc	48	75	7	1	-	2.3	2.3	2500	395.0	-2.2	SSW	4	c	48	92	7	5	-	10	10	1500	1	3	58	46	42	-	0.1	7.4		
6	Pembroke ... 142	142	997.6	-2.4	SSE	3	bc	48	97	7	5	-	3.1	3.1	1500	398.8	-4.0	SSE	5	c	48	97	2	-	-	-	-	10	10	1500	1	2	47	44	*	-	1	0.0
7	Holyhead ... 26	26	996.0	-2.8	SW	5	bc	46	97	6	5	-	10	10	450	397.8	-3.6	SSE	4	c	45	97	6	5	2	-	9	10	220	1	2	47	45	43	1	1	0.0	
	Chester (Sealand) ... 16	16	997.0	-2.2	SE	2	bc	50	85	5	5	-	10	10	1500	395.7	-3.4	SSW	2	c	47	85	5	5	2	-	10	10	800	1	*	56	47	38	0.3	-	0.1	
8	Manchester ... 70	70	996.7	-2.8	SW	3	bc	45	92	6	5	-	4.6	4.6	2500	395.3	-3.0	SE	3	c	47	85	5	5	2	-	7.8	10	2500	1	*	54	46	43	1	Tr	0.0	
10	Spurn Head ... 29	29	997.6	-2.4	SW	4	bc	46	92	6	5	-	4.6	4.6	2500	391.4	-3.4	SSE	4	c	43	97	6	5	2	-	4.6	9.1	2500	1	3	49	41	*	Tr	Tr	0.0	
	Catterick ... 175	175	995.1	-3.0	W	4	bc	50	92	6	5	-	8	9.1	1500	393.4	-2.4	W	2	c	49	85	6	7	7	-	4.6	9.1	2500	1	*	49	46	41	-	2	0.0	
	Tynemouth ... 108	108	995.3	-2.8	WSW	2	bc	46	92	6	2	-	10	10	1500	393.2	-2	NW	3	c	50	85	6	-	2	-	10	10	1500	1	1	52	46	43	-	7	0.0	
11	St. Abbs Head ... 280	280	993.8	-2.4	-	0	bc	43	97	4	5	1	-	10	10	1500	393.5	-1.8	NW	2	c	50	97	3	-	-	10	10	1500	1	2	50	39	*	-	9	*	
	Leuchars ... 36	36	993.3	-2.2	-	0	bc	43	97	5	2	-	10	10	450	393.6	-2.0	N	1	c	47	97	7	6	-	-	10	10	450	1	*	49	36	36	4	8	0.6	
12	Benfrew (Abbots I.) ... 19	19	994.3	-2.2	NW	1	bc	41	97	5	6	-	10	10	1500	390.0	-1.6	NE	2	c	39	92	6	6	2	-	7.8	10	450	1	*	47	38	37	2	11	0.0	
	Eskdalemuir ... 764	764													398.1	-2.0	NE	1	c	39	97	6	6	2	-	10	10	450	1	2	46	38	38	0.5	15	0.0		
	Point of Ayre ... 30	30	995.1	-2.4	WSW	6	bc	50	85	7	8	2	-	9	10	1500	398.8	-2.8	SW	6	c	39	97	7	6	2	-	7.8	10	1500	1	2	50	47	*	0.5	25	0.0
13	Tiree ... 22	22													398.8	-2.0	NE	1	c	38	65	8	5	-	-	10	10	2500	1	2	45	37	*	4	0.4	0.0		
13	Stornoway ... 80	80	994.0	-1.2	SSW	3	bc	37	85	7	5	-	2.3	2.3	4000	391.6	-2.0	NE	4	c	35	92	7</															

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Wednesday 13th 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. M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																						
				Direc. (3)	Force. (4)					Low. (9)	Med. (10)	High (11)			Low Total 0-10 (12)	Amount 0-10 (13)					Height of Base. (feet) (14)	Form. (23)	Mod. (24)			High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 12h. (37)	13h.—18h. 12h. (38)	18h.—to 1h. 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	S'W	4	Zo	50	92	6	5	-	10	10	1500	1	*	crrmo	cir.cmo	cir.cfm	cir.cfm															
	Croydon ...	991.2	-26	S'E	3	rfo	48	97	6	6	2	-	9	10	1500	988.2	-10	SSW	4	r/r	50	97	6	6	2	-	9	10	450	1	*	crrmo	crrmo	cir.cfm	cir.cfm													
	S. Farnborough	990.2	-24	SSW	3	rfo	49	97	6	5	-	-	10	10	800	987.2	-10	S'W	5	id	50	92	6	5	-	-	10	10	800	1	*	rdrRorc	cir.id.c	cir.id.c	djd.c													
	Boscombe Down	989.1	-26	SSW	3	r/r	50	92	7	6	2	-	10	10	450	987.0	-4	S'W	4	c/d	50	92	7	6	-	-	9	9	450	1	*	crrido	cir.id.c	cir.id.c	cir.id.c													
	Calshot (Soton.)	990.4	-22	S'W	5	Zo	47	97	6	5	-	-	10	10	1500	983.3	-6	S'W	5	c/d	48	97	6	5	-	-	10	10	800	1	3	crrrcc	crrdo	cir.cfm	cir.cfm													
	Lymington	993.1	-30	SSW	4	rr	45	92	6	2	-	-	10	10	2500	990.0	-14	S'W	3	Ft	46	97	1	-	-	-	10	10	4150	1	4	cir.cir	crrmo	cir.cfm	cir.cfm													
	Manston	992.1	-26	SSW	4	r/r	46	85	6	5	2	-	9	10	1500	988.2	-28	S'W	5	r/r	49	92	6	5	-	-	9	9	450	1	*	crrmo	crrmo	cir.cfm	cir.cfm													
2	Shoeburyness	992.6	-24	S'W	4	c	47	92	6	5	-	-	10	10	4000	988.4	-18	SSW	4	ir	49	97	6	5	2	-	9	10	1500	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm													
	Felixstowe	991.0	-24	SSW	5	c	46	85	6	5	-	-	10	10	800	986.8	-18	S'W	4	Zo	45	97	5	5	2	-	7	8	450	1	2	crrmo	cir.cfm	cir.cfm	cir.cfm													
	Gorleston	990.3	-26	SSW	5	ypr	53	75	6	5	1	-	4	6	9	2500	996.3	-16	SSW	4	ir	47	92	6	6	-	-	10	10	1500	1	3	crrmo	cir.cfm	cir.cfm	cir.cfm												
	Mildenhall	988.2	-30	S'W	5	ir	54	75	6	5	2	-	4	6	10	1500	984.9	-22	S'W	4	ir	52	85	7	5	2	-	9	10	1500	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm												
	Cranwell	986.4	-32	S'W	5	Zo	53	85	6	5	1	-	7	8	10	1500	982.5	-22	S'W	4	c	51	85	7	5	3	-	9	9	1500	1	*	ir.cmo	ir.cmo	ir.cmo	cir.cfm												
3	Birmingham	987.3	-24	S	3	ir	48	97	6	6	-	-	10	10	800	983.8	-12	SSW	3	r/r	49	92	7	6	7	-	4	6	800	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm													
	Upper Heyford	988.5	-30	S	3	r/r	49	97	7	5	-	-	10	10	800	985.2	-8	SSW	4	r/r	50	92	7	5	-	-	10	10	800	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm													
4	Ross-on-Wye	986.4	-30	S	4	o	52	85	7	6	-	-	10	10	1500	984.5	-6	S'W	4	id	51	85	6	6	-	-	10	10	1500	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm													
5	Hartland Point	985.5	-16	WSW	5	c	49	97	7	8	2	-	7	8	10	1500	983.6	-12	WSW	6	c	48	97	7	8	4	-	7	8	1500	1	3	crrmo	cir.cfm	cir.cfm	cir.cfm												
	Bristol	987.5	-26	S'W	5	c	53	85	8	5	7	-	7	8	10	1500	985.8	-4	SSW	4	ir	51	92	7	6	2	-	9	10	1500	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm												
	Portland Bill	989.8	-24	S	5	dd	46	92	6	5	-	-	10	10	2500	988.5	-8	S'W	5	o	46	92	7	5	-	-	10	10	2500	1	4	crrmo	cir.cfm	cir.cfm	cir.cfm													
	Plymouth	988.8	-16	S'W	5	r/r	49	97	6	5	-	-	10	10	450	987.7	-6	S'W	5	c/r	48	97	6	5	-	-	10	10	450	1	4	crrmo	cir.cfm	cir.cfm	cir.cfm													
	The Lizard	988.8	-6	S'W	5	pr	51	97	6	5	-	-	10	10	1500	987.3	-6	SSW	5	c	49	97	7	8	6	-	7	8	1500	1	3	crrmo	cir.cfm	cir.cfm	cir.cfm													
	Scilly (St. Mary's)	985.7	-2	S'W	5	r/r	52	92	6	8	7	-	7	8	9	1500	985.8	-14	S'W	5	c	51	92	7	8	7	3	4	6	1500	1	3	crrmo	cir.cfm	cir.cfm	cir.cfm												
	Guernsey	991.3	-18	SSW	5	r/r	50	97	7	5	-	-	10	10	1500	990.7	-2	S'W	4	c	51	85	7	8	1	8	4	6	2500	1	3	crrmo	cir.cfm	cir.cfm	cir.cfm													
6	Pembroke	998.4	-20	SW	6	r/r	48	97	2	5	-	-	10	10	800	983.1	-8	WSW	6	ir	48	97	4	5	-	-	10	10	800	1	3	crrmo	cir.cfm	cir.cfm	cir.cfm													
7	Holyhead	981.4	-30	S	4	dr	48	97	3	5	-	-	10	10	450	979.0	-2	SSW	5	rfo	47	97	6	6	-	-	10	10	220	1	2	crrmo	cir.cfm	cir.cfm	cir.cfm													
	Chester (Sealand)	983.6	-32	S	3	Zo	56	75	6	5	-	-	10	10	1500	980.8	-2	S'W	5	rfo	52	75	6	6	3	-	7	8	10	800	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm												
8	Manchester	984.3	-30	S	4	Zo	53	75	6	5	3	-	4	6	9	1500	980.3	-22	S'W	4	ir	51	85	6	5	2	-	9	10	1500	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm												
10	Spurn Head	985.3	-36	SSW	4	c	50	85	6	5	-	-	9	9	2500	981.4	-16	S'W	4	c	47	92	6	5	-	-	7	8	1500	1	3	ir	c	c	c													
	Catterick	983.9	-30	-	0	r/r	49	92	4	5	2	-	9	10	800	979.7	-10	-	0	rr	50	97	4	5	2	-	9	9	800	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm													
	Tynemouth	985.6	-24	N	2	ir	41	97	4	2	-	-	9	10	1500	980.6	-20	N	4	cft	41	97	3	2	-	-	10	10	1500	1	2	crrmo	cir.cfm	cir.cfm	cir.cfm													
11	St. Abbs Head	985.6	-24	NNE	3	rr	38	97	6	5	-	-	10	10	800	983.1	-10	NE	4	rr	36	97	7	6	2	-	7	8	10	1500	1	3	crrmo	cir.cfm	cir.cfm	cir.cfm												
	Leuchars	986.7	-18	NE	2	rr	37	97	6	6	-	-	10	10	450	985.0	-6	NE	4	rr	36	97	6	6	-	-	10	10	450	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm													
12	Retrow (Abbots L.)	986.8	-18	E/N	3	ss	34	97	4	5	-	-	9	10	450	984.3	-10	E/N	3	rfo	37	85	8	5	2	-	9	10	800	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm													
	Eskdalemuir	984.3	-20	NE	3	rfo	36	97	6	2	-	-	10	10	450	980.9	-16	NE/N	4	rfo	34	92	6	2	-	-	10	10	450	1	*	crrmo	cir.cfm	cir.cfm	cir.cfm													
	Point of Ayre	981.8	-24	SE/S	3	rr	44	97	5	2	-	-	10	10	800	978.8	-18	E/N	5	dd	41	97	6	6	2	-	7	8	10	800	1	3	l'rarr	dd	c	c												
13A	Tiree	986.0	-10	NE/E	4	bc	43	75	8	8	8	-	4	6	1500	984.9	0	NE	5	c	40	75	8	5	7	-	4	6	2500	0	4	crrmo	c	c	c													
13B	Stornoway	991.5	-2	NE	6	c	40	65	5	7	-	-	9	10	1500	991.3	0	NE	5	yph	38	55	8	8	7	-	4	6	1500	1	4	crrmo	c	c	c													
15	Dalwhinnie	988.5	-8	NE	4	ss	33	92	5	6	1	-	4	6	10	800	987.3	-4	NE	5	ss	32	97	5	6	1	-	4	6	800	4	*	crrmo	c	c	c												
	Aberdeen	988.4	-14	NE/E	3	rr	38	92	6	6	-	-	10	10	800	987.6	-4	NE	3	s	35	97	6	6	-	-	10	10	800	1	2	crrmo	c	c	c													
	Wick	990.3	-4	NE	6	pr	39	65	8	9	1	-	7	8	10	1500	990.0	-4	NE	6	cy	38	65	8	8	2	-	7	8	1500	1	3	crrmo	c	c	c												
16	Lerwick	993.2	-4	NE	4	c	39	65	8	5	3	-	4	6	7	1500	991.6	-2	NE	4	c	34	85	8	8	3	-	4	6	7	1500	3	4	crrmo	c	c	c											
17	Blacksod Point	985.8	-14	NE	7	cy	42	92	7	9	-	-	9	9	450	984.8	-4	NE/N	6	c	43	85	8	8	-	-	10	10	1500	1	4	cy	c	c	c													
18	Malin Head	984.9	-14	N/E	4	c	40	85	7	8	-	-	9	9	800	983.3	-6	NNE	4	c	41	85	7	8	-	-	9	9	1500	0	3	crrmo	c	c	c													
	Aldergrove	982.5	-22	NE/N	4	rfo	39	97	6	6	-	-	10	10	800	980.7	-4	N/E	4	dd	38	92	6	5	2	-	9	10	800	2	*	crrmo	c	c	c													
19	Birr Castle	981.4	-8	SSW	1	rr	48	92	7	5	-	-	10	10	2500	981.8	0	SSW	1	c	41	92	7	5	-	-	10	10	2500	1	*	crrmo	c	c	c													
20	Valentia Obsy. †	981.8	-4	W	3	c	52	92	8	8	3	-	4	6	7	1500	980.6	-2	NW/W	4	c/d	46	97	7	5	-	-	9	9	800	1	2	crrmo	c	c	c												
	Roche's Point	982.1	-4	WSW	3	c	53	92	8	5	3	-	4	6	7	1500	980.0	-14	SSW	3	r/r	49	92	7	6	2	-	7	8	1500	1	3	crrmo	c	c	c												

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

† Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

CLOUD.

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

Cloud form abbreviations:—

Cloud form abbreviations:—
Cirrus,—Ci : Cirrocumulus,—Ci
Stratocumulus,—Sc : S

COLUMN 29 —STATE OF GROUND.

0	..	Ground dry.
1	..	" wet.
2	..	" flooded.
3	..	" frozen hard and
4	..	" partly covered with
5	..	" covered with ice or
6	..	" covered with thin

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

CLOUD.

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

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

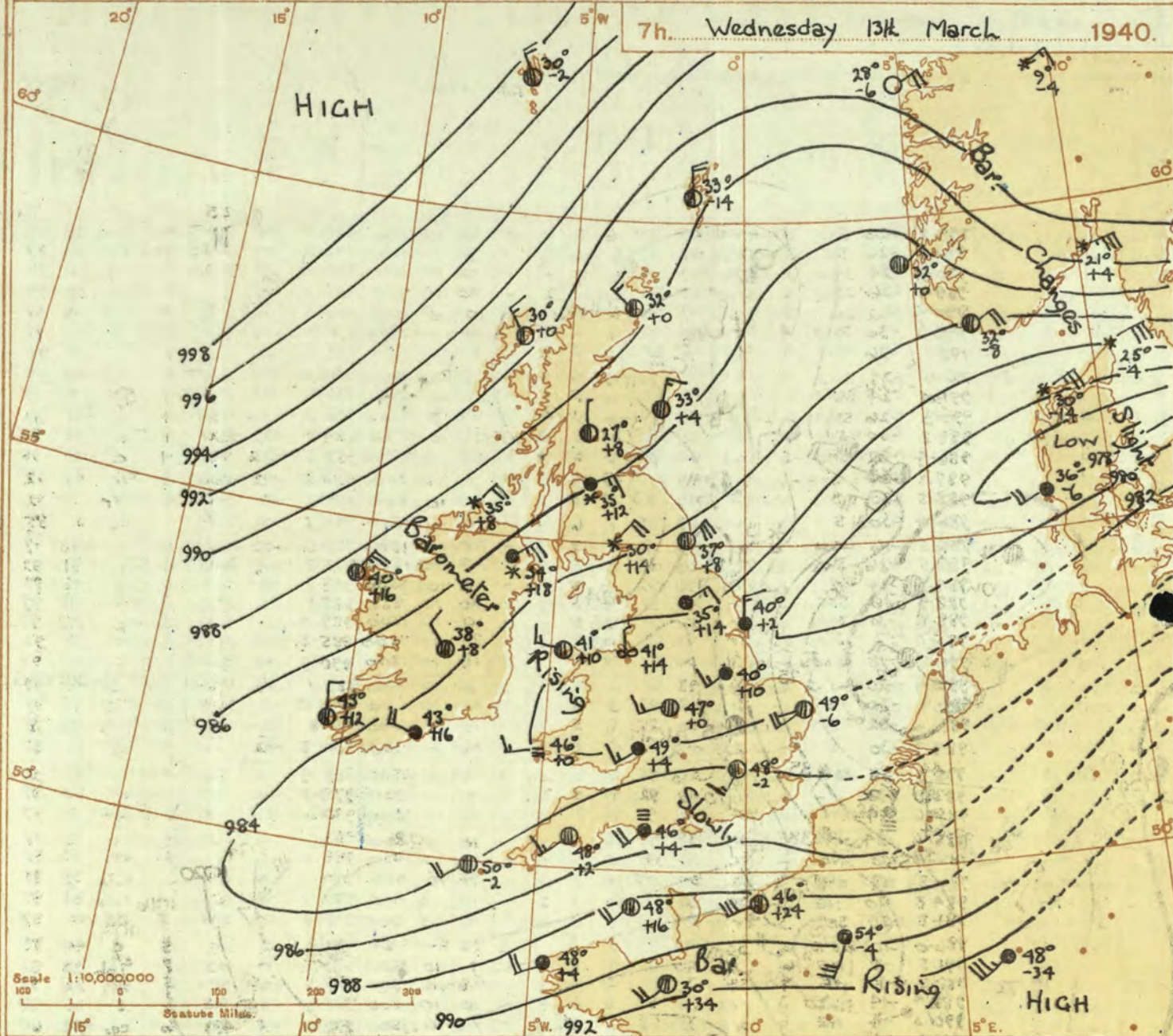
29 — STATE OF GROUND.

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

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. 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 northeast to north, moderate, fresh locally; dull; rain and sleet at times; local mist; becoming cold.
6 South Wales ...	As 1.
7 North Wales ...	Wind northerly, fresh to moderate; dull; occasional rain and sleet with snow on high ground; brighter intervals tomorrow; cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind northeast, backing north or northwest; cloudy, wintry showers in most places; brighter intervals, especially tomorrow; cold; some night frost.
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind north to northeast, moderate; dull; occasional rain; sleet locally; 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

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.

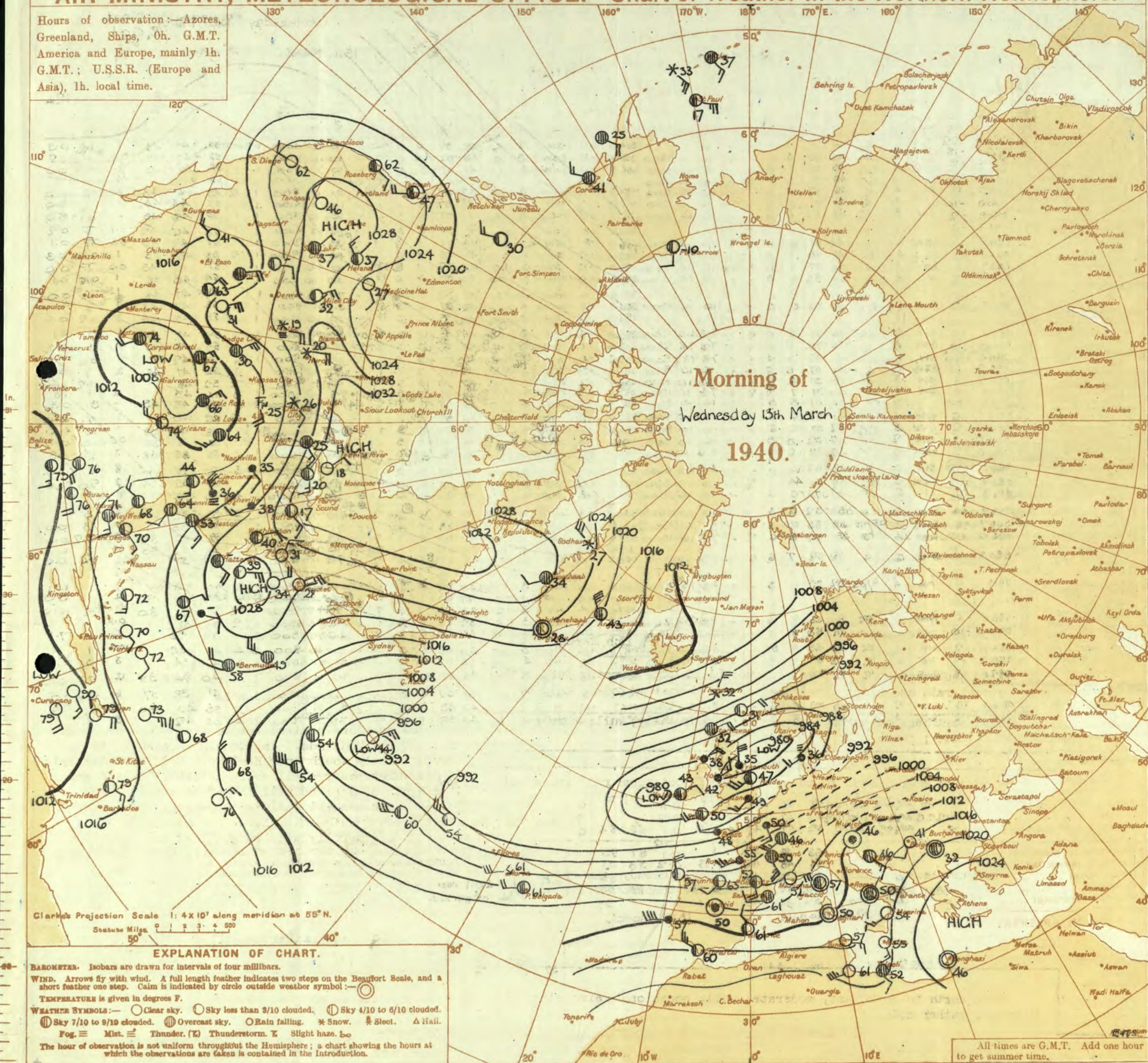
N. K. JOHNSON. D.Se., A.R.C.S.
Director.

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

G 476/3839, no. 8109. D 4626. Gb 248. 15500. 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.

BRITISH SECTION
Wednesday 13th March 1940.
No. 28,601

OBSERVATIONS at 1 hr. G.M.T. 13th March															OBSERVATIONS at 7 hr. G.M.T. 13th 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)	0-9 Visibility. (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	% Humid. (21)	0-9 Visibility. (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.				RAINFALL.		SUNSHINE 12th Hrs. (36)				
					Dir.	Force.					Low.	Med.	High.	Low.			Med.	High.					Low.	Med.	High.	Low.			Med.	High.	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)			
																																					Form.	Amount.	Height of Base (feet) (14)
1	London (Kew)	18	382.7	-.14	SW	4	bc	49	97	5	5	10	10	1500	384.0	-.2	SW	2	bc	48	97	5	5	10	10	1500	1	52	47	43	1	1	0.3						
	Croydon	217	382.5	-.18	SW	3	bc	49	92	5	5	10	10	800	384.3	-.4	SW	3	bc	47	97	5	5	10	10	800	1	52	46	43	1	1	0.2						
	S. Farnborough	226	382.5	-.22	SW	4	bc	48	97	5	5	10	10	800	384.7	-.2	WSW	3	bc	47	97	5	5	10	10	800	1	49	44	43	2	2	0.0						
	Boscombe Down	417	382.4	-.18	SW	4	bc	46	97	5	5	10	10	800	383.3	-.2	WS	2	bc	45	97	5	5	10	10	1150	1	48	44	43	3	2	0.0						
	Calshot (Stmnt.)	8	382.4	-.18	SW	5	bc	46	97	5	5	10	10	450	383.3	-.2	WS	2	bc	45	97	5	5	10	10	450	1	50	46	45	1	0.1	0.0						
	Lympe	346	382.4	-.18	SW	5	bc	46	97	5	5	10	10	450	383.3	-.2	WS	2	bc	45	97	5	5	10	10	450	1	50	46	45	1	0.1	0.0						
	Maniston	154	382.4	-.12	SW	5	bc	48	92	5	5	10	10	800	383.3	-.2	WSW	3	bc	47	97	5	5	10	10	450	1	50	46	45	1	0.1	0.0						
2	Shoeburyness	11	382.5	-.10	SW	4	bc	49	97	5	5	10	10	1500	383.0	-.5	SW	2	bc	44	97	7	5	7	10	2500	1	50	45	42	0.1	Tr	0.2						
	Felixstowe	15	382.5	-.10	SW	4	bc	49	97	5	5	10	10	1500	382.4	-.6	SW	4	bc	43	95	8	8	10	10	2500	1	53	48	45	1	0.1	0.3						
	Gorleston	5	382.5	-.10	SW	4	bc	49	97	5	5	10	10	1500	381.5	-.8	SW	3	bc	43	92	7	7	10	10	450	1	57	49	45	0.3	Tr	0.0						
	Mildenhall	19	382.4	-.10	SW	4	bc	50	97	7	5	10	10	2500	381.5	-.8	SW	3	bc	43	92	7	7	10	10	450	1	54	40	38	1	0.6	0.1						
	Cranwell	240	381.3	-.2	SW	4	bc	48	85	5	5	10	10	1500	381.4	-.8	SW	3	bc	40	97	8	8	10	10	450	1	54	40	38	1	0.6	0.1						
3	Birmingham	535	382.4	-.10	SW	4	bc	49	97	5	5	10	10	1500	383.3	+.4	SW	3	bc	49	97	5	5	10	10	1500	1	52	46	43	3	2	0.1						
	Upper Heyford	408	382.5	-.10	SW	4	bc	48	92	5	5	10	10	1500	383.3	+.4	SW	3	bc	49	97	5	5	10	10	1500	1	53	48	44	3	2	0.1						
4	Ross-on-Wye	223	382.4	-.10	SW	4	bc	49	97	5	5	10	10	1500	382.5	+.4	SW	3	bc	49	97	5	5	10	10	1500	1	53	48	44	3	2	0.1						
5	Hartland Point	299	382.4	-.10	SW	5	bc	49	97	5	5	10	10	1500	382.5	+.2	SW	5	bc	47	97	7	5	7	10	800	1	52	47	46	1	1	0.1						
	Bristol	209	382.4	-.14	SW	3	bc	49	92	5	5	10	10	2500	383.3	+.6	SW	3	bc	43	97	7	5	3	10	800	1	54	48	45	4	1	0.2						
	Portland Bill	32	382.5	-.20	SW	4	bc	49	92	7	5	10	10	2500	383.3	+.4	SW	4	bc	46	97	3	5	10	10	800	1	47	42	40	1	0.6	0.0						
	Plymouth	82	382.5	-.14	SW	3	bc	47	97	5	5	10	10	220	383.0	+.2	SW	3	bc	46	97	5	5	10	10	460	1	50	47	46	2	7	0.0						
	The Lizard	240	382.5	-.18	SW	3	bc	49	97	4	5	10	10	800	383.3	+.2	SW	4	bc	49	97	4	5	10	10	800	1	52	48	45	1	0.2	1.4						
	Scilly (St. Mary's)	163	382.3	-.10	SW	4	bc	50	97	7	5	10	10	1500	383.3	+.2	SW	4	bc	50	97	7	5	7	10	1500	1	54	49	45	2	1	1.8						
	Guernsey	175	382.5	-.30	SW	4	bc	48	97	5	5	10	10	800	382.7	+.0	SW	4	bc	48	97	7	8	10	10	2500	2	52	48	45	3	3	0.3						
6	Pembroke	142	381.7	-.10	WSW	6	bc	47	97	5	5	10	10	800	382.1	+.0	WS	3	bc	46	97	7	5	7	10	1150	1	48	45	40	1	7	0.0						
7	Holyhead	26	380.0	-.2	NNE	3	bc	42	97	5	5	10	10	800	381.4	+.10	N	3	bc	41	92	8	5	7	10	400	1	48	40	38	1	10	0.0						
	Chester (Sealand)	16	380.2	-.4	NW	2	bc	45	92	5	5	10	10	800	381.6	+.14	N	1	bc	41	92	5	5	10	10	800	1	50	41	38	0.5	10	0.4						
8	Manchester	70	380.0	-.2	WNW	3	bc	45	97	5	5	10	10	800	381.3	+.18	NNE	3	bc	39	85	5	5	10	10	1500	1	55	38	38	3	8	0.3						
10	Spurn Head	29	380.1	-.10	SW	5	bc	47	92	5	5	10	10	400	380.7	+.2	N	3	bc	40	97	5	5	10	10	800	1	52	39	40	8	2	0.0						
	Catterick	175	380.8	+.12	NNE	3	bc	38	97	4	2	10	10	800	383.4	+.14	NE	3	bc	35	97	5	5	10	10	450	1	52	35	32	2	20	0.0						
	Tynemouth	198	381.3	+.10	N	6	bc	39	97	5	5	10	10	1500	383.3	+.8	NE	6	bc	37	92	5	5	10	10	1500	1	50	36	34	11	7	0.0						
11	St. Abbs Head	280	385.4	+.4	NNE	5	bc	35	92	5	5	10	10	1500	385.6	+.4	NNE	5	bc	35	92	5	5	10	10	800	1	33	33	31	13	5	0.0						
	Leuchars	36	385.7	+.6	ESE	5	bc	35	85	5	5	10	10	2500	386.8	+.6	N	2	bc	34	85	7	5	10	10	2500	4	37	33	31	14	3	0.0						
12	Renfrew (Abbots L.)	19	386.0	+.10	ESE	4	bc	35	85	5	5	10	10	1500	387.7	+.12	NNE	4	bc	38	95	7	5	10	10	2500	1	39	34	32	14	0.2	0.0						
	Eskdalemuir	794	386.0	+.10	ESE	4	bc	35	85	5	5	10	10	1500	385.6	+.14	NE	4	bc	38	95	7	5	10	10	450	7	45	30	30	14	5	0.0						
	Point of Ayre	30	380.8	+.4	ESE	6	bc	38	92	7	5	10	10	1500	383.5	+.10	ENE	6	bc	37	97	7	6	10	10	800	1	44	37	32	12	2	0.0						
13A	Tiree	22	381.7	0	NE	4	bc	32	92	5	5	10	10	2500	380.5	0	NNW	3	bc	30	92	8	8	10	10	450	1	40	29	23	3	1	0.1						
13B	Stornoway	80	381.7	0	NE	4	bc	32	92	5	5	10	10	2500	380.5	0	N	1	bc	27	85	7	5	10	10	2500	8	35	24	23	2	1	0.0						
15	Dalwhinnie	1176	381.7	0	NE	4	bc	32	92	5	5	10	10	2500	380.5	0	N	1	bc	27	85	7	5	10	10	2500	8	35	24	23	2	1	0.0						
	Aberdeen	79	380.3	-.4	NNE	4	bc	36	85	8	5	10	10	2500	388.7	+.4	NNE	3	bc	33	75	7	5	10	10	2500	1	38	33	30	7	2	0.0						
	Wick	81	380.3	-.4	NNE	4	bc	36	85	8	5	10	10	2500	388.7	+.4	NNE	3	bc	33	75	7	5	10	10	2500	1	38	33	30	7	2	0.0						
16	Lerwick	156	380.0	-.10	NE	4	bc	31	85	8	5	10	10	2500	388.0	-.14	N	4	bc	33	85	8	8	10	10	450	3	32	29	23	1	7.1	0.0						
17	Blacksod Point	18	385.0	+.2	NE	3	bc	42	85	8	5	10	10	1500	387.3	+.10	NE	5	bc	40	85	8	5	10	10	800	0	43	39	30	0.2	1	0.0						
18	Malin Head	84	385.2	+.8	NE	4	bc	38	85	7	5	10	10	800	387.4	+.8	NE	4	bc	35	97	7	6	10	10	1500	3	41	34	33	3	3	0.0						
	Aldergrove	288	382.5	+.8	ESE	4	bc	37	92	5	5	10	10	1500	384.5	+.18	NNE	5	bc	34	97	6	5	10	10	800	2	40	34	33	12	2	0.0						
19	Birr Castle	173	382.3	+.6	NE	2	bc	43	92	8	5	10	10	2500	384.7	+.12	NNW	2	bc	43	85	8	5	10	10	2500	1	51	38	37	6	0.3	0.0						
20	Valentia Obey.	30	381.1	+.2	W/N	4	bc	46	92	8	5	10	10	1500	383.5	+.10	NNW	4	bc	43	92	8	6	10	10	1500	1	54	42	35	3	0.8	0.0						
	Roches Point	22	381.1	+.2	W/N	4	bc	46	92	8	5	10	10	1500	383.5	+.10	NNW	4	bc	43	92	8	6	10	10	1500	1	54	42	35	3	0.8	0.0						
LONDON OBSERVATIONS																																							
Day 7h-18h, Kew & Croydon.																																							
9h-18h, Kensington.																																							
9h-21h, other stations except for rainfall which is 9h-18h.																																							
Height above M.S.L. in feet.																																							
Weather																																							
Temperature.																																							
Rainfall.																																							
Sunshine.																																							
Humidity.																																							
Atmospheric Pollution.																																							
EXPLANATION OF FIGURES, LETTERS, etc.																																							
COLUMNS 2, 16.																																							
The barometric tendency is expressed in tenths of a millibar.																																							
COLUMNS 4, 18.																																							
THE BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.																																							
COLUMNS 8, 22 - Code for surface visibility.																																							
Objects not visible at																																							
0 Dense fog 55 yards.																																							
1 Thick fog 220 "																																							
2 Fog 550 "																																							
3 Moderate fog 1,100 "																																							
4 Mist or haze 1 1/2 miles.																																							
5 Poor visibility 2 1/2 "																																							
6 Moderate " 6 1/2 "																																							
7 Good " 12 1/2 "																																							
8 Very good " 31 "																																							
9 Excellent " beyond 31m.																																							
COLUMNS 30 -																																							

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

† Sea disturbance reported from Dungeness.

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

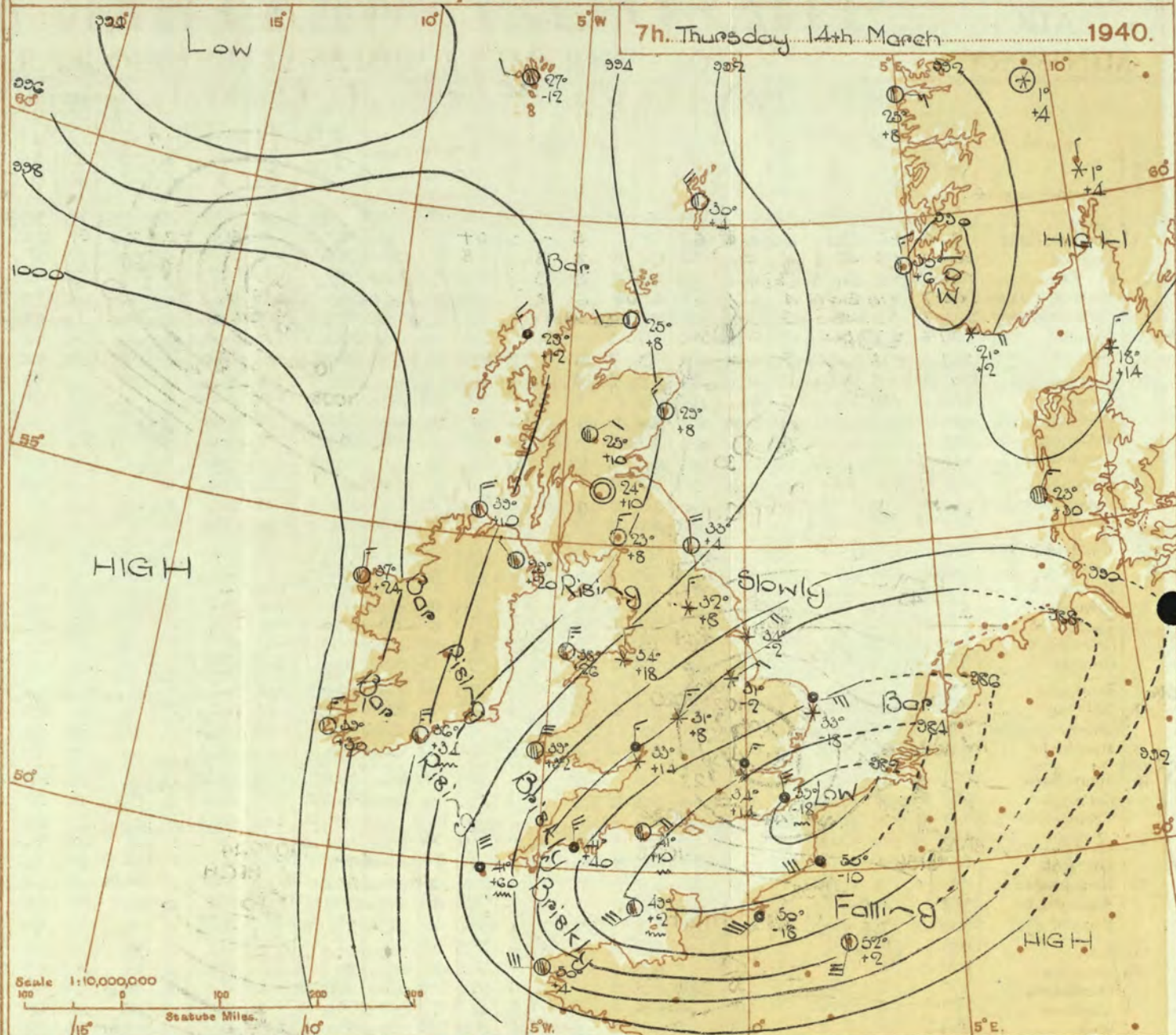
N. K. JOHNSON, D.Sc., A.R.C.S., Director.

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

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

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.Scotld. B.N.W.Scotland.	
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.

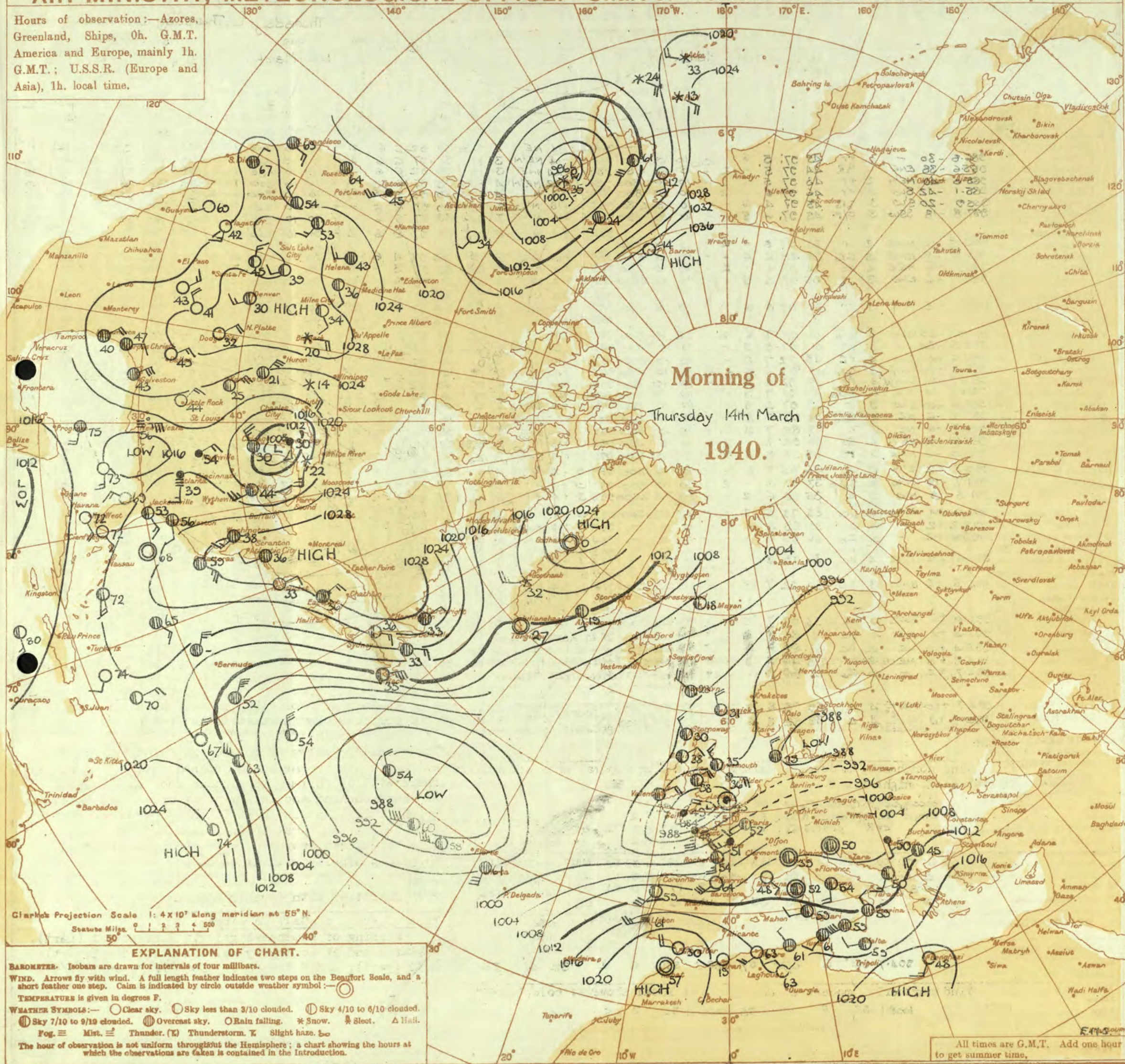
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

6.476/3832. M.8109. 0.4626. 6.9448. 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.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 14th March 1940.

No. 28,602

OBSERVATIONS at 1 hr. G.M.T 14th March.														OBSERVATIONS at 7 hr. G.M.T 14th 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.		Sun-shine Hrs.				
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.			Force.	Form.					Amount.	Height of Base (feet).	State of Ground.	0-9		(30)	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.		Night 18h-7h mm.			
																																			0-12	0-12	0-12
1	London (Kew)	18	984.3	+										984.3	+14	NE	4	SS	35	52	5	6	2	-	7.8	10	1500	1	54	34	33	13	15	1.1			
	Croydon	217	984.6	-30		0	rr	45	57	5	6	-	-	10	10	984.4	+14	NE/N	3	rs	34	57	6	6	2	-	9	10	1450	1	56	34	33	2	16	1.2	
	S. Farnborough	226	985.6	-38	ENE	1	RR	44	57	5	-	2	-	10	10	984.1	+24	NNE	3	rs	35	52	6	6	-	-	10	10	1450	1	58	34	34	1	13	2.8	
	Boscombe Down	417	985.0	-40	NE/N	2	rr	43	57	5	-	2	-	10	10	984.4	+22	NE/N	4	SS	35	57	6	6	-	-	10	10	800	1	56	34	34	2	12	1.0	
	Calshot (Stmnt.)	8	985.1	-42	SW	4	rr	46	57	6	-	2	-	10	10	982.7	+4	N	4	rs	40	52	5	6	-	-	10	10	800	1	50	30	30	0.1	18	0.0	
	Lympe	346	985.9	-20	SW	3	rr	45	57	4	6	-	-	10	10	982.1	-18	NW	5	rs	39	57	6	5	-	-	10	10	220	1	51	30	30	Tr	7	0.0	
	Manston	154	987.8	-18	SSW	3	rr	45	57	6	5	-	-	10	10	980.8	-16	NNE	7	rs	38	57	5	5	-	-	10	10	220	1	57	38	37	1	10	3.8	
2	Shoeburyness	11	988.5	-12	NNE	2	rr	37	57	5	-	2	-	10	10	982.5	+4	N	4	prs	35	57	5	6	2	-	9	10	800	5	57	34	34	0.2	15	2.3	
	Felixstowe	15	988.8	-2	ENE	3	rr	36	55	6	6	-	-	10	10	985.7	-18	ENE	5	rs	33	57	4	6	-	-	10	10	1500	4	52	32	31	2	9	1.2	
	Gorleston	5	989.8	-2	ENE	3	rr	34	57	4	-	2	-	10	10	985.3	-4	NE/N	4	SS	33	57	3	-	2	-	10	10	450	7	45	32	32	2	17	0.6	
	Mildenhall	19	988.7	-6	NE/E	2	ss	34	57	4	-	2	-	10	10	985.3	-4	NE/N	4	SS	33	57	3	-	2	-	10	10	450	7	45	32	32	2	17	0.6	
	Cranwell	240	989.8	-6	ENE	3	rr	35	57	6	5	-	-	10	10	988.6	-2	NE	3	SS	31	57	6	-	2	-	10	10	1500	7	41	31	30	1	2	0.0	
3	Birmingham	535	987.3	-18	ENE	3	rr	37	57	5	6	-	-	10	10	988.7	+8	NNE	3	SS	31	57	3	-	2	-	10	10	800	7	49	31	30	1	5	0.0	
	Upper Heyford	408	987.3	-18	ENE	3	rr	37	57	5	6	-	-	10	10	987.1	+20	NE/N	3	SS	32	57	3	-	2	-	10	10	450	7	54	31	31	5	10	0.0	
4	Ross-on-Wye	223	988.3	-18	ENE	3	rr	37	57	5	6	-	-	10	10	988.3	+14	N	3	rs	33	57	5	6	-	-	10	10	800	1	54	33	32	1	8	0.2	
5	Hartland Point	299	984.0	-28	WSW	3	rr	41	57	7	6	2	-	7.8	10	987.5	+32	N	5	rs	37	57	6	6	2	-	7.8	10	1500	1	49	36	35	0.1	7	0.1	
	Bristol	209	985.5	-34		0	rr	41	57	5	5	-	-	10	10	986.6	+22	N/E	4	SS	34	57	5	5	-	-	10	10	800	1	55	34	34	4	7	1.3	
	Portland Bill	32	984.6	-40	SW	4	rr	43	57	7	5	-	-	10	10	983.9	+10	NE	4	c	41	57	7	5	-	-	10	10	2500	1	46	40	40	0.3	14	0.0	
	Plymouth	82	983.3	-34	SW/S	3	rr	47	57	6	5	-	-	10	10	987.1	+40	NNW	5	rr	41	57	5	5	-	-	10	10	800	1	52	41	39	1	8	0.0	
	The Lizard	240	983.7	-16	SW/W	4	rr	49	57	7	5	-	-	10	10	989.5	+40	NE	6	rr	40	57	6	8	2	-	9	10	1500	1	51	39	39	0.5	5	1.8	
	Scilly (St. Mary's)	163	984.1	-14	N/E	4	rr	49	57	7	5	-	-	10	10	991.6	+60	NW	6	rr	41	57	7	8	1	-	10	10	1500	1	52	40	40	0.2	5	1.8	
	Guernsey	175	985.6	-40	S/W	5	rr	49	57	6	5	-	-	10	10	984.5	+2	SW/W	6	c	49	57	7	8	1	-	7.8	9	1500	1	52	48	47	2	3	0.5	
6	Pembroke	142	987.2	-6	NE	4	rr	38	57	6	8	-	-	10	10	991.1	+32	NE/N	6	c	39	57	7	8	2	-	9	10	800	1	47	37	37	0.1	3	0.0	
7	Holyhead	26	989.7	-6	NE	4	c	38	55	7	5	-	-	10	10	992.6	+26	NNE	5	c	38	55	8	2	4	4	7.8	7.8	2500	1	43	38	34	Tr	Tr	0.0	
	Chester (Sealand)	16	989.5	-2	NE/N	2	ss	33	52	2	-	2	-	10	10	991.2	+18	N	2	SS	34	52	3	-	2	-	10	10	450	6	42	33	32	0.3	Tr	0.0	
8	Manchester	70	990.0	-6	NNE	3	rs	33	52	5	5	2	-	9	10	990.8	+12	NNE	3	rs	35	55	6	5	2	-	9	10	1500	1	40	33	32	1	5	0.0	
10	Spurn Head	29	990.2	+2	E/N	4	rr	36	55	7	5	-	-	10	10	989.0	-2	NE/E	4	rs	34	52	6	5	-	-	10	10	220	1	42	33	33	0.1	1	0.1	
	Catterick	175	991.7	-18	NW	2	SS	33	57	5	-	2	-	10	10	992.0	+8	N	3	rs	32	52	7	8	7	-	7.8	9	800	4	38	32	30	2	2	0.0	
	Tynemouth	108	991.5	0	NW	3	c	35	55	6	2	-	-	7.8	7.8	992.3	+4	N	4	rs	33	55	6	2	-	-	4.6	4.6	2500	3	37	32	20	2	2	0.0	
11	St. Abbs Head	280	991.0	+4	NNW	2	bc	35	75	8	7	-	-	2.3	2.3	992.6	+8	NW	3	c	33	75	8	3	6	-	7.8	7	2500	3	38	31	31	0.3	1	0.0	
	Leuchars	36	992.2	+2		0	bc	30	55	8	-	-	-	0	0	993.7	+10	NW	1	bc	28	55	8	2	-	-	1	1	4000	5	39	27	27	0.1	1	0.0	
12	Renfrew (Abbots L.)	19	993.4	+2		0	bc	26	55	6	-	-	-	0	0	994.9	+10		0	bc	24	57	7	-	-	-	0	0	-	3	40	23	16	Tr	1	0.1	
	Eskdalemuir	794	993.9	+8	N/E	3	bc	28	55	7	-	-	-	0	0	993.9	+8	N/E	3	bc	28	55	7	-	-	-	0	0	-	8	33	22	8	2	1	0.0	
	Point of Ayre	30	991.6	+2	ENE	4	bc	36	75	8	-	-	-	0	2.3	993.4	+16	NE/N	3	bc	35	75	8	-	-	-	0	Tr	-	2	38	34	34	1	1	0.0	
13A	Tiree	22	994.8	+6	NNW	3	bc	30	52	7	8	-	-	2.3	2.3	996.2	+12	NW	3	rs	29	52	6	7	6	-	2.3	4.6	2500	1	38	28	28	Tr	3	3.1	
13B	Stornoway	80	994.8	+6	NNW	3	bc	30	52	7	8	-	-	2.3	2.3	996.2	+12	NW	3	rs	29	52	6	7	6	-	2.3	4.6	2500	1	38	28	28	Tr	3	3.1	
15	Dalwhinnie	1176	992.0	+6	SW/S	3	bc	33	57	7	5	-	-	2.3	2.3	993.5	+8	NW	2	bc	25	57	7	9	3	-	2.3	2.3	1500	3	39	38	26	-	1	0.5	
	Aberdeen	79	992.0	+6	SW/S	3	bc	33	57	7	5	-	-	2.3	2.3	993.5	+8	NW	2	bc	25	57	7	9	3	-	2.3	2.3	1500	8	40	25	25	0.3	2	0.5	
	Wick	81	992.0	+6	SW/S	3	bc	33	57	7	5	-	-	2.3	2.3	993.5	+8	NW	2	bc	25	57	7	9	3	-	2.3	2.3	1500	8	40	25	25	0.3	2	0.5	
16	Lerwick	156	992.4	+4	NW	4	bc	31	55	8	7	-	-	4.6	4.6	993.3	+4	NW	4	bc	30	55	8	5	-	-	4.6	4.6	1500	4	38	27	27	0.1	0.1	5.6	
17	Blackhead Point	18	995.4	+10	NE	2	bc	39	55	8	3	-	-	4.6	4.6	998.8	+24	N	3	bc	37	55	8	3	-	-	4.6	4.6	1								

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

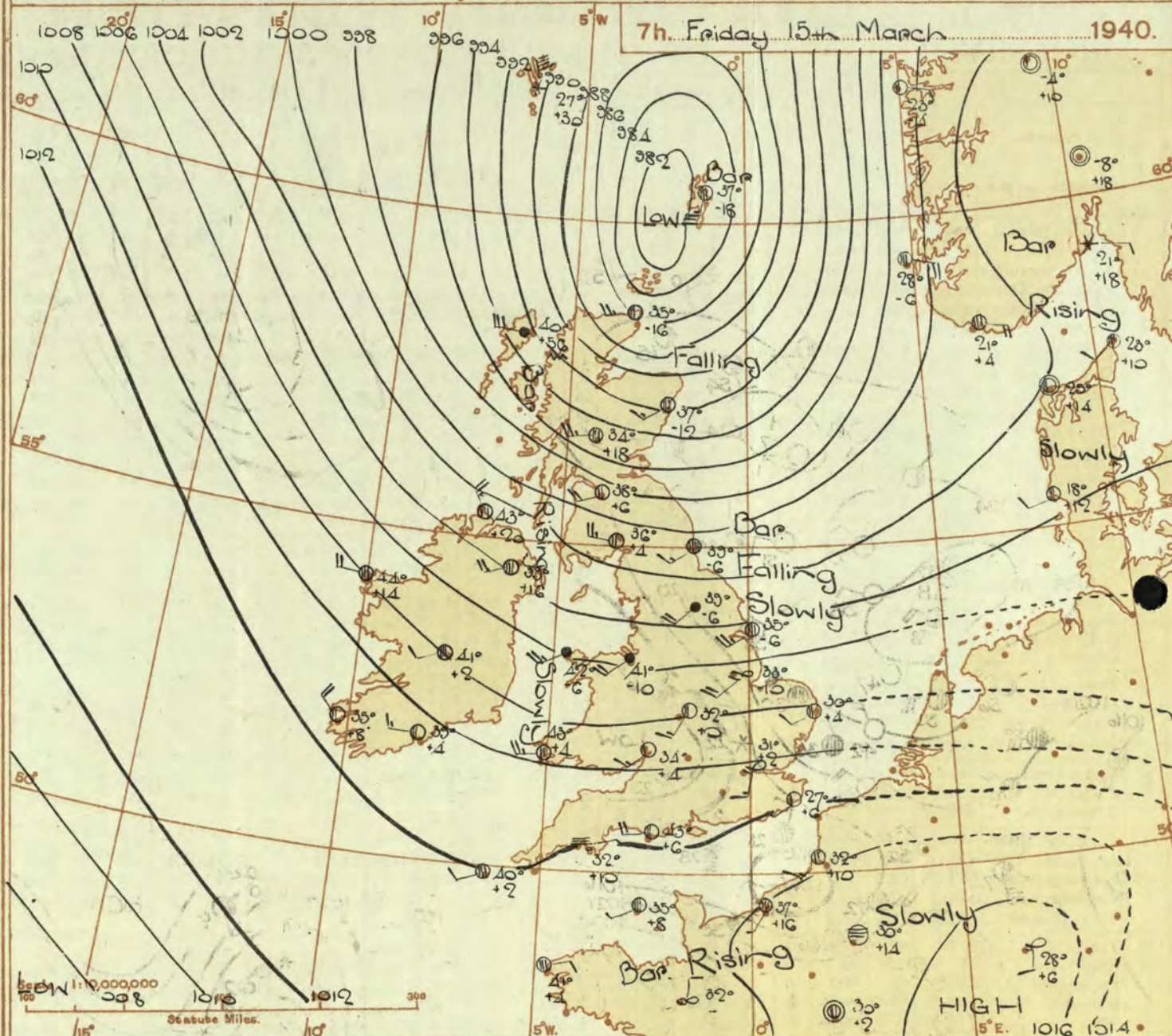
SECRET

BRITISH SECTION
Friday 15th March 1940.
No. 28,603.

OBSERVATIONS at 13h. G.M.T. 14th March														OBSERVATIONS at 18h. G.M.T. 14th 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.										
				Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base (feet) (14)	Direc. (17)					Force 0-12 (18)	Low. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 13h.—18h. 18h.—19h. 19h.—20h. 20h.—24h.								
																																7h.—13h. (37)	13h.—18h. 14h. (38)	18h.—19h. 1h. 15th (39)	19h.—20h. 15th (40)					
1	London (Kew)...	334.4	+58	NW	4	ps	35	85	6	5	-	10	1000	1004.0	+40	NW	3	12	37	85	5	5	3	-	4-6	4-6	4000	1	*	srhkgss	ss	cg	bcir	bc	bc	bc	bc			
	Croydon ...	333.4	+66	NNW	4	ss	33	37	5	6	2	-	10	800	1004.5	+62	NW	2	2	36	85	5	5	-	-	10	10	1500	4	*	rsrhkss	ss	cg	bcir	bc	bc	bc	bc		
	S. Farnborough	334.8	+50	NW	4	ss	34	32	6	6	-	-	10	800	1004.8	+52	W	3	bc	37	75	7	1	-	8	Tr	2-8	5700	2	*	rsrhkss	ss	cg	bcir	bc	bc	bc	bc		
	Boscombe Down	337.0	+80	NNW	5	ss	35	37	6	6	2	-	4-6	10	1005.2	+50	NW	3	b	40	45	8	1	-	-	1	1	4000	1	*	ossm	em	bc	bc	bc	bc	bc	bc		
	Calshot (Soton.)	336.4	+38	NNW	6	ss	37	85	6	5	-	-	10	10	1005.2	+48	NW	3	b	41	65	7	2	1	-	Tr	Tr	2500	1	2	rsrhkss	ss	cg	bcir	bc	bc	bc	bc		
	Lympne ...	338.8	+46	N	7	ss	32	37	3	-	2	-	10	10	1003.6	+60	NW	3	is	38	92	7	6	8	-	7-8	9	450	7	3	omfss	ss	cg	bcir	bc	bc	bc	bc		
	Manston ...	338.1	+58	NNE	8	ss	32	32	2	-	-	-	10	10	1002.6	+50	NNW	5	phr	34	92	6	8	7	-	9	10	450	6	*	omfss	ss	cg	bcir	bc	bc	bc	bc		
2	Shoeburyness ...	331.0	+52	NW	3	ss	33	37	4	5	-	-	10	10	450	1003.4	+66	NNW	3	bc/ps	34	37	7	-	4	2	0	4-6	-	6	*	ossm	ss	bc	bc	bc	bc	bc	bc	
	Felixstowe ...	330.5	+50	NEE	5	ss	33	32	5	6	2	-	10	800	1002.0	+60	NNW	2	c	35	85	7	8	3	-	4	2-3	7-8	1500	4	2	ss	ss	bc	bc	bc	bc	bc	bc	
	Gorleston ...	330.8	+30	NNE	6	c/r	34	32	7	8	-	-	10	10	2500	1002.3	+60	NW	3	bc	36	65	6	5	-	-	4-6	4-6	2500	4	3	osscq	cg	bc	bc	bc	bc	bc	bc	
	Mildenhall ...	332.7	+38	NW	4	c	33	37	8	8	1	-	7-8	3	1500	1003.1	+60	NNW	3	ps	33	37	7	8	6	-	7-8	9	300	6	*	fosse	cp	ss	bc	bc	bc	bc	bc	
	Cranwell ...	334.7	+28	NW	3	ss	34	37	4	6	2	-	9	10	800	1002.6	+46	NNW	2	bc/ps	35	32	7	8	6	3	4-6	4-6	1500	1	*	ss	ss	bc	bc	bc	bc	bc	bc	
3	Birmingham ...	337.4	+44	NNW	4	c	34	35	8	8	-	-	9	9	800	1004.6	+42	NW	3	b	38	55	6	7	-	-	1	1	1500	4	*	fosse	cp	ss	bc	bc	bc	bc	bc	bc
	Upper Heyford	336.5	+58	NW	4	c/s	35	32	6	5	-	-	9	3	800	1004.3	+40	NW	4	b	38	55	8	4	-	-	Tr	Tr	2500	4	*	ss	ss	bc	bc	bc	bc	bc	bc	
4	Ross-on-Wye ...	338.5	+50	NW	4	c	40	65	9	2	-	-	7-8	7-8	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Hartland Point	1001.0	+60	NNW	5	bc	40	55	8	3	-	-	2-3	2-3	2500	1007.6	+22	NNW	4	bc	42	65	9	8	-	-	4-6	4-6	2500	1	3	rs	rs	bc	bc	bc	bc	bc	bc	
	Bristol ...	338.5	+62	N	4	ss	39	85	6	3	-	-	7-8	9	1500	1006.1	+42	NW	3	bc	40	65	8	2	4	-	2-3	2-3	2500	1	*	ss	ss	bc	bc	bc	bc	bc	bc	
	Portland Bill ...	338.9	+80	NW	4	c	45	32	7	5	7	-	7-8	10	2500	1006.7	+44	NW	4	bc	42	85	8	5	-	-	4-6	4-6	4000	1	4	ss	ss	bc	bc	bc	bc	bc	bc	
	Plymouth ...	1000.6	+62	NW	5	bc	43	65	8	3	4	-	4-6	4-6	2500	1006.6	+46	NW	5	b	43	55	9	3	-	-	1	1	2500	1	3	ss	ss	bc	bc	bc	bc	bc	bc	
	The Lizard ...	1002.2	+30	NW	6	bc	45	65	8	6	-	-	4-6	4-6	2500	1006.6	+46	NW	4	bc	41	65	8	8	-	-	4-6	4-6	2500	1	2	ss	ss	bc	bc	bc	bc	bc	bc	
	Soilly (St. Mary's)	1002.8	+50	NNW	5	bc	46	55	8	8	4	-	2-3	4-6	1500	1009.4	+32	NNW	4	bc	44	65	8	8	-	-	4-6	4-6	2500	1	3	ss	ss	bc	bc	bc	bc	bc	bc	
	Guernsey ...	333.8	+54	NNW	5	cg	42	75	7	8	1	-	7-8	7-8	1500	1007.3	+36	-	0	bc	42	75	7	1	-	-	2-3	2-3	2500	1	4	ss	ss	bc	bc	bc	bc	bc	bc	
6	Pembroke ...	1001.3	+32	NNW	4	bc	43	65	8	1	-	-	4-6	4-6	1500	1007.1	+40	NNW	2	bc	43	65	8	7	-	-	4-6	4-6	2500	1	2	ss	ss	bc	bc	bc	bc	bc	bc	
7	Holyhead ...	333.4	+30	NNE	3	c/phr	39	85	8	3	-	-	9	9	1500	1004.4	+30	W	3	bc/ps	42	75	8	8	-	-	4-6	4-6	2500	1	3	ss	ss	bc	bc	bc	bc	bc	bc	
	Chester (Sealand)	338.0	+28	NNW	4	bc	41	45	9	1	-	-	2-3	2-3	7200	1004.2	+20	NW	3	b	39	75	8	7	-	-	1	1	4000	0	*	ss	ss	bc	bc	bc	bc	bc	bc	
8	Manchester ...	337.2	+30	NNW	4	c	43	45	8	2	-	-	7-8	7-8	4000	1003.8	+40	NNW	3	b	37	65	7	8	-	-	1	1	4000	1	*	ss	ss	bc	bc	bc	bc	bc	bc	
10	Spurn Head ...	333.7	+20	NNE	3	c/ps	39	65	7	8	8	-	4-6	7-8	800	1001.6	+34	NW	4	bc	37	75	7	8	-	-	2-3	4-6	800	1	3	ss	ss	bc	bc	bc	bc	bc	bc	
	Catterick ...	336.1	+22	N	4	c	40	65	7	8	-	-	7-8	7-8	1500	1002.1	+20	NW	1	bc	38	65	7	1	-	-	2-3	2-3	4000	1	*	ss	ss	bc	bc	bc	bc	bc	bc	
	Tynemouth ...	336.2	+20	N	5	bc	37	85	8	2	-	-	4-6	4-6	2500	1001.3	+24	N	2	bc	38	75	6	2	-	-	4-6	4-6	2500	1	2	ss	ss	bc	bc	bc	bc	bc	bc	
11	St. Abbs Head	336.1	+20	NNE	3	bc	37	65	9	2	6	-	4-6	4-6	2500	1001.5	+16	W	2	bc	37	65	9	4	6	-	2-3	4-6	2500	0	2	ss	ss	bc	bc	bc	bc	bc	bc	
	Leuchars ...	337.1	+18	NNE	1	c	41	55	8	2	-	-	7-8	7-8	4000	1001.6	+18	WSW	2	bc	39	65	9	8	4	-	2-3	4-6	4000	1	*	ss	ss	bc	bc	bc	bc	bc	bc	
12	Benbow (Abbots L.)	338.5	+22	-	0	bc	44	45	9	7	-	-	4-6	4-6	4000	1001.6	+18	WS	3	bc	40	65	9	8	4	8	1	2-3	5700	1	*	ss	ss	bc	bc	bc	bc	bc	bc	
	Eskdalemuir ...	337.6	+24	NNE	2	b	35	75	8	7	-	-	1	1	4000	1002.2	+22	-	0	bc	30	85	7	5	7	-	2-3	4-6	2500	4	*	ss	ss	bc	bc	bc	bc	bc	bc	
	Point of Ayre ...	338.8	+26	NW	3	b	42	65	8	2	-	-	1	1	4000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
13A	Tiree ...	333.1	+14	NNW	2	bc	43	55	8	2	4	-	2-3	2-3	4000	1006.3	-20	S	5	c	38	85	8	8	7	6	4-6	7-8	4000	4	2	ss	ss	bc	bc	bc	bc	bc	bc	
13B	Stornoway ...	337.5	+4	S	2	bc	40	65	9	2	5	1	2-3	4-6	4000	1006.3	-20	S	5	c	38	85	8	8	7	6	4-6	7-8	4000	4	2	ss	ss	bc	bc	bc	bc	bc	bc	
15	Dalwhinnie ...	338.7	+8	NW	4	c	35	75	8	4	6	-	4-6	7-8	4000	1000.0	+16	W	4	c	33	92	8	4	6	7	1	9	4000	4	*	ss	ss	bc	bc	bc	bc	bc	bc	
	Aberdeen ...	336.8	+20	NNW	3	bc	38																																	

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 ...	
8 N.W. England	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.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Fresh or strong squally northwest wind, moderating later; bright intervals, wintry showers, most frequent in west, with snow locally; becoming colder with night frost.
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 6 - 10.
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 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. G. Press, Cornwall House, S.E.1.

476, 3855, 4765, 4766, 4767, 4768, 4769, 4770, 4771, 4772, 4773, 4774, 4775, 4776, 4777, 4778, 4779, 4780, 4781, 4782, 4783, 4784, 4785, 4786, 4787, 4788, 4789, 4790, 4791, 4792, 4793, 4794, 4795, 4796, 4797, 4798, 4799, 4800, 4801, 4802, 4803, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4814, 4815, 4816, 4817, 4818, 4819, 4820, 4821, 4822, 4823, 4824, 4825, 4826, 4827, 4828, 4829, 4830, 4831, 4832, 4833, 4834, 4835, 4836, 4837, 4838, 4839, 4840, 4841, 4842, 4843, 4844, 4845, 4846, 4847, 4848, 4849, 4850, 4851, 4852, 4853, 4854, 4855, 4856, 4857, 4858, 4859, 4860, 4861, 4862, 4863, 4864, 4865, 4866, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4877, 4878, 4879, 4880, 4881, 4882, 4883, 4884, 4885, 4886, 4887, 4888, 4889, 4890, 4891, 4892, 4893, 4894, 4895, 4896, 4897, 4898, 4899, 4900, 4901, 4902, 4903, 4904, 4905, 4906, 4907, 4908, 4909, 4910, 4911, 4912, 4913, 4914, 4915, 4916, 4917, 4918, 4919, 4920, 4921, 4922, 4923, 4924, 4925, 4926, 4927, 4928, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4938, 4939, 4940, 4941, 4942, 4943, 4944, 4945, 4946, 4947, 4948, 4949, 4950, 4951, 4952, 4953, 4954, 4955, 4956, 4957, 4958, 4959, 4960, 4961, 4962, 4963, 4964, 4965, 4966, 4967, 4968, 4969, 4970, 4971, 4972, 4973, 4974, 4975, 4976, 4977, 4978, 4979, 4980, 4981, 4982, 4983, 4984, 4985, 4986, 4987, 4988, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000.

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

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

THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Friday 15/15 March, 1940.
No 28,603

OBSERVATIONS at 1 hr. G.M.T. 15th March															OBSERVATIONS at 7 hr. G.M.T. 15th March															PAST 24 HOURS.							
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.				RAINFALL.		SUN-SHINE Hrs. (36)
					Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Direc. (17)	Force. 0-12 (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (25)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)						
																																Low. (12)	Med. (13)	High (14)	Low 0-10 (12)	Total 0-10 (13)		Low (14)
1	London (Kew)	18			*	*	*	*	*	*	*	*	1011.2	+2	Sw	2	Zo	32	52	6	-	-	1	0	Tr	-	3	*	40	20	18	3	Tr	0.6			
	Croydon	217	1010.6	+2.4	Sw'S	2	Zo	33	85	5	-	-	1011.2	+2	Sw	3	Zo	31	97	6	-	5	0	Tr	-	3	*	39	20	25	5	-	0.3				
	S. Farnborough	226	1011.0	+1.4	W'S	2	Zo	30	85	6	-	-	1011.4	+4	Sw'w	3	bC	34	85	8	-	1	0	Tr	-	1	*	40	28	23	1	-	3.6				
	Boscombe Down	417	1010.8	+1.0	-	0	Zo	31	85	6	-	-	1011.5	+4	W'Sw	2	Zo	34	97	6	8	4	-	2.3	4.6	4000	1	3	*	41	31	25	4	-	2.3		
	Calshot (Stmntn.)	8	1011.1	+1.4	W'S	2	b	33	85	7	-	-	1012.8	+6	Sw'w	1	b	27	92	7	2	4	-	Tr	1	4000	8	1	*	39	27	17	6	Tr	0.0		
	Lympe	346	1012.0	+2.2	W	2	Zo	29	87	6	-	-	1011.2	+4	Sw	3	Zo	29	92	6	-	4	-	0	Tr	-	8	*	38	27	22	3	0.1	0.0			
	Manston	154	1010.5	+2.0	W'Sw	2	Zo	29	92	6	-	-	1011.2	+4	Sw	3	Zo	29	92	6	-	4	-	0	Tr	-	8	*	38	27	22	3	0.1	0.0			
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	1010.9	+2	Sw'S	1	b	34	85	6	-	1	0	0	-	3	*	37	31	18	6	-	0.1				
	Felixstowe	15	1009.2	+1.8	W	4	Zo	33	92	6	-	-	1009.9	+2	W'Sw	3	m	31	85	4	4	1	0	Tr	-	4	1	*	36	28	26	7	-	0.0			
	Gorleston	5	1008.6	+1.6	W'S	2	b	30	85	7	-	-	1009.4	+4	W'Sw	2	bC	30	92	6	7	4	-	0	2.3	-	3	2	*	36	28	26	7	-	0.0		
	Mildenhall	19	1009.7	+2.4	Sw'S	3	Zo	29	85	6	-	-	1008.8	-2	Sw	4	Zo	31	97	6	-	7	-	0	4.6	-	8	*	38	28	23	1	Tr	1.4			
	Cranwell	240	1007.7	+1.2	Sw	2	Zo	31	92	6	-	-	1006.3	-10	Sw	4	Zo	33	85	6	5	7	-	1	7.8	4000	3	*	38	30	24	1	Tr	0.0			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	1008.6	0	Sw	3	bC	32	85	6	-	7	-	0	4.6	-	4	*	40	30	28	2	-	3.8			
	Upper Heyford	408	1010.4	+1.8	SSw	1	b	29	92	7	-	-	1010.3	+2	Sw	2	b	31	92	6	-	5	5	0	1	-	4	*	39	27	23	1	-	*			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	1010.0	+4	Sw	3	b	34	85	7	1	-	1	Tr	Tr	2500	1	*	*	32	25	-	-	-	4.0		
5	Hartland Point	299	1010.5	+6	W	8	bC	42	75	0	-	-	1011.8	+12	W'NW	3	bC	42	78	0	2	6	-	2.3	4.6	2500	1	3	*	42	40	35	1	-	6.0		
	Bristol	209	1010.7	+4	Sw'w	2	b	36	85	7	-	-	1011.4	+6	S	3	b	35	85	8	5	4	-	Tr	1	2500	3	*	43	32	22	2	-	4.8			
	Portland Bill	32	1011.1	+12	NW	4	b	41	92	8	-	-	1011.9	+6	W	4	bC	43	92	8	5	4	-	2.3	4.6	1000	1	3	*	46	41	*	4	-	*		
	Plymouth	82	1012.3	+C	-	0	Zo	33	85	6	-	-	1012.9	+10	E'N	1	Zo	32	92	5	5	3	1	2.3	2.3	1500	1	2	*	45	31	27	1	-	6.0		
	The Lizard	240	1012.3	+4	Sw'w	2	bC	38	85	8	8	-	1013.0	+6	W'Sw	2	bC	41	85	8	6	-	2	4.6	4.6	2500	0	1	*	46	37	*	1	-	8.0		
	Scilly (St.Mary's)	163	1012.0	+6	-	0	bC	40	85	8	7	-	1012.0	+2	W'Sw	2	c	40	85	8	4	-	2	7.8	0	2500	1	1	*	46	40	*	1	-	7.0		
	Guernsey	175	1012.3	+8	-	0	b	34	85	8	-	-	1013.3	+8	W'Sw	1	c	35	85	8	1	7	8	1	9	2500	1	3	*	49	33	26	6	-	2.8		
6	Pembroke	142	1007.4	+4	W'NW	2	b	42	75	8	-	-	1010.3	+4	W'N	5	bC	42	75	8	4	4	-	2.3	2.3	1500	1	2	*	45	41	*	Tr	-	7.7		
7	Holyhead	26	1006.7	0	W'Sw	4	c	41	65	8	5	-	1008.4	-6	W'Sw	5	16	42	85	8	5	7	-	9+	9+	1500	1	3	*	43	36	31	0.1	0.1	8.0		
	Chester (Sealand)	16	1007.6	+10	SSw	2	bC	35	75	7	5	-	1005.9	-10	Sw	4	16	41	75	7	5	3	-	7.8	7.8	2500	*	*	*	42	*	0.5	-	-	*		
8	Manchester	70	1007.2	+2	S	2	Zo	32	85	6	5	-	1005.3	-14	SSw	4	16	37	75	6	5	3	-	4.6	0	2500	3	*	*	43	31	21	-	-	7.6		
10	Spurn Head	29	1006.2	+6	SSE	3	b	33	85	7	-	-	1004.1	-6	Sw'w	5	c	35	85	6	6	7	3	4.6	9+	800	5	3	*	41	33	*	0.3	-	3.6		
	Catterick	175	1004.6	-4	S	1	b	31	92	7	-	1	1001.7	-6	Sw	4	16	39	85	7	5	2	-	9	10	1500	1	*	*	41	31	18	0.2	0.6	8.2		
	Tynemouth	108	1003.4	-4	NW	2	bC	33	75	6	2	-	1000.7	-6	Sw	3	0/r	39	97	5	-	2	-	10	10	1500	1	1	*	40	33	29	0.2	0.4	*		
11	St. Abbs Head	280	998.5	-28	W'Sw	5	bC	33	75	8	4	-	995.5	+4	W	5	bC	37	85	8	4	4	-	2.3	2.3	2500	0	3	*	39	31	*	Tr	0.3	*		
	Leuchars	36	997.1	-30	Sw	5	c	36	75	8	5	7	974.2	+2	W'Sw	4	bC	37	75	8	5	-	-	2.3	2.3	4000	1	*	*	42	33	27	Tr	0.3	8.6		
12	Renfrew (Abbots I.)	19	998.4	-38	Sw'S	5	16	39	85	5	6	2	998.7	+6	W'Sw	4	bC	38	75	8	5	4	-	4.6	4.6	4000	1	*	*	44	36	29	-	4	8.8		
	Ekdalemuir	794	*	*	*	*	*	*	*	*	*	*	997.8	+4	W'N	5	bC	36	85	7	8	7	-	4.6	4.6	1500	4	1	*	*	24	19	-	3	7.7		
	Point of Ayre...	30	1003.8	-6	W	5	bC	39	85	8	5	-	1002.0	0	W'NW	6	c	41	97	7	8	3	6	2.3	7.8	1500	1	3	*	43	33	*	0.6	10.7			
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	999.5	+18	NW'N	5	c/pr	41	85	7	8	-	-	7.8	7.8	1500	0	5	*	43	38	*	-	2	8.7		
13B	Stornoway	80	999.1	-6	Sw	6	c/pr	36	92	7	8	-	992.6	+5	W'NW	6	phr	40	65	8	3	-	-	7.8	7.8	500	1	4	*	42	36	*	-	2	8.5		
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	+18	W	5	c	34	85	7	8	6	-	7.8	9	2500	7	*	*	39	20	24	Tr	2	6.2		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	991.1	-12	Sw	3	bC	37	65	7	8	-	-	4.6	4.6	1500	3	1	*	40	33	27	-	Tr	0.3		
	Wick	81	980.6	-38	SSw	6	RS	36	97	6	5	2	984.3	-16	W	5	beg	35	92	8	8	7	3	4.6	4.6	1500	4	2	*	38	32	*	-	3	*		
16	Lerwick	166	988.9	-54	S	6	c	39	75	8	8	7	983.1	-18	SSw	7	c	37	85	7	8	7	-	4.6	7.8	800	1	*	*	36	31	*	1	4	6.0		
17	Blackod Point	18	1004.8	-2	W	4	bC	46	85	7	3	-	1007.2	+14	W'N	4	c	44	75	8	5	-	-	9	9	2500	1	3	*	47	33	*	4	3	*		
18	Malin Head	84	999.5	-6	W'Sw	4	c/pr	42	92	6	6	-	1002.2	+20	NW	5	c/p	43	55	8	8	-	-	7.8	7.8	4000	0	3	*	43	37	*	0.2	2	9.0		
	Aldergrove	268	1002.8	-14	Sw'S	4	c	38	85	7	5	-	1003.5	+16	W'S	4	c	39	85	8	5	3	1	2.3	9	2500	1	*	*	43	36	27	0.1	0.6	5.8		
19	Birr Castle	173	*	*	*	*	*	*	*	*	*	*	1007.9	+2	W'Sw	2	c	41	85	8	5	-	-	10	10	2500	1	3	*	45	33	30	-	-	8.0		
20	Valentia Obay.	30	1010.9	-2	-	0	bCpr	34	92	8	8	-	1011.4	+8	W'NW	4	bC/pr	35	85	8	0	-	-	4.6	4.6	1500	1	2	*	46	33	30	0.1	0.1	9.6		
	Roche's Point	22	1011.0	+4	NW'N	3	b	40	85	8	-	-	1011.4	+2	W'NW	3	bC	39	85	8	5	-	-	5	1	2.3	4000	1	3	*	48	35	*	-	-	*	

[illegible]

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

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

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

AIR
MINISTRY.

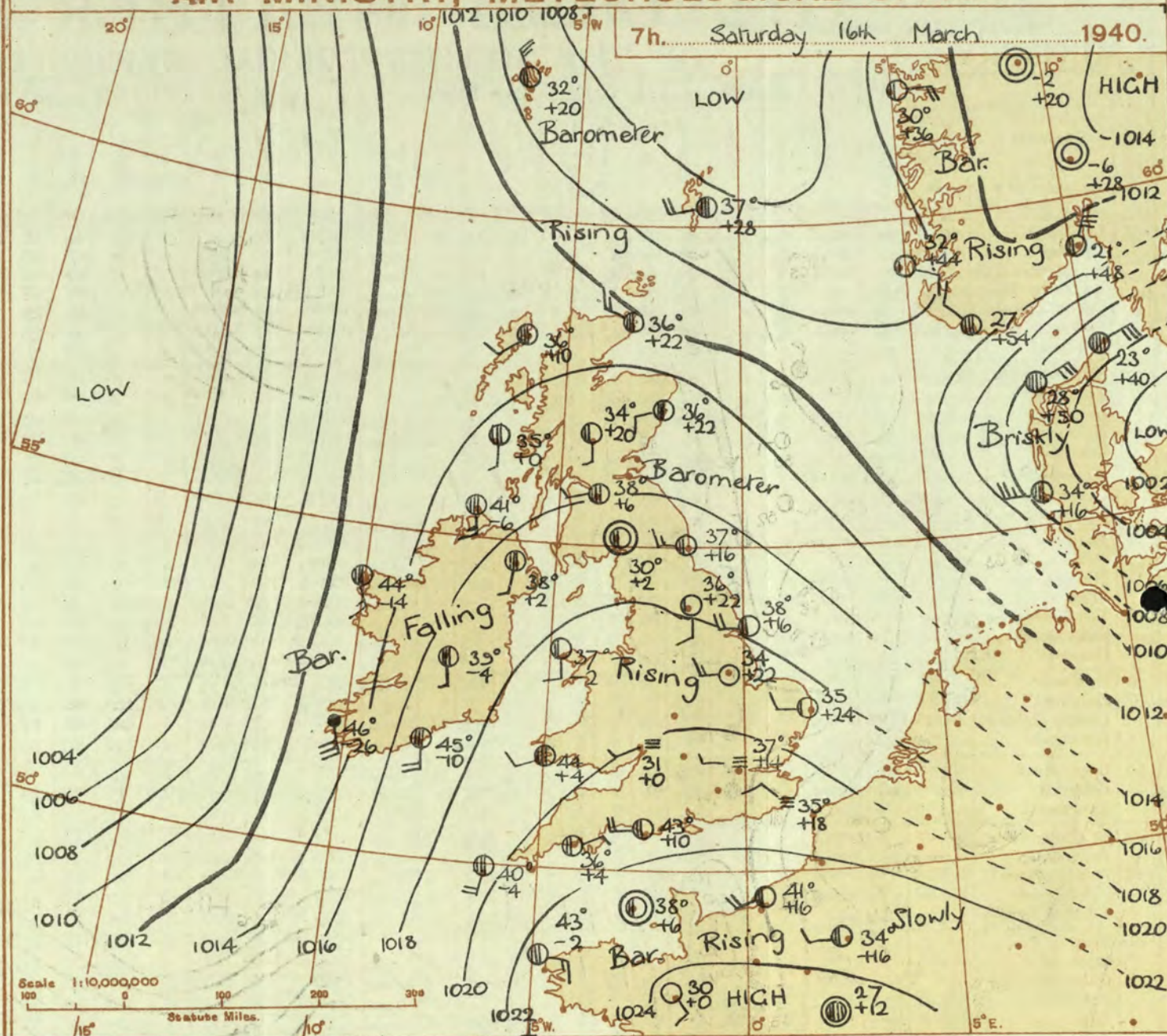
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Saturday 16th March 1940.
No. 28,642

OBSERVATIONS at 13h. G.M.T. 15th March														OBSERVATIONS at 18h. G.M.T. 15th 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.					Sea. 0-9 (30)	WEATHER.						
				Dir.	Force. 0-12 (4)					Low. 0-9 (9)	Med. 10-19 (10)	High 20-29 (11)	Total 30-39 (12)	Height of Base (feet) (14)			Dir.	Force. 0-12 (18)					Low. 0-9 (23)	Med. 10-19 (24)	High 20-29 (25)	Total 30-39 (26)	Height of Base (feet) (28)		7h.-13h. 15th (37)	13h.-18h. 15th (38)	18h.-1st 16th (39)	1st.-7h. 16th (40)			
1	London (Kew)...	1011.1	-4	SW	4	c	48	55	8	8	-	8	7-8	9	2500	1013.2	+20	W	3	id.	46	75	5	5	-	10	1500	1	*	bm, xbcy	cycl, d, z	cycl, d, z	cm, p, f, e		
	Croydon ...	1011.5	+2	SW	5	c	48	55	8	1	-	8	4-6	9	4000	1012.4	+10	WSW	3	ir.	47	65	6	5	7	9	10	2500	1	*	bm, xbcy	cycl, d, z	cycl, d, z	cm, p, f, e	
	S. Farnborough ...	1011.8	-2	WSW	5	c	49	55	8	1	-	8	4-6	9	4000	1013.3	+14	WSW	5	c	47	65	8	5	5	9	10	4000	1	*	bm, xbcy	cycl, d, z	cycl, d, z	cm, p, f, e	
	Boscombe Down ...	1011.9	-2	W	5	c	50	55	8	7	-	8	4-6	7-8	4000	1013.9	+18	W/N	5	c	48	65	8	7	3	1	7-8	3	4000	1	*	bc	c	c	cm, p, f, e
	Calshot (Soton) ...	1012.5	-2	WSW	3	c	47	65	8	1	-	8	4-6	7-8	2500	1014.1	+14	W/S	4	c	46	75	7	5	4	2	4-6	3	4000	1	2	c	c	c	cm, p, f, e
	Lymington ...	1012.0	-6	WSW	4	c	44	75	8	2	-	8	2-3	7-8	4000	1014.1	+10	SW/W	3	c	41	75	8	5	7	2	9	4000	4	3	bbcb, c	c	c	cm, p, f, e	
	Manston ...	1011.1	-10	W/N	5	c	46	65	7	2	7	6	Tr	9	1500	1012.3	+12	WSW	4	c	43	75	7	5	7	2	9	1500	1	*	bm, xbc	c	c	cm, p, f, e	
2	Shoeburyness ...	1010.3	-4	WSW	3	c	48	65	7	1	7	-	1	10	-	1012.4	+14	WS	4	ir.	46	75	5	5	2	9	9	4000	1	2	bm, xbcy	cycl, d, z	cycl, d, z	cm, p, f, e	
	Felixstowe ...	1009.7	-2	WS	5	c	47	55	7	7	-	7	10	9	-	1011.4	+18	N	3	z.	45	75	6	5	7	6	7-8	3	2500	1	1	bm, xbcy	cycl, d, z	cycl, d, z	cm, p, f, e
	Gorleston ...	1008.5	-2	WSW	3	c	40	75	6	5	-	-	10	10	2500	1009.9	+14	WSW	2	bc	43	75	6	5	4	2-3	4-6	2500	1	1	bc, xbcy	cbc	cbc	cm, p, f, e	
	Mildenhall ...	1008.7	0	SW	4	c	41	75	7	5	7	-	7-8	10	2500	1011.0	+20	WS	3	c	41	85	7	5	5	3	10	4000	1	*	bc, xbcy	croc	cbc	cm, p, f, e	
	Cranwell ...	1007.4	+10	W	5	c	43	85	6	8	7	-	7-8	10	1500	1010.2	+24	WNW	4	c	42	75	7	5	5	6	2-3	3	4000	1	*	bc, xbcy	cm, o, c	cbc	cm, p, f, e
3	Birmingham ...	1009.6	+8	WNW	4	c	43	75	8	5	-	-	10	10	1500	1012.3	+24	NW	3	c	43	75	8	8	7	7-8	9	1500	1	*	bc	croc	cbc	cm, p, f, e	
	Upper Heyford ...	1010.6	0	W	4	c	48	65	8	5	7	6	2-3	9	2500	1012.6	+14	W/N	3	c	45	85	3	3	2	7-8	9	800	1	*	bbcc	croc	cbc	cm, p, f, e	
4	Ross-on-Wye ...	1010.4	+4	WS	4	c	47	65	8	8	-	8	7-8	9	2500	1013.3	+16	W/S	3	c	46	75	8	8	8	8	8	2500	1	*	bc	cbc	cbc	cm, p, f, e	
5	Hartland Point ...	1013.3	+8	WNW	4	bc	47	75	9	2	4	5	2-3	4-6	2500	1015.2	+12	WNW	4	c	46	85	9	4	6	4	4	4	4000	1	*	bc	bc	bc	cm, p, f, e
	Bristol ...	1012.3	+6	W	4	c	47	65	8	7	8	7	2-3	7-8	2500	1014.1	+14	W	4	c	44	75	8	4	4	4	4	4000	1	*	bc, xbcy	bc	bc	cm, p, f, e	
	Portland Bill ...	1012.8	+12	WSW	4	bc	45	92	8	5	4	-	4-6	4-6	4000	1014.3	+10	SW	4	bc	44	92	8	5	4	4	4	4000	1	3	bc, xbcy	bc	bc	cm, p, f, e	
	Plymouth ...	1014.0	+4	W	4	c	49	55	8	2	-	1	4-6	7-8	2500	1016.4	+20	WNW	4	bc	47	65	8	8	6	2-3	4-6	2500	0	3	bc, xbcy	bc	bc	cm, p, f, e	
	The Lizard ...	1013.1	+10	W	3	bc	50	55	8	8	-	-	4-6	4-6	2500	1017.3	+10	W	3	bc	46	65	8	8	6	2-3	4-6	2500	0	1	bc	bc	bc	cm, p, f, e	
	Scilly (St. Mary's) ...	1014.3	+14	WNW	3	bc	51	55	8	1	3	-	2-3	4-6	2500	1017.0	+16	WNW	3	b	47	55	3	7	1	1	1	4000	0	1	bc, xbcy	bc	bc	cm, p, f, e	
	Guernsey ...	1014.6	+8	W/S	2	bc	47	55	9	1	7	-	2-3	4-6	2500	1016.4	+18	W/N	2	bc	43	75	9	3	7	1	0	2-3	1	3	bc	bc	bc	cm, p, f, e	
6	Pembroke ...	1012.1	+4	W/N	5	bc	47	75	8	2	3	1	2-3	4-6	2500	1013.4	+16	W/N	5	cq	46	92	8	8	6	4	4	4000	1	3	bc, xbcy	bc	bc	cm, p, f, e	
7	Holyhead ...	1009.4	+20	WS	4	c	46	75	8	1	1	1	2-3	9	4000	1012.7	+22	W/N	3	bc	45	75	8	5	5	4	4	4000	1	2	bc, xbcy	bc	bc	cm, p, f, e	
	Chester (Sealand) ...	1008.6	+18	WNW	6	c	47	55	7	5	7	-	4-6	9	1500	1012.2	+20	WN	4	bc	44	75	7	8	4	1	2-3	2500	1	*	bc, xbcy	bc	bc	cm, p, f, e	
8	Manchester ...	1007.4	+18	W/N	5	c	48	65	8	3	3	-	7-8	9	2500	1011.5	+24	W	4	bc	42	75	7	5	3	4	4	4000	1	*	bc, xbcy	bc	bc	cm, p, f, e	
10	Spurn Head ...	1004.7	+4	W/S	5	cq	42	85	6	5	-	-	9	9	1500	1008.2	+16	W/N	5	c	43	65	6	4	4	4	4	4000	0	3	bc, xbcy	bc	bc	cm, p, f, e	
	Catterick ...	1004.2	-6	WNW	5	cq	43	75	7	8	1	-	7-8	9	1500	1008.3	+30	WNW	2	b	42	75	8	1	1	1	1	4000	1	1	bc	bc	bc	cm, p, f, e	
	Tynemouth ...	1002.3	+26	NW	4	bc	46	65	7	2	-	-	4-6	4-6	2500	1008.4	+32	NW	4	bc	44	45	7	2	1	4	4	4000	1	1	bc	bc	bc	cm, p, f, e	
11	St. Abbs Head ...	1001.7	+24	NW	5	c	42	55	8	8	6	-	4-6	7-8	1500	1005.9	+16	NW	6	bcq	41	55	8	4	1	4	4	4000	0	3	bc, xbcy	bc	bc	cm, p, f, e	
	Leuchars ...	1000.1	+34	WNW	5	bc	45	45	9	1	5	-	2-3	2-3	4000	1005.8	+26	WNW	4	bc	42	55	9	7	2	2	2-3	4-6	4000	1	*	bc, xbcy	bc	bc	cm, p, f, e
12	Renfrew (Abbots L.) ...	1003.6	+24	WNW	5	cq	45	65	9	3	-	6	4-6	7-8	2500	1008.4	+30	W	2	bc	43	65	8	7	1	4	4	4000	1	*	bc, xbcy	bc	bc	cm, p, f, e	
	Eskdalemuir ...	1002.8	+20	WNW	5	c	42	65	8	5	7	-	7-8	7-8	2500	1007.5	+30	W/N	2	c	33	65	8	5	1	7	7-8	2500	4	*	bc, xbcy	bc	bc	cm, p, f, e	
	Point of Ayre ...	1002.8	+26	NW	5	c	45	75	8	8	-	-	3	9	2500	1010.3	+10	NW	4	bc	43	85	8	2	4	Tr	2-3	2500	0	3	c	cbc	cbc	cm, p, f, e	
13A	Tiree ...	1003.3	+44	NW	6	c	41	55	8	5	7	4	4-6	7-8	4000	1008.7	+18	WNW	4	bc	42	85	8	8	3	4	4	4000	0	3	bc, xbcy	bc	bc	cm, p, f, e	
13B	Stornoway ...	1003.3	+40	WNW	5	c	36	55	8	8	6	-	4-6	7-8	4000	1008.8	+18	W	4	qpr	37	85	8	8	1	7	7-8	2500	1	2	bc, xbcy	bc	bc	cm, p, f, e	
15	Dalwhinnie ...	1003.3	+40	WNW	5	c	36	55	8	8	6	-	4-6	7-8	4000	1007.0	+20	SW	5	c	35	85	8	4	6	2	2-3	7-8	4000	4	3	bc, xbcy	bc	bc	cm, p, f, e
	Aberdeen ...	1003.5	+34	NW	5	bc	35	75	7	9	1	1	2-3	2-3	1500	1004.2	+34	NW	4	bc	38	55	7	3	4	2	2-3	2-3	2500	1	3	bc, xbcy	bc	bc	cm, p, f, e
	Wick ...	1003.8	+46	NW	8	c	36	65	7	5	6	-	4-6	7-8	1500	1001.9	+24	NW	5	ps	37	75	7	3	8	1	4-6	7-8	800	1	2	bc, xbcy	bc	bc	cm, p, f, e
16	Lerwick ...	1007.0	+36	WNW	4	ss	33	37	6	2	1	-	4-6	10	800	1003.8	+34	WNW	7	ps	33	85	6	8	7	7	7-8	5	800	4	*	bc, xbcy	bc	bc	cm, p, f, e
17	Blacksod Point...	1011.7	+20	WNW	4	bc	46	65	8	2	3	-	2-3	4-6	2500	1014.1	+16	NW	3	bc	46	65	8	7	1	4	4	4000	0	2	bc	bc	bc	cm, p, f, e	
18	Malin Head ...																																		

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.Scotld. B.N.W.Scot- land.	Freshening south wind, becoming strong to gale; dull, some rain, heavy in places; milder.
14 Mid Scotland	
15 N.E. Scotland	Wind backing south, light, becoming strong later; bright intervals and local wintry showers at first, rain tomorrow; rather cold, becoming milder tomorrow.
16 Orkneys and Shetlands	
17 N.W. Ireland	As 5 - 8.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

A 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.

Forecasts issued at 1030 G.M.T.

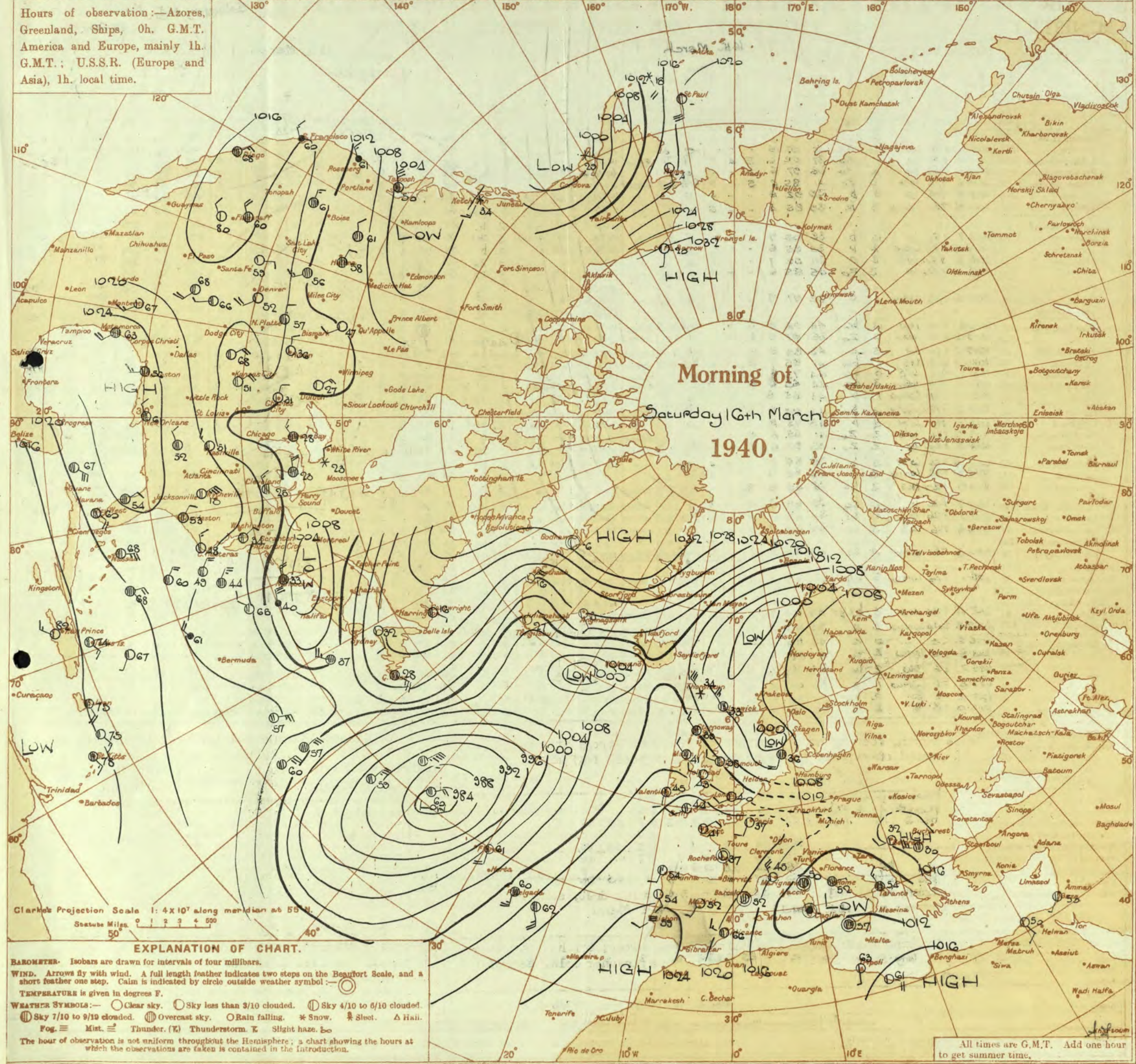
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

H.M.S. G. Press, Cornwall House & L.

476,3653 IN 8109 64626 64746 13500 340

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.

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.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sun- shine.	
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Low 0-10.	Total 0-10.	Low 0-10.	Total 0-10.			Low 0-10.	Total 0-10.	Low 0-10.	Total 0-10.	Day 7h-18h.		Night 18h-7h.
1	London (Kew) ... 18	1018.3	+20	1018.3	2	20	40	57	6	-	-	-	-	-	1020.7	+14	WNW	3	F	36	52	1	-	-	-	10	10	<150	1	*	49	35	27	Tr	1	5.6	
	Croydon ... 217	1018.3	+20	1018.3	2	20	40	57	6	-	-	-	-	-	1020.6	+14	W	1	f+	37	57	2	-	-	-	10	10	<150	1	*	45	36	32	Tr	1	6.6	
	S. Farnborough ... 226	1018.0	+26	1018.0	1	20	37	52	6	-	-	-	-	-	1021.2	+12	W	2	f+	38	57	1	-	-	-	10	10	<150	1	*	51	34	28	-	0.1	6.0	
	Boscombe Down ... 417	1018.0	+20	1018.0	2	20	38	57	6	-	-	-	-	-	1020.6	+8	SW	1	bc	36	57	6	5	3	2	10	23	800	1	*	50	35	27	-	0.1	8.8	
	Calshot (Stmntn.) ... 8	1018.6	+18	1018.6	2	20	41	85	6	-	-	-	-	-	1020.2	+2	W	1	bc	38	57	6	5	1	1	10	23	800	1	*	50	37	32	-	0.2	7.2	
	Lympne ... 346	1018.6	+18	1018.6	3	30	39	52	6	-	-	-	-	-	1021.6	+18	NW	2	bc	35	52	3	5	-	-	10	23	800	1	*	45	34	31	-	0.5	5.1	
	Manston ... 154	1018.8	+34	1018.8	3	30	39	85	4	-	-	-	-	-	1020.9	+18	W	2	bc	34	57	6	5	-	-	10	23	800	1	*	47	33	31	-	0.4	6.4	
2	Shoeburyness ... 11	1016.7	+26	1016.7	3	30	38	85	7	-	-	-	-	-	1020.5	+16	W	2	bc	37	57	4	-	-	-	0	0	-	1	*	46	36	29	Tr	0.4	4.8	
	Felixstowe ... 15	1016.7	+26	1016.7	3	30	38	85	7	-	-	-	-	-	1020.6	+16	WNW	3	bc	36	85	6	-	-	-	0	0	-	1	*	45	35	31	0.1	0.3	3.1	
	Corleston ... 5	1015.6	+20	1015.6	2	20	34	85	6	-	-	-	-	-	1018.2	+24	W	2	bc	35	57	6	5	-	-	1	1	2500	3	*	44	33	32	Tr	-	2.8	
	Mildenhall ... 19	1016.2	+20	1016.2	3	30	34	52	7	-	-	-	-	-	1019.7	+20	WSW	3	bc	33	52	6	-	-	-	0	0	-	3	*	46	32	28	Tr	-	1.6	
	Cranwell ... 240	1016.0	+26	1016.0	3	30	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	1018.3	1	10	32	57	7	-	-	-	-	-	1019.6	+10	WSW	3	bc	35	52	4	-	-	-	0	0	-	1	*	46	33	30	0.3	-	3.6	
	Upper Heyford ... 408	1018.3	+18	1018.3	1	10	32	57	7	-	-	-	-	-	1020.6	+16	-	0	bc	31	57	1	-	-	-	0	0	-	1	*	51	30	20	0.1	0.3	5.0	
4	Ross-on-Wye ... 223	1018.3	+18	1018.3	1	10	32	57	7	-	-	-	-	-	1020.6	+16	WSW	1	bc	31	57	2	-	-	-	0	0	-	1	*	49	31	20	Tr	0.2	5.0	
5	Hartland Point ... 299	1018.3	+14	1018.3	3	30	45	52	8	2	-	-	-	-	1019.2	-2	W	4	bc	44	52	8	8	6	-	4	6	7.8	2500	1	3	47	43	41	-	Tr	9.0
	Bristol ... 209	1019.2	+16	1019.2	2	20	38	57	5	8	-	-	-	-	1020.7	+8	WSW	1	bc	41	57	6	5	-	-	7.8	7.8	1500	1	*	48	37	27	-	Tr	3.3	
	Portland Bill ... 32	1019.5	+20	1019.5	5	50	43	85	8	5	-	-	-	-	1020.6	+10	W	4	bc	43	52	8	5	-	-	2.3	2.3	4000	1	3	45	40	31	-	-	8.0	
	Plymouth ... 82	1020.5	+18	1020.5	1	10	41	85	7	5	-	-	-	-	1021.5	+4	E/N	1	bc	36	57	6	-	-	-	4	4	4	1	2	52	35	31	-	-	10.5	
	The Lizard ... 240	1021.2	+12	1021.2	3	30	44	75	8	4	-	-	-	-	1021.0	-2	S	3	bc	45	65	8	8	6	-	7.8	7.8	2500	0	1	50	41	-	-	-	10.5	
	Scilly (St. Mary's) ... 163	1020.6	+10	1020.6	3	30	44	65	8	8	-	-	-	-	1019.6	-4	SW	4	bc	40	65	8	8	6	-	7.8	7.8	2500	0	2	51	41	-	-	-	10.5	
	Guernsey ... 175	1020.7	+20	1020.7	1	10	43	85	8	-	-	-	-	-	1022.1	+6	-	0	bc	38	52	8	8	-	-	1	2.3	2500	1	3	51	38	28	-	-	2.3	
6	Pembroke ... 142	1018.3	+12	1018.3	2	20	44	52	8	5	-	-	-	-	1019.1	+4	SW	2	bc	44	57	8	8	6	1	4	7.8	2500	1	2	47	41	-	-	-	6.3	
7	Holyhead ... 26	1016.7	+10	1016.7	2	20	43	75	8	-	-	-	-	-	1018.4	-2	S	2	bc	37	52	8	5	4	1	2.3	4.6	5700	1	2	48	37	28	0.1	-	3.0	
	Chester (Sealand) ... 16	1017.1	+20	1017.1	2	20	41	65	6	5	-	-	-	-	1019.0	+2	-	0	bc	33	65	7	-	-	-	0	0	-	1	*	47	33	25	0.1	-	4.0	
8	Manchester ... 70	1016.9	+22	1016.9	2	20	38	52	6	5	-	-	-	-	1019.0	+6	S	1	bc	33	52	4	-	-	-	0	0	-	3	*	45	30	20	0.5	-	3.7	
10	Spurn Head ... 29	1014.0	+20	1014.0	5	50	38	85	5	-	-	-	-	-	1017.8	+16	W	4	bc	38	85	5	5	-	-	2.3	2.3	1500	0	3	46	35	20	0.4	-	1.5	
	Catterick ... 175	1013.8	+18	1013.8	5	50	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	1013.9	2	20	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	1010.7	6	60	39	65	7	4	-	-	-	-	1014.5	+16	W	6	bc	39	85	7	4	-	-	2.3	4.6	2500	0	3	41	38	-	-	-	9.2	
	Leuchars ... 36	1011.1	+26	1011.1	4	40	35	85	9	8	-	-	-	-	1014.6	+18	W	0	bc	35	85	9	5	4	-	Tr	Tr	5700	1	*	46	34	23	-	-	7.1	
12	Renfrew (Abbots I.) ... 19	1013.6	+16	1013.6	3	30	39	85	7	5	-	-	-	-	1015.9	+6	W	1	bc	38	52	8	5	3	1	4.6	7.8	4000	1	*	47	35	29	0.4	Tr	5.6	
	Eskdalemuir ... 794	1015.5	+8	1015.5	4	40	42	85	8	4	-	-	-	-	1017.1	+2	-	0	bc	30	92	7	5	7	-	4.6	4.6	2500	0	1	43	30	28	0.4	-	5.7	
	Point of Ayre ... 36	1015.5	+8	1015.5	4	40	42	85	8	4	-	-	-	-	1017.1	+2	W	2	bc	34	92	8	-	4	1	0	2.3	-	0	1	50	34	-	-	-	5.0	
13a	Tiree ... 22	1011.1	+20	1011.1	3	30	39	75	7	8	-	-	-	-	1014.2	0	S	1	bc	35	52	8	8														

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

BRITISH SECTION

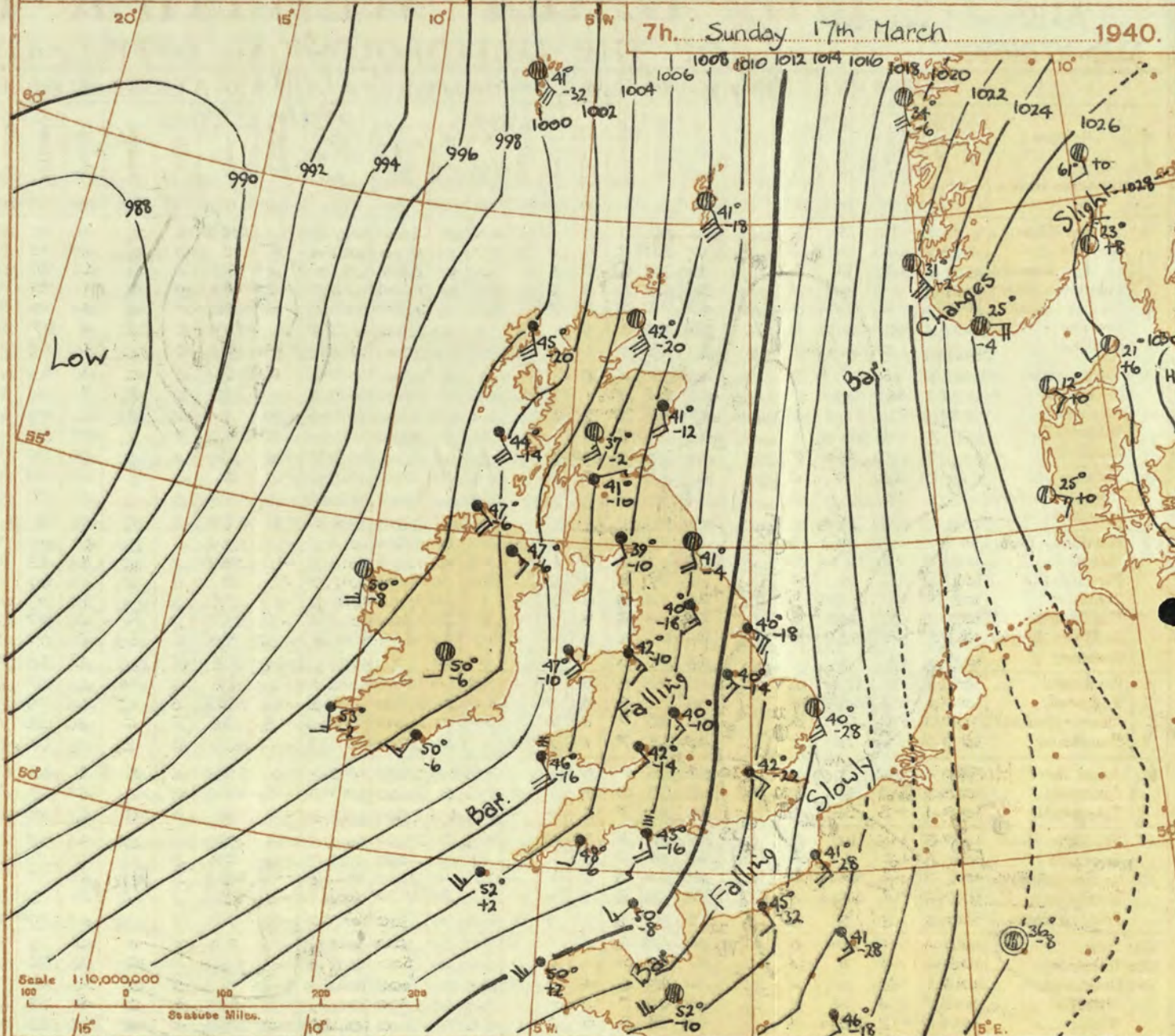
Sunday 17th March 1940.

No 28,605.

OBSERVATIONS at 13h. G.M.T. 16th March														OBSERVATIONS at 18h. G.M.T. 16th 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.					Sea. 0-9 (29)	0-9 (30)	WEATHER.					
				Dir. (3)	Force. (4)					Form. (9)	Med. (10)	High (11)	Low (12)	Total (13)			Height of Base. (feet) (14)	Dir. (17)					Force (18)	Form. (23)	Med. (24)	High (25)	Low (26)			Total (27)	Height of Base (feet) (28)	7h.—18h. 16th (37)	13h.—18h. 16th (38)	18h. to 17th (39)	1h.—7h. 17th (40)
1	London (Kew)...	1022.9	+4	S	1	Z	46	92	5	5	3	-	4-6	94	4000	1021.3	-4	SW	5	Z	45	75	6	5	-	10	10	2500	1	*	of fcm.	cm.	cm.	cm.	
	Croydon ...	1022.7	+4	-	0	Z	47	85	6	8	7	6	2-3	94	1500	1021.4	-4	S	3	C	45	75	6	-	7	-	0	10	-	1	*	of fcm.	cm.	cm.	cm.
	S. Farnborough	1022.9	+4	W	2	Z	49	78	6	5	3	-	10	10	2500	1021.0	-4	SE	3	C	44	75	6	5	2	-	2-3	10	2500	1	*	Fz c.	CZVC	Zf r.	for doc
	Boscombe Down	1021.8	0	SW	4	C	50	65	8	5	2	6	4-6	10	2500	1019.9	-12	S	4	C	42	75	7	5	1	-	94	10	2500	1	*	bm fcm.	C	cl r.	cm.
	Calshot (Soton.)	1022.8	+6	SW	4	C	49	75	8	4	7	-	2-3	10	2500	1020.6	-12	SSE	4	C	44	75	7	1	2	-	Tr	10	5700	1	2	bm c.	CO	ORRMO	ORRMO
	Lymington	1023.1	+2	SW	2	C	46	85	8	5	-	-	10	10	2500	1022.6	0	SW	2	C	41	97	8	5	5	-	Tr	94	5700	1	1	cm.	C	CO	ORRMO
	Manston	1023.0	+6	WNW	2	C	49	55	7	1	-	6	2-3	7-8	2500	1022.2	0	SW	3	C	46	85	7	4	7	-	2-3	10	2500	1	*	bm xcy	cy cmc	cm.	cm.
2	Shoeburyness ...	1022.9	-4	SSW	2	M	48	75	4	5	-	-	9	9	2500	1021.8	-4	SSW	3	C	46	85	6	7	2	-	2-3	10	4000	1	*	fcm	mmc	cm.	cm.
	Felixstowe	1022.2	+14	SSW	2	C	53	55	7	1	-	6	4-6	94	2500	1021.5	-2	SE	2	Z	41	92	6	5	7	-	4-6	10	2500	1	1	bm bcy	cm.	cm.	cm.
	Gorleston	1022.0	+20	ESE	2	bc	47	65	6	2	4	-	4-6	4-6	2500	1021.8	+6	S	4	C	42	75	6	5	5	-	4-6	94	2500	0	2	bz bc	bec	C	C
	Mildenhall	1021.7	+8	WSW	1	C	45	55	7	4	-	6	7-8	94	4000	1020.4	-6	SE	2	Z	47	65	6	5	7	-	2-3	10	4000	1	*	bz cy	cy c.	cl r.	cl r.
	Cranwell	1020.8	+6	SW	2	C	49	55	7	1	-	7	2-3	10	4000	1019.2	-6	SE	3	C	45	75	7	5	1	-	7-8	10	4000	0	*	bm xcy	cy c.	cl r.	cl r.
3	Birmingham	1021.3	+4	S	3	C	44	85	6	5	3	-	4-6	94	2500	1018.3	-10	S	3	C	45	65	8	5	7	-	1	10	2500	1	*	bcc	C	cl r.	cl r.
	Upper Heyford	1022.0	+2	SSE	2	Z	44	85	6	5	3	-	7-8	94	1500	1020.2	-4	SE	3	C	44	75	8	5	2	-	4-6	10	2500	1	*	bfbfcm.	cmc	cm.	cm.
4	Ross-on-Wye	1020.3	-4	SW	2	C	49	65	7	1	1	-	2-3	10	2500	1018.4	-6	SSE	2	ir	42	75	8	-	2	-	10	10	-	1	*	bffc	C	cl r.	cl r.
5	Hartland Point	1019.2	-8	SW	3	C	45	65	8	8	2	-	4-6	94	2500	1014.6	-16	SSE	4	C	44	92	7	8	6	-	4-6	94	1500	1	3	C	cl r.	cl r.	cl r.
	Bristol ...	1021.6	+2	SSW	3	C	49	65	8	5	1	-	4-6	10	1500	1018.5	-10	SSE	4	ir	44	65	7	8	2	-	7-8	10	1500	1	*	cmc	cl r.	cl r.	cl r.
	Portland Bill	1021.9	+6	S	3	C	45	92	8	5	2	-	7-8	10	4000	1018.7	-20	S	4	ir	44	92	7	8	6	-	10	10	1500	1	4	bcc	cl r.	cl r.	cl r.
	Plymouth	1021.1	-6	SSW	5	C	46	75	8	5	2	-	1	10	1500	1016.5	-22	SE	5	ir	46	92	6	8	-	-	10	10	800	1	3	bcc	cl r.	cl r.	cl r.
	The Lizard	1020.3	-12	SSE	5	rr	45	85	6	8	2	-	9	10	1500	1014.4	-20	SSE	7	rr	46	97	6	8	-	-	10	10	1500	1	4	cl r.	cl r.	cl r.	cl r.
	Scilly (St. Mary's)	1017.5	-10	SSE	5	rr	46	92	6	5	-	-	10	10	1500	1011.4	-26	SE	6	dd	48	97	5	5	-	-	10	10	800	1	4	cl r.	cl r.	cl r.	cl r.
	Guernsey	1023.0	+2	S	1	C	46	75	8	-	1	-	0	10	-	1020.1	-16	SE	4	rr	44	85	7	8	-	-	10	10	800	1	3	bcc	cl r.	cl r.	cl r.
6	Pembroke	1018.2	-2	SW	6	cy	45	85	8	5	2	-	7-8	10	1500	1013.0	-20	SE	6	rr	44	97	4	8	-	-	10	10	800	1	3	cl r.	cl r.	cl r.	cl r.
7	Holyhead	1017.4	-14	SSE	4	C	46	85	8	8	7	-	4-6	94	2500	1013.9	-10	SSE	5	ir	44	75	8	6	2	-	4-6	10	1500	1	3	bcc	cl r.	cl r.	cl r.
	Chester (Sealand)	1019.6	-10	SE	3	C	46	85	7	5	2	-	94	10	4000	1016.4	-8	SE	2	C	46	65	7	5	2	-	4-6	10	1500	1	*	bm, cy	CZC	cl r.	cl r.
8	Manchester	1019.7	-10	S	2	C	49	55	7	1	7	7	1	94	2500	1017.2	-10	SSE	3	Z	48	65	6	5	7	-	7-8	10	2500	1	*	bmffc	cl r.	cl r.	cl r.
10	Spurn Head	1020.4	+10	-	0	C	50	55	7	5	-	-	7-8	7-8	2500	1019.2	-6	SE	4	C	41	85	6	5	-	-	94	94	2500	0	3	C	cl r.	cl r.	cl r.
	Catterick	1018.9	0	SW	2	C	49	55	9	7	-	6	4-6	94	4000	1017.6	-6	SSE	2	Z	44	75	5	5	7	-	4-6	10	4000	1	*	bxbcc	cl r.	cl r.	cl r.
	Tynemouth	1019.4	+8	SE	2	bc	48	55	7	2	-	-	4-6	4-6	2500	1018.8	-4	SE	3	C	42	85	6	8	-	-	94	94	2500	1	2	bc	cl r.	cl r.	cl r.
11	St. Abbs Head	1017.6	+16	W	2	C	46	97	8	3	6	-	7-8	9	2500	1016.3	-6	SE	4	C	40	85	8	5	6	2	4-6	94	2500	0	2	C	cl r.	cl r.	cl r.
	Leuchars	1016.8	+2	S	2	C	45	75	6	5	-	-	10	10	4000	1015.7	-6	SE	3	C	43	85	7	5	1	9	7-8	94	4000	1	*	bxbcc	cl r.	cl r.	cl r.
12	Renfrew (Abbots L.)	1016.7	-6	SSW	2	C	45	65	8	5	-	-	10	10	2500	1014.7	-14	SSE	3	cy	43	75	7	5	2	-	4-6	10	4000	1	*	cl r.	cl r.	cl r.	cl r.
	Eskdalemuir	1017.6	-4	SSW	4	C	42	65	8	5	-	-	94	94	1500	1016.1	-6	SW	2	ir	41	75	8	5	-	-	10	10	1500	1	*	bcc	cl r.	cl r.	cl r.
	Point of Ayre	1017.8	-8	S	4	C	45	85	8	8	7	6	2-3	94	2500	1015.0	-10	SE	3	cy	43	97	7	8	2	-	7-8	10	1500	1	2	C	cl r.	cl r.	cl r.
13A	Tiree	1013.4	-6	SW	5	C	44	65	8	5	1	-	7-8	94	2500	1008.7	-20	SE	6	0	43	75	7	5	2	-	4-6	10	1500	1	4	C	cl r.	cl r.	cl r.
13B	Stornoway	1013.4	-4	S	4	C	47	65	8	2	6	9	4-6	94	2500	1011.6	-18	SSE	5	C	43	75	8	5	7	-	4-6	10	4000	1	3	C	cl r.	cl r.	cl r.
15	Dalwhinnie	1016.9	-2	S	4	C	40	75	8	4	6	7	2-3	94	4000	1014.5	-10	S	5	C	38	75	7	4	7	-	4-6	10	2500	1	4	bc	cl r.	cl r.	cl r.
	Aberdeen	1016.9	+14	W	2	C	45	65	7	5	-	1	7-8	7-8	2500	1016.2	+2	SE	3	C	41	85	6	-	7	-	0	9	-	1	1	bcc	cl r.	cl r.	cl r.
	Wick	1014.9	+12	SSW	4	C	45	75	8	5	6	1	4-6	7-8	1500	1014.2	-6	SSE	4	C	42	85	8	5	7	9	4-6	94	1500	1	2	ebcc	C	eqmo	rocmo
16	Lerwick	1012.4	+20	SW	5	C	40	75	8	8	7	-	4-6	7-8	1500	1014.7	+12	SW	4	C	40	75	8	8	7	-	4-6	7-8	1500	1	*	qphr	cl r.	cl r.	cl r.
17																																			

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 17th March 1940.



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.

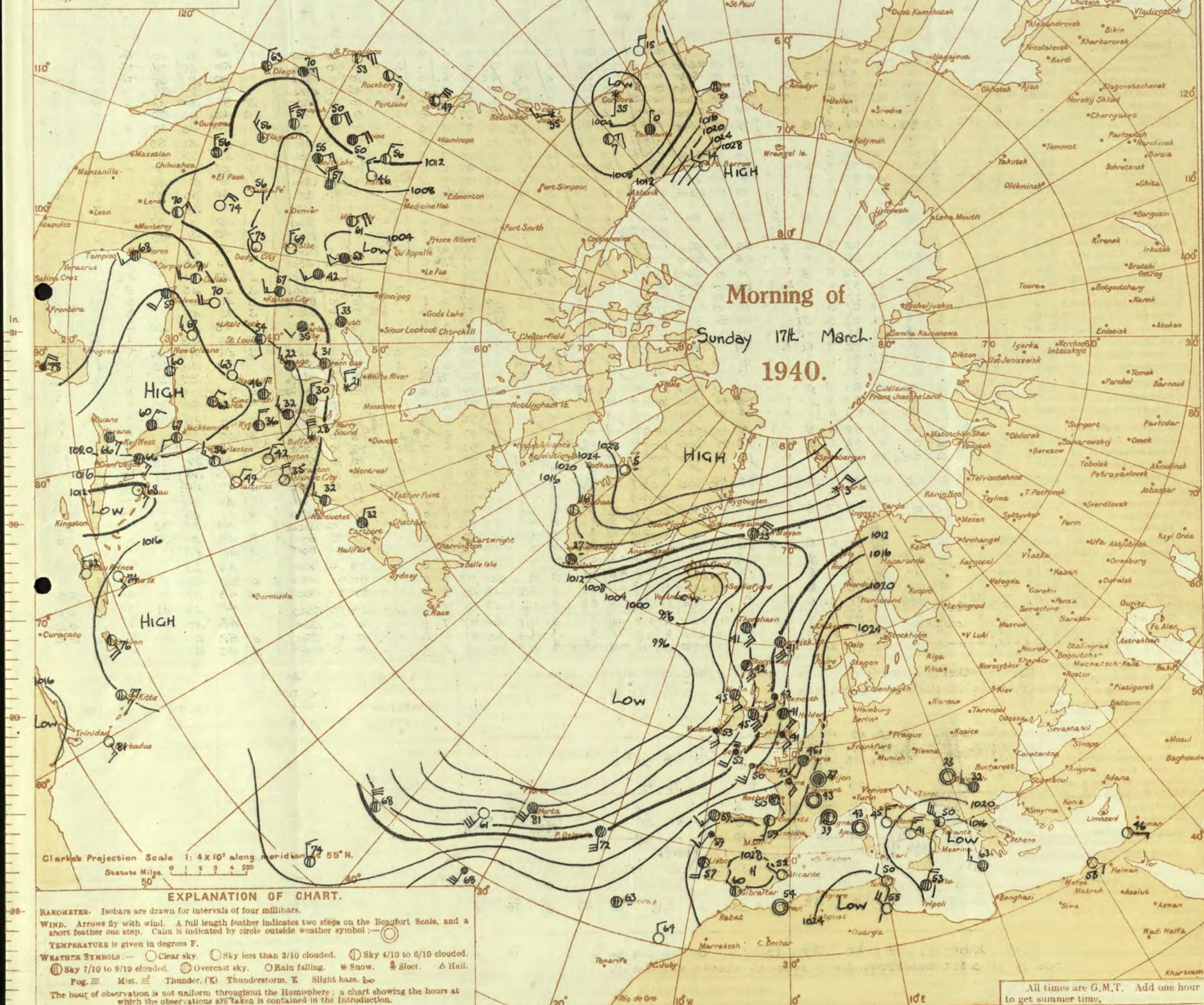
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

G 476, 3015, 10, 8105, 04610, 04610, 13500, 5441

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

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



AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Sunday 17th March, 1940.
No 28605

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. (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. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 16th Hrs. (36)	
					Direc. (3)	Force. (4)					Form. (10)	Amount. (11)	Height of Base. (feet) (14)	Direc. (18)	Force (19)			Form. (23)	Amount (24)					Height of Base (feet) (27)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)						
																																0-12	0-9	0-10	0-10		0-12
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	rr	41	97	6	-	2	-	10	10	1013.1	-22	SE	4	rr	42	97	6	6	2	-	10	10	800	1	*	50	41	39	Tr	4	0.3
	S. Farnborough	226	1017.9	-14	SE	4	rr	41	92	5	-	-	-	10	10	1012.2	-18	SSE	4	rr	42	97	6	6	2	-	10	10	800	1	*	49	41	39	Tr	4	0.4
	Boscombe Down	417	1016.5	-18	SE	5	rr	40	97	6	-	2	-	10	10	1010.8	-20	SE'S	4	rr	41	97	3	-	-	-	10	10	1500	1	*	51	39	38	-	7	2.0
	Calshot (Stmntn.)	8	1018.0	-14	SSE	4	RR	42	97	6	-	2	-	10	10	1011.6	-28	SSE	3	rr	44	97	5	-	2	-	10	10	1500	1	3	51	41	40	-	9	3.2
	Lymington	346	1021.2	-8	S'W	3	rr	41	83	7	-	2	-	10	10	1015.5	+2	S'E	3	rr	40	97	6	6	2	-	7	10	1500	1	4	48	40	39	-	2	3.0
	Manston	154	1021.2	-2	SE'S	2	rr	42	92	6	-	-	-	10	10	1015.5	-22	S'E	4	rr	41	97	4	6	-	-	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	rr	40	92	6	-	2	-	10	10	1015.5	-22	SSE	4	rr	41	85	7	5	-	-	10	10	1500	1	2	52	39	39	-	Tr	6.7
	Gorleston	5	1020.8	0	S	3	c	40	75	7	-	-	-	10	10	1015.7	-28	SSE	5	c	40	85	6	5	-	-	9	10	2500	0	3	48	39	37	-	Tr	5.6
	Mildenhall	19	1018.3	-10	SE'S	3	rr	42	85	6	-	2	-	10	10	1013.5	-24	SSE	4	rr	42	85	7	5	-	-	10	10	1500	1	*	51	41	40	-	Tr	6.8
	Cranwell	240	1016.8	-18	S	4	rr	40	97	6	-	-	-	10	10	1012.2	-14	S'E	3	rr	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	rr	39	97	5	-	-	-	10	10	1012.1	-18	SSE	3	rr	40	97	6	6	2	-	7	10	800	1	*	47	*	37	-	5	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1009.6	-14	SSE	2	rr	42	92	7	6	2	-	7	10	1500	1	*	49	41	39	0.1	3	0.5		
5	Hartland Point	299	1009.3	-2	SSE	6	c	47	92	8	6	2	-	4	10	1006.3	-16	SW	4	rr	52	97	6	-	2	-	10	10	1500	1	3	46	44	44	1	7	0.3
	Bristol	209	1013.3	-26	S	5	c/r	42	85	6	6	2	-	4	10	1009.7	-14	SSE	2	rr	43	97	5	5	-	-	10	10	450	1		50	40	39	Tr	11	1.5
	Portland Bill	32	1016.0	-16	S	5	rr	42	92	6	-	-	-	10	10	1009.7	-16	S	4	rr	43	92	3	5	-	-	10	10	4150	1	4	47	40	*	0.2	9	*
	Plymouth	82	1012.0	-16	S'W	3	rr	48	97	6	-	2	-	10	10	1009.0	-6	SSW	2	rr	48	97	4	-	2	-	10	10	4150	1	3	46	45	44	5	22	0.3
	The Lizard	240	1001.8	-6	SSW	3	rr	49	97	1	-	-	-	10	10	1008.7	-2	SW	5	rr	50	97	2	5	-	-	10	10	800	1	3	46	45	*	9	23	0.0
	Scilly (St. Mary's)	163	1009.0	-14	SW'S	4	rr	52	97	3	-	-	-	10	10	1007.6	+2	SW'S	5	rr	52	97	6	5	-	-	10	10	1500	1	3	48	48	*	8	15	0.0
	Guernsey	175	1013.6	-16	S	5	rr	42	97	5	-	-	-	10	10	1011.8	-8	SW	3	rr	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	rr	48	97	2	-	-	-	10	10	1004.4	-16	S'E	4	rr	46	97	1	-	-	-	10	10	4150	1	3	46	43	*	1	12	0.4
7	Holyhead	26	1008.0	-22	SSE	6	c/r	45	92	7	6	2	-	7	10	1004.8	-10	SSE	4	rr	47	92	8	5	2	-	7	10	1500	1	3	48	42	40	Tr	1	1.0
	Chester (Sealand)	16	1012.0	-22	SE'S	4	c/d	42	92	5	-	-	-	10	10	1008.0	-10	SE	3	RR	42	92	6	6	2	-	7	10	800	1	*	50	40	38	-	4	3.7
8	Manchester	70	1013.5	-18	SE	4	c/d	41	92	5	-	-	-	10	10	1010.0	-10	SE'S	3	rr	42	85	7	5	-	-	10	10	1500	1		51	39	39	-	2	4.2
10	Spurn Head	29	1016.4	+10	SE'E	4	0	41	85	5	-	-	-	10	10	1011.8	-18	SE	5	dodo	40	97	5	5	-	-	10	10	800	1	4	(50)	39	*	-	Tr	5.6
	Catterick	175	1013.3	-14	S	5	rr	40	92	5	-	7	-	7	8	1009.9	-16	S'E	3	dodo	40	97	5	5	-	-	10	10	450	1		51	39	35	-	Tr	5.7
	Tynemouth	108	1014.2	-14	S	4	rr	42	85	6	-	2	-	10	10	1010.7	-4	S	4	0	41	92	6	5	-	-	10	10	1500	1	2	49	40	38	-	0.2	*
11	St. Abbs Head	280	1010.7	-8	SSE	5	rr	40	92	6	-	-	-	10	10	1008.7	+4	S	5	c	39	97	6	5	2	-	7	10	1500	1	3	49	39	*	-	0.5	*
	Leuchars	36	1011.8	-20	SSE	6	c	41	92	6	5	7	8	7	8	1007.7	-10	ESE	3	rr	41	92	6	5	2	-	7	10	4000	1	*	48	40	36	-	0.4	4.2
12	Renfrew (Abbots L.)	19	1010.8	-18	ESE	2	dodo	40	92	4	-	2	-	10	10	1007.2	-10	E'N	1	dodo	41	97	4	5	-	-	10	10	1500	1	*	46	39	38	Tr	3	2.1
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1007.7	-10	S	2	rr	39	97	5	-	2	-	-	-	10	10	220	1		45	38	37	Tr	1	2.5
	Point of Ayre	30	1009.5	-18	S'E	6	rr	40	97	7	8	2	-	7	8	1005.7	-10	SSE	5	rr	42	97	6	-	2	-	10	10	800	1	3	47	40	*	0.5	2	1.5
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1000.3	-14	S'E	6	rr	44	97	6	-	2	-	-	-	10	10	1300	1	5	46	40	*	-	3	0.5
13B	Stornoway	80	1006.2	-26	SE	5	c/r	42	75	7	5	1	-	4	10	1000.2	-20	S	6	rr	45	85	7	5	7	-	7	10	2500	1	0	41	40	*	-	1	6.7
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1006.7	-20	S	5	c	37	92	6	5	7	-	7	10	1500	1	*	44	34	34	-	1	2.0		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1008.5	-12	S	5	dodo	41	92	6	6	-	-	-	-	10	10	800	1	2	45	40	37	-	0.5	1.5
	Wick	81	1009.9	-18	SSE	6	c	41	92	6	5	7	8	7	8	1004.7	-20	SSE	7	c	42	92	6	6	1	8	4	10	800	1	3	46	40	*	-	0.1	*
16	Lerwick	156	1013.1	-14	S	8	c/r	41	75	8	7	-	4	7	8	1008.8	-18	S'E	6	c	41	85	7	8	2	-	7	10	800	1	*	43	39	*	0.4	-	5.0
17	Blackod Point	18	1000.8	-6	S	5	c/r	50	97	6	-	-	-	10	10	1019.5	-8	S	5	c	50	97	7	8	-	-	9	10	450	2	4</						

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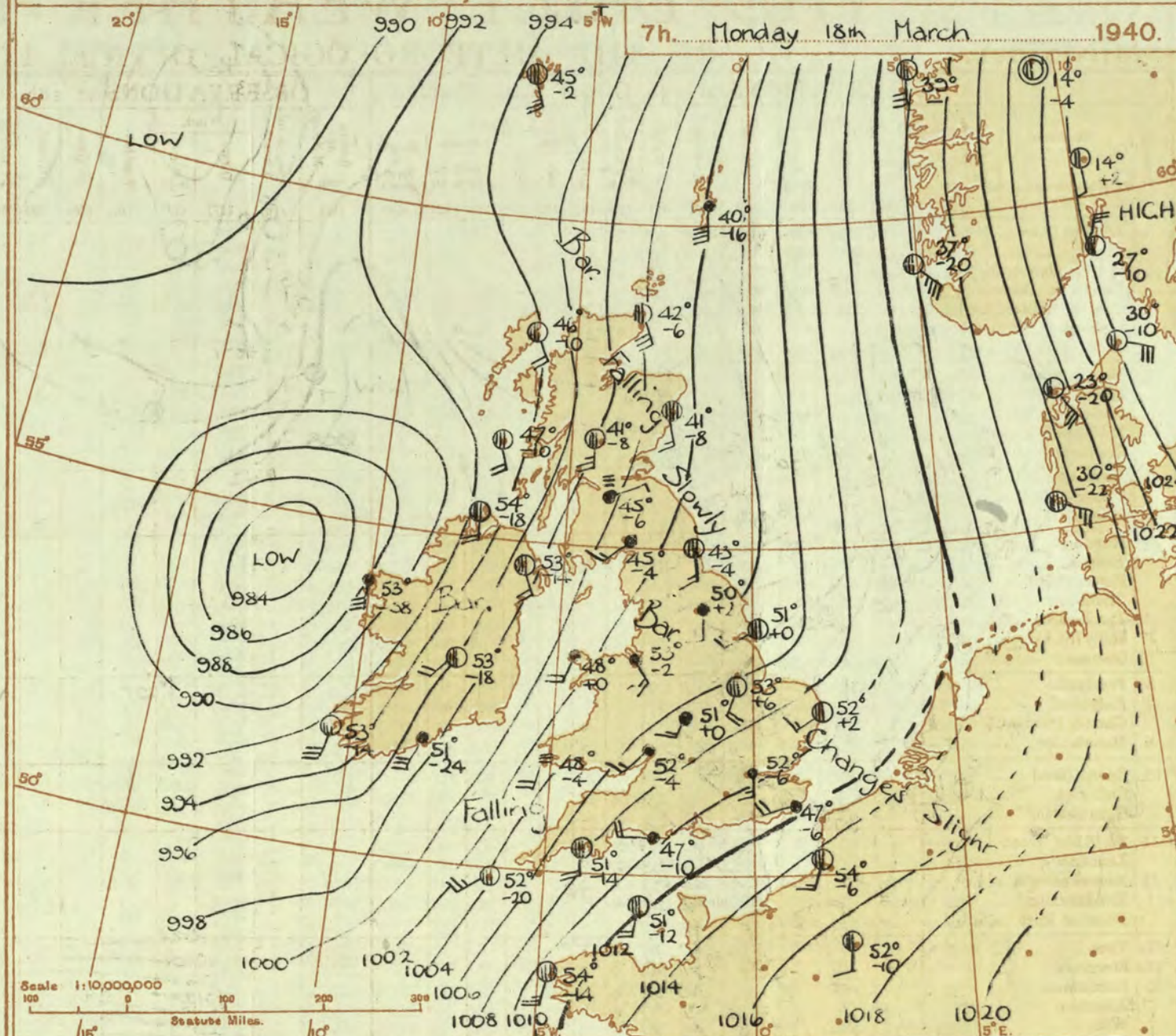
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Monday 18th March 1940.
No 28606

OBSERVATIONS at 13h. G.M.T. 17th March														OBSERVATIONS at 18h. G.M.T. 17th March														PAST 24 HOURS.									
Dissect.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours (2)	Winds		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 8 hours (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.							
				Dir. (3)	Force. 0-12 (4)					Form. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Form. (23)					Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)			7h.—13h. 17h.—17h. (37)	13h.—18h. 17h.—17h. (38)	18h.—17h. 17h.—17h. (39)	1h.—7h. 18h.—18h. (40)				
1	London (Kew)...	1009.8	-16	S'W	2	ir	48	97	5	-	-	10	10	1500	1010.1	+8	S'W	3	for	51	92	5	5	-	-	10	10	1500	1	*	cr	ir	om	cr	ir	om	
	Croydon ...	1010.5	-16	S'E	3	ir	49	97	6	2	-	5	10	450	1010.3	+2	S	3	ir	52	97	6	6	2	-	5	10	450	1	*	cr	ir	om	cr	ir	om	
	S. Farnborough	1009.7	-10	S'W	4	ir	51	97	6	6	-	5	10	800	1010.3	+6	S	3	ir	51	97	5	5	-	-	10	10	450	1	*	cr	ir	om	cr	ir	om	
	Boscombe Down	1009.2	+14	S'W	3	cf	53	97	7	6	2	5	10	450	1009.8	+8	S'W	5	df	51	97	3	5	-	-	10	10	1150	1	*	cr	ir	om	cr	ir	om	
	Calshot (Soton.)	1010.7	+6	S'W	4	ir	49	97	3	5	-	10	10	450	1010.5	+6	S'W	4	of	49	97	2	5	-	-	10	10	220	1	3	or	ir	om	cr	ir	om	
	Lympe	1013.3	-12	S'W	2	rf	44	97	2	-	-	10	10	1150	1012.6	-10	S'W	4	f	48	97	2	-	-	-	10	10	1150	1	3	or	ir	om	cr	ir	om	
	Manston	1012.9	-10	SSE	4	dr	42	97	4	6	-	10	10	1150	1011.2	+8	S'W	4	z	50	97	5	6	-	-	10	10	450	1	*	rr	ir	om	cr	ir	om	
2	Shoeburyness ...	1011.6	-20	SSE	3	ir	45	97	6	5	-	10	10	2500	1011.0	+4	S'W	3	m	48	97	4	5	-	-	10	10	1500	1	*	or	ir	om	cr	ir	om	
	Felixstowe ...	1012.2	-18	SSE	3	dr	41	97	5	5	-	10	10	450	1010.5	-4	S'W	2	rf	42	97	3	2	-	-	10	10	220	1	1	rr	ir	om	cr	ir	om	
	Gorleston ...	1013.0	-16	SSE	6	ro	40	97	6	6	-	10	10	1500	1010.7	-6	S'E	4	ro	40	97	4	6	-	-	10	10	800	1	4	co	ro	ir	om	cr	ir	om
	Mildenhall ...	1009.8	-20	SE'S	5	rr	45	97	5	6	2	5	10	450	1008.7	-6	SSE	3	z	47	97	5	5	-	-	10	10	800	1	*	cr	ir	om	cr	ir	om	
	Cranwell	1009.1	-14	SE'S	4	dr	44	97	5	6	2	5	10	220	1007.6	-8	S'E	2	of	46	97	3	5	-	-	10	10	220	1	*	rr	ir	om	cr	ir	om	
3	Birmingham	1008.2	0	SSE	2	cf	43	97	3	6	-	10	10	800	1007.1	-4	S	2	o	53	97	5	6	-	-	10	10	800	1	*	or	ir	om	cr	ir	om	
	Upper Heyford	1009.6	-6	S	3	cf	45	97	5	2	-	10	10	450	1008.9	+2	S'W	3	d	53	97	5	2	-	-	10	10	450	1	*	co	ir	om	cr	ir	om	
4	Ross-on-Wye ...	1007.5	-4	S'W	3	c	53	85	7	5	1	5	10	1500	1007.3	0	S'W	3	c	54	97	7	6	1	-	5	10	1500	1	*	ro	ir	om	cr	ir	om	
5	Hartland Point	1007.5	+10	S'W	4	f	50	97	3	5	-	10	10	1150	1005.9	-10	S'W	6	rr	53	97	6	2	-	-	10	10	800	1	5	rr	ir	om	cr	ir	om	
	Bristol ...	1008.8	+6	S'W	3	cf	57	85	7	5	7	5	10	450	1008.6	-2	S'W	3	ir	54	97	6	6	2	-	5	10	800	1	*	rr	ir	om	cr	ir	om	
	Portland Bill ...	1010.6	+12	S'W	4	cf	46	92	3	3	-	10	10	1150	1011.0	+2	S'W	4	of	47	97	2	5	-	-	10	10	1150	1	4	or	ir	om	cr	ir	om	
	Plymouth	1010.5	+8	S'W	1	f	49	97	2	2	-	10	10	1150	1010.5	+2	S'W	4	rf	48	97	2	5	-	-	10	10	1150	1	2	or	ir	om	cr	ir	om	
	The Lizard	1011.2	+10	S'W	5	f	51	97	1	5	-	10	10	450	1009.0	-8	S'W	4	df	51	97	1	5	-	-	10	10	450	1	4	or	ir	om	cr	ir	om	
	Scilly (St. Mary's)	1008.6	0	S'W	4	f	52	97	2	-	-	10	10	1150	1007.0	-8	S'W	5	f	52	97	2	-	-	-	10	10	1150	1	3	or	ir	om	cr	ir	om	
	Guernsey	1012.3	+12	S'W	5	rr	52	97	5	5	-	10	10	450	1013.0	+4	S'W	5	o	53	97	6	3	-	-	10	10	800	2	4	RR	ir	om	cr	ir	om	
6	Pembroke ...	1006.4	+6	S'W	5	f	49	97	1	5	-	10	10	1150	1005.1	-8	S'W	5	f	48	97	1	-	-	-	10	10	1150	2	2	Fd	ir	om	cr	ir	om	
7	Holyhead	1004.0	-4	S	4	df	49	97	5	5	-	10	10	220	1003.1	-6	S'W	4	f	47	97	3	-	-	-	10	10	1150	1	2	rr	ir	om	cr	ir	om	
	Chester (Sealand)	1006.5	-6	SE	4	ir	46	92	6	6	2	7-8	10	800	1005.4	-6	SE	1	z	52	85	6	5	2	-	5	10	2500	1	*	co	ro	ir	om	cr	ir	om
8	Manchester	1007.6	-10	SE'S	2	c	45	97	5	5	2	7-8	10	800	1005.5	-6	S'E	2	m	50	92	4	5	2	-	7-8	10	1500	1	*	r	ir	om	cr	ir	om	
10	Spurn Head	1009.3	-10	SE	5	rr	40	97	5	5	-	10	10	800	1007.5	-2	SE	4	d	41	97	4	5	-	-	10	10	2500	1	3	or	ir	om	cr	ir	om	
	Catterick	1008.3	-8	S'E	4	ro	43	97	4	5	2	5	10	800	1006.3	-10	SSE	2	d	44	97	4	5	-	-	10	10	1150	1	1	or	ir	om	cr	ir	om	
	Tynemouth	1010.1	-6	S	4	r	41	92	6	2	-	10	10	1500	1007.6	-10	SSE	4	o	41	97	6	5	-	-	10	10	1500	1	2	or	ir	om	cr	ir	om	
11	St. Abbs Head	1006.5	0	S	5	ir	41	97	5	5	-	10	10	1500	1005.0	-4	SE	4	o	40	97	5	5	-	-	10	10	1500	1	3	rr	ir	om	cr	ir	om	
	Leuchars	1006.5	-6	SE	2	z	44	92	6	5	2	7-8	10	1500	1004.7	-10	ESE	2	o	43	92	5	5	-	-	10	10	1500	1	*	ir	ir	om	cr	ir	om	
12	Renfrew (Abbots L.)	1005.6	-6	NEN	1	df	44	97	3	5	-	10	10	800	1004.2	-10	E	2	o	43	92	3	5	2	-	5	10	800	1	*	or	ir	om	cr	ir	om	
	Eskdalemuir	1006.0	-10	S	1	d	43	97	6	2	-	10	10	220	1004.3	-14	ESE	1	ro	45	97	7	-	2	-	10	10	450	1	*	or	ir	om	cr	ir	om	
	Point of Ayre	1004.8	-4	S'W	4	dd	42	97	5	2	-	10	10	800	1002.8	-10	SE	4	f	43	97	5	-	-	-	10	10	1150	1	2	rr	ir	om	cr	ir	om	
13a	Tiree ...	1000.6	0	S	5	cf	47	97	6	5	-	10	10	1500	999.1	-14	S	4	c	53	97	7	5	-	-	10	10	450	1	3	ido	ir	om	cr	ir	om	
13b	Stornoway	999.3	-4	S	7	rr	47	85	7	5	2	7-8	10	2500	998.6	-4	SSE	5	o	46	85	7	5	2	-	4-6	10	2500	1	4	or	ir	om	cr	ir	om	
15	Dalwhinnie	*	-2	S'W	4	ir	40	92	6	4	2	7-8	10	1500	1004.8	-10	S'W	4	c	41	92	5	5	4	-	7-8	10	1500	1	*	ir	ir	om	cr	ir	om	
	Aberdeen	1007.0	-4	S	5	d	41	97	6	5	-	10	10	800	1006.3	-4	S	3	d	41	97	6	5	-	-	10	10	800	1	3	or	ir	om	cr	ir	om	
	Wick	1003.3	-2	SSE	7	c	43	97	6	6	7	7	4-6	10	800	1002.8	+2	SSE	7	c	42	97	6	5	2	-	7-8	10	800	1	3	co	ir	om	cr	ir	om
16	Lerwick...	1005.3	-14	SSE	9	ro	41	92	6	6	2	4-6	10	800	1003.8	0	S	3	c	41	97	6	6	2	-	4-6	10	800	1	*	ir	ir	om	cr	ir	om	
17	Blackad Point...	1000.1	0	S'W	4	id	50	9																													

AIR MINISTRY, METEOROLOGICAL OFFICE.



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 ...	Moderate or fresh south to southwest winds; occasional rain or drizzle; mild.
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Fresh south wind, strong on coasts; occasional rain, bright intervals later; local coast fog at first; mild.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Fresh south wind, strong to gale on coasts, decreasing slowly; cloudy, occasional rain; local coast mist; mild.
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	Fresh south wind, strong on coasts, veering southwest and decreasing; rain at first, bright intervals and showers later; 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 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.

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.

Forecasts issued at 1030 G.M.T.

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

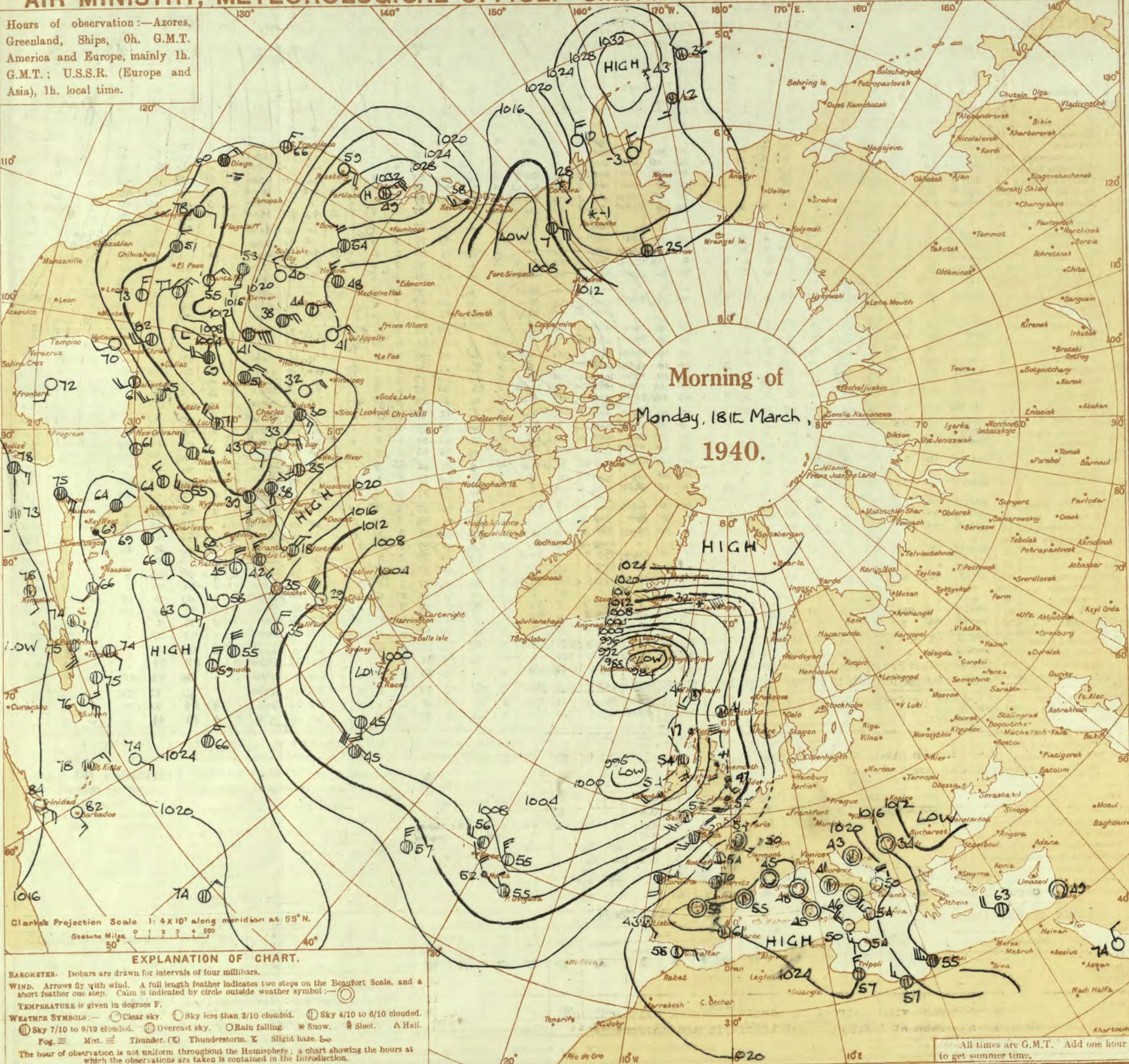
H. S. O. Press, Cornwall House & E. 1.

476, 3653, 11/10/35, 11/10/35, 11/10/35, 11/10/35

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.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Monday 18th March 1940.

No. 28606

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. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)			
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Direc. (17)	Force. (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (25)	Max. Day 7h-13h °F. (31)	Min. Night 13h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-13h mm. (34)			Night 13h-7h mm. (35)								
																																0-12 (5)	0-9 (8)	Low. (12)	Med. (13)		High (14)	0-12 (19)	0-9 (22)
1	London (Kew)	18	1010.5	+2	SW	4	ido	52	97	5	5	-	10	10	450	1009.8	0	SW	3	20	52	92	6	5	-	10	10	1500	1	52	50	50	8	1	0.0				
	Croydon	217	1011.1	+1.7	SSW	6	ido	51	97	5	6	-	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	+1.7	SSW	6	ido	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	4	ido	50	97	5	5	-	10	10	450	1008.6	+2	SW	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	ido	49	97	5	2	-	10	10	450	1010.3	+6	SW	2	c/r	48	97	6	6	7	-	2.3	10	800	1	50	46	45	4	6	0.0			
	Lympe	346	1012.9	+2	SW	4	ido	48	97	1	-	-	10	10	450	1012.3	-6	SW	4	ido	47	97	7	6	7	-	9	10	450	1	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	4	c	51	85	7	5	7	2	4.6	7.8	1500	1	50	49	48	10	3	0.0			
2	Shoeburyness	11	1009.4	-2	SSW	5	ido	48	97	5	6	-	10	10	450	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	ido	48	97	5	6	-	10	10	450	1009.4	0	SW	4	c	48	97	6	5	-	10	10	800	1	50	42	42	8	5	0.0				
	Gorleston	5	1008.3	-16	SW	3	m/r	44	92	4	6	-	10	10	1500	1008.1	+2	SW	3	c/pr	52	97	6	5	-	4.6	9.4	2500	1	41	39	38	5	6	0.0				
	Mildenhall	19	1007.4	-2	SW	5	c	53	92	7	6	2	-	9	10	800	1007.6	+2	SW	4	c	52	92	7	5	3	6	2.3	9.4	5700	1	48	46	46	11	7	0.0		
	Cranwell	240	1005.5	-6	SW	5	ido	53	92	6	5	-	9	9	1500	1005.9	+6	SW	4	ido	53	92	6	5	-	9	10	800	1	46	45	43	13	5	0.0				
3	Birmingham	535	1006.3	+6	SW	7	ido	51	97	6	5	-	10	10	1500	1004.5	-10	SW	4	c/r	54	92	8	5	2	-	7.8	9.4	1500	1	53	50	50	5	0.2	0.0			
	Upper Heyford	408	1008.5	+6	SSW	2	ido	52	97	5	-	2	-	10	10	450	1008.3	+6	SSW	2	c	50	97	7	5	-	10	10	450	1	54	49	48	8	7	0.0			
4	Ross-on-Wye	223	1006.3	+6	SW	7	ido	51	97	6	5	-	10	10	1500	1004.5	-10	SW	4	c/r	54	92	8	5	2	-	7.8	9.4	1500	1	53	50	50	5	0.2	0.0			
5	Hartland Point	299	1008.4	+6	SW	5	ido	54	92	6	5	-	10	10	800	1007.2	-8	S	4	ir	51	97	6	6	2	-	9.4	10	450	1	57	51	49	4	4	0.1			
	Bristol	209	1010.7	+4	WSW	4	ir	46	92	3	5	-	10	10	450	1009.5	-10	W	4	RR	47	92	7	5	-	10	10	1500	1	47	43	43	6	11	0.1				
	Portland Bill	32	1010.4	+2	SSW	3	ir	49	97	4	-	2	-	10	10	450	1007.5	-14	S	4	ir	51	97	5	-	2	-	10	10	450	1	50	48	47	5	12	0.0		
	Plymouth	82	1009.5	0	S	5	ir	50	97	2	5	-	10	10	450	1006.4	-10	S	5	rr	50	97	6	5	-	10	10	1500	1	52	50	50	6	9	0.0				
	The Lizard	240	1007.3	-4	SSW	5	c	52	97	6	5	-	10	10	1500	1007.8	-20	SW	5	c/r	52	97	6	8	2	-	7.8	10	1500	1	53	51	51	1	2	0.0			
	Scilly (St. Mary's)	163	1007.3	-4	SSW	5	c	52	97	6	5	-	10	10	1500	1007.8	-20	SW	5	c/r	52	97	6	8	2	-	7.8	10	1500	1	53	51	51	1	2	0.0			
	Guernsey	175	1012.8	-6	SW	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	53	50	47	-	0.1	0.0		
6	Pembroke	142	1007.6	+4	SW	6	mg	49	97	4	5	-	10	10	800	1003.7	-4	SW	4	f	48	97	2	-	-	-	10	10	450	1	49	47	46	6	9	0.0			
7	Holyhead	26	1001.9	+2	SSE	4	f	48	97	2	-	-	10	10	450	1001.1	0	SE	4	ido	48	97	4	5	-	-	10	10	450	1	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	ir	53	92	6	5	-	-	10	10	800	1	52	51	48	4	11	0.0			
8	Manchester	70	1004.1	-4	S/E	2	ido	51	97	4	6	2	-	9	10	450	1004.1	+4	SW	4	ir	52	92	5	5	-	4	9.4	9.4	1500	1	50	50	48	4	13	0.0		
10	Spurn Head	29	1004.5	-12	SE	3	f	42	97	3	-	-	10	10	450	1004.2	0	SW	4	ido	51	92	6	5	-	-	7.8	7.8	2500	1	41	40	40	12	6	0.0			
	Catterick	175	1003.8	-12	S	1	f	45	97	2	-	-	10	10	450	1002.7	+2	S	2	ido	50	97	5	5	7	-	7.8	9.4	800	1	44	43	40	2	3	0.0			
	Tynemouth	108	1004.9	-8	S	3	ir	41	97	4	-	2	-	10	10	1500	1002.4	-4	S	3	c/r	43	97	2	5	-	-	7.8	7.8	2500	1	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	20	42	97	5	8	6	-	7.8	10	1500	1	42	39	39	0.4	1	0.0			
	Leuchars	36	1002.6	-14	0	0	f	41	97	4	5	2	-	9	10	800	999.8	-6	0	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	f	45	97	3	-	2	-	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	1001.8	-14	E	2	f	45	97	3	-	2	-	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		
	Point of Ayre	30	1000.8	-8	S/E	4	ido	45	97	3	-	-	10	10	450	1000.6	-4	SW	3	ido	45	97	5	-	2	-	10	10	450	1	45	41	42	2	7	0.0			
13A	Tiree	22	997.3	-6	SE	4	pr	47	85	7	5	2	-	7.8	10	2500	993.3	-10	SE	4	e	47	97	7	5	-	-	9.4	9.4	1500	1	47	44	44	4	4	0.0		
13B	Stornoway	80	997.3	-6	SE	4	pr	47	85	7	5	2	-	7.8	10	2500	993.3	-10	SE	4	e	47	97	7	5	-	-	9.4	9.4	1500	1	47	44	44	4	4	0.0		
15	Dalwhinnie	1176	997.3	-6	SE	4	pr	47	85	7	5	2	-	7.8	10	2500	993.3	-10	SE	4	e	47	97	7	5	-	-	9.4	9.4	1500	1	47	44	44	4	4	0.0		
	Aberdeen	79	1001.7	-4	SSE	6	c	42	97	6	5	2	-	7.8	10	800	1000.2	-8	SSE	3	4	41	97	2	5	-	-	10	10	800	1	41	40	39	1	3	0.0		
	Wick	81	1004.5	+6	S	8	c	41	92	6	8	2	-	7.8	10	800	998.3	-6	SSE	6	c	42	97	6	5	2	-	7.8	10	800	1	43	41	41	1	3	0.0		
16	Lerwick	156	1004.5	+6	S	8	c	41	92	6	8	2	-	7.8	10	800	1002.0	-16	S	8	id	40	92	6	6	2	-	7.8	10										

AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

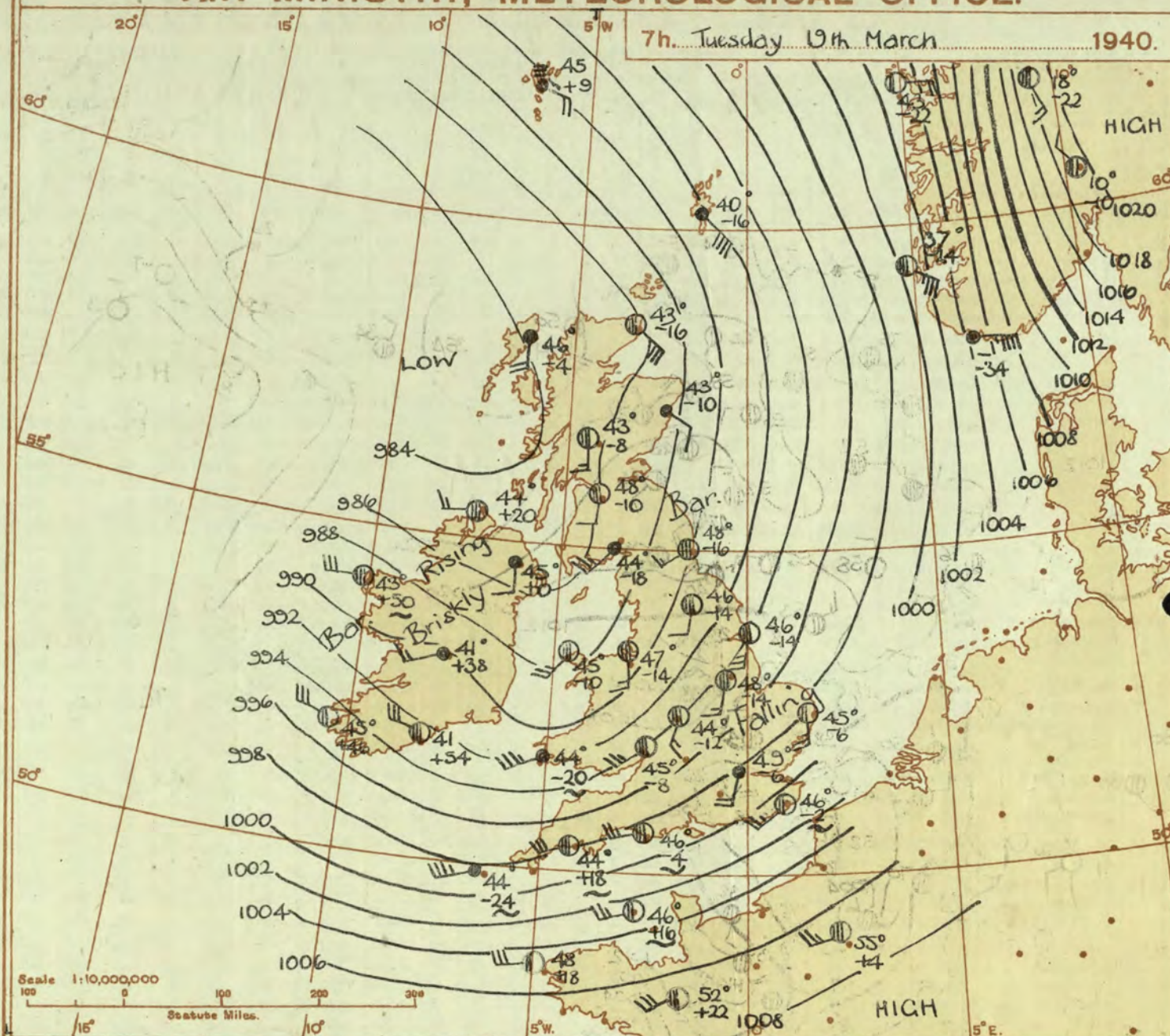
SECRET

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. (5)	Temp. °F. (6)	Humid. % (7)	Visiblity. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visiblity. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.					
				Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base (feet) (14)	Low. (23)					Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)			7h.—13h. 18th (37)	13h.—18h. 18th (38)	18h.—to 19th (39)	1h.—7h. 19th (40)		
1	London (Kew)...	1005.0	-12	SSW	4	C	58	75	5	1	-	4-6	10	2500	1005.5	-2	SSW	4	Sp	55	85	6	5	-	-	9+	9+	1500	1	*	cp rmc	cp rmc	ci rbc	cc mcr	
	Croydon ...	1005.7	-10	SSE	4	C	60	75	7	1	-	1	10	2500	1006.4	-2	S	1	Sp	56	85	6	6	2	-	9+	10	800	1	*	ci rmc	cc mcr	ci rbc	bcc	
	S. Farnborough	1005.4	-12	SSW	4	C	58	75	7	7	-	2-3	10	2500	1005.3	-10	SSE	4	Sp	54	87	6	5	-	-	9+	10	2500	2	*	ci rmc	cc mcr	ci rbc	cc mcr	
	Boscombe Down	1007.0	-10	SSW	3	C	55	85	7	6	7	-	7-8	9+	1500	1008.9	-18	SSW	5	Sp	53	87	6	5	7	-	7-8	9	1500	1	*	ci rmc	cc mcr	ci rbc	cc mcr
	Calshot (Soton.)	1003.4	-14	SSW	4	C	53	85	8	5	7	7	1	9+	5700	1005.7	-14	SSW	2	Sp	50	87	7	5	7	8	7-8	9+	2500	1	2	om p r	cc mcr	ci rbc	cc mcr
	Lymington	1010.4	-20	SSE	2	C	58	75	8	5	-	5	1+	10	4000	1007.9	-12	SSW	1	bc	52	85	8	-	7	1	0	4-6	-	0	2	cp rmc	cc mcr	ci rbc	cc mcr
	Manston	1009.6	-14	SSW	4	C	59	75	7	5	7	7	4-6	10	4000	1006.7	-6	SSW	3	C	56	85	7	5	7	2	4-6	7-8	1500	1	*	cp rmc	cc mcr	ci rbc	cc mcr
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	*	ci rmc	cc mcr	ci rbc	cc mcr
	Felixstowe ...	1005.9	-10	S	3	C	48	92	7	5	7	-	2-3	10	2500	1005.9	-14	S	3	C	47	85	6	5	7	4	4-6	9+	2500	1	1	om rmc	cc mcr	ci rbc	cc mcr
	Gorleston ...	1005.2	-4	S	3	C	55	92	6	6	-	-	10	10	1500	1005.6	-20	SSW	4	C	51	92	6	5	-	-	7-8	9+	2500	1	2	ci rmc	cc mcr	ci rbc	cc mcr
	Mildenhall ...	1007.8	-4	S	3	C	57	92	6	5	1	-	7-8	10	2500	1003.9	-18	S	4	Sp	52	85	6	5	7	-	9	9+	4000	1	*	ci rmc	cc mcr	ci rbc	cc mcr
	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	7-8	2500	1	*	ci rmc	cc mcr	ci rbc	cc mcr
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	*	ci rmc	cc mcr	ci rbc	cc mcr
	Upper Heyford	1007.2	-8	S	4	Sp	54	92	7	6	2	-	9	10	800	1003.7	-10	SSE	4	C	54	85	8	5	7	9	4-6	7-8	1500	1	*	ci rmc	cc mcr	ci rbc	cc mcr
4	Ross-on-Wye ...	1004.2	-10	SSW	4	Sp	56	85	7	5	3	8	4-6	9	1500	1000.4	-26	SSW	5	bc	53	85	7	6	-	3	2-3	2-3	1500	1	*	ci rmc	cc mcr	ci rbc	cc mcr
5	Hartland Point	1002.3	-12	SSW	3	C	57	85	8	8	1	-	7-8	9+	2500	998.6	-6	SSW	5	rr	53	92	6	6	2	-	9	10	1500	1	3	ci rmc	cc mcr	ci rbc	cc mcr
	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	5	7	-	7-8	9+	800	1	*	ci rmc	cc mcr	ci rbc	cc mcr
	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	9+	2500	1	4	ci rmc	cc mcr	ci rbc	cc mcr
	Plymouth ...	1005.9	-8	S	4	Sp	51	92	6	6	2	-	9	10	800	1002.1	-18	SSW	5	Sp	50	87	6	6	2	-	4-6	10	800	1	4	ci rmc	cc mcr	ci rbc	cc mcr
	The Lizard ...	1004.4	-12	SSW	6	Sp	51	92	6	8	2	-	7-8	9+	1500	1000.4	-20	SSW	6	PR	51	92	6	5	-	-	10	10	1500	1	4	ci rmc	cc mcr	ci rbc	cc mcr
	Scilly (St. Mary's)	1002.0	-14	SSW	5	C	54	92	6	5	2	-	7-8	10	1500	998.9	-14	SSW	5	Sp	53	92	6	5	7	-	7-8	9+	1500	1	3	ci rmc	cc mcr	ci rbc	cc mcr
	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	9+	2500	1	3	ci rmc	cc mcr	ci rbc	cc mcr
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	ci rmc	cc mcr	ci rbc	cc mcr
7	Holyhead ...	998.5	-10	S	5	Sp	50	97	6	5	-	-	10	10	450	995.5	-18	SSW	4	Sp	49	97	4	5	-	-	10	10	450	1	3	ci rmc	cc mcr	ci rbc	cc mcr
	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	4-6	1500	1	*	ci rmc	cc mcr	ci rbc	cc mcr
8	Manchester	1002.0	-14	S	4	C	57	85	6	5	7	-	7-8	10	1500	998.8	-18	SSE	3	PR	56	85	6	8	7	-	7-8	9+	1500	1	*	ci rmc	cc mcr	ci rbc	cc mcr
10	Spurn Head ...	1004.1	-4	SSE	4	Sp	50	97	6	5	-	-	10	10	1500	1001.2	-8	S	4	C	51	92	6	5	-	-	9+	9+	2500	1	3	ci rmc	cc mcr	ci rbc	cc mcr
	Catterick ...	1001.2	-14	S	3	C	57	85	5	5	7	-	7-8	10	1500	998.2	-16	SSW	3	Sp	57	85	5	5	7	-	4-6	7-8	1500	1	1	ci rmc	cc mcr	ci rbc	cc mcr
	Tynemouth ...	1001.9	-4	S	4	C	52	85	6	8	-	-	9	9	2500	997.3	-10	SSE	3	C	49	92	5	8	-	-	9+	9+	2500	1	2	ci rmc	cc mcr	ci rbc	cc mcr
11	St. Abbs Head	997.9	-20	SSW	5	C	54	85	8	8	6	-	4-6	7-8	1500	995.2	-2	S	4	C	56	85	8	8	6	-	4-6	9	2500	0	3	ci rmc	cc mcr	ci rbc	cc mcr
	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	9+	1500	1	*	ci rmc	cc mcr	ci rbc	cc mcr
12	Rentrev (Abbots L.)	996.5	-14	SSE	2	rr	54	85	6	5	-	-	9+	9+	1500	993.9	-14	S	3	C	53	85	6	5	-	-	9	9	1500	1	*	ci rmc	cc mcr	ci rbc	cc mcr
	Eskdalemuir ...	998.4	-12	SSW	4	dd	50	97	6	2	-	-	10	10	450	995.6	-10	SSW	6	C	49	97	6	5	-	-	10	10	450	1	*	ci rmc	cc mcr	ci rbc	cc mcr
	Point of Ayre ...	997.5	-8	SSW	5	dd	48	97	6	6	2	-	7-8	10	800	995.2	-10	SSW	5	C	49	97	7	5	5	-	4-6	9+	800	1	3	ci rmc	cc mcr	ci rbc	cc mcr
13A	Tiree ...	990.3	-6	S	6	C	50	92	7	5	-	-	9+	9+	1500	988.5	-6	SSE	4	bc	48	92	7	7	3	-	4-6	4-6	2500	0	3	ci rmc	cc mcr	ci rbc	cc mcr
13B	Stornoway ...	990.6	-12	S	6	Sp	51	85	7	5	7	-	9	9+	2500	990.2	0	SSW	4	C	49	85	7	5	7	-	2-3	1	2500	1	3	ci rmc	cc mcr	ci rbc	cc mcr
15	Dalwhinnie ...	996.3	-12	S	5	C	47	85	5	4	-	-	4-6	10	1500	992.9	-10	S	4	C	48	92	7	4	5	2	4-6	9+	2500	1	*	ci rmc	cc mcr	ci rbc	cc mcr
	Aberdeen ...	998.4	-4	S	4	C	41	97	4	5	7	-	9	9+	450	995.7	-12	SSE	1	ir	47	97	5	6	2	-	7-8	10	800	1	2	ci rmc	cc mcr	ci rbc	cc mcr
	Wick ...	995.9	-10	SSE	6	Sp	43	97	2	-	-	-	10	10	150	993.1	-6	SSE	6	Sp	45	97	5	5	7	8	9	10	800	1	3	ci rmc	cc mcr	ci rbc	cc mcr
16	Lerwick ...	1000.4	-8	SSE	8	Sp	40	92	6	6	2	-	4-6	10	800	997.6	-12	SSE	8	Sp	40	92	6	8	2	-									

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	Freshening southwest to west wind; occasional rain this afternoon, bright intervals and showers later with local hail and thunder; temperature a little below average.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Variable winds finally easterly, fresh; some rain; becoming colder.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	Southeast gale; some rain; cold.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	As 1 - 7.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

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.

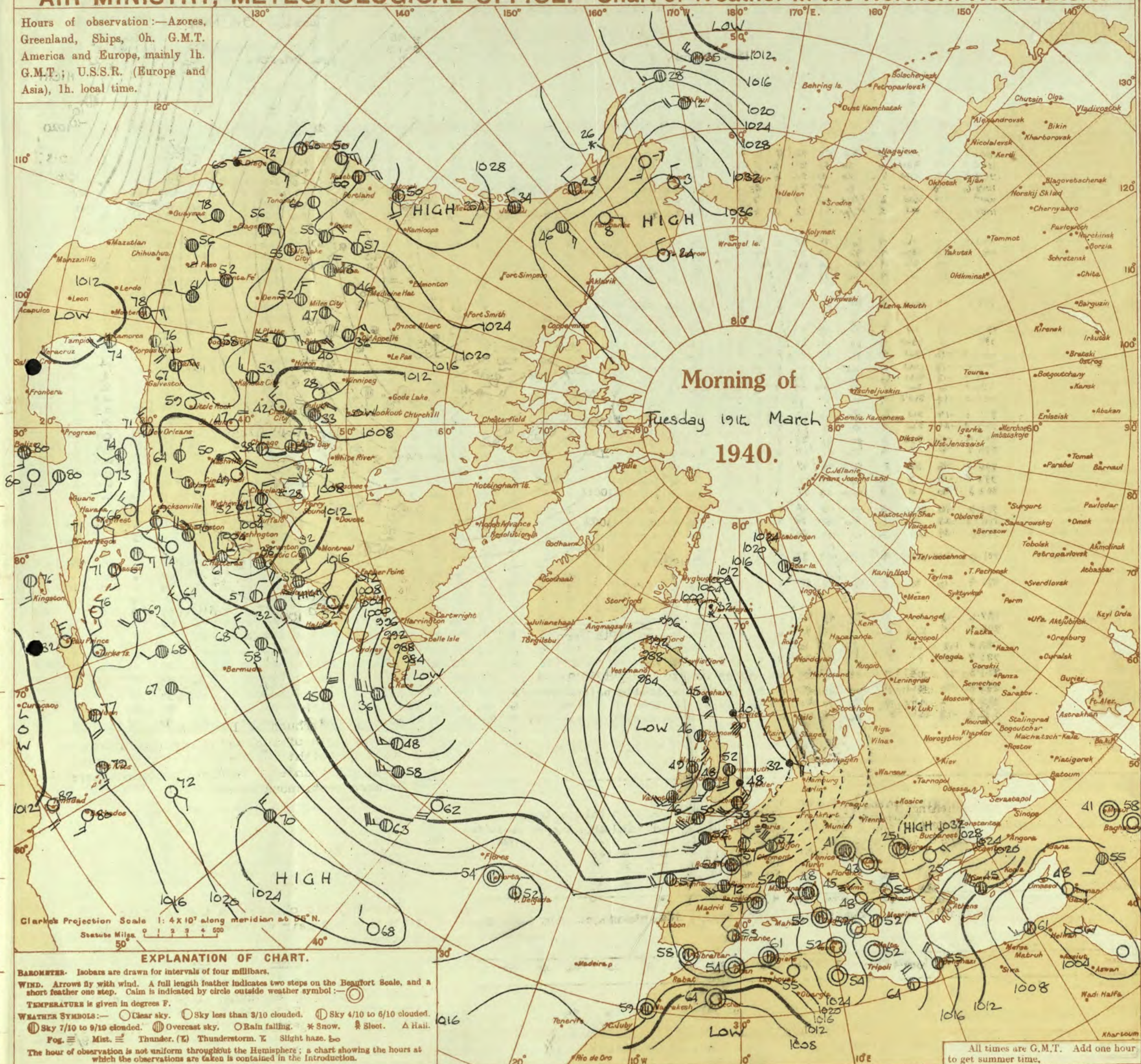
Forecasts issued at 1030 G.M.T.

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

0.476/3853. 14.8109 0.4806 0.4948 15.500 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.



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 19th March 1940.

No 28607.

OBSERVATIONS at 1 hr. G.M.T. 19th March														OBSERVATIONS at 7 hr. G.M.T. 19th 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. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		Sun-shine Hrs. (36)			
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Form. (23)			Amount. (24)	Height of Base. (feet) (25)					Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)								
																														Low. (12)	Total (13)	Low (12)	Total (13)		Low (12)	Total (13)	Low (12)	Total (13)
1	London (Kew) ... 18 Croydon ... 217 S. Farnborough ... 226 Boscombe Down ... 417 Calshot (Stmntn.) ... 8 Lympe ... 346 Manston ... 154	1001.5 1000.7 999.7 1001.6 1004.1 1002.6	-20 -14 -14 -8 -18 -36	SSW SSW SSW SSW SSW SSW	6 6 5 5 2 2	bc zo c c c/r bc/pr	53 52 49 49 48 51	92 85 92 92 97 92	8 6 5 5 8 6	2 5 5 8 9 5	- - - - - -	4-6 9 7-8 7-8 7-8 2-3	4-6 9 1500 1500 1500 2500	997.5 999.1 997.6 997.2 998.8 1001.3 1000.3	-10 -6 -6 0 -2 -2 +6	SW's S SSW SW SW SW SW	5 4 6 5 5 5 4	ro pr bc/r bc/r bc bc bc	50 49 48 46 47 46 48	85 85 85 85 85 97 85	7 7 7 7 7 8 7	5 5 3 5 8 8 8	- - - - - - -	9 9 4-6 4-6 7-8 1 2-3	9 9 1500 1500 1500 4000 1500	1 1 2 1 1 1 1	*	60 61 59 56 55 58 60	49 49 48 45 46 45 47	47 48 45 43 44 44 45	4 4 6 7 5 0.1 2	1 2 3 5 2 6 3	0.2 0.6 0.3 0.0 0.6 1.5 0.7				
2	Shoeburyness ... 11 Felixstowe ... 15 Gorleston ... 5 Mildenhall ... 19 Cranwell ... 240	1001.8 1001.4 999.3 999.6	-14 -20 -22 -26	S SSW SSW S	4 4 4 4	ro c/r c/r zo	46 49 54 52	97 92 85 92	6 5 7 6	5 8 5 5	- - - -	9 9 10 9	9 9 2500 1500	999.8 998.0 997.9 995.9 993.3	-2 -8 -6 -10 -14	SSW SSW S SSW SSW	4 5 5 4 3	bc bc/pr bc c cjp	49 47 46 50 48	92 85 92 85 85	7 7 6 8 7	7 6 5 8 8	4 6 4 9 9	- - - - -	4-6 2-3 4-6 9 9	4000 1500 2500 2500 1500	1 1 1 1 1	*	59 50 55 61 58	49 42 43 49 46	43 39 40 3 42	2 2 3 3 Tr	3 2 0.2 7 3	0.6 0.1 0.5 0.1 0.1			
3	Birmingham ... 535 Upper Heyford ... 408 Ross-on-Wye ... 223	994.9 999.1 999.1	-18 -14 *	SSW SSW SSW	5 4 4	c/r c/r c/r	48 50 50	92 97 97	7 7 7	8 6 6	1 2 -	7-8 7-8 7-8	9 9 1500	991.6 995.8 994.0	-12 -8 -8	SSW SSW SW	3 4 5	c/r c/r c/r	44 47 45	85 85 75	8 7 8	9 8 9	- 4 -	- 9 2-3	7-8 9 9	800 1500 2500	1 1 1	*	59 56 58	44 46 44	39 43 41	Tr 5 1	4 5 9	1.2 * 0.4			
5	Hartland Point ... 209 Bristol ... 209 Portland Bill ... 32 Plymouth ... 82 The Lizard ... 240 Scilly (St. Mary's) ... 163 Guernsey ... 175	994.9 998.1 1000.4 998.8 998.4 996.2 1003.0	-18 -12 -16 -18 -12 -6 -14	SSW SSW SSW SSW SSW SSW SSW	5 4 4 6 6 7 4	c/r bc c zo c c c	48 50 47 49 49 50 51	92 85 92 92 92 85 92	7 5 7 5 7 7 7	8 5 5 5 7 8 8	1 7 - - - - -	7-8 4-6 4-6 10 7-8 4-6 4-6	9 800 2500 2500 1500 1500 2500	991.6 996.1 998.5 998.7 999.3 980.0 1002.6	-14 0 -4 +18 +20 -24 +16	WSW WS WSW WSW WSW WSW WSW	7 4 5 6 6 7 5	c/r c c c/r c/r pr bc/r	44 46 46 44 45 44 46	75 75 75 8 8 7 5	9 8 7 9 9 8 3	8 7 5 7 7 6 3	- - - - - - -	7-8 7-8 7-8 7-8 7-8 4-6 2-3	9 1500 1500 1500 1500 1500 1500	1 1 1 1 1 1 2	5 *	57 56 49 52 52 55 61	42 45 44 44 42 43 46	40 42 4 41 2 * 40	3 11 3 1 2 0.1 0.3	4 8 5 2 3 0.6 8	0.2 0.5 0.1 0.9 0.6 0.0				
6	Pembroke ... 142 Holyhead ... 26 Chester (Sealand) ... 16 Manchester ... 70	993.1 990.4 993.4 994.5	-14 -26 -16 -6	SSW SSW SSE S	6 5 2 3	c/r S pr zo	48 48 51 51	92 92 85 85	6 5 7 6	8 5 3 8	- - - -	9 10 9 4-6	9 450 1500 1500	989.9 987.2 990.1 990.8	-20 -10 -14 -14	SSW SSW S S	7 5 3 4	pr c c zo	44 45 47 47	85 85 65 85	7 8 7 6	8 3 8 8	- 3 3 1	- - - -	9 7-8 4-6 4-6	9 2500 1500 1500	2 1 1 1	4 3 *	50 51 60 61	42 45 47 46	42 43 39 43	2 0.1 0.3 0.4	1 0.5 1 0.4	0.0 0.0 0.6 1.0			
10	Spurn Head ... 29 Catterick ... 175 Tynemouth ... 108	996.4 993.7 993.3	-16 -14 -26	SE S S	5 2 5	ro S c/r	48 51 52	97 97 85	5 6 6	5 8 6	- 3 -	9 9 10	9 2500 1500	992.7 990.2 990.6	-14 -14 -16	SSW SSW SSW	5 2 3	c c c/r	46 46 48	92 92 85	6 7 6	4 8 8	6 3 -	1 7 9	4-6 7-8 9	9 2500 2500	1 1 1	3 *	52 57 57	45 46 47	45 35 44	0.6 0.1 -	2 2 2	0.2 0.0 0.0			
11	St. Abbs Head ... 280 Leuchars ... 36 Renfrew (Abbots I.) ... 19 Eskdalemuir ... 794 Point of Ayre ... 30	991.9 990.8 989.8 994.8 991.0	-16 -22 -24 * -20	SSW E SE * SSW	3 1 2 * 4	rr c/r m * ido	48 47 49 * 48	97 92 85 * 97	7 8 5 * 7	8 5 4 * 8	2 3 5 * 1	- - - - -	7-8 9 9 * 10	1500 2500 1500 * 1500	987.5 986.9 986.8 987.1 986.4	-14 -10 -10 -18 -14	SSE - S SW's SSW	2 0 2 5 4	c c c ido c	46 43 48 44 45	92 92 85 97 97	8 5 6 5 8	8 7 3 2 6	2 7 3 2 -	- - - - -	7-8 9 9 10 4-6	9 4000 1500 220 1500	1 1 1 1 1	2 *	56 65 56 51 53	42 41 46 43 45	42 36 43 43 45	Tr 0.2 1 8 0.5	11 0.2 0.6 5 Tr	* 0.4 0.8 0.0 0.2		
13A	Tiree ... 22	996.4	-10	SE	3	c/r	46	85	8	5	7	-	7-8	9	2500	985.7 984.3 986.4 986.9	+10 -4 -8 -10	WSW S S SE	4 3 3 2	bc pr c ro	44 46 43 43	85 92 92 97	7 8 7 4	5 6 1 5	3 7 - -	4-6 4-6 7-8 10	46 2500 2500 450	0 1 1 2	3 2 *	53 51 49 49	44 45 41 42	44 45 39 39	0.1 2 1 1	5 0.2 2 5	3.0 0.3 0.7 0.0		
15	Dalwhinnie ... 1176 Aberdeen ... 79 Wick ... 81 Lerwick ... 156	989.6 995.4	-12 -4	SE SSE	7 8	ft rr	43 40	97 97	1 6	- 2	- -	10 4-6	10 450	985.8 992.2	-16 -16	SE SE	6 8	c rr	43 40	97 92	5 6	5 2	7 6	- -	- -	7-8 7-8	10 800	1 2	3 *	46 42	42 38	42 38	1 0.5	1 8	0.0 0.0		
17	Blacksod Point ... 18 Malin Head ... 84 Aldergrove ... 268	982.9 983.7 986.3	+12 -12 -18	W S SE	6 5 4	c/r c zo	45 49 48	85 75 85	7 8 6	9 4 7	- 6 8	10 4-6 9	10 5700	989.5 984.9 984.7	+50 +20 0	W W S	6 3 2	c/r c ro	43 44 45	75 85 92	8 8 6	9 8 5	- - -	- - -	7-8 7-8 10	7-8 5700 800	0 0 1	4 2 *	55 59 60	40 35 44	40 37	Tr Tr 0.1	5 1 0.5	1 4.3 5.4			
19	Birr Castle ... 173 Valentia Ohay. ... 30 Roches Point ... 22	986.6 985.9 987.9	-16 -2 -18	SSW SSW SSW	4 4 5	pr W bc	47 46 49	85 85 92	7 7 8	- 9 5	- - -	7-8 10 4-6	1500 1500 1500	990.3 995.7 993.3	+38 +46 +54	WSW WN WNW	3 6 6	rr bc c/r	41 45 41	85 55 97	7 8 7	5 9 6	- - 2	- - -	10 4-6 7-8	10 2500 1500	1 1 1	5 3	61 55 54	38 41 40	37 39 *	0.1 1 0.5	4 6 2	4.3 0.0 *			
LONDON OBSERVATIONS																																					
Day 7h-18h, Kew & Croydon.																																					
9h-18h, Kensington.																																					
9h-21h, other stations except for rainfall which is 9h-18h.																																					
Height above M.S.L. in feet.																																					
Weather																																					
Temperature.																																					
Rainfall.																																					
Sun-shine.																																					
Humidity.																																					
Atmospheric Pollution.																																					
EXPLANATION OF FIGURES, LETTERS, etc.																																					
COLUMNS 2, 16.																																					
The barometric tendency is expressed in tenths of a millibar.																																					
COLUMNS 4, 18.																																					
THE BEAUFORT SCALE OF WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.																																					
COLUMNS 8, 22—Code for surface visibility.																																					
Objects not visible at																																					
0 Dense fog 55 yards.																																					
1 Thick fog 220 "																																					
2 Fog 550 "																																					
3 Moderate fog 1,100 "																																					
4 Mist or haze 1½ miles.																																					
5 Poor visibility 2½ "																																					
6 Moderate " 6½ "																																					
7 Good " 12½ "																																					
8 Very good " 31 "																																					
9 Excellent " beyond 31m.																																					
COLUMNS 30—Code for State of Sea.																																					
0 Calm. 5 Very rough.																																					
1 Smooth. 6 High.																																					
2 Slight. 7 Very high.																																					
3 Moderate. 8 Precipitous.																																					
4 Rough. 9 Confused.																																					
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
Wednesday 20th. March, 1940.
No 28.608.

OBSERVATIONS at 13h. G.M.T. 12th. 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.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	% Humid.	Visibility. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	% Humid.	Visibility. 0-9	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	State of Ground. 0-9	Sea. 0-9	WEATHER.					
				Direc.	Force. 0-12					Low.	Med.	High.	Form.	Amount. 0-10			Height of Base. (feet)	Direc.					Force. 0-12	Low.	Med.	High.	Form.					Amount. 0-10	Height of Base. (feet)	7h.—13h. 19th.	13h.—18h. 19th.	18h.—19h. 20th.	19h.—7h. 20th.
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	*	bcprbc	bcprbc	bcprbc	bbcm.		
	Croydon ...	1001.7	+28	SWW	5	pr	46	85	8	3	-	3	9	9	1500	1005.1	+24	SW'S	4	bc	46	65	8	8	6	-	4-6	4-6	1500	1	*	bcprbc	bcprbc	bcprbc	bbcm.		
	S. Farnborough	1001.1	+26	SW	5	pr	45	85	9	3	3	3	4-6	7-8	1500	1005.3	+22	SWW	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	9	3	3	1-6	7-8	1500	1005.7	+24	SWW	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	9	3	3	4-6	7-8	1500	1006.6	+24	SWW	5	bc	45	85	7	2	4	-	2-3	2-3	2500	1	3	bcprbc	bcprbc	bcprbc	bbcm.		
	Lympne	1002.9	+10	SWW	7	c	47	75	8	8	6	-	7-8	9	1500	1007.1	+30	SW	5	bcpr	48	75	8	3	4	1	2-3	2-3	1500	1	3	bcprbc	bcprbc	bcprbc	bbcm.		
	Manston	1001.0	+12	WSW	7	pr	50	66	8	8	-	-	9+	9+	1500	1005.6	+26	WSW	5	bcpr	43	65	8	8	-	3	2-3	4-6	1500	1	3	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	SWW	7	bcpr	50	65	7	8	6	3	2-3	2-3	1500	1004.4	+38	SW	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	1000	1	*	bcprbc	bcprbc	bcprbc	bbcm.		
	Cranwell	991.7	-6	WSW	5	pr	46	85	8	8	6	3	3	9	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	bcpr	46	65	8	3	-	3	2-3	4-6	2500	1002.5	+12	W'S	5	bcq	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	bcpr	47	75	8	3	-	-	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	1000	1	5	bcprbc	bcprbc	bcprbc	bbcm.		
	Plymouth	1005.6	+24	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	43	75	8	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.		
	Soilly (St. Mary's)	1006.5	+34	W'S	6	bc	48	65	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	bcpr	49	65	7	1	7	-	2-3	2-3	2500	1010.8	+12	W	5	b	47	75	7	-	-	-	0	0	-	1	4	bcprbc	bcprbc	bcprbc	bbcm.		
6	Pembroke ...	1000.0	+36	W'N	8	bcq	46	75	8	3	-	-	4-6	4-6	2500	1002.6	+10	W	7	bcq	45	75	7	8	7	-	4-6	4-6	1500	1	4	bcprbc	bcprbc	bcprbc	bbcm.		
7	Holyhead	993.9	+54	W	5	pr	42	85	6	6	2	-	6	10	1500	997.7	+16	WSW	5	c	44	75	8	5	3	2	4-6	7-8	2500	1	3	bcprbc	bcprbc	bcprbc	bbcm.		
	Chester (Sealand)	993.3	+34	W	6	pr	42	85	7	6	-	-	10	10	800	998.6	+16	SW	3	bc	46	65	8	7	8	4	4-6	4-6	5700	0	*	bcprbc	bcprbc	bcprbc	bbcm.		
8	Manchester	991.8	+12	W'N'N	6	pr	43	85	6	8	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	q	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	8	8	7	-	7-8	9	2500	1	2	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	q	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'N	6	c	42	85	7	8	2	-	7-8	10	2500	0	3	bcprbc	bcprbc	bcprbc	bbcm.		
	Leuchars	985.8	-4	SSW	3	c	53	65	8	8	6	3	7-8	9+	1000	988.5	+30	W'N'N	5	RR	45	85	6	9	2	-	9+	10	1500	1	*	bcprbc	bcprbc	bcprbc	bbcm.		
12	Rentlow (Abbots L.)	987.4	+10	W'N'N	4	rr	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	c	48	85	7	8	-	-	9+	9+	800	992.7	+40	W'N'N	5	rr	39	75	7	-	2	-	10	10	800	1	*	bcprbc	bcprbc	bcprbc	bbcm.		
	Point of Ayre	990.4	+34	NN	7	rr	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'N	3	bc	45	75	8	8	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	ir	43	85	7	8	6	-	7-8	10	2500	990.1	+16	WSW	4	rr	39	65	7	5	7	-	4-6	10	2500	1	*	bcprbc	bcprbc	bcprbc	bbcm.		
	Aberdeen	986.4	-2	SSE	3	z	47	97	5	8	7	-	4-6	9+	2500	987.3	+6	-	0	z	44	97	5	5	-	-	10	10	2500	1	2	bcprbc	bcprbc	bcprbc	bbcm.		
	Wick ...	985.5	+2	SE	2	z	45	97	5	5	6	8	4-6	9+	1500	987.3	+10	W'N'N	4	z	43	92	6	5	7	-	7-8	10	1500	1	3	bcprbc	bcprbc	bcprbc	bbcm.		
16	Lerwick...	988.6	-12	SE	8	pr	41	92	6	6	2	-	4-6	10	800	990.6	+14	SSE	8	c	40	97	6	6	2	-	7-8	10	800	2	*	bcprbc	bcprbc	bcprbc	bbcm.		
17	Blacksod Point...	992.9	+10	W	6	bcq	46	65	8	3	-	-	4-6	4-6	1500	995.3	+14	W	5	bc	44	85	8	3	-	4	2-3	2-3	1500	1	4	bcprbc	bcprbc	bcprbc	bbcm.		
18	Malin Head	989.4	+24	W	4	pr	45	75	8	2	2	-	2-3	9	5700	991.8	+16	W	5	bc	44	75	8	2	-	1	4-6	4-6	5700	0	3	bcprbc	bcprbc	bcprbc	bbcm.		
	Aldergrove	991.2	+38	W'S	4	pr	43	65	8	2	1	-	2-3	9+	2500	994.1	+22	SWW	5	c	44	65	8	8	-	-	9	9	1500	1	*	bcprbc	bcprbc	bcprbc	bbcm.		
19	Birr Castle	996.4	+20	W'N	4	c	48	55	8	8	-	-	7-8	7-8	1500	999.6	+12	W'N	3	c	41	85	8	8	-	-	7-8	7-8	1500	1	*	bcprbc	bcprbc	bcprbc	bbcm.		
20	Valentia Obsy. †	1000.9	+12	W'S	6	bc	46	75	8	8	-	-	2-3	2-3	2500	1003.4	+14	W	5	bcpr	45	85	8	8	4	-	4-6	4-6	2500	1	5	bcprbc	bcprbc	bcprbc	bbcm.		
	Roche Point	1001.3	+26	W'N	6	bc	46	65	9	3	-</																										

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

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

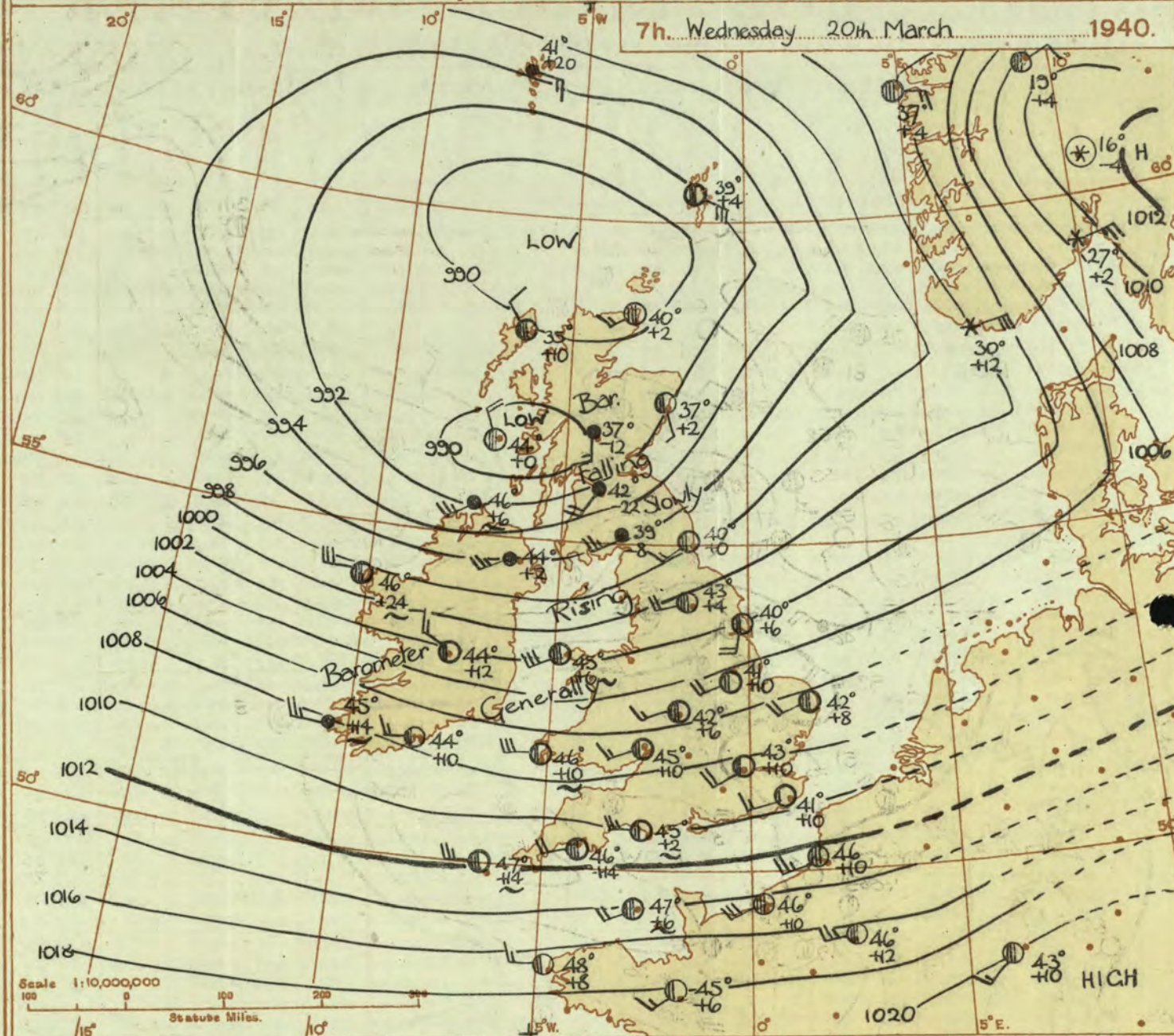
COLUMN 29 — STATE OF GROUND.

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

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

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. B.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	
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.

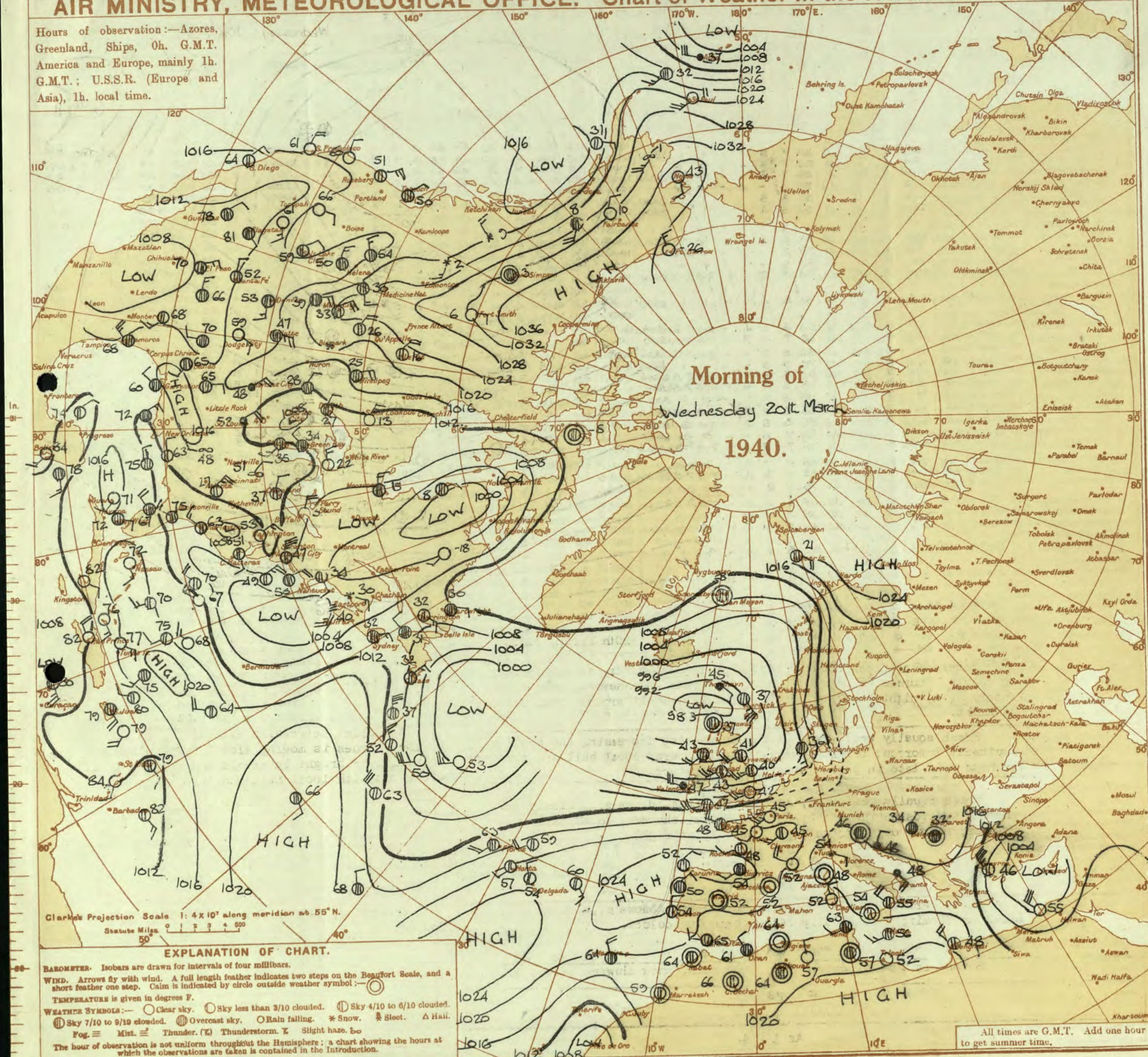
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

G. 476/3655, H. 8109, D. 4626, G. 476, 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.



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. T 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.

BRITISH SECTION

Wednesday, 20th March, 1940.

No. 28,608.

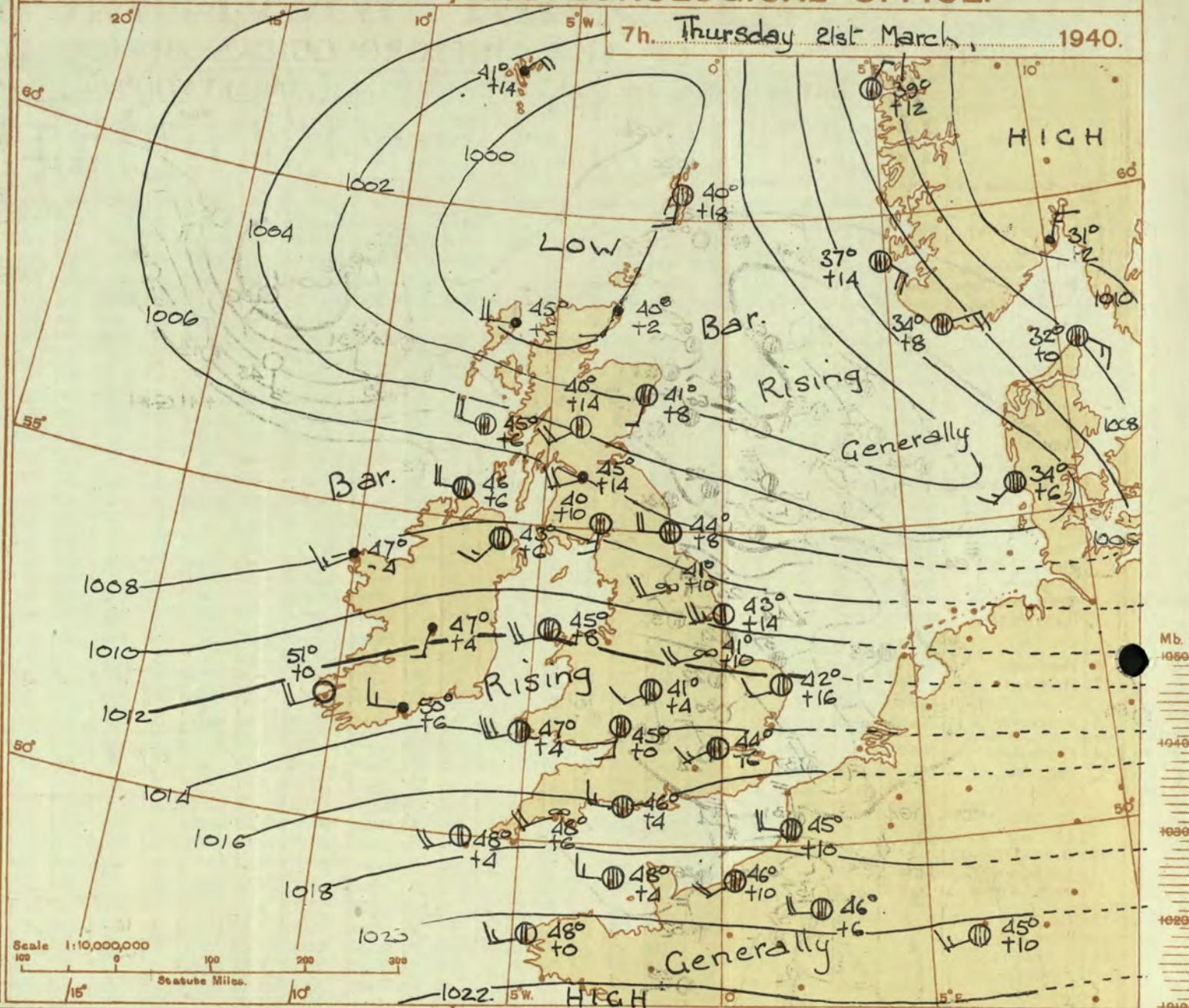
OBSERVATIONS at 1 hr. G.M.T. 20th March														OBSERVATIONS at 7 hr. G.M.T. 20th March														PAST 24 HOURS.								
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE 12th. Hrs.		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount	Height of Base (feet)	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.					
																																0-12	0-12		0-12	0-12
1	London (Kew)	18	1007.4	+	*	*	*	*	*	*	*	*	*	1008.3	+12	SW	4	Z	43	85	6	5	-	-	1-6-4-6	4000	1	*	50	41	37	0.3	Tr	6.8		
	Croydon	217	1007.4	+6	SW	4	b	42	85	7	5	-	-	1	1008.3	+10	SW	4	bc	43	85	8	1	-	-	1-2-3	2500	1	*	51	42	39	3	Tr	5.8	
	S. Farnborough	226	1007.8	+6	SW	4	b	41	85	7	5	-	-	0	1008.6	+6	SW	5	b	42	85	9	-	-	0	1	-	1	*	49	40	36	2	Tr	5.8	
	Boscombe Down	417	1007.7	+10	SW	4	b	41	85	7	5	-	-	Tr	1009.0	+10	SW	4	c	42	85	7	8	-	-	9	9	1500	1	*	48	39	37	4	0.2	5.1
	Calshot (St. Mary's)	8	1008.5	+6	W	4	b	44	85	7	-	-	-	Tr	1009.5	+6	WSW	4	bc	45	85	7	5	3	-	1	4-6	4000	1	3	50	42	39	3	-	7.8
	Lymington	346	1009.3	+10	SW	4	b	41	85	8	5	-	-	1	1010.3	+10	SW	3	b	41	92	7	-	-	0	Tr	-	1	3	50	39	36	1	-	7.0	
	Manston	154	1008.0	+10	WSW	4	b	41	85	8	4	-	-	1	1009.0	+6	SW	4	bc	42	85	7	5	3	-	1	2-3	1500	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	-	-	Tr	1007.0	+6	SW	5	bc	42	85	7	4	-	-	4-6	4-6	4000	1	2	52	41	37	0.1	-	8.6
	Gorleston	5	1004.5	+8	SW	4	bc	41	75	7	-	-	-	0	1006.0	+8	SW	4	c	42	85	7	5	3	-	3	3	2500	1	2	54	40	38	Tr	1	7.3
	Mildenhall	19	1004.4	+6	SW	5	b	41	85	8	-	-	-	0	1008.7	+18	SW	5	c	43	85	7	5	-	-	3	3	4000	1	*	53	41	37	1	Tr	8.8
	Cranwell	240	1002.0	+10	WSW	4	pr	40	85	7	2	-	-	2-3	1003.5	+10	WSW	4	Z	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	-	-	7-8	7-8	1500	1	*	47	39	37	1	0.3	2.4	
	Upper Heyford	408	1005.5	+10	SW	4	b	40	85	8	1	-	-	1	1006.8	+6	SW	4	c	42	85	7	5	-	-	7-8	7-8	1500	1	*	48	39	*	1	1	*
4	Ross-on-Wye	223												1006.7	+10	WSW	3	bc	45	75	8	8	-	-	4-6	4-6	2500	1	*	49	43	37	3	-	4.2	
5	Hartland Point	299	1006.6	+10	W	6	bc	46	85	8	3	4	-	2-3	1009.0	+10	W	5	bc	46	85	8	3	4	-	2-3	4-6	1500	1	4	47	41	40	1	1	5.3
	Bristol	309	1007.0	+18	WSW	4	c	43	85	7	4	7	-	7-8	1007.9	+6	W	5	c	44	85	8	3	-	-	7-8	7-8	1500	1	*	48	42	39	2	0.1	8.1
	Portland Bill	322	1008.3	+16	W	4	bc	45	85	8	2	-	-	4-6	1009.8	+2	W	5	bc	45	92	8	5	-	-	4-6	4-6	4000	1	4	48	40	*	1	1	*
	Plymouth	82	1010.2	+6	W	5	b	46	75	7	5	-	-	1	1012.1	+14	W	5	pr	46	85	6	8	-	-	7-8	7-8	1500	1	3	49	44	41	3	0.5	6.2
	The Lizard	240	1011.1	+10	W	5	bc	46	92	8	8	-	-	2-3	1012.3	+8	W	5	pr	47	85	8	8	2	-	7-8	7-8	2500	1	3	49	44	*	1	1	8.3
	Scilly (St. Mary's)	163	1010.2	+8	W	5	pr	47	85	8	6	-	-	4-6	1011.7	+14	W	5	pr	47	85	8	8	6	-	7-8	9	1500	1	4	50	45	*	2	2	9.0
	Guernsey	175	1012.8	+12	W	5	ir	43	85	6	8	-	-	9	1013.6	+6	SW	4	c	47	85	7	8	4	-	7-8	9	1500	1	4	51	44	40	0.1	3	10.7
6	Pembroke	142	1005.1	+4	W	7	bcq	46	85	8	7	6	-	2-3	1006.6	+10	W	6	bcq	46	85	8	5	7	-	1	2-3	2500	1	4	47	40	*	1	-	5.3
7	Holyhead	26	1000.2	+10	SW	5	c	43	75	8	5	3	-	2-3	1001.3	+6	SW	6	c	45	85	8	5	-	-	3	3	2500	1	4	48	42	39	3	-	3.1
	Chester (Sealand)	16	1001.4	+14	WSW	4	pr	44	75	7	8	-	-	3	1002.4	+4	SW	4	pr	44	75	7	8	3	-	4-6	7-8	2500	1	*	51	34	36	2	Tr	3.7
8	Manchester	70	1001.1	+16	WSW	3	c	41	75	7	5	3	-	7-8	1001.9	+2	SSW	3	Z	42	85	6	5	3	-	4-6	7-8	2500	1	*	50	40	35	3	-	1.8
10	Spurn Head	29	1000.2	+10	SW	5	bc	40	85	7	-	-	-	0	1001.9	+6	SSW	4	bc	40	85	6	-	7	-	0	4-6	-	1	3	52	38	*	3	0.1	2.3
	Catterick	175	998.2	+18	WSW	3	pr	40	85	7	3	3	-	7-8	998.8	+4	WSW	4	c	43	85	7	8	7	-	7-8	9	1500	1	*	52	39	31	0.1	1	2.1
	Tynemouth	108	996.2	+20	WSW	4	bc	41	75	7	2	-	-	2-3	997.4	0	SW	3	bc	40	85	6	8	3	-	4-6	4-6	2500	1	1	53	38	33	0.2	-	*
11	St. Abbs Head	280	992.6	+14	W	5	bc	39	85	8	4	1	-	2-3	993.3	-4	SW	6	bc	38	92	8	6	4	-	4-6	4-6	2500	0	3	(48)	36	*	Tr	11	*
	Leuchars	36	992.5	+10	WSW	4	bc	39	85	8	-	3	1	0	992.5	-2	SW	4	c	41	85	7	5	-	-	7-8	7-8	2500	1	*	54	37	34	4	1	1.8
12	Renfrew (Abbots I.)	19	994.6	+10	SW	3	c	40	85	8	7	-	-	7-8	992.2	-22	SSW	4	RR	42	92	6	6	-	-	10	10	800	1	*	53	36	30	5	3	0.1
	Eekdalemuir	794												994.7	-8	SW	5	ir	39	92	6	-	2	-	10	10	800	1	*	46	35	32	4	2	0.8	
	Point of Ayre	30	997.3	+10	WNW	5	b	41	92	8	2	4	-	Tr	996.7	-8	W	6	ir	44	92	7	8	2	-	7-8	10	2500	1	3	43	40	*	4	0.2	1.0
13A	Tiree	22												986.7	0	NNW	4	c	44	97	7	8	-	-	7-8	7-8	1500	1	3	49	38	*	Tr	6	1.3	
13B	Stornoway	80	990.3	+6	-	0	c	37	92	8	5	7	3	7-8	990.5	+10	NNW	2	c	35	97	8	5	7	4	4-6	7-8	4000	1	0	49	35	*	Tr	4	4.9
15	Dalwhinnie	1176												991.2	-12	S	3	ir	37	85	7	5	6	-	-	7-8	9	1500	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	0.1	7	0.0	
	Wick	81	988.8	+4	WNW	4	rr	39	97	7	5	2	-	9	988.9	+2	SW	3	c	40	92	7	5	2	-	7-8	10	2500	1	2	47	39	*	Tr	11	*
16	Lerwick	156	991.4	-2	SSE	7	rr	37	92	7	8	2	-	7-8	991.9	+4	ESE	6	c	39	85	7	8	7	-	7-8	9	800	1	*	42	36	*	9	3	0.0
17	Blacksod Point	18	996.8	+4	W	6	cq	45	92	8	9	-	-	9	993.8	+24	W	6	cq	46	85	8	9	-	-	10	10	800	1	5	52	40	*	1	4	*
18	Malin Head	84	991.1	-4	SW	4	c	43	85	7	8	-	-	9	991.1	+6	SW	5	ir	46	92	6	6	-	-	9	9	2500	0	4	46	38	*	1	3	2.0
	Aldergrove	208	995.7	-2	SSW	4	c	39	85																											

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET
BRITISH SECTION
Thursday 21st. March. 1940.
No. 28609

OBSERVATIONS at 13h. G.M.T. 20th. March														OBSERVATIONS at 18h. G.M.T. 20th. 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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (11) (12)	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. Low 0-10 Total 0-10 (23) (24)					Height of Base (feet) (28)	7h.-18h. 20th. (37)	18h.-18h. 20th. (38)	18h. to 21st. (39)	1h.-7h. 21st. (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1	London (Kew)...	1009.3	+8	SW	4	bc	52	65	8	7	-	-	4-6 4-6 4000	1009.3	+10	WSW	5	bc	50	55	7	8	-	1 2-3 2-3 2500	1	*	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	

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.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	Moderate southerly or variable wind; cloudy, rain at times; rather cold.
16 Orkneys and Shetlands	
17 N. W. Ireland	
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.

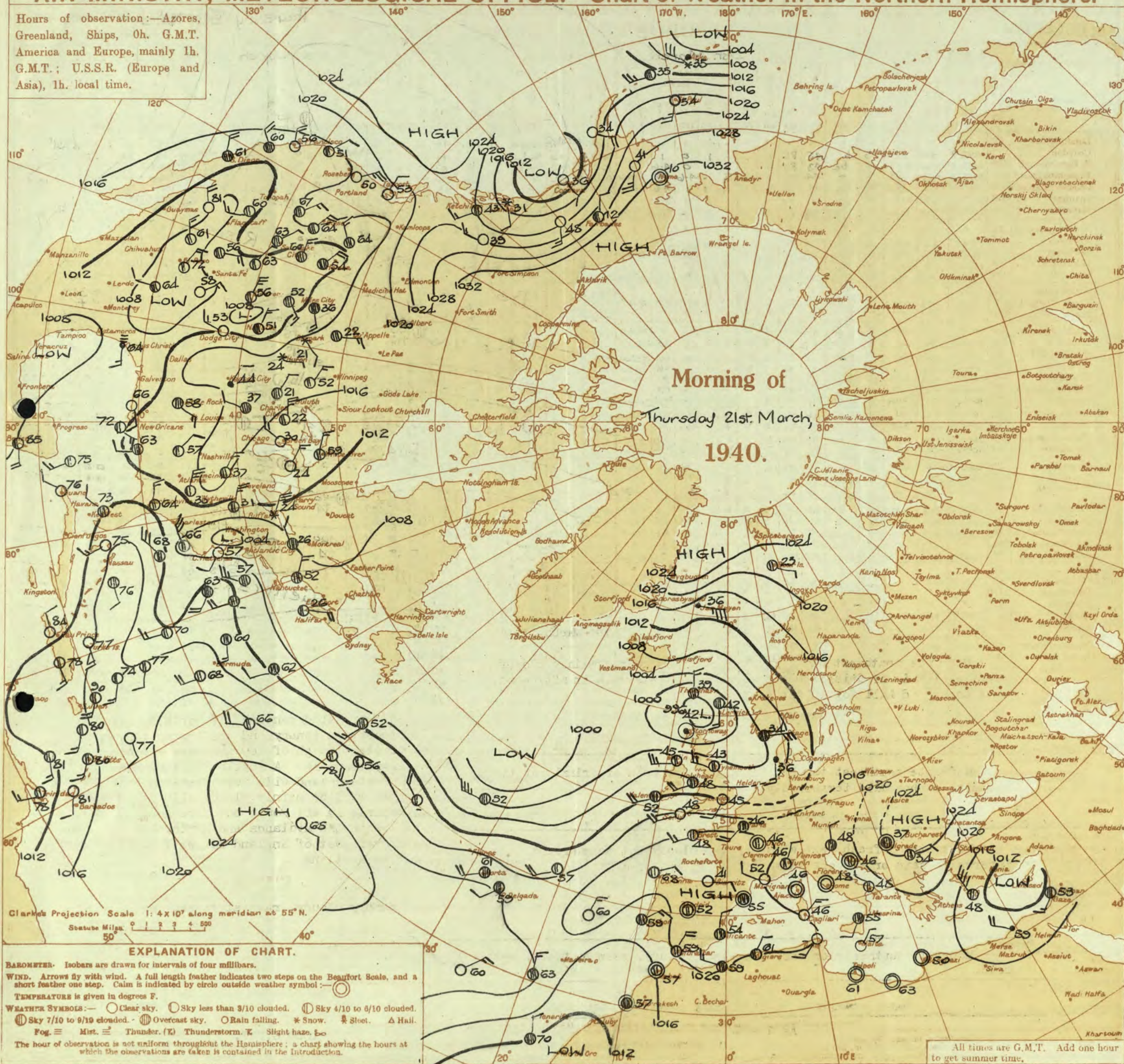
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

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

6476/3633 IN 8409 D=6.6 W=240 18500 34

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

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



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

BRITISH SECTION

Thursday 21st March 1940.

No. 28,609

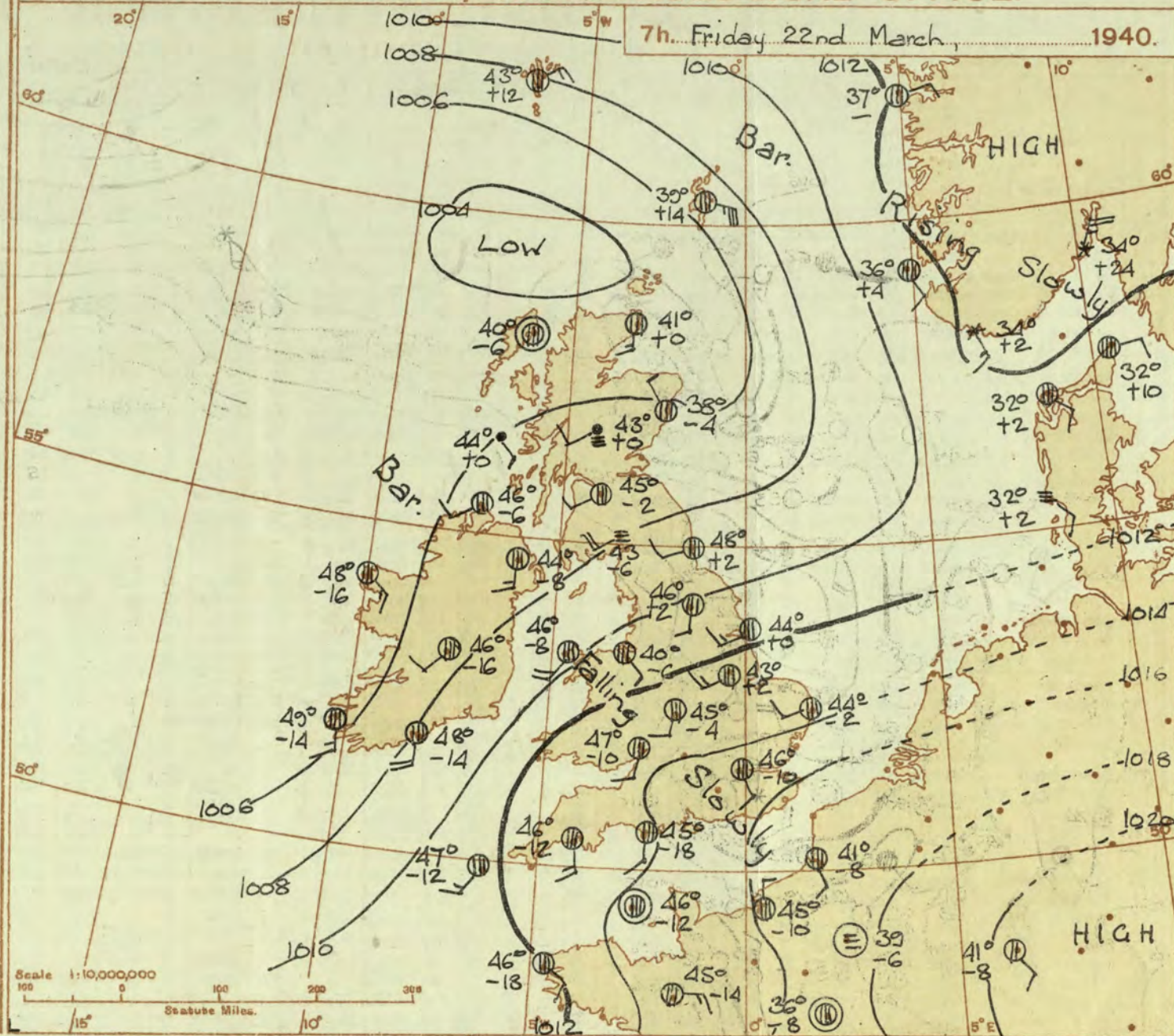
OBSERVATIONS at 1 hr. G.M.T. 21st March														OBSERVATIONS at 7 hr. G.M.T. 21st March														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					Barom. at M.S.L. (29)	Change in 3 hours. (30)	TEMPERATURE.					RAINFALL.		Sun-shine. (36)
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)	Force. (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)							
																																Low. (11)	Med. (12)	High (13)	Low (25)	Med. (26)	High (27)	
1	London (Kew)	18	1012.9	+10	SWW	3	b	45	85	8	-	-	-	-	1015.5	+10	WSW	3	c/pr	44	85	6	5	-	-	94	94	1500	1	55	42	35	-	Tr	9.9			
	Croydon	217	1012.9	+10	SWW	4	bc	43	85	8	-	-	-	-	1014.8	+6	SWW	3	c/pr	44	92	7	5	7	-	7-8	94	4000	1	55	42	38	0.6	Tr	9.0			
	S. Farnborough	226	1013.5	+10	SWW	4	c	44	92	7	8	3	-	4-6	4000	1015.3	+6	SWW	3	c/pr	43	92	6	5	7	-	7-8	94	10	2500	1	56	40	36	0.2	Tr	8.9	
	Boscombe Down	417	1013.9	+12	WS	4	c	44	92	7	8	3	-	4-6	4000	1015.0	+2	SW	3	dado	42	97	5	5	2	-	9	10	800	1	53	40	38	0.5	Tr	5.1		
	Calshot (Stmntn.)	8	1014.2	+10	WSW	3	bc	44	92	7	4	4	1	4-6	5700	1015.8	+2	WSW	3	c	45	97	7	5	7	8	4-6	94	4000	1	52	41	39	0.5	-	7.0		
	Lympe	346	1013.9	+8	WSW	3	bc	41	92	8	-	-	-	4-6	-	1016.0	+10	WSW	3	c	40	92	7	5	7	2	1	7-8	800	1	53	39	35	0.5	-	7.0		
	Manston	154	1012.9	+10	WSW	4	zo	43	85	6	-	-	-	4-6	-	1014.8	+10	SWW	3	bc	41	92	7	5	8	9	Tr	4-6	4000	0	55	39	37	2	Tr	6.9		
2	Shoeburyness	11	1011.0	+2	WSW	5	c	44	85	7	-	-	-	7-8	-	1014.4	+6	SWW	3	bc	43	92	6	7	8	2	4-6	4-6	4000	1	55	41	34	0.1	-	6.5		
	Felixstowe	15	1008.7	+12	WSW	4	c	44	75	7	5	-	-	7-8	2500	1013.6	+14	WS	3	zo	41	92	6	5	4	-	4-6	4-6	4000	1	53	41	40	0.1	-	6.8		
	Gorleston	5	1008.7	+12	WSW	4	c	43	85	8	-	-	-	7-8	-	1012.3	+16	WS	2	bc	42	85	7	5	4	-	2-3	4-6	2500	0	53	41	40	0.2	-	4.4		
	Mildenhall	19	1010.3	+18	WSW	4	c	43	85	8	-	-	-	7-8	-	1012.9	+12	WSW	4	c	42	85	7	-	4	3	0	7-8	-	1	55	40	37	Tr	-	4.1		
	Cranwell	240	1008.7	+18	W	4	c	43	85	7	5	-	-	94	2500	1011.6	+10	WS	4	zo	41	92	6	5	7	-	9	94	4000	1	52	40	40	Tr	-	3.1		
3	Birmingham	535	1012.1	+14	WSW	3	bc	39	92	8	4	-	-	2-3	2-3	2500	1013.5	+4	SW	2	c	41	85	6	5	7	-	4-6	10	1500	1	52	39	36	Tr	-	4.1	
	Upper Heyford	408	1012.1	+14	WSW	3	bc	39	92	8	4	-	-	2-3	2-3	2500	1014.5	+6	SW	2	dado	40	97	4	5	-	-	10	10	450	1	53	33	29	1	0.2	-	
4	Ross-on-Wye	223	1012.1	+14	WSW	3	bc	39	92	8	4	-	-	2-3	2-3	2500	1013.0	0	SSW	2	c	45	85	6	5	1	-	94	10	800	1	52	43	34	2	-	4.0	
5	Hartland Point	299	1014.7	+12	WNW	4	c	46	92	8	5	-	-	9	9	2500	1014.8	+8	W	4	c	47	97	7	5	2	-	7-8	94	1500	1	48	46	43	0.2	0.6	5.0	
	Bristol	209	1013.9	+6	W	4	clr	44	92	7	5	3	-	1	2-3	2500	1014.5	-6	SW	4	dado	47	97	5	5	-	-	10	10	450	1	51	43	38	-	1	8.4	
	Portland Bill	32	1014.8	+12	W	4	c	45	92	8	5	-	-	10	10	4000	1015.7	+4	W	4	c	46	85	8	5	7	-	7-8	10	4000	1	47	43	-	0.2	-	-	
	Plymouth	82	1016.3	+12	W	3	bc	47	85	7	5	-	-	4-6	4-6	2500	1016.9	+6	WSW	4	zo	48	92	6	5	7	-	7-8	7-8	1500	1	52	45	41	0.1	-	4.3	
	The Lizard	240	1017.3	+10	WS	4	bc	47	97	7	8	7	-	7-8	9	1500	1017.9	+4	WS	3	bc	47	97	8	4	-	4-6	4-6	2500	1	52	46	-	0.5	-	5.8		
	Scilly (St. Mary's)	163	1016.6	+2	WS	4	bc	48	97	8	-	-	-	0	0	-	1017.0	+4	WSW	4	bc	48	92	8	2	4	-	1	2-3	2500	1	53	47	-	0.3	-	7.1	
	Guernsey	175	1017.2	+2	WN	3	bc	47	92	8	-	-	-	0	0	-	1018.6	+4	WN	3	c	48	97	7	8	-	-	94	94	1500	1	54	46	41	2	-	-	
6	Pembroke	142	1013.9	+10	W	4	c	46	97	7	8	2	-	7-8	94	1500	1013.1	+4	W	6	c	47	97	6	5	-	-	9	10	800	1	48	45	-	-	1	6.0	
7	Holyhead	26	1010.8	+20	SW	4	c	48	85	8	5	4	-	4-6	4-6	5700	1011.2	+4	WSW	4	c	45	92	8	5	3	-	9	94	2500	1	51	44	41	Tr	-	5.0	
	Chester (Sealand)	16	1010.2	+16	W	4	bc	47	65	8	-	-	-	0	2-3	-	1011.8	+8	SSW	1	c	44	75	6	5	-	-	7-8	7-8	4000	1	53	43	37	Tr	-	8.6	
8	Manchester	70	1009.3	+26	W	5	c	45	75	7	5	3	-	4-6	7-8	4000	1011.3	+8	SW	3	c	43	85	6	5	-	-	9	9	2500	1	51	41	36	Tr	-	0.1	
10	Spurn Head	29	1006.2	+14	WS	5	c	45	85	6	5	-	-	94	94	1500	1009.8	+14	WS	5	bc	43	85	6	5	7	-	2-3	4-6	1500	0	51	34	-	0.6	-	0.5	
	Catterick	175	1006.3	+26	W	1	c	46	85	7	5	3	-	94	94	1500	1008.8	+14	WSW	2	c	43	85	9	5	3	-	4-6	7-8	4000	1	49	42	32	0.1	-	5.3	
	Tynemouth	108	1004.5	+16	W	3	bc	43	85	7	7	3	1	2-3	4-6	2500	1006.3	+8	W	4	c	44	-	6	2	3	1	4-6	7-8	2500	1	50	42	36	1	-	-	
11	St. Abbs Head	280	1003.3	+14	WNW	5	bc	42	75	9	4	6	-	4-6	4-6	2500	1004.9	+4	WN	5	cg	44	85	8	4	6	-	4-6	7-8	2500	0	48	41	-	4	-	-	
	Leuchars	36	1001.8	+16	SW	3	c	41	75	9	5	3	-	4-6	7-8	1000	1003.3	+14	SW	3	b	43	85	7	8	3	-	Tr	Tr	4000	1	51	39	35	2	-	1.4	
12	Benlue (Abbots I.)	19	1004.0	+14	W	4	ir	45	92	6	5	-	-	94	94	1500	1006.6	+14	WS	4	pr	45	85	8	5	3	-	7-8	94	1500	1	52	42	33	4	0.1	5.3	
	Eakdalemuir	794	1007.5	+26	WN	5	c	45	85	8	5	-	-	94	94	2500	1007.2	+10	SSW	3	c	40	92	7	5	-	-	10	10	1500	1	46	37	36	18	0.3	0.0	
	Point of Ayre	30	1007.5	+26	WN	5	c	45	85	8	5	-	-	94	94	2500	1007.4	+10	WN	4	c	44	92	8	8	3	-	4-6	94	2500	1	51	41	-	2	1	-	
13A	Tiree	22	999.4	+4	-	0	ref	42	92	7	5	2	-	7-8	10	2500	999.9	+6	W	4	rr	45	92	7	6	2	-	4-6	10	1500	1	47	40	-	1	5	0.4	
13B	Stornoway	80	999.4	+4	-	0	ref	42	92	7	5	2	-	7-																								

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET
BRITISH SECTION
Friday 22nd March 1940.
No. 28,610

OBSERVATIONS at 13h. G.M.T. 21st March														OBSERVATIONS at 18h. G.M.T. 21st March														PAST 24 HOURS.								
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Sea. 0-9 (29)	WEATHER.							
				Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Direc. (17)					Force 0-12 (18)	Low (23)	Med. (24)	High (25)	Low 0-10 (26)		Total 0-10 (27)	Height of Base. (feet) (28)	7h.-13h. 21st (37)	13h.-18h. 21st (38)	18h.-22nd 21st (39)	1h.-7h. 22nd (40)		
1	London (Kew)...	1015.7	+4	SwW	4	ld	51	85	6	5	1	9	9	2500	1015.7	0	WSW	3	20	53	75	6	8	7	4	4000	1	*	cddcdm	cmo	bcmb	bcmo				
	Croydon ...	1016.1	+2	SwS	3	ld	51	85	6	5	-	-	10	10	800	1015.8	-2	Sw	2	20	54	75	6	5	4	1	9	2500	1	*	ldcmld	cmo	bcmb	cmoc		
	S. Farnborough	1016.1	+2	WSW	4	o/d	51	85	8	5	-	-	10	10	800	1016.2	-2	WSW	4	c	55	75	7	5	3	-	7	4000	1	*	cddcdm	c	cbmooc	cmoc		
	Boscombe Down	1016.5	+8	WSW	4	c	52	85	7	5	7	-	10	1500	1016.4	+2	WN	2	c	52	85	8	8	7	-	7	4000	1	*	cddcm	bc	cmoc	cmoc			
	Calshot (Soton.)	1016.9	+8	SwS	4	c	53	85	7	5	3	-	4	9	1500	1016.8	+2	Sw	4	c	48	92	7	8	7	1	2	4	2500	1	2	cwc	cbc	bmocwc	cmoc	
	Lympne	1016.4	-6	WS	4	c	51	85	8	5	-	-	10	10	1500	1016.4	+4	SwW	3	bc	49	92	8	4	7	4	4	2500	1	3	cddbcc	cddbc	bcwf	bcfcwm		
	Manston	1016.3	+6	WS	4	c	52	85	7	5	7	-	10	1500	1015.6	+4	SwW	3	20	53	85	6	4	3	2	2	1500	0	*	bcdd	cbmo	bcmo	bcwcmo			
2	Shoeburyness ...	1015.5	0	Sw	3	c	52	85	6	5	1	-	9	10	1500	1015.5	0	W	2	bc	53	85	5	7	8	4	4	1500	1	1	cprc	cmo	bcmo	bc		
	Felixstowe	1014.7	0	WS	4	20	50	85	6	5	2	-	9	10	800	1014.5	0	WSW	2	20	53	85	6	5	7	-	4	1500	1	1	czo	cmoc	cmoccm	cmwm		
	Gorleston	1013.5	+4	W	4	c	52	55	7	7	5	-	4	9	2500	1013.6	+2	SE'S	6	20	52	65	7	5	1	-	10	10	2500	0	1	cbccy	*	cprc	cbcc	
	Mildenhall	1014.5	+6	WSW	3	ld	49	85	7	5	2	-	9	10	1500	1013.3	-6	SwW	4	c	54	85	7	8	7	6	7	1500	1	*	cbcc	cddcmo	cbccmo	cmow		
	Cranwell	1013.2	+6	WSW	3	c	50	75	7	8	7	-	7	10	2500	1012.4	-6	W	3	c/pr	52	85	7	8	3	-	4	2500	1	*	cmoc	cmoprc	cbccmo	cbcmobcc		
3	Birmingham	1013.6	+6	W	2	c	52	75	6	5	7	-	7	10	2500	1013.2	+2	WSW	3	c	52	75	8	5	7	-	4	1500	1	*	cd	cpr	cbcc	bcc		
	Upper Heyford	1014.9	0	WSW	4	c	54	97	8	5	5	-	9	10	800	1015.0	+2	WSW	4	c	51	75	8	5	4	4	9	2500	1	*	cddcdm	cprc	bcc	c		
4	Ross-on-Wye	1014.4	+10	WSW	4	c	55	75	8	8	3	-	9	10	2500	1014.9	0	SwW	3	bc	51	75	8	4	3	1	2	2500	1	*	cbcc	c	bcc	c		
5	Hartland Point	1016.7	+6	WSW	4	c	48	92	8	8	4	-	4	9	1500	1015.6	-4	WSW	4	c	48	97	7	8	4	-	4	2500	1	3	cd	cpr	c	c		
	Bristol ...	1017.1	+14	WS	4	o/d	50	92	7	5	-	-	10	10	800	1016.3	0	W	4	bc	49	85	8	8	4	-	2	1500	1	*	cdcdm	cbcc	bcc	c		
	Portland Bill	1016.8	+4	Sw	4	c	47	92	8	5	-	-	7	8	4000	1016.3	-16	Sw	4	bc	46	92	8	5	-	-	4	4000	1	4	cd	bc	bcc	c		
	Plymouth	1018.3	+2	WSW	5	bc	51	85	7	4	-	-	4	4	1500	1017.5	-4	WSW	5	bc	50	85	6	8	-	-	2	1500	1	2	cmobcc	cbcc	bcmo	cbcc		
	The Lizard	1018.7	+4	W	2	bc	52	92	8	8	6	-	4	4	2500	1017.7	-6	W	3	c	49	97	8	8	6	-	7	2500	1	2	cbcc	bcc	cprc	c		
	Scilly (St. Mary's)	1018.3	+2	SwS	3	c	54	85	7	8	4	1	4	9	1500	1016.1	-12	SwS	2	bc	51	92	8	2	4	3	1	1500	1	2	bcc	abc	bccr	cprc		
	Guernsey	1019.3	0	WS	4	c	53	85	7	8	1	-	7	10	1500	1018.5	-4	-	0	c	51	85	7	8	-	-	3	2500	1	3	c	cbcc	c	c		
6	Pembroke	1015.6	+12	WS	5	c	49	97	7	8	6	-	7	10	1500	1014.0	-2	WSW	4	c	48	97	7	8	4	-	2	1500	1	3	c	c	bccw	dcdorac		
7	Holyhead	1012.3	0	SwS	3	ir	48	97	6	6	2	-	9	10	450	1011.4	+2	WS	4	c	49	92	7	8	3	1	9	2500	1	2	cmoc	cmoprc	cbcc	cdcc		
	Chester (Sealand)	1012.6	0	WN	1	c	57	65	8	8	7	-	7	10	1000	1012.4	+4	Sw	4	20	52	85	6	5	7	-	7	1500	1	*	c	cprc	cir,bc	bcc		
8	Manchester	1012.7	+6	WN	4	c/pr	52	65	8	8	7	-	7	10	4000	1011.8	-6	Sw	3	c/r	51	92	5	5	3	-	7	1500	1	*	prc	cmoc	cmoc	cbccmo		
10	Spurn Head	1011.5	+4	WSW	3	c	51	65	5	7	-	-	7	10	1500	1011.3	0	W	2	ir	46	92	4	5	-	-	10	10	2500	1	2	c	opmo	c	c	
	Catterick	1010.5	+6	WSW	3	c	52	65	9	5	5	-	4	9	2500	1010.3	-6	WSW	3	pr	48	92	7	5	7	-	7	1500	1	*	cbcc	depr	cprc	cbcc		
	Tynemouth	1009.5	+8	W	4	c	51	65	7	8	-	-	7	10	2500	1009.7	0	Sw	2	ir	49	75	5	2	-	-	10	10	1500	1	1	cbcc	coir	oprr	c	
11	St. Abbs Head	1006.6	+10	WNW	5	bc	50	55	8	1	-	-	2	3	2500	1007.0	-2	W	4	c	46	85	8	6	-	-	4	2500	0	3	bcc	bc	bccmo	cmof		
	Leuchars	1005.5	+12	W	4	bc	53	65	9	2	-	-	4	4	4000	1006.1	+6	WSW	5	bc	47	85	7	8	-	-	4	4000	1	*	bccv	bcc	bccmo	cmof		
12	Renfrew (Abbots L.)	1008.8	+14	WSW	4	c/pr	49	65	8	7	-	-	4	9	2500	1008.2	-2	W	2	c/r	47	92	6	5	7	-	9	10	1500	1	*	cbcc	cm,Mo	cmofrr	cmofrr	
	Eska Dalemuir	1009.0	+10	WSW	4	c	46	65	7	5	-	-	9	10	1500	1008.6	-4	SwW	3	rr	44	57	6	-	2	-	10	10	220	1	*	cddcc	cddcmr	cmofrr	cmofrr	
	Point of Ayre	1011.1	+10	W	4	rr	47	97	7	6	2	-	2	3	1500	1009.1	-6	W	5	c	51	92	8	8	4	-	4	1500	1	3	crr	cpr	c	c		
13a	Three ...	1006.2	+2	WSW	3	c	51	65	8	5	3	-	4	9	2500	1006.6	0	-	0	cd	45	97	6	-	2	-	10	10	800	1	1	bc	oddm	idoro	ordr	
13b	Stornoway	1002.5	+10	W	5	rr	47	92	7	5	2	-	9	10	1500	1005.0	+16	WNW	3	bc	44	85	8	5	7	4	4	2500	1	1	cro	crobc	bcc	cro		
15	Dalwhinnie	1006.2	+4	Sw	5	ir	48	65	7	8	-	-	9	10	2500	1006.8	+4	Sw	3	c	42	85	7	8	-	-	9	10	2500	1	*	cir	cir	bcc	cir	
	Aberdeen	1004.0	+8	WNW	3	bc	53	55	8	7	-	-	4	4	4000	1004.8	+2	W	3	b	53	65	8	7	4	-	1	4000	0	1	cbcc	cbcc	bcc	bcczo		
	Wick	1001.3	+8	WNW	3	pr	48	85	7	5	7	-	7	10	1500	1003.0	+12	WNW	3	rr	44	97	7	5	2	-	7	1500	1	1	prcc	prcc	rrbcc	cprc		
16	Lerwick	1003.0	+8	SE	4	c	44	85	8	8	7	-	7	10	1500	1003.7	-2	SE'S	5	rr	41	92	7	6	2	-	4	10	800	1	*	c	cro	cmo	crrir	
17	Blackod Point	1009.6	+12	WSW	1	0	51	97	6	-	2	-	0	10	-	1009.5	0	SSW	2	bc	50	97	7	3	-	-	4	4	800	0	3	0	cbcc	cbcc	bcc	0
18	Malin Head	1007.8	0	S	3	rr	48	97	6	8	2	-	4	9	1500	1007.3	+2	W	5	ir>																

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 22nd March, 1940.



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.	As 4 - 8.
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.

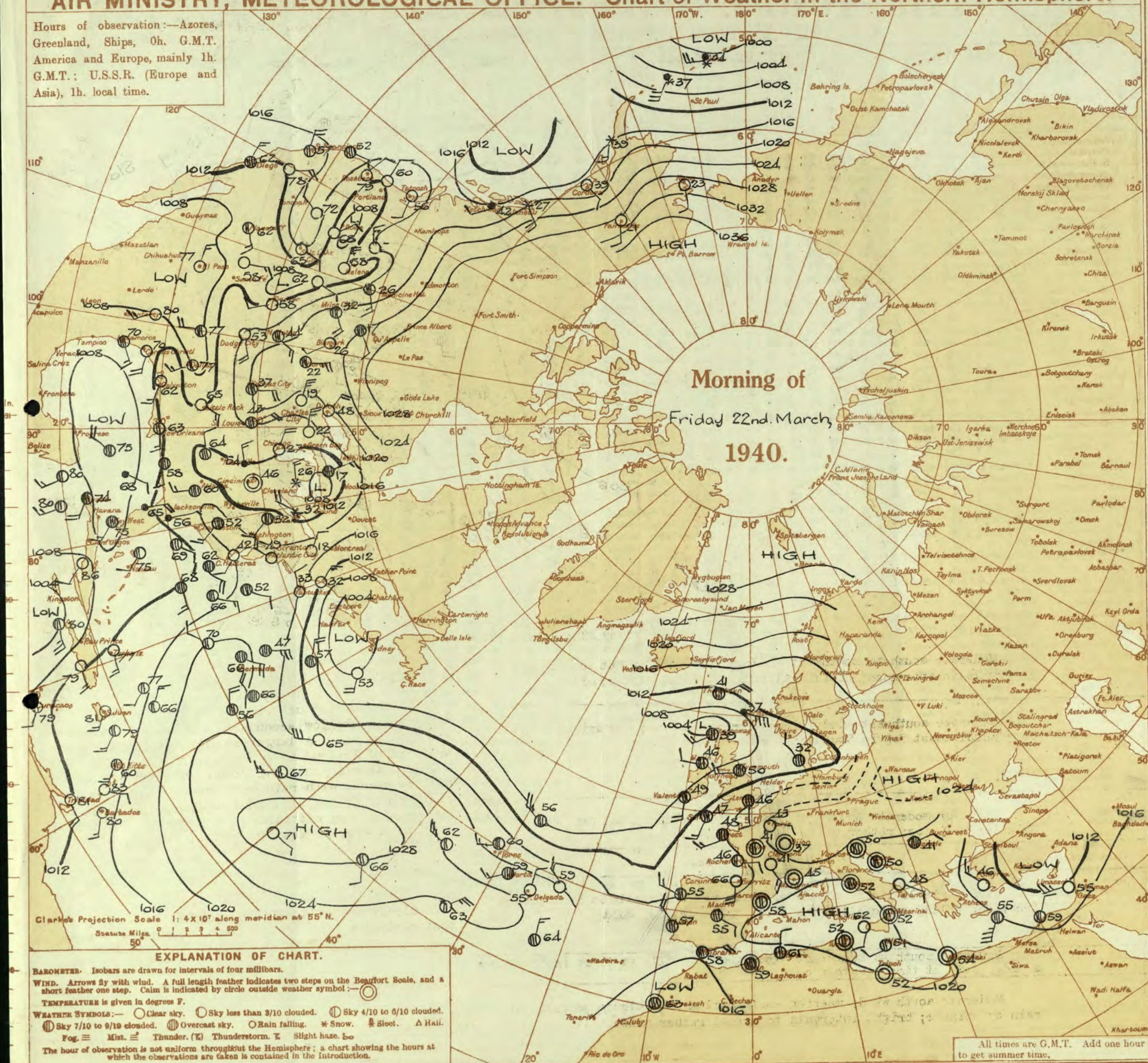
N. K. JOHNSON. D.Sc., A.R.C.S.
Director.

N.H.S.O. Pross, Cornwell House & E.I.

G 475/3835. W 8109. D 4656. B 348. 15500 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.



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION
 Friday, 22nd March, 1940.
 No 28,610

OBSERVATIONS at 1 hr. G.M.T. 22nd March														OBSERVATIONS at 7 hr. G.M.T. 22nd 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. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.				Barom. M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.				RAINFALL.		SON-SHINE 21st Hrs. (36)		
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Direc. (17)			Force. (18)	Form. (23)					Amount. (24)	Height of Base. (feet) (25)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h (34)	Night 18h-7h (35)						
																																Low. (12)	Total (13)	Low (14)		Low (26)	Total (27)	Low (28)	Total (29)
1	London (Kew)	18		*	*	*	*	*	*	*	*	*	*	1014.4	-6	S	2	z	47	75	6	5	-	-	9	9	2500	1	*	54	46	42	0.2	-	0.1		
	Croydon	217	1016.2	-2	S	2	z	46	97	6	5	3	-	7.8	9	2500	1014.6	-10	S/E	1	c	46	92	7	5	-	9	9	2500	1	*	55	44	42	Tr	1.1	
	S. Farnborough	226	1016.3	-4	SSW	2	z	47	92	6	5	-	-	10	10	1500	1014.4	-10	S	2	c	45	85	7	6	-	9	9	4000	1	*	56	45	41	Tr	0.4	
	Boscombe Down	417	1016.3	-4	SSW	2	z	45	97	6	5	-	-	9	9	2500	1014.0	-10	S	2	c/d	45	97	5	5	-	10	10	800	1	*	56	43	39	Tr	0.7	
	Calshot (Stmntn.)	8	1016.7	-2	WSW	3	z	46	97	6	5	-	-	9	9	4000	1014.3	-10	-	0	c/p	44	97	6	8	5	-	4.6	7.8	4000	1	*	54	44	42	Tr	2.6
	Lympe	346	1017.5	0	SWW	3	bef	41	97	5	5	-	-	2.3	2.3	450	1016.1	-6	S/W	1	z	43	97	6	5	7	-	7.8	9	2500	1	*	55	40	35	Tr	1.3
	Manston	154	1017.0	+8	WSW	3	z	44	97	5	5	-	-	6	6	4000	1015.4	-6	SW/S	3	z	44	97	6	5	-	9	9	4000	0	*	56	40	38	Tr	1.5	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1015.1	-2	SSW	2	c	46	92	7	5	-	-	9	9	2500	1	*	56	45	32	Tr	-	0.9		
	Felixstowe	15	1015.1	+2	W/S	4	h	47	85	4	-	-	6	0	7.8	-	1014.4	-6	SWW	2	z	45	97	6	5	-	9	9	2500	1	1	53	40	-	-	3.3	
	Gorleston	5	1013.6	+2	W/S	3	c	49	75	6	5	3	-	4.6	7.8	2500	1013.4	-2	SWW	2	z	44	85	6	-	4	5	0	7.8	-	0	2	53	43	42	Tr	6.0
	Mildenhall	19	1014.3	+2	SW	4	c	46	92	7	-	3	1	0	7.8	-	1013.7	-2	SSW	3	z	45	92	6	5	3	1	4.6	9	4000	1	*	56	42	37	Tr	2.3
	Cranwell	240	1012.7	0	WSW	4	z	46	85	6	5	7	-	4.6	7.8	2500	1012.4	+2	SW	3	c	43	85	7	5	7	6	2.3	9	4000	0	*	52	41	38	Tr	1.5
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1013.0	-4	SSW	2	c	45	85	7	5	-	-	10	10	2500	1	*	58	42	39	Tr	-	0.9		
	Upper Heyford	408	1015.9	+2	WSW	4	c	39	97	8	1	-	-	9	9	2500	1014.2	-6	S/W	2	z	44	97	6	5	2	-	4.6	10	2500	1	*	57	38	31	Tr	-
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1012.9	-10	SW/S	2	c	47	85	8	5	-	-	10	10	2500	1	*	57	45	41	-	-	1.0		
5	Hartland Point	299	1014.8	-6	SW	3	c	48	75	8	5	-	-	9	9	2500	1012.1	-8	S	3	c	45	85	8	8	4	-	7.8	9	2500	1	2	49	44	42	Tr	0.3
	Bristol	209	1016.5	0	SW	3	c	47	85	7	5	-	-	10	10	2500	1013.6	-12	SSE	1	c	46	85	7	5	7	-	9	9	2500	1	*	53	44	35	Tr	1.3
	Portland Bill	32	1016.5	-6	SW	3	c	45	92	7	5	-	-	10	10	4000	1013.2	-18	S	2	c	45	92	7	5	-	10	10	4000	1	3	47	43	-	-	-	
	Plymouth	82	1016.1	-8	SSW	3	c	48	85	8	5	-	-	10	10	4000	1013.0	-12	S	3	c/r	46	92	8	5	3	3	7.8	9	1500	1	2	52	46	43	-	0.1
	The Lizard	240	1015.8	-6	SSW	4	c	47	97	8	8	2	-	7.8	9	1500	1012.4	-10	S/W	3	c	47	92	8	8	6	-	7.8	7.8	2500	1	2	54	45	-	0.5	
	Seilly (St. Mary's)	163	1014.3	-10	SW	3	c/r	47	97	8	8	3	-	4.6	9	1500	1011.3	-12	SSW	3	c	47	92	8	8	7	4	7.8	9	1500	1	2	55	46	-	-	6.9
	Guernsey	175	1017.2	-6	-	0	c	48	92	7	8	-	-	9	9	2500	1014.0	-12	-	0	c	46	92	8	5	1	-	7.8	9	4000	1	3	55	46	40	-	4.5
6	Pembroke	142	1013.9	-4	SW/S	4	c	46	97	7	8	-	-	9	9	1500	1011.4	-16	SSW	4	c	45	97	7	8	-	9	9	1500	1	2	51	49	-	-	1.3	
7	Holyhead	26	1011.9	+2	SSW	4	c	46	92	7	5	-	-	10	10	2500	1009.9	-8	SSW	4	c	46	97	7	5	-	9	9	950	1	2	52	44	41	0.2	1.4	
	Chester (Sealand)	16	1012.7	+4	SW	3	bc	48	75	8	5	7	-	2.3	4.6	4000	1011.5	-8	SE	1	z	40	92	6	5	7	-	4.6	7.8	1500	1	*	57	40	33	Tr	1.6
8	Manchester	70	1012.9	+6	SSW	2	c	48	85	7	5	3	-	7.8	9	2500	1011.7	-10	S/W	3	z	41	92	5	5	3	9	1	9	4000	1	*	53	41	37	Tr	0.8
10	Spurn Head	29	1011.5	0	SW/S	3	c	45	92	6	5	5	-	4.6	7.8	1500	1011.1	0	SW	3	c	44	92	6	7	4	-	4.6	7.8	2500	1	2	51	43	-	0.5	3.7
	Catterick	175	1009.0	-8	W/S	5	c	48	92	8	5	7	-	1	7.8	1500	1009.5	+2	S	1	c	46	85	8	5	9	8	2.3	9	1500	1	*	52	49	39	0.1	3.5
	Tynemouth	108	1009.5	0	W	3	c/r	50	92	6	-	2	-	10	10	1500	1009.3	+2	WSW	2	c	48	85	6	8	-	-	7.8	7.8	2500	1	1	52	46	42	0.2	-
11	St. Abbs Head	280	1008.3	0	W	1	c	46	85	8	5	2	-	7.8	9	2500	1007.3	-4	SW	3	c/r	44	97	7	8	2	-	7.8	10	800	1	2	52	43	-	7	-
	Leuchars	36	1006.9	+2	W	2	z	41	97	6	5	3	-	4.6	7.8	5700	1006.0	-6	-	0	rf	43	97	3	5	-	-	10	10	800	1	*	55	40	35	-	10.3
12	Benfrew (Abbots I.)	19	1008.3	0	WSW	1	rf	45	97	5	-	2	-	10	10	220	1007.4	-2	W/S	1	c	45	92	7	8	-	9	7.8	9	1500	1	*	52	45	-	0.3	3.6
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1007.9	-6	SW	4	c/r	43	97	2	5	-	-	10	10	450	1	1	47	42	41	2	5	-	0.9	
	Point of Ayre	30	1009.7	0	W	4	c	49	92	8	5	-	-	9	9	1500	1008.9	-6	W/S	4	c	46	92	8	8	7	2	7.8	7.8	1500	0	2	53	45	-	-	1.2
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1005.4	0	SE	1	dr	44	97	5	-	2	-	10	10	800	1	1	52	43	-	0.5	9	5.2		
13B	Stornoway	80	1006.1	+4	WSW	3	c	39	92	7	5	7	7	2.3	7.8	2500	1005.4	-6	-	0	c	40	97	8	5	7	-	7.8	9	2500	1	0	49	38	-	4	0.6
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1006.2	-4	NW/N	1	c	38	92	6	5	7	-	2.3	9	4000	1	1	56	37	29	-	-	7.4		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1004.5	0	SSW	3	c/pr	41	85	7	5	7	8	4.6	7.8	1500	1	1	49	36	-	3	1	-		
	Wick	81	1004.5	+4	SW	2	c	39	92	7	5	6	-	4.6	9	1500	1004.5	0	SSW	3	c/pr	41	85	7	5	7	8	4.6	7.8	1500	1	1	49	36	-	3	1
16	Lerwick	150	1005.2	+6	ES	7	rr	37	92	6	6	2	-	4.6	10	800	1007.4	+14	E	7	c/r	39	92	7	6	2	-	7.8	10	800	2	*	(44)	36	-	1	20
17	Blacksod Point	18	1007.9	-10	SSW	3	c	49	92	8	8	-	9	4.6	7.8	800	1004.4	-16	SE</																		

AIR
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THE DAILY WEATHER REPORT

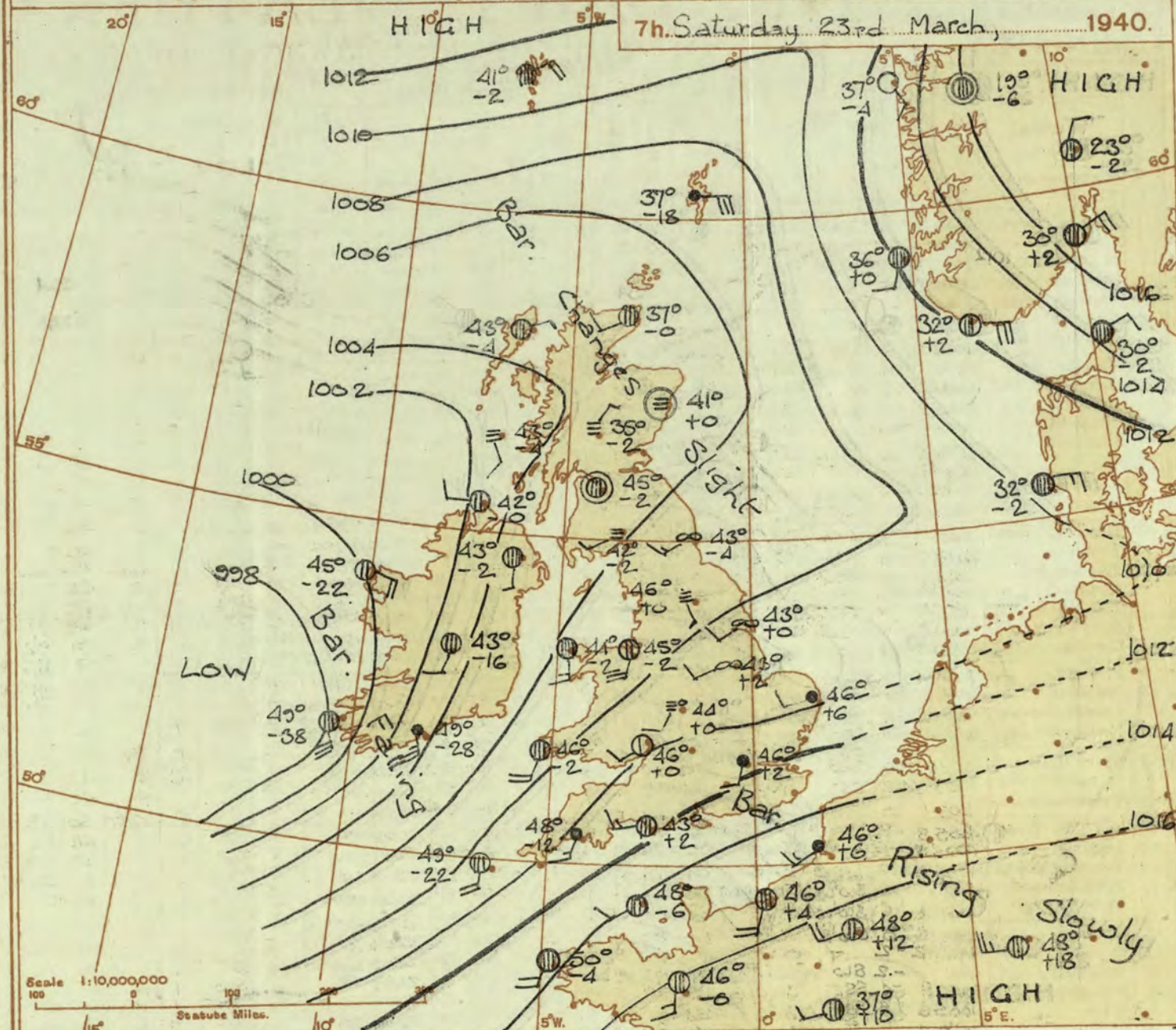
OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET
BRITISH SECTION
Saturday 23rd March 1940.
No. 28,611

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. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.					
				Direc.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Direc.	Force. 0-12 (18)			Form.	Amount. Low 0-10 Total 0-10 (23) (24)					Height of Base. (feet) (25)	7h.—13h. 22nd (37)	13h.—18h. 22nd (38)	18h.—24h. 23rd (39)	1h.—7h. 23rd (40)								
1	London (Kew)...	1012.3	-14	SSW	2	20	50	75	6	S	2	9	10	1500	1010.7	-6	SSW	2	20	50	75	6	S	2	9	10	1500	1	*	Cirrus	cmo	cmo	cmo	cmo	
	Croydon ...	1013.1	-10	SE S	2	0/r	51	85	6	S	2	10	10	1000	1011.6	-6	SE	3	20	40	85	6	S	7	10	1000	1	*	Cirrus	cmo	cmo	cmo	cmo		
	S. Farnborough	1012.7	-10	SW S	3	10	48	85	6	S	2	7-8	10	1500	1010.8	-6	SW S	4	C	50	75	8	S	3	10	1000	1	*	Cirrus	cmo	cmo	cmo	cmo		
	Boscombe Down	1011.9	-16	SW S	4	pr	49	85	6	S	7	9	9	1500	1010.6	0	SW S	3	C	40	75	8	S	6	2	23	9	1500	1	*	Cirrus	cmo	cmo	cmo	cmo
	Calshot (Soton.)	1012.5	-10	SSW	2	C	50	85	8	S	7	9	9	1000	1011.4	-2	SW S	3	C	40	85	8	S	7	7	4-6	9	1000	1	2	Cirrus	cmo	cmo	cmo	cmo
	Lymington	1014.6	-12	WSW	1	C/pr	46	92	8	S	7	7-8	9	1000	1012.7	-3	SSW	1	C	47	92	8	S	7	7	4-6	9	1000	1	3	Cirrus	cmo	cmo	cmo	cmo
	Manston	1013.2	-16	SW	3	10	52	75	7	S	7	7-8	9	1000	1011.2	-10	SW S	2	C	51	75	7	S	2	7-8	9	1000	0	*	Cirrus	cmo	cmo	cmo	cmo	
2	Shoeburyness ...	1013.3	-8	S	2	10	47	97	7	S	2	10	10	1000	1011.6	-8	SSW	1	C	49	92	6	S	2	10	1000	1	*	Cirrus	cmo	cmo	cmo	cmo		
	Felixstowe ...	1013.2	-8	S	2	10	49	85	6	S	2	9	9	1000	1011.2	-10	S	2	20	45	92	7	S	2	10	1000	1	1	Cirrus	cmo	cmo	cmo	cmo		
	Gorleston ...	1012.5	-6	SW S	3	C	54	55	6	S	2	9	9	1500	1011.0	-4	SW	3	C/r	45	85	6	S	2	10	1000	1	2	Cirrus	cmo	cmo	cmo	cmo		
	Mildenhall ...	1012.1	-10	SW	2	C	53	55	8	S	2	10	10	1000	1010.1	-6	SW S	2	10	47	92	6	S	2	10	1000	1	2	Cirrus	cmo	cmo	cmo	cmo		
	Cranwell ...	1010.9	-14	SSW	4	C	53	55	7	S	3	4-6	7-8	2500	1009.4	-6	SW	2	C	48	85	7	S	2	10	1000	0	*	Cirrus	cmo	cmo	cmo	cmo		
3	Birmingham	1010.8	-12	SSW	2	C	49	65	8	S	7	9	10	1500	1009.4	-8	SSW	2	C	40	75	8	S	7	7-8	9	1500	1	*	Cirrus	cmo	cmo	cmo	cmo	
	Upper Heyford	1012.2	-12	SSW	2	10	47	92	6	S	2	9	10	1000	1010.5	-6	SSW	2	C	48	85	7	S	2	10	1000	1	*	Cirrus	cmo	cmo	cmo	cmo		
4	Ross-on-Wye ...	1010.4	-6	WSW	2	C	51	75	3	S	2	9	9	1500	1009.8	-6	SSW	3	C	50	75	8	S	2	10	1000	1	*	Cirrus	cmo	cmo	cmo	cmo		
5	Hartland Point	1010.1	-8	SW	3	C	50	85	8	S	4	4-6	9	1500	1009.0	-4	SW	4	10	48	97	7	S	2	10	1000	1	3	Cirrus	cmo	cmo	cmo	cmo		
	Bristol ...	1011.5	-14	SSW	2	C/r	49	85	8	S	7	7-8	9	1500	1010.4	-2	SW	3	10	48	92	7	S	2	10	1000	1	3	Cirrus	cmo	cmo	cmo	cmo		
	Portland Bill ...	1012.4	-4	SSW	2	C	46	85	8	S	7	7-8	10	1000	1011.1	-6	SW	3	10	46	92	8	S	2	10	1000	1	3	Cirrus	cmo	cmo	cmo	cmo		
	Plymouth ...	1011.7	-8	SW	3	C	49	85	8	S	7	4-6	9	1500	1010.7	-4	SW	4	C/r	49	97	6	S	2	10	1000	1	2	Cirrus	cmo	cmo	cmo	cmo		
	The Lizard ...	1011.4	-4	SW	3	C/pr	50	92	8	S	2	9	10	1500	1011.2	+8	SW	4	C	49	97	8	S	2	10	1000	1	2	Cirrus	cmo	cmo	cmo	cmo		
	Scilly (St. Mary's)	1009.7	-10	SW S	4	10	49	97	6	S	2	7-8	10	1500	1010.4	+6	SW	4	C	51	92	7	S	3	4-6	9	1500	1	2	Cirrus	cmo	cmo	cmo	cmo	
	Guernsey ...	1012.6	-6	WSW	1	C	54	65	8	S	7	2-3	4-6	2500	1012.3	+4	SW	3	C	51	85	8	S	1	7-8	9	1500	1	2	Cirrus	cmo	cmo	cmo	cmo	
6	Pembroke ...	1008.4	-4	SSW	4	C	47	97	7	S	2	7-8	9	1500	1008.1	-4	WSW	3	C	47	97	6	S	2	10	1000	1	2	Cirrus	cmo	cmo	cmo	cmo		
7	Holyhead ...	1008.5	-6	SSW	4	C	49	85	8	S	2	9	9	1500	1006.9	-4	S	3	0/r	47	97	7	S	2	10	1000	1	2	Cirrus	cmo	cmo	cmo	cmo		
	Chester (Sealand)	1009.4	-12	SSE	2	C/pr	54	65	8	S	3	6	9	1500	1008.3	-6	SSE	1	C	50	75	8	S	7	4-6	10	1000	1	*	Cirrus	cmo	cmo	cmo	cmo	
8	Manchester ...	1009.7	-10	SSW	3	C	53	65	7	S	3	7-8	10	2500	1008.5	-2	SW	3	C	47	92	6	S	2	10	1000	1	*	Cirrus	cmo	cmo	cmo	cmo		
10	Spurn Head ...	1010.5	-4	SW	3	C	51	65	6	S	2	9	9	1500	1008.7	-2	SW	3	C	45	85	6	S	2	10	1000	0	1	Cirrus	cmo	cmo	cmo	cmo		
	Catterick ...	1009.3	-8	SSW	2	C/pr	48	92	7	S	7	7-8	9	1500	1007.3	-8	SW	1	C	40	85	8	S	7	7-8	9	1500	1	1	Cirrus	cmo	cmo	cmo	cmo	
	Tynemouth ...	1009.1	0	SW	3	C	53	65	7	S	2	7-8	9	1500	1007.8	-4	SW	2	C/pr	50	75	6	S	2	10	1000	1	1	Cirrus	cmo	cmo	cmo	cmo		
11	St. Abbs Head	1005.8	-8	SW	5	C	50	75	8	S	4	4-6	7-8	2500	1005.9	-4	SW	3	C	48	85	8	S	6	4-6	10	2500	0	2	Cirrus	cmo	cmo	cmo	cmo	
	Leuchars ...	1004.9	-6	SW	3	C	54	75	7	S	7	7-8	9	1500	1004.7	0	SW	3	10	49	85	6	S	2	10	1000	1	*	Cirrus	cmo	cmo	cmo	cmo		
12	Reitrew (Abbots L.)	1006.5	-6	WSW	3	C	54	75	8	S	7	4-6	9	1500	1005.8	-4	WSW	2	pr	40	85	7	S	3	4-6	9	1500	1	*	Cirrus	cmo	cmo	cmo	cmo	
	Eskdalemuir ...	1006.8	-6	SW W	4	C/pr	47	85	6	S	2	9	9	1500	1006.4	-2	SW S	3	pr	43	97	1	S	2	10	1000	1	*	Cirrus	cmo	cmo	cmo	cmo		
	Point of Ayre ...	1007.8	-6	SW W	5	C	54	85	8	S	1	4-6	9	1500	1006.3	-4	SW W	3	C	49	92	7	S	1	4-6	10	1500	0	2	Cirrus	cmo	cmo	cmo	cmo	
13A	Tiree ...	1004.8	0	SW S	3	C	50	85	8	S	3	4-6	7-8	2500	1004.4	-2	S	2	C	48	92	8	S	7	4-6	9	2500	0	1	Cirrus	cmo	cmo	cmo	cmo	
13B	Stornoway ...	1005.2	-2	SW	2	C	45	85	8	S	2	4-6	9	2500	1005.3	0	SE	1	C	44	92	8	S	7	7-8	9	2500	1	1	Cirrus	cmo	cmo	cmo	cmo	
15	Dalwhinnie ...	1005.8	-2	SW	2	10	45	92	7	S	2	4-6	10	2500	1005.4	0	SW	1	C	43	85	7	S	2	10	1000	1	*	Cirrus	cmo	cmo	cmo	cmo		
	Aberdeen ...	1005.5	+6	SSE	3	C/r	46	92	6	S	7	7-8	9	1500	1005.5	+2	SE	2	bc	43	92	8	S	6	2-3	4-6	2500	1	1	Cirrus	cmo	cmo	cmo	cmo	
	Wick ...	1008.4	0	E	6	10	40	92	7	S	2	7-8	10	800	1008.2	0	SE	2	bc	40	92	7	S	2	7-8	10	800	2	*	Cirrus	cmo	cmo	cmo	cmo	
16	Lerwick ...	1008.4	0	E	6	10	40	92	7	S	2	7-8	10	800	1008.2	0	SE	2	bc	40	92	7	S	2	7-8	10	800	2	*	Cirrus	cmo	cmo	cmo	cmo	
17	Blackod Point...	1003.3	-2	S	4	C	52	97	7	S	2	10	10	800	1003.6	+2	S	2	bc	50	85	8	S	4	2-3	4-6	1500	0	2	Cirrus	cmo	cmo	cmo	cmo	
18	Malin Head ...	1004.7	-6	S	2	10	51	85	8	S	2	2-3	9	2500	1003.8	0	E	2	C	48	92	8	S	3	4-6	7-									

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.	
13 { A.W.Scotld. B.N.W.Scot- land.	Wind southeast to east, increasing to fresh or strong; cloudy, rain later; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Wind southeast to east, fresh, becoming variable and finally westerly; dull with rain today, bright intervals tomorrow; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	Wind southwest, strong, gale locally, moderating; bright intervals, showers; average temperature.

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

GENERAL INFERENCE.

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.

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
Saturday 23rd 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. (K) 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.

BRITISH SECTION
Saturday 23rd March, 1940.
N 28611.

OBSERVATIONS at 1 hr. G.M.T. 23rd. March														OBSERVATIONS at 7 hr. G.M.T. 23rd. March														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.			
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																0-12	0-10		0-9	0-9	0-9
1	London (Kew) ... 18	1010.3	-1	SSW	2	*	45	97	6	5	-	10	10	1500	1011.1	+4	SW	2	dr	47	92	6	5	-	10	10	1500	1	*	52	46	40	Tr	0.5	0.0		
	Croydon ... 217	1010.9	-2	SW	2	*	46	97	7	5	7	-	2-3	9	800	1011.4	+2	SW	3	c	47	92	7	5	-	9	9	1500	1	*	52	44	41	Tr	0.5	0.0	
	S. Farnborough ... 226	1010.9	0	SWW	2	*	44	97	6	5	-	-	2-3	2-3	2500	1008.8	+2	SSW	2	z	42	97	6	5	-	1	2-3	4-6	1500	1	*	52	42	35	1	0.1	
	Boscombe Down ... 417	1011.4	+2	SWW	3	*	44	97	6	5	4	-	2-3	4-6	1500	1011.6	+2	SWW	3	z	47	97	6	5	-	-	10	1500	1	1	54	43	42	Tr	0.6	1.2	
	Calshot (Stmntn.) ... 8	1012.2	-4	SWW	1	c	42	97	7	5	7	-	4-6	9	4000	1013.0	+6	SW	2	m	45	97	4	5	-	-	10	10	1500	1	2	52	41	39	0.2	1.3	
	Lympe ... 346	1010.8	-4	WSW	3	z	45	85	6	5	-	-	9	9	4000	1011.4	+6	SWW	3	z	44	97	6	5	3	-	4-6	4-6	4000	0	*	53	43	40	Tr	0.4	0.1
	Manston ... 154	1010.3	-2	SW	2	z	44	97	5	5	-	-	9	9	7200	1010.3	+2	SW	2	z	45	97	5	5	-	-	9	9	2500	1	1	47	43	42	0.3	0.1	
2	Shoeburyness ... 11	1009.6	-6	SW	1	c	45	85	6	5	3	-	4-6	9	2500	1009.8	+6	WSW	2	id	46	92	6	6	-	-	10	10	1500	1	1	54	42	40	0.2	0.3	
	Gorleston ... 5	1009.4	-4	SW	2	rr	46	92	4	5	-	-	10	10	4000	1010.1	+10	SWW	1	z	46	92	6	5	-	8	4-6	7-8	4000	1	*	54	45	44	0.1	0.2	
	Mildenhall ... 19	1008.8	-2	WS	2	z	44	92	6	5	3	6	1	9	4000	1008.8	+2	SWW	2	z	43	97	6	5	3	-	4-6	7-8	4000	0	*	54	42	37	-	1.6	
	Cranwell ... 240	1009.5	0	SSW	2	m	44	97	4	5	3	-	7-8	9	800	1009.5	0	SSW	2	m	44	97	4	5	3	-	7-8	9	800	1	*	50	42	39	2	0.4	0.5
3	Birmingham ... 535	1010.3	-2	SW	2	z	44	97	6	5	2	-	7-8	9	1500	1010.6	+2	SW	3	z	45	97	6	6	7	-	7-8	9	800	1	*	49	42	38	2	0.5	*
	Upper Heyford ... 408	1009.7	0	SW	2	b	46	85	7	8	1	1	1	1	2500	1009.7	0	SW	2	b	46	85	7	8	1	1	1	1	2500	1	*	53	45	39	Tr	1	0.7
4	Ross-on-Wye ... 223	1009.6	-2	WSW	4	f+	47	97	3	-	-	10	10	450	1008.7	-6	S	3	c	47	97	7	5	-	-	9	9	1500	1	3	50	46	45	3	0.2	2.0	
	Hartland Point ... 299	1010.8	+2	SSW	1	z	47	92	6	5	-	-	9	9	1500	1010.5	0	S	3	bc	45	92	7	2	-	-	2-3	2-3	2500	1	*	52	44	40	2	1	0.6
	Bristol ... 209	1011.5	+8	SW	3	c	46	92	7	5	-	-	10	10	4000	1011.1	+2	WSW	3	c	43	92	7	5	-	-	9	9	4000	1	2	47	42	*	0.1	-	
	Portland Bill ... 32	1011.6	+4	SW	4	z	49	97	6	5	-	-	4-6	7-8	450	1010.2	-12	SW	3	dr	48	97	5	8	-	-	9	9	1500	1	3	51	47	44	3	0.1	0.7
	Plymouth ... 82	1011.8	+4	SWW	4	c	49	97	6	5	1	-	4-6	7-8	1500	1009.7	-18	SW	4	c	48	97	6	6	-	-	7-8	7-8	2500	1	2	50	47	*	1	7	0.6
	The Lizard ... 240	1011.0	+4	SW	3	b	49	97	6	5	-	-	0	0	-	1007.4	-22	S	4	c	49	92	7	8	3	-	7-8	10	1500	1	2	53	49	*	2	0.4	2.0
	Scilly (St. Mary's) ... 163	1013.2	+4	WSW	3	gpc	49	97	6	5	-	-	10	10	1500	1013.0	-6	SW	1	c	48	92	7	5	2	-	7-8	9	1500	1	2	56	48	45	Tr	0.3	2.7
	Guernsey ... 175	1008.9	0	WSW	4	c	47	97	5	5	-	-	4-6	7-8	800	1007.5	-2	SSW	4	c	46	92	6	5	-	-	9	9	800	1	3	48	45	*	2	0.1	0.4
6	Pembroke ... 142	1006.8	0	SSW	4	c	46	97	6	5	-	-	10	10	450	1006.2	-2	S	3	gpc	44	97	6	5	-	-	10	10	450	1	2	50	44	43	0.3	Tr	0.5
7	Holyhead ... 26	1007.9	-4	SE	1	z	45	85	6	5	7	-	4-6	4-6	2500	1007.8	-2	SSW	2	bc	45	85	7	7	3	-	1	4-6	2500	1	*	56	43	39	0.1	0.3	2.9
	Chester (Sealand) ... 16	1008.1	-2	S	2	z	46	92	6	5	-	-	9	9	2500	1007.7	-2	S	2	z	45	92	5	5	3	-	9	9	2500	1	*	55	44	40	0.3	1	1.3
8	Manchester ... 70	1008.0	-4	SW	2	o	43	92	5	5	-	-	10	10	800	1008.2	0	SW	2	z	43	97	5	5	5	-	2-3	7-8	800	1	1	53	42	*	-	0.5	0.4
10	Spurn Head ... 29	1007.6	0	rr	0	rr	48	97	6	5	2	-	10	10	1500	1006.8	0	SSW	1	c+	46	97	3	5	-	-	9	9	4000	1	*	51	43	34	0.1	1	0.4
	Catterick ... 175	1008.2	-2	SW	2	c	45	85	6	5	1	-	4-6	10	1500	1007.3	-4	SW	3	z	43	92	5	8	3	-	4-6	7-8	1500	1	1	55	42	40	1	0.4	*
	Tynemouth ... 108	1005.9	0	WSW	3	gpc	45	92	8	8	2	9	10	4000	1006.2	+4	SW	4	c	45	92	8	8	2	-	7-8	9	1500	0	2	50	44	*	-	0.3	*	
11	St. Abbs Head ... 280	1005.1	0	0	0	z	44	92	5	5	3	-	2-3	7-8	4000	1004.8	+2	0	in	41	97	5	5	-	-	10	10	450	1	*	55	40	34	2	0.2	0.6	
12	Leuchars ... 36	1005.5	-6	0	0	z	47	97	6	5	-	-	10	10	800	1005.3	-2	0	gpc	43	97	6	5	7	8	9	10	1500	1	*	54	45	44	Tr	3	0.8	
	Renfrew (Abbots I.) ... 19	1005.3	-2	SW	1	F	42	97	1	-	-	-	10	10	450	1005.3	-2	SW	1	F	42	97	1	-	-	-	10	10	450	1	*	47	(42)	41	1	3	0.2
	Eskdalemuir ... 794	1005.6	-2	SW	1	c	45	97	7	5	-	-	7-8	7-8	1500	1005.6	-2	SE	2	b	42	97	8	2	-	-	Tr	Tr	4000	1	1	55	41	*	Tr	Tr	1.7
	Point of Ayre ... 30	1003.1	-4	SSE	2	F	43	75	1	-	-	-	10	10	2150	1004.9	-4	ENE	1	gpc	43	97	8	5	7	-	7-8	9	2500	1	2	52	43	*	1	2	0.4
13A	Tiree ... 22	1005.5	0	0	0	c	43	92	8	5	7	-	7-8	9	2500	1004.9	-4	ENE	1	gpc	43	97	8	5	7	-	7-8	9	2500	1	1	47	42	*	-	0.1	0.6
13B	Stornoway ... 80	1005.2	0	0	0	c	41	97	2	5	-	-	10	10	450	1005.2	0	0	gpc	41	97	2	5	-	-	10	10	450	1	1	47	40	40	0.3			

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

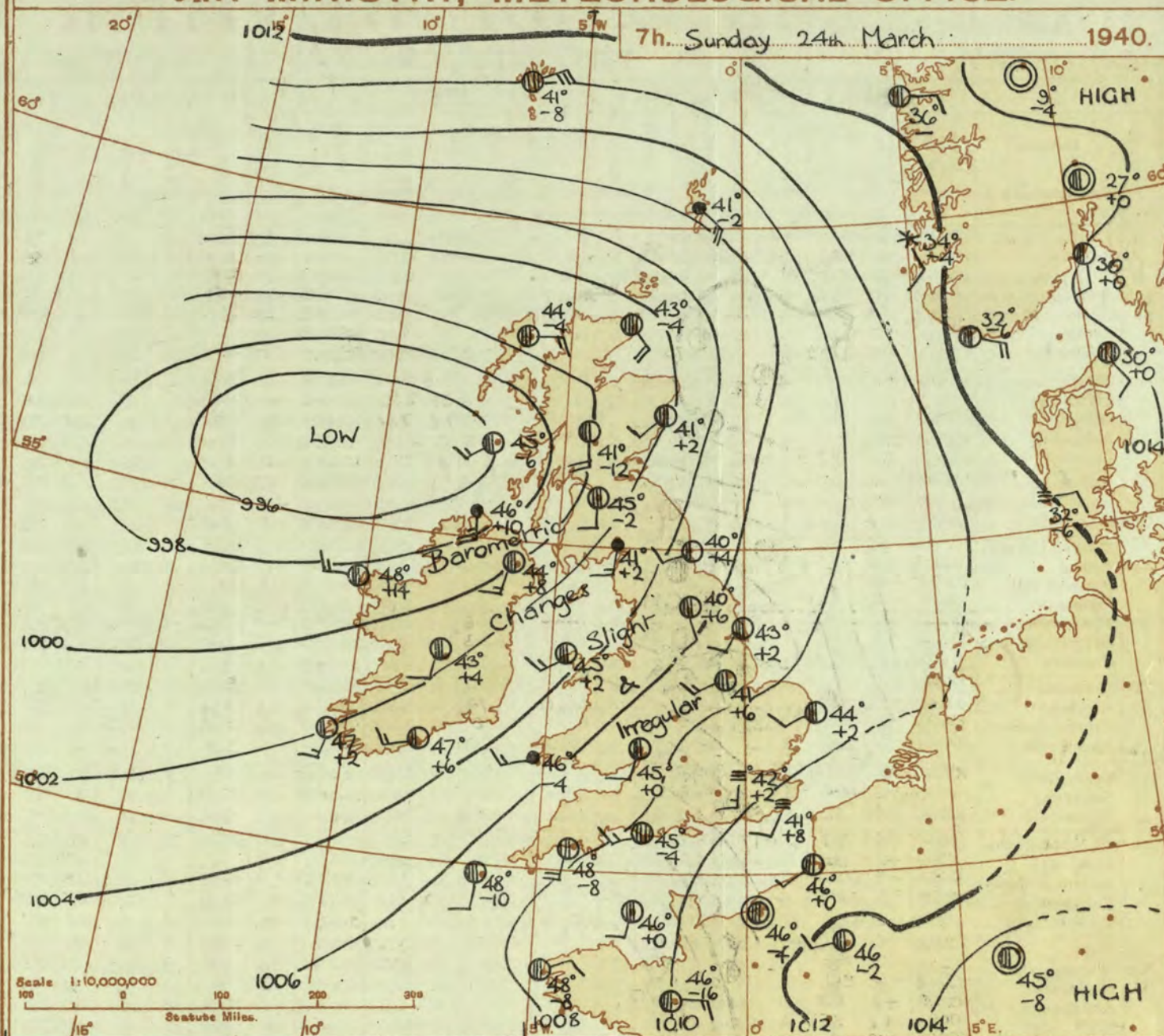
SECRET

BRITISH SECTION
Sunday 24th March 1940.
No 28612

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.					
				Dir.	Force. 0-12 (4)					Low.	Med.	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Dir.					Force 0-12 (17)	Low.	Med.	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 23rd (37)	13h.—18h. 23rd (38)	18h.—24h. 24th (39)	1h.—7h. 24th (40)
1	London (Kew)...	1010.8	-6	SSW	4	c	54	75	8	8	-	3+	3+	1500	1009.6	-12	SSW	4	in	52	75	7	8	2	-	7.8	10	1500	1	*	cbccmc	ccir	cirrc	cbccm	
	Croydon ...	1011.3	-6	SSW	4	c	53	85	8	6	-	3+	3+	1500	1010.1	-6	SE	2	pr	52	85	7	8	7	-	4.6	9+	1500	1	*	cm.cpr	cpr	prrc	cbbcc	
	S. Farnborough	1011.1	-8	SW	4	c	54	75	8	8	3	2	4-6	3+	2500	1009.8	-2	SW	3	rr	49	85	6	6	2	-	4.6	10	800	1	*	bcm.cpr	pr.m.cpr	pr.m.cpr	bcm.cpr
	Boscombe Down	1010.4	-16	SSW	5	pr	52	85	8	5	7	-	7-8	3	1500	1008.3	-6	S	5	rr	47	97	5	-	2	-	10	10	220	1	*	cpr	cpr	cpr	cpr
	Calshot (Soton.)	1011.7	-6	SSW	4	z	49	85	6	5	7	4	3	10	1500	1009.3	-12	S	4	rr	47	97	6	5	2	-	4.6	10	1500	1	3	fprbcm	ccrrm	omrffc	pfidm
	Lympe	1013.3	-2	SSW	4	c	52	85	6	5	-	2	3	3+	450	1012.3	-4	SSW	2	bc	48	85	8	2	7	1	4.6	4000	1	2	omfpr	cm.c	bcprmd	omfpr	
	Manston	1012.5	+4	SW	5	c	54	75	7	5	7	-	7-8	7-8	1500	1011.1	-6	SW	3	bc	51	85	7	5	7	2	2.3	4.6	1500	0	*	bcm.c	cbc	iridcm	cm.bcm
2	Shoeburyness ...	1011.6	-4	SSW	4	c	55	65	8	8	-	4-6	7-8	4000	1010.9	-6	SW	2	bc	51	75	7	4	7	9	2.3	4.6	5700	1	1	cbcm.c	cbc	cir	cbcm	
	Felixstowe ...	1011.2	+2	WS	3	z	54	75	7	8	-	-	7-8	3+	2500	1010.2	-4	SW	5	50	85	6	5	8	2	3	9	4000	1	1	cm.	c	cir	bcdf	
	Gorleston ...	1010.2	+4	SW	4	c	54	65	6	5	-	-	7-8	7-8	2500	1009.9	-2	S	2	c	54	65	6	5	5	-	4.6	9	2500	0	1	oid.bcc	c	cpr	c
	Mildenhall ...	1009.9	-2	SW	4	c	57	65	8	8	-	1	7-8	3	4000	1008.8	-2	SSW	3	c	54	75	7	6	7	6	4.6	3+	4000	1	*	c	ccir	cir	cm.w
	Cranwell ...	1008.7	-2	SW	4	c	57	55	8	2	-	6	2-3	7-8	2500	1007.0	-6	SW	3	51	75	7	8	7	-	2.3	3+	4000	0	*	bcz.bgy	cpr	prbcm	cbcm	
3	Birmingham	1008.4	-6	SSW	3	c	53	55	8	7	6	7-8	9+	2500	1006.6	-2	SSE	3	pr	48	85	6	5	2	-	9	10	800	1	*	cbc	prc	so	ocm	
	Upper Heyford	1010.0	-10	SSW	4	pr	53	75	7	4	-	3	3+	800	1008.8	-6	S	4	ir	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
5	Hartland Point	1005.3	-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	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	bcc	c	
	Portland Bill ...	1010.4	-8	S	3	c	47	92	7	5	-	-	3	3	4000	1007.6	-14	SSW	3	c	46	92	7	5	-	-	10	10	2500	1	3	c	c	c	c
	Plymouth ...	1008.1	-16	S	5	id	49	92	5	6	2	-	9	10	800	1008.3	-12	WS	3	c	51	75	8	2	-	3	4.6	7-8	1500	1	3	cm.iD	cir	cbccm	cm.
	The Lizard	1007.5	-10	WS	5	bc	51	97	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	bccl	cn	
	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	4.6	4.6	4000	1	3	cmrbc	bc	bccl	bccl
	Guernsey	1011.2	-14	SW	2	c	52	85	7	5	2	-	4-6	3+	4000	1009.5	+4	W	3	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	firmoc	cbc	cn	irm.c	
7	Holyhead ...	1004.0	-22	SSE	5	c	51	85	8	2	-	7-8	10	2500	1002.6	+2	SW	4	b	48	85	7	5	-	-	1.4	1.4	4000	1	3	dfpr	erib	bc	bccl	
	Chester (Sealand)	1007.0	-10	SSE	5	c	54	65	8	8	-	10	10	2500	1004.9	-4	SSE	2	bc	52	75	7	8	-	-	2.3	2.3	4000	1	*	bcyrm	czprb	bccl	cm.w	
8	Manchester ...	1007.2	-6	SSW	3	c	58	45	8	7	6	2-3	7-8	4000	1005.1	-6	SE	3	ir	50	85	6	6	1	-	7-8	3+	2500	1	*	cm.bcz	cymr	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	rrc	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	3+	2500	1	1	cfmc	ccz	zccm	bcmm	
	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	cpr	zccm	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	3+	1500	0	2	c	c	cbc	cbc
	Leuchars ...	1005.1	+2	NE	2	z	48	92	6	5	-	3+	3+	1500	1003.8	-6	SE	1	c	47	85	7	4	7	-	4.6	3+	4000	1	*	pr.c	cmr	cmr	cmr	
12	Bentley (Abbots I.)	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	cpr	cmr	cmr	
	Eskdalemuir ...	1005.9	+2	WSW	4	c	43	97	3	-	-	10	10	1500	1003.6	-12	NE	1	z	44	92	7	6	2	-	7-8	10	1500	1	*	Ffd.d	clife	rrc	cmr	
	Point of Ayre ...	1004.9	-6	SSW	5	c	49	92	7	8	6	4-6	3+	800	1002.2	-10	SW	4	c	46	97	7	8	-	-	7-8	7-8	800	1	2	c	rrc	bcb	bprc	
13A	Tiree ...	1002.3	0	S	3	0	46	92	6	5	-	10	10	1500	1000.1	-8	SSE	4	0	41	92	7	5	-	-	10	10	1500	0	4	cm	co	odr	orinc	
13B	Stornoway ...	1004.3	-2	NE	2	c	47	85	8	5	7	-	7-8	3	2500	1003.4	-6	NE	3	bc	44	92	8	5	4	-	1	2.3	2500	1	2	c	cbc	c	cir
15	Dalwhinnie ...	1004.8	-6	SW	2	ir	46	75	7	8	-	3+	3+	2500	1003.9	-2	S	3	c	44	85	7	6	8	8	4.6	10	2500	0	*	cir	c	*	cir	
	Aberdeen ...	1005.9	+2	ESE	2	0	41	97	5	5	-	10	10	450	1004.9	-4	ESE	2	c	43	97	6	5	-	9	3+	3+	4000	1	1	off.ir	omffc	cm.	cm.	
	Wick ...	1005.4	+2	SE	2	c	44	92	6	5	3	-	4-6	3+	2500	1004.5	-6	SE	3	c	42	97	7	5	1	-	7-8	10	1500	1	1	cm.c	m.c	ifm	cm.m
16	Lerwick ...	1006.5	+18	E	7	c	40	92	7	8	2	-	7-8	10	800	1007.1	+6	SSE	4	c	42	92	7	8	7	-	7-8	3+	800	1	*	cirrr	crs	cid	cid
17	Blackod Point...	996.1	-30	SE	3	c	49	92	7	5	-	10	10	450	994.5	+6	S	4	RR	46	92	6	-	-	-	10	10	450	1	3	c	rd	prc	prc	
18	Malin Head ...	1001.1	-8	ESE	3	c	50	75	8</																										

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	Wind southeast, veering south moderate; dull with occasional rain and much hill fog at first; improving later; rather cold, becoming milder.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind southeast, moderate to fresh; dull, with occasional rain; rather cold.
14 Mid Scotland	
15 N. E. Scotland	Wind between southwest and west, light to moderate; occasional showers and bright intervals; mild.
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.

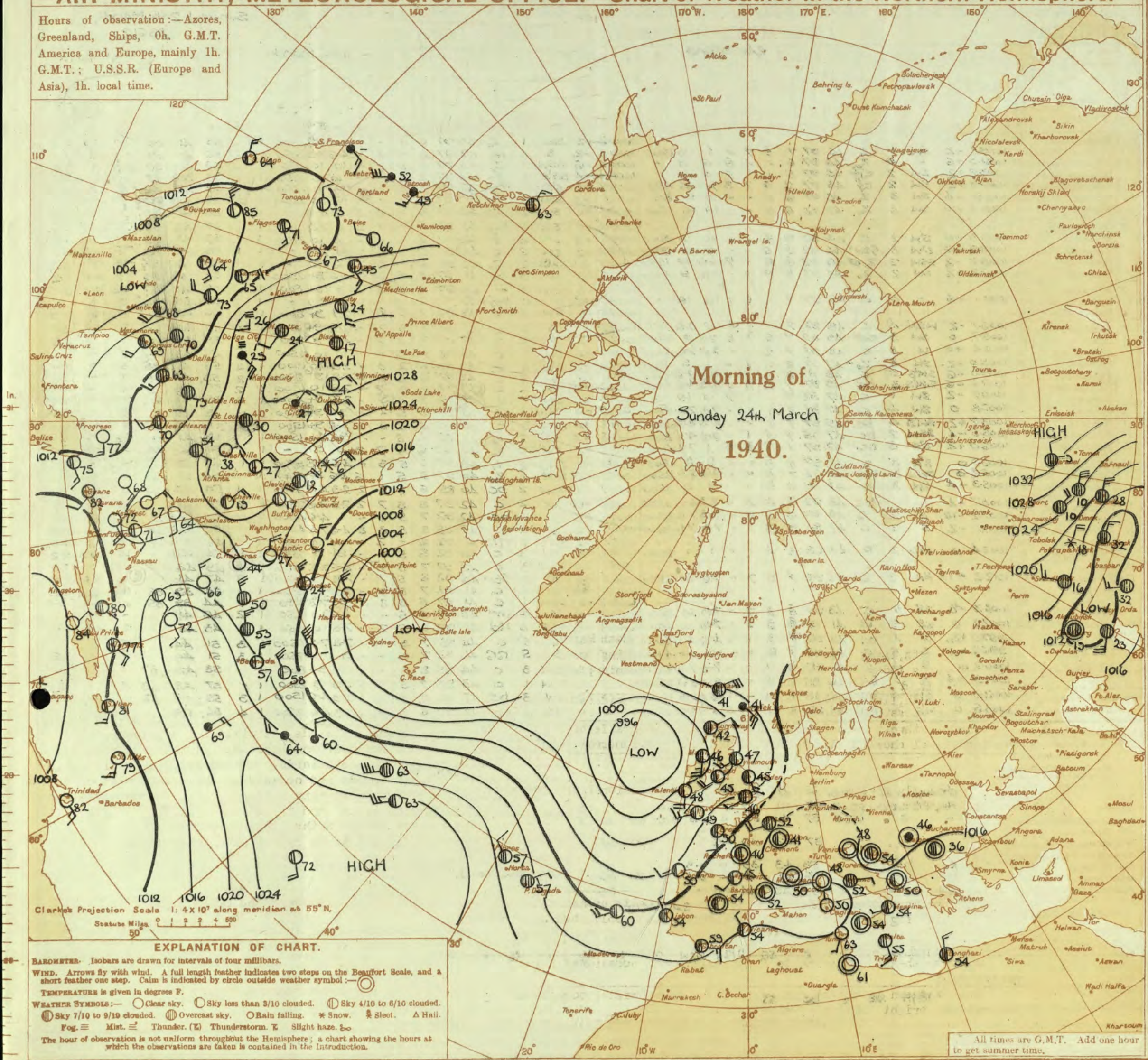
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

G 476/3423, H.M.S.O. 44626, 44627, 44628, 44629, 44630, 44631

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 24th March, 1940.
No 28612.

OBSERVATIONS at 1 hr. G.M.T. 24th March														OBSERVATIONS at 7 hr. G.M.T. 24th 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. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUN- SHINE Hrs. (36)			
					Direc. (3)	Force. (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Low. (23)					Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)			Height of Base (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)		Night 18h-7h mm. (35)		
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Stmntn.) ... Lympe ... Manston ...	18 217 226 417 8 346 154	1009.5 1009.3 1009.3 1009.2 1009.3 1010.9 1009.4	+2 +6 +6 +2 +2 -4 -10	SW SW SW SW SW SW SW	1 0 2 2 2 3 3	C Z Z C Z Z Z	46 44 43 43 43 45 47	97 97 97 97 97 97 92	7 6 5 5 5 6 6	5 - - - - - -	7 4 6 7 7 - -	1 0 0 8 7.8 10 10	6 10 10 94 10 10 1500	1009.2 1009.3 1009.3 1008.4 1009.2 1011.2 1009.4	+2 +2 +6 -4 +2 +8 +2	SSW S SSW SE SE SSW SW	1 3 1 2 2 1 2	Z Z Z Z Z Z Z	43 42 43 44 45 41 42	97 97 97 97 97 97 97	6 5 6 2 2 1 5	5 4 5 5 5 1 3	- - - - - - -	10 10 10 10 10 10 4	1500 1500 1500 1500 1500 1500 1500	1 1 1 1 1 2 0	55 56 56 53 53 52 56	41 41 41 39 42 40 41	30 39 36 37 42 39 36	Tr 0.1 0.3 2 3 Tr Tr	0.3 2 1 1 3 1 -	3.2 4.0 3.8 2.6 0.9 1.9 4.2					
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	11 15 5 19 240	1009.3 1008.9 1008.9 1008.2 1007.2	-6 -6 -6 -2 +2	SW SW SW SSW SW	2 3 2 2 2	C C C Z Z	44 44 46 46 44	92 85 92 92 92	8 6 6 6 6	5 5 5 5 5	5 - - - -	10 9 4 7 2	10 9 4 9 9	1500 2500 1500 4000 4000	1009.4 1009.1 1008.6 1008.2 1007.5	+2 +6 +2 +6 +1	SW SW SW SW SW	1 2 2 2 3	bc C C Z Z	43 42 44 42 41	97 97 92 97 97	5 2 6 6 5	5 - - - 5	2 10 0 10 6	0 2 3 10 10 1500 0 7 8 0 10 - 4 6 9 2500	1 1 1 1 1	57 58 59 57 57	42 43 41 39 39	33 35 37 33 33	- Tr Tr Tr Tr	0.6 0.2 0.5 0.6 0.6	4.6 4.0 5.7 5.2 5.2					
3	Birmingham ... Upper Heyford ...	535 408	1009.1	+6	-	0	C	42	97	7	-	1	-	0	10	-	1007.2 1008.8	+2 +2	SSW -	3 0	m bc	43 39	97 97	4 2	5 -	3 1	- 0	9 2	9 2	800 800	1 1	55 56	41 36	37 30	0.3 2	0.3 1	3.7 2.9	
4	Ross-on-Wye	223	1007.5	0	SW	2	C	45	92	7	-	1	4	0	7.8	-	1007.2	0	S	3	C	47	92	7	5	7	-	2	3	53	46	45	3	-	3.5			
5	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	299 209 32 82 240 163 175	1006.7 1008.7 1010.0 1009.0 1009.0 1007.4 1010.7	-2 0 +6 -2 -6 -6 -2	WSW SW W SW SW SW SW	4 3 3 3 3 3 1	C C C Z C bc C	48 45 44 47 48 49 47	92 85 92 97 97 97 92	7 5 7 6 8 7 7	- 5 2 2 7 7 -	1 7 - - - - -	4 8 7 1 3 3 7	0 2 3 3 4 4 10	7.8 2500 4000 1500 2500 4000 1500	1006.2 1007.8 1008.1 1007.2 1007.1 1005.6 1008.9	0 -2 -4 +8 -4 -10 -4	S SW SW SW SW SW SW	3 2 3 2 2 2 1	C C C Z C C C	47 45 45 48 48 49 46	92 92 92 97 97 97 92	7 7 5 5 6 6 7	5 7 5 2 8 8 7	- - - - - - -	9 9 10 10 9 9 9	1500 800 2500 1500 1500 4000 1500	1 1 3 2 2 3 1	53 55 47 52 53 55 49	46 43 43 47 48 45 45	45 33 33 45 45 41 41	3 1 7 4 5 1 2	- - Tr 3 - - -	3.5 3.8 Tr 2.6 4.9 6.7 2.5				
6	Pembroke	142	1005.8	0	SW	4	C	47	97	7	5	-	7	8	7.8	1500	1005.3	-4	SW	3	bc	46	97	6	8	-	9	9	1500	1	49	45	4	1	-	3.8		
7	Holyhead	26	1003.7	+2	SW	4	bc	45	97	7	5	-	4	6	4	450	1003.8	+4	SSW	3	C	45	97	6	5	3	2	4	6	51	44	4	1	-	2.3			
8	Chester (Sealand)	16	1005.9	-4	SSW	2	bc	47	75	7	5	1	-	2	3	4	2500	1005.5	+2	SE	2	Z	44	85	6	5	-	9	9	59	41	3	0.2	-	5.5			
8	Manchester	70	1006.0	+2	SE	3	bc	42	97	7	7	3	8	1	2	3	4000	1005.9	+2	SE	2	Z	42	92	6	-	7	6	0	9	59	41	34	0.1	Tr	4.0		
10	Spurn Head ... Catterick ... Tynemouth ...	29 175 108	1006.3 1005.2 1005.3	0 0 -4	SE SW SW	3 3 3	C bc C	45 45 47	97 92 85	6 5 6	5 5 8	- - -	9 2 9	9 2 9	1500 2500 2500	1007.4 1005.3 1004.7	+2 +6 +4	SW SSE WSW	2 1 2	C Z bc	43 40 40	97 97 85	6 5 6	5 5 8	3 1 3	- 6 2	4 6 4	7 9 4	5700 1500 2500	1 1 1	62 54 56	41 37 44	28 39 39	- - 1	- 0.5 0.3	7.5 3.5 *		
11	St. Abbs Head ... Leuchars ...	280 36	1003.7 1007.2	-4 -10	S E	2 2	bc Z	43 43	92 97	7 6	4 5	4 3	- -	2 2	3 7	4 8	2500 5700	1003.8 1001.8	+2 +2	SE S	2 1	C bc	42 42	97 92	8 7	5 5	7 3	2 1	2 4	7 6	2500 4000	0 2	53 52	41 41	31 31	1 Tr	- 1	1.4 0.4
12	Renfrew (Abbots I.) ... Eskdalemuir ... Point of Ayre ...	19 794 30	1002.1 1002.4 1002.4	-2 0 0	S W W	2 2 2	C b b	47 45 45	85 85 85	8 8 8	8 4 4	- - -	7 1 1	8 7 1	8 8 4000	1001.4 1003.0 1002.8	-2 +2 +2	S SW SW	2 3 3	C C C	45 41 46	85 92 92	8 6 8	5 - 5	3 2 -	8 10 9	4 10 10	4000 1500 2500	1 1 1	52 46 54	41 41 42	31 41 42	1 0.5 13	1 3 0.3	1.4 0.0 2.2			
13A	Tires	22	1012.2	-12	NE	2	C	42	92	7	5	7	-	7	8	9	2500	1000.6	-4	E	3	C	44	92	8	5	7	-	7	8	49	44	4	1	-	2.0		
13B	Stornoway	80	1012.2	-12	NE	2	C	42	92	7	5	7	-	7	8	9	2500	1000.6	-4	E	3	C	44	92	8	5	7	-	7	8	49	44	4	1	-	2.0		
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	1176 79 81 156	1000.2 1003.3 1007.2 1007.2	-2 -8 0 0	S SE SE SE	2 3 5 5	C C C C	47 43 41 41	85 97 97 97	8 5 6 6	8 5 5 5	- - - -	7 7 7 7	8 10 10 10	4000 800 450 450	1001.4 1001.3 1006.2 1006.2	-2 -4 +2 +2	S SE SSW SE	2 4 1 5	C C C C	45 41 41 41	85 97 97 97	8 5 5 5	3 - - 2	8 10 10 10	4000 1500 1500 1500	1 2 1 1	52 46 54 43	41 41 42 45	31 41 42 45	1 0.5 13 2	1 3 0.3 0.2	1.4 0.0 0.0 0.0					
16	Blackod Point ... Malin Head ... Aldergrove ...	18 84 288	997.0 996.2 1000.2	+20 -4 0	W S S	4 5 4	bc C C	48 46 45	92 92 85	7 7 8	3 6 7	- - -	4 9 7	6 9 8	800 4000 2500	999.1 996.7 1000.7	+14 +8 +0	W S SSW	3 5 3	C C C	48 46 44	85 92 85	7 7 8	3 8 5	- - -	9 9 9	9 9 800	1500 2500 800	1 3 1	51 51 53	44 44 43	4 4 37	6 1 1	3 5 1	3.6 3.6 2.0			
17	Birr Castle ... Valentia Obsy ... Roche Point ...	173 30 22	1001.9 1002.2 1003.8	+4 0 0	S SW W	3 4 3	bc bc bc	46 48 48	85 85 92	8 8 8	5 5 5	- - -	3 1 5	2 2 4	2500 1500 2500	1002.2 1002.0 1002.4	+4 +2 +6	SSW SW W	1 3 3	C bc bc	43 47 47	92 92 97	7 8 8	5 8 5	- 4 4	5 2 3	9 4 4	2500 1500 2500	1 3 4	57 55 55	42 46 46	38 42 42	3 0.5 7	- 0.2 0.2	4.1 6.7 *			

AIR
MINISTRY.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.

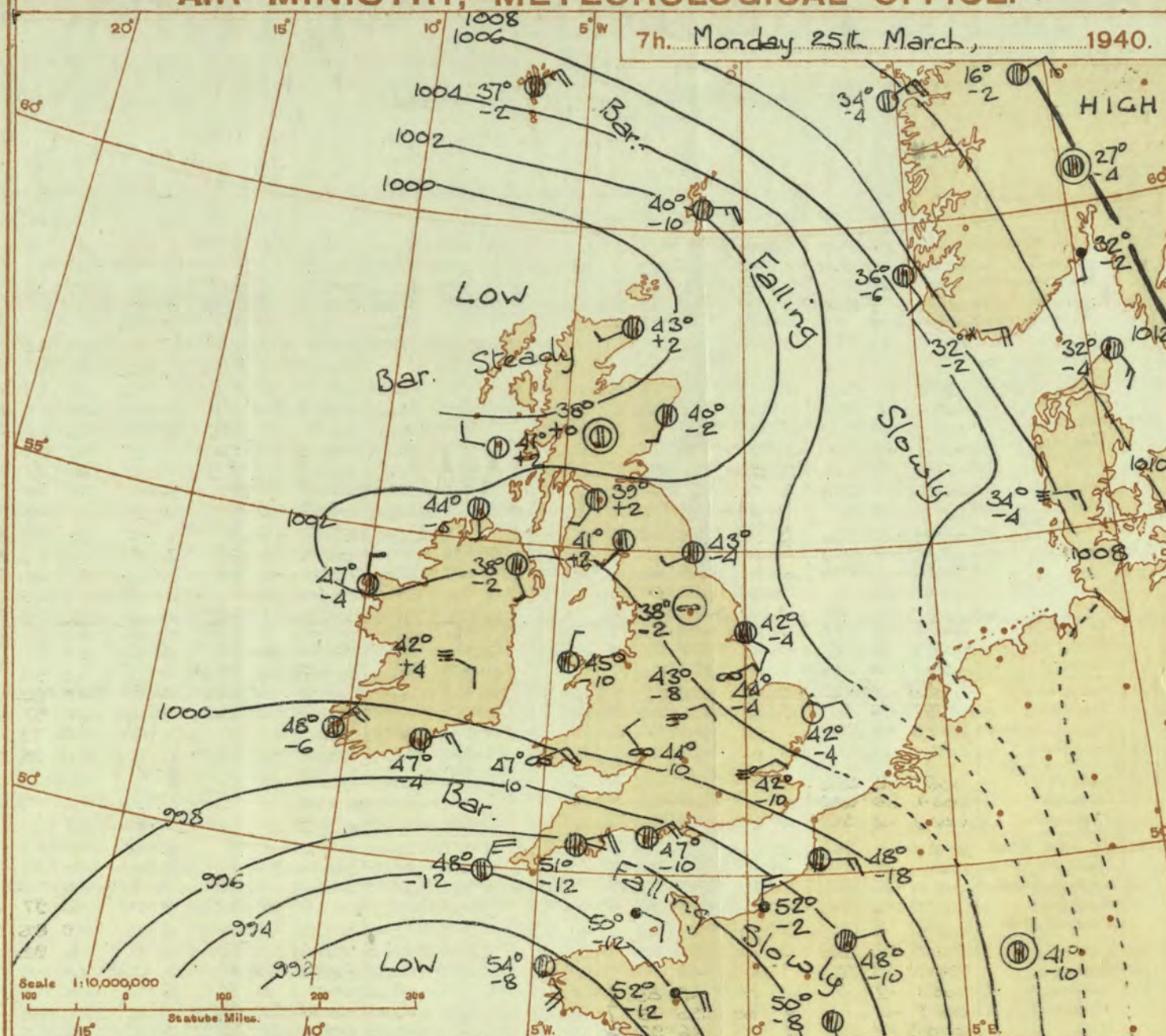
OBSERVATIONS at 18h. G.M.T. 24th March.

PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	° Humid. (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	°Temp. (20)	°Humid. (21)	Visibility (22)	Cloud.					State of Ground. (29)	Sea. 0-9 (30)	WEATHER.						
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)	Force 0-12 (18)			Form. (23)	Amount (24)					Height of Base (feet) (28)	7h.—13h. 24th 11h.—7h. 25th												
																								Low. (11)	Med. (12)	High (13)	Low 0-10 (25)			Total 0-10 (26)	Height of Base (feet) (28)	13h.—18h. 24th 1h.—7h. 25th	18h.—24h. 25th	1h.—7h. 25th		
																																			(37)	(38)	(39)	(40)
1	London (Kew)...	1007.8	-14	SSW	2	c	54	65	7	8	-	2	7-8	97	2500	1006.7	-12	S	2	Z	51	75	6	5	-	10	10	2500	1	*	cmo	bc	cmo	bc	cmo	
	Croydon ...	1008.3	-10	SW	2	c	56	75	7	8	3	2	1-6	7-8	2500	1006.2	-14	-	0	c/r	51	75	6	5	7	-	7-8	10	2500	1	*	cmo	bc	cmo	bc	cmo
	S. Farnborough	1008.3	-6	S	2	c	53	65	7	2	-	8	2-3	97	2500	1005.6	-6	SE	2	c	50	75	7	4	1	-	7-8	97	2500	1	*	cmo	bc	cmo	bc	cmo
	Boscombe Down	1007.2	-14	SSE	3	c	52	65	7	2	-	8	7-8	97	2500	1004.7	-8	SE'E	3	c	49	65	7	3	7	3	7-8	97	4000	0	*	cmo	bc	cmo	bc	cmo
	Calshot (Soton.)	1008.0	-12	-	0	Z	49	72	6	5	-	-	10	10	1500	1005.0	-14	SE'E	3	Z	46	67	6	5	7	2	7	97	5700	1	2	cmo	bc	cmo	bc	cmo
	Lymington	1010.3	-10	SE'S	2	m/f	46	97	1	5	-	-	10	10	220	1007.6	-14	E'NE	1	c	48	65	8	5	-	-	97	97	7200	1	*	cmo	bc	cmo	bc	cmo
	Manston	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1006.4	-14	SSE	1	Z	49	65	6	5	7	-	7-8	97	5700	0	*	cmo	bc	cmo	bc	cmo
2	Shoeburyness ...	1009.2	-3	SW	3	c	54	75	8	2	9	6	1	9	4000	1007.0	-14	S'E	1	ir	48	65	8	8	-	-	97	97	7200	1	*	cmo	bc	cmo	bc	cmo
	Felixstowe ...	1008.8	-6	SSE	3	Z	47	85	6	8	4	7	2-3	97	1500	1006.3	-10	S'E	3	Z	46	62	6	5	7	-	4-6	97	5700	1	2	cmo	bc	cmo	bc	cmo
	Gorleston ...	1008.3	-6	SE	4	c	49	75	6	7	5	-	4-6	7-8	2500	1006.7	-4	SSE	2	c	46	65	6	5	4	-	2-3	97	2500	0	2	cmo	bc	cmo	bc	cmo
	Mildenhall ...	1007.4	-12	SW	3	c	57	65	7	2	-	8	7-8	97	1500	1005.3	-2	SW	1	c	55	65	7	-	7	7	0	0	-	1	*	cmo	bc	cmo	bc	cmo
	Cranwell ...	1007.7	-6	SW'W	3	c/pr	54	65	8	3	5	6	7-8	97	2500	1004.9	-10	SW	1	c	51	75	8	5	7	8	1	7-8	4000	0	*	cmo	bc	cmo	bc	cmo
3	Birmingham	1006.2	-1	SSW	2	c	51	65	7	3	-	7-8	97	1500	1004.5	-8	S	2	c	53	55	7	8	-	8	4-6	97	2500	1	*	cmo	bc	cmo	bc	cmo	
	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	*	cmo	bc	cmo	bc	cmo
4	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	1	-	7-8	10	2500	1	*	cmo	bc	cmo	bc	cmo	
5	Hartland Point	1004.9	-8	SSW	3	pr	51	85	8	8	-	-	97	97	1500	1002.5	-6	SE	3	c/r	49	65	8	8	1	-	7-8	97	1500	1	3	cmo	bc	cmo	bc	cmo
	Bristol ...	1006.6	-10	SW	4	c	55	65	8	8	7	5	4-6	7-8	1500	1004.8	-6	SE	3	c/r	51	65	7	5	7	-	4-6	10	2500	1	*	cmo	bc	cmo	bc	cmo
	Portland Bill ...	1007.1	-16	E	3	c	47	92	7	5	7	-	7-8	10	4000	1003.1	-18	E	3	PR	47	92	7	5	4	-	4-6	97	4000	1	3	cmo	bc	cmo	bc	cmo
	Plymouth ...	1005.9	-10	SSE	3	ir	51	75	7	-	1	-	10	10	5700	1002.9	-14	E'N	4	c	49	65	8	5	7	-	7-8	97	4000	1	2	cmo	bc	cmo	bc	cmo
	The Lizard ...	1005.1	-10	ESE	3	pr	49	97	7	5	-	-	10	10	1500	1001.5	-10	E'N	4	c	48	97	8	5	-	-	10	10	1500	1	2	cmo	bc	cmo	bc	cmo
	Scilly (St. Mary's)	1003.9	-12	SE	3	ir	50	92	7	5	-	-	10	10	1500	1000.0	-20	E	4	c	49	97	7	8	7	3	4-6	97	1500	1	3	cmo	bc	cmo	bc	cmo
	Guernsey ...	1006.0	-20	SE'E	1	c	50	92	7	5	1	-	4-6	97	2500	1002.6	-14	ESE	1	c	50	92	7	-	7	8	0	7-8	-	1	2	cmo	bc	cmo	bc	cmo
6	Pembroke ...	1005.0	-4	S'E	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	97	800	1	2	cmo	bc	cmo	bc	cmo
7	Holyhead ...	1003.7	-6	S	4	c	51	85	8	5	-	-	97	97	450	1002.3	-4	SW	3	c/r	44	97	3	5	3	-	7-8	97	450	1	2	cmo	bc	cmo	bc	cmo
	Chester (Sealand)	1004.8	-6	SSE	1	pr	54	65	8	8	5	8	7-8	97	1500	1003.5	-2	S	1	c	53	75	7	8	4	-	7-8	97	1500	1	*	cmo	bc	cmo	bc	cmo
8	Manchester ...	1005.1	-10	SW	3	c	56	65	7	8	3	-	7-8	97	2500	1004.1	-6	SSE	3	c/pr	52	75	7	8	3	-	4-6	7-8	2500	1	*	cmo	bc	cmo	bc	cmo
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	cmo	bc	cmo	bc	cmo
	Catterick ...	1004.1	-10	WSW	2	c	54	65	7	2	3	8	4-6	97	4000	1003.5	-2	WSW	2	Z	52	75	6	8	6	6	7-8	7-8	4000	1	1	cmo	bc	cmo	bc	cmo
	Tynemouth ...	1004.4	-4	SW	3	bc	55	55	6	2	-	-	4-6	4-6	2500	1003.5	0	SW	3	bc	55	*	6	2	-	-	4-6	4-6	2500	0	1	cmo	bc	cmo	bc	cmo
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	cmo	bc	cmo	bc	cmo
	Leuchars ...	1001.1	-10	SSW	4	pr	54	75	8	8	-	6	4-6	97	4000	1000.4	-6	S	3	c	50	85	7	8	3	-	7-8	97	2500	1	*	cmo	bc	cmo	bc	cmo
12	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	c/r	48	92	7	5	-	-	97	97	1500	1	*	cmo	bc	cmo	bc	cmo
	Eskdalemuir ...	1002.8	-4	SW	4	do	45	97	5	-	2	-	10	10	4150	1002.5	0	SW	3	df	43	97	2	-	-	-	10	10	4150	1	*	cmo	bc	cmo	bc	cmo
	Point of Ayre ...	1002.9	0	SW'W	3	bc	57	75	7	2	4	-	2-3	2-3	1500	1002.5	-2	SW'W	3	c	49	85	8	2	-	6	7	97	1500	0	2	cmo	bc	cmo	bc	cmo
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	cmo	bc	cmo	bc	cmo
13b	Stornoway ...	999.3	-8	SE	1	c	49	75	7	5	9	-	7-8	97	4000	999.0	+2	E	1	c/pr	45	92	7	5	7	-	7-8	97	2500	1	1	cmo	bc	cmo	bc	cmo
15	Dalwhinnie ...	1000.1	-2	S	4	pr	45	85	7	6	1	-	4-6	10	2500	999.8	0	S	4	ir	44	65	7	8	6	-	7-8	97	2500	1	*	cmo	bc	cmo	bc	cmo
	Aberdeen ...	1001.7	-4	S	4	bc	50	75	7	4	2	4	4-6	4-6	2500	1001.0	-2	SSW	3	c	46	85	7	5	4	9	7-8	97	2500	1	1	cmo	bc	cmo	bc	cmo
	Wick ...	1000.3	-8	SE	4	c	46	92	6	5	7	9	4-6	97	1500	999.5	-2	ESE	3	rr	45	92	7	5	7	8	7-8	97	1500	1	2	cmo	bc	cmo	bc	cmo
16	Lerwick...	1006.0	-2	E'S	5	c	40	97	6	5	2	-	7-8	10	450	1004.6	-4	E'S	5	rr	40	97	6	6	2	-	4-6	10	800	2	*</					

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, light, becoming moderate; fair and warm, but dull and cold near East Coast.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind variable, becoming easterly light; generally fair and mild at first; becoming dull and cold along East Coast.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind westerly, light, becoming variable or easterly, light; considerable bright periods, with occasional light showers today; average temperature.
14 Mid Scotland	
15 N. E. Scotland	Wind east, moderate to fresh; cloudy, with occasional rain; rather cold.
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind east, light to moderate; fair and warm.
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.

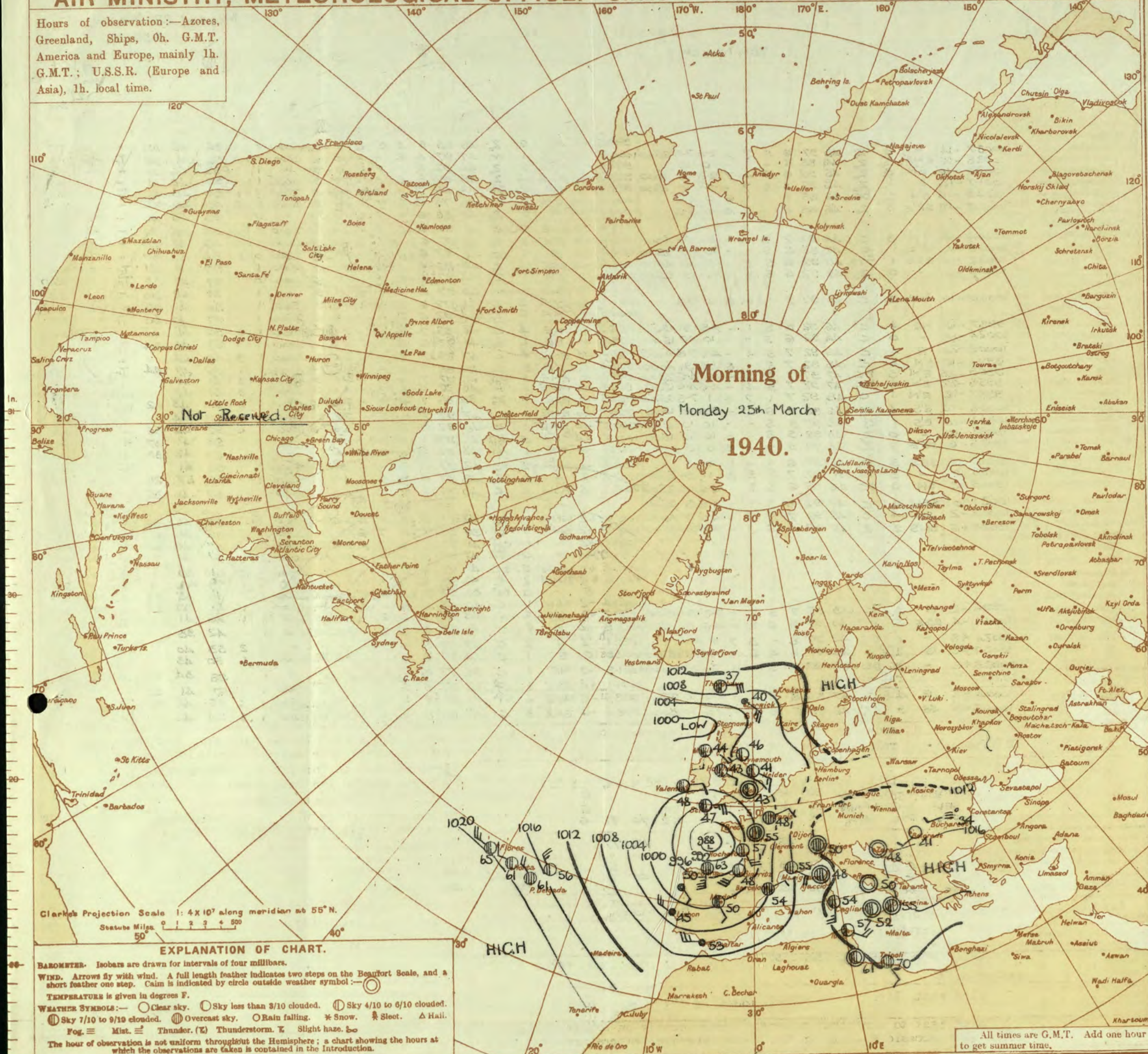
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

G.476/3853, M.9109 D.4626, 40344-13300 3/50

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

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



AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION
Monday 25th March, 1940.
No 28613.

OBSERVATIONS at 1 hr. G.M.T. 25th March

OBSERVATIONS at 7 hr. G.M.T. 25th March

PAST 24 HOURS.

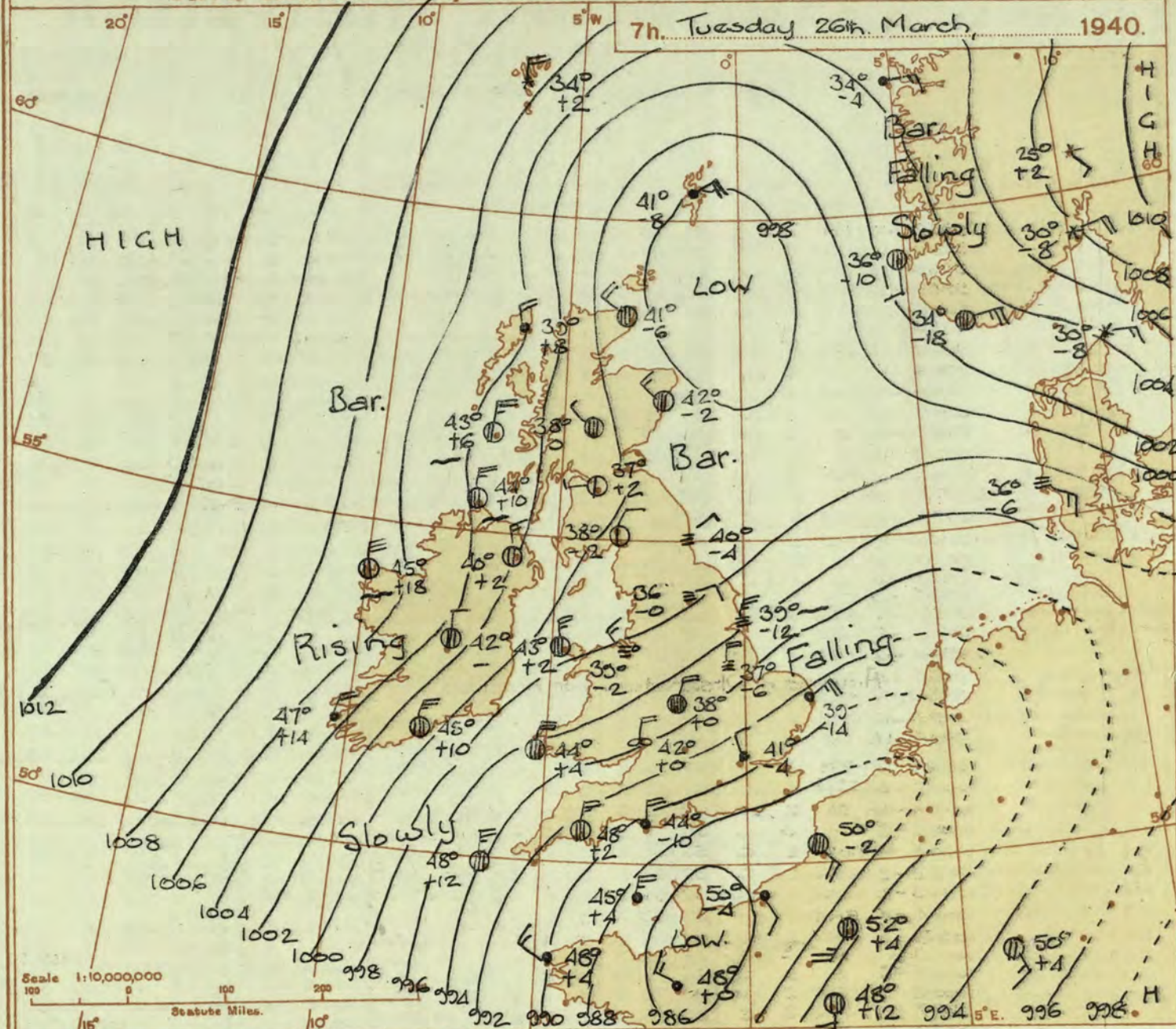
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. Miles (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility Miles (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.				RAINFALL.		SUN- SHINE 24 Hrs. (36)		
					Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Direc. (17)					Force 0-12 (18)	Low 0-10 (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	Max. Day 7h-15h °F. (31)	Min. Night 15h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-15h mm. (34)		Night 15h-7h mm. (35)	
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	999.8	-8	NE	2	Z	45	85	5	3	6	1	4.6	4000	1	*	56	45	38	-	-	2.5					
	Croydon	217	1003.7	-14	E	3	0	Z	43	97	6	5	7	2	2.3	7.8	2500	1000.6	-10	ENE	1	m	42	97	4	5	-	10	10	1500	1	*	56	41	36	Tr	Tr	1.2	
	S. Farnborough	226	1002.8	-16	E	3	0	Z	46	85	6	5	1	-	0	10	-	999.6	-10	NE	2	Z	44	92	5	-	7	-	0	9+	-	1	*	55	44	41	-	-	1.5
	Boscombe Down	417	1002.0	-16	E	3	0	Z	45	92	6	5	4	7	2.3	10	4000	998.5	-14	ENE	4	Z	45	92	6	5	3	-	7.8	9+	4000	1	*	53	43	41	-	-	0.2
	Calshot (Stmnt.)	8	1001.7	-18	E	1	1	Z	46	92	5	5	7	-	Tr	10	2500	998.0	-14	NE	2	Gr	48	85	7	5	8	1	4.6	9	2500	1	1	50	45	41	Tr	-	0.0
	Lymington	346	1004.0	-18	E	2	2	bc	46	85	5	-	1	6	0	4.6	-	1000.6	-14	EN	3	C	48	75	8	5	7	-	Tr	9+	4000	1	2	40	45	42	-	-	0.1
	Manston	154	1003.5	-18	SE	3	3	Z	46	85	5	-	3	6	0	4.6	-	1000.2	-14	E	3	Z	45	85	6	-	7	6	0	7.8	-	0	55	43	40	-	Tr	5.4	
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.4	-10	ENE	2	C	41	97	5	5	5	-	4.6	7.8	7200	1	*	54	38	32	-	Tr	6.0	
	Felixstowe	15	1004.4	-14	E	3	3	C	44	92	7	8	-	-	9+	9+	4000	1001.6	-8	EN	2	Z	43	92	6	-	4	5	7.8	7.8	4000	1	1	46	42	39	-	Tr	3.6
	Gorleston	5	1005.8	-4	SE	1	1	C	42	85	6	5	-	-	10	10	2500	1003.7	-4	E	1	C	42	92	6	-	-	9+	9+	2500	0	1	54	41	40	-	Tr	5.7	
	Mildenhall	19	1004.2	-10	ESE	1	1	Gr	48	92	6	5	2	-	9	10	4000	1001.5	-10	ESE	2	Z	46	85	6	8	3	-	7.8	9	4000	1	*	57	44	41	Tr	0.1	8.4
	Cranwell	240	1004.4	-2	-	0	0	Z	42	92	6	5	3	-	Tr	9	2500	1002.4	-4	EN	1	Z	44	92	6	5	7	-	9	10	4000	0	*	57	39	33	Tr	-	5.8
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.3	-8	ENE	2	m	43	97	4	-	-	8	0	9	-	1	*	55	42	30	-	-	2.0	
	Upper Heyford	408	1004.0	-10	ENE	2	2	C	43	92	7	-	3	6	0	7.8	-	1001.1	-10	ENE	2	Z	44	92	6	5	3	-	7.8	9	1500	1	*	56	41	36	0.1	Tr	*
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1000.5	-10	NW	2	Z	44	92	6	5	-	-	10	10	2500	1	*	57	40	30	-	Tr	2.9	
5	Hartland Point	299	998.7	-16	NE	4	4	C	46	92	8	8	1	-	7.8	9+	1500	995.0	-18	NE	4	C	48	85	7	8	4	-	7.8	7.8	1500	1	3	52	45	44	1	Tr	3.0
	Bristol	209	1002.4	-14	-	0	0	C	44	92	6	5	-	-	10	10	1500	999.5	-10	NE	1	Z	44	92	6	5	7	-	4.6	9+	4000	1	*	57	41	34	Tr	-	2.0
	Portland Bill	32	1000.8	-20	E	4	4	C	46	92	7	5	4	-	4.6	7.8	4000	996.5	-10	ENE	4	C	47	85	7	5	2	-	4.6	9	4000	1	3	48	44	*	-	-	*
	Plymouth	82	999.1	-16	E	4	4	C	48	92	7	5	-	8	4.6	9+	4000	995.0	-12	EN	5	C	51	85	7	5	3	-	4.6	7.8	4000	1	1	52	47	44	Tr	-	0.3
	The Lizard	240	996.9	-28	E	5	5	bc	47	97	7	8	6	-	4.6	4.6	2500	993.3	-8	ENE	5	Gr	48	97	7	8	2	-	7.8	9+	1500	1	3	51	46	*	1	Tr	0.0
	Scilly (St. Mary's)	163	995.8	-22	E	5	5	bc	47	97	7	5	4	-	4.6	4.6	1500	992.8	-12	NE	5	C	48	92	6	5	7	-	4.6	9	2500	1	3	51	47	*	0.3	Tr	0.3
	Guernsey	175	998.2	-12	E	1	1	C	48	92	7	1	7	8	1	7.8	2500	994.5	-12	ESE	1	Gr	50	85	7	8	2	-	7.8	10	2500	1	3	50	48	42	0.4	Tr	1.3
6	Pembroke	142	1000.8	-12	E	4	4	C	46	85	7	5	2	-	4.6	10	1500	998.7	-10	ENE	4	Z	47	92	7	8	6	-	7.8	9	1500	1	2	50	44	*	1	1	0.6
7	Holyhead	26	1002.1	-10	E	1	1	Gr	43	97	3	5	-	-	10	10	450	1000.2	-10	NNE	1	C	46	92	6	5	3	1	2.3	7.8	1500	1	0	52	42	36	-	-	3.6
	Chester (Sealand)	16	1003.1	-10	-	0	0	Z	43	92	5	-	-	-	10	10	1500	1001.7	-4	-	0	F	41	97	1	-	5	-	0	9	-	1	*	58	41	37	1	Tr	4.1
8	Manchester	70	1003.6	-6	SE	2	2	Z	44	92	5	-	-	8	0	9	-	1002.1	-4	NE	1	m	43	92	4	-	9	6	0	9	-	1	*	57	42	33	1	-	5.5
10	Spurn Head	29	1004.4	0	SE	3	3	b	41	97	6	-	-	1	0	1	-	1002.4	-4	SE	2	C	42	97	6	5	-	-	9+	9+	1500	0	1	59	41	*	Tr	-	6.0
	Catterick	175	1003.8	0	-	0	0	C	41	97	7	5	3	8	1	9+	5700	1002.4	-2	-	0	Z	38	97	6	8	9	8	4.6	9+	5700	1	*	56	37	28	-	-	2.8
	Tynemouth	108	1004.3	+2	SW	3	3	bc	46	85	6	8	3	-	4.6	4.6	2500	1003.1	-4	WSW	2	C	43	75	5	2	3	-	4.6	9	2500	1	1	57	41	35	-	-	*
11	St. Abbs Head	280	1002.1	0	SSW	4	4	C	43	92	8	5	1	-	4.6	9	2500	1001.0	+2	WNW	1	Z	42	97	6	5	5	4	4.6	7.8	2500	1	*	54	42	36	0.4	Tr	3.1
	Leuchars	36	1001.2	-2	SW	4	4	C	45	92	7	5	7	-	4.6	9	4000	1001.0	+2	WNW	1	C	39	97	7	5	7	6	Tr	7.8	2500	1	*	56	38	31	2	Tr	5.6
12	Benfrew (Abbots I.)	19	1002.6	+6	SW	2	2	Z	45	97	6	5	3	-	7.8	9+	1500	1002.5	+2	SW	1	C	41	97	6	5	7	-	7.8	9+	450	1	*	47	40	40	1	1	0.0
	Eskdalemuir	794															1001.8	+2	-	0	C	41	97	1	-	-	-	10	10	450	1	1	57	41	*	-	-	8.3	
	Point of Ayre	30															1001.2	+2	WNW	2	bc	41	97	8	5	3	-	2.3	2.3	4000	0	2	51	39	*	3	-	1.1	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.2	+2	WNW	2	bc	41	97	8	5	3	-	2.3	2.3	4000	0	2	51	39	*	3	-	1.1	
13B	Stornoway	80															1001.6	+6	WNW	2	C	43	97	7	5	7	-	4.6	9+	2500	1	1	49	42	*	Tr	-	2.7	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0	-	0	bc	38	92	7	4	6	-	4.6	4.6	2500	1	*	46	35	32	2	0.5	1.9
	Aberdeen	79															1000.4	-2	SSW	1	C	40	97	6	5	-	8	5	9+	2500	1	1	51	39	32	Tr	0.5	3.6	
	Wick	81	999.6	-2	S	3	3	C	43	97	7	5	7	-	7.8	9+	1500	999.2	+2	WSW	2	C	43	97	7	5	2	-	9	10	800	1	1	46	41	*	2	1	*
16	Lerwick	156	1004.1	-4	ESE	5																																	

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET
BRITISH SECTION
Tuesday 26th March 1940.
No. 2364.

OBSERVATIONS at 13h. G.M.T. 25th. March.														OBSERVATIONS at 18h. G.M.T. 25th. March.														PAST 24 HOURS.								
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	O Visibility. (8)	Cloud. (9) (10) (11)			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	O Visibility. (22)	Cloud. (23) (24) (25)			State of Ground. (29)	Sea. (30)	WEATHER.										
				Dir. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)			Form. (23)	Amount. (24)					Height of Base. (feet) (25)	7h.—13h. 25th. (37)	13h.—18h. 25th. (38)			18h.—24h. 26th. (39)	1h.—7h. 26th. (40)									
1	London (Kew)...	997.2	-10	E'N	4	Z	55	55	6	5	3	-	7-8	10	4000	995.1	-6	NE'E	1	Pr	51	75	6	-	2	-	10	10	4000	1	*	bcm	cz	cm	rr	
	Croydon ...	998.0	-18	NE'N	4	Z	55	55	6	5	7	-	4-6	9	7200	995.4	-8	NE'N	3	Pr	48	57	6	-	2	-	7-8	10	4000	1	*	cm	cz	cm	rr	
	S. Farnborough	996.9	-14	E'N	4	Z	54	54	6	5	7	-	0	10	-	994.4	-4	ENE	4	Pr	51	65	6	-	2	-	10	10	4000	1	*	cm	cz	cm	rr	
	Boscombe Down	995.0	-22	ENE	4	Pr	55	55	6	5	3	-	4-6	10	4000	993.8	-2	NE'E	4	Z	53	65	6	-	2	-	0	10	-	1	*	cm	cz	cm	rr	
	Calshot (Soton.)	994.9	-22	NE'E	4	C	54	54	7	7	-	0	10	-	993.5	-6	ENE	4	Z	49	85	6	-	2	-	10	10	2500	1	2	cm	cz	cm	rr		
	Lymington	997.4	-18	NE'N	4	C	54	54	7	7	2	0	9	-	995.0	-6	NNE	4	Z	46	85	5	-	2	-	7-8	10	4000	1	2	c	cm	cm	rr		
	Manston	997.5	-14	E'N	4	Z	51	51	6	5	3	-	4-6	9	4000	994.5	-10	NE	4	C/r	44	92	5	-	7	7	0	10	-	0	*	bcm	cz	cm	rr	
2	Shoeburyness	998.6	-18	NE	3	C	50	50	6	5	4	-	4-6	9	5700	996.3	-14	NE'N	6	Pr	45	85	6	-	7	-	10	10	4000	1	*	bcm	cz	cm	rr	
	Felixstowe	999.1	-10	ENE	4	Z	48	48	6	-	5	4	0	7-8	-	999.6	-10	ENE	4	Z	45	85	6	-	7	-	2-3	10	5700	1	1	cm	cz	cm	rr	
	Gorleston	1001.2	-12	NE	2	bc	46	46	6	-	4	-	0	2-3	-	998.7	-10	NE	4	C	42	85	5	-	7	-	9	9	1500	0	3	cz	bc	cm	rr	
	Mildenhall	998.4	-20	E	4	bc	60	45	7	1	7	-	Tr	4-6	4000	997.1	+2	ENE	4	C	51	65	7	-	7	-	7-8	10	5700	0	*	bc	bc	cm	rr	
	Cranwell	997.6	-10	E	3	bc	57	55	7	1	-	6	Tr	4-6	4000	998.7	0	E'N	3	bc	48	75	7	-	3	2	0	4-6	-	0	*	bc	bc	cm	rr	
3	Birmingham	998.6	-14	SSW	3	bc	58	55	8	7	5	-	4-6	9	2500	997.4	-6	ENE	4	C	54	65	6	-	5	-	7-8	10	2500	1	*	bc	bc	cm	rr	
	Upper Heyford	997.9	-14	E	3	C	59	65	7	2	3	6	2-3	7-8	2500	995.6	-6	ENE	3	C	55	65	7	-	7	-	7-8	10	4000	1	*	cm	bc	cm	rr	
4	Ross-on-Wye	997.3	-16	ENE	4	C	57	63	7	1	3	1	4-6	9	4000	995.4	-8	NE'E	3	C	57	65	7	-	7	7	1	1	9	2500	1	*	cm	bc	cm	rr
5	Hartland Point	994.5	-4	NE	3	C	50	53	7	8	1	-	7-8	9	1500	993.1	+2	NE	3	Pr	49	85	7	-	2	-	7-8	10	800	1	2	c	cz	cm	rr	
	Bristol ...	996.7	-10	E	3	Z	57	56	6	5	7	-	4-6	9	5700	994.7	-4	NE	3	C/r	54	75	6	-	5	-	7-8	10	4000	1	*	cm	cz	cm	rr	
	Portland Bill	994.3	-16	E	4	C	47	47	7	5	-	10	10	4000	992.6	-10	E	4	Pr	46	92	7	-	7	-	10	10	2500	1	3	bc	cz	cm	rr		
	Plymouth	993.5	-10	E'N	5	C	55	55	8	5	1	-	7-8	10	4000	992.5	-2	E	4	Pr	49	92	6	-	2	-	7-8	10	4000	1	2	bc	cz	cm	rr	
	The Lizard	992.2	-4	NE'E	5	Pr	49	49	7	8	2	-	9	10	1500	991.6	+4	E'N	4	Pr	47	97	4	-	5	-	10	10	1500	1	3	cm	cz	cm	rr	
	Scilly (St. Mary's)	992.1	-6	NE'E	4	C	53	53	7	5	7	3	4-6	9	1500	990.9	0	NE'E	5	Pr	49	92	6	-	5	-	7-8	10	1500	1	3	c	cz	cm	rr	
	Guernsey	992.0	-12	NE'E	1	C/r	50	49	7	5	1	-	7-8	9	2500	990.4	-8	NE'E	1	C	49	85	7	-	5	1	9	4-6	7-8	2500	1	2	bc	cz	cm	rr
6	Pembroke	996.5	-6	E'N	4	C	55	55	7	3	2	-	7-8	9	1500	995.2	-8	NE'N	4	C	50	75	7	-	7	-	7-8	9	2500	1	2	bc	cz	cm	rr	
7	Holyhead	998.6	-10	NNE	5	bc	49	45	6	-	3	-	0	1	-	997.7	+2	NNE	5	Pr	47	85	7	-	3	9	9	5700	1	3	bc	cz	cm	rr		
	Chester (Sealand)	999.3	-16	ENE	1	bc	57	55	7	8	-	-	4-6	4-6	4000	997.7	-4	WNW	1	Z	49	85	6	-	3	-	0	2-3	-	0	*	bc	cz	cm	rr	
8	Manchester	999.5	-18	NE	3	Z	57	55	5	4	4	-	4-6	4-6	4000	998.1	-4	ENE	3	Z	55	65	5	-	4	-	0	2-3	-	1	*	f	bc	cm	rr	
10	Spurn Head	1000.8	-6	E'N	2	C	47	45	6	5	-	6	4-6	7-8	2500	999.4	-4	NE	3	Pr	40	97	4	-	2	-	9	9	7200	1	2	cm	bc	cm	rr	
	Catterick	1000.7	-6	SSW	1	C	60	65	7	2	3	-	2-3	7-8	4000	999.4	-4	-	0	Z	50	85	6	-	5	-	9	9	7200	1	1	cm	bc	cm	rr	
	Tynemouth	1002.4	-10	SE	2	bc	49	45	6	8	-	-	4-6	4-6	2500	1001.5	-2	E	2	C	44	85	6	-	8	-	7-8	7-8	2500	1	1	cm	bc	cm	rr	
11	St. Abbs Head	1001.3	-2	-	0	C	48	45	8	8	6	-	4-6	7-8	2500	1001.9	+2	S	2	bc	46	75	8	-	4	2	4-6	4-6	2500	0	2	bc	cz	cm	rr	
	Leuchars	1000.3	-10	WNW	2	C	55	55	9	8	4	4	7-8	9	4000	999.2	-8	S	1	C	52	65	9	-	4	3	6	7-8	4000	1	*	c	cz	cm	rr	
12	Ronfrew (Abbots I.)	1002.2	-2	WSW	2	C	52	52	8	8	-	6	4-6	9	4000	1000.8	-6	NW	2	C	49	75	8	-	3	4	4-6	7-8	4000	1	*	c	cz	cm	rr	
	Eskdalemuir	1000.5	-8	WNW	1	bc	52	52	8	7	-	-	4-6	4-6	2500	999.3	-2	NE	1	bc	49	65	8	-	4	2	2-3	2-3	2500	1	*	bc	cz	cm	rr	
	Point of Ayre	1001.4	-4	ENE	2	b	47	47	7	2	4	-	Tr	1	2500	999.8	-4	NW	3	C	47	92	8	-	6	7	7-8	7-8	4000	0	1	ff	bc	bc	bc	
13A	Tiree	1001.8	+2	WNW	2	bc	51	51	8	7	3	-	1	4-6	4000	1001.4	+2	NW	2	bc	46	85	6	-	7	3	-	2-3	4-6	4000	0	2	bc	cz	cm	rr
13B	Stornoway	1001.8	0	N	4	bc	46	45	7	5	7	-	9	9	2500	1002.2	+2	N	4	C	44	85	8	-	5	7	-	4-6	4-6	4000	1	2	bc	cz	cm	rr
15	Dalwhinnie	1000.9	-2	S	3	C	50	50	8	5	6	1	7-8	10	4000	1000.5	-2	N	3	bc	43	75	8	-	4	-	2-3	4-6	4000	0	*	c	cz	cm	rr	
	Aberdeen	1000.8	-2	SE'E	2	Pr	48	45	6	8	-	2	9	9	2500	1000.2	-4	SE	1	C	48	75	6	-	7	3	8	7-8	9	2500	1	0	bc	cz	cm	rr
	Wick	999.7	+4	WNW	2	C	48	45	7	5	7	8	7-8	9	1500	999.2	-2	SE	2	C	45	85	7	-	5	7	-	7-8	9	1500	1	1	cm	cz	cm	rr
16	Lerwick	1002.9	-2	E	5	Pr	40	32	7	6	2	-	4-6	10	500	1001.3	-4	E'N	5	C/r	39	92	7	-	8	7	-	7-8	9	800	1	*	err	err	err	err
17	Blackod Point	1002.4	-2	NNE	3	C	51	51	8	5	-	-	9	9	1500	1002.9	+8	N'E	6	C	48	85	8	-	7	-	7-8	7-8	2500	0	3	c	bc	bc	bc	
18	Malin Head	1002.8	+4	S	1	C	48	45	8	5	7	-	7-8	7-8	5700	1002.2	+4	W	2	C	47															

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	
9 N. Midlands ...	Wind northeast, light, becoming north, moderate; dull, with widespread coast and hill fog; rain spreading from the south; cold.
10 N.E. England	
11 S.E. Scotland	Wind north, light to moderate, backing northwest, moderate to fresh; variable cloud, with some bright intervals today; showers tomorrow; cold.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scot- land.	Wind north to northwest, veering north to northeast, moderate to fresh; rather frequent showers of rain and sleet, persistent at times cold.
14 Mid Scotland	
15 N. E. Scotland	Wind northeast to east, moderate to fresh; cloudy, with occasional rain or sleet; cold.
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.

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

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AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Tuesday 26th March 1940.
No 28614.

OBSERVATIONS at 1 hr. G.M.T. 26th March															OBSERVATIONS at 7 hr. G.M.T. 26th March															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SON-SHINE 25th Hrs.					
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.								
																																0-12	0-12		0-12	0-12	0-9	0-9	0-9
1	London (Kew)	18	992.6	-18	NNE	3	rr	45	97	5	-	10	10	800	989.8	-12	N	4	rr	42	92	5	6	2	-	7.8	10	1500	2	*	57	41	40	0.4	14	1.1			
	Croydon	217	992.6	-18	NNE	3	rr	45	97	5	-	10	10	800	990.7	-4	NNW	2	rr	41	97	4	-	2	-	10	10	450	1	*	56	41	40	0.6	8	1.3			
	S. Farnborough	226	992.1	-14	NEN	3	rr	46	92	5	-	10	10	1500	990.4	-2	NNE	4	rr	41	92	6	6	-	-	10	10	800	2	*	57	40	40	0.1	11	1.8			
	Boscombe Down	417	992.1	-14	NEN	4	C	45	85	7	-	10	10	4000	991.1	-4	N	5	rr	41	97	6	6	-	-	10	10	450	1	*	55	39	29	Tr	2	0.3			
	Calshot (Schmidt)	8	990.9	-12	NNE	3	rr	47	85	5	2	-	9	10	1500	988.6	-8	N	3	rr	47	97	6	5	2	-	9	10	1500	1	3	55	41	41	2	8	0.8		
	Lymington	346	991.5	-18	NNE	4	rr	44	97	5	-	10	10	450	989.4	-2	N	3	rr	42	97	5	-	2	-	10	10	220	1	3	56	42	43	Tr	9	2.4			
	Manston	154	991.4	-18	NNE	4	rr	44	97	4	6	2	-	9+	10	450	988.6	-6	NE	4	dd	43	97	4	5	-	10	10	150	1	*	54	42	42	Tr	12			
2	Shoeburyness	11													989.5	-12	N'E	4	rr	42	97	5	6	-	-	10	10	450	1	*	52	42	42	-	10	2.8			
	Felixstowe	15	992.5	-18	NEE	5	rr	43	97	5	6	-	10	10	450	989.5	-14	NNE	5	rr	41	97	6	6	-	-	10	10	450	1	3	50	41	40	-	6	6.4		
	Gorleston	5	994.6	-22	NEN	4	O	40	85	6	5	-	10	10	1500	991.3	-14	NE	5	rr	39	97	5	6	-	-	10	10	1500	1	3	46	39	38	-	4	8.3		
	Mildenhall	19	994.3	-16	NNE	3	zo	42	97	6	5	2	-	7.8	10	800	992.4	-6	N'E	4	rr	40	97	6	-	2	-	10	10	450	1	*	61	40	40	-	3	8.0	
	Cranwell	240	997.0	-14	N'E	3	off	38	97	3	5	-	10	10	220	995.5	-6	N	4	f	37	97	2	*	-	-	10	10	150	0	*	58	37	34	-	-	7.1		
3	Birmingham	535													996.1	0	NNE	4	O	38	92	5	5	-	-	10	10	450	1	*	60	38	37	-	-	7.4			
	Upper Heyford	408	994.5	-14	NNE	4	C	43	85	7	5	7	-	4.6	9+	4000	993.5	-4	N'E	4	rr	39	97	6	-	2	-	10	10	800	1	*	59	39	38	-	-	1.7	
4	Ross-on-Wye	223													995.1	0	N	4	zo	42	75	6	5	7	-	9	9+	1500	1	*	59	41	39	-	-				
5	Hartland Point	299	993.0	-6	NE	4	C	48	85	7	8	4	-	7.8	5	1500	993.5	+10	NNE	4	C	45	85	8	5	6	3	7.8	9	1500	1	3	53	44	43	Tr	2	1.3	
	Bristol	209	994.0	-4	NE	4	ir	46	85	6	5	2	-	7.8	10	4000	993.4	-2	NNE	5	zo	41	85	6	5	7	-	4.6	10	1500	1	*	58	41	39	0.1	Tr	0.8	
	Portland Bill	32	990.7	-18	NE	4	O	45	92	7	5	-	10	10	1500	989.3	-10	N	4	rr	44	92	7	5	-	-	10	10	2500	1	3	47	42	*	3	1	0.2		
	Plymouth	82	991.7	-6	NNE	4	zo	51	75	6	5	2	-	4.6	10	2500	991.4	+2	N'E	5	C	48	65	7	5	3	1	7.8	5+	2500	1	2	55	47	46	-	1	0.2	
	The Lizard	240	992.2	-2	NE	4	C	45	92	7	5	1	-	10	1500	992.9	+10	N	5	C	46	85	8	8	6	-	7.8	7.8	2500	1	3	51	44	*	5	6	0.7		
	Scilly (St. Mary's)	163	993.0	+10	NNE	5	rr	49	92	6	5	2	-	7.8	10	1500	994.5	+12	N	5	C	48	85	6	8	3	3	4.6	9	1500	1	3	53	47	*	2	9	0.6	
	Guernsey	175	988.9	-8	NEE	2	ir	46	97	4	5	-	10	10	800	988.2	+4	N'E	5	rr	48	92	6	5	-	-	10	10	450	2	3	52	45	45	-	12	1.0		
6	Pembroke	142	993.5	+2	NEN	4	bc	48	85	6	8	7	1	2.3	4.6	1500	996.2	+4	NNE	6	Cq	44	92	6	5	7	-	4.6	7.8	1500	1	3	56	43	*	0.2	-	0.7	
7	Holyhead	26	998.1	0	NEN	5	b	45	92	6	-	-	-	0	0	-	998.6	+2	N'W	5	C	43	92	8	5	3	4.6	7.8	1500	1	3	52	43	41	-	-	*		
	Chester (Sealand)	16	998.4	+2	NE	1	b	39	92	3	-	-	-	0	0	-	997.7	-2	N'W	3	m	39	92	4	5	3	5	2.3	4.6	2500	1	*	60	37	32	-	-	6.3	
8	Manchester	70	998.5	-2	NNE	3	zo	40	92	5	-	-	-	0	0	-	997.5	-6	N'W	2	zo	35	92	5	-	4	5	0	2.3	-	1	58	30	24	-	-	4.0		
10	Spurn Head	29	997.5	-8	ENE	4	df	39	97	1	-	-	10	10	150	993.5	-12	N'E	5	F	39	97	1	*	-	-	10	10	150	1	4	47	37	-	0.6	4.9			
	Catterick	175	1000.0	+2	N	1	b	35	97	3	-	-	0	0	-	999.1	0	ENE	2	F	36	97	1	*	-	-	10	10	150	1	*	60	36	26	-	Tr	3.9		
	Tynemouth	108	1001.3	-6	SE	2	C	42	97	6	8	-	9+	9+	2500	999.8	-4	NE	1	of	40	97	2	5	-	-	10	10	1500	1	1	51	40	38	-	-	*		
11	St. Abbs Head	280	999.8	-8	NW	2	C	44	75	7	5	3	-	4.6	9	2500	998.8	-4	NNW	4	bc	41	92	7	4	6	-	4.6	4.6	2500	0	2	50	41	*	-	-	*	
	Leuchars	36	999.5	-2	NW	1	C	43	92	7	5	3	-	4.6	7.8	4000	999.4	-2	NW	1	b	39	92	7	5	-	-	1	1	5700	1	*	55	39	31	-	-	7.0	
12	Beaufort (Abbots L.)	19	1001.0	-6	WSW	1	zo	39	92	6	-	4	-	0	1	-	1000.9	+2	WS	1	b	37	92	8	7	-	-	1	1	4000	1	*	58	36	31	-	-	3.8	
	Eskdalemuir	794													1008.9	-2	NNE	2	b	38	85	7	5	-	-	1	1	1500	0	3	56	34	27	-	-	7.3			
	Point of Ayre	30	999.7	0	N'E	3	C	43	92	8	5	3	-	2.3	9+	2500	999.4	-4	N	5	b	42	92	8	2	-	5	Tr	1	800	0	3	48	41	-	-	5.3		
13A	Tiree	22													1003.4	+6	N	5	bc	43	75	8	2	-	-	2.3	2.3	2500	0	4	52	42	*	-	-	9.1			
13B	Stornoway	80	1003.0	0	NNW	3	pr	42	92	7	5	7	-	7.8	10	2500	1004.0	+8	NNW	4	pr	39	85	8	5	6	3	2.3	9	2500	1	2	47	37	-	-	0.1		
15	Dalwhinnie	1176													*	0	NW	1	C	38	85	7	5	6	-	7.8	10	2500	1	*	51	35	31	Tr	0.5	4.9			
	Aberdeen	79													999.3	-2	NW	3	C	42	92	6	6	3	-	9	10	1500	1	1	51	40	36	0.5	2	2.2			
	Wick	81	999.5	-2	NW	2	C	43	97	6	5	2	-	7.8	10	800	998.7	-6	NW	4	C	41	92	7	5	7	-	7.8	9+	1500	1	1	49	41	*	Tr	1	0.0	
16	Lerwick	156	999.6	-10	E	4	r	40	97	6	5	2	-	7.8	10	800	997.5	-8	NE	4	ir	41	92	7	8	2	-	7.8	10	800	1	*	41	38	-	-	0.4	0.0	
17	Blacksod Point	18	1004.3	+6	N	3	bc	46	92	8	4	-	2.3	2.3	2500	1006.8	+18	N	6	bc	45	85	8	3	-	-	4.6	4.6	1500	0	4								

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.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.			State of Ground. 0-9	Sea. 0-9	WEATHER.										
				Direc.	Force. 0-12					Low.	Med.	High			Low.	Med.					High	Low.	Med.			High	Low.	Med.	High	Low.	Med.	High	7h.—18h. 26th.	13h.—18h. 26th.	18h.—to 27th.	1h.—7h. 27th.
1	London (Kew)...	991.7	+8	Z	4	bc	42	92	6	6	2	-	9	10	1500	994.5	+2	Z	5	bc	43	85	6	5	-	9	10	1500	2	*	errrm	errrm	cm	cbbcm		
	Croydon ...	991.2	+4	Z	4	bc	42	97	4	6	2	-	9	10	220	994.8	+26	Z	4	bc	41	97	4	6	2	-	9	10	450	1	*	omrrrr	omrr	cmrm	cmobcm	
	S. Farnborough	991.5	+6	Z	4	bc	43	92	6	6	-	-	10	10	800	994.5	+20	Z	4	bc	44	75	7	1	4	8	1	4	6	1500	2	*	rrrm	cmrrbc	rmcm	bzcbm
	Boscombe Down	992.2	+10	Z	6	bc	44	85	5	5	2	-	7-8	10	150	994.4	+14	Z	5	bc	49	55	7	5	-	2	4	6	7-8	4000	1	*	errrm	cmrbc	cm	cmobm
	Calshot (Soton.)	990.6	+10	Z	5	bc	44	85	6	6	2	-	9	10	1500	993.6	+20	Z	5	bc	48	75	7	5	7	-	2-3	9	4000	1	3	errrm	cmrbc	bcbcm	bbw	
	Lympne	990.3	+8	Z	4	bc	41	92	6	6	2	-	9	10	450	992.3	+14	Z	5	bc	40	92	6	5	2	-	7-8	10	450	1	3	cmddr	cmddr	cmrrrr	cmobc	
	Manston	992.5	+6	Z	4	bc	41	97	4	5	-	-	10	10	150	992.5	+6	Z	5	bc	40	97	5	6	-	-	10	10	150	1	*	ddrr	errrm	errrm	cmrbc	
2	Shoeburyness ...	990.9	+6	Z	3	bc	41	97	6	6	2	-	9	10	450	993.9	+20	Z	3	bc	40	92	6	6	-	-	10	10	800	1	*	rrrm	errrm	errrm	cbcm	
	Felixstowe	990.1	+2	Z	3	bc	40	97	6	6	-	-	10	10	450	992.3	+14	Z	3	bc	39	97	6	6	2	-	9	10	450	1	3	rrrm	errrm	errrm	cprrbc	
	Gorleston	991.6	0	Z	6	bc	39	97	6	6	-	-	10	10	1500	993.2	+8	Z	6	bc	39	97	6	6	-	-	10	10	1500	1	4	errrm	errrm	errrm	cprr	
	Mildenhall	992.3	+4	Z	5	bc	41	97	5	-	2	-	10	10	450	994.8	+20	Z	5	bc	40	97	6	6	2	-	9	10	450	1	*	cmrr	omrrrr	omrrrr	cmprbc	
	Cranwell	995.1	-2	Z	4	bc	42	85	6	5	-	-	10	10	800	996.4	+10	Z	4	bc	42	85	6	5	-	-	10	10	800	0	*	ffrr	omrrrm	cmrbc	cmrbc	
3	Birmingham	995.8	-2	Z	4	bc	50	55	6	1	-	8	1	7-8	2500	997.3	+14	Z	3	bc	45	75	6	9	1	-	9	10	800	1	*	bc	bc	corrbc	bc	
	Upper Heyford	993.8	+2	Z	4	bc	44	85	6	5	2	-	7-8	10	450	995.6	+10	Z	4	bc	47	75	6	5	2	6	2-3	7-8	2500	1	*	errrm	cmrbc	cmob	bbm	
4	Ross-on-Wye ...	994.8	-4	Z	5	bc	54	45	7	1	-	1	2-3	2-3	4000	997.3	+24	Z	4	bc	47	75	8	8	-	-	10	10	2500	1	*	errrm	cmrbc	cmob	bbcb	
5	Hartland Point	996.4	+14	Z	5	bc	45	85	8	1	-	-	2-3	2-3	2500	999.2	+24	Z	6	bc	46	75	8	1	-	-	2-3	2-3	2500	1	4	bc	bc	bc	bcc	
	Bristol ...	994.1	+2	Z	5	bc	51	65	6	-	-	-	0	4-6	-	996.0	+14	Z	5	bc	50	65	7	4	-	-	7-8	7-8	2500	1	*	bc	bc	bc	bc	
	Portland Bill	991.5	+8	Z	4	bc	46	85	7	5	-	-	10	10	2500	994.5	+20	Z	4	bc	51	92	7	5	7	-	7-8	10	4000	1	3	bc	bc	bc	bc	
	Plymouth	994.2	+8	Z	5	bc	52	55	8	2	7	1	2-3	7-8	4000	997.8	+24	Z	6	bc	48	65	8	7	-	-	4-6	4-6	4000	0	2	bc	bc	bc	bc	
	The Lizard	995.8	+10	Z	6	bc	51	75	7	8	6	-	4-6	4-6	2500	999.6	+12	Z	6	bc	46	75	8	8	6	-	4-6	4-6	2500	0	3	bc	bc	bc	bc	
	Scilly (St. Mary's)	998.2	+16	Z	7	bc	47	85	7	8	4	-	7-8	9	2500	1001.7	+14	Z	6	bc	48	75	7	8	-	-	2-3	2-3	2500	1	4	bc	bc	bc	bcc	
	Guernsey	990.7	+16	Z	5	bc	46	92	6	5	-	-	10	10	800	993.9	+20	Z	5	bc	48	75	6	-	1	8	0	4-6	-	2	3	rrrm	errrm	errrm	cbcb	
6	Pembroke ...	999.4	+4	Z	6	bc	47	85	7	8	-	-	9	9	1500	1000.7	+12	Z	6	bc	46	75	7	1	1	1	2-3	4-6	2600	1	3	bc	bc	bc	prc	
7	Holyhead	999.1	+4	Z	7	bc	47	85	8	1	-	-	2-3	2-3	1500	1001.2	+14	Z	7	bc	45	75	8	4	-	-	Tr	Tr	2500	1	4	bc	bc	bc	bcb	
	Chester (Sealand)	997.6	-4	Z	5	bc	45	85	6	5	-	-	4-6	4-6	4000	999.0	+18	Z	4	bc	46	75	6	5	-	-	7-8	7-8	1500	0	*	bc	bc	bc	bc	
8	Manchester ...	996.4	-10	Z	3	bc	53	55	6	8	3	-	7-8	9	4000	998.3	+20	Z	5	bc	44	75	8	3	4	-	7-8	9	1500	1	*	bc	bc	bc	bc	
10	Spurn Head	994.7	-2	Z	6	bc	40	97	5	5	-	-	10	10	800	995.4	+4	Z	6	bc	41	92	6	5	-	-	10	10	1500	1	4	bc	bc	bc	bc	
	Catterick	997.8	-4	Z	1	bc	41	97	5	5	-	-	10	10	800	998.9	+10	Z	3	bc	42	92	7	8	4	-	4-6	7-8	1500	1	*	bc	bc	bc	bc	
	Tynemouth	999.7	-2	Z	3	bc	41	97	6	5	-	-	10	10	1500	999.9	+4	Z	6	bc	42	85	8	2	-	-	7-8	7-8	2500	1	2	bc	bc	bc	bc	
11	St. Abbs Head	999.8	+2	Z	3	bc	41	92	8	8	2	-	7-8	10	1500	999.1	+2	Z	2	bc	43	65	8	4	9	-	2-3	7-8	2500	0	2	bc	bc	bc	bc	
	Leuchars	999.7	+2	Z	2	bc	43	85	9	7	3	-	7-8	9	2500	999.4	+6	Z	4	bc	46	55	9	7	-	-	7-8	7-8	2500	1	*	bc	bc	bc	bc	
12	Renfrew (Abbots L.)	1001.1	+2	Z	4	bc	46	65	9	8	-	-	7-8	7-8	4000	1001.6	+6	Z	4	bc	44	65	9	8	-	-	4-6	4-6	4000	1	*	bc	bc	bc	bc	
	Eskdalemuir	998.8	-2	Z	4	bc	46	75	8	7	-	-	7-8	7-8	2500	999.6	+6	Z	3	bc	41	65	8	5	-	-	2-3	2-3	2500	1	*	bc	bc	bc	bc	
	Point of Ayre	999.7	+2	Z	5	bc	49	75	8	2	-	-	2-3	2-3	4000	1001.3	+12	Z	6	bc	45	75	8	4	-	-	1	4000	0	3	bc	bc	bc	bc		
13A	Tiree ...	1004.7	0	Z	5	bc	45	65	8	2	6	-	2-3	2-3	4000	1004.7	0	Z	5	bc	43	75	8	8	-	-	2-3	2-3	2500	0	5	bc	bc	bc	bc	
13B	Stornoway	1003.5	-2	Z	6	bc	44	65	8	2	-	-	2-3	2-3	4000	1005.7	+16	Z	5	bc	41	65	8	8	7	-	4-6	9	2500	1	2	bc	bc	bc	bc	
15	Dalwhinnie	1001.5	-2	Z	5	bc	42	55	8	8	4	-	4-6	7-8	4000	*	+8	Z	3	bc	38	65	8	8	6	-	7-8	9	4000	1	*	bc	bc	bc	bc	
	Aberdeen	999.1	-2	Z	4	bc	44	75	8	8	3	-	9	9	2500	999.1	+4	Z	5	bc	39	92	8	8	-	-	4-6	4-6	2500	1	1	bc	bc	bc	bc	
	Wick ...	998.6	-2	Z	4	bc	45	75	8	8	7	4	4-6	7-8	1500	1000.0	+6	Z	6	bc	41	75	8	8	7	1	2-3	7-8	1500	1	2	bc	bc	bc	bc	
16	Lerwick...	1005.7	-8	Z	4	bc	41	92	8	8	7	-	7-8	9	1500	996.1	+2	Z	7	bc	38	92	8	8	7	-	7-8	9	1500	1	*	bc	bc	bc	bc	
17	Blacksod Point...	1008.7	+6	Z	5	bc	49	65	8	3	-	-	4-6	4-6	1500	1010.1	+10	Z	5	bc	46	85	8	9	-	-	9	9	800	0	3	bc	bc	bc	bc	
18	Malin Head	1005.8	+4	Z	5	bc	44	75	8	2	-	1	2-3	4-6	5700	1007.7	+4	Z	6	bc	44	65	8	4	-	-	4-6	4-6	5700	0	3	bc	bc	bc	bc	
	Aldergrove	1003.4	+6	Z	5	bc	45	65	8	2	-	-	7-8	7-8	2500	1004.9	+14	Z	5	bc	43	55	8	1	-	-	2-3	2-3	2500	1	*	bc	bc	bc	bc	
19	Birr Castle	1005.0	+6	Z	4	bc	50	55	8	4	-	-	7-8	7-8	1500	1006.9	+10	Z	4	bc	48	55	8	5	-	-	2-3	2-3	2500	1	*	bc	bc	bc	bc	
20	Valentia Obsy. †	1008.1	+12	Z	6	bc	51	55	8	8	-	-	4-6	4-6	4000	1010.3	+18	Z	6	bc	48	65	8	8	-	-	4-6	4-6	2500	1	3	bc	bc	bc	bc	
	Roches Point	1003.8	+14	Z	6	bc	50	65	9	8	-	-	4-6	4-6	2500	1006.0	+20	Z	6	bc	50	55	9	1	-	-	2-3	2-3	4000	1	3	bc	bc	bc	bc	

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

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

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

<, less than (for cloud height): /gale.
☉ Solar halo. ☾ lunar halo. ☀ Aurora.

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

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

COLUMN 29 —STATE OF GROUND

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

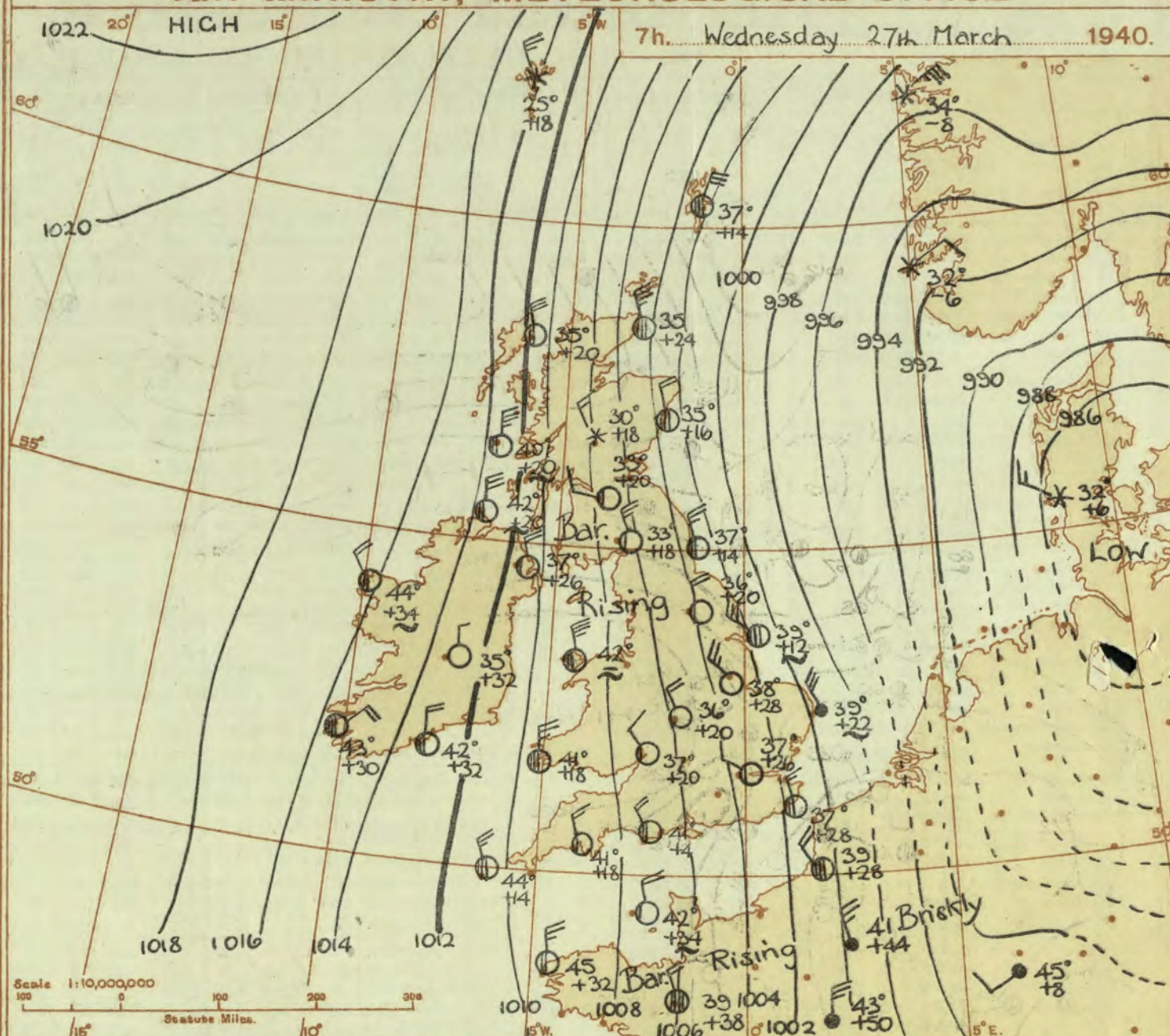
- 0 No cirriform cloud.
- 1 Fine Ci not increasing: sparse.
- 2 Fine Ci not increasing: abundant but not a continuous layer.
- 3 Anvil Ci (usually dense).
- 4 Fine Ci increasing: usually in tufts.
- 5 Ci or Cs increasing: still below 45° altitude: often in polar bands.
- 6 Ci or Cs increasing and reaching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

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

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 27th March 1940.



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	
11 S.E. Scotland	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.
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 north, moderate to fresh, strong on North Coast, moderating; considerable bright periods; occasional showers, more especially in the north; cold, with frost inland tonight.
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.

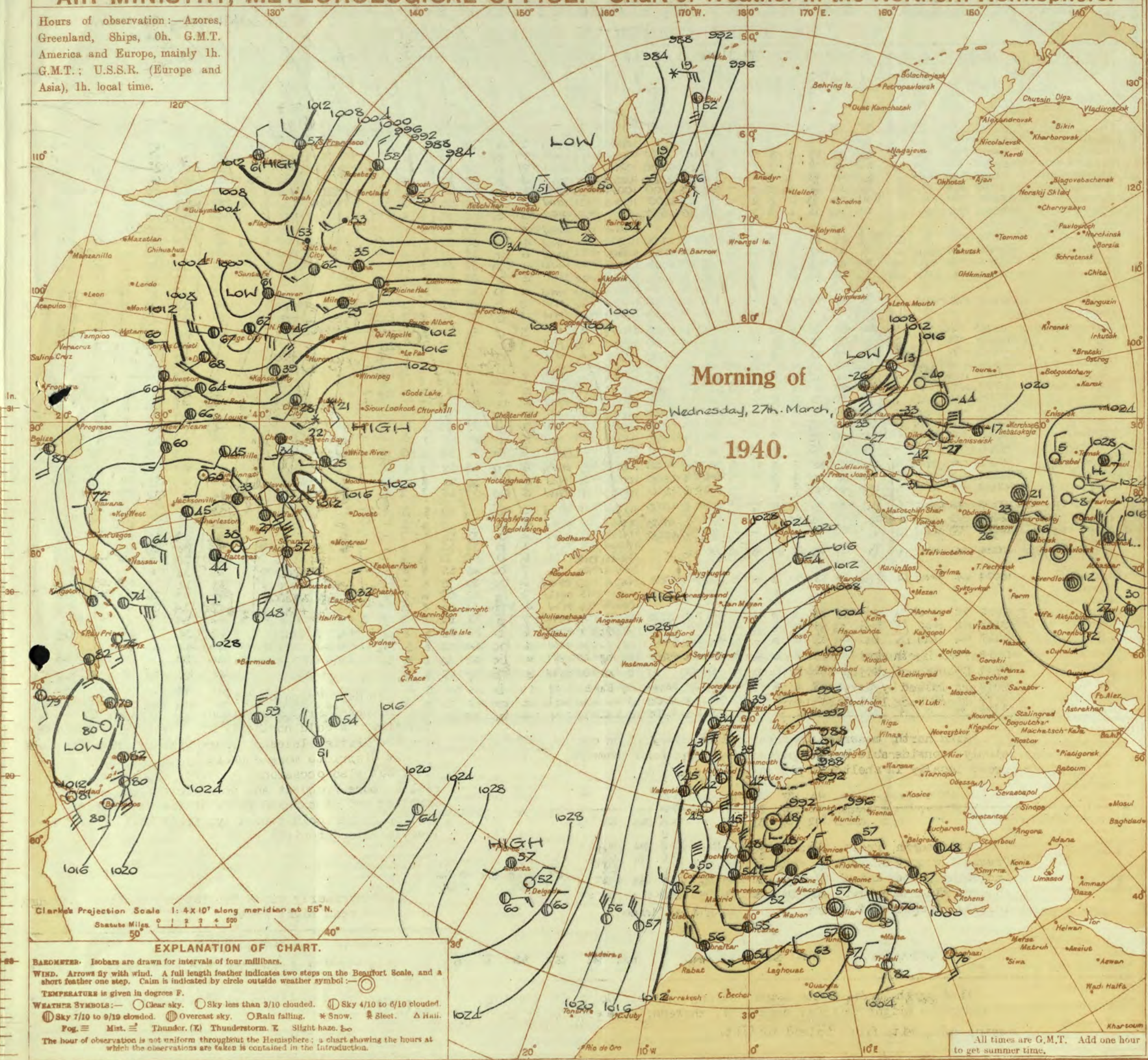
GALE WARNING.
Gale Warning Issued on 26th at 1435 in districts 7, 8, 12, 13A, 13B, 18 & 19.
Gale Warning Issued on 26th at 1930 in districts 15 & 16.

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

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

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

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



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Wednesday, 27th March, 1940.

No. 28615.

OBSERVATIONS at 1 hr. G.M.T. 27th March														OBSERVATIONS at 7 hr. G.M.T. 27th 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. (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. 24th Hrs. (36)	
					Direc. (3)	Force. (4)					Form. (10)	Amount. (11)	Height of Base. (feet) (14)	Direc. (17)	Force. (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)						
																																0-12 (5)	0-10 (12)	0-10 (13)	0-12 (19)		0-10 (26)	0-10 (27)
1	London (Kew)	18	30.3	+20	NW	4	z	42	57	5	3	10	2500	1004.0	+30	NNW	2	z	38	75	6	3	6	0	0	0	2	43	37	32	15	-	0.0	0.0			
	Croydon	217	30.3	+20	NW	4	z	42	57	5	3	10	2500	1003.8	+26	NNW	2	z	37	85	5	5	5	0	0	0	2	42	37	34	21	-	0.0	0.0			
	S. Farnborough	226	30.3	+22	NW	5	z	41	75	6	5	1	2500	1004.3	+26	NNW	2	b	35	85	7	4	4	0	0	0	2	44	35	31	15	-	0.0	0.0			
	Boscombe Down	417	1004.0	+30	NW	5	z	41	85	6	5	1	2500	1003.7	+30	NW	3	b	35	85	8	5	4	0	0	0	2	51	34	32	1	-	0.0	2.4			
	Calshot (St. Mary's)	348	30.3	+18	N	5	z	44	85	6	5	1	1500	1004.6	+26	NW	3	bc	37	85	7	4	3	0	0	0	2	48	36	33	5	-	0.0	0.0			
	Lymington	348	30.3	+18	N	4	z	40	85	6	5	2	1500	1001.8	+28	NNW	3	bc	37	85	6	5	5	4	4	0	2	42	37	35	6	-	0.0	0.0			
	Manston	164	30.3	+18	N	5	z	40	85	6	5	2	1500	1001.1	+26	NNW	5	z	39	85	6	8	8	4	4	0	2	44	38	37	8	-	0.0	0.0			
2	Shoeburyness	11	30.4	+12	N	5	bc	42	85	6	5	1	2500	1002.4	+22	NNW	4	b	39	85	6	8	8	1	1	0	4	43	37	32	11	-	0.0	0.0			
	Felixstowe	15	30.4	+12	N	5	bc	42	85	6	5	1	2500	1000.6	+24	NNW	4	bc	39	85	7	6	8	7	8	0	4	41	37	35	7	-	0.0	0.0			
	Gorleston	5	30.2	+10	NNW	4	c	39	82	7	5	1	2500	1003.5	+22	NNW	6	bc	35	75	7	8	8	7	8	0	4	42	37	32	12	-	0.0	0.0			
	Mildenhall	19	30.1	+16	NW	4	z	40	82	6	8	2	4000	1001.8	+24	NNW	4	bc	38	85	7	5	3	4	4	0	4	41	35	32	12	-	0.1	0.0			
	Cranwell	240	30.4	+8	NNW	4	z	37	85	6	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	35	32	-	-	0.0	1.4			
3	Birmingham	535	30.3	+22	NNW	2	b	38	92	7	5	1	2500	1005.8	+20	NNW	4	b	36	75	6	5	4	0	0	0	1	53	34	31	-	-	3.8	3.8			
	Upper Heyford	408	1001.0	+22	NNW	2	b	38	92	7	5	1	2500	1005.1	+26	NW	3	b	35	92	6	5	8	1	1	0	1	50	33	29	0.5	-	-	1.1	1.1		
4	Ross-on-Wye	223	30.3	+22	NNW	2	b	38	92	7	5	1	2500	1006.9	+20	NW	2	b	37	75	8	7	8	7	7	0	1	54	35	27	-	-	4.1	4.1			
5	Hartland Point	299	1005.2	+26	N	5	bc	42	65	8	2	1	2500	1008.2	+18	N	5	c	42	75	8	3	4	4	4	0	4	46	41	39	-	-	10.2	10.2			
	Bristol	209	1002.8	+26	N	5	b	40	75	8	5	1	4000	1007.0	+28	NW	2	b	35	85	7	4	4	0	0	0	1	55	33	27	-	-	3.0	3.0			
	Portland Bill	32	1001.9	+24	N	4	c	44	82	7	5	4	4000	1006.1	+4	NW	4	bc	41	92	8	1	1	2	3	0	3	54	40	36	-	-	7.0	7.0			
	Plymouth	32	1004.4	+26	NNW	6	b	43	65	8	8	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	54	40	36	-	-	7.0	7.0			
	The Lizard	240	1006.0	+24	NW	6	bc	41	65	8	8	1	2500	1008.5	+20	NNW	4	bc	41	75	8	8	6	4	4	0	2	52	39	35	-	-	7.0	7.0			
	Scilly (St. Mary's)	163	1007.3	+18	NW	6	bc	45	65	8	8	1	2500	1009.6	+14	NW	5	c	44	85	8	8	6	4	4	0	3	49	44	41	-	-	7.0	7.0			
	Guernsey	175	1000.8	+28	NW	5	c	45	75	7	8	1	1500	1006.4	+34	NW	4	b	42	65	7	1	1	1	1	0	4	49	41	36	-	-	7.0	7.0			
6	Pembroke	142	1005.7	+16	NNE	5	bc	42	75	8	8	1	2500	1009.2	+18	N	5	bc	41	85	8	8	8	7	8	0	3	49	40	36	-	-	7.0	7.0			
7	Holyhead	26	1004.0	+6	NW	6	bc	42	85	8	2	1	2500	1008.2	+26	NW	7	bc	42	65	9	7	1	2	3	0	4	47	41	39	-	-	10.2	10.2			
	Chester (Sealand)	16	1002.7	+10	NW	4	bc	40	75	7	3	1	2500	1007.0	+28	NW	5	b	39	65	7	7	1	1	1	0	3	51	37	33	-	-	4.2	4.2			
8	Manchester	70	1001.8	+10	NNW	3	b	36	85	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	54	29	19	0.3	-	4.3	4.3			
10	Spurn Head	29	1007.2	+4	NW	5	c	41	85	7	5	1	2500	1000.9	+12	NNW	6	c	39	75	7	4	1	4	4	0	4	41	38	35	-	-	0.0	0.0			
	Catterick	175	1000.8	+12	N	3	z	38	75	6	5	1	2500	1004.1	+20	NW	4	b	36	75	8	5	1	0	0	0	1	45	36	22	-	-	0.0	0.0			
	Tynemouth	108	1000.7	+4	N	5	bc	40	75	7	2	1	2500	1002.5	+14	NNW	5	bc	37	65	7	2	1	2	3	0	3	44	36	32	-	-	0.0	0.0			
11	St. Abbs Head	280	1000.7	+10	NNW	6	bc	39	75	8	4	6	2500	1003.4	+18	NNW	6	bc	37	75	8	3	4	2	3	0	4	43	36	30	-	-	0.0	0.0			
	Leuchars	38	1002.2	+12	NW	4	b	38	65	9	5	1	4000	1004.7	+12	NNW	4	b	36	65	9	5	1	1	1	0	3	49	35	31	0.5	-	3.1	3.1			
12	Renfrew (Abbots I.)	19	1005.6	+8	NNW	2	b	36	75	8	4	1	4000	1008.6	+20	NNW	2	b	33	85	9	7	1	1	1	0	1	52	32	23	0.3	-	6.7	6.7			
	Eska Dalemuir	794	1005.6	+8	NNW	2	b	36	75	8	4	1	4000	1006.4	+18	NNW	5	b	33	65	8	5	1	1	1	0	3	48	31	29	-	-	5.8	5.8			
	Point of Ayre	30	1003.6	+4	NW	6	b	41	85	8	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	39	31	-	-	10.4	10.4			
13A	Tiree	22	1008.4	+4	NNW	4	bc	34	85	7	3	1	2500	1012.1	+20	N	7	bc	40	85	8	8	1	4	4	0	5	47	38	31	-	-	10.1	10.1			
13B	Stornoway	80	1008.4	+4	NNW	4	bc	34	85	7	3	1	2500	1012.4	+20	NNW	6	bc	35	75	8	5	1	4	4	0	4	45	32	29	0.3	-	7.8	7.8			
15	Dalwhinnie	1176	1008.4	+4	NNW	4	bc	34	85	7	3	1	2500	1012.4	+20	NNW	6	bc	35	75	8	5	1	4	4	0	4	45	32	29	0.3	-	7.8	7.8			
	Aberdeen	79	1008.4	+4	NNW	4	bc	34	85	7	3	1	2500	1012.4	+20	NNW	6	bc	35	75	8	5	1	4	4	0	4	45	32	29	0.3	-	7.8	7.8			
	Wick	81	1001.8	+2	NNW	6	c	38	65	8	5	7	1500	1004.9	+24	NNW	7	bc	35	97	6	8	6	7	8	0	4	43	29	26	0.2	-	5.4	5.4			
16	Lerwick	156	1008.5	+12	NNE	8	c	35	97	7	8	2	78 10 800	1002.0	+14	NNE	7	c	37	85	8	8	7	4	4	0	3	46	34	31	-	-	2.2	2.2			
17	Blackad Point	18	1010.7	+4	NW	3	bc	44	85	8	5	1	464 6 800	1016.7	+34	NW	4	bc	44	75	8	3	1	4	4	0	4	49	41	30	-	-	0.0	0.0			
18	Malin Head	84	1008.9	+16	N	6	bc	43	75	8	2	6	23 4 6 4000	1013.6	+20	N	6	bc	42	65	8	8	6	4	4	0	4	46	37	30	-	-	0.0	0.0			
	Aldergrove	288	1006.8	+10	NNW	4	b	39	75	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0													

AIR
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THE DAILY WEATHER REPORT

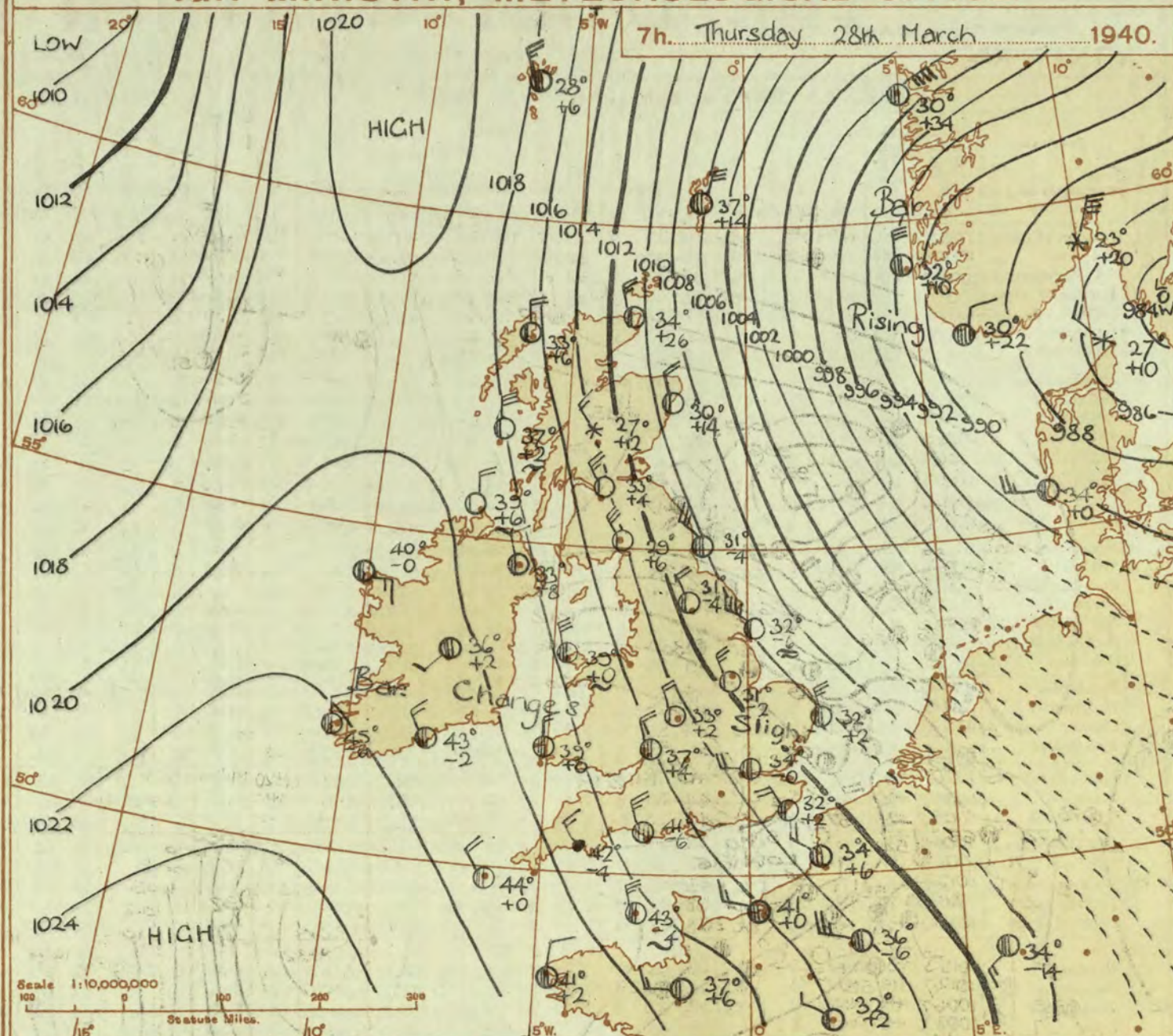
OF THE METEOROLOGICAL OFFICE, LONDON.

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.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	WEATHER.									
				Dir.	Force.					Low.	Med.	High.			Low.	Total.					Height of Base. (feet)	Dir.	Force.			Low.	Med.					High.	Low.	Total.	Height of Base. (feet)	State of Ground.	Sea.	7h.—13h. 27th.	13h.—18h. 27th.	18h.—27th 1h.—28th.	1h.—7h. 28th.
1	London (Kew)...	1007.7	+16	NNW	4	C	46	35	7	2	-	-	7-8	1011.6	+30	NNW	4	C	43	65	6	5	-	-	9	9	2500	2	*	brmby	bcyprcy	cbebzj	bbc								
	Croydon ...	1007.6	+18	NW	4	bc	46	45	7	2	-	-	4-6	1010.4	+20	NNW	3	z	45	55	6	2	6	-	7-8	7-8	2500	1	*	bcy	bczpy	czybzj	bzbcc								
	S. Farnborough	1008.4	+18	NW	4	bc	47	35	8	2	-	-	4-6	1011.6	+22	NNW	4	bc	45	45	7	1	-	-	2-3	2-3	4000	1	*	brmby	bcyprcy	czybzj	bzbcc								
	Boscombe Down	1005.6	+18	NNW	5	bc	43	65	8	8	-	-	4-6	1012.9	+22	NW	3	bc	43	45	8	1	-	-	2-3	2-3	4000	0	*	bbe	bc	bzbcc	bzbcc								
	Calshot (Soton.)	1008.6	+18	NNW	4	bc	47	35	8	1	-	-	4-6	1012.1	+20	NNW	4	b	45	55	8	1	-	-	1	1	4000	1	2	bby	bcyby	bzbcc	bzbcc								
	Lymington	1007.2	+18	NNW	4	C	45	45	8	2	-	-	7-8	1010.7	+22	NNW	4	C	44	45	8	8	-	-	7-8	7-8	4000	1	2	bcy	bcyjp	bzbcc	bzbcc								
	Manston	1006.5	+26	NNW	5	bc	46	65	7	1	-	-	4-6	1005.6	+24	NW	4	cjp	42	65	8	8	3	-	7-8	3	1500	0	*	bcy	bcyjp	bzbcc	bzbcc								
2	Shoeburyness ...	1007.4	+20	NNW	4	bc	47	45	8	1	-	-	4-6	1010.3	+30	N	4	bc	42	65	8	7	-	-	4-6	4-6	2500	1	3	bc	bc	cprbc	cbe								
	Felixstowe ...	1005.6	+26	NW	5	C	46	55	8	2	-	-	7-8	1009.0	+16	NW	5	bc	41	65	8	5	4	-	4-6	4-6	2500	1	3	pracy	bcy	bzbcc	bzbcc								
	Gorleston ...	1003.0	+20	NNW	6	C	41	75	8	8	-	-	7-8	1007.6	+40	NNW	3	cpr	37	85	7	8	-	-	7-8	7-8	2500	1	3	cprh	cprh	bzbcc	bzbcc								
	Mildenhall ...	1005.5	+12	NW	5	C	46	55	8	8	-	-	7-8	1005.9	+32	NNW	3	cpr	41	65	8	8	7	-	3	9	4000	0	*	bcy	cpr	bzbcc	bzbcc								
	Cranwell ...	1006.6	+14	NNW	5	C	45	45	8	2	-	-	3	1010.3	+22	NNW	4	C	41	55	8	5	-	-	7-8	7-8	7200	1	*	bby	bcyprcy	cprbc	cbe								
3	Birmingham	1003.5	+18	NNW	4	bc	44	45	8	7	-	-	4-6	1012.8	+20	NW	4	bc	41	45	8	8	-	-	4-6	4-6	2500	1	*	bby	bcyprcy	bzbcc	bzbcc								
	Upper Heyford	1008.7	+14	NNW	4	bc	43	45	7	8	-	-	4-6	1012.4	+24	NW	5	b	42	55	7	2	-	-	1	1	2500	1	*	bby	bcyprcy	bzbcc	bzbcc								
4	Ross-on-Wye ...	1011.2	+20	N	4	bc	43	45	3	2	-	-	4-6	1013.9	+16	NNW	3	bc	42	45	3	4	-	-	2-3	2-3	4000	1	*	bby	bcyprcy	bzbcc	bzbcc								
5	Hartland Point	1013.8	+28	N	5	bc	42	55	8	2	-	-	4-6	1016.6	+18	N	6	bc	43	65	8	3	4	-	4-6	4-6	2500	0	4	bcy	bcyprcy	bzbcc	bzbcc								
	Bristol ...	1010.7	+22	NNW	4	bc	46	45	8	7	-	-	4-6	1014.3	+20	NW	4	bc	44	45	8	4	-	-	2-3	2-3	4000	1	3	bcy	bcyprcy	bzbcc	bzbcc								
	Portland Bill ...	1010.2	+20	NW	4	C	47	32	8	3	4	-	4-6	1013.1	+20	N	4	bc	45	52	8	5	-	-	4-6	4-6	4000	1	3	bc	bcyprcy	bzbcc	bzbcc								
	Plymouth ...	1012.8	+26	NW	6	bc	46	45	9	2	-	-	4-6	1016.2	+26	NNW	7	bc	44	55	9	2	-	-	2-3	2-3	2500	1	2	bcy	bcyprcy	bzbcc	bzbcc								
	The Lizard ...	1014.3	+16	NNW	5	bc	45	65	8	6	-	-	4-6	1017.6	+16	NNW	6	bc	44	65	8	6	-	-	4-6	4-6	2500	0	3	cpr	bcyprcy	bzbcc	bzbcc								
	Scilly (St. Mary's)	1013.4	+30	NW	5	bc	47	35	8	4	3	-	2-3	1018.5	+14	N	5	bc	46	55	8	8	-	-	4-6	4-6	2500	0	3	cpr	bcyprcy	bzbcc	bzbcc								
	Guernsey ...	1010.9	+20	NW	5	b	49	55	8	1	-	-	1	1014.0	+20	NNW	4	b	45	55	8	1	-	-	1	1	2500	1	4	b	bcyprcy	bzbcc	bzbcc								
6	Pembroke ...	1014.6	+16	N	6	bc	44	75	7	8	-	-	7-8	1017.7	+8	NNE	6	bc	43	65	8	5	7	-	4-6	4-6	2500	1	3	cpr	bcyprcy	bzbcc	bzbcc								
7	Holyhead ...	1013.5	+26	NNW	7	bc	44	65	8	2	-	-	4-6	1016.2	+18	NNW	7	C	42	55	8	8	-	-	7-8	7-8	2500	1	4	bcy	bcyprcy	bzbcc	bzbcc								
	Chester (Sealand)	1011.7	+22	NNW	6	bc	44	55	9	7	-	-	2-3	1013.6	+8	NNW	7	C	42	55	7	8	-	-	7-8	7-8	1500	0	*	bby	bcyprcy	bzbcc	bzbcc								
8	Manchester ...	1003.6	+16	NNW	5	C	45	45	8	2	-	-	7-8	1012.0	+18	NW	4	bc	41	55	8	2	-	-	2-3	2-3	2500	1	*	bby	bcyprcy	bzbcc	bzbcc								
10	Spurn Head ...	1002.0	+8	NW	8	bc	41	75	8	5	-	-	10	1010.1	+10	NNW	3	C	41	55	8	8	3	-	4-6	7-8	2500	0	5	cpr	bcyprcy	bzbcc	bzbcc								
	Catterick ...	1007.7	+22	NW	5	C	44	55	8	8	-	-	7-8	1010.1	+10	NNW	3	C	41	55	8	8	3	-	4-6	7-8	4000	1	4	bcy	bcyprcy	bzbcc	bzbcc								
	Tynemouth ...	1005.7	+24	N	8	C	41	65	8	2	-	-	7-8	1009.9	+12	N	6	bc	39	65	8	2	-	-	4-6	4-6	2500	1	4	bcy	bcyprcy	bzbcc	bzbcc								
11	St. Abbs Head	1006.4	+16	NNW	7	bc	38	65	8	2	6	-	4-6	1008.8	+8	N	8	bc	36	65	8	3	-	-	2-3	2-3	2500	0	5	cpr	bcyprcy	bzbcc	bzbcc								
	Leuchars ...	1008.7	+14	NW	5	bc	42	85	9	8	-	-	4-6	1010.7	+10	NW	6	b	36	65	9	1	-	-	1	1	4000	1	*	cbe	bcyprcy	bzbcc	bzbcc								
12	Rentrev (Abbots L.)	1012.3	+14	N	3	bc	43	45	9	8	-	-	4-6	1013.8	+14	NW	5	b	38	55	9	2	6	1	-	1	1	4000	0	*	bcy	bcyprcy	bzbcc	bzbcc							
	Eskdalemuir ...	1010.3	+20	NW	5	C	38	55	9	8	-	-	4-6	1011.6	+12	NW	3	bc	36	45	9	8	-	-	4-6	4-6	2500	1	*	bcy	bcyprcy	bzbcc	bzbcc								
	Point of Ayre ...	1013.0	+20	NW	6	bc	45	65	8	7	-	-	2-3	1015.0	+18	NW	7	bc	41	65	8	8	-	-	4-6	4-6	4000	0	4	bc	bcyprcy	bzbcc	bzbcc								
13a	Tiree ...	1015.3	+8	NNW	6	C	36	65	7	3	-	-	7-8	1017.5	+4	N	7	bc	39	55	8	8	-	-	4-6	4-6	2500	0	5	bc	bcyprcy	bzbcc	bzbcc								
13b	Stornoway ...	1012.7	+14	NW	4	C	34	92	8	6	-	-	7-8	1016.9	+10	NNW	6	cpr	32	85	7	9	-	-	3	3	800	1	3	bcy	bcyprcy	bzbcc	bzbcc								
15	Dalwhinnie ...	1012.7	+14	NW	4	C	34	92	8	6	-	-	7-8	1016.9	+10	NNW	6	C	32	85	7	9	6	-	7-8	10	2500	4	*	cis	cis	bzbcc	bzbcc								
	Aberdeen ...	1006.7	+10	NNW	7	bc	38	85	8	9	-	-	7-8	1009.0	+12	NNW	5	ps	32	85	7	9	-	-	4-6	4-6	2500	1	3	bcy	bcyprcy	bzbcc	bzbcc								
	Wick ...	1008.2	+8	NNW	8	bc	35	85	7	8	7	-	4-6	1009.5	+8	NNW	8	ps	29	97	7	9	8	-	7-8	3	450	4	3	bcy	bcyprcy	bzbcc	bzbcc								
16	Lerwick ...	1002.3	-2	NNW	7	bc	32	97	6	2	-	-	4-6	1002.8	0	NNW	7	ps	29	97	6	8	7	-	7-8	3	800	8	*	bcy	bcyprcy	bzbcc	bzbcc								
17	Blackad Point...	1021.7	+16	N	4	bc	45	75	9	3	-	-	2-3	1022.6	+2	NW	2	bc	45	65	8	2	-	-	4-6	4-6	2500	0	4	bcy	bcyprcy	bzbcc	bzbcc								
18	Malin Head ...	1018.4	+24	N	6	C	41	75	8	4	6	-	4-6	1019.6	+6																										

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 28th March 1940.



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.

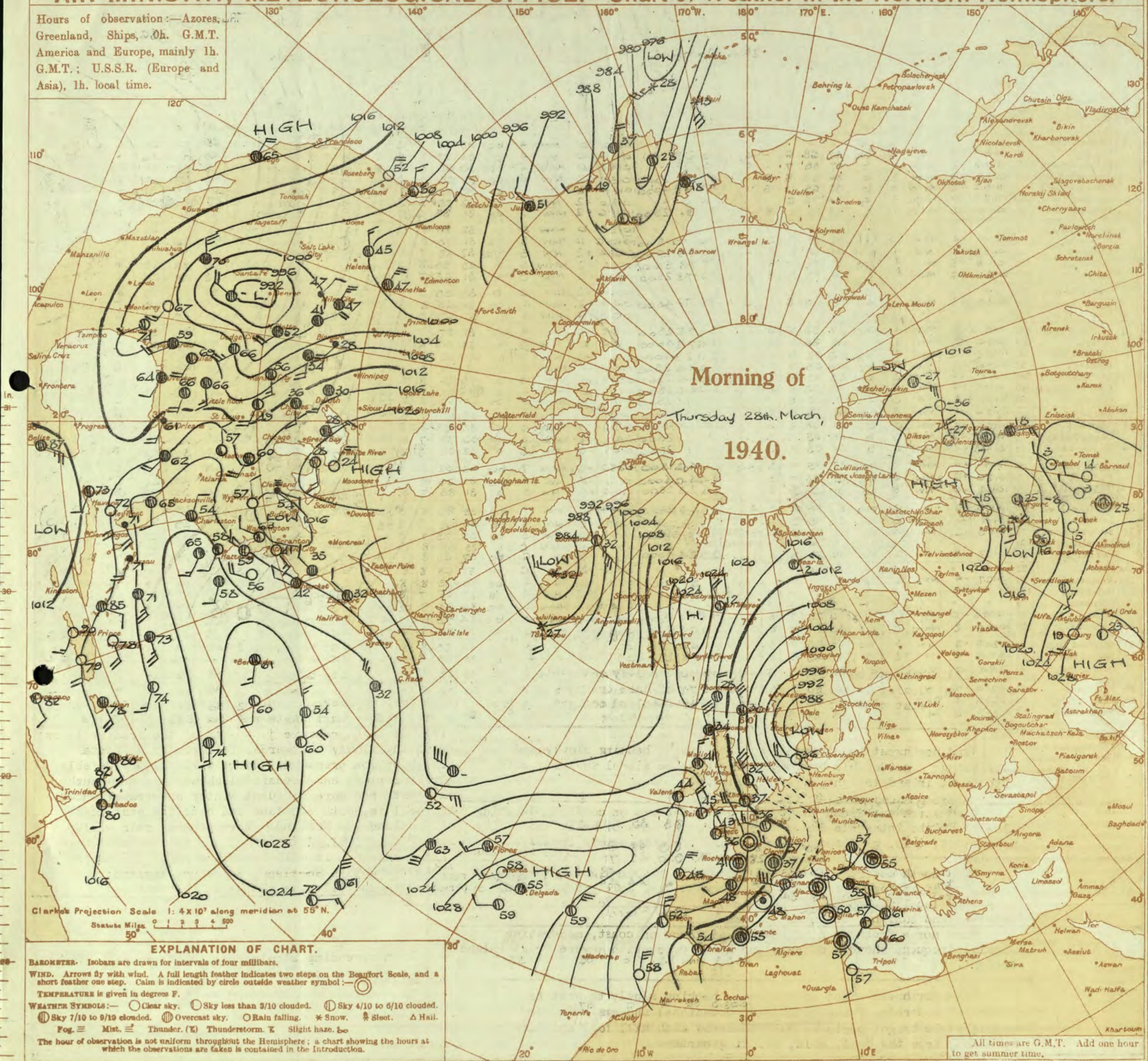
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

4.476/3853, M.B.105 E.626, W.D.48 15,500 340

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

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



AIR
MINISTRY.

THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 28th March 1940.

No 28616

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. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.				
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.								
																																Low.	Med.	High.		Low.	Total.	Low.	Med.
1	London (Kew)	18	1013.4	-2	W	4	bc	37	65	6	-	-	-	1013.6	0	NW	4	bc	35	65	7	5	-	-	4-6	4-6	2500	2	48	34	28	Tr	-	9.7					
	Croydon	217	1013.4	-2	W	4	bc	37	65	6	-	-	-	1013.4	0	W	4	bc	34	65	7	5	3	-	4-6	7-8	4000	1	48	33	30	0.2	Tr	9.1					
	S. Farnborough	226	1014.3	-2	NW	4	bc	37	55	7	-	-	-	1014.2	0	NW	4	bc	35	65	8	5	2	-	7-8	7-8	4000	1	48	32	31	0.2	Tr	9.1					
	Boscombe Down	417	1015.7	+2	WNW	3	bc	34	65	8	-	-	-	1015.5	+2	NW	4	bc	36	65	6	2	-	-	10	10	2500	0	46	33	29	Tr	Tr	10.6					
	Calshot (St. Mary's)	8	1015.2	+2	WNW	3	bc	39	65	7	-	-	-	1014.4	+2	W	4	bc	38	75	8	8	1	7-8	9	2500	1	47	35	31	-	-	10.1						
	Lympne	346	1012.8	0	WNW	3	bc	34	75	6	-	-	-	1013.0	+2	NW	4	bc	32	75	8	2	-	-	2-3	2-3	4000	1	47	31	20	-	-	8.7					
	Manston	164	1011.5	-2	NW	4	bc	38	75	6	-	-	-	1011.6	+2	NNW	6	bc	31	85	6	9	-	-	7-8	7-8	450	0	47	31	31	Tr	Tr	7.9					
2	Shoeburyness	11	1011.3	+4	NW	3	bc	33	97	5	-	-	-	1012.5	0	NNW	3	bc	32	85	8	2	-	-	1	1	2500	1	49	31	26	-	Tr	9.0					
	Felixstowe	15	1011.3	+4	NW	3	bc	33	97	5	-	-	-	1010.6	0	NNW	5	bc	31	75	9	4	-	-	2-3	2-3	2500	4	48	30	27	Tr	2	5.7					
	Gorleston	5	1009.5	0	NW	4	bc	34	85	8	-	-	-	1009.4	+2	NW	5	bc	32	85	7	8	-	-	7-8	7-8	2500	3	49	28	25	Tr	1	4.9					
	Mildenhall	19	1011.6	+8	WNW	4	bc	34	92	7	-	-	-	1011.3	-2	NNW	5	bc	29	85	8	2	-	-	1	1	2500	7	49	28	24	Tr	Tr	8.2					
	Cranwell	240	1012.1	+6	NNW	4	bc	34	75	5	-	-	-	1012.0	-2	NW	5	bc	31	65	7	5	4	-	-	Tr	1	2500	4	48	29	24	Tr	Tr	8.2				
3	Birmingham	535	1014.5	+2	NW	4	bc	35	65	8	-	-	-	1014.4	+2	NW	4	bc	33	55	6	-	-	5	0	Tr	-	2500	1	45	33	28	Tr	Tr	8.6				
	Upper Heyford	408	1014.5	+2	NW	4	bc	35	65	8	-	-	-	1014.4	+2	NW	4	bc	33	65	8	5	3	-	2-3	2-3	2500	0	47	31	28	Tr	Tr	8.6					
4	Ross-on-Wye	223	1014.5	+2	NW	4	bc	35	65	8	-	-	-	1014.3	+4	NNW	4	bc	37	65	7	5	-	-	7-8	7-8	2500	1	48	35	29	Tr	-	9.0					
5	Hartland Point	299	1013.0	-2	NNW	4	bc	42	65	8	3	2	-	2-3	7-8	2500	1018.8	+6	N	4	bc	38	97	7	6	2	-	9	10	1500	1	44	36	37	Tr	0.3	7.0		
	Bristol	209	1017.0	-2	NNW	5	bc	38	65	8	5	3	-	4-6	7-8	4000	1016.4	0	NW	5	bc	38	65	8	5	3	1	7-8	9	4000	1	49	36	29	-	-	9.2		
	Portland Bill	32	1016.6	+6	NW	4	bc	40	92	8	4	-	-	2-3	2-3	4000	1016.1	-6	NW	5	bc	41	92	8	5	-	-	10	10	4000	1	52	39	-	-	-	9.1		
	Plymouth	82	1019.6	+6	NW	2	bc	40	65	8	5	-	-	4-6	4-6	2500	1018.5	-4	NNW	3	bc	42	75	6	5	-	5	10	2500	1	48	40	34	Tr	Tr	10.1			
	The Lizard	240	1021.8	+4	NW	2	bc	38	75	8	8	6	-	4-6	4-6	2500	1020.8	-4	NW	3	bc	43	75	8	8	6	-	7-8	7-8	2500	0	49	35	-	-	-	0.5		
	Scilly (St. Mary's)	163	1021.2	+4	NW	3	bc	45	65	8	4	-	-	4-6	4-6	2500	1020.7	0	NNW	4	bc	44	75	8	8	4	-	4-6	9	2500	0	48	43	-	-	-	9.1		
	Guernsey	175	1017.7	+8	NW	5	bc	41	55	8	1	-	-	1	1	2500	1017.7	0	NNW	5	bc	43	65	8	4	1	-	9	10	4000	1	50	40	35	Tr	-	10.5		
6	Pembroke	142	1013.4	-4	NW	5	bc	43	75	8	8	-	-	9	9	1500	1018.7	0	N	3	bc	39	85	7	8	-	5	9	1500	1	47	36	-	Tr	1	7.4			
7	Holyhead	26	1018.1	-2	NW	6	bc	41	65	8	5	-	-	10	10	1500	1017.3	0	NNW	6	bc	39	65	9	2	-	4-6	7-8	2500	1	45	35	-	Tr	Tr	6.0			
	Chester (Sealand)	16	1015.2	+2	NW	6	bc	38	45	7	5	-	-	1	1	2500	1016.1	+12	NNW	6	bc	36	75	7	8	5	-	4-6	4-6	2500	1	45	35	-	Tr	Tr	6.0		
8	Manchester	70	1014.3	+4	WNW	4	bc	34	65	7	5	-	-	1	1	2500	1014.9	+6	NW	5	bc	32	55	7	2	4	-	1	1	2500	0	47	30	23	Tr	-	0.3		
10	Spurn Head	29	1008.7	+4	WNW	7	bc	32	75	7	5	-	-	4-6	4-6	1500	1008.2	-6	WNW	7	bc	32	92	8	3	-	2-3	2-3	1500	0	44	31	-	Tr	Tr	5.3			
	Catterick	175	1012.0	+6	NW	4	bc	31	75	7	5	-	-	4-6	4-6	4000	1011.6	-4	NW	4	bc	31	65	8	8	-	4-6	4-6	4000	3	45	29	21	-	-	7.5			
	Tynemouth	108	1011.2	-6	NW	5	bc	31	65	7	2	-	-	2-3	2-3	2500	1010.6	-4	NW	5	bc	31	85	7	9	-	-	7-8	7-8	1500	3	43	29	25	0.1	-	7.5		
11	St. Abbs Head	280	1003.8	-2	N	6	bc	31	85	8	3	4	-	2-3	4-6	2500	1008.7	0	NW	7	bc	33	85	8	5	2	-	7-8	10	1500	1	42	29	-	Tr	Tr	9.9		
	Leuchars	36	1011.3	-2	NW	5	bc	30	75	9	-	-	-	0	0	-	1010.7	+2	NW	6	bc	34	65	7	5	3	-	1	2-3	4000	3	46	29	-	-	-	9.1		
12	Benfrew (Abbots I.)	19	1014.9	-2	NW	4	bc	31	75	8	4	-	-	1	1	4000	1015.2	+4	NNW	5	bc	33	75	9	5	-	-	Tr	Tr	4000	3	46	30	28	-	-	9.1		
	Eskdalemuir	794	1015.8	-8	N	6	bc	38	75	8	4	-	-	2-3	2-3	4000	1016.4	+8	NNW	6	bc	29	65	8	5	1	3	-	Tr	Tr	4000	0	46	36	-	-	-	10.5	
	Point of Ayre	30	1015.8	-8	N	6	bc	38	75	8	4	-	-	2-3	2-3	4000	1016.4	+8	NNW	6	bc	29	65	8	5	1	3	-	Tr	Tr	4000	0	46	36	-	-	-	10.5	
13A	Tiree	22	1013.4	-4	NW	6	bc	34	85	7	3	-	-	9	9	800	1017.3	+6	N	4	bc	33	85	8	8	-	-	2-3	2-3	800	1	42	29	-	Tr	Tr	4.5		
13B	Stornoway	80	1016.7	-4	NNW	6	bc	34	85	7	3	-	-	9	9	800	1017.3	+6	N	4	bc	33	85	8	8	-	-	2-3	2-3	800	1	42	29	-	Tr	Tr	4.5		
15	Dalwhinnie	1176	1016.7	-4	NNW	6	bc	34	85	7	3	-	-	9	9	800	1017.3	+6	N	4	bc	33	85	8	8	-	-	2-3	2-3	800	1	42	29	-	Tr	Tr	4.5		
	Aberdeen	79	1016.7	-4	NNW	6	bc	34	85	7	3	-	-	9	9	800	1017.3	+6	N	4	bc	33	85	8	8	-	-	2-3	2-3	800	1	42	29	-	Tr	Tr	4.5		
	Wick	81	1008.6	-10	NNW	8	bc	30	92	7	5	1	-	7-8	9	1500	1010.6	+26	NNW	5	bc	34	75	8	8	4	-	2-3	2-3	1500	8	46	26	-	Tr	Tr	5.6		
16	Lerwick	156	1004.5	-2	NNW	6	bc	30	85	8	8	7	-	4-6	7-8	800	1006.0	+14	NNW	6	bc	37	75	8	8	7	-	4-6	7-8	500	8	48	28	-	Tr	Tr	2.6		
17	Blackod Point	18	1020.6	+6	NW	3	bc	42	85	8	3	-	-	4-6	4-6	500	1021.0	0	E	3	bc	40	85	8	5	-	9	4-6	7-8	500	0	48	28	-					

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

SECRET

Friday, 29th March 1940.

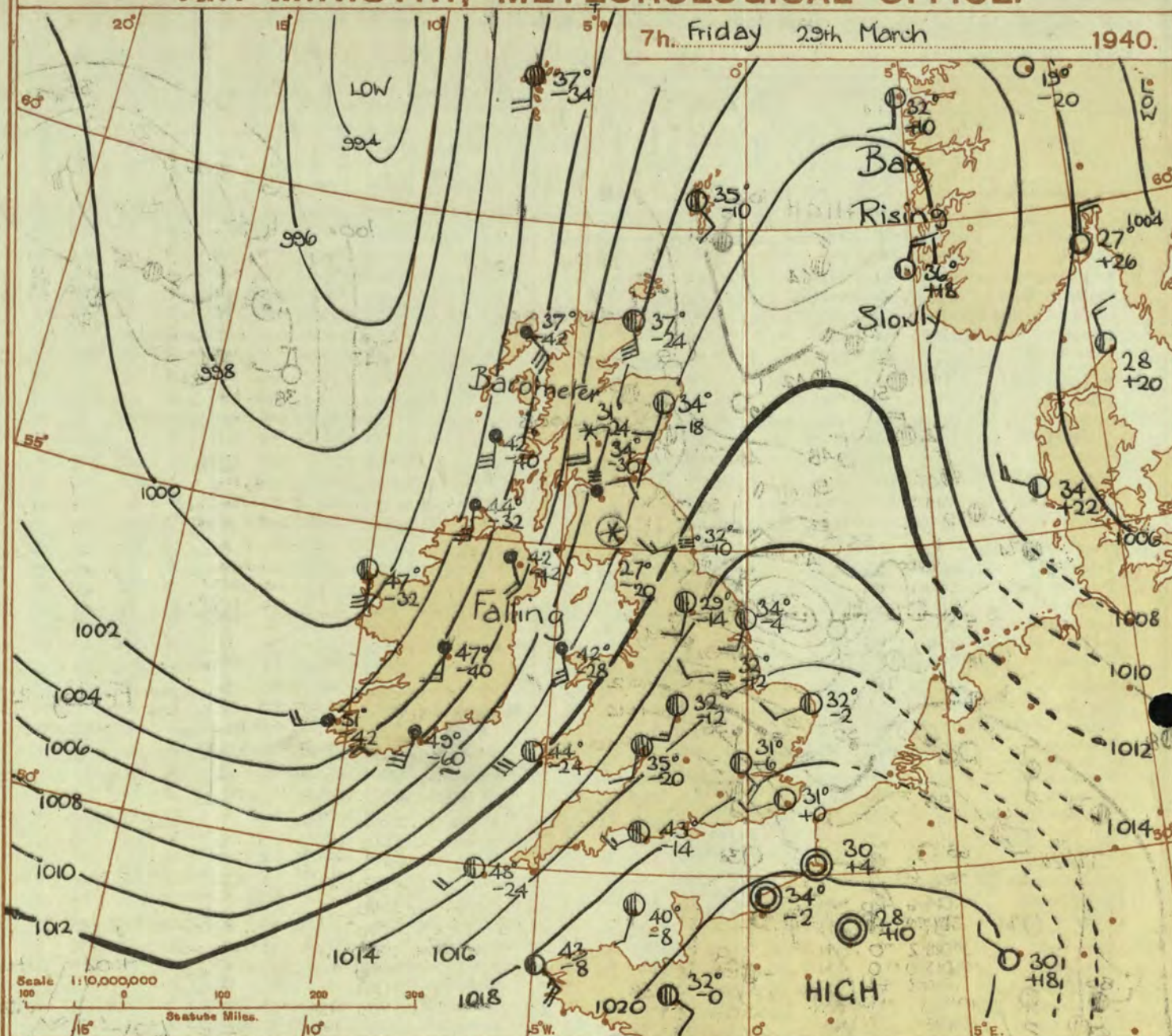
No. 28617

OBSERVATIONS at 13h. G.M.T. 28th March														OBSERVATIONS at 18h. G.M.T. 28th 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. m.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. m.	Cloud.			Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. m.	WEATHER.								
				Direc.	Force.					Form.	Amount.	Height of Base (feet)			Direc.	Force.					Form.	Amount.	Height of Base (feet)			Direc.	Force.					Form.	Amount.	Height of Base (feet)	State of Ground.	Sea.	7h.—13h. 28th	13h.—18h. 28th	18h. to 1h. 29th	1h.—7h. 29th
1	London (Kew)...	1014.2	+2	NNW	5	z	41	45	6	5	9	2500	1016.5	+20	NW	4	z	42	45	6	1	1	4000	2	*	bcczy	cbcbzy	bzjy	bbccmz											
	Croydon ...	1014.2	+2	NW	4	z	41	45	7	8	3	4000	1016.0	+14	WN	3	z	42	35	6	4	-	1	1	4000	1	*	bccy	cybczy	bztcz	bmx									
	S. Farnborough	1014.3	-6	NNW	5	bc	44	35	8	2	-	4000	1016.6	+16	NW	3	bc	42	35	8	4	-	2.3	2.3	5700	1	*	c,bbcy	bcy	beybx	bbcx									
	Boscombe Down	1015.6	-6	NNW	5	bc	43	35	9	1	-	2.3	2.3	4000	1017.0	+14	NW	3	bc	42	35	9	1	-	1	2.3	4000	0	*	cpso,bcy	bcy	bey	bbcx							
	Calshot (Soton.)	1015.2	-2	NNW	6	bc	45	45	8	1	-	4.6	4.6	4000	1016.9	+14	N	3	b	45	45	8	4	-	1	1	4000	1	*	cp,ps,sh,by	bcy,by	beybm	bmx							
	Lympne	1013.7	+6	NNW	4	c	40	45	8	3	-	7.8	7.8	2500	1015.8	+16	NNW	3	bc	40	45	8	4	-	2.3	2.3	2500	1	*	bccy	bccy	bey	bmx							
	Manston	1012.8	+6	NNW	6	bc	40	45	7	8	-	4.6	4.6	1500	1014.9	+16	NNW	3	b	40	65	7	1	-	1	1	1500	0	*	ps,bcy	bcy,by	bom	bmx							
2	Shoeburyness ...	1013.0	+8	NNW	5	c	41	55	8	2	-	7.8	7.8	4000	1015.2	+14	NW	2	b	42	55	8	2	-	1	1	4000	1	*	bccy	cy	beybx	bmx							
	Felixstowe ...	1011.6	+6	NW	5	c	41	45	9	2	-	7.8	7.8	2500	1014.2	+18	NW	4	bc	42	55	7	2	-	2.3	2.3	2500	1	3	bc	bcy,by	beybm	bmx							
	Gorleston ...	1010.4	+12	NNW	5	c	37	75	7	8	-	7.8	7.8	2500	1013.2	+16	NNW	6	bc	41	65	7	2	-	2.3	4.6	2500	1	3	cp	cbcy	beybm	bmx							
	Mildenhall ...	1012.4	+8	NNW	5	c	40	45	8	8	-	7.8	7.8	2500	1014.9	+18	NW	2	bcjp	39	65	8	3	-	3	4.6	4.6	4000	0	*	bccy	cbcy,bc	bmx	bmx						
	Cranwell ...	1012.3	+8	NNW	6	b	42	45	8	1	-	1	1	2500	1015.3	+18	NNW	3	bc	42	45	7	8	-	4.6	4.6	4000	0	*	bxcqb	bcy	beybz	bzcmx							
3	Birmingham	1015.3	+4	NNW	4	bc	41	35	8	7	-	4.6	4.6	2500	1017.5	+12	NW	3	b	40	45	6	-	*	0	1	-	0	*	bccy	bcy	bey	bmx							
	Upper Heyford	1014.9	+2	NW	5	c	43	45	7	2	-	7.8	7.8	4000	1016.6	+14	NNW	4	b	41	55	7	-	4	-	0	Tr	-	0	*	bccy	bcy	bey	bmx						
4	Ross-on-Wye ...	1016.4	0	NNW	4	bc	44	25	9	1	-	4.6	4.6	4000	1017.9	+12	NW	3	b	42	35	9	4	-	1	1	1	4000	0	*	bccy	bcy	bey	bmx						
5	Hartland Point	1018.9	0	N	4	c	41	75	9	6	4	3	4.6	3	2500	1019.7	+6	N	4	bc	41	55	9	1	4	3	1	2.3	2500	0	3	ccy	bcy	bey	bmx					
	Bristol ...	1016.5	-2	NNW	5	bc	44	35	8	1	-	2.3	4.6	4000	1018.0	+14	NNW	4	bc	43	35	8	4	-	1	2.3	4000	1	3	ccy	bcy	bey	bmx							
	Portland Bill	1016.4	+4	NW	4	bc	46	85	8	1	-	4.6	4.6	4000	1017.7	+10	NNW	3	bc	44	85	8	1	-	2.3	2.3	4000	1	3	ccy	bcy	bey	bmx							
	Plymouth	1018.4	-2	NW	3	c	45	55	9	2	-	7.8	7.8	2500	1019.7	+14	NW	4	b	43	45	9	4	-	4	1	1	2500	1	2	ccy	bcy	bey	bmx						
	The Lizard	1019.7	-2	NNW	4	c	45	85	8	6	-	7.8	7.8	2500	1020.8	+8	NW	4	bc	44	65	8	6	-	4.6	4.6	2500	0	2	ccy	bcy	bey	bmx							
	Scilly (St. Mary's)	1020.4	+4	NW	3	c	45	92	8	7	-	4.6	10	1500	1021.1	+6	N	2	bc	45	65	8	5	3	3	2.3	2.3	2500	1	2	ccy	bcy	bey	bmx						
	Guernsey ...	1017.6	+2	NW	4	c	44	65	8	7	-	7.8	9	2500	1018.2	+8	NNW	3	bc	43	65	9	2	-	1	4.6	4.6	2500	1	4	ccy	bcy	bey	bmx						
6	Pembroke ...	1018.8	0	N	6	bcq	44	65	8	8	-	4.6	4.6	2500	1019.7	0	N	2	bc	42	65	8	1	4	-	1	4.6	2500	1	1	ccy	bcy	bey	bmx						
7	Holyhead	1018.1	+4	NNW	5	bcq	43	55	9	2	-	2.3	4.6	2500	1018.5	+6	N	2	b	42	65	9	2	3	-	Tr	1	4000	1	2	ccy	bcy	bey	bmx						
	Chester (Sealand)	1016.8	+2	NW	6	bc	42	45	9	2	-	4.6	4.6	2500	1017.8	+10	NNW	3	b	42	55	8	2	-	4	Tr	Tr	2500	0	*	ccy	bcy	bey	bmx						
8	Manchester	1015.5	+6	NNW	4	bc	43	45	8	2	-	4.6	4.6	2500	1016.9	+14	NNW	3	b	41	55	8	-	-	0	0	-	0	*	ccy	bcy	bey	bmx							
10	Spurn Head	1011.1	+10	NW	6	bcq	40	65	8	2	-	4.6	4.6	2500	1013.9	+8	NW	6	bcq	41	65	8	2	-	2.3	2.3	1500	0	5	ccy	bcy	bey	bmx							
	Catterick	1013.3	+10	NNW	5	bc	43	55	8	1	-	2.3	2.3	4000	1015.9	+20	NNW	3	bcq	42	55	8	2	-	2.3	2.3	4000	0	4	ccy	bcy	bey	bmx							
	Tynemouth	1013.0	+12	N	6	bc	40	55	8	2	-	4.6	4.6	2500	1014.8	+16	N	6	bc	40	65	8	2	-	2.3	2.3	2500	1	3	ccy	bcy	bey	bmx							
11	St. Abbs Head	1013.2	+20	NW	6	bcq	39	55	8	7	6	4.6	4.6	2500	1015.0	+10	NW	4	bc	39	65	9	4	4	5	2.3	2.3	2500	0	4	ccy	bcy	bey	bmx						
	Leuchars	1014.3	+10	NW	4	c	42	55	9	2	6	4.6	7.8	4000	1015.3	+4	N	2	bc	40	65	9	7	-	1	2.3	2.3	4000	1	*	ccy	bcy	bey	bmx						
12	Roufrew (Abbots L.)	1016.3	+2	NW	4	bc	45	35	9	2	-	2.3	4.6	4000	1016.4	+2	NNW	2	bc	41	55	9	4	-	1	4.6	4000	0	*	ccy	bcy	bey	bmx							
	Eskdalemuir	1014.6	+10	NE	5	bc	41	35	8	8	-	4.6	4.6	2500	1016.1	+12	N	2	bc	38	55	8	8	-	4.6	4.6	2500	1	*	ccy	bcy	bey	bmx							
	Point of Ayre	1017.2	+2	NW	5	bc	44	65	8	2	-	2.3	2.3	4000	1017.5	+4	NW	4	bc	43	65	8	1	-	5	Tr	2.3	4000	0	3	ccy	bcy	bey	bmx						
13A	Tiree ...	1018.2	0	N	2	bc	43	55	8	4	-	4.6	4.6	2500	1016.5	-4	-	0	41	55	8	5	4	6	2.3	4.6	4000	0	2	ccy	bcy	bey	bmx							
13B	Sornoway	1018.0	0	N	3	c	40	45	8	2	7	4.6	3	2500	1016.2	-10	ESE	1	39	55	8	5	7	-	7.8	9	2500	1	1	ccy	bcy	bey	bmx							
15	Dalwhinnie	1016.8	+4	N	3	bc	35	92	7	8	6	4.6	7.8	2500	*	+2	NW	2	33	92	8	4	6	1	2.3	7.8	4000	4	*	ccy	bcy	bey	bmx							
	Aberdeen	1013.1	+16	NNW	4	bc	35	92	8	3	-	2.3	2.3	1500	1014.9	+14	NNW	3	bc	37	75	8	8	-	3	1	2.3	2500	1	2	ccy	bcy	bey	bmx						
	Wick	1013.6	+12	NNW	3	c	38	75	8	7	-	4.6	7.8	1500	1014.2	+6	NNW	4	c	36	85	8	7	8	4.6	7.8	1500	4	2	ccy	bcy	bey	bmx							
	Lerwick...	1009.6	+10	NNE	6	c	37	75	8	7	-	4.6	7.8	1500	1011.8	+8	NNW	5	c	35	75	8	8	7	-	4.6	7.8	1500	4	*	ccy	bcy	bey	bmx						
17	Blacksod Point...	1019.5	-12	SE	2	c	45	75	9	-	1	0	9	-	1016.0	-24	S	4	c	46	75	8	5	-	10	10	1500	0	2	ccy	bcy	bey	bmx							
18	Malin Head	1019.7	-2	N	4	c	40	65	8	9	-	4.6	7.8	5700	1018.2	-12	NW	2	c	41	55	8	5	7	4	2.3	7.8	5700	0											

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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	
9 N. Midlands ...	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.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind south moderate 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.
14 Mid Scotland	
15 N. E. Scotland	Wind west moderate, backing tomorrow; bright periods and showers; average temperature.
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind south fresh to strong, veering west moderate; rain and much hill fog this afternoon; bright periods and showers later; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A 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.

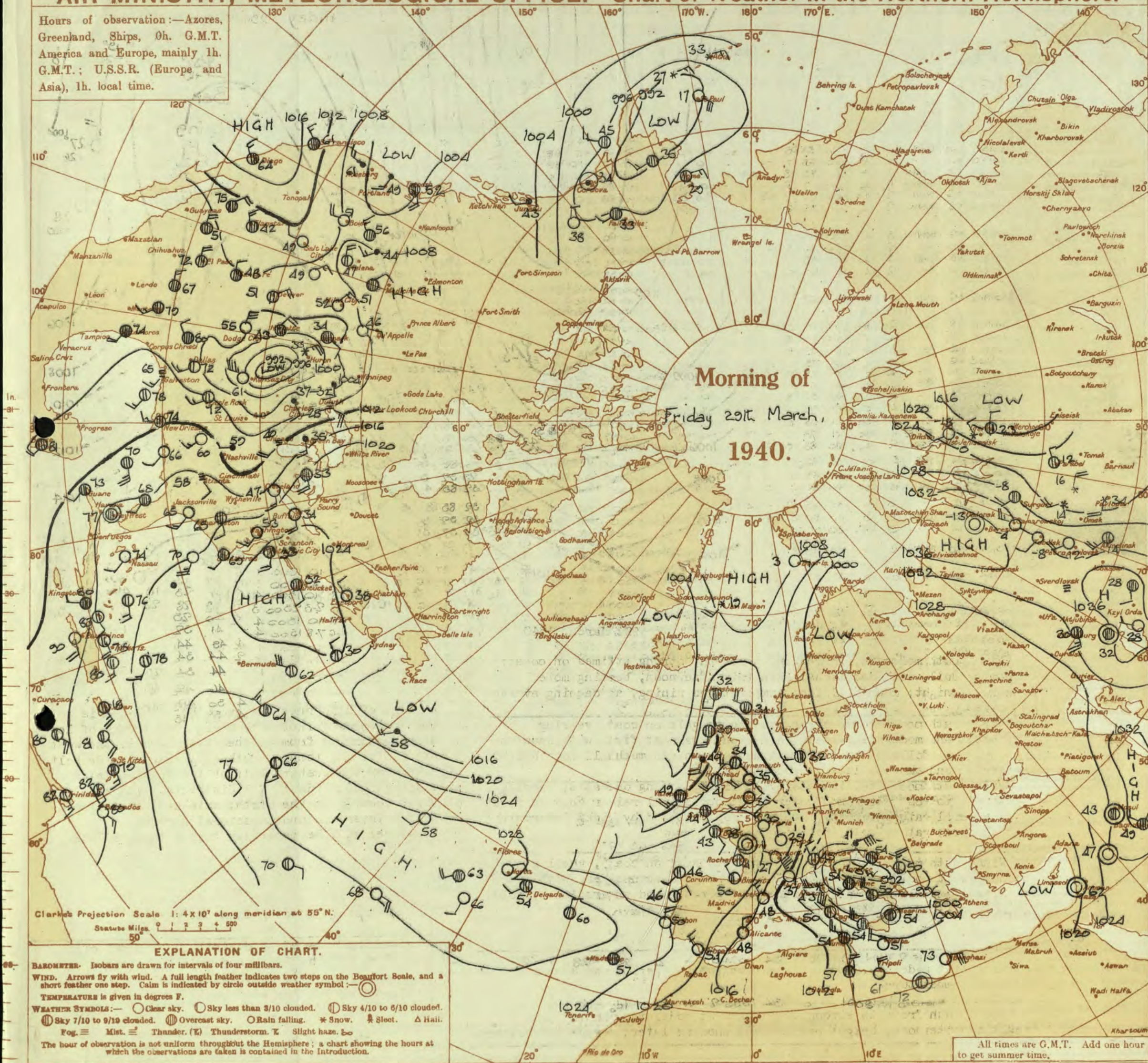
N. K. JOHNSON, D.Sc., A.R.C.S.
Director.

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

1476/3855. W. 1010. R. 1010. S. 1010. 1010.

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 29th March 1940.

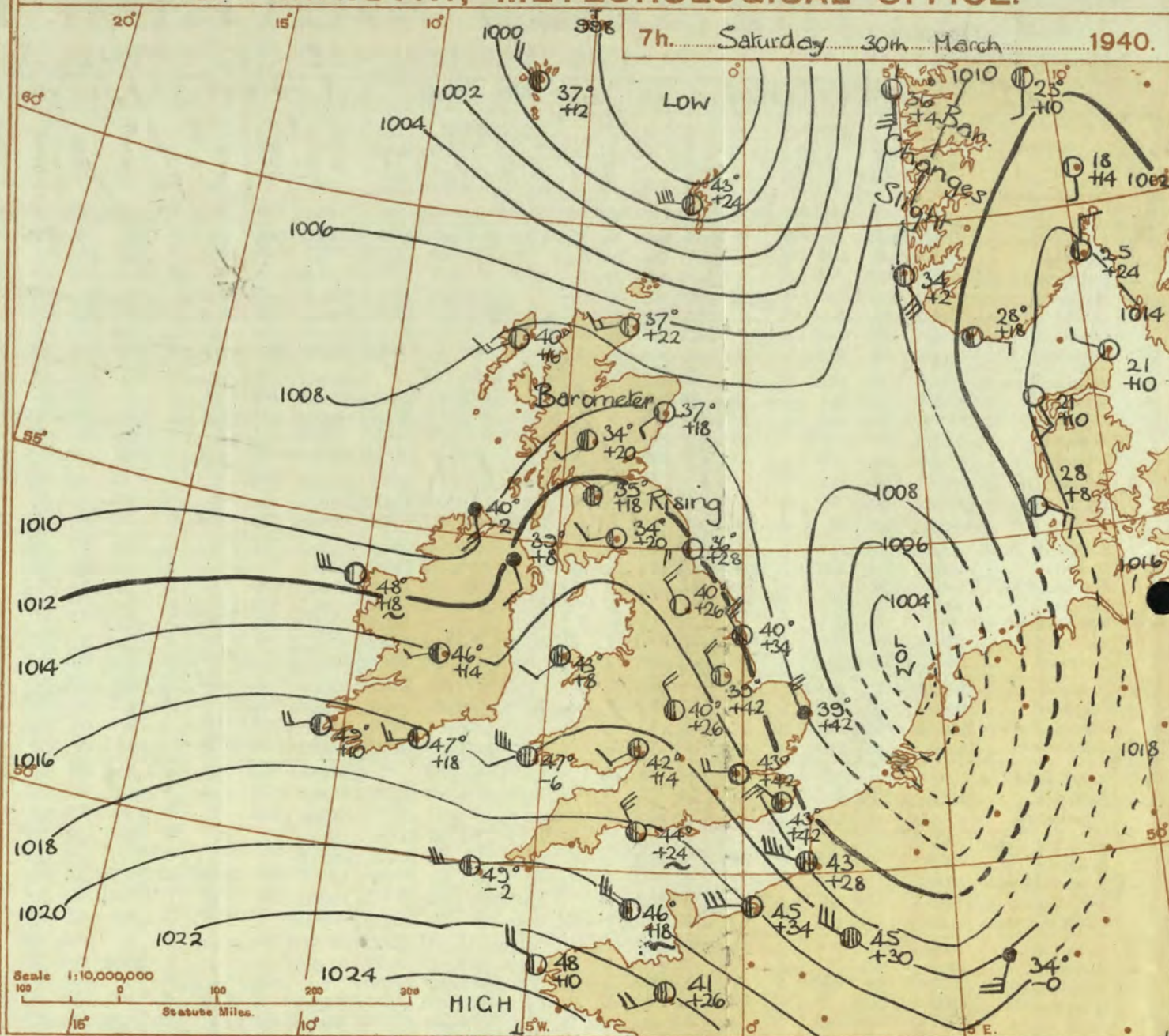
No 28617

OBSERVATIONS at 1 hr. G.M.T. 29th March														OBSERVATIONS at 7 hr. G.M.T. 29th March														PAST 24 HOURS.									
District.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. 29th.			
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																0-12	0-10		0-10	0-10	0-10
1	London (Kew)	18	30.1	0.0	SW	2	bc	32	85	5	Tr	0	0	0	30.1	-0.1	SW	2	bc	32	85	6	Tr	0	0	0	0	0	44	29	16	-	Tr	9.2			
	Croydon	217	30.0	0.0	SW	2	bc	30	85	5	Tr	0	0	0	30.0	-0.1	SE	3	bc	31	75	6	Tr	0	0	0	0	0	44	26	20	-	Tr	8.5			
	S. Farnborough	226	30.0	0.0	SW	2	bc	30	85	7	Tr	0	0	0	30.0	-0.1	SE	3	bc	30	85	6	Tr	0	0	0	0	0	46	24	19	-	Tr	5.5			
	Boscombe Down	417	30.0	0.0	WNW	1	bc	30	85	6	Tr	0	0	0	30.0	-0.1	SE	3	bc	30	85	7	Tr	0	0	0	0	0	44	26	19	-	Tr	9.5			
	Calshot (Stmnt.)	8	30.0	0.0	WNW	1	bc	30	85	6	Tr	0	0	0	30.0	-0.1	SE	3	bc	27	75	6	Tr	0	0	0	0	0	46	27	22	-	Tr	10.0			
	Lympne	346	30.0	0.0	WNW	2	bc	32	85	7	Tr	0	0	0	30.0	-0.1	W	3	bc	31	75	6	Tr	0	0	0	0	0	42	29	21	-	Tr	10.2			
	Manston	154	30.0	0.0	NNW	2	bc	33	85	6	Tr	0	0	0	30.0	-0.1	W	3	bc	31	75	6	Tr	0	0	0	0	0	43	29	21	-	Tr	10.2			
2	Shoeburyness	11	30.0	0.0	WNW	3	bc	35	92	8	Tr	0	0	0	30.0	-0.1	W	2	bc	32	85	6	Tr	0	0	0	0	0	45	29	16	-	Tr	10.6			
	Felixstowe	15	30.0	0.0	WNW	2	bc	34	85	6	Tr	0	0	0	30.0	-0.1	W	2	bc	32	85	6	Tr	0	0	0	0	0	44	31	25	-	Tr	11.1			
	Gorleston	5	30.0	0.0	WNW	2	bc	34	85	6	Tr	0	0	0	30.0	-0.1	W	2	bc	32	85	6	Tr	0	0	0	0	0	41	30	29	-	Tr	8.1			
	Mildenhall	19	30.0	0.0	WNW	2	bc	28	85	6	Tr	0	0	0	30.0	-0.1	W	2	bc	31	85	5	Tr	0	0	0	0	0	46	27	20	0.2	-	0.9			
	Cranwell	240	30.0	0.0	WNW	2	bc	31	85	5	Tr	0	0	0	30.0	-0.1	W	2	bc	31	85	4	Tr	0	0	0	0	0	46	27	18	-	Tr	9.2			
3	Birmingham	535	30.0	0.0	SW	3	bc	32	85	7	Tr	0	0	0	30.0	-0.1	SW	3	bc	32	75	6	Tr	0	0	0	0	0	43	30	22	-	Tr	9.6			
	Upper Heyford	408	30.0	0.0	SW	3	bc	32	85	7	Tr	0	0	0	30.0	-0.1	SW	2	bc	32	85	6	Tr	0	0	0	0	0	44	25	11	-	Tr	9.6			
4	Ross-on-Wye	223	30.0	0.0	SW	3	bc	32	85	7	Tr	0	0	0	30.0	-0.1	SW	2	bc	33	75	6	Tr	0	0	0	0	0	46	27	17	-	Tr	11.0			
5	Hartland Point	299	30.0	0.0	W	2	bc	33	85	5	Tr	0	0	0	30.0	-0.1	W	2	bc	33	85	5	Tr	0	0	0	0	0	42	36	32	0.6	-	4.7			
	Bristol	209	30.0	0.0	W	2	bc	29	85	5	Tr	0	0	0	30.0	-0.1	W	2	bc	33	85	7	Tr	0	0	0	0	0	47	26	17	-	Tr	10.0			
	Portland Bill	32	30.0	0.0	E	0	bc	36	92	8	Tr	0	0	0	30.0	-0.1	W	3	bc	43	92	8	Tr	0	0	0	0	0	43	33	28	-	Tr	10.0			
	Plymouth	32	30.0	0.0	E	0	bc	34	92	8	Tr	0	0	0	30.0	-0.1	W	3	bc	43	92	8	Tr	0	0	0	0	0	43	33	28	-	Tr	10.0			
	The Lizard	240	30.0	0.0	SE	3	bc	42	75	8	Tr	0	0	0	30.0	-0.1	W	4	bc	44	65	8	Tr	0	0	0	0	0	43	34	28	-	Tr	10.0			
	Scilly (St. Mary's)	163	30.0	0.0	SE	3	bc	44	75	8	Tr	0	0	0	30.0	-0.1	W	4	bc	48	92	8	Tr	0	0	0	0	0	48	37	31	-	Tr	5.3			
	Guernsey	175	30.0	0.0	SE	3	bc	35	85	8	Tr	0	0	0	30.0	-0.1	W	4	bc	44	65	8	Tr	0	0	0	0	0	45	33	26	3	-	3.6			
6	Pembroke	142	30.0	0.0	SW	4	bc	42	92	7	Tr	0	0	0	30.0	-0.1	SW	5	bc	44	92	8	Tr	0	0	0	0	0	45	37	27	-	Tr	7.8			
7	Holyhead	26	30.0	0.0	SW	4	bc	41	85	5	Tr	0	0	0	30.0	-0.1	SW	5	bc	42	85	5	Tr	0	0	0	0	0	44	35	27	-	Tr	10.0			
	Chester (Sealand)	16	30.0	0.0	SE	1	bc	31	75	7	Tr	0	0	0	30.0	-0.1	SE	2	bc	34	75	6	Tr	0	0	0	0	0	44	31	25	-	Tr	11.4			
8	Manchester	70	30.0	0.0	SE	2	bc	30	85	5	Tr	0	0	0	30.0	-0.1	SE	3	bc	34	65	6	Tr	0	0	0	0	0	45	28	17	-	Tr	10.3			
10	Spurn Head	29	30.0	0.0	W	3	bc	35	85	6	Tr	0	0	0	30.0	-0.1	SW	2	bc	34	85	5	Tr	0	0	0	0	0	44	32	13	-	Tr	10.4			
	Catterick	175	30.0	0.0	W	3	bc	27	85	6	Tr	0	0	0	30.0	-0.1	SW	2	bc	34	85	5	Tr	0	0	0	0	0	44	30	27	-	Tr	10.0			
	Tynemouth	108	30.0	0.0	W	3	bc	34	85	6	Tr	0	0	0	30.0	-0.1	W	3	bc	32	85	4	Tr	0	0	0	0	0	42	30	27	-	Tr	10.0			
11	St. Abbs Head	280	30.0	0.0	W	3	bc	36	85	8	Tr	0	0	0	30.0	-0.1	SW	4	bc	32	85	8	Tr	0	0	0	0	0	44	30	27	-	Tr	10.0			
	Leuchars	36	30.0	0.0	WNW	1	bc	30	85	5	Tr	0	0	0	30.0	-0.1	SW	1	bc	32	92	5	Tr	0	0	0	0	0	44	28	19	-	Tr	7.9			
12	Renfrew (Abbots I.)	19	30.0	0.0	W	3	bc	30	92	2	Tr	0	0	0	30.0	-0.1	E/N	2	bc	34	92	3	Tr	0	0	0	0	0	46	28	20	-	Tr	10.0			
	Eskdalemuir	794	30.0	0.0	W	3	bc	30	92	2	Tr	0	0	0	30.0	-0.1	W	2	bc	27	92	3	Tr	0	0	0	0	0	43	20	15	-	Tr	8.1			
	Point of Ayre	36	30.0	0.0	SW	2	bc	36	85	8	Tr	0	0	0	30.0	-0.1	SW	3	bc	41	92	7	Tr	0	0	0	0	0	45	29	15	-	Tr	11.3			
13A	Tiree	22	30.0	0.0	SW	2	bc	36	85	8	Tr	0	0	0	30.0	-0.1	SW	3	bc	41	92	7	Tr	0	0	0	0	0	45	29	15	-	Tr	11.3			
13B	Stornoway	80	30.0	0.0	SW	2	bc	36	85	8	Tr	0	0	0	30.0	-0.1	SW	3	bc	41	92	7	Tr	0	0	0	0	0	45	29	15	-	Tr	11.3			
15	Dalwhinnie	1176	30.0	0.0	SW	2	bc	36	85	8	Tr	0	0	0	30.0	-0.1	SW	3	bc	41	92	7	Tr	0	0	0	0	0	45	29	15	-	Tr	11.3			
	Aberdeen	79	30.0	0.0	SW	2	bc	28	75	7	Tr	0	0	0	30.0	-0.1	SW	2	bc	34	85	6	Tr	0	0	0	0	0	43	28	20	-	Tr	9.9			
	Wick	81	30.0	0.0	SW	2	bc	28	75	7	Tr	0	0	0	30.0	-0.1	SW	2	bc	34	85	6	Tr	0	0	0	0	0	43	28	20	-	Tr	9.9			
16	Lerwick	156	30.0	0.0	WNW	4	bc	34	65	8	Tr	0	0	0	30.0	-0.1	SE	2	bc	33	65	8	Tr	0	0	0	0	0	41	32	1	-	Tr	9.0			
17	Blacksod Point	18	30.0	0.0	SW	4	bc	34	65	8	Tr	0	0	0	30.0	-0.1	SW	4	bc	34	65	8	Tr	0	0	0	0	0	41	32	1	-	Tr	9.0			
18	Malin Head	84	30.0	0.0	SW	4	bc	40	75	6	Tr	0	0	0	30.0	-0.1	SW	5	bc	44	92	7	Tr	0	0	0	0	0	44	34	25	-	Tr	8.8			
	Aldergrove	288	30.0	0.0	SE	3	bc	39	75	7	Tr	0	0	0	30.0	-0.1	SE	4	bc	42	92	5	Tr	0	0	0	0	0	44	34	25	-	Tr	8.8			
19	Birr Castle	173	30.0	0.0	SW	3	bc	42	92	7	Tr	0	0	0	30.0	-0.1	SW	3	bc	47	85	7	Tr	0	0	0	0	0	46	42	41	-	Tr	9.2			
20	Valentia Obay.	30	30.0	0.0	SW	3	bc	42	92	7	Tr	0	0																								

AIR
MINISTRY.THE DAILY WEATHER REPORT
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET
BRITISH SECTION
Saturday 30th March 1940.
No. 28618

OBSERVATIONS at 13h. G.M.T. 29th March															OBSERVATIONS at 18h. G.M.T. 29th 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)	Visib. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.				Barom. at M.S.L. mb. (29)	Change in 3 hours. (30)	WEATHER.								
				Dir. (3)	Force. 0-12 (4)				Form. (9)	Amount. 0-10 (10)	Height of Base. (feet) (14)	Dir. (17)			Force 0-12 (18)	Form. (23)				Amount 0-10 (24)	Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)			7h.—13h. 29th (37)	13h.—18h. 29th (38)	18h.—to 1h. 30th (39)	1h.—7h. 30th (40)					
1	London (Kew)...	1014.3	-22	S	4	44	65	8	2	2-3	10	1500	1008.0	-40	S	5	40	42	92	6	6	2	-	9	10	1500	1	* cmoidc	cmoidc	cmoidc	cmoidc			
	Croydon ...	1015.1	-18	SSE	4	43	65	7	5	2-3	10	2500	1009.3	-36	SES	4	40	41	92	6	6	2	-	9	10	800	1	* czoc	cmoidc	cmoidc	cmoidc			
	S. Farnborough	1014.3	-22	S'W	4	44	65	6	5	2	1	10	2500	1007.8	-42	S	4	d.d.	42	97	5	6	2	-	7-8	10	1500	1	* cmzoc	cmoidc	cmoidc	cmoidc		
	Boscombe Down	1013.2	-22	S'W	5	43	75	7	5	2	4-6	10	2500	1006.8	-30	SWW	4	rr	45	97	5	6	2	-	7-8	10	450	1	* c	cmoidc	cmoidc	cmoidc		
	Calshot (Soton.)	1014.8	-18	SSW	6	45	75	7	5	2	4-6	10	4000	1008.1	-38	SNWS	4	ir	45	97	6	6	2	-	10	10	450	1	* cmoc	cmoidc	cmoidc	cmoidc		
	Lympe	1016.8	-14	SNWS	4	43	65	8	5	2	1	10	1500	1013.0	-24	S'W	5	d	40	75	8	5	2	-	4-6	10	1500	1	* czoc	cmoidc	cmoidc	cmoidc		
	Manston	1016.0	-18	SW	5	44	65	6	5	-	10	10	4000	1011.9	-20	SSW	3	c/r	39	85	7	5	2	-	4-6	10	1500	0	* cmoxcz	cmoidc	cmoidc	cmoidc		
2	Shoeburyness ...	1015.8	-16	SSW	3	44	55	5	1	0	10	-	1010.5	-32	S	5	ir	42	75	8	5	1	-	9	9	4000	1	* zoyc	cmoidc	cmoidc	cmoidc			
	Felixstowe ...	1015.2	-2	SW	4	44	65	6	5	7	2-3	10	1500	1010.7	-30	SW	5	ir	39	85	6	6	1	-	1	10	1500	1	* cmczoy	cmoidc	cmoidc	cmoidc		
	Gorleston	1014.3	-20	SW	4	44	65	6	5	5	4-6	9	2500	1010.7	-24	SSW	5	ir	39	85	6	6	1	-	10	10	1500	1	* bcc	cmoidc	cmoidc	cmoidc		
	Mildenhall	1013.5	-24	SW'S	5	44	97	6	5	1	4-6	10	2500	1007.7	-26	SE	4	ir	41	85	6	6	2	-	10	10	4000	1	* cmoc	cmoidc	cmoidc	cmoidc		
	Cranwell	1011.6	-24	S'W	5	44	97	7	5	-	10	10	4000	1005.4	-40	SE'S	5	c/r	39	52	6	6	-	-	10	10	800	1	* cmoc	cmoidc	cmoidc	cmoidc		
3	Birmingham	1010.7	-26	SSW	4	41	65	7	6	2	2-3	10	1500	1002.9	+40	S	3	id	42	97	5	6	-	-	10	10	450	1	* cmzoc	cmoidc	cmoidc	cmoidc		
	Upper Heyford	1013.2	-26	SE	5	43	65	7	5	2	2-3	10	2500	1005.6	-46	SE	4	ir	42	97	6	6	2	-	9	10	450	1	* cmzoc	cmoidc	cmoidc	cmoidc		
4	Ross-on-Wye ...	1009.8	-32	SE	4	41	85	6	6	2	7-8	10	1500	1004.2	-20	WS	6	cq	47	75	8	5	4	1	7-8	9	2500	1	* occr	cmoidc	cmoidc	cmoidc		
5	Hartland Point	1006.0	-40	WSW	5	47	97	7	6	2	7-8	9	1500	1003.8	+24	WNW	3	bc	47	85	8	3	4	1	2-3	4-6	2500	1	* rr	cmoidc	cmoidc	cmoidc		
	Bristol ...	1011.1	-30	SSE	5	43	85	7	5	2	7-8	10	1500	1006.3	-6	W	6	d.d.	46	52	6	6	2	-	9	10	800	1	* cr	cmoidc	cmoidc	cmoidc		
	Portland Bill	1013.2	-30	SW	4	44	92	7	5	-	10	10	2500	1008.4	-16	SW	5	c	46	52	7	5	2	-	10	10	2500	1	* corr	cmoidc	cmoidc	cmoidc		
	Plymouth	1010.1	-22	S'W	5	47	97	7	5	2	10	10	220	1011.2	+16	WNW	5	bc	51	65	8	8	-	-	4-6	4-6	2500	1	* cr	cmoidc	cmoidc	cmoidc		
	The Lizard	1010.8	-14	WS	5	50	97	7	8	2	7-8	9	1500	1012.9	+16	WNW	5	bc	49	85	8	4	-	-	2-3	2-3	2500	1	* cr	cmoidc	cmoidc	cmoidc		
	Scilly (St. Mary's)	1010.6	+4	W	5	52	85	7	5	7	4	23	78	1500	1013.0	+4	WNW	6	bc	50	65	7	5	-	-	1	2-3	2500	1	* r	cmoidc	cmoidc	cmoidc	
	Guernsey	1014.6	-22	SSW	4	46	85	7	5	2	4-6	10	2500	1011.4	-20	JNW	4	bc	48	97	7	5	4	-	2-3	2-3	2500	1	* cr	cmoidc	cmoidc	cmoidc		
6	Pembroke	1003.9	-28	SWW	7	47	97	5	5	-	10	10	800	1008.4	+36	NW	6	cq	48	75	7	8	6	-	4-6	7-8	1500	1	* rr	cmoidc	cmoidc	cmoidc		
7	Holyhead	1002.1	-50	SSE	6	43	97	7	6	2	9	10	800	1003.4	+36	WNW	8	cq	48	85	7	6	2	-	9	10	1500	1	* rr	cmoidc	cmoidc	cmoidc		
	Chester (Sealand)	1007.0	-28	SE	4	41	85	6	2	-	10	10	800	1001.3	-12	ESE	3	rr	43	92	5	6	2	-	7-8	10	800	1	* cmzoc	cmoidc	cmoidc	cmoidc		
8	Manchester	1003.1	-26	SSE	4	35	85	6	2	-	10	10	2500	1002.5	-32	SEE	3	rr	41	92	5	6	2	-	7-8	10	800	1	* is	cmoidc	cmoidc	cmoidc		
10	Spurn Head	1011.4	-2	S	4	42	75	6	1	0	10	-	1005.4	-20	SE	5	rr	42	75	6	5	-	-	10	10	4000	1	* co	cmoidc	cmoidc	cmoidc			
	Catterick	1008.9	-26	SSW	4	39	85	5	6	2	4-6	10	1500	1004.2	-22	SW	3	rr	37	97	4	6	2	-	9	10	800	1	* s	cmoidc	cmoidc	cmoidc		
	Tynemouth	1009.5	-20	SW	3	39	85	5	2	-	10	10	1500	1005.6	-20	S	4	ir	39	92	6	6	-	-	10	10	1500	1	* emp	cmoidc	cmoidc	cmoidc		
11	St. Abbs Head	1006.2	-18	S	4	37	97	7	8	2	7-8	10	1500	1003.6	-2	S	4	rr	38	92	6	5	-	-	10	10	1500	1	* cr	cmoidc	cmoidc	cmoidc		
	Leuchars	1003.1	-20	SE	3	38	92	7	5	-	10	10	1500	1003.4	-2	0	0	39	97	6	6	-	-	10	10	800	1	* cmss	cmoidc	cmoidc	cmoidc			
12	Ronfrew (Abbots I.)	1004.2	-18	SSE	3	41	85	5	2	-	2-3	10	1500	1003.6	+2	SWW	4	c/r	42	97	7	2	-	-	10	10	2500	1	* cmzoc	cmoidc	cmoidc	cmoidc		
	Eskdalemuir	1015.8	-20	SE	3	34	97	5	2	-	10	10	220	1004.1	0	NW	1	so	33	97	4	-	2	-	10	10	1500	7	* OS	cmoidc	cmoidc	cmoidc		
	Point of Ayre	1003.4	-30	SE	6	42	97	7	6	2	9	10	1500	1002.8	+4	NW	2	rr	42	97	7	6	1	-	4-6	10	1500	1	* r	cmoidc	cmoidc	cmoidc		
13A	Three	1000.4	+16	NW	3	46	97	6	2	-	10	10	1500	1004.9	+26	NNW	4	c	45	85	7	3	7	-	4-6	7-8	1500	0	* orrr	cmoidc	cmoidc	cmoidc		
13B	Stornoway	995.6	-28	S	6	45	92	6	5	2	7-8	10	1500	998.9	+16	W	7	c/r	44	75	7	3	3	3	4-6	7-8	2500	1	* err	cmoidc	cmoidc	cmoidc		
15	Dalwhinnie	1003.0	-16	SSE	5	35	85	5	6	2	4-6	10	1500	*	H8	3	c	36	97	7	8	7	-	-	2-3	10	2500	4	* cs	cmoidc	cmoidc	cmoidc		
	Aberdeen	1005.4	-20	S	4	38	92	6	6	2	9	10	1500	1003.6	-4	SSW	4	rr	38	97	6	6	2	-	7-8	10	1500	1	* cr	cmoidc	cmoidc	cmoidc		
	Wick	1002.0	-24	SSE	7	39	92	6	5	1	7-8	10	1500	999.4	-4	S	5	rr	40	97	7	5	2	-	7-8	10	1500	1	* prrm	cmoidc	cmoidc	cmoidc		
16	Lerwick	1006.2	-8	SE	5	35	65	8	5	7	7-8	5	1500	1002.2	-16	SSE	7	rr	38	92	6	6	2	-	7-8	10	800	1	* c	cmoidc	cmoidc	cmoidc		
17	Blacksod Point	1008.4	+36	NW	5	47	65	7	5	-	10	10	450	1012.0	+32	NW	5	bc	47	75	8	3	-	-	4-6	4-6	1500	0	* c	cmoidc	cmoidc	cmoidc		
18	Malin Head	1002.1	+22	NW	4	45	92	7	6	-	9	9	1500	1006.7	+28	NNW	5	c	45	85	8	5	-	-	9	9	4000	0	* cr	cmoidc	cmoidc	cmoidc		
	Aldergrove	1000.8	-10	SE	3	46	92</																											

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	
9 N. Midlands ...	Moderate west to southwest wind; bright periods, occasional showers, a short period of rain late this afternoon; average temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	As 4 - 9.
14 Mid Scotland	Strong west to northwest wind moderating and backing; bright periods, occasional showers of rain or sleet; rather cold.
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	
18 N.E. Ireland	Moderate or fresh west wind backing south; bright periods, occasional showers; more general rain spreading from West during night.
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

A 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.

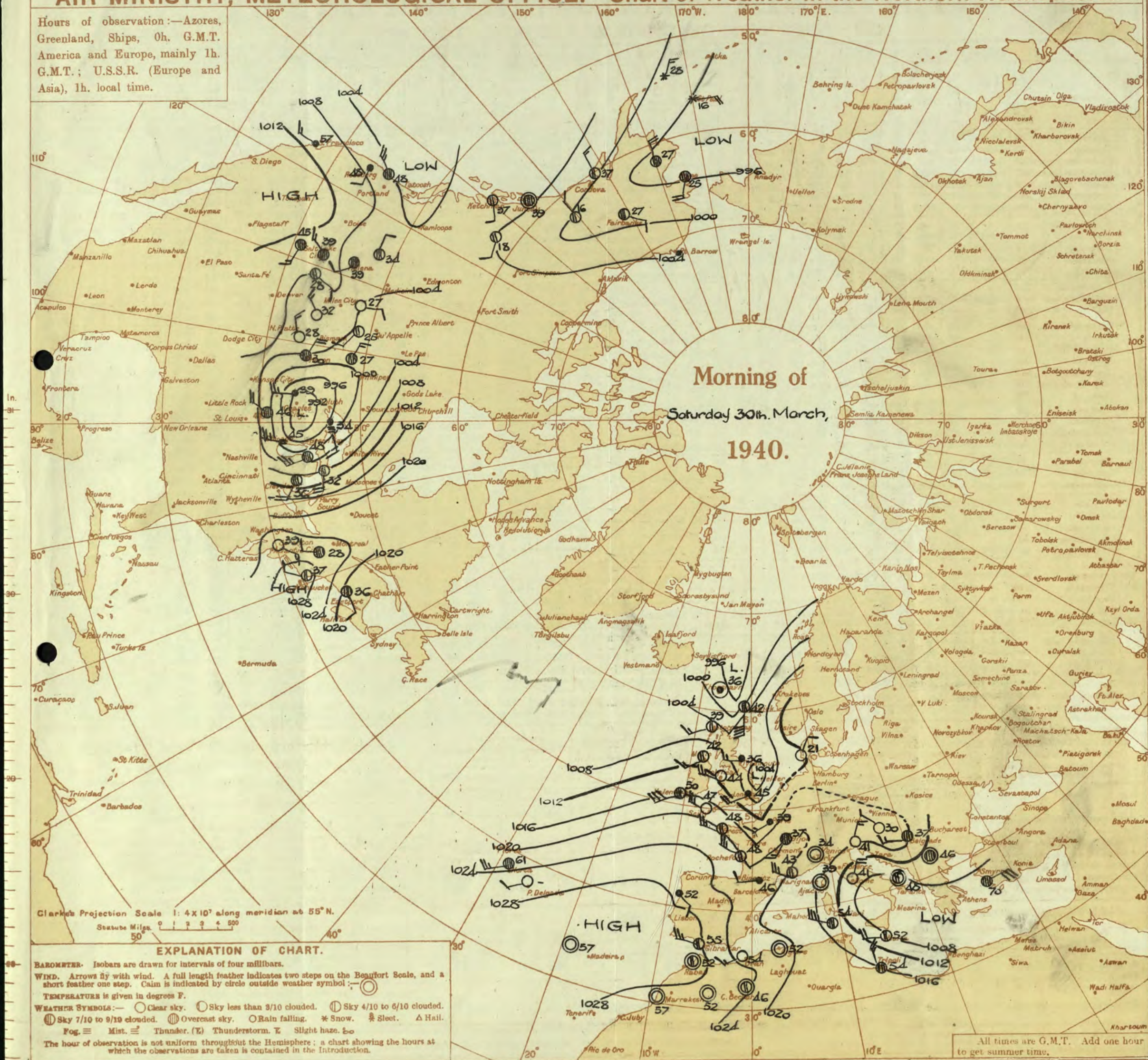
West to southwest wind, changeable weather.

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

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 30th March														OBSERVATIONS at 7 hr. G.M.T. 30th March														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 24 Hrs.			
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																0-12	0-10		0-10	0-10	0-9
1	London (Kew)	18		*	*	*	*	*	*	*	*	*	1015.4	+42	NW	5	bc	44	65	8	5	-	4	2.3	4.6	1500	1	*	44	41	39	1	0.6	0.1			
	Croydon	217	1007.7	+12	WS	4	bc	46	75	5	5	-	3	10	1015.3	+42	W	4	bc	43	75	7	5	-	1	1	2.3	2500	1	*	44	40	39	0.5	2	0.3	
	S. Farnborough	226	1008.7	+20	WN	5	bc	45	75	7	5	-	10	10	1015.9	+34	NNW	5	bc	42	75	8	5	-	3	6	0	10	1	*	45	41	38	2	0.6	0.1	
	Boscombe Down	417	1010.3	+20	WNW	5	bc	49	75	6	8	-	10	10	1017.1	+30	NNW	4	bc	40	85	7	5	-	3	7	8	4000	1	*	45	38	34	3	1	0.0	
	Calshot (Stmnt.)	8	1010.3	+22	WNW	4	bc	44	75	7	5	-	2.3	2.3	1017.1	+34	WNW	4	bc	42	85	7	5	-	4	2	0	7.8	1	2	46	39	35	5	Tr	0.0	
	Lympe	346	1007.5	0	W	4	bc	43	85	7	5	-	10	10	1013.5	+42	NW	5	bc	43	65	8	5	-	3	9	9	2500	1	52	43	38	37	Tr	1	2.3	
	Manston	154	1005.8	-8	WSW	3	bc	44	92	6	5	-	10	10	1012.0	+44	WNW	6	bc	43	85	7	5	-	10	10	800	0	*	44	38	37	0.1	0.3	2.7		
2	Shoeburyness	11		*	*	*	*	*	*	*	*	*	1012.5	+42	NW	4	bc	43	75	7	5	-	3	9	9	1500	1	*	45	40	39	-	0.3	1.2			
	Felixstowe	15	1003.9	-15	WS	4	bc	44	92	5	6	2	3	10	1011.0	+38	NNW	5	bc	41	85	7	6	2	3	10	1500	1	3	45	39	37	0.1	2	2.6		
	Gorleston	5	1003.7	-30	S	5	bc	41	92	6	6	2	3	10	1010.0	+54	NNW	5	bc	39	92	6	6	-	10	10	1500	1	3	45	37	36	Tr	5	4.2		
	Mildenhall	19	1003.2	+2	WNW	5	bc	43	97	6	6	2	3	10	1012.6	+44	NNW	5	bc	41	92	6	6	-	3	9	2500	1	*	44	39	37	0.1	4	2.0		
	Cranwell	240	1003.9	-34	NNW	6	bc	39	92	4	6	-	4.6	10	1013.5	+42	NW	4	bc	39	86	5	5	3	2.3	2.3	2500	1	*	44	38	34	1	4	0.0		
3	Birmingham	535		*	*	*	*	*	*	*	*	*	1015.7	+26	NW	4	Z	40	85	5	-	3	0	9	-	1	*	42	39	36	2	0.4	0.0				
	Upper Heyford	408	1008.4	+26	WNW	6	bc	44	65	7	5	-	2.3	2.3	1015.8	+38	WNW	5	bc	40	85	8	-	5	1	0	7.8	-	1	*	44	38	33	2	0.5	*	
4	Ross-on-Wye	223		*	*	*	*	*	*	*	*	*	1017.0	+14	SW	2	bc	42	75	8	8	-	1	7.8	5	2500	1	*	48	40	34	1	-	0.0			
5	Hartland Point	299	1016.5	+28	NW	4	bc	45	75	8	5	-	1	1	1016.5	-10	WSW	5	c/p	46	92	8	6	2	7.8	9	1500	1	3	48	44	41	3	0.1	1.3		
	Bristol	209	1012.5	+26	WNW	4	bc	45	75	7	5	-	4.6	4.6	1017.6	+24	W	3	bc	40	85	7	5	4	4.6	9	2500	1	*	47	39	34	4	0.1	0.0		
	Portland Bill	32	1013.3	+20	NW	5	bc	45	82	8	5	-	4.6	4.6	1018.4	+24	NW	5	bc	44	92	8	5	-	3	9	4000	1	4	46	42	34	3	-	0.0		
	Plymouth	82	1017.2	+34	NW	5	bc	46	75	7	-	-	0	0	1018.1	+4	W	3	bc	47	85	7	5	-	10	10	2500	1	2	52	44	41	3	-	1.8		
	The Lizard	240	1018.5	+20	WN	5	bc	46	85	8	8	-	2.3	2.3	1021.4	+10	WN	4	bc	48	92	8	8	6	7.8	7.8	2500	0	2	53	45	*	3	-	4.4		
	Scilly (St. Mary's)	163	1019.5	+20	WNW	5	bc	47	75	8	1	-	1	1	1020.3	-2	WS	5	bc	49	85	7	5	3	7.8	5	1500	1	3	54	46	3	-	-	6.1		
	Guernsey	175											1020.2	+18	WNW	5	bc	46	85	8	5	2	7.8	10	2500	1	4	49	45	39	5	-	-	0.7			
6	Pembroke	142	1015.4	-16	WNW	5	bc	45	85	8	5	-	2.3	2.3	1015.8	-6	WN	7	c/p	47	97	7	8	-	3	9	1500	1	3	49	44	3	4	0.2	0.7		
7	Holyhead	26	1012.3	+28	WNW	5	bc	44	85	7	2	-	Tr	Tr	1015.1	+8	SSW	2	bc	48	85	9	5	-	3	9	5700	1	*	47	43	40	8	Tr	0.0		
	Chester (Sealand)	16	1010.5	+42	WNW	5	bc	43	85	7	5	-	1	1	1015.6	+30	0	bc	39	85	7	5	7	6	2.3	7.8	4000	1	1	43	37	31	2	3	0.0		
8	Manchester	70	1009.4	+38	WNW	4	bc	41	92	6	5	-	4.6	4.6	1015.0	+22	NW	1	Z	37	87	5	5	5	1	2.3	1500	1	*	42	37	29	3	3	0.0		
10	Spurn Head	29											1011.2	+34	WNW	5	bc	40	92	6	-	2	0	10	-	1	3	44	37	*	0.2	3	0.0				
	Catterick	175	1007.1	+18	N	4	bc	39	85	4	-	2	10	10	1013.0	+20	NW	3	bc	40	85	8	7	-	1	1	2500	1	3	39	35	29	3	4	0.0		
	Tynemouth	108	1007.2	+14	W	3	bc	36	92	6	-	2	10	10	1012.5	+28	W	3	bc	36	85	8	7	-	2	2.3	2.3	2500	1	2	41	34	31	0.5	6	0.0	
11	St. Abbs Head	280	1006.8	+10	WNW	4	bc	40	85	6	4	6	4.6	4.6	1011.2	+24	WNW	3	bc	41	55	9	4	-	1	1	2500	1	3	35	*	*	3	5	-	0.0	
	Leuchars	36	1007.2	+18	0	0	bc	40	92	6	5	-	2.3	2.3	1011.4	+22	WSW	2	bc	34	92	8	-	4	0	1	3	2500	1	*	40	33	27	2	2	0.0	
12	Renfrew (Abbots L.)	19	1009.1	+16	W	1	bc	37	85	6	5	7	Tr	2.3	1012.8	+18	-	bc	35	97	7	5	5	2	7.8	7.8	2500	1	*	42	32	24	4	0.1	0.0		
	Eskdalemuir	794		*	*	*	*	*	*	*	*	*	1013.6	+20	WS	3	bc	34	85	6	5	-	2	1	2.3	2500	8	*	35	31	*	8	3	-	0.0		
	Point of Ayre	30	1010.5	+30	NWN	4	bc	43	92	8	5	-	1	1	1013.8	+14	WS	3	bc	38	97	8	5	-	6	1	2500	1	2	43	35	*	4	0.6	0.0		
13A	Tiree	22		*	*	*	*	*	*	*	*	*	1009.6	+8	S	2	bc	35	92	8	5	4	-	2.3	2.3	2500	1	2	47	34	*	9	0.4	0.2			
13B	Stornoway	80	1005.7	+30	W	3	bc	39	75	8	5	-	2.3	2.3	1008.2	+16	SW	3	bc	40	85	8	2	4	4	1	4.6	4000	1	1	46	37	*	2	0.1	0.0	
15	Dalwhinnie	1176		*	*	*	*	*	*	*	*	*	1012.1	+20	SW	1	bc	34	85	8	4	5	1	2.3	7.8	4000	3	*	36	29	22	3	0.1	0.0			
	Aberdeen	79		*	*	*	*	*	*	*	*	*	1010.0	+18	SW	1	bc	37	75	8	5	-	8	Tr	1	2500	3	1	39	35	26	4	1	0.0			
	Wick	81	1001.6	+18	W	4	bc	40	35	7	5	7	2	2.3	1006.4	+22	WSW	3	bc	37	92	8	5	7	2.3	2.3	2500	1	1	40	36	*	2	1	0.0		
16	Lerwick	156	996.6	-28	S	8	bc	42	92	7	8	2	7.8	10	998.8	+24	W	8	c/p	43	70	7	8	7	4.6	9	800	1	*	41	37	*	0.5	2	2.4		
17	Blacksod Point	18	1010.1	-20	S	5	bc	44	85	7	8	-	10	10	1011.0	+18	W	6	bc	48	85	7	8	-	2	6.4	800	0	4	50	42	*	2	1	0.0		
18	Malin Head	84	1010.5	+8	SW	3	bc	42	85	8	2	-	2.3	2.3	1008.8	-2	SSW	3	bc	40	92	8	8	-	7.8	7.8	4000	0	3	47	38	*	6	0.1	0.0		
	Aldergrove	268	1012.0	+18	SW	3	bc	38	92	7	5	-	2.3	2.3	1012.7	+8	SE	2	bc	39	85	7	5	-	3	9	3	2500	1	*	42	35	29	15	0.2	0.0	
19	Birr Castle	173	1014.2	+4	W	1	bc	40	85	7	5	-	10	10	1014.1	+14	WSW	1	bc	46	85	8	5	3	-												

SECRET

Page 1.

AIR
MINISTRY.

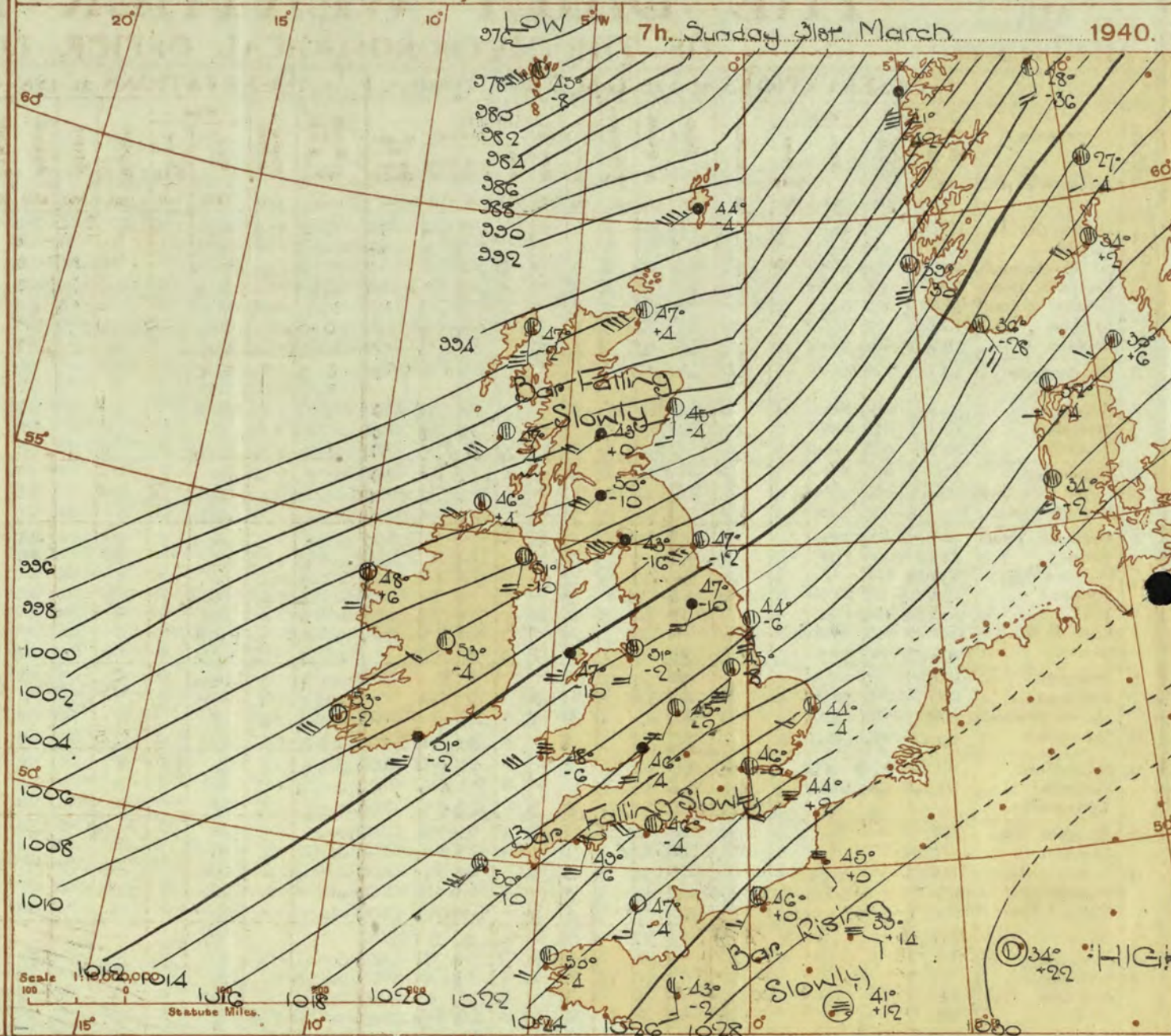
THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION
Sunday 31st March 1940.
No. 28619

OBSERVATIONS at 13h. G.M.T. 30th March														OBSERVATIONS at 18h. G.M.T. 30th March														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visiblity. 0-9 (8)	Cloud.			Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visiblity 0-9 (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.									
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Med. (10)	High (11)			Low (12)	Total 0-10 (13)					Height of Base (feet) (14)	Direc. (17)	Force 0-12 (18)			Form. (23)	Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 30th (37)	13h.—18h. 30th (38)	18h.—30th 31st (39)	1h.—7h. 31st (40)
1	London (Kew)...	1013.2	+10	WS	4	c	51	83	8	7	-	-	7-8 7-8 1500	1021.6	+14	WSW	2	z	52	55	6	4	-	1	4-6 4-6 2500	1	*	bccy	cbcy	bcybz	bbccw				
	Croydon ...	1018.8	+14	WS	3	bc	52	83	8	1	-	-	4-6 4-6 2500	1021.3	+16	SWW	1	b	52	65	6	4	-	1	1 1 5700	1	*	bccy	cbcy	bcybz	bbccw				
	S. Farnborough	1019.8	+14	WNW	3	bc	50	65	8	7	7	5	7-8 7-8 1500	1021.6	+10	SWW	1	bc	52	65	8	4	3	5	2-3 4-6 4000	1	*	bccy	cbcy	bcybz	bbccw				
	Boscombe Down	1019.3	+8	WNW	4	c	51	75	8	8	-	8	7-8 7-8 1500	1022.1	+14	WN	3	c	50	65	8	4	3	-	4-6 7-8 2500	1	*	circ	cbcy	bcybz	bbccw				
	Calshot (Soton.)	1020.2	+12	SSW	2	c	48	83	7	2	-	-	7-8 7-8 2500	1022.1	+14	WNW	2	bc	53	65	7	4	-	4	-	0 2-3	1	1	bccy	cbcy	bcybz	bbccw			
	Lympne	1018.6	+18	WNW	3	bc	51	83	8	1	-	-	4-6 4-6 2500	1021.5	+20	ES	2	c	46	75	8	4	-	-	3 3 2500	1	3	bccy	cbcy	bcybz	bbccw				
	Manston	1018.3	+30	NNW	4	bc	50	65	7	1	-	-	2-3 2-3 1500	1022.0	+20	SSE	3	z	44	65	6	1	7	8	4-6 4-6 4000	0	*	bccy	cbcy	bcybz	bbccw				
2	Shoeburyness	1018.5	+24	NNW	3	bc	53	45	8	1	-	-	4-6 4-6 2500	1021.3	+20	SSE	3	bc	45	85	7	5	3	-	2-3 2-3 4000	1	*	bccy	cbcy	bcybz	bbccw				
	Felixstowe	1017.3	+40	NNW	4	c	42	85	7	8	-	-	3-4 3-4 2500	1020.8	+12	SEE	2	b	42	85	7	-	4	-	0 1 -	0	2	or.cq	cbcy	bcybz	bbccw				
	Gorleston	1018.1	+18	NNW	3	c	50	65	7	3	-	-	7-8 7-8 4000	1020.3	+10	S	2	bc	51	55	6	4	-	5	1 2-3 5700	0	*	bccy	cbcy	bcybz	bbccw				
	Mildenhall	1018.1	+18	NNW	3	c	50	65	7	3	-	-	7-8 7-8 4000	1020.3	+10	S	2	bc	51	55	6	4	-	5	1 2-3 5700	0	*	bccy	cbcy	bcybz	bbccw				
	Cranwell	1017.5	+14	NW	3	z	53	45	6	4	3	5	7-8 7-8 2500	1018.9	+8	SWW	2	bc	43	65	7	5	4	-	4-6 4-6 4000	0	*	bccy	cbcy	bcybz	bbccw				
3	Birmingham	1018.3	+10	NW	2	c	51	55	8	7	-	2	7-8 7-8 2500	1019.3	+10	W	3	c	53	55	7	-	7	-	0 3 -	1	*	bccy	cbcy	bcybz	bbccw				
	Upper Heyford	1018.8	+10	WNW	4	c	52	65	8	1	-	6	4-6 7-8 4000	1020.4	+10	SW	2	bc	53	65	8	2	5	2	2-3 4-6 4000	1	*	bccy	cbcy	bcybz	bbccw				
4	Ross-on-Wye	1018.8	+8	WN	2	bc	54	65	8	7	-	-	4-6 4-6 4000	1020.5	+12	WSW	3	c	53	65	7	5	-	8	3 3 2500	0	*	bccy	cbcy	bcybz	bbccw				
5	Hartland Point	1021.1	+20	WNW	3	c	50	52	7	5	6	8	4-6 3 2500	1021.7	+2	WSW	4	c	48	52	8	8	4	1	4-6 7-8 1500	1	3	bccy	cbcy	bcybz	bbccw				
	Bristol ...	1020.1	+10	N	3	c	51	52	7	8	7	-	7-8 3 2500	1022.1	+12	W	4	z	50	52	8	6	7	-	7-8 3 800	1	*	bccy	cbcy	bcybz	bbccw				
	Portland Bill	1020.9	+14	W	3	c	51	52	7	2	-	-	7-8 7-8 4000	1022.3	+16	W	3	c	48	55	8	2	4	1	7-8 10 4000	8	3	bccy	cbcy	bcybz	bbccw				
	Plymouth	1022.2	+18	WNW	5	z	53	75	8	2	-	-	3-4 3-4 2500	1023.5	+8	WSW	4	z	50	55	8	2	4	-	7-8 7-8 2500	1	2	bccy	cbcy	bcybz	bbccw				
	The Lizard	1023.5	+20	W	4	c	54	85	8	6	-	-	7-8 7-8 2500	1024.3	+4	SW	4	c	50	52	8	6	-	-	7-8 7-8 2500	0	2	bccy	cbcy	bcybz	bbccw				
	Scilly (St. Mary's)	1022.6	+12	WNW	5	bc	55	75	7	5	-	-	4-6 4-6 2500	1023.0	-2	SWW	4	c	51	85	7	5	6	-	4-6 7-8 2500	1	2	bccy	cbcy	bcybz	bbccw				
	Guernsey	1022.3	+10	WNW	6	bc	53	85	7	-	1	8	0 4-6 -	1023.9	+12	WN	4	bc	50	85	7	1	1	8	7-8 4-6 2500	1	4	bccy	cbcy	bcybz	bbccw				
6	Pembroke	1020.0	+10	WN	4	c	49	57	7	8	-	-	0 3 1500	1019.2	0	WSW	5	c	48	52	7	5	7	-	4-6 3 2500	1	3	bccy	cbcy	bcybz	bbccw				
7	Holyhead	1017.2	+10	SW	4	c	53	75	8	-	3	-	0 7-8 -	1016.1	-2	SW	4	c	47	57	7	8	7	1	1 3 2500	1	2	bccy	cbcy	bcybz	bbccw				
	Chester (Sealand)	1018.1	+10	SSW	1	c	53	65	8	8	7	-	7-8 3 2500	1018.5	+6	S	2	c	53	55	7	5	7	6	4-6 3 4000	1	*	bccy	cbcy	bcybz	bbccw				
8	Manchester	1017.8	+10	WSW	3	c	51	55	7	5	-	-	3-4 3-4 2500	1018.3	+4	SW	3	z	51	65	6	4	7	-	7-8 3 4000	1	*	bccy	cbcy	bcybz	bbccw				
10	Spurn Head	1017.4	+20	NE	1	bc	50	65	7	2	-	-	4-6 4-6 4000	1018.5	+2	SE	4	c	44	75	8	4	3	-	4-6 3 2500	1	3	bccy	cbcy	bcybz	bbccw				
	Catterick	1016.4	+14	WSW	2	bc	53	65	8	1	-	4	2-3 4-6 4000	1016.6	+2	SW	3	c	50	75	8	4	3	-	4-6 3 2500	1	2	bccy	cbcy	bcybz	bbccw				
	Tynemouth	1015.8	+8	W	3	bc	51	55	7	1	3	-	2-3 4-6 2500	1015.8	-2	SW	3	c	50	65	6	2	3	-	4-6 7-8 2500	1	2	bccy	cbcy	bcybz	bbccw				
11	St. Abbs Head	1013.6	+4	SW	3	bc	50	85	8	7	4	1	4-6 4-6 2500	1012.4	-12	SW	5	bcy	48	75	8	5	4	1	4-6 4-6 2500	0	3	bccy	cbcy	bcybz	bbccw				
	Leuchars	1013.0	+2	SW	4	bc	52	85	8	2	-	1	4-6 4-6 4000	1011.3	-8	SW	4	c	47	85	7	5	7	-	7-8 10 2500	1	*	bccy	cbcy	bcybz	bbccw				
12	Renfrew (Abbots L.)	1013.3	-2	SW	4	c	50	75	8	5	3	-	3-4 3-4 2500	1012.0	-6	SW	2	bc	48	87	6	6	-	-	2-3 10 800	1	*	bccy	cbcy	bcybz	bbccw				
	Eskdalemuir	1014.3	+4	SW	6	bc	45	65	8	8	-	5	4-6 4-6 2500	1014.1	-4	SSW	4	bc	43	87	6	6	-	-	10 10 800	1	*	bccy	cbcy	bcybz	bbccw				
	Point of Ayre	1015.2	+4	W	4	c	54	75	8	8	3	-	4-6 7-8 2500	1014.4	-4	SW	4	c	50	85	8	5	7	-	2-3 10 2500	0	2	bccy	cbcy	bcybz	bbccw				
13A	Tiree	1008.0	-6	S	5	c	47	92	7	5	-	-	3 3 1500	1001.4	-28	S	8	bc	47	92	6	6	2	-	7-8 10 1500	1	4	bccy	cbcy	bcybz	bbccw				
13B	Stornoway	1007.3	-18	S	6	c	44	65	8	5	7	7	7-8 10 2500	1003.5	-6	S	5	bc	41	85	6	6	1	-	4-6 10 1300	1	*	bccy	cbcy	bcybz	bbccw				
15	Dalwhinnie	1011.4	-4	S	4	c	44	65	8	5	7	1	7-8 10 4000	1003.5	-6	S	5	bc	41	85	6	6	1	-	4-6 10 1300	1	*	bccy	cbcy	bcybz	bbccw				
	Aberdeen	1012.2	+4	SW	3	bc	52	55	8	7	-	8	7-8 10 4000	1010.1	-10	SW	4	c	46	75	6	6	2	-	2-3 10 2500	1	2	bccy	cbcy	bcybz	bbccw				
	Wick	1009.4	+10	S	4	bc	48	75	8	8	7	1	2-3 4-6 2500	1005.3	-24	S	4	c	45	85	7	5	7	7	4-6 10 2500	1	2	bccy	cbcy	bcybz	bbccw				
16	Lerwick	1006.2	+26	W	7	c	46	65	8	5	3	-	4-6 7-8 1500	1006.4	-2	S	4	c	44	85	8	5	7	-	7-8 3 1500	1	*	bccy	cbcy	bcybz	bbccw				
17	Blacksod Point	1011.1	-6	SW	5	c	53	75	6	5	-	-	10 10 450	1008.2	-18	S	7	bc	51	85	7	5	-	-	10 10 450	0	4	bccy	cbcy	bcybz	bbccw				
18	Malin Head	1010.5	+6	SSW	4	c	48	85	8	6	-	-	3 3 4000	1008.1	-10	SW	5	c	51	75	8	8	-	-	7-8 7-8 4000	0	3	bccy	cbcy	bcybz	bbccw				
	Aldergrove	1013.3	+4	SW	3	c	50	75	8	7	2	-	3 3																						

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	Fresh or strong southwest wind; cloudy, occasional slight rain or drizzle; mild.
9 N. Midlands ...	
10 N.E. England	Wind southwest to west strong to gale; cloudy or dull, rain at times; average temperature or rather mild.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 4 - 9.
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	As 4 - 9.
15 N. E. Scotland	
16 Orkneys and Shetlands	As 4 - 9.
17 N. W. Ireland	
18 N. E. Ireland	As 4 - 9.
19 S. E. Ireland	
20 S. W. Ireland	As 4 - 9.

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

GENERAL INFERENCE.

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.

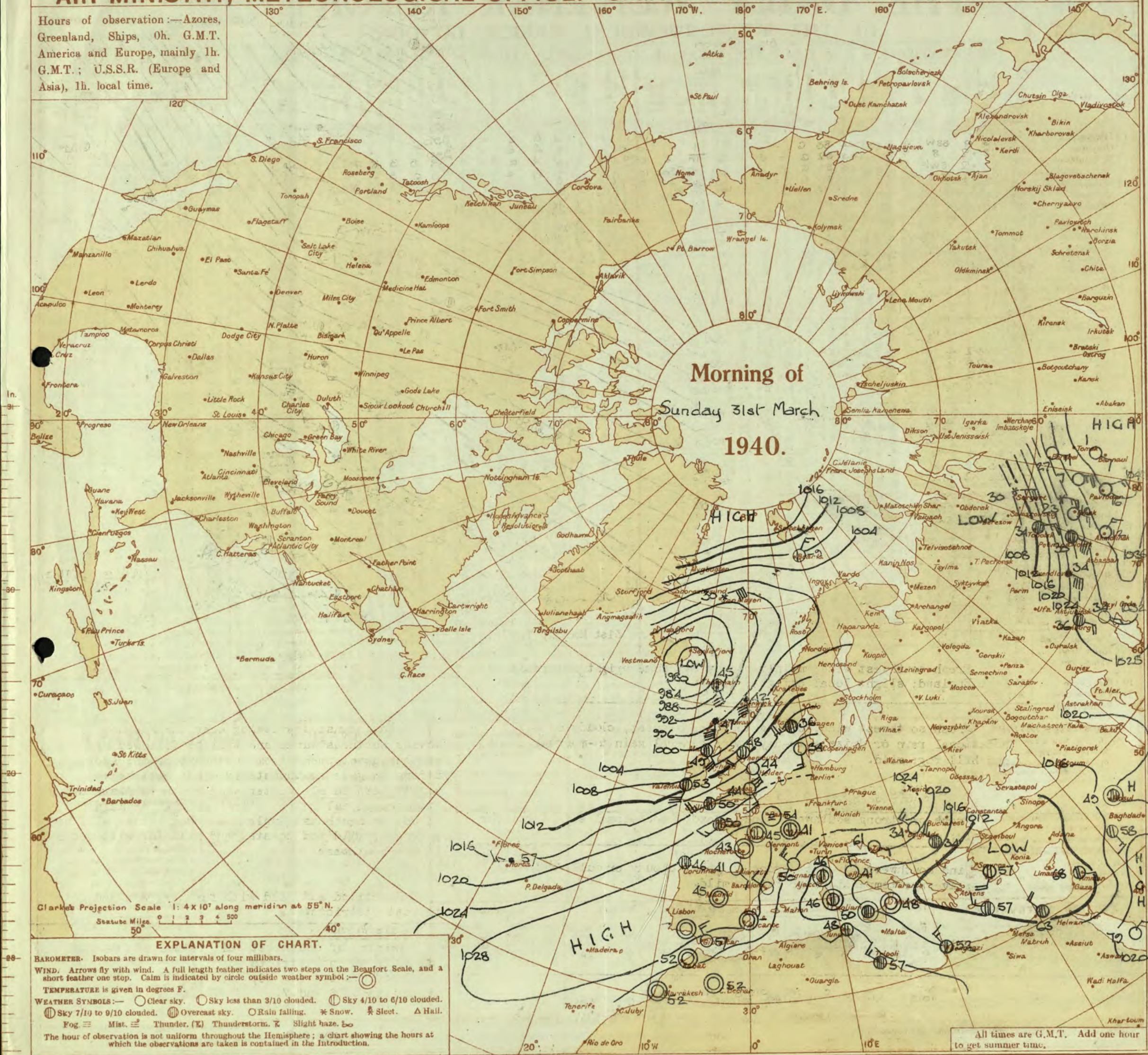
Forecasts issued at 1100 GMT.

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

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

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

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



THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 31st March														OBSERVATIONS at 7 hr. G.M.T. 31st 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. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)		
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Direc. (17)	Force. (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (25)	State of Ground. 0-9 (29)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h mm. (34)	Night 18h-7h mm. (35)						
1	London (Kew)	18	30.1	0	SSW	3	c	44	85	6	-	-	-	30.1	-4	SSW	3	c	46	85	8	5	-	-	-	-	-	54	43	34	-	-	9.3				
	Croydon	217	30.2	0	SSW	3	c	44	85	6	-	-	-	30.2	0	SE	4	c	46	85	8	5	-	-	-	-	-	54	41	38	-	-	10.0				
	S. Farnborough	226	30.2	+2	S	2	c	44	87	6	-	-	-	30.2	-2	SSW	4	c	47	85	8	5	3	8	7-8	9	54	40	35	Tr	Tr	4.4					
	Boscombe Down	417	30.2	+2	SW	2	bc	44	87	6	-	-	-	30.2	-2	SW	5	c	46	85	8	5	3	8	7-8	9	55	40	36	0.3	-	4.5					
	Calshot (Stmntn.)	8	30.2	+2	SW	3	c	45	87	6	-	-	-	30.2	0	SW	5	bc	47	85	7	5	3	8	4-6	4	55	43	40	0.1	-	5.0					
	Lympe	346	30.2	+2	SW	1	c	41	85	7	-	-	-	30.2	+2	SW	3	c	44	87	7	5	-	-	-	-	54	40	31	-	Tr	8.1					
	Manston	154	30.2	+2	SW	2	c	42	82	6	-	-	-	30.2	0	SW	3	c	43	87	7	5	-	-	-	-	52	39	36	-	Tr	8.4					
2	Shoeburyness	11	30.2	-2	SSW	4	c	42	87	5	-	-	-	30.2	-2	SSW	3	c	43	87	7	5	-	-	-	-	57	42	30	-	-	8.7					
	Felixstowe	15	30.2	-2	SSW	4	c	42	87	5	-	-	-	30.2	-2	SSW	3	c	43	87	7	5	-	-	-	-	54	40	30	-	-	6.5					
	Gorleston	5	30.2	0	SW	4	bc	40	85	7	-	-	-	30.2	-4	SW	3	bc	44	85	6	-	-	-	-	-	45	38	36	0.1	-	3.8					
	Mildenhall	19	30.2	0	SW	2	c	42	85	6	-	-	-	30.2	+2	SSW	4	c	45	85	6	5	7	-	-	-	54	40	35	-	-	8.9					
	Cranwell	240	30.2	+2	SW	4	c	45	85	6	-	-	-	30.2	-8	SSW	6	c	45	85	8	5	3	7	2-3	10	55	38	20	-	Tr	9.6					
3	Birmingham	535	30.1	+2	WSW	3	bc	43	87	6	5	7	-	-	30.1	-2	SSW	4	c	45	85	8	5	7	-	-	-	54	43	41	-	-	7.3				
	Upper Heyford	408	30.1	+2	WSW	3	bc	43	87	6	5	7	-	-	30.1	-4	SW	5	c	46	85	8	5	7	-	-	-	56	41	35	-	-	7.3				
	Ross-on-Wye	223	30.1	+2	WSW	3	bc	43	87	6	5	7	-	-	30.1	-4	SSW	4	bc	46	85	8	5	7	-	-	-	56	41	35	-	-	7.3				
4	Hartland Point	299	30.2	-12	WSW	5	c	48	85	8	8	6	-	-	30.2	-10	SW	6	c	49	82	7	6	2	-	-	-	51	47	45	Tr	Tr	2.4				
	Bristol	209	30.2	-2	SW	4	c	47	85	6	5	-	-	-	30.2	-10	SW	4	c	48	85	7	5	3	-	-	-	56	45	41	0.3	-	5.4				
	Portland Bill	32	30.2	-4	SW	3	bc	47	82	8	-	-	-	-	30.2	-4	WSW	4	c	46	85	8	5	-	-	-	-	52	41	-	-	-	3.1				
	Plymouth	82	30.2	-2	SW	3	c	48	82	7	5	-	-	-	30.2	-4	SSW	4	c	49	82	6	5	-	-	-	-	56	47	44	-	-	3.1				
	The Lizard	240	30.2	-6	SW	3	c	43	85	8	8	-	-	-	30.2	-10	SW	6	c	49	82	7	8	2	-	-	-	55	47	-	-	-	3.1				
	Scilly (St. Mary's)	163	30.2	-10	SW	5	c	50	85	8	8	-	-	-	30.2	-10	SW	6	c	50	82	7	8	2	-	-	-	55	47	-	-	-	3.1				
	Guernsey	175	30.2	-10	SW	5	c	50	85	8	8	-	-	-	30.2	-10	SW	6	c	50	82	7	8	2	-	-	-	55	47	-	-	-	3.1				
5	Pembroke	142	30.1	-4	SW	5	c	47	87	7	5	-	-	-	30.1	-6	SW	6	c	48	87	7	5	-	-	-	-	51	46	-	-	-	3.8				
	Holyhead	26	30.1	-14	SW	5	c	47	85	7	5	-	-	-	30.1	-10	SSW	5	bc	47	87	4	5	-	-	-	-	53	46	44	Tr	0.4	3.6				
	Chester (Sealand)	16	30.1	-10	ESE	1	c	43	85	6	5	-	-	-	30.1	-10	SSW	4	c	51	75	7	5	7	6	4-6	3	56	48	42	-	-	5.0				
	Manchester	70	30.1	-4	SE	3	c	47	85	6	5	-	-	-	30.1	-10	SW	4	c	48	85	7	5	7	-	-	-	54	41	39	-	-	5.3				
10	Spurn Head	29	30.1	-4	SE	4	bc	44	85	6	-	-	-	-	30.1	-6	SE	5	c	44	85	6	2	-	-	-	-	50	40	-	-	-	8.9				
	Catterick	175	30.1	-14	SW	5	c	48	85	7	5	-	-	-	30.1	-10	SW	4	bc	47	85	8	6	2	-	-	-	54	46	32	-	-	9.5				
	Tynemouth	108	30.1	-14	SW	4	c	48	85	6	2	-	-	-	30.1	-12	SW	5	c	47	85	6	8	-	-	-	-	54	47	44	-	-	9.5				
11	St. Abbs Head	280	30.0	-24	SSW	5	c	46	85	7	8	2	-	-	30.0	-18	SW	8	c	47	85	8	6	-	-	-	-	52	34	-	-	-	7.5				
	Leuchars	36	30.1	-18	SSW	5	c	46	85	6	5	-	-	-	30.1	-18	SW	7	c	50	85	8	5	-	-	-	-	52	45	41	-	-	7.5				
	Renfrew (Abbots I.)	19	30.1	-14	SW	5	c	50	85	6	5	2	-	-	30.1	-10	SW	5	c	50	85	6	5	-	-	-	-	51	47	42	-	-	4.1				
	Edinburgh	794	30.1	-14	SW	5	c	50	85	6	5	2	-	-	30.1	-10	SW	5	c	50	85	6	5	-	-	-	-	51	47	42	-	-	4.1				
	Point of Ayre	30	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
13A	Tiree	22	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
13B	Stornoway	80	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
15	Dalwhinnie	1176	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
	Aberdeen	79	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
	Wick	81	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
16	Lerwick	156	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
17	Blackod Point	18	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
18	Malin Head	84	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
	Aldergrove	268	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
19	Birr Castle	173	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
20	Valentia Obay.	30	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				
	Roches Point	22	30.1	-6	SW	6	bc	48	82	8	-	-	-	-	30.1	-10	SW	7	c	49	82	7	5	-	-	-	-	47	41	41	0.3	-	5.9				

LONDON OBSERVATIONS.										EXPLANATION OF FIGURES, LETTERS, etc.									
Day 7h—18h, Kew & Croydon.										The barometric tendency is expressed in tenths of a millibar.									
9h—18h, Kensington.										The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.									
9h—21h, other stations except for rainfall which is 9h—18h.										Objects not visible at 55 yards.									
Height above M.S.L. in feet.										Columns 8, 22—Code for surface visibility.									
Weather.										Columns 2, 16.									
Temperature.										Columns 4, 18.									
Rainfall.										Columns 30—Code for State of Sea.									
Sunshine.										Columns 34, 35.									
Humidity.										Tr. = rain has fallen, but amount less than 0.1 mm.									
Atmospheric Pollution.																			
Milligrams of Solid Impurity per cubic metre.																			
24 hrs. ended 9h.																			
Yesterday.																			
To-day.																			
24 hrs. ended 7h. G.M.T. 31st.																			
SOUTH KENSINGTON.																			
Max. Time. Min. Time.																			
KEW OBSERVATORY.																			
Max. Time. Min. Time.																			
Beaufort No. Statute m/h. Beaufort No. Statute m/h. Beaufort No. Statute m/h.																			
0 1 4 13-18 9 47-54																			
1 1-3 5 19-24 10 55-63																			
2 4-7 6 25-31 11 64-75																			
3 8-12 7 32-38 12 76																			
8 39-46																			
COLUMNS 34, 35.																			
Tr. = rain has fallen, but amount less than 0.1 mm.																			