

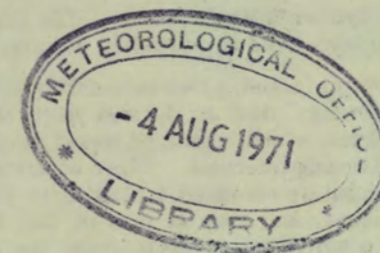
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# THE DAILY WEATHER REPORT

BRITISH SECTION

1st April to 30th June

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.	oh. or 1h. G.M.T.

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

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

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

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

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

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

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

## THE INTERNATIONAL AND UPPER AIR SECTIONS.

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

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

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

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

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

## THE BEAUFORT SCALE OF WIND FORCE

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

## GALE WARNINGS

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

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

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

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

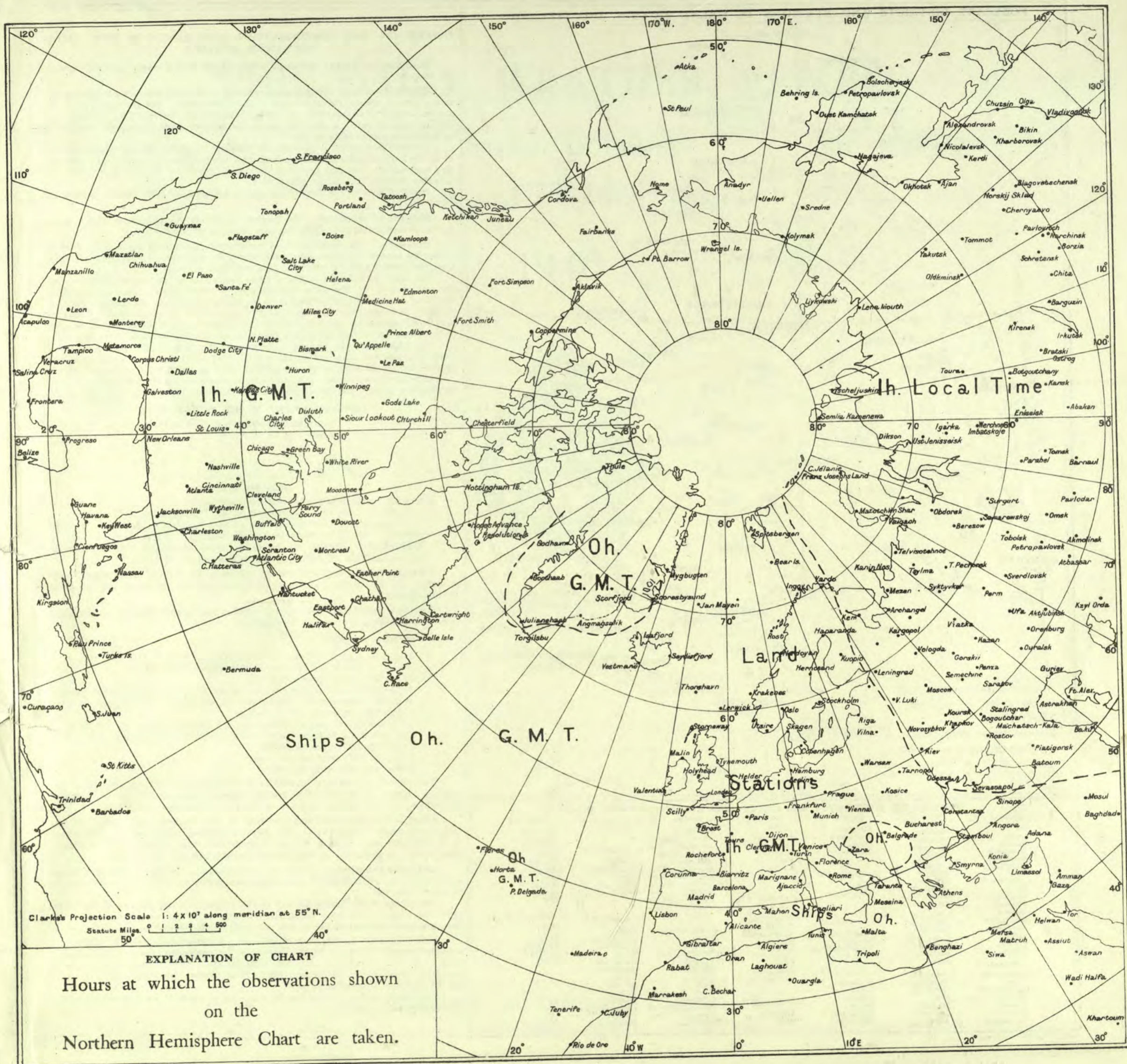
For gales commencing from East or West the South Cone will be hoisted if the gale is expected to change to a Southerly direction.

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

▲ North Cone hoisted :

▼ South Cone hoisted :

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



# FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



## FORECAST DISTRICTS and the Counties comprised within them

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

## NOTES ON THE INFORMATION CONTAINED IN THE DAILY WEATHER REPORT

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

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

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

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

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

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

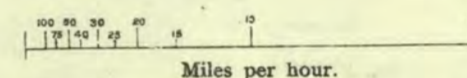
The wind at a height of 1,500–2,000 feet above ground usually blows along the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, e.g., for isobars 1 inch apart for the chart on Page 2 the speed of the upper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

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

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

### GEOSTROPHIC WIND SCALE FOR

8 mb isobars on 1:4 × 10<sup>7</sup> Charts.  
or 2 mb " " 1:10<sup>7</sup> " "



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 formulae:—

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

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

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

where  $x$  is the vapour pressure in mb.

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

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

$t$  the dry bulb temperature; and  
 $t'$  the wet bulb temperature.

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

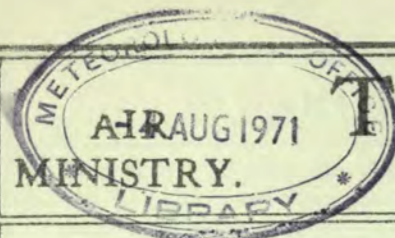
**Wind.**—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. Each feather denotes two steps on the Beaufort Scale; thus force 5 is indicated by two whole feathers and one half feather.

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

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

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY  
SUPPLEMENT,

Page 1.

APRIL, 1940 No. 280.

Unsettled, becoming fair out cold. Warmer conditions, thunder later.

The main feature of the first week of the month was the stormy weather experienced in Scotland and Northern Ireland, while conditions generally were unsettled. A series of depressions moved over the northern half of the country from the Atlantic, and winds frequently reached gale force, especially in the extreme North. At Stornoway, a gust of 72 m.p.h. was recorded, and gusts of over 50 m.p.h. occurred at many places. There were wintry showers, and heavy rain at times in the North.

On the 8th a large anticyclone over the Atlantic became the dominating influence, giving rise to northerly winds with colder and more settled weather over most of the country. During the cold spell many frosts were registered; on the night of the 11th, Dalwhinnie reported a grass minimum temperature of 13°F, while Bristol recorded 15°F, Kew and Ross-on-Wye 16°F. The weather continued mainly cold and dry until the 14th, when the anticyclone receded before the southward advance of a deep depression over Scandinavia. By the 15th winds had become northwesterly, mainly fresh or strong with gales in exposed places on our Eastern seaboard. There was snow in the North hail or sleet showers elsewhere.

A period of heavy rain in Southern England was associated with a depression which moved northeastwards from Brittany on the 18th.

Scilly recorded 51 mm. and the Lizard 35 mm.

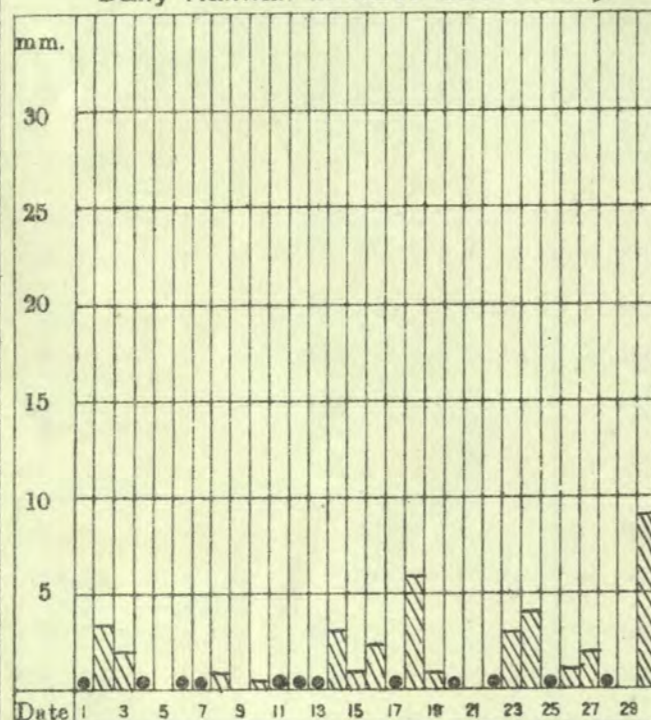
By the 20th a southerly current had produced a marked rise of temperature over the greater part of the country, and warmer conditions continued until the end of the month. On the 21st readings touched 70°F in the London area, and the 22nd was noteworthy for the high maxima of 77°F at Horfield near Bristol, 75°F at Bristol, 73°F at South Farnborough, Boscombe Down and Ross-on-Wye.

During the last 10 days an extensive fog belt persisted near the East Coast, and there were considerable patches of coastal fog in the South and West.

The last few days of the month were marked by thundery conditions, particularly on the 27th and the 28th, Ross-on-Wye recording a rainfall of 46 mm. on the 28th.

Considerable bright periods were enjoyed in many parts, and many unbroken spells of over 10 hours sunshine were reported. Lerwick had 13.9 hours on the 23rd. Rainfall totals in the East and Southeast were mainly below the April average, but were considerably above in most other districts. Birmingham's total of 122 mm. was the highest ever registered, as was that of 88 mm. at Aldergrove.

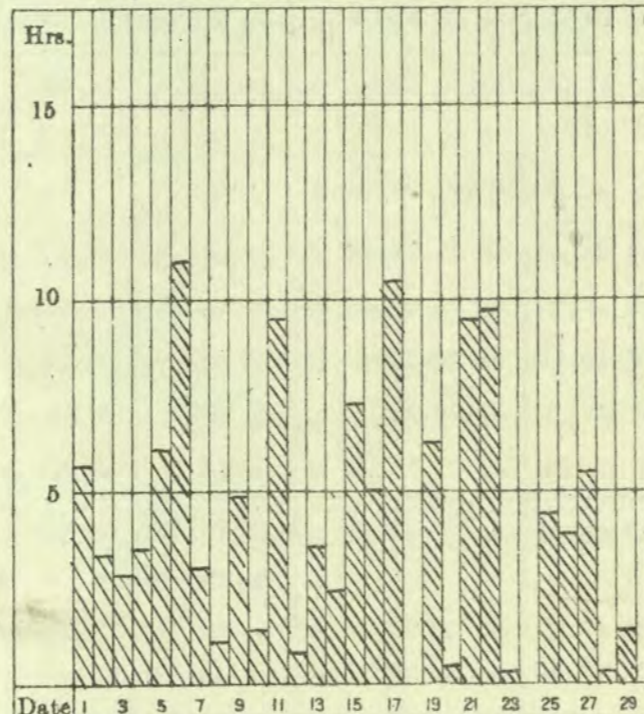
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

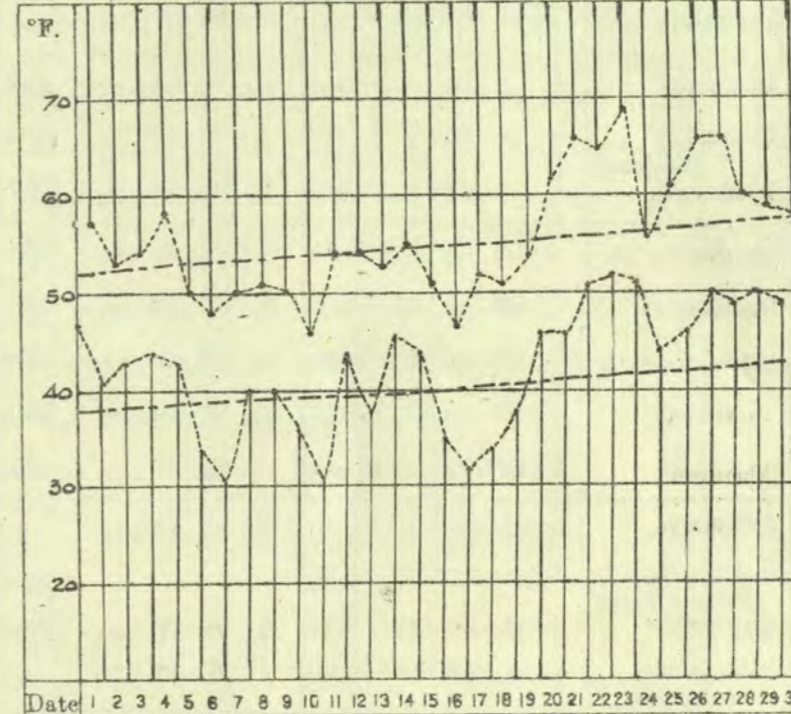
RAINFALL. Total for Month. 41 mm.

Daily Sunshine at KEW Observatory



SUNSHINE. Total for Month. 126 hrs.

Daily Range of Temperature at KEW Observatory.



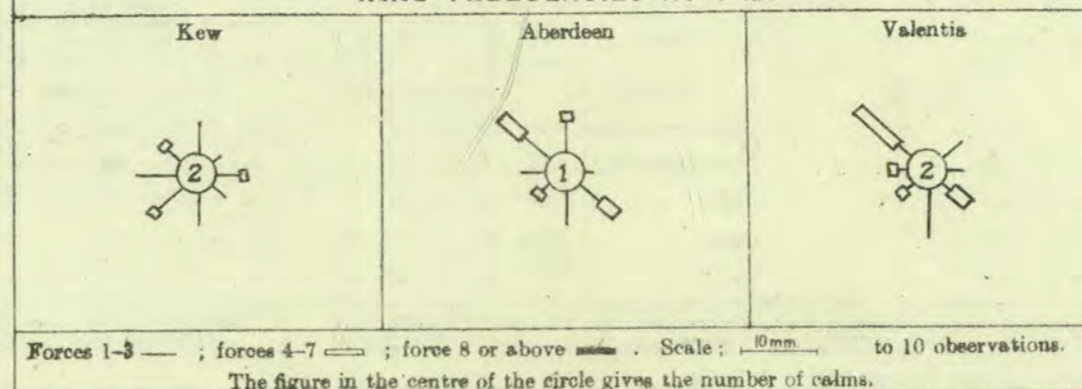
TEMPERATURE. The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1012.9	mb. -1.5	°F. 49.2	+1.5
Aberdeen	1011.0	-1.7	43.1	-0.4
Valentia	1012.8	-1.0	49.6	+2.2

\*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.



Forces 1-3 — ; forces 4-7 — ; force 8 or above — . Scale: 10 mm. to 10 observations.  
The figure in the centre of the circle gives the number of calms.

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

	miles
Kew	6594
Aberdeen	6855
Lerwick	13544
Valentia	8669

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

District.	STATIONS.	TEMPERATURE.												LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																					
		Number of daily readings within fixed limits.					Extremes—Warmest and Coldest.					Number of Ground Frosts.	Number of observations within fixed limits.						Number of observations within fixed limits.																						
							Days.				Nights.		7 h.		13 h.		18 h.		7 h.			13 h.																			
		Maximum.				Average Maximum.	Minimum.				Average Minimum.	Highest Max.		Lowest Max.		Highest Min.		Lowest Min.		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.	
		33°-41°	42°-50°	51°-59°	60°-68°		69°-78°	24°-32°	33°-41°	42°-50°		51°-59°	Highest Max.	Lowest Max.	Highest Min.	Lowest Min.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.									
1	London (Kew Obsy).	-	6	16	7	1	54.6	3	9	15	3	40.3	69	23	46	10	52	23	31	7	11	-	27	-	-	27	-	-	29	-	-	-	3	5	-	-	-	2	14		
	Croydon	-	4	16	9	1	54.3	5	8	17	-	39.9	69	23	40	17	50	23	28	6	6	9	10	-	3	25	-	1	28	-	-	-	1	4	10	-	-	-	2	15	
	Calshot** (Southampton)	-	5	23	2	-	53.4	2	10	18	-	41.1	63	22	47	10	50	23	30	17	4	7	13	3	4	24	2	2	21	6	-	-	2	-	6	-	-	1	1	21	
	Lympne	-	10	14	5	1	51.9	2	16	10	2	39.4	70	22	43	6	55	23	32	7	4	8	13	3	5	21	1	4	15	6	-	3	3	1	22	-	-	-	1	24	
2	Shoeburyness	-	5	19	6	-	53.9	2	11	15	2	39.2	67	21	45	6	51	27	29	11	6	4	11	5	5	18	3	3	17	6	-	-	2	3	9	-	-	-	2	16	
	Gorleston	-	17	10	3	-	50.7	-	13	17	-	40.6	66	21	44	6	48	24	33	16	-	3	18	-	2	22	-	-	25	-	-	1	1	2	11	-	1	2	-	14	
	Cranwell	-	8	17	5	-	53.4	5	15	10	-	37.6	66	27	47	5	47	1	28	8	7	7	14	1	8	20	1	4	19	4	-	1	-	6	5	-	-	-	1	17	
3	Birmingham (Edgbaston)	-	7	17	5	1	52.2	2	17	10	1	39.4	69	22	43	16	51	28	29	17	7	7	18	-	2	27	-	4	22	-	-	1	2	10	5	-	-	1	-	18	
4	Ross-on-Wye	-	3	19	7	1	53.9	5	9	13	3	39.4	73	22	43	10	51	23	26	11	8	6	22	-	2	26	1	1	29	1	-	2	-	1	18	-	-	-	1	27	
5	The Lizard	-	3	27	-	-	*	-	7	23	-	*	57	27	44	18	30	27	33	14	*	3	27	-	1	29	-	2	28	-	-	1	1	3	21	-	1	-	-	24	
7	Holyhead	-	12	18	-	-	50.1	-	7	23	-	42.4	59	22	45	16	50	28	36	11	2	11	18	1	4	26	-	6	21	2	-	-	-	2	19	-	-	-	-	24	
8	Chester (Sealand)	-	5	18	7	-	53.2	4	7	18	1	39.0	65	26	42	17	53	22	29	18	6	4	21	-	3	24	1	3	26	-	-	-	3	3	9	-	-	-	1	19	
10	Tynemouth	-	18	12	-	-	49.3	-	18	12	-	39.7	58	26	42	21	48	27	34	16	3	-	30	-	-	30	-	-	30	-	-	-	4	-	8	-	-	2	-	16	
11	Leuchars	-	16	13	1	-	50.7	-	22	8	-	37.0	66	26	42	21	46	7	33	10	7	9	17	1	9	21	-	7	21	-	-	1	2	1	19	-	-	1	-	24	
12	Renfrew	1	13	14	2	-	51.9	3	17	10	-	37.0	64	26	41	21	47	28	28	10	8	8	18	3	4	25	1	8	20	1	-	-	1	3	15	-	-	-	-	14	
	Eskdalemuir	-	17	11	2	-	49.0	10	18	2	-	39.9	64	27	42	21	46	28	25	11	11	13	17	-	7	23	-	7	22	-	-	-	1	-	19	-	-	-	-	21	
13	Stornoway	1	19	10	-	-	48.8	1	17	12	-	38.1	58	27	41	1	47	29	32	15	*	-	29	-	1	28	-	2	27	-	-	-	-	-	25	-	-	-	-	25	
15	Aberdeen	1	22	7	-	-	49.0	2	21	7	-	38.0	58	25	41	22	43	7	32	15	5	4	24	-	5	25	-	5	23	-	-	-	1	1	17	-	-	-	-	18	
18	Aldergrove	-	6	22	2	-	*	3	11	16	-	*	62	27	44	15	46	27	29	18	6	9	17	2	6	23	1	3	22	4	-	-	-	2	17	-	-	-	1	22	
19	Dublin (Phoenix Park)						53.2					36.6										*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	Birr Castle	-	4	20	6	-	53.3	3	8	17	2	38.1	67	27	47	15	52	27	28	19	3	-	28	-	-	30	-	-	30	-	-	-	-	30	-	-	-	-	30		
20	Valentia (Cabirciveen)	-	6	23	1	-	52.4	1	5	19	5	42.4	64	22	47	16	53	27	29	18	4	10	20	-	8	22	-	4	26	-	-	-	-	23	-	-	-	-	25		

## UPPER AIR TEMPERATURE.

## UPPER WINDS.

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

Pressure.	Normal Height.	MILDENHALL.			ALDERGROVE.					STATION		LYMPNE						PLYMOUTH (Mt. Batten).						HOLYHEAD.						RENFREW.						STATION.				
		Normal Temp.	Mean.	No. of Reports.	Mean.	No. of Reports.	Mean.	No. of Reports.	Height.	No. of Obs.	5 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	5 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	5 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	5 to 25	26 to 50	51 to 75	76 to 100	Above 100	Height.						
																																			°F.	°F.	°F.	Metres.	kilometres per hour.	kilometres per hour.
mb.	Feet.	°F.	°F.		°F.																																			
950	1760	42.6	43.8	60	42.9	60									500 above ground.	51	27	43	17	2	0	86	32	43	10	0	0	34	11	18	4	0	0	89	37	38	10	4	0	500 above ground.
850	4700	31.8	33.5	60	33.3	60									1000 above M.S.L.	72	13	38	15	3	0	70	24	30	16	0	0	25	8	15	2	0	0	68	34	22	10	2	0	1000 above M.S.L.
750	7950	22.4	24.1	60	25.3	60									2000 " "	39	12	18	6	2	1	30	11	10	9	0	0	10	2	6	2	0	0	31	11	16	3	1	0	2000 " "
650	11530	11.1	12.9	60	14.3	60									3000 " "	22	9	7	6	0	0	13	5	4	4	0	0	3	0	2	1	0	0	11	3	4	3	1	0	3000 " "
550	15720	-3.3	-1.5	60	-0.4	58									4000 " "	8	3	2	3	0	0	5	1	3	1	0	0	1	1	0	0	0	0	7	1	3	2	1	0	4000 " "

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

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

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

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

# SUNSHINE, RAINFALL, AND HUMIDITY.....APRIL.....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.
1	London (Kew Obsy). Croydon Calshot** (Southampton) Lympne	3	8	10	4	6	11.0	6	1422	-47	126	-20	1880	244	1893	79	1920	13	6	9	2	-	-	9	30	708	+102	41	+4	1856	101	1878	1	1912	1	2											
		3	10	8	3	6	11.1	17	1412	-113	131	-2	1922	176	1927	102	1937	11	8	8	3	-	-	7	18	785	+106	43	+1	1921	104	1926	4	1938	1	0											
		4	8	4	8	6	12.5	17	1642	-104	144	-15	1881	277	1893	96	1920	19	6	5	-	-	-	5	18	799	+153	19	-18	1871	110	1907	0.4	1938	2	0											
		3	10	10	-	7	12.2	17	1722	-43	138	-23	1921	237	1921	131	1931	13	9	7	1	-	-	8	18	876	+152	30	-12	1920	91	1926	13	1938	1	0											
2	Shoeburyness ...	2	12	6	7	3	11.8	21	1577	-139	125	-28	1919	227	1921	94	1937	17	5	6	2	-	-	7	18	634	+131	35	+4	1920	99	1926	5	1938	3	0											
	Gorleston ...	2	12	6	8	2	12.4	21	*	*	132	-32	1908	268	1909	69	1937	19	5	2	3	1	-	20	4	660	+38	41	+3	1871	100	1871	3	1893	2	1											
	Cranwell ...	3	11	10	2	4	11.6	17	1342	-196	122	-19	1921	194	1921	84	1937	20	2	7	1	-	-	8	18	626	+36	29	-5	1917	110	1920	4	1938	0	1											
3	Birmingham ... (Edgbaston)	3	11	10	5	1	12.3	17	1177	-127	106	-21	1887	233	1893	61	1891	8	10	5	5	1	1	31	27	803	+129	122	+78	1893	118	1920	3	1938	4	3											
4	Ross-on-Wye ...	1	11	10	6	2	12.4	17	1402	-83	127	-15	1915	218	1938	72	1920	13	9	3	4	-	1	46	28	694	-23	99	+51	1859	143	1889	1	1938	3	0											
5	Falmouth ... (Observatory)	3	9	6	10	2	12.1	17	1684	-26	131	-56	1881	272	1906	112	1931	12	6	8	3	-	1	29	18	1122	+5	84	+17	1871	179	1882	1	1938	1	0											
7	Holyhead ..	3	12	7	4	4	12.0	17	1668	+18	119	-55	1914	240	1938	91	1920	8	9	8	5	-	-	13	30	883	-4	65	+12	1871	97	1908	5	1938	0	0											
8	Chester ... (Sealand)	2	11	9	8	-	8.7	10	1368	-8	114	-25	1928	189	1938	102	1931	11	8	7	4	-	-	15	30	752	+91	55	+18	1922	80	1937	5	1938	2	2											
10	Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	1935	*	*	*	*	16	4	10	-	-	-	4	27	687	+66	81	-5	1915	110	1934	6	1938	0	0											
11	Leuchars ...	8	7	8	2	5	12.2	16	1306	-164	124	-25	1922	191	1936	98	1937	15	9	5	1	-	-	7	21	636	-17	27	-13	1922	117	1934	2	1938	0	1											
12	Renfrew ...	8	9	8	1	4	11.4	16	1124	-69	96	-37	1921	179	1938	73	1937	12	6	8	4	-	-	12	21	860	-79	57	0	1921	124	1925	18	1938	0	1											
	Eskdalemuir ...	7	11	9	0	3	12.3	16	1160	-41	88	-40	1910	194	1914	64	1937	10	6	6	8	-	-	14	21	1267	-162	98	+12	1910	191	1925	20	1918	2	5											
13a	Stornoway	4	6	10	5	5	12.4	27	1219	+4	144	-6	1881	216	1902	105	1937	13	4	8	4	-	1	34	1	927	-339	99	+22	1870	172	1904	10	1891	0	4											
15	Aberdeen ...	6	13	4	3	4	11.4	10	1193	-136	100	-44	1881	235	1906	81	1937	12	7	6	4	1	-	18	1	672	-76	58	+10	1871	156	1934	10	1912	0	1											
18	Aldergrove ...	5	10	8	5	2	11.7	10	1234	*	114	*	1927	193	1938	57	1937	9	5	9	6	1	-	19	30	958	+120	88	+34	1928	75	1932	6	1938	0	2											
19	Dublin ... (Phoenix Park) Birr Castle ...	2	12	8	6	2	10.6	15	1248	-58	127	-25	1881	245	1914	70	1937	11	6	11	2	-	-	14	30	822	-5	64	+10	1862	121	1894	4	1938	2	0											
20	Valentia ... (Cahiriveen)	3	9	10	5	3	12.8	18	1569	+201	127	-34	1880	262	1938	75	1906	6	10	9	4	1	-	19	19	1359	-55	81	-12	1866	167	1901	2	1938	0	0											

## MINIMUM SURFACE HUMIDITY. No. of Days (MDT. to MDT.) WITH MINIMA BETWEEN FIXED LIMITS.

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

## STATE OF GROUND AT 18 h. No. of Days EACH TYPE WAS RECORDED.

STATIONS.	0	1	2	3	4	5	6	7	8	9	CODE for State of Ground.
London (Kew)	-	30	-	-	-	-	-	-	-	-	0 Dry.
Ross-on-Wye	17	13	-	-	-	-	-	-	-	-	1 Wet.
Renfrew ...	3	27	-	-	-	-	-	-	-	-	2 Flooded.
Eskdalemuir	8	27	-	-	-	-	-	-	-	-	3 Frozen hard and dry.
Aberdeen ...	5	25	-	-	-	-	-	-	-	-	4 Partly covered with snow or hail.
Valentia ...	7	25	-	-	-	-	-	-	-	-	5 Covered with ice or glazed frost.
											6 Covered with thawing snow.
											7 Covered with snow, less than 6 ins., but ground not frozen.
											8 Covered with snow, less than 6 ins., and ground frozen.
											9 Covered with snow, greater than 6 ins. deep.

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

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

## PRESSURE: ICELAND TO GULF OF LIONS

APRIL 1940

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



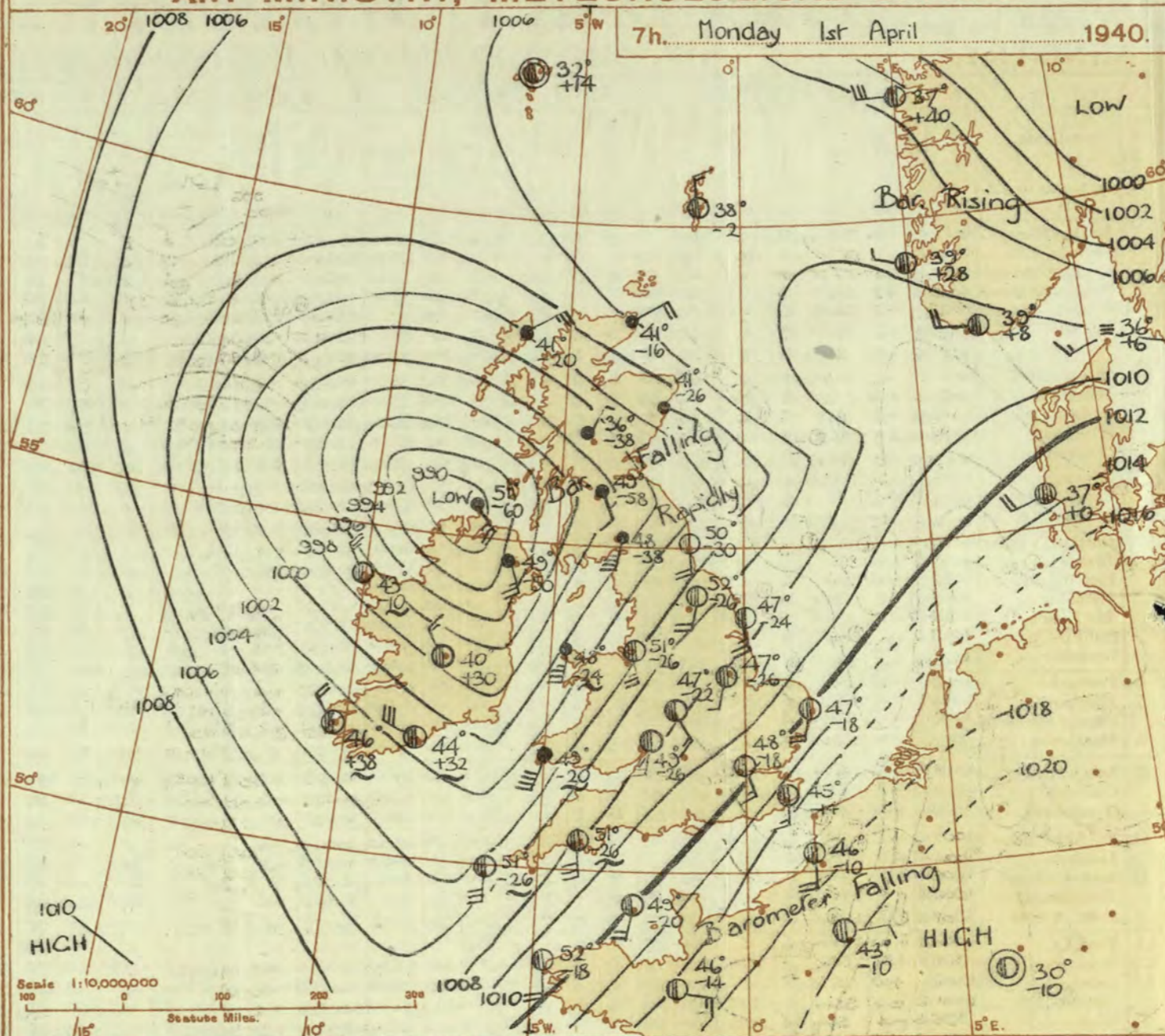
\* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h., 7h., 13h., and 19h. are plotted consecutively and joined to show the variation of pressure from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

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTIONMonday, 1st April, 1940.  
No. 28620

OBSERVATIONS at 13h. G.M.T. 31st. March														OBSERVATIONS at 18h. G.M.T. 31st. 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)	Visib. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.				State of ground. 0-9 (29)	WEATHER.																	
				Direc.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of base. (feet) (14)											Form.	Amount Low 0-10 Total 0-10 (24) (25)	Height of base. (feet) (26)			7h.—13h. 31st (37)	13h.—18h. 31st (38)	18h.—1st 1st (39)	1st.—7h. 1st (40)													
1	London (Kew)...	1021.1	-6	SSW	5	C	51	75	8	5	-	9	24	1500	1020.0	-8	SW	4	Z	50	85	6	5	-	9	24	2500	1	* cprc	cprcm	fmo	c												
	Croydon ...	1021.9	-2	SW	3	C	51	75	8	5	-	10	10	2500	1020.4	-10	S	3	C	52	75	7	5	7	-	7-8	24	2500	1	* cbrcc	cbrcc	bcczoc	bcczoc											
	S. Farnborough	1021.5	-2	SSW	6	C	53	75	8	8	3	-	9	24	1500	1021.1	-8	SSW	4	C	51	75	7	5	2	-	7-8	10	2500	1	* cprc	c	cbrcc	cbrcc										
	Boscombe Down	1020.6	+2	SW'S	6	C	50	85	7	5	1	-	9	24	1500	1019.1	-2	SW'S	5	C	49	85	7	5	2	-	7-8	10	1500	1	* cidc	cidc	cbrcc	cbrcc										
	Calshot (Soton.)	1022.0	-2	SW'S	5	C	50	75	7	1	-	0	9	-	-	-	-	-	-	49	85	7	-	7	-	0	10	-	1	2	bccpr	c	cidc	cidc										
	Lymington	1023.8	+2	SW'S	5	C	50	75	8	5	-	9	24	1500	1022.0	-6	SW'S	4	C	47	85	8	-	9	6	0	9	-	1	2	Fbccc	bcc	cidc	cidc										
	Manston	1022.6	-10	SW	6	C	52	85	7	5	1	7-8	7-8	1000	1021.3	-6	SW'S	5	C	51	75	8	5	4	6	2-3	24	1000	0	* cmbe	bcc	cidc	cidc											
2	Shoeburyness ...	1021.7	-2	SSW	4	C	55	65	6	7	-	7-8	7-8	2500	1020.4	-6	SW'S	4	C	52	65	7	5	4	1	4-6	7-8	5700	1	* bczc	bccz	bccz	bccz											
	Felixstowe ...	1020.8	-10	SSW	5	C	54	65	9	5	4	6	2-3	4-6	2500	1019.8	-6	SW'S	4	C	50	75	7	5	7	-	7-8	24	1000	1	2	bcc	bccz	bccz										
	Gorleston ...	1018.9	-10	SW	5	C	56	75	6	5	3	-	4-6	7-8	2500	1017.7	-2	SW'S	4	C	54	75	6	-	7	3	0	7-8	-	0	3	bccq	c	bccq	cq									
	Mildenhall	1018.8	-8	SW'S	3	C	45	7	5	3	-	9	10	1500	1017.7	0	SW'S	5	C	53	75	7	5	7	-	7-8	10	2500	1	* bccm	cc	bccm	cc											
	Cranwell	1016.4	-8	SSW	7	C	52	85	8	5	-	10	10	1500	1014.8	+2	SSW	6	ir	51	92	7	6	2	-	9	10	800	1	* c	cc	c	c											
3	Birmingham	1016.1	-4	SSW	4	C	51	85	8	5	-	10	10	1500	1015.6	-2	SSW	3	ir	49	97	6	6	-	-	10	10	800	1	* cprc	cc	cprc	cc											
	Upper Heyford	1018.7	-6	S	6	C	51	75	7	5	2	-	9	10	1500	1017.7	-4	SSW	6	C	50	85	7	5	-	-	10	10	1500	1	* bccm	cc	bccm	cc										
4	Ross-on-Wye ...	1016.6	-12	SW'S	3	C	53	85	7	5	-	10	10	1500	1015.9	-4	SW	5	ir	51	92	7	6	-	-	10	10	1500	1	* d.d.c	cc	d.d.c	cc											
5	Hartland Point	1015.4	-4	SW	5	rr	51	97	7	6	2	-	7-8	10	800	1014.5	-4	SW	6	C	52	92	7	8	2	-	7-8	10	1500	1	4	irrr	rrc	irrr	rrc									
	Bristol ...	1018.2	-10	S	6	rr	50	92	8	5	7	-	9	10	1500	1017.4	-6	SSW	5	C	51	85	8	5	7	-	7-8	10	800	1	* cprc	cc	cprc	cc										
	Portland Bill ...	1021.9	-16	SW	4	C	48	85	8	5	-	10	10	4000	1019.8	-12	SSW	4	0	47	92	7	5	-	-	10	10	4000	1	3	c	cc	c	cc										
	Plymouth ...	1019.7	-2	SSW	5	0	50	92	6	5	-	10	10	800	1018.0	-10	SSW	6	0	49	97	6	5	-	-	10	10	450	1	4	cdmjd	omo	cdmjd	omo										
	The Lizard ...	1019.0	-8	SSW	6	C	50	97	7	5	-	10	10	1500	1017.5	-10	SSW	5	m	50	97	4	5	-	-	10	10	800	1	3	c	cc	c	cc										
	Scilly (St. Mary's)	1017.0	0	SSW	5	ir	51	97	6	5	-	10	10	1500	1015.0	-12	S	5	ft	51	97	2	-	-	-	10	10	1500	1	3	oir	cc	oir	cc										
	Guernsey	1022.9	-6	SSW	4	C	54	75	7	5	7	-	4-6	9	5700	1020.8	-14	SSW	3	C	52	75	8	5	2	-	7-8	10	1000	1	3	bcc	cc	bcc	cc									
6	Pembroke ...	1013.1	-4	SW	6	rr	49	97	8	5	-	10	10	800	1012.7	-4	SW	6	0/f	49	97	6	5	-	-	10	10	800	1	4	rrgmo	cc	rrgmo	cc										
7	Holyhead ...	1010.2	-4	SSW	6	0/r	49	97	6	5	-	10	10	1500	1008.8	-2	SW	6	id	48	97	5	5	-	-	10	10	1500	1	4	fdfr	cc	fdfr	cc										
	Chester (Sealand)	1012.1	-12	SSW	4	ir	53	75	7	5	7	-	9	24	1500	1011.6	-2	SE	1	53	85	7	6	7	-	9	24	800	1	* c	cc	c	cc											
8	Manchester ...	1012.4	-10	SSW	5	ir	56	75	7	5	7	-	4-6	10	1500	1012.1	0	SW	4	53	85	7	5	2	-	7-8	10	800	1	* cprc	cc	cprc	cc											
10	Spurn Head ...	1013.6	-4	SW	6	cc	52	75	6	4	-	9	24	1500	1012.3	-2	SW	6	rr	51	97	6	5	-	-	10	10	800	1	4	cc	cc	cc	cc										
	Catterick	1010.0	-4	SW	4	ir	53	85	7	5	-	10	10	1500	1009.1	-2	SW'S	4	ir	54	92	7	6	-	-	10	10	800	1	4	cc	cc	cc	cc										
	Tynemouth	1009.1	+6	SW	6	cc	53	85	6	2	-	7-8	7-8	2500	1008.7	0	SW	5	C	55	85	6	8	-	-	7-8	7-8	2500	1	2	c	cc	c	cc										
11	St. Abbs Head	1005.8	+2	W	2	rr	48	92	6	5	6	-	7-8	9	1500	1006.3	+6	W	4	C	48	75	8	5	2	-	7-8	9	2500	1	2	cc	cc	cc	cc									
	Leuchars	1004.2	+8	WSW	6	C	50	75	7	5	-	4-6	9	1500	1004.5	-2	SW	4	bc	49	65	9	-	3	-	0	4-6	-	1	* cprc	cc	cprc	cc											
12	Rentrow (Abbots L.)	1006.4	+10	WS	2	C	47	97	6	6	2	-	4-6	10	800	1006.4	0	SW	3	5	48	85	7	5	2	-	7-8	9	2500	1	* cprc	cc	cprc	cc										
	Eskdalemuir	1006.4	+4	SWW	6	0/r	46	97	6	-	2	-	10	10	220	1006.0	+4	W	2	0/r	44	85	7	5	-	-	10	10	1500	1	* cprc	cc	cprc	cc										
	Point of Ayre	1007.6	0	WSW	6	C	60	75	7	8	7	3	4-6	9	1500	1007.7	+2	E'N	1	rr	46	97	5	-	2	-	10	10	800	1	2	c	cc	c	cc									
13a	Tiree ...	1002.1	+18	WSW	5	C	50	75	7	5	-	7-8	10	2500	1005.2	+12	WS	3	C	48	85	8	5	7	-	4-6	9	2500	0	3	c	cc	c	cc										
13b	Stornoway	996.0	+32	SW	7	0/r	49	75	7	8	7	-	7-8	10	2500	1001.0	+30	WSW	5	pr	46	75	7	8	-	7	4-6	10	1500	1	3	cpr	cc	cpr	cc									
15	Dalwhinnie	1002.4	+10	S	5	C	46	75	7	4	-	7	4-6	10	2500	1004.5	+4	SW	6	C	45	65	7	4	2	1	4-6	9	2500	0	* cprc	cc	cprc	cc										
	Aberdeen	1001.2	0	SSW	4	bc	36	55	8	7	7	-	1	2-3	4000	1002.8	+16	WSW	4	bc	52	55	8	-	7	9	0	2-3	-	0	1	cbrj	cc	cbrj	cc									
	Wick	995.6	-4	SW	6	bc	54	65	7	1	4	4	2-3	4-6	2500	998.8	+20	WSW	4	bc	48	85	8	7	8	2	2-3	4-6	2500	1	2	prbc	cc	prbc	cc									
16	Lerwick	990.2	-16	SWW	9	C	46	85	7	5	7	-	7-8	9	1500	989.9	+3	SW	9	C	47	85	7	5	7	-	7-8	7-8	2500	1	* cprc	cc	cprc	cc										
17	Blackod Point	1006.3	+6	SW	1	C	51	85	7	5	-	10	10	450	1005.7	-2	WSW	1	C	49	85	7	-	1	-	0	10	-	0	1	ir	cc	ir	cc										
18	Malin Head	1004.7	+14	W	5	C	49	85	8	6	-	10	10	4000	1005.5	+2	W	2	C	48	85	8	5	2	-	4-6	9	5700	0	3	cprc	cc	cprc	cc										
	Aldergrove	1006.9	+6	SSW	3	0/r	48	85	6	6	2	-	7-8	10	800	1006.4	-4	-	0	48	92	7	5	2	-	4-6	10	1500	1	* cprc	cc	cprc	cc											
19	Birr Castle	1007.0	-2	SSW	3	0/r	57	85	7	6	1	-	7-8	10	1500	1006.3	-4	NNW																										

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 1st April 1940.



## DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 1st April, 1940.

1 S.E. England	Moderate or fresh southwest wind, strong locally on coast, veering west to northwest this evening; mainly fair at first, some rain spreading from west this evening; mild at first becoming cooler.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Moderate west to northwest wind, fresh squally on coasts but falling light inland tonight; some rain this afternoon; bright periods and local showers tomorrow; local mist and local ground frost inland tonight; cooler.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind southwest fresh, strong to gale on coast, veering northwest and moderating; mainly cloudy, some rain today followed by bright intervals and showers; mild at first becoming cool.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Fresh or strong west to northwest wind, moderating slowly; bright periods, showers, locally of a wintry type rather cold.
13 { A.W.Scotld. B.N.W.Scot- land.	Wind east to southeast strong to gale becoming variable and finally northwest, strong and squally; cloudy or dull at first, bright periods and wintry showers later; becoming cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Fresh northwest to west winds; bright periods, occasional showers; cool.
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 over North Ireland is moving north-northeast. There will be widespread rain at first over Scotland followed by showers of a wintry type and a considerable fall of temperature. It will be fair and mild in the Southeast of England at first but rain will spread slowly from the west during the day followed by cooler conditions, bright intervals and showers. Gales from between southeast and southwest will occur at first on the coasts of Great Britain except in the extreme southeast.

## FURTHER OUTLOOK.

A temporary fair period, but unsettled conditions spreading from west later.

## Time of Issue of Gale Warnings.

Gale warning issued at 1930 on 30/3/40 in districts 11, 12, 15, 16, 18; at 2305 on 30/3 in districts 5 (part of) 6, 7, 8, 19 (part of); at 1425 on 31/3 in 2 (part of), 10; at 2330 on 31/3 in 5 (part of); at 0730 on 1/4/40 in districts 13 and 17.

Forecasts issued at 1030.

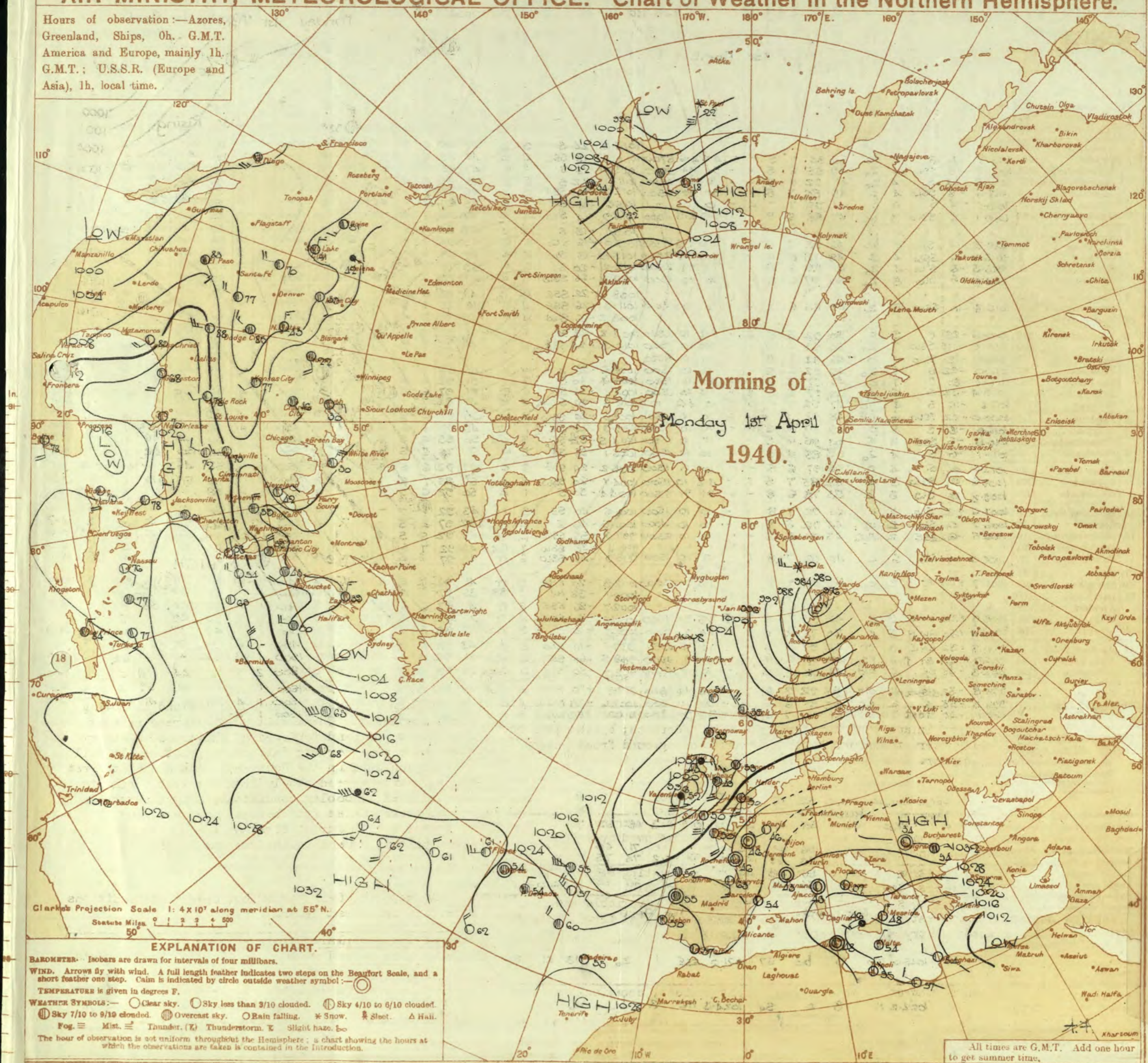
N. K. JOHNSON, D.Sc., A.R.C.S.,  
Director.

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

1476, 3832, 4405, 4416, 4417, 4418, 4419, 4420, 4421, 4422, 4423, 4424, 4425, 4426, 4427, 4428, 4429, 4430, 4431, 4432, 4433, 4434, 4435, 4436, 4437, 4438, 4439, 4440, 4441, 4442, 4443, 4444, 4445, 4446, 4447, 4448, 4449, 4450, 4451, 4452, 4453, 4454, 4455, 4456, 4457, 4458, 4459, 4460, 4461, 4462, 4463, 4464, 4465, 4466, 4467, 4468, 4469, 4470, 4471, 4472, 4473, 4474, 4475, 4476, 4477, 4478, 4479, 4480, 4481, 4482, 4483, 4484, 4485, 4486, 4487, 4488, 4489, 4490, 4491, 4492, 4493, 4494, 4495, 4496, 4497, 4498, 4499, 4500, 4501, 4502, 4503, 4504, 4505, 4506, 4507, 4508, 4509, 4510, 4511, 4512, 4513, 4514, 4515, 4516, 4517, 4518, 4519, 4520, 4521, 4522, 4523, 4524, 4525, 4526, 4527, 4528, 4529, 4530, 4531, 4532, 4533, 4534, 4535, 4536, 4537, 4538, 4539, 4540, 4541, 4542, 4543, 4544, 4545, 4546, 4547, 4548, 4549, 4550, 4551, 4552, 4553, 4554, 4555, 4556, 4557, 4558, 4559, 4560, 4561, 4562, 4563, 4564, 4565, 4566, 4567, 4568, 4569, 4570, 4571, 4572, 4573, 4574, 4575, 4576, 4577, 4578, 4579, 4580, 4581, 4582, 4583, 4584, 4585, 4586, 4587, 4588, 4589, 4590, 4591, 4592, 4593, 4594, 4595, 4596, 4597, 4598, 4599, 4600, 4601, 4602, 4603, 4604, 4605, 4606, 4607, 4608, 4609, 4610, 4611, 4612, 4613, 4614, 4615, 4616, 4617, 4618, 4619, 4620, 4621, 4622, 4623, 4624, 4625, 4626, 4627, 4628, 4629, 4630, 4631, 4632, 4633, 4634, 4635, 4636, 4637, 4638, 4639, 4640, 4641, 4642, 4643, 4644, 4645, 4646, 4647, 4648, 4649, 4650, 4651, 4652, 4653, 4654, 4655, 4656, 4657, 4658, 4659, 4660, 4661, 4662, 4663, 4664, 4665, 4666, 4667, 4668, 4669, 4670, 4671, 4672, 4673, 4674, 4675, 4676, 4677, 4678, 4679, 4680, 4681, 4682, 4683, 4684, 4685, 4686, 4687, 4688, 4689, 4690, 4691, 4692, 4693, 4694, 4695, 4696, 4697, 4698, 4699, 4700, 4701, 4702, 4703, 4704, 4705, 4706, 4707, 4708, 4709, 4710, 4711, 4712, 4713, 4714, 4715, 4716, 4717, 4718, 4719, 4720, 4721, 4722, 4723, 4724, 4725, 4726, 4727, 4728, 4729, 4730, 4731, 4732, 4733, 4734, 4735, 4736, 4737, 4738, 4739, 4740, 4741, 4742, 4743, 4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4756, 4757, 4758, 4759, 4760, 4761, 4762, 4763, 4764, 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, 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5077, 5078, 5079, 5080, 5081, 5082, 5083, 5084, 5085, 5086, 5087, 5088, 5089, 5090, 5091, 5092, 5093, 5094, 5095, 5096, 5097, 5098, 5099, 5100, 5101, 5102, 5103, 5104, 5105, 5106, 5107, 5108, 5109, 5110, 5111, 5112, 5113, 5114, 5115, 5116, 5117, 5118, 5119, 5120, 5121, 5122, 5123, 5124, 5125, 5126, 5127, 5128, 5129, 5130, 5131, 5132, 5133, 5134, 5135, 5136, 5137, 5138, 5139, 5140, 5141, 5142, 5143, 5144, 5145, 5146, 5147, 5148, 5149, 5150, 5151, 5152, 5153, 5154, 5155, 5156, 5157, 5158, 5159, 5160, 5161, 5162, 5163, 5164, 5165, 5166, 5167, 5168, 5169, 5170, 5171, 5172, 5173, 5174, 5175, 5176, 5177, 5178, 5179, 5180, 5181, 5182, 5183, 5184, 5185, 5186, 5187, 5188, 5189, 5190, 5191, 5192, 5193, 5194, 5195, 5196, 5197, 5198, 5199, 5200, 5201, 5202, 5203, 5204, 5205, 5206, 5207, 5208, 5209, 5210, 5211, 5212, 5213, 5214, 5215, 5216, 5217, 5218, 5219, 5220, 5221, 5222, 5223, 5224, 5225, 5226, 5227, 5228, 5229, 5230, 5231, 5232, 5233, 5234, 5235, 5236, 5237, 5238, 5239, 5240, 5241, 5242, 5243, 5244, 5245, 5246, 5247, 5248, 5249, 5250, 5251, 5252, 5253, 5254, 5255, 5256, 5257, 5258, 5259, 5260, 5261, 5262, 5263, 5264, 5265, 5266, 5267, 5268, 5269, 5270, 5271, 5272, 5273, 5274, 5275, 5276, 5277, 5278, 5279, 5280, 5281, 5282, 5283, 5284, 5285, 5286, 5287, 5288, 5289, 5290, 5291, 5292, 5293, 5294, 5295, 5296, 5297, 5298, 5299, 5300, 5301, 5302, 5303, 5304, 5305, 5306, 5307, 5308, 5309, 5310, 5311, 5312, 5313, 5314, 5315, 5316, 5317, 5318, 5319, 5320, 5321, 5322, 5323, 5324, 5325, 5326, 5327, 5328, 5329, 5330, 5331, 5332, 5333, 5334, 5335, 5336, 5337, 5338, 5339, 5340, 5341, 5342, 5343, 5344, 5345, 5346, 5347, 5348, 5349, 5350, 5351, 5352, 5353, 5354, 5355, 5356, 5357, 5358, 5359, 5360, 5361, 5362, 5363, 5364, 5365, 5366, 5367, 5368, 5369, 5370, 5371, 5372, 5373, 5374, 5375, 5376, 5377, 5378, 5379, 5380, 5381, 5382, 5383, 5384, 5385, 5386, 5387, 5388, 5389, 5390, 5391, 5392, 5393, 5394, 5395, 5396, 5397, 5398, 5399, 5400, 5401, 5402, 5403, 5404, 5405, 5406, 5407, 5408, 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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.



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

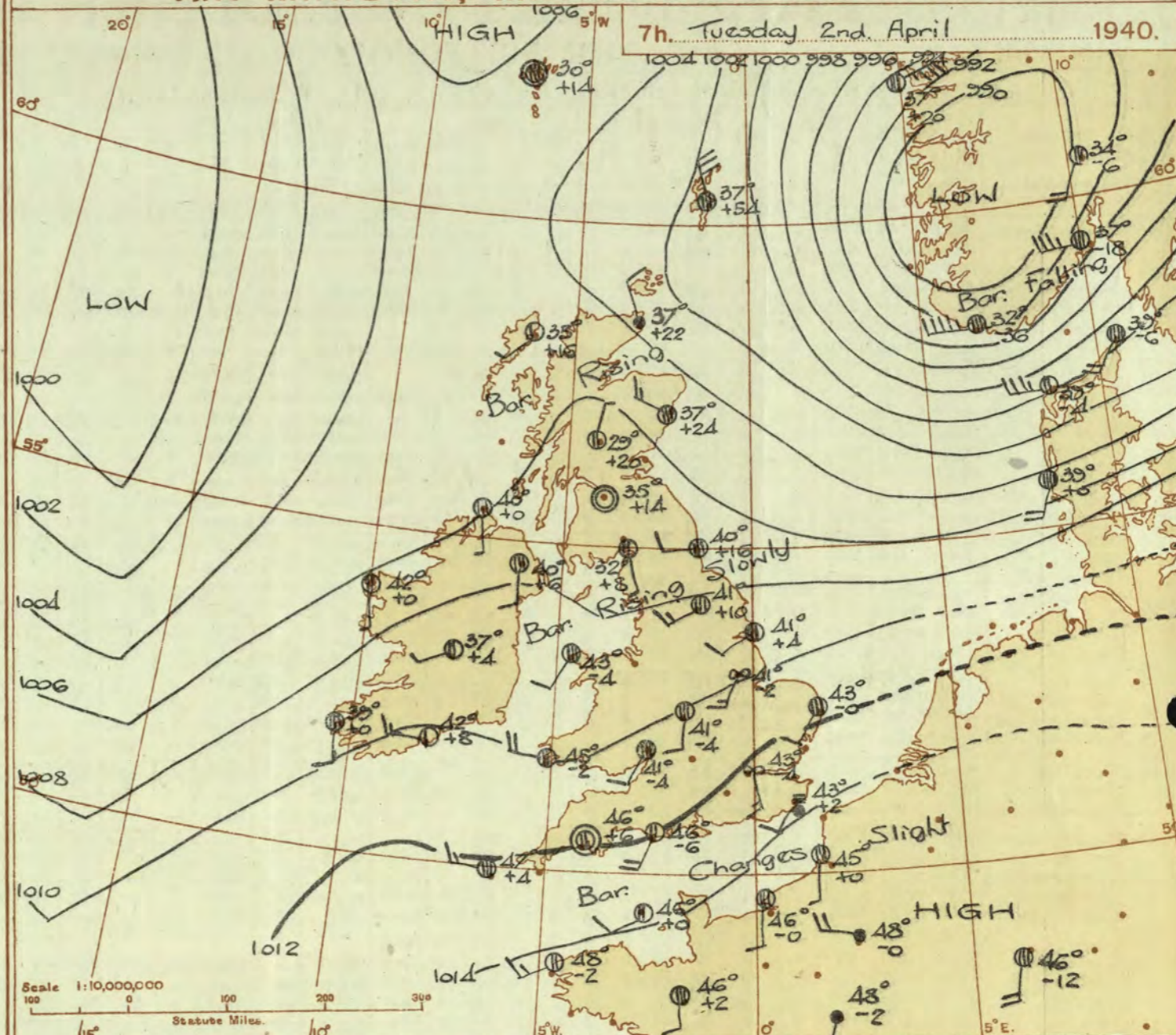
 BRITISH SECTION  
 Monday 1st April 1940.  
 No 25620

OBSERVATIONS at 1 hr. G.M.T. 1st April														OBSERVATIONS at 7 hr. G.M.T. 1st April														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 31st Hrs.			
					Direc.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Direc.			Force.	Form.					Amount.	Height of Base. (feet) (28)	Max. Day 7h-1st °F. (31)	Min. Night 1st-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-1st mm. (34)	Night 1st-7h mm. (35)						
																																Low.	Med.		High.	Low.	Med.
1	London (Kew)	18	1013.3	-1.2	S	3	bc	50	85	7	-	-	-	1013.3	-2.4	S	3	C	47	85	8	S	1	8	Tr	27	2500	1	*	52	47	43	Tr	-	1.0		
	Croydon	217	1017.4	-1.8	SSW	4	20	49	85	6	-	-	-	1014.3	-1.8	SSE	3	C	48	85	8	-	2	8	Tr	27	-	1	*	53	47	43	Tr	-	2.1		
	S. Farnborough	226	1016.3	-2.2	S	4	20	47	92	6	-	-	-	1011.7	-2.2	S	5	C	45	85	8	-	7	4	0	7.8	-	1	*	52	43	40	Tr	1	0.0		
	Boscombe Down	417	1017.6	-1.8	SSW	4	20	49	85	7	-	-	-	1012.8	-1.6	SSE	5	C	48	85	7	-	7	2	0	9	-	1	3	52	46	45	Tr	1	1.4		
	Calshot (St. Mary's)	8	1010.7	-1.4	S	3	bc	44	92	7	-	-	-	1016.6	-1.4	S	3	C	45	85	8	-	7	8	0	9	-	1	3	53	43	41	Tr	-	3.4		
	Lympe	346	1010.1	-6	SSW	3	bc	47	85	6	-	-	-	1014.9	-1.4	SW	4	C	48	85	7	-	2	Tr	10	1500	0	*	55	45	42	-	-	5.4			
	Manston	154	1010.1	-6	SSW	3	bc	47	85	6	-	-	-	1014.9	-1.4	SW	4	C	48	85	7	-	2	Tr	10	1500	0	*	55	45	42	-	-	5.4			
2	Shoeburyness	11	1013.3	-1.4	SW	4	bc	46	92	7	-	-	-	1015.1	-1.8	S	2	C	48	85	6	-	2	8	Tr	27	2500	1	2	57	46	38	Tr	-	7.3		
	Felixstowe	15	1016.3	-6	SSW	4	20	48	75	8	-	-	-	1015.0	-1.6	SW	3	C	45	92	8	-	2	8	Tr	27	2500	1	2	56	44	42	Tr	-	7.1		
	Gorleston	5	1016.3	-6	SSW	4	20	48	75	8	-	-	-	1013.8	-1.8	SW	4	C	47	85	6	-	2	8	Tr	27	-	0	3	58	44	44	-	-	4.9		
	Mildenhall	19	1016.8	-8	SW	4	20	51	85	6	-	-	-	1012.2	-2.0	S	5	C	49	75	7	-	2	8	Tr	27	4000	1	*	57	47	44	-	-	2.6		
	Cranwell	240	1013.9	-6	SW	5	20	50	97	6	-	-	-	1009.5	-2.6	SSW	5	C	47	85	7	-	2	8	Tr	27	1500	0	*	55	47	44	0.3	Tr	1.7		
3	Birmingham	535	1016.3	-1.0	SSW	5	20	49	85	6	-	-	-	1008.1	-2.2	SSE	3	C	47	85	8	-	7	8	Tr	27	800	1	*	53	46	44	Tr	1	0.0		
	Upper Heyford	408	1016.3	-1.0	SSW	5	20	49	85	6	-	-	-	1011.3	-2.6	SSE	4	C	45	75	8	-	7	8	Tr	27	2500	0	*	51	43	39	0.5	-	*		
4	Ross-on-Wye	223	1016.3	-1.0	SSW	5	20	49	85	6	-	-	-	1008.2	-2.6	SW	4	C	49	75	7	-	1	8	Tr	27	2500	1	*	54	47	44	0.6	-	0.2		
5	Hartland Point	299	1010.6	-2.8	S	5	C	50	92	8	-	-	-	1004.2	-2.8	SSW	6	C/pr	51	92	8	-	2	8	Tr	27	2500	1	4	52	48	47	S	0.1	0.0		
	Bristol	209	1014.4	-1.8	SSW	7	20	50	85	2	-	-	-	1010.3	-2.4	SSE	4	C	48	75	7	-	2	8	Tr	27	1500	1	*	53	47	44	0.2	-	0.5		
	Portland Bill	32	1016.1	-1.2	SSW	4	0	46	92	7	-	-	-	1010.0	-2.4	SSE	4	C	48	75	7	-	2	8	Tr	27	-	1	*	53	47	44	0.2	-	0.5		
	Plymouth	82	1014.0	-2.2	S	6	20	49	92	6	-	-	-	1008.6	-2.6	S	6	C	51	85	7	-	2	8	Tr	27	800	1	4	50	49	47	Tr	-	0.0		
	The Lizard	240	1012.4	-3.0	S	7	C	49	97	7	-	-	-	1006.4	-3.0	S	7	C	51	92	6	-	2	8	Tr	27	1500	0	4	51	48	*	Tr	-	0.0		
	Scilly (St. Mary's)	163	1009.4	-3.2	S	6	C	50	97	6	-	-	-	1003.7	-2.6	S	6	C	51	97	6	-	2	8	Tr	27	1500	1	4	53	50	*	Tr	-	0.3		
	Guernsey	175	1017.6	-1.8	S	4	bc	47	92	7	-	-	-	1012.8	-2.0	SW	4	C	49	85	7	-	2	8	Tr	27	-	1	3	57	46	42	-	-	5.4		
6	Pembroke	142	1000.0	-2.2	SSW	6	Tr	48	97	1	-	-	-	1001.6	-2.0	SSW	8	Tr	49	97	2	-	2	8	Tr	27	800	1	4	49	47	*	Tr	-	0.0		
7	Holyhead	26	1016.0	-1.8	S	5	0	49	97	7	-	-	-	1009.9	-2.4	SE	7	Tr	48	97	6	-	2	8	Tr	27	1500	1	4	49	47	*	Tr	-	0.0		
	Chester (Sealand)	16	1010.8	-6	SSE	3	Tr	53	85	2	-	-	-	1004.5	-3.2	SE	3	C/d	50	85	6	-	2	8	Tr	27	2500	1	*	50	50	48	1	1	0.5		
8	Manchester	70	1011.1	-6	S	4	20	52	85	6	-	-	-	1006.1	-2.6	SE	5	C	51	75	7	-	2	8	Tr	27	800	1	*	56	50	48	3	-	0.4		
10	Spurn Head	29	1012.6	0	S	4	0	48	97	6	-	-	-	1008.2	-2.4	SE	5	C	47	92	6	-	3	8	Tr	27	2500	0	3	56	46	*	0.3	0.5	1.7		
	Catterick	175	1009.6	0	SSW	3	C	52	85	7	-	-	-	1004.7	-2.6	SSW	4	C	52	85	7	-	2	8	Tr	27	800	0	*	56	51	42	1	Tr	0.3		
	Tynemouth	108	1009.2	0	SW	3	C	53	75	6	-	-	-	1004.4	-3.0	S	1	C	50	92	6	-	2	8	Tr	27	1500	1	3	58	48	45	*	0.5	*		
11	St. Abbs Head	280	1007.6	+2	SW	2	C	44	92	7	-	-	-	1001.6	-4.0	SE	3	Tr	43	92	1	-	2	8	Tr	27	450	1	2	50	41	*	1	5	*		
	Leuchars	36	1006.7	0	SW	2	Tr	44	92	6	-	-	-	1000.5	-4.6	E	2	Tr	42	97	4	-	2	8	Tr	27	220	1	*	52	41	40	0.2	5	4.7		
12	Benfrew (Abbots I.)	19	1006.5	-6	ESE	2	Tr	43	97	5	-	-	-	997.7	-5.8	SSE	2	RR	49	92	5	-	2	8	Tr	27	800	1	*	50	41	41	4	13	0.0		
	Eskdalemuir	794												999.4	-3.8	SSW	7	Tr	48	92	7	-	2	8	Tr	27	800	1	*	47	41	41	4	11	0.0		
	Point of Ayre	36	1006.0	-4	SW	6	C	49	92	7	-	-	-	999.9	-4.0	SSW	6	Tr	48	92	7	-	2	8	Tr	27	800	1	*	47	41	41	4	8	0.1		
13A	Tiree	22												1002.8	-2.0	ENE	5	Tr	41	92	7	-	2	8	Tr	27	1500	1	3	49	39	*	-	2	0.0		
13B	Stornoway	80	1005.7	+1.2	N	2	C	39	92	7	-	-	-	1000.1	-3.8	NE	1	RR	36	97	6	-	2	8	Tr	27	1500	1	3	47	36	34	0.2	3	2.1		
15	Dalwhinnie	1176												1002.7	-2.6	ESE	2	Tr	41	97	6	-	2	8	Tr	27	1500	1	2	56	40	38	-	3	3.7		
	Aberdeen	79												1004.6	-1.6	ENE	4	Tr	41	92	7	-	2	8	Tr	27	1										

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Tuesday 2nd April 1940.  
No. 28621

OBSERVATIONS at 13h. G.M.T. 1st April														OBSERVATIONS at 18h. G.M.T. 1st April														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.			Height of Base (feet) (14)	Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.			Height of Base (feet) (28)	State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.				7h.-13h. 1st (37)	13h.-18h. 1st (38)	18h.-to 1h. 2nd (39)	1h.-7h. 2nd (40)																								
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)					Dir.	Force. 0-12 (18)					Form.	Amount. Low 0-10 Total 0-10 (24) (25)																																				
1	London (Kew)...	1009.5	-14	SW'S	5	c	57	65	8	1	4	4	4-6	7-8	4000	1011.2	+12	SW	4	c	52	75	6	5	7	-	2-3	9	2500	1	*	bcg	c	bcg	c																								
	Croydon ...	1010.1	-20	SW	5	c	59	65	8	1	4	4	4-6	7-8	4000	1011.2	+12	SW	4	c	52	75	6	5	7	-	2-3	9	2500	1	*	bcg	c	bcg	c																								
	S. Farnborough	1009.9	-12	SSW	6	c	57	65	8	8	5	4	7-8	9	2500	1011.9	+26	WSW	4	c	49	75	8	5	7	-	Tr	9	2500	1	*	bcg	c	bcg	c																								
	Boscombe Down	1008.5	-4	SW'S	6	c	52	85	7	5	5	4	10	10	800	1012.4	+28	W	3	c	47	85	8	5	1	4	1	9	2500	1	*	bcg	c	bcg	c																								
	Calshot (Soton.)	1010.6	-6	SW	6	c	54	75	7	5	8	6	4-6	9	1500	1012.5	+22	W'S	2	c	51	65	8	5	7	8	Tr	9	2500	1	2	bcg	c	bcg	c																								
	Lympne ...	1013.0	-18	SSW	5	c	58	65	8	-	8	6	0	7-8	-	1012.7	+14	SW	5	c	49	85	9	4	8	8	4-6	7-8	5700	1	2	bcg	c	bcg	c																								
	Manston ...	1011.7	-22	SSW	6	c	59	55	8	-	8	2	0	7-8	-	1011.5	+6	SW	5	c	53	85	8	5	3	2	2-3	7-8	1500	1	*	bcg	c	bcg	c																								
2	Shoeburyness ...	1010.5	-14	SW	4	bc	59	85	7	-	6	6	0	4-6	-	1010.7	+6	SW'S	4	c	52	75	8	4	7	-	2-3	9	2500	1	*	bcg	c	bcg	c																								
	Felixstowe ...	1010.7	-26	SW	5	c	55	65	7	-	8	1	0	9	2500	1009.9	+6	SW'S	5	c	53	75	8	5	7	-	2-3	9	4000	1	3	bcg	c	bcg	c																								
	Gorleston ...	1009.6	-24	SW	6	c	55	65	6	-	4	5	0	7-8	-	1008.5	+6	SW	5	c	60	65	7	5	5	-	4-6	7-8	2500	0	3	bcg	c	bcg	c																								
	Mildenhall ...	1006.9	-30	SW'S	5	c	64	45	7	7	7	7	4-6	7-8	4000	1008.4	+20	SW'S	5	c	53	75	8	8	1	-	Tr	9	2500	0	*	bcg	c	bcg	c																								
	Cranwell ...	1003.6	-30	SW	7	c/r	59	65	8	1	3	1	4-6	7-8	2500	1006.9	+26	W'S	4	c	48	75	8	5	7	8	Tr	9	1500	1	*	bcg	c	bcg	c																								
3	Birmingham	1004.2	-10	SSW	5	c	53	75	8	5	-	-	10	10	1500	1008.9	+16	W	4	bc	52	45	8	1	4	8	1	4-6	2500	1	*	bcg	c	bcg	c																								
	Upper Heyford	1006.8	-14	SW	6	c	55	75	7	5	2	-	9	10	1500	1010.1	+24	WSW	4	c	48	75	8	2	7	6	1	9	1500	0	*	bcg	c	bcg	c																								
4	Ross-on-Wye ...	1005.0	-10	SW	5	c/d	52	85	8	9	7	8	4-6	9	2500	1010.4	+14	WSW	3	bc	51	65	8	1	-	2	1	4-6	4000	1	*	bcg	c	bcg	c																								
5	Hartland Point	1009.0	+56	NW	5	c	48	85	8	5	6	6	4-6	7-8	2500	1011.3	+6	W	5	bc	48	85	8	1	4	2	2-3	4-6	2500	1	4	bcg	c	bcg	c																								
	Bristol ...	1006.5	-14	SSW	5	c	54	75	7	4	2	-	7-8	9	800	1012.2	+22	W	4	c	49	65	8	2	8	9	1	2-3	2500	1	*	bcg	c	bcg	c																								
	Portland Bill ...	1009.7	-6	SSW	5	c	51	85	7	5	7	-	4-6	10	4000	1013.1	+18	WSW	4	c	47	85	8	5	-	-	10	10	4000	1	4	bcg	c	bcg	c																								
	Plymouth ...	1010.6	+30	W/N	4	c	49	75	7	5	-	-	9	9	1500	1013.2	+10	WSW	3	c	49	85	8	1	4	2	4-6	7-8	4000	0	2	bcg	c	bcg	c																								
	The Lizard ...	1011.7	+40	W	6	bc	51	75	7	8	7	-	4-6	4-6	2500	1013.3	+10	SW	3	bc	49	85	8	8	4	-	4-6	4-6	2500	0	2	bcg	c	bcg	c																								
	Scilly (St. Mary's)	1011.2	+34	W/N	5	c	54	75	8	4	4	4	4-6	7-8	2500	1012.7	+4	SW	3	c	51	75	8	2	3	1	7-8	4000	0	2	bcg	c	bcg	c																									
	Guernsey ...	1012.6	+2	WSW	5	c	53	85	7	5	2	-	7-8	9	2500	1014.6	+10	W/N	2	c	49	85	7	-	2	3	0	10	-	1	3	bcg	c	bcg	c																								
6	Pembroke ...	1007.7	+30	W/N	6	bcg	47	85	8	2	4	-	1	2-3	2500	1009.8	+10	W/N	4	bc	47	85	7	1	6	1	2-3	4-6	2500	1	3	bcg	c	bcg	c																								
7	Holyhead ...	1002.6	+38	SW	5	c	48	75	8	8	3	9	2-3	7-8	1500	1006.3	+34	SWW	4	b	49	65	9	1	3	-	Tr	Tr	4000	1	3	bcg	c	bcg	c																								
	Chester (Sealand)	1002.6	+6	SWW	5	pr	52	75	8	3	-	9	9	9	2500	1006.9	+20	SWW	4	bc	52	55	8	2	-	9	2-3	4-6	2500	1	*	bcg	c	bcg	c																								
8	Manchester ...	1000.7	-22	SSW	5	c	53	85	5	6	7	-	7-8	10	800	1006.3	+28	WSW	4	bc	50	65	7	8	5	1	2-3	4-6	4000	1	*	bcg	c	bcg	c																								
10	Spurn Head ...	1002.8	-14	SW	7	c	58	65	6	5	-	-	9	9	1500	1005.3	+18	WSW	4	c	48	65	6	-	-	7	0	9	-	1	3	bcg	c	bcg	c																								
	Catterick ...	998.4	-16	SW	5	c	56	65	6	5	-	-	10	10	800	1002.9	+20	W	5	bc	48	75	9	8	-	2	2-3	4-6	2500	1	2	bcg	c	bcg	c																								
	Tynemouth ...	997.8	-36	S	5	z	57	75	6	8	-	-	9	9	2500	1000.2	+20	SW	6	bc	51	65	7	2	-	-	2-3	2-3	3500	1	2	bcg	c	bcg	c																								
11	St. Abbs Head	992.1	-44	SSW	8	c/pr	52	85	8	6	-	-	4-6	7-8	2500	1029.2	+8	SW	8	c/pr	47	65	8	2	4	-	2-3	4-6	2500	0	4	bcg	c	bcg	c																								
	Leuchars ...	991.0	-30	S	5	c/r	53	85	8	8	-	-	9	9	1500	991.3	-4	SW	8	c	45	85	8	8	-	-	2-3	2-3	1500	1	*	bcg	c	bcg	c																								
12	Renfrew (Abbots L.)	992.8	-2	WSW	4	c	46	75	8	8	-	-	9	9	1500	995.1	+10	WSW	7	c/r	45	75	8	7	-	6	4-6	7-8	1500	1	*	bcg	c	bcg	c																								
	Eskdalemuir ...	994.9	-20	WSW	7	c/r	43	85	8	6	-	-	9	9	800	997.8	+12	W'S	7	rr	42	75	8	6	-	-	9	9	1500	1	*	bcg	c	bcg	c																								
	Point of Ayre ...	997.9	+16	W/N	7	bc	51	75	8	8	4	-	2-3	4-6	2500	1003.1	+36	W/N	5	b	48	65	8	4	-	-	1	1	4000	1	3	bcg	c	bcg	c																								
13A	Tiree ...	983.5	-6	W'S	5	bc	47	85	7	8	3	-	4-6	4-6	1500	993.3	+	NNE	8	RS	35	97	5	5	-	-	10	10	800	1	5	bcg	c	bcg	c																								
13B	Stormoway ...	994.5	-34	NE	9	rr	37	97	6	5	2	-	9	10	1500	988.8	0	SW	6	ir	37	85	7	6	1	-	7-8	10	2500	1	3	bcg	c	bcg	c																								
15	Dalwhinnie ...	998.1	-74	S	5	c	49	75	7	6	2	-	7-8	9	2500	988.6	+2	SSW	6	bc	46	75	7	5	4	-	2-3	2-3	1500	1	3	bcg	c	bcg	c																								
	Aberdeen ...	991.6	-46	SSE	4	c/r	47	92	6	9	7	-	4-6	9	1500	985.2	-26	ENE	10	RS	38	87	5	5	2	-	9	10	450	1	1	bcg	c	bcg	c																								
	Wick ...	994.7	-52	ENE	6	rs	36	97	6	5	2	-	9	10	450	992.1	-52	E'N	8	pr	39	85	7	8	2	-	7-8	10	800	1	*	bcg	c	bcg	c																								
16	Lerwick ...																																																										
17	Blacksod Point...	1002.4	+30	WNW	5	bc	50	65	8	3	-	-	4-6	4-6	800	1005.0	+12	W	5	c	45	75	8	9	-	-	7-8	7-8	800	1		bcg	c	bcg	c																								
18	Malin Head ...	994.0	+52	SSW	8	c	46	75	8	8	-	4	4-6	7-8	1500	1001.0	+44	W	6	ir	42	97	8	6	-	-	9	9	2500	1		bcg	c	bcg	c																								
	Aldergrove ...	996.8	+2																																																								

# AIR MINISTRY, METEOROLOGICAL OFFICE.



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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd April, 1940.
1 S.E. England	Light or moderate southwest wind backing south tomorrow; bright periods, occasional rain or showers, local hail and thunder this afternoon; average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Light or moderate west to southwest wind backing south and freshening; bright periods, showers, local hail and thunder this afternoon; rain spreading from west tomorrow; average temperature.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Light westerly wind backing southwest; bright periods, occasional showers, local hail and thunder; average temperature.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Light variable wind freshening from southwest; mainly cloudy, rain spreading from southwest tonight; temperature rising to average.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	Moderate northwest wind, becoming variable light; showers of rain, sleet or snow at first but some bright periods; cold, temperature tending to rise.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Freshening southerly wind; cloudy, rain spreading from west; average temperature.
17 N.W. Ireland	
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

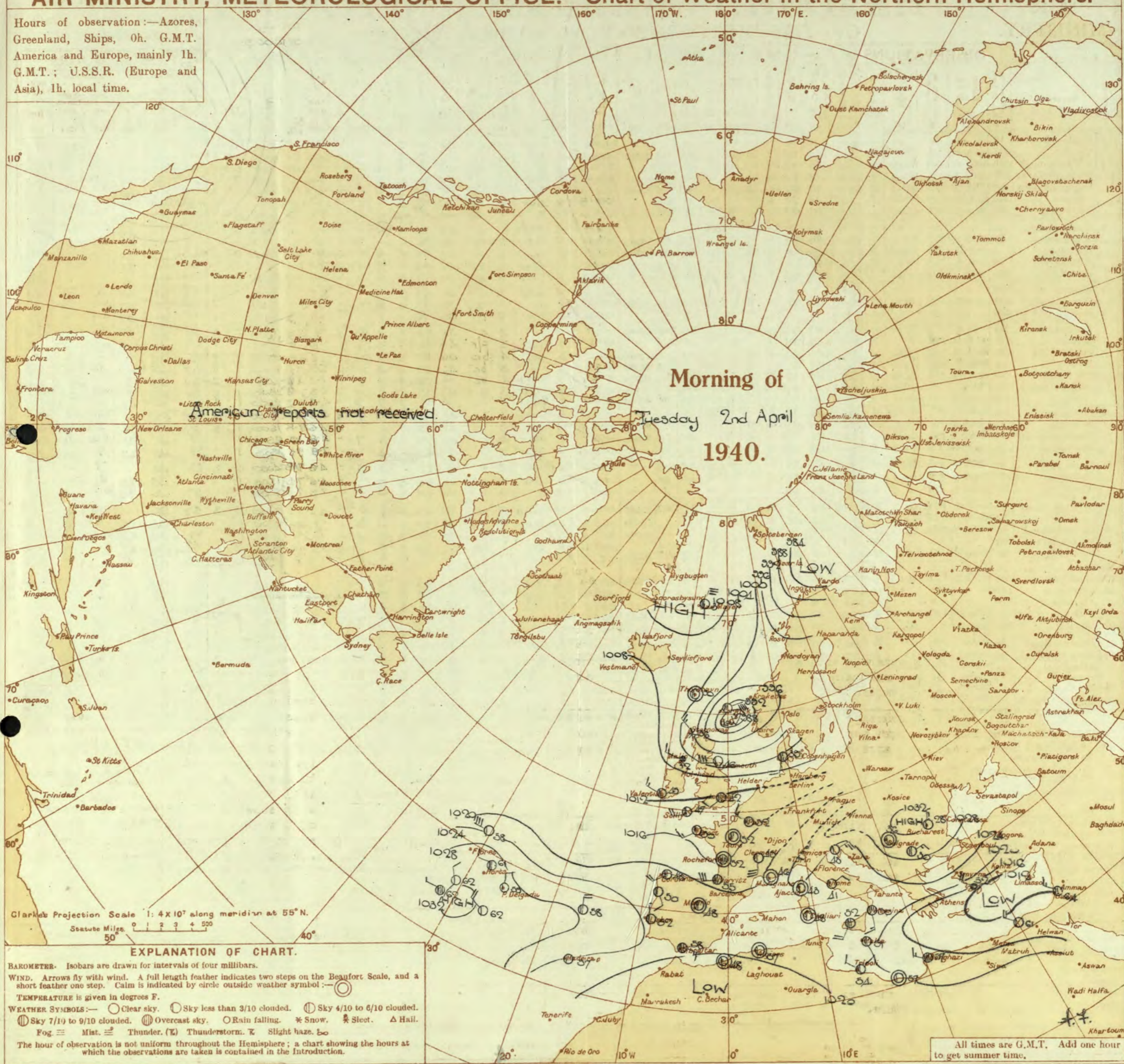
**GENERAL INFERENCE.**  
A deep depression over Southern Norway is moving east-northeast and a small depression over France will move northeast and then east-northeast. A shallow trough of low pressure over western districts is moving eastwards and another trough which is likely to deepen is approaching Ireland from the West. There will be bright intervals in most districts today with showers and local thunder. The showers will be of a wintry type in Scotland. Rain is likely later today in West Ireland and will extend slowly eastwards. Temperature will be near to the seasonal average over most of the country.

**FURTHER OUTLOOK.**  
Occasional rain in most districts.

Forecasts issued at 1050.  
N. K. JOHNSON, D.Sc., A.R.C.S.,  
Director.  
H.M.S.O. Press, Cornwall House, S.E.1.

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 2nd April 1940.

No. 28621

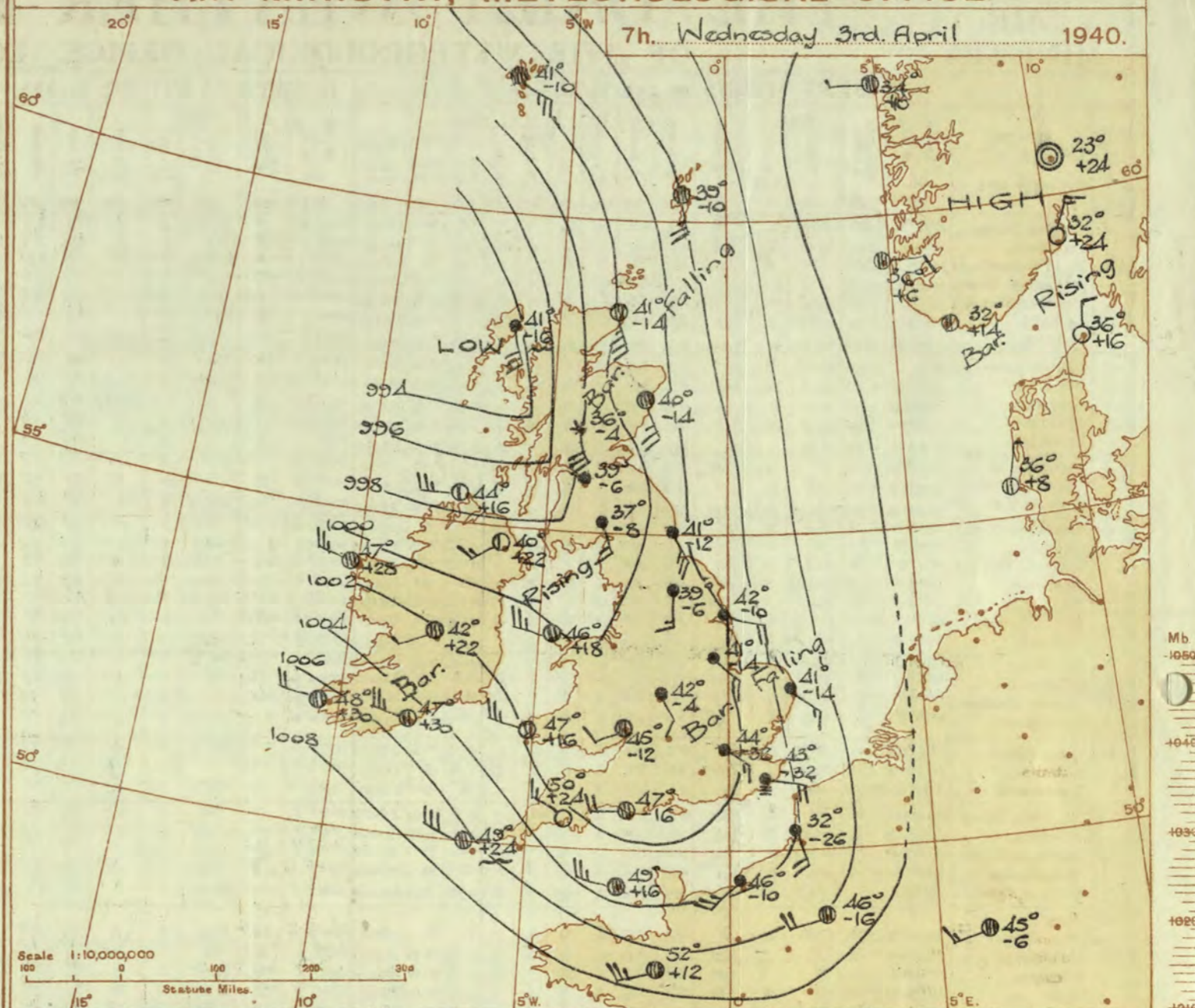
OBSERVATIONS at 1 hr. G.M.T. 2nd April														OBSERVATIONS at 7 hr. G.M.T. 2nd April														PAST 24 HOURS.																			
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE.														
					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.	Sunshine 1st Hm.												
1	London (Kew) ...	18	1013.2	-2	SW	2	bc	42	85	7	5	2-3	5700	1012.5	-4	SW	2	0/r	41	92	6	5	10	10	1500	1	57	41	27	-	0.1	5.7															
	Croydon ...	217	1013.2	-6	SW	3	bc	42	92	7	5	2-3	5700	1012.5	-4	SW	3	0/r	43	97	6	5	10	10	1500	1	60	40	37	-	0.1	6.5															
	S. Farnborough ...	226	1013.2	-6	SW	3	bc	42	92	7	5	2-3	5700	1012.5	-4	SW	3	0/r	43	97	6	5	10	10	1500	1	60	40	37	-	0.1	6.5															
	Boscombe Down ...	417	1013.7	-2	SW	2	bc	38	92	8	5	2-3	5700	1011.8	-6	SE	3	0/r	42	97	6	5	10	10	1500	1	56	37	33	-	0.1	2.5															
	Calshot (St. Mary's) ...	8	1013.8	0	SW	2	bc	43	97	6	5	2-3	5700	1012.4	-2	SW	1	bc	50	92	7	5	6	2-3	46	2500	1	55	42	30	-	0.1	3.4														
	Lymington ...	346	1014.7	+2	SW	2	bc	42	92	8	5	2-3	5700	1014.5	+2	SW	2	0/r	43	97	3	5	10	10	1500	1	58	41	38	-	0.1	5.6															
2	Manston ...	154	1013.6	+6	SW	2	bc	45	85	7	5	2-3	5700	1013.0	+2	S	1	0/r	44	92	6	5	7	7	1000	0	60	42	38	-	0.1	5.7															
	Shoeburyness ...	11	1012.3	+2	W	3	c	46	85	6	5	1-4	2500	1012.9	-4	SW	1	c	45	85	6	5	1-4	10	1000	1	61	42	32	-	0.1	6.8															
	Felixstowe ...	15	1011.6	+6	SW	3	c	46	65	7	5	1-4	2500	1012.6	-2	SW	2	0/r	43	92	6	5	1-4	10	1000	1	59	41	37	-	0.1	6.0															
	Orleston ...	5	1011.0	0	SW	2	bc	40	97	7	5	1-4	2500	1011.2	+2	SW	2	0/r	42	92	6	5	1-4	10	1000	1	65	40	36	-	0.1	5.0															
	Mildenhall ...	19	1011.0	0	SW	2	bc	40	97	7	5	1-4	2500	1011.2	+2	SW	2	0/r	42	92	6	5	1-4	10	1000	1	65	40	36	-	0.1	5.0															
	Cranwell ...	240	1010.4	+10	W	4	bc	43	85	7	5	2-3	5700	1009.6	-2	SW	3	0/r	41	92	6	5	3	3	4000	0	61	37	31	-	0.1	3.8															
3	Birmingham ...	535	1012.5	-2	SW	3	bc	40	92	7	5	2-3	5700	1010.5	-4	SW	2	c	41	97	8	6	7	2-3	7.8	800	1	54	37	34	-	0.1	2.8														
	Upper Heyford ...	408	1012.5	-2	SW	3	bc	40	92	7	5	2-3	5700	1010.5	-4	SW	2	c	41	97	8	6	7	2-3	7.8	800	1	54	37	34	-	0.1	2.8														
	Ross-on-Wye ...	223	1012.5	-2	SW	3	bc	40	92	7	5	2-3	5700	1010.5	-4	SW	2	c	41	97	8	6	7	2-3	7.8	800	1	54	37	34	-	0.1	2.8														
	Hartland Point ...	299	1011.4	-10	SW	4	c	47	85	8	5	7-8	7.8	2500	1011.1	+10	W	4	c	46	92	9	3	2	1	7.8	2500	1	53	44	41	-	0.1	5.0													
	Bristol ...	209	1012.8	-6	S	2	bc	43	85	7	5	1-4	2500	1011.6	0	SW	3	c/r	43	92	7	8	3	9	7.8	7.8	1500	1	54	41	36	-	0.1	1.3													
	Portland Bill ...	32	1013.2	-8	SW	4	bc	46	92	8	5	1-4	2500	1011.7	-6	SW	4	bc	46	85	7	1	1	1	4.6	4.6	4000	1	51	44	41	-	0.1	1.3													
4	Plymouth ...	82	1012.8	-12	SW	3	bc	47	97	7	5	1-4	2500	1012.1	+6	W	4	bc	46	92	6	3	4	1	2-3	4.6	2500	1	53	46	40	-	0.1	2.8													
	The Lizard ...	240	1012.8	-12	SW	3	bc	47	97	7	5	1-4	2500	1012.1	+6	W	4	bc	46	92	6	3	4	1	2-3	4.6	2500	1	53	46	40	-	0.1	2.8													
	Scilly (St. Mary's) ...	163	1011.6	-10	SW	4	bc	47	92	8	5	2-3	2600	1012.1	+1	W	4	bc	47	92	8	5	2	2-3	7.8	2500	1	54	45	41	-	0.1	3.2														
	Guernsey ...	175	1014.8	-4	SW	2	c	47	92	7	8	2	7.8	10	2500	1013.5	0	SW	2	bc	46	97	7	3	2	2-3	2.3	2500	1	56	46	42	-	0.1	8.6												
	Pembroke ...	142	1008.0	-2	SW	4	b	46	97	8	1	0	1	1	1008.0	-2	W	4	bc	45	97	8	3	7	3	2-3	4.6	2500	1	49	43	41	-	0.1	7.0												
	Holyhead ...	26	1008.2	0	SW	4	c	45	85	8	5	1-4	2500	1008.0	-2	SW	2	c	43	92	6	8	7	4	4.6	7.8	1500	1	53	41	38	-	0.1	6.0													
5	Chester (Sealand) ...	16	1000.4	+6	SSW	1	bc	44	75	8	5	2-3	4.6	2500	1008.0	-2	SW	3	c	44	75	7	5	7	4.6	10	2500	1	57	41	31	-	0.1	5.0													
	Manchester ...	70	1000.6	+8	SW	3	b	43	85	7	5	0	0	1000.3	0	SW	3	ir	42	85	6	5	1	7.8	9.1	1500	1	57	40	33	-	0.1	2.5														
	Spurn Head ...	29	1009.0	+6	SW	4	b	43	85	6	4	0	2-3	1009.0	+4	SW	2	c	41	92	6	5	5	4.6	7.8	4000	0	60	40	35	-	0.1	2.7														
	Catterick ...	175	1006.1	+2	W	4	b	43	85	7	5	0	0	1008.0	+10	W	3	c	41	92	8	7	1	4.6	7.8	1500	1	57	38	25	-	0.1	4.4														
	Tynemouth ...	108	1004.5	+14	W	6	b	46	65	7	5	0	0	1007.7	+16	W	2	c	40	85	6	8	7	7.8	7.8	2500	1	57	40	35	-	0.1	4.4														
	St. Abbs Head ...	280	1001.4	+72	W	8	bc	30	75	8	4	2-3	2-3	2500	1006.0	+20	W	4	bc	38	65	8	4	4	2-3	2-3	2500	0	53	36	34	-	0.6	1.3													
6	Leuchars ...	36	1001.0	+74	W	7	b	40	85	8	5	1	1	2500	1006.2	+22	SW	3	bc	36	85	9	5	4	1	Tr	2-3	4000	1	55	34	28	-	0.1	1.3												
	Renfrew (Abbots I.) ...	19	1004.7	+38	W	4	b	30	75	7	5	1	1	1500	1007.4	+14	W	0	b	35	92	8	5	4	1	Tr	Tr	7200	1	54	32	25	-	0.2	2.8												
	Eskdalemuir ...	794	1006.7	+6	W	4	bc	44	85	8	5	2-3	2-3	2500	1007.8	+4	SW	1	bc	32	92	8	5	6	2-3	4.6	2500	3	53	31	27	-	0.1	0.1													
	Point of Ayre ...	30	1006.7	+6	W	4	bc	44	85	8	5	2-3	2-3	2500	1007.7	+4	W	3	bc	43	85	8	5	3	6	2-3	4.6	2500	0	53	41	41	-	0.1	0.2												
	Tiree ...	22	1003.3	+26	W	5	PRS	36	92	6	5	7-8	9.1	2500	1005.9	+16	SW	1	b/pr	35	92	8	8	1	1	1	4000	1	41	33	29	-	0.1	0.0													
	Stornoway ...	80	1003.3	+26	W	5	PRS	36	92	6	5	7-8	9.1	2500	1005.9	+16	SW	1	b/pr	35	92	8	8	1	1	1	4000	1	41	33	29	-	0.1	0.0													
7	Dalwhinnie ...	1176	1003.3	+26	W	5	PRS	36	92	6	5	7-8	9.1	2500	1005.9	+16	SW	1	b/pr	35	92	8	8	1	1	1	4000	1	41	33	29	-	0.1	0.0													
	Aberdeen ...	79	1006.0	+88	NNW	9	bc	37	85	5	5	10	10	800	1008.7	+22	NNW	2	pr	37	92	7	5	7	8	4.6	9	800	1	42	33	26	-	0.1	2.0												
	Wick ...	81	1006.0	+88	NNW	9	bc	37	85	5	5	10	10	800	1008.7	+22	NNW	2	pr	37	92	7	5	7	8	4.6	9	800	1	42	33	26	-	0.1	2.0												
	Lerwick ...	156	1001.8	+2	NE	8	c	37	92	6	6	2	7.8	10	800	1001.8	+54	NNW	6	c	37	85	8	2	7	4.6	7.8	1500	1	40	34	26	-	0.1	0.0												
	Blacksod Point ...	18	1006.1	+2	W	3	bc	43	85	8	3	4.6	4.6	1500	1006.8	0	S	1	bc	42	85	8	2	4	2-3	4.6	1500	0	53	35	35	-	0.1	1.0													
	Malin Head ...	84	1005.9	+8	W	3	bc	37	92	6	9	0	0	1500	1005.7	0	S	1	c	40	92	8	8	4																							

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Wednesday 3rd April 1940.  
No. 28622

OBSERVATIONS at 13h. G.M.T. 2nd April														OBSERVATIONS at 18h. G.M.T. 2nd April														PAST 24 HOURS.															
District.	STATIONS. (For heights see p. 4.)	Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Sea. 0-9	WEATHER.														
				Direc.	Force.					Form.	Amount.	Height of Base. (feet)	Total 0-10	Total 0-10				Direc.	Force.				Form.	Amount.	Height of Base. (feet)	Total 0-10	Total 0-10			7h.—13h. 2nd	13h.—18h. 2nd	18h.—to 1h. 3rd	1h.—7h. 3rd										
1	London (Kew)...	1010.3	-10	WSW	3	PR	47	85	6	—	—	—	—	—	1008.0	-8	SW	3	Z	48	85	6	—	—	—	—	—	—	—	cm, pr, hpr	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Croydon ...	1010.2	-10	SSW	3	c/pr	47	85	7	—	—	—	—	—	1009.0	-8	SW	3	c	46	85	6	—	—	—	—	—	—	—	cm, bc, pr, hpr	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	S. Farnborough	1010.4	-14	SW	2	c/pr	50	75	8	—	—	—	—	—	1009.1	-6	WSW	4	PR	48	85	6	—	—	—	—	—	—	—	id, bc, pr	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Boscombe Down	1010.2	-12	W/N	3	c/pr	51	55	3	—	—	—	—	—	1008.8	-12	SW	3	c	47	85	7	—	—	—	—	—	—	—	cm, bc, pr	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Calshot (Soton.)	1011.1	-12	SW	5	c/pr	55	65	8	—	—	—	—	—	1009.4	-10	SW	4	c	48	85	7	—	—	—	—	—	—	—	pr, bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Lymington	1012.2	-18	SW/S	4	c/pr	53	75	8	—	—	—	—	—	1010.5	-6	SW/S	3	c	47	75	8	—	—	—	—	—	—	—	pr, bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Manston	1010.5	-26	SW/S	4	c/pr	52	85	7	—	—	—	—	—	1008.7	-4	WSW	3	c/pr	50	75	8	—	—	—	—	—	—	—	pr, bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
2	Shoeburyness ...	1010.1	-20	SSW	1	pr	57	65	6	—	—	—	—	—	1008.7	-12	SSW	3	u	48	75	8	—	—	—	—	—	—	—	bc, pr	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Felixstowe ...	1010.2	-20	SSW	2	bc	52	85	7	—	—	—	—	—	1008.4	-8	WNW	2	c/pr	45	92	6	—	—	—	—	—	—	—	cm, bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Gorleston ...	1009.3	-20	SW	4	c	49	75	6	—	—	—	—	—	1007.5	-6	SW	1	c/pr	43	92	6	—	—	—	—	—	—	—	pr	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Mildenhall ...	1009.0	-20	SSW	3	c/pr	52	75	7	—	—	—	—	—	1007.4	-10	WNW	2	c	48	75	7	—	—	—	—	—	—	—	cm, bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Cranwell ...	1008.5	-14	W/S	2	bc	51	65	6	—	—	—	—	—	1007.2	-8	—	0	c	47	75	7	—	—	—	—	—	—	—	cm, bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
3	Birmingham	1009.3	-4	—	0	c/pr	44	85	7	—	—	—	—	—	1007.1	-12	SW	2	c	48	85	7	—	—	—	—	—	—	—	bc, pr	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Upper Heyford	1009.7	-14	W	3	c	52	55	8	—	—	—	—	—	1007.4	-18	—	6	c	47	75	8	—	—	—	—	—	—	—	cm, bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
4	Ross-on-Wye ...	1009.2	-10	WSW	3	c	52	55	8	—	—	—	—	—	1007.9	-10	SW/S	3	c	48	65	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
5	Hartland Point	1010.3	-4	SW	3	c	47	85	9	—	—	—	—	—	1006.9	-30	SW	3	r	47	85	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Bristol ...	1010.5	-14	W	3	c	52	65	9	—	—	—	—	—	1008.4	+14	WNW	2	c	47	75	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Portland Bill ...	1011.8	-8	SW	4	c	48	85	7	—	—	—	—	—	1009.3	-14	SW	4	o	46	92	7	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Plymouth ...	1012.1	-2	SW/W	4	pr	49	75	8	—	—	—	—	—	1008.5	-26	SSW	5	o	48	85	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	The Lizard ...	1012.7	+10	SW	3	bc	52	75	8	—	—	—	—	—	1008.3	-30	SSW	5	rr	47	85	7	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Scilly (St. Mary's)	1011.7	-10	SW/W	3	c/pr	52	75	8	—	—	—	—	—	1006.5	-26	SW	4	rr	46	92	7	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Guernsey ...	1012.9	-6	WSW	3	bc	53	65	9	—	—	—	—	—	1010.8	-18	WS	3	c	49	85	7	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
6	Pembroke ...	1010.3	-6	WSW	2	c	48	85	7	—	—	—	—	—	1005.9	-22	SW/S	4	rr	46	85	7	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
7	Holyhead ...	1008.7	-2	SSW	2	c	49	75	9	—	—	—	—	—	1005.6	-18	S	3	c	45	85	9	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Chester (Sealand)	1008.8	-8	WNW	1	bc	49	65	8	—	—	—	—	—	1006.6	-6	S	0	c	47	75	7	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
8	Manchester ...	1008.9	-6	W/S	3	c	50	65	8	—	—	—	—	—	1006.6	-10	WNW	2	c	46	75	7	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
10	Spurn Head ...	1008.5	-2	E/S	2	c	47	85	5	—	—	—	—	—	1006.8	-4	SE/S	2	c	42	92	6	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Catterick ...	1007.7	-10	SSW	1	c/pr	50	75	8	—	—	—	—	—	1006.7	-6	—	0	c/pr	43	92	6	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Tynemouth ...	1010.3	+6	SE	3	pr	41	85	7	—	—	—	—	—	1008.4	-8	SE	3	bc	41	85	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
11	St. Abbs Head	1008.4	+4	N	3	bc	43	75	8	—	—	—	—	—	1007.2	-4	SE	3	bc	41	85	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Leuchars ...	1007.3	+2	ESE	3	bc	47	65	8	—	—	—	—	—	1006.9	-6	ESE	3	bc	42	85	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
12	Renfrew (Abbots L.)	1007.4	-2	SW/S	1	bc	48	65	6	—	—	—	—	—	1005.7	-10	SSW	3	bc	45	75	5	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Eskdalemuir ...	1007.0	-4	SW	1	c	48	65	8	—	—	—	—	—	1005.6	-8	SE	3	c	42	85	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Point of Ayre ...	1008.1	0	NW	2	c	45	85	8	—	—	—	—	—	1005.5	-10	SSW	2	c	45	75	8	—	—	—	—	—	—	—	c	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc									
13A	Tiree ...	1006.9	-8	ESE	4	b	44	75	8	—	—	—	—	—	1003.2	-24	ESE	4	c	44	75	9	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
13B	Stornoway ...	1006.9	-8	ESE	4	b	44	75	8	—	—	—	—	—	1003.2	-24	ESE	4	c	44	75	9	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
15	Dalwhinnie ...	1008.0	-2	S	2	bc	45	55	8	—	—	—	—	—	1005.1	-10	SE	5	bc	39	75	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Aberdeen ...	1008.8	+10	E	2	bc	45	75	8	—	—	—	—	—	1007.7	-6	SE	3	b	41	85	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
	Wick ...	1008.3	+10	E	2	bc	45	65	8	—	—	—	—	—	1006.9	-8	SE	4	bc	41	65	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
16	Lerwick ...	1008.4	+30	NNW	4	c	40	65	8	—	—	—	—	—	1008.3	-4	NE	3	bc	37	65	8	—	—	—	—	—	—	—	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc										
17	Blacksod Point...	1003.4	-28	SE	3	c	47	75	8	—	—	—	—	—	997.9	-58	SE	3	rr	43	97	7	—	—	—	—	—	—	—	c	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc									
18	Malin Head ...	1005.9	-2	W	2	c	48	65	8	—	—	—	—	—	1000.8	-30	S	4	c	48	65	8	—	—	—	—	—	—	—	c	bc	bc, pc, cm, oc	cc, ci, cm, oc	cc, ci, cm, oc									
	Aldergrove ...	1006.4	-10	SW	2	c	51	55	9	—	—	—	—	—	1003.0	-20	SE	4	c	46	75	8	—	—	—	—	—	—	—	bc	bc												

# AIR MINISTRY, METEOROLOGICAL OFFICE.

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DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 3rd April, 1940.
1 S.E. England	Moderate south to southeast wind soon west-northwest; dull and misty with rain or drizzle at first; bright intervals and showers spreading from west and reaching extreme east during evening; average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Moderate west-northwest wind, backing southwest tomorrow; bright periods, occasional showers today, rain reaching extreme west tomorrow; average temperature.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Fresh south wind strong on coast; dull and misty with rain or drizzle at first; bright intervals and showers spreading from west during afternoon; average temperature.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 4 - 9.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	Moderate or fresh west wind backing southwest and increasing to strong, perhaps gale tomorrow; bright periods and showers today, cloudy with rain tomorrow; average temperature.
14 Mid Sootland	
15 N. E. Scotland	Strong south to southeast wind, gale locally on coast veering west and moderating; dull with rain during day, occasional showers later with bright periods tomorrow; average temperature.
16 Orkneys and Shetlands	
17 N. W. Ireland	Moderate or fresh west-northwest wind backing southwest and increasing to strong, perhaps gale in northwest; bright periods and showers today; cloudy with further rain tomorrow; 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.**  
An elongated trough of low pressure extending from Northwest Scotland to France with a centre over Salisbury Plain is moving eastwards. In all eastern districts there will be rain at first followed by bright intervals and local showers. In western districts of England and Scotland, in Wales and Ireland there will be bright intervals and showers. Temperature will be about the average for the season.

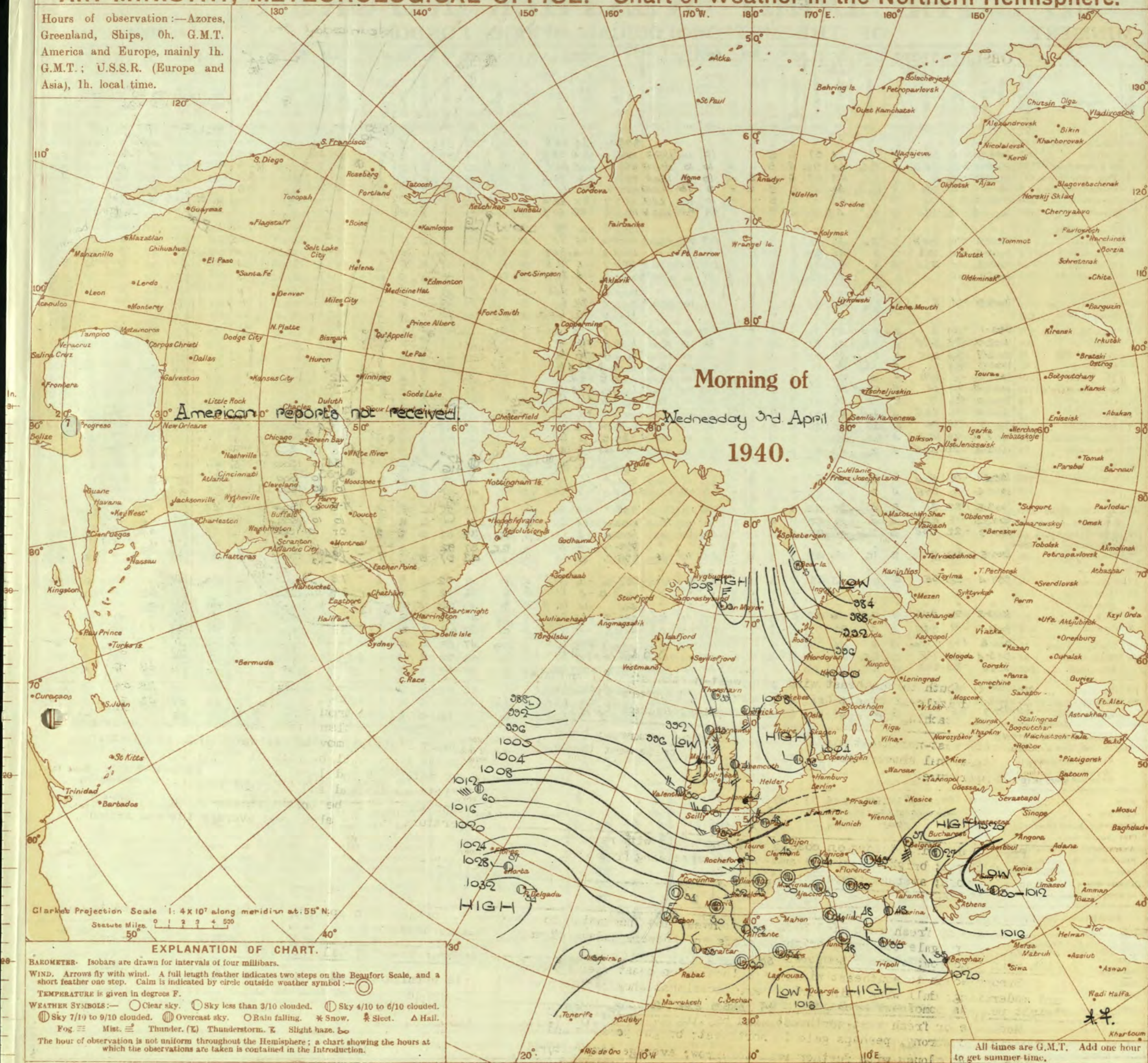
**FURTHER OUTLOOK.**  
Further rain spreading from west with gales in the northwest.

**Time of Issue of Gale Warnings.**  
Gale warning issued at 2115 on 2/4/40 in districts 15 and 16.

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

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

Hours of observation:—Azores, Greenland, Ships, 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. 3rd April														OBSERVATIONS at 7 hr. G.M.T. 3rd April														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.				Barom. at M.S.L. (29)	State of Ground. 0-9 (30)	TEMPERATURE.		RAINFALL.		SUNSHINE 2nd Hrs.				
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)			Force. (18)	Form. (23)					Amount. (24)	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)						
																																Low. (11)		Med. (12)	High (13)	Low (25)	Med. (26)
1	London (Kew) ... 18	217	1006.0	-16	SSE	2	ir	44	97	6	5	-	-	10	10	1005.5	-32	SE/S	2	ir	45	92	6	5	-	10	10	1500	1	53	43	42	3	0.3	3.4		
	Croydon ... 226	1006.0	-22	SSE	3	ir	44	92	6	5	-	-	10	10	1005.5	-32	SE/S	3	ir	44	97	6	5	1	-	10	10	1500	1	55	43	41	2	1	4.1		
	S. Farnborough ... 226	1006.0	-22	SSE	3	ir	44	92	6	5	-	-	10	10	1005.5	-32	SE/S	2	ir	44	97	6	5	1	-	10	10	1500	1	55	42	41	2	0.3	3.9		
	Boscombe Down ... 417	1004.6	-32	S	4	ir	43	97	6	2	-	-	10	10	1005.0	-6	SSW	2	ir	45	97	5	6	-	10	10	1500	1	53	42	41	2	1	3.0			
	Calshot (Stmnt.) ... 8	1005.1	-34	SSE	4	ir	45	97	6	5	2	-	9	10	1005.0	-6	W	2	ir	48	92	7	5	3	6	10	10	1500	1	55	44	41	Tr	1	6.6		
	Lympe ... 346	1008.5	-16	S	2	ir	43	97	6	5	-	-	10	10	1002.7	-32	SE/E	4	ir	43	97	1	-	-	10	10	1500	1	55	42	39	2	2	4.3			
	Manston ... 154	1007.3	-12	S	3	ir	43	97	6	5	-	-	9	9	1002.3	-26	SE/S	4	ir	43	97	5	6	-	10	10	1500	1	56	42	40	0.2	0.6	3.3			
2	Shoeburyness ... 11	1006.0	-10	S	2	ir	45	92	5	1	-	-	2-3	7-8	1002.3	-10	SE	2	ir	44	92	6	-	2	-	10	10	1500	1	58	43	37	2	1	3.5		
	Felixstowe ... 15	1006.8	-10	W/S	2	ir	40	85	6	4	-	-	0	1	1004.2	-14	SE/S	3	ir	41	92	6	6	-	10	10	1500	1	52	43	39	3	1	2.5			
	Gorleston ... 5	1006.8	-10	W/S	2	ir	40	85	6	4	-	-	0	1	1004.2	-14	SE/S	3	ir	41	92	6	6	-	10	10	1500	1	52	39	38	5	0.5	1.6			
	Mildenhall ... 19	1008.8	-14	SSE	2	ir	42	92	6	5	-	-	2-3	2-3	1001.7	-14	SE/S	3	ir	43	97	6	6	2	-	9	10	1500	1	55	41	35	5	-	5.0		
	Cranwell ... 240	1005.1	-16	S	0	ir	40	92	4	5	-	-	10	10	1001.8	-14	SE/S	3	ir	41	97	5	-	2	-	10	10	1500	1	55	38	33	Tr	4	3.8		
3	Birmingham ... 535	1005.0	-14	S	2	ir	42	85	6	5	-	-	10	10	1000.4	-22	SE	2	ir	43	97	6	6	2	-	10	10	1500	1	54	40	39	2	6	4.4		
	Upper Heyford ... 408	1005.0	-14	S	2	ir	42	85	6	5	-	-	10	10	1000.4	-22	SE	2	ir	43	97	6	6	2	-	10	10	1500	1	54	41	37	Tr	1	4.1		
4	Ross-on-Wye ... 223	1005.0	-14	S	2	ir	42	85	6	5	-	-	10	10	1000.4	-22	SE	2	ir	43	97	6	6	2	-	10	10	1500	1	54	42	41	-	0.2	5.6		
5	Hartland Point ... 299	1002.0	-38	S	3	ir	47	92	7	6	2	-	7-8	10	1001.7	+18	WNW	3	ir	46	85	8	7	4	-	2-3	4-6	1500	1	48	43	42	Tr	1	4.8		
	Bristol ... 209	1002.0	-38	S	3	ir	47	92	7	6	2	-	7-8	10	1001.7	+18	WNW	3	ir	46	85	8	7	4	-	2-3	4-6	1500	1	48	43	42	Tr	1	4.8		
	Portland Bill ... 32	1002.7	-30	SSE	4	ir	45	92	7	5	-	-	10	10	1001.5	-16	W	4	ir	47	92	8	5	-	10	10	1500	1	51	42	41	0.1	0.6	5.3			
	Plymouth ... 82	1001.3	-34	W	4	ir	45	92	7	5	-	-	10	10	1001.5	-16	W	4	ir	47	92	8	5	-	10	10	1500	1	51	44	41	1	3	5.0			
	The Lizard ... 240	1002.3	-4	W	6	ir	45	92	7	5	-	-	10	10	1001.5	-16	W	4	ir	47	92	8	5	-	10	10	1500	1	51	45	44	0.5	5	5.6			
	Scilly (St. Mary's) ... 163	1002.8	+8	W	5	ir	45	92	7	5	-	-	10	10	1001.5	-16	W	4	ir	47	92	8	5	-	10	10	1500	1	51	45	44	0.5	5	5.6			
	Guernsey ... 175	1004.0	-36	S	5	ir	46	97	5	5	-	-	10	10	1003.6	+16	WNW	5	ir	49	92	7	8	-	7-8	9-10	1500	1	55	46	46	-	3	6.6			
6	Pembroke ... 142	1000.0	-16	SSE	4	ir	45	97	6	8	-	-	10	10	1002.3	+16	WNW	5	ir	47	92	7	8	6	-	2-3	4-6	1500	1	49	43	41	Tr	2	4.8		
7	Holyhead ... 26	1003.3	-38	SE	5	ir	42	92	6	5	-	-	10	10	1000.0	+18	WNW	5	ir	46	85	8	8	-	2-3	4-6	1500	1	49	42	41	-	2	4.4			
	Chester (Sealand) ... 16	1002.2	-28	SSE	4	ir	43	92	5	5	-	-	10	10	1000.0	+18	WNW	5	ir	46	85	8	8	-	2-3	4-6	1500	1	49	42	38	1	2	3.9			
8	Manchester ... 70	1003.3	-26	ESE	2	ir	43	85	6	5	7	-	2-3	10	1000.6	-6	E	3	ir	41	97	5	5	2	-	7-8	10	1500	1	53	40	31	Tr	6	3.8		
10	Spurn Head ... 29	1004.1	-18	SSE	1	ir	38	97	5	5	2	-	2-3	10	1001.6	-10	SE/E	4	ir	42	97	6	5	-	10	10	1500	1	49	40	37	Tr	1	1.6			
	Catterick ... 175	1005.6	-16	SSE	4	ir	41	92	6	2	-	-	7-8	7-8	1002.0	-12	SSE	5	ir	41	97	6	-	2	-	10	10	1500	1	47	40	37	Tr	0.1	3.3		
	Tynemouth ... 108	1005.6	-16	SSE	4	ir	41	92	6	2	-	-	7-8	7-8	1002.0	-12	SSE	5	ir	41	97	6	-	2	-	10	10	1500	1	47	40	37	Tr	0.1	3.3		
11	St. Abbs Head ... 280	1003.5	-22	SE	5	ir	39	85	8	8	2	-	7-8	10	1000.7	-18	SE	6	ir	39	97	6	8	2	-	7-8	10	1500	1	43	37	35	Tr	0.4	1.7		
	Leuchars ... 36	1003.5	-18	ESE	4	ir	41	92	8	5	-	-	10	10	1000.0	-14	SE	5	ir	41	97	6	5	-	10	10	1500	1	48	39	35	Tr	1	11.7			
12	Benfrew (Abbots I.) ... 19	1001.9	-22	ESE	3	ir	40	85	5	5	-	-	4-6	4-6	1000.0	-6	SE	3	ir	39	92	5	5	2	-	9-10	10	1500	1	49	39	35	Tr	0.3	5.0		
	Eskdalemuir ... 794	1001.9	-22	ESE	3	ir	40	85	5	5	-	-	4-6	4-6	1000.0	-6	SE	3	ir	39	92	5	5	2	-	9-10	10	1500	1	49	39	35	Tr	0.3	5.0		
	Point of Ayre ... 30	1000.5	-22	S	5	ir	46	85	7	5	2	-	4-6	10	1000.0	-6	SE	3	ir	43	97	8	8	7	-	7-8	9-10	1500	1	40	40	30	Tr	2	4.2		
13A	Tiree ... 22	1007.4	-20	SE	6	ir	43	65	7	5	7	-	4-6	9-10	1003.2	-16	SSE	6	ir	41	92	6	5	2	-	7-8	10	1500	1	45	40	32	Tr	2	7.8		
13B	Stormcay ... 80	1007.4	-20	SE	6	ir	43	65	7	5	7	-	4-6	9-10	1003.2	-16	SSE	6	ir	41	92	6	5	2	-												

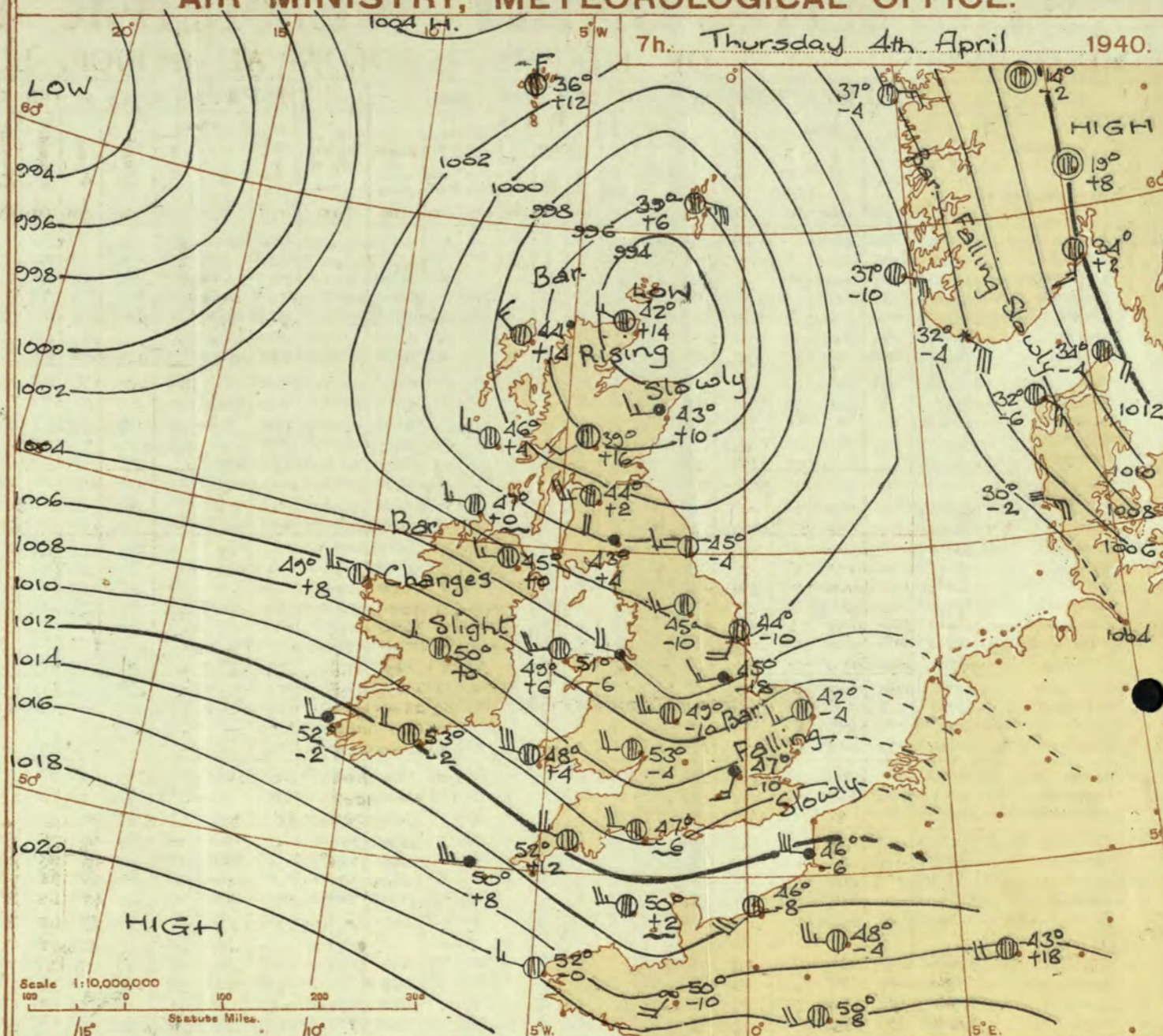
PAST 24 HOURS.

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 4th April 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 4th April, 1940.
1 S.E. England	Moderate west wind; mainly fair apart from local showers; temperature slightly above average.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate or fresh westerly wind; cloudy, occasional rain or drizzle; coast and hill fog; average temperature.
6 South Wales ...	
7 North Wales ...	Moderate west-northwest wind; bright intervals, showers; average temperature.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Moderate or fresh west to northwest wind, backing southwest in West; bright intervals, frequent showers; 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	Wind north fresh but southeast gale in Shetland at first; cloudy, frequent showers; rather cold.
16 Orkneys and Shetlands	
17 N.W. Ireland	Moderate or fresh west wind, backing south; bright intervals, local showers today; more general rain spreading from West; average temperature tomorrow.
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 Northwest Scotland is filling up and a shallow trough of low pressure over East England is moving rather quickly east. Further disturbances on the Atlantic are likely soon to affect the British Isles. Over most of the country there will be bright periods and occasional showers but in the Southwest it will be cloudy with occasional rain or drizzle. Further rain will reach western districts tomorrow and spread eastwards. Temperature will be rather low in Scotland and about average elsewhere.

## FURTHER OUTLOOK.

Unsettled, especially in the Northwest.

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.

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

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

Morning of  
Thursday 4th. April,  
1940.

No American Reports received.

Clark's Projection Scale 1:4x10<sup>7</sup> along meridian at 55°N.

Statute Miles 0 1 2 3 4 500  
50°

## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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  
 Thursday 4th April 1940.  
 No 28623

OBSERVATIONS at 1 hr. G.M.T. 4th April															OBSERVATIONS at 7 hr. G.M.T. 4th April															PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		Sun- shine 3rd Hr.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					Direc.	Force.					Form.	Amount.	Height of Base. (feet)	Direc.	Force.			Form.	Amount.					Height of Base. (feet)	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.			Night 18h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

SECRET

BRITISH SECTION

Friday, 5th April, 1940.

No. 28624

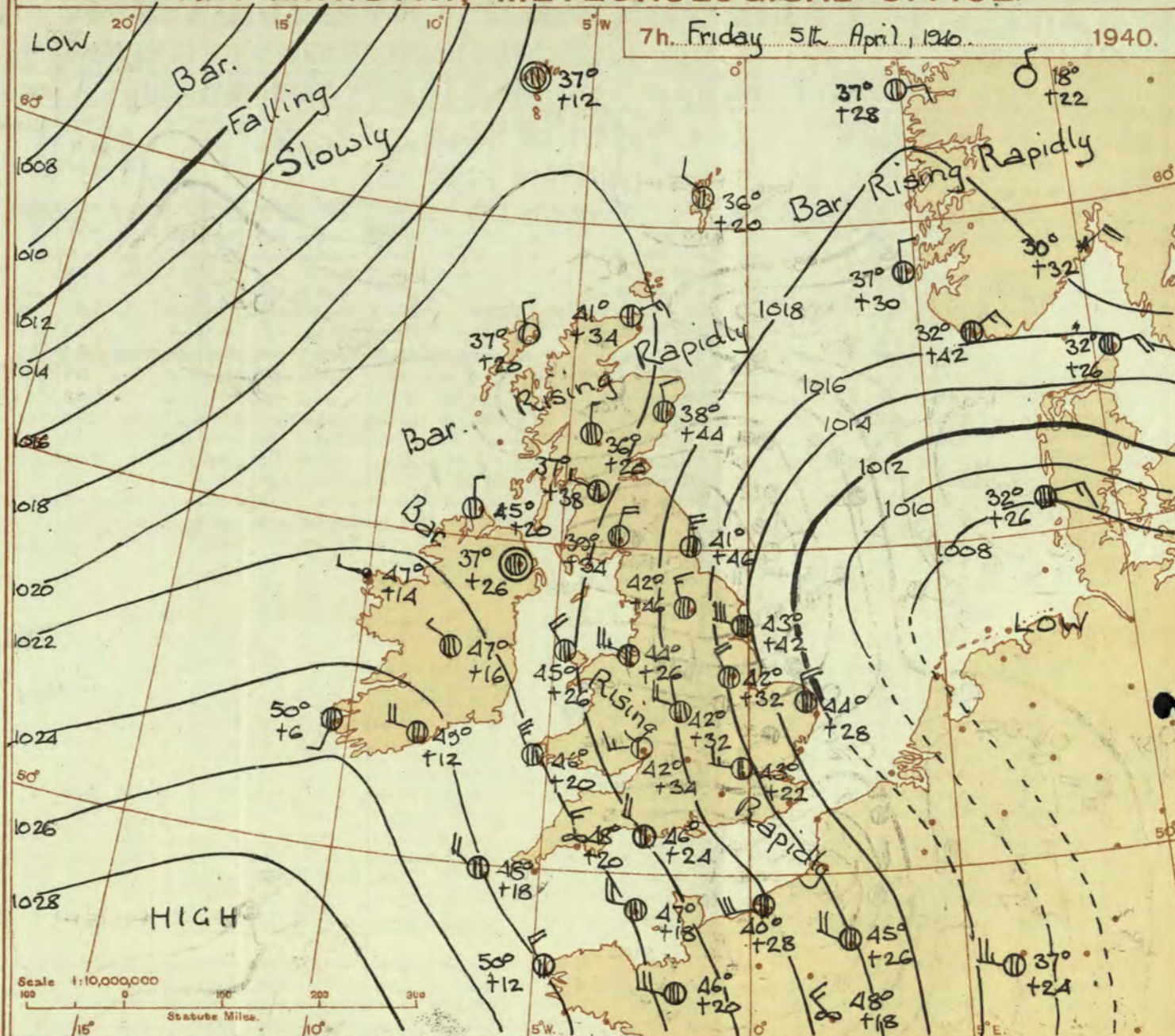
OBSERVATIONS at 13h. G.M.T. 4th April

OBSERVATIONS at 18h. G.M.T. 4th April

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. 0-10 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-10 (22)	Cloud.					State of ground. 0-9 (29)	Sea. 0-9 (30)	Weather.																																																																																																																																																			
				Direc.	Force. 0-12 (4)					Form.			Amount.				Height Base. (feet) (14)	Direc.					Force 0-12 (18)	Form.			Amount.			Height of Base (feet) (28)	7h.—13h. 4h. (37)	13h.—18h. 4h. (38)	18h.—1h. 5h. (39)	1h.—7h. 5h. (40)																																																																																																																																															
										Low.	Med.	High	Low 0-10	Total 0-10										Low	Med.	High	Low 0-10								Total 0-10																																																																																																																																														
1	London (Kew)... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lympne ... Manston ...	1005.7 1006.4 1007.9 1008.0 1008.4 1007.0 1005.0	-12 -10 -12 -4 -6 -12 -10	W WSW W WNW WNW WS SWS	4 4 6 6 6 4 6	c c c c c c z	55 54 55 53 58 54 55	65 75 75 75 65 65 75	7 7 8 5 5 8 6	5 5 5 5 5 5 5	- - 1 1 1 1 7	- - - 7 7 - 2-3	9+ 10 7-8 7-8 7-8 7-8 9+	9+ 10 2500 1500 2500 800 1500	1500 1006.6 1006.7 1008.3 1008.3 1008.1 1004.7	+14 +6 +10 +14 +6 -2 +2	NW'N WN WN WN NW WN NW'N	4 5 5 5 4 4 4	z c bc pr c bc z	54 55 55 55 55 52 50	55 55 55 55 65 65 85	6 2 3 7 8 7 8	8 2 4 - 7 - 3	- - - - - - -	7-8 7-8 2-3 2-3 4-6 4-6 4-6	7-8 7-8 4000 4000 2500 1500 1500	1 1 1 1 1 0 1	*	m.c cm.c cm.c cm.c cm.c f.d.c ir.c	pr.bccz cpn.bcy cpn.bcy cpn.bcy cpn.bcy cpn.bcy pr.bcm	cpn.bcy cpn.bcy cpn.bcy cpn.bcy cpn.bcy cpn.bcy cpn.bcy	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb	bcb bcb bcb bcb bcb bcb bcb

# AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 5th April, 1940.
1 S.E. England	Wind northerly fresh, squally at first, becoming light by to-morrow; mainly cloudy and showery to-day; fair to-morrow; rather cold, ground frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind northerly moderate, becoming light variable; mainly fine to fair apart from a few coastal showers; higher cloud increasing with a chance of coastal drizzle in the north towards end of period; average temperature.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1 - 3.
10 N.E. England	
11 S.E. Scotland	As 14 - 16.
12 S.W. Scotland & Isle of Man.	Wind variable light, becoming southwest moderate; fair; cloud increasing; some coastal drizzle to-morrow; average temperature.
13 { A.W.Scotld. B.N.W.Scotland.	
14 Mid Scotland	Wind becoming light and variable; fine; rather cold with chance of night frost inland.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 20.
18 N. E. Ireland	As 4 - 8.
19 S. E. Ireland	
20 S. W. Ireland	Wind backing west to southwest, light to moderate; mainly fair but cloud increasing; coastal drizzle in the west; 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 pronounced ridge of high pressure extending from an anticyclone off our southwest coasts across Ireland and Scotland will move slowly southeastwards across England. Showery weather will continue to-day in the eastern counties of England. Elsewhere weather will be fine to fair, but light rain or drizzle will spread to the west and northwest coastal areas.

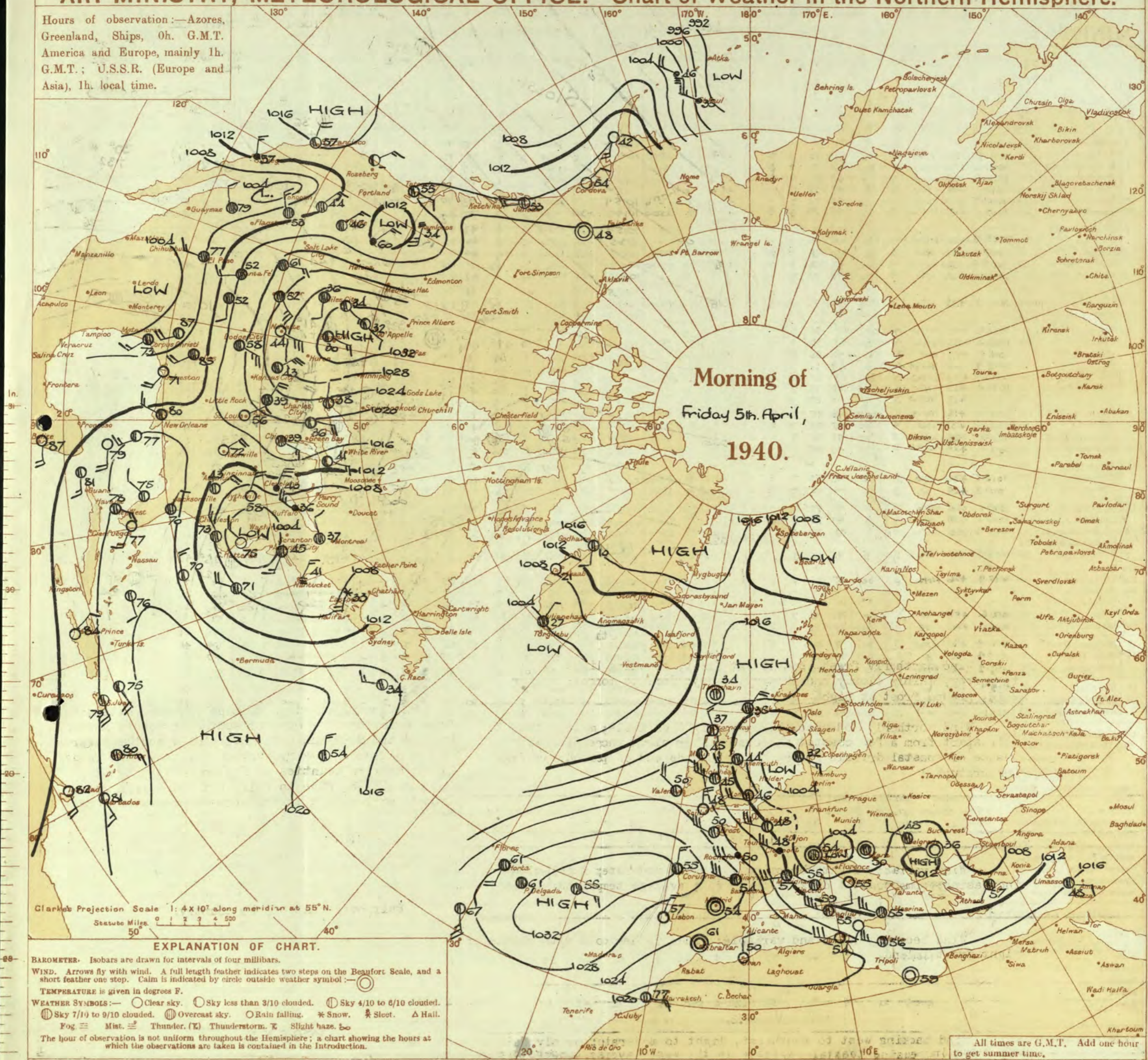
## FURTHER OUTLOOK.

Fair over most of the country.

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. 5th April														OBSERVATIONS at 7 hr. G.M.T. 5th April														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility. 0-9	Cloud.					State of Ground. 0-9	Sea. 0-9	TEMPERATURE.		RAINFALL.		SUNSHINE Hrs.		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Max. Day 7h-13h °F.	Min. Night 13h-7h °F.	Min. on Grass °F.	Day 7h-13h mm.			Night 13h-7h mm.						
																																Low.	Med.	High.		Low.	Med.
1	London (Kew) ... 18	1011.9	-22	W/N	4	bc	46	75	7	5	-	4-6	4-6	2500	1016.6	+20	NW	4	2	45	75	6	5	-	1	2-3	2500	1	*	58	43	38	0.1	Tr	3.6		
	Croydon ... 217	1012.8	+22	WNW	4	bc	47	75	7	5	-	2-3	2-3	4000	1016.1	+22	WNW	5	c	43	75	7	5	3	5	1	2-3	2500	1	*	58	41	38	0.1	Tr	3.3	
	S. Farnborough ... 226	1013.9	+20	WNW	4	b	45	85	7	5	-	1	1	2500	1017.3	+22	WNW	5	c	44	85	9	5	3	5	1	2-3	4000	1	*	59	43	40	Tr	Tr	4.1	
	Boscombe Down ... 417	1013.1	+18	NW	5	b	47	75	7	-	-	0	0	-	1018.7	+26	NW	3	c	40	85	8	5	7	6	1	7-8	2500	1	*	56	39	31	Tr	0.1	2.7	
	Calshot (Stmntn.) ... 8	1010.7	+20	NW	5	b	45	75	7	-	-	0	0	-	1018.0	+24	WNW	2	c	43	85	7	5	4	6	1	7-8	2500	1	*	59	40	35	Tr	-	2.1	
	Lympe ... 346	1010.1	+18	WNW	5	bc	45	75	7	-	-	0	0	-	1015.1	+24	NW	3	bc	43	75	7	1	4	Tr	2-3	1500	1	2	57	40	37	1	-	2.1		
	Manston ... 154	1010.1	+18	WNW	5	bc	45	85	6	5	-	9	9	2500	1014.5	+30	NW	5	bc	43	85	6	5	-	-	7-8	7-8	4000	1	*	56	41	40	4	-	1.6	
2	Shoeburyness ... 11	1008.9	+26	WNW	4	b	45	85	7	-	-	0	0	-	1015.0	+30	NNW	2	c	43	75	7	4	-	-	7-8	7-8	7200	1	*	57	41	32	6	Tr	2.5	
	Felixstowe ... 15	1007.5	+24	NW	3	c	43	85	7	8	-	9	9	2500	1013.5	+22	WNW	4	c	43	75	7	5	-	-	9	9	4000	1	2	56	43	39	0.4	-	3.1	
	Gorleston ... 5	1009.6	+26	WNW	4	bc	43	92	7	5	-	4-6	4-6	4000	1011.9	+28	NNW	4	c	44	75	7	8	4	-	4-6	7-8	2500	1	2	56	43	40	5	15	1.2	
	Mildenhall ... 19	1009.6	+26	WNW	4	bc	43	92	7	5	-	4-6	4-6	4000	1014.6	+28	WNW	4	bc	41	85	6	5	-	-	9	9	5700	1	*	58	39	36	2	-	3.3	
	Cranwell ... 240	1010.1	+32	NW	4	bc	43	75	6	-	-	0	0	-	1015.5	+32	NNW	4	c	42	75	7	5	-	-	7-8	7-8	4000	1	*	54	39	35	1	-	2.1	
3	Birmingham ... 535	1012.7	+22	NW	5	bc	45	75	7	8	-	4-6	4-6	4000	1018.5	+32	NW	4	c	42	75	6	5	-	1	9	9	1500	1	*	55	41	38	7	-	3.5	
	Upper Heyford ... 408	1012.7	+22	NW	5	bc	45	75	7	8	-	4-6	4-6	4000	1017.6	+32	NW	5	c	43	75	7	5	-	6	7-8	7-8	2500	1	*	59	41	36	1	0.3	-	
4	Ross-on-Wye ... 223	1012.7	+22	NW	5	bc	45	75	7	8	-	4-6	4-6	4000	1019.4	+34	W/S	3	b	42	75	8	2	-	1	Tr	1	4000	0	*	58	41	31	-	-	4.5	
5	Hartland Point ... 299	1017.8	+18	NNW	4	b	47	85	8	-	-	0	0	-	1021.8	+24	NNW	4	c	46	92	8	8	4	-	7-8	9	2500	1	3	50	46	44	0.1	-	1.8	
	Bristol ... 209	1015.2	+22	WNW	4	b	47	75	7	5	-	1	1	2500	1019.3	+26	NW	3	bc	44	75	8	1	7	9	Tr	4-6	2500	1	*	55	40	38	1	-	2.2	
	Portland Bill ... 32	1015.8	+18	NW	4	b	46	85	8	-	-	0	0	-	1019.8	+24	NW	4	bc	46	85	8	5	-	-	4-6	7-8	4000	1	3	51	45	-	-	-	0.9	
	Plymouth ... 82	1018.9	+26	NNW	4	b	49	75	7	5	-	1	1	2500	1022.2	+20	NNW	3	bc	48	85	7	8	3	-	4-6	7-8	1500	1	2	55	47	45	-	-	0.8	
	The Lizard ... 240	1020.5	+20	WNW	6	bc	47	85	7	4	-	2-3	2-3	2500	1023.5	+20	NW	5	bc	47	92	8	6	-	-	4-6	4-6	2500	1	2	52	45	-	0.5	-	0.3	
	Scilly (St. Mary's) ... 163	1022.0	+22	NW	5	b	48	92	7	-	-	0	0	-	1023.8	+18	NW	4	bc	48	85	8	5	3	-	2-3	4-6	2500	1	2	53	47	-	-	-	0.3	
	Guernsey ... 175	1017.6	+18	WNW	3	b	48	85	6	-	-	0	0	-	1020.5	+18	NW	4	c	47	85	7	1	7	9	2-3	7-8	2500	1	4	52	46	43	0.1	-	0.0	
6	Pembroke ... 142	1018.0	+12	NNW	5	bc	48	85	8	5	-	2-3	2-3	1500	1021.7	+20	NNW	5	c	46	92	7	5	7	-	2-3	7-8	2500	1	3	53	44	-	0.1	-	3.1	
7	Holyhead ... 26	1016.5	+32	NW	4	bc	45	85	8	2	-	2-3	2-3	2500	1020.9	+26	NNW	4	c	45	85	8	5	3	5	4-6	7-8	2500	1	3	52	45	42	Tr	-	7.6	
	Chester (Sealand) ... 16	1014.7	+28	WNW	5	bc	45	85	8	5	-	4-6	4-6	2500	1019.0	+26	WNW	5	bc	44	75	8	5	3	6	1	4-6	1500	1	*	54	43	37	1	Tr	3.5	
8	Manchester ... 70	1012.6	+24	WNW	5	b	43	85	7	-	-	0	0	-	1018.3	+32	WNW	4	bc	41	92	6	-	5	8	0	4-6	-	1	*	54	40	35	0.3	-	5.0	
10	Spurn Head ... 29	1010.5	+30	NW	2	b	43	75	8	5	-	Tr	Tr	4000	1013.1	+42	WNW	6	o	43	75	6	5	-	-	10	10	1500	1	4	51	42	-	0.5	3.1		
	Catterick ... 175	1010.3	+24	NW	3	c	44	85	7	8	-	9	9	2500	1017.0	+46	NNW	3	c	42	85	7	5	-	-	9	9	2500	1	3	54	41	31	0.1	-	4.7	
	Tynemouth ... 108	1010.3	+24	NW	3	c	44	85	7	8	-	9	9	2500	1017.1	+46	N	5	c	41	92	7	9	-	-	9	9	1500	1	3	53	41	39	0.5	-	-	
11	St. Abbs Head ... 280	1009.1	+20	WNW	5	c	42	75	8	4	5	-	4-6	7-8	2500	1017.7	+52	N	5	c	39	85	8	8	3	-	4-6	7-8	1500	0	3	50	39	-	1	Tr	-
	Leuchars ... 36	1010.1	+28	NW	4	b	43	75	8	5	-	1	1	2500	1019.5	+44	NNW	2	bc	39	85	8	8	7	-	4-6	4-6	2500	1	*	58	39	35	Tr	Tr	5.7	
12	Renfrew (Abbots I.) ... 19	1013.4	+30	NNW	4	b	42	75	8	5	-	Tr	Tr	2500	1020.2	+38	WNW	1	bc	37	92	8	8	-	-	2-3	2-3	2500	1	*	52	35	31	0.1	-	5.5	
	Eskdalemuir ... 794	1013.4	+30	NNW	4	b	42	75	8	5	-	Tr	Tr	2500	1018.6	+34	NNE	4	c	39	75	8	8	-	-	9	9	1500	1	*	52	36	-	0.6	-	4.6	
	Point of Ayre ... 30	1013.8	+24	NW	6	b	45	85	8	-	-	0	0	-	1019.8	+40	NNW	4	bc	44	85	8	4	6	-	4-6	4-6	2500	0	3	51	43	-	0.6	-	5.7	
13A	Tiree ... 22	1015.8	+26	NNW	3	bc	37	85	7	5	-	2-3	2-3	2500	1020.6	+20	NNW	1	b	37	85	8	5	-	-	Tr	Tr	2500	1	1	48	35	-	0.3	Tr	6.2	
13B	Stornoway ... 80	1015.8	+26	NNW	3	bc	37	85	7	5	-	2-3	2-3	2500	1020.9	+20	N	1																			

PAST 24 HOURS.

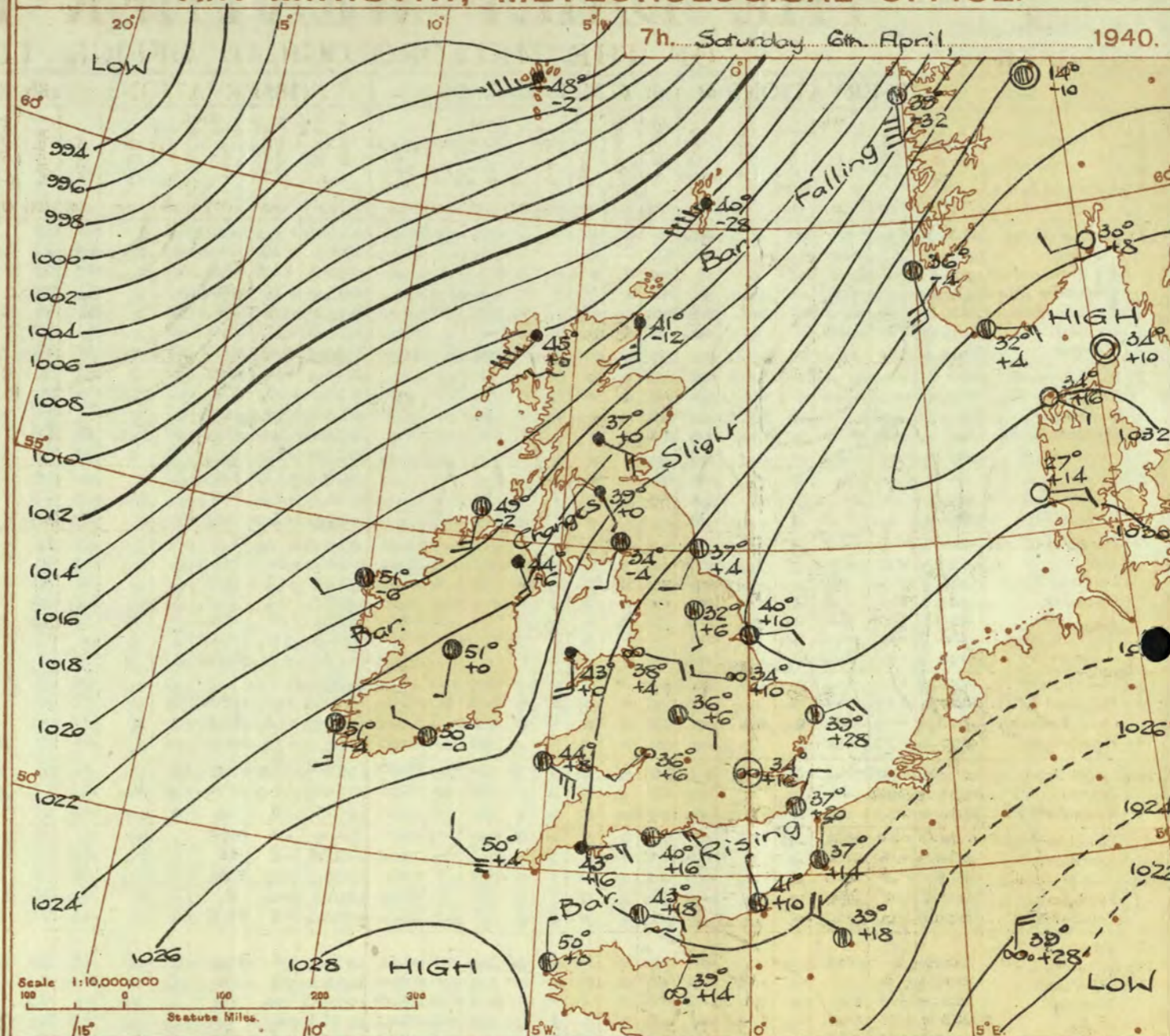
EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

# AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 6th April, 1940.
1 S.E. England	Light variable wind; fair to fine; temperature rather below average to-day with ground frost at night; temperature rising to-morrow.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind variable to southwest, light; mainly cloudy; some drizzle and fog on coast and hills; average temperature.
6 South Wales ...	
7 North Wales ...	Wind south to southwest, light to moderate, probably freshening to-morrow; cloudy; occasional light rain or drizzle especially in the west to-day; becoming slowly milder.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind south to southwest, strong at times, perhaps gale at times on north and northwest coasts, fresh at times in the south; cloudy or dull; rain at times; mild.
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind south to southwest, moderate, becoming strong at times on the coast later; dull; occasional drizzle; mild.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	As 5 - 6

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

## GENERAL INFERENCE.

A belt of high pressure extending from east of the Azores across England to the Baltic will move slowly south or southeast. A rather vigorous depression between Faeroes and Iceland will move northeast and will be followed by other disturbances from the Atlantic. Weather will be fine to fair over Southern and Eastern England and the Midlands, but will be unsettled with occasional rain or drizzle in northern and northwestern districts. Gales will occur off our northern coasts.

## FURTHER OUTLOOK.

Fair for two or three days in the South and East & Midlands with day temperature rising. Unsettled in the North and Northwest.

### Gale Warning.

Gale warning issued at 0220h. on 6/4/'40 to districts 13A, 13B, 15 and 16.

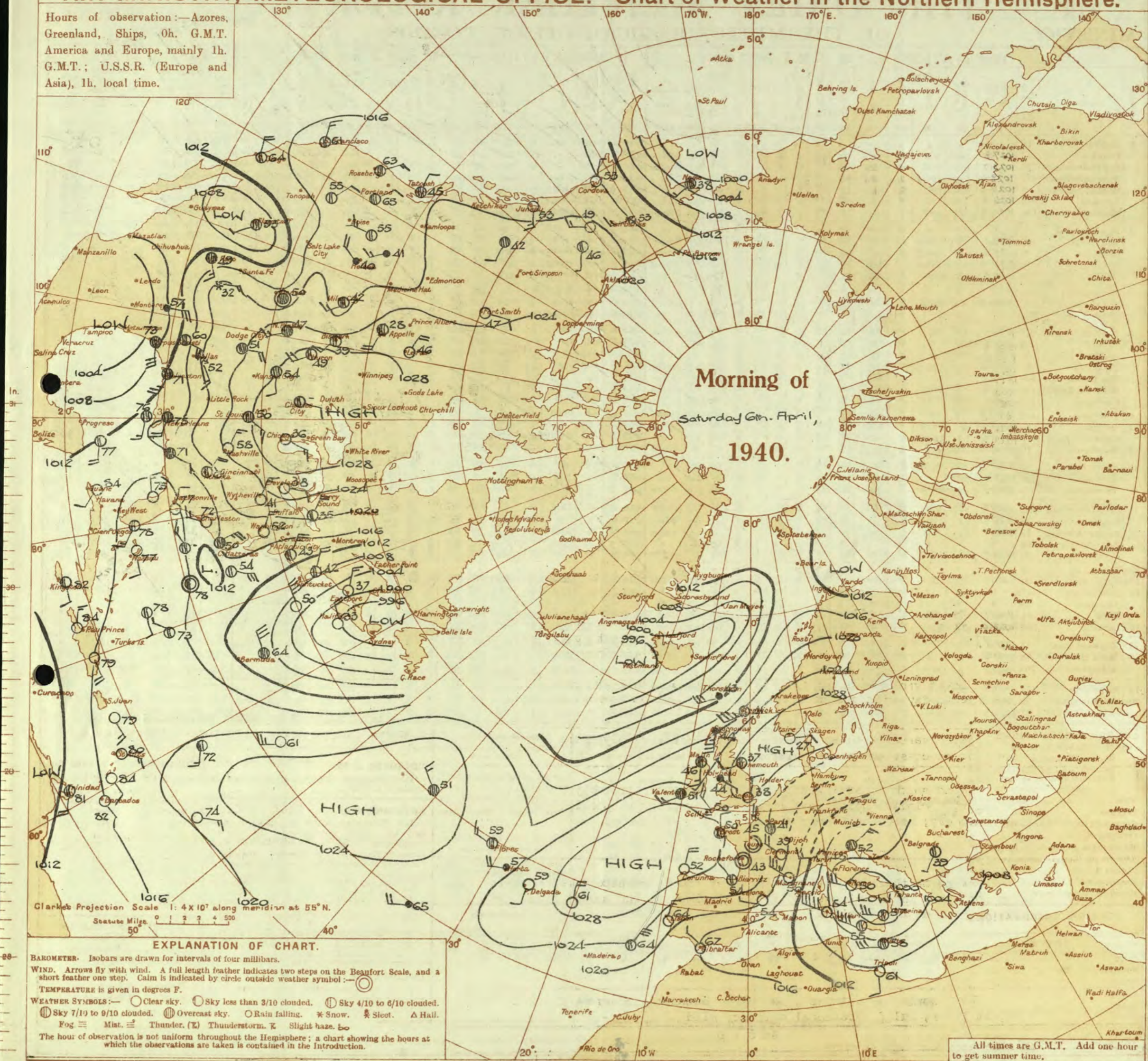
Forecasts issued at 1030 G.M.T.

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

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

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

Hours of observation:—Azores, Greenland, Ships, 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. 6th April															OBSERVATIONS at 7 hr. G.M.T. 6th April															PAST 24 HOURS.														
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3) (4)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud. (9) (10) (11) (12)				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17) (18)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud. (23) (24) (25) (26)				Barom. at M.S.L. (29)	Change in 3 hours. (30)	TEMPERATURE. (31) (32)		RAINFALL. (33) (34)		SUNSHINE 5th Hr. (35)											
											Form. (10)	Amount. (11)	Height of Base. (feet) (12)										Form. (24)	Amount. (25)	Height of Base. (feet) (26)				Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)											
1	London (Kew)	18	1027.8	+6	N.E.	2	c	38	65	6	S	-	-	7-8	7-8	2500	1030.5	+16	N	2	2	35	75	6	-	-	1	0	Tr	1	50	34	21	-	6.2									
	Croydon	217	1027.8	+6	N.E.	2	c	38	65	6	S	-	-	7-8	7-8	2500	1029.7	+16	N	2	2	34	85	6	-	-	1	0	0	1	49	28	22	-	3.7									
	S. Farnborough	226	1028.2	+8	N.E.	1	z	36	75	6	S	-	-	2-3	2-3	4000	1030.5	+16	N	0	2	28	97	6	-	3	5	0	1	53	27	21	-	8.1										
	Boacombe Down	417	1028.4	+10	N.E.	2	z	33	85	6	S	-	-	0	0	-	1030.2	+12	E.N.	1	C	33	85	7	5	7	-	2-3	7-8	4000	0	53	30	25	-	9.5								
	Calshot (St. Mary's)	8	1027.6	+10	N.E.	2	z	39	75	7	S	-	-	0	0	-	1029.3	+14	N.E.	1	2	37	85	6	-	3	-	0	4-6	-	55	33	30	-	8.6									
	Lymington	346	1026.5	+6	N	4	c	37	65	8	S	-	-	10	10	2500	1029.2	+20	N.N.E.	2	C	37	75	8	5	-	10	10	2500	1	47	36	35	-	4.6									
2	Manston	154	1026.8	+6	N.E.	4	c	38	85	7	S	-	-	10	10	2500	1029.1	+18	N.N.E.	3	C/pr	38	85	7	5	-	10	10	2500	0	38	36	-	Tr	2.8									
	Shoeburyness	11	1027.0	+8	W.S.W.	2	bc	38	75	7	S	-	-	4-6	4-6	1000	1030.5	+20	N	1	C	38	85	6	5	-	10	10	2500	1	48	34	26	Tr	1.7									
	Felixstowe	15	1027.0	+8	W.S.W.	2	bc	38	75	7	S	-	-	4-6	4-6	1000	1029.7	+14	N.E.	1	C	38	85	7	5	-	10	10	2500	1	48	37	35	Tr	1.1									
	Gorleston	5	1027.0	+8	N.N.E.	4	C	38	75	7	S	-	-	10	10	2500	1029.7	+28	S.N.E.	3	bc	39	75	7	8	-	4-6	4-6	2500	1	45	37	35	0.2	0.2	0.0								
	Mildenhall	19	1027.9	+4	N.W.	2	bc	31	92	7	S	-	-	2-3	2-3	4000	1029.9	+14	N.W.	1	C	34	85	7	5	-	9	9	4000	1	52	30	19	Tr	0.7									
3	Cranwell	240	1028.3	+6	N.W.	1	z	33	85	6	S	-	-	0	0	-	1030.2	+10	W.N.	1	2	34	92	6	-	3	-	0	4-6	-	47	28	19	-	2.5									
	Birmingham	535	1028.4	+6	N.N.E.	2	b	32	85	6	S	-	-	6	0	1	1030.3	+6	S.E.	2	C	36	65	6	-	3	-	0	9	-	49	33	25	-	4.7									
	Upper Heyford	408	1028.4	+6	N.N.E.	2	b	32	85	6	S	-	-	6	0	1	1030.1	+10	E.N.E.	1	2	33	85	6	-	7	6	0	4-6	-	49	29	21	-	-									
	Ross-on-Wye	223	1028.4	+6	N.N.E.	2	b	32	85	6	S	-	-	6	0	1	1030.5	+6	S.W.	1	2	36	85	6	5	7	-	1	9	4000	0	55	31	24	-	9.7								
4	Hartland Point	299	1026.7	+2	S.E.	1	bc	46	92	8	S	-	-	4-6	4-6	2500	1027.2	+8	S.E.	3	C	42	92	7	5	1	-	4-6	9	2500	0	49	42	-	-	4.7								
	Bristol	209	1028.8	+10	-	0	z	36	85	(5)	S	-	-	0	0	-	1029.9	+10	N.E.	1	2	38	85	7	5	3	-	7-8	9	4000	0	57	32	23	-	10.6								
	Portland Bill	32	1026.5	+18	E	3	b	42	92	8	S	-	-	0	0	-	1029.0	+16	E	3	C	40	85	8	5	4	-	4-6	10	4000	1	53	38	-	-	-								
	Plymouth	82	1027.2	+10	N	1	bc	47	85	7	S	-	-	2-3	2-3	2500	1028.9	+16	E	3	C	43	85	6	-	2	-	10	10	2500	1	54	43	42	-	6.0								
	The Lizard	240	1027.2	0	-	0	c	48	92	7	S	-	-	10	10	1500	1027.9	+6	E.S.	2	C	47	92	7	5	-	10	10	1500	1	55	46	-	-	0.2	6.0								
	Scilly (St. Mary's)	163	1026.8	-2	N.W.	3	f	50	97	3	S	-	-	10	10	450	1026.9	+4	N.W.	2	f	50	97	3	-	-	10	10	450	1	54	48	-	-	0.4	2.5								
5	Guernsey	175	1026.5	+12	E.S.E.	3	b	45	85	8	S	-	-	0	0	-	1028.3	+18	E.S.E.	1	C	43	75	7	1	7	-	1	9	2500	1	54	42	38	-	7.8								
	Pembroke	142	1026.8	+4	S.S.W.	2	c	47	97	8	S	-	-	10	10	1500	1026.5	+8	S.E.	5	C	44	92	7	5	2	-	7-8	10	1500	1	52	43	-	-	5.0								
	Holyhead	26	1026.3	0	S.E.	1	bc	44	92	7	-	2	-	10	10	800	1026.7	0	S	4	dd.	43	97	5	5	-	10	10	220	1	50	43	42	-	0.3	8.0								
	Chester (Sealand)	16	1028.6	+2	S.E.	1	z	37	85	5	-	-	-	0	0	-	1028.7	+4	E.S.E.	3	2	38	75	6	-	7	-	0	9	-	52	36	29	-	7.4									
6	Manchester	70	1029.0	+8	E.S.	2	z	34	75	5	S	-	-	1	1	2500	1029.4	+6	S.E.	2	2	36	75	6	5	-	9	9	4000	1	50	33	26	-	4.2									
	Spurn Head	29	1028.4	+6	N.E.	3	b	36	75	7	-	-	-	0	0	-	1030.3	+10	E	2	C	40	65	7	5	5	-	4-6	7-8	2500	0	43	34	-	-	0.5								
	Catterick	175	1029.0	+2	-	0	z	30	97	5	-	5	0	4-6	-	-	1029.5	+6	S.E.	1	C	32	97	8	-	7	6	0	9	-	43	29	19	-	0.8									
7	Tynemouth	108	1028.7	0	W.S.W.	2	bc	37	85	5	S	-	-	2-3	2-3	1500	1028.3	+4	S.W.	2	C	37	75	5	5	-	9	9	2500	1	42	34	30	Tr	-	-								
	St. Abbs Head	280	1027.5	-2	S.S.W.	4	bc	34	85	8	S	-	-	2-3	2-3	2500	1026.0	-6	S.S.W.	4	C	36	85	7	5	2	-	7-8	10	2500	0	43	33	-	-	-								
8	Leuchars	36	1026.6	-2	S.E.	2	C	38	85	7	S	7	-	1	9	4000	1025.6	-2	S	1	ir.	39	85	6	5	-	10	10	2500	1	45	37	26	-	Tr	2.6								
	Renfrew (Abbots I.)	19	1026.5	+2	E.N.	1	id.	41	75	4	S	-	-	10	10	4000	1025.9	0	S.S.E.	1	dd.	39	92	5	5	-	10	10	1500	1	45	38	37	-	0.5	3.0								
	Eskdalemuir	794	1026.5	0	-	-	-	-	-	-	-	-	-	-	-	-	1027.2	-4	S.S.W.	1	ir.	34	85	8	5	-	10	10	2500	1	44	39	26	-	0.2	0.5								
9	Point of Ayre	30	1026.9	+6	S	5	c	42	75	7	S	1	-	7-8	16	2500	1026.3	0	S	5	id.	42	85	7	8	2	-	7-8	10	1500	1	50	40	-	0.3	9.2								
	Tiree	22	1018.8	-24	S	7	rr	44	85	6	S	2	-	7-8	10	2500	1016.5	0	S.S.W.	7	dd	45	92	6	5	2	-	9	10	1500	1	47	43	-	2	6.0								
10	Stornoway	80	1018.8	-24	S	7	rr	44	85	6	S	2	-	7-8	10	2500	1016.5	0	S.S.W.	7	dd	45	92	6	5	2	-	9	10	1500	1	47	43	-	2	6.0								
	Dalwhinnie	1176	1018.8	-24	S	7	rr	44	85	6	S	2	-	7-8	10	2500	1016.5	0	S.S.W.	7	dd	45	92	6	5	2	-	9	10	1500	1	47	43	-	2	6.0								
11	Aberdeen	79	1021.7	-18	S.E.	5	C	42	75	7	S	2	-	7-8	10	1500	1018.4	-12	S	5	rr	41	92	6	5	2	-	7-8	10	800	1	45	40	-	1	-								
	Wick	81	1021.7	-18	S.E.	5	C	42	75	7	S	2	-	7-8	10	1500	1018.4	-12	S	5	rr	41	92	6	5	2	-	7-8	10	800	1	45	40	-	1	-								
12	Lerwick	156	1022.0	-28	S.S.W.	7	C	41	85	8	S	7	-	4-6	7-8	1500	1016.1	-28	S.S.W.	9	rr	40	92	6	6	2	-	4-6	10	800	1	48	38	-	2	0.5	6.7							
	Blacksod Point	18	1022.7	+2	S.W.	3	C	51	97	7	S	-	-	10	10	450	1021.7	-6	S.W.	2	C	51	97	7	8	-																		

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

SECRET

BRITISH SECTION  
Sunday 7th April 1940.  
No. 28626.

OBSERVATIONS at 13h. G.M.T. 6th April

OBSERVATIONS at 18h. G.M.T. 6th April

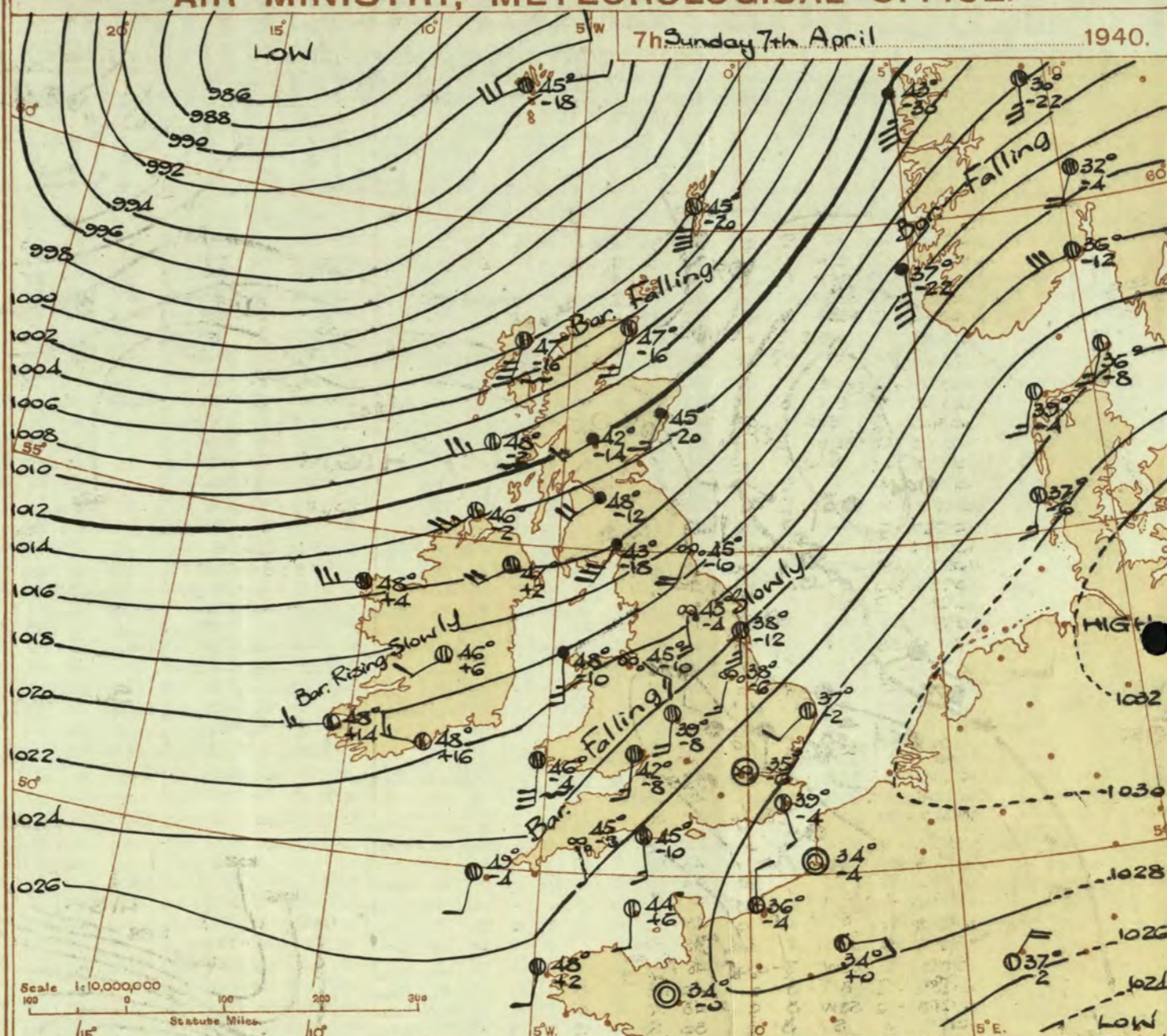
PAST 24 HOURS.

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)	Seas. 0-9 (30)	Weather.																																																																																																																																																																																												
				Direc.	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)	7th.-13th. Gth (37)	13th.-18th. Gth (38)	18th.-20th. Gth (39)	1th.-7th. Gth (40)																																																																																																																																																																																					
																																		Form.		Amount.		Form.		Amount.																																																																																																																																																																														
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton). Lympne ... Manston ...	1029.9 1029.9 1029.5 1029.7 1030.0 1030.1 1030.4	-6 -2 -12 -4 -2 -2 0	E E 1/2 SE 1/8 SE 1/8 E NE NE	2 1 2 3 2 2 2	b b b b b c c	48 47 50 46 46 41 41	55 68 45 45 65 65 86	6 6 6 8 7 8 7	- - - - - - -	- - - - - - -	4 - - - - 10 10	2 4 0 0 0 10 10	2500 2500 - - - 2500 2500	1029.1 1029.9 1028.6 1028.8 1028.1 1029.7 1030.2	-6 -4 -6 -2 -2 -2 0	SE 1/8 E 1/2 S SE E 1/8 E 1/8 E 1/8	2 3 3 3 3 3 1	b b b b b c c	45 47 55 48 44 41 41	55 73 57 65 65 78 78	6 6 7 7 7 8 8	- - - - - - -	1 1 1 3 1 1 7.8	2 1 1 0 10 10 7.8	- - - - - 2500 2500	1 1 1 0 1 0 1	* * * * * * *	beg bzy cz bcz bm x y b c c	bzy bz b b b c c	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b b b	bz bz b b b

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h Sunday 7th April

1940.



## DISTRICTS.

## FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 7th April, 1940.

1 S.E. England	Moderate southwest wind, veering westnorthwest tonight; fair at first, cloudy with slight rain this evening, bright periods and local showers tomorrow; average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Moderate or fresh westnorthwest wind; cloudy, slight rain at first, bright periods and occasional local showers later; average temperature.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Fresh west to northwest wind, strong, squally later on coast; bright periods, occasional showers; rather cool.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Fresh or strong southwest wind, soon veering west and reaching gale force on coast; dull with rain at first, bright periods and squally showers later; cool.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	Fresh or strong squally west to northwest wind, gale locally on coast; bright periods squally showers, snow or sleet locally in North; rather cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Fresh or strong west to northwest wind, gale locally on coast; bright periods, squally showers; cool.
18 N. E. Ireland	
19 S. E. Ireland	Moderate or fresh west to northwest wind; bright periods, occasional showers; 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.

An anticyclone is centred over Poland, and a ridge of high pressure extending across Northern France is receding southeast, and weakening.

A deep depression southeast of Iceland is moving east-southeast. A belt of rain now extending from N.E. Scotland to St. Georges Channel will move east and will reach the extreme southeast during tonight, but amounts of rain will be small in the South. In the rear of the rain belt cooler west to northwest winds with showers will spread over the country, and it will become cold with wintry showers in the North.

## FURTHER OUTLOOK.

Cold with wintry showers in the North; bright periods, occasional showers in the South.

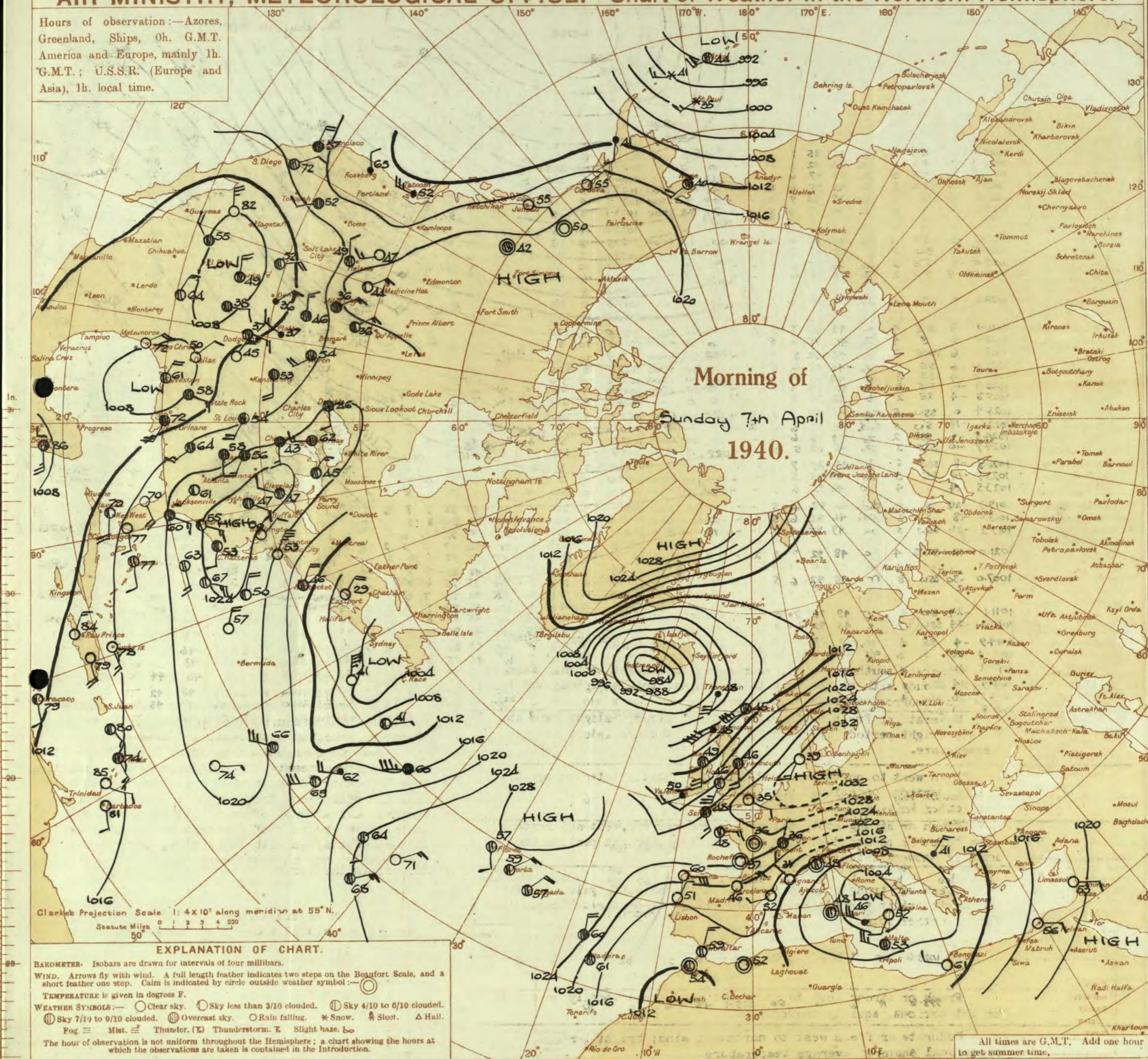
Forecasts issued at 1030 G.M.T.

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. 7th April														OBSERVATIONS at 7 hr. G.M.T. 7th April														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.										
					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.												
1	London (Kew)	18	1029.3	-6	SE'S	2	b	35	85	7	-	-	-	-	1027.5	-8	S	1	Zo	37	92	6	5	3	2	2-3	94	1000	1	48	31	19	-	Tr	11.0										
	Croydon	217	1029.3	-2	SE'S	1	2	34	92	6	-	-	-	-	1017.8	-6	-	0	Zo	35	85	6	-	-	-	-	-	-	1	48	31	24	-	Tr	10.4										
	S. Farnborough	226	1029.3	-2	SE'S	1	2	34	92	6	-	-	-	-	1027.4	-10	SE'S	1	Zo	34	92	6	5	-	-	-	-	-	1	54	29	23	-	-	10.9										
	Boscombe Down	417	1028.9	-6	SE'S	3	Zo	33	97	6	-	-	-	-	1026.8	-6	SE'S	3	c	40	92	7	5	3	-	7-8	94	2500	0	53	30	26	-	-	10.8										
	Calshot (Stmntn.)	8	1028.8	-6	SE'S	3	Zo	43	75	6	-	-	-	-	1027.0	-8	S'E	2	c	43	85	6	5	-	-	-	-	0	48	41	39	-	-	12.2											
	Lympe	346	1029.7	-6	SE	1	bc	39	75	7	-	-	-	-	1028.1	-4	SESE	1	bc	39	75	7	5	-	2	Tr	4.6	1500	1	43	37	29	-	-	0.0										
2	Manston	154	1029.9	-6	-	0	Z	34	97	6	-	-	-	-	1028.1	-4	S	1	Zo	37	92	6	5	-	1	7-8	7.8	2500	0	43	32	22	-	Tr	0.1										
	Shoeburyness	11	1029.7	-6	S'E	1	Zo	40	85	6	-	-	-	-	1028.2	-8	S	2	bc	40	75	6	-	-	8	0	2-3	-	1	45	40	28	-	-	1.4										
	Felixstowe	15	1029.7	-6	S'E	1	Zo	37	75	7	-	-	-	-	1027.8	-6	S	2	Zo	40	85	6	-	-	4	0	9	-	1	45	38	30	-	-	0.9										
	Gorleston	5	1029.7	-6	SW	2	b	37	75	7	-	-	-	-	1028.1	-2	SW'S	2	bc	37	85	6	-	-	1	0	4-6	-	0	44	35	34	-	-	8.0										
	Mildenhall	19	1029.0	-8	S'E	2	Zo	36	85	6	-	-	-	-	1027.1	-10	S'E	2	Zo	36	85	6	-	-	8	0	9	-	1	48	32	28	-	Tr	3.2										
3	Cranwell	240	1027.5	-8	S'W	3	Zo	35	85	6	-	-	-	-	1025.3	-6	S'W	3	Zo	38	85	6	5	-	-	10	10	4000	0	49	33	30	-	-	11.3										
	Birmingham	535	1028.6	-4	S	1	Zo	35	85	6	-	-	-	-	1027.3	0	SE	2	Zo	36	85	6	5	-	1	94	10	4000	1	54	31	25	-	-	*										
	Upper Heyford	408	1028.6	-4	S	1	Zo	35	85	6	-	-	-	-	1027.3	0	SE	2	Zo	36	85	6	5	-	1	94	10	4000	1	54	31	25	-	-	*										
	Ross-on-Wye	223	1028.6	-4	S	1	Zo	35	85	6	-	-	-	-	1025.0	-8	SSW	3	c	42	75	7	5	-	-	10	10	2500	0	54	41	41	-	-	6.4										
5	Hartland Point	209	1026.1	-8	SSE	4	c	43	75	8	-	-	-	-	1024.0	-8	SSE	4	c	44	85	8	5	-	2	9	10	2500	0	51	42	42	-	-	0.0										
	Bristol	209	1028.0	-6	S	4	Zo	41	75	6	-	-	-	-	1025.6	-10	S	3	c	42	85	7	5	-	-	10	10	5700	0	54	40	39	-	-	7.6										
	Portland Bill	32	1027.8	-6	ENE	3	c	42	92	8	-	-	-	-	1025.7	-10	S	3	c	45	92	8	5	-	-	10	10	7000	1	53	41	41	-	-	*										
	Plymouth	82	1027.7	-6	SE	1	Zo	44	85	6	-	-	-	-	1025.7	-8	SSE	1	Zo	45	85	7	5	-	-	10	10	5700	1	51	44	42	Tr	-	0.9										
	The Lizard	240	1027.4	-4	SE	3	c	46	85	7	-	-	-	-	1025.6	-4	S'E	3	c	48	92	8	5	-	-	10	10	1500	0	49	45	45	-	-	0.0										
	Scilly (St. Mary's)	163	1025.8	-4	S'E	3	c	48	85	7	-	-	-	-	1024.4	-4	SW'S	2	c	49	97	6	5	-	2	2-3	9	1500	1	51	48	48	0.2	Tr	0.0										
6	Guernsey	175	1027.8	-4	SE	2	b	42	85	8	-	-	-	-	1026.3	-6	S'W	2	bc	44	97	7	1	7	8	Tr	4.6	2500	1	48	41	35	-	-	8.6										
	Pembroke	142	1025.4	0	SSW	5	cq	45	97	7	-	-	-	-	1022.1	-4	SSW	6	cq	46	97	7	8	-	-	7-8	9	1500	1	47	45	45	0.2	Tr	0.0										
	Holyhead	26	1022.6	-14	S'W	5	dod	46	97	6	-	-	-	-	1020.3	-10	S	5	dod	48	92	6	5	-	-	9	10	450	1	46	45	44	Tr	Tr	0.0										
	Chester (Sealand)	16	1024.9	-6	SSE	2	Zo	49	75	6	-	-	-	-	1022.3	-10	SE	3	Zo	45	75	6	5	-	-	10	10	2500	0	53	45	41	-	-	0.9										
8	Manchester	70	1029.7	-10	SSE	3	Zo	48	65	5	-	-	-	-	1022.7	-6	S'E	4	c	44	75	7	5	-	-	10	10	4000	1	52	43	43	-	-	3.3										
	Spurn Head	29	1026.8	-8	SSE	5	b	38	85	7	-	-	-	-	1023.8	-12	S	5	c	38	85	6	5	-	-	94	94	4000	0	45	37	37	-	-	10.7										
	Catterick	175	1023.7	-14	SE	3	Zo	44	85	5	-	-	-	-	1021.0	-4	S	3	Zo	45	82	6	5	-	-	7-8	94	1500	1	51	41	39	-	-	3.6										
10	Tynemouth	108	1023.3	-14	S	4	0	46	75	6	-	-	-	-	1019.6	-10	SSW	4	Zo	45	85	5	8	-	-	9	9	2500	1	52	45	42	-	-	*										
	St. Abbs Head	280	1019.3	-26	S	4	dod	45	97	6	-	-	-	-	1015.1	-14	SW	6	cq	47	85	7	8	-	-	6	2	7-8	9	2500	0	46	44	44	Tr	Tr	*								
	Leuchars	36	1018.0	-18	S	3	dod	46	92	6	-	-	-	-	1013.4	-26	SSW	5	c	48	85	8	5	-	-	10	10	800	1	47	45	44	0.1	Tr	0.0										
12	Renfrew (Abbots I.)	19	1017.2	-26	SSW	5	m	49	85	4	-	-	-	-	1014.1	-12	SW	4	RR	48	92	6	6	-	-	10	10	1500	1	46	45	44	Tr	4	0.0										
	Eskdalemuir	794	1017.2	-26	SSW	5	m	49	85	4	-	-	-	-	1014.1	-12	SW	4	RR	48	92	6	6	-	-	10	10	1500	1	46	45	44	Tr	4	0.0										
	Point of Ayre	30	1021.0	-12	SW'S	4	c	48	92	7	-	-	-	-	1016.6	-18	SW'S	6	rr	43	97	5	-	-	2	10	10	4150	1	42	41	41	Tr	3	0.0										
13A	Tiree	22	1021.0	-12	SW'S	4	c	48	92	7	-	-	-	-	1017.1	-14	SW'S	6	rr	47	92	6	6	-	-	9	10	800	1	47	45	45	Tr	1	0.0										
	Stormway	80	1007.0	-30	SSW	8	rr	48	92	6	-	-	-	-	1009.3	-2	SSW	8	bc	48	85	7	8	-	-	7-8	10	1500	1	50	46	46	0.1	4	0.0										
	Dalwhinnie	1176	1007.0	-30	SSW	8	rr	48	92	6	-	-	-	-	1012.3	-14	SW	3	RR	42	97	7	6	-	-	7-8	10	2500	1	45	40	39	-	5	0.0										
15	Aberdeen	79	1011.1	-24	SW	4	c	49	75	7	-	-	-	-	1012.1	-20	SSW	3	rr	45	97	7	6	-	-	7-8	10	800	1	45	43	42	0.0	Tr	0.1										
	Wick	81	1011.1	-24	SW	4	c	49	75	7	-	-	-	-	1012.1	-20	SSW	3	rr	45	97	7	6	-	-	7-8	10	800	1	45	43	42	0.0	Tr	0.1										
	Lerwick	156	1010.6	-24	SSW	7	c	45	92	6	-	-	-	-	1004.9	-20	SSW	8	c/r	45	92	6	9	-	-	7-8	94	800	1	47	43	43	5	0.5	0.0										
17	Blacksod Point	18	1014.9	-4	SE	4	rr	49	97	7	-	-	-	-	1015.6	+4	W'S	5	cq	48	85	8	4	-	-	4-6	7.8	1500	1	53	46	46	-	5	*										
	Malin Head	84	1013.4	-26	S	6	qd	49	92	6	-	-	-	-	1013.2	-2	SW	5	bc	46	75	8	5	-	-	1-6	4.6	5700	1	54	43	43	0.1	2	0.1										
	Aldergrove	268	1017.2	-20	S	4	c	51	75	7	-	-	-	-	1015.9	+2	SW	4	c	47	92	8																							

AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

# SECRET

BRITISH SECTION  
Monday 8th April 1940.  
No. 28627.

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

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

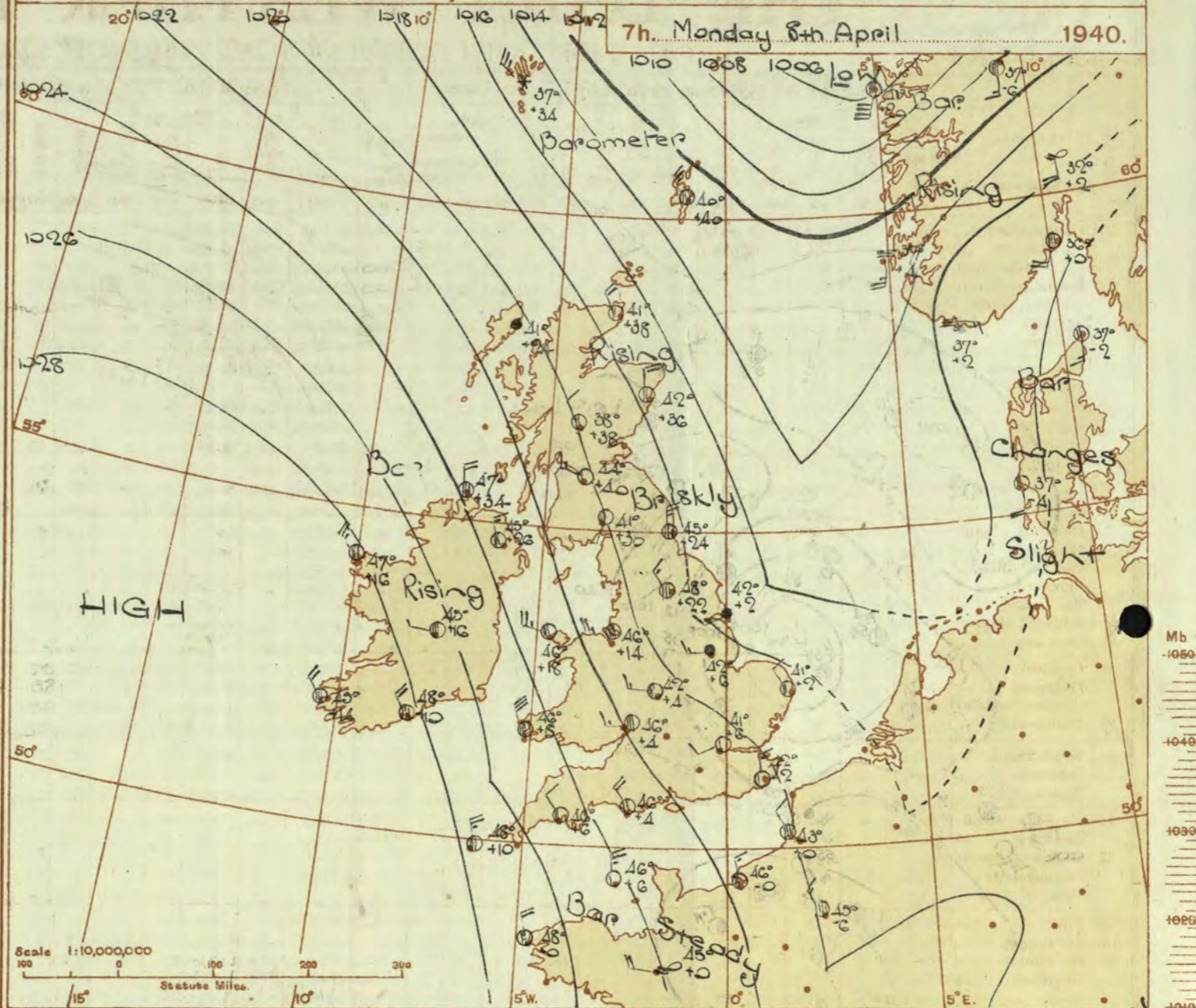
PAST 24 HOURS.

DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visib. 0-12 (8)	Cloud.				Height of Base (feet) (14)	Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visib. 0-12 (22)	Cloud.				Height of Base (feet) (28)	State of ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																				
				Direc. (3)	Force. 0-12 (4)				Form.	Amount. Low Med. High (9-10-11)	Total 0-10 (12)					Direc. (17)	Force. 0-12 (18)				Form.	Amount. Low Med. High (23-24-25)	Total 0-10 (26)																									
1	London (Kew)...	1023.8	-22	SSW	4	50	65	7	5	3	4	9	4000	1021.4	-14	SSW	3	c/pr	47	75	6	5	-	3	3	2500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Croydon ...	1024.3	-6	S	4	54	55	6	-	-	2	0	4000	1021.7	-14	SSW	3	c/pr	47	75	6	5	-	3	3	4000	1	*	cm bcc	ccp csm	cccbom	bccm w																
	S. Farnborough	1024.1	-22	SSW	4	50	65	7	5	-	3	3	2500	1021.5	-16	SSW	4	c/d	47	65	7	5	-	3	3	2500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Boscombe Down	1024.0	-12	S	4	47	75	6	5	-	10	10	4000	1021.8	-10	SSW	3	c/d	47	32	7	5	-	3	3	2500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Calshot (Soton.)	1025.0	-12	SSW	3	48	75	7	7	-	7	8	4000	1022.1	-16	SSW	2	c	47	85	6	5	-	7	10	1500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Lympne	1025.0	-16	S	3	48	65	7	1	-	6	7	2500	1022.6	-14	SSW	3	c	44	75	7	5	-	7	10	1500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Manston	1025.1	-22	SSW	4	49	75	6	-	-	6	9	-	1022.0	-20	SSW	3	c	46	75	6	5	-	7	10	1500	1	*	cm bcc	ccp csm	cccbom	bccm w																
2	Shoeburyness ...	1024.5	-22	SSW	1	51	65	7	-	2	0	7	-	1021.8	-20	SSW	2	c	48	75	6	5	-	0	3	-	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Felixstowe ...	1024.7	-22	S	3	49	65	6	-	-	0	3	-	1020.7	-24	S	3	c	46	85	6	5	-	4	10	4000	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Gorleston ...	1023.8	-28	SSW	5	47	75	6	-	1	0	4	-	1020.2	-20	SSW	4	c	45	75	6	5	-	10	10	1500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Mildenhall ...	1023.1	-24	SSW	3	51	65	6	-	3	0	9	-	1020.0	-10	SSW	2	c	50	65	6	5	-	10	10	2500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Cranwell ...	1021.4	-26	S	3	47	75	7	5	2	0	10	2500	1018.7	-10	SSW	3	c	47	85	6	5	-	0	2	-	1	*	cm bcc	ccp csm	cccbom	bccm w																
3	Birmingham	1021.3	-12	SSW	4	47	75	7	5	7	-	4	10	1500	1019.2	-10	W	3	c	51	55	8	8	-	4	10	1500	1	*	cm bcc	ccp csm	cccbom	bccm w															
	Upper Heyford	1020.3	-20	SSW	3	48	65	6	5	2	-	3	10	2500	1020.3	-10	SSW	3	c	48	85	7	5	-	2	3	2500	1	*	cm bcc	ccp csm	cccbom	bccm w															
	Ross-on-Wye ...	1022.0	-16	SSW	3	50	65	7	5	7	-	4	10	2500	1019.3	-10	W	3	c	54	45	8	7	-	1	1	4000	0	*	cm bcc	ccp csm	cccbom	bccm w															
5	Hartland Point	1023.2	+4	W	3	47	97	7	5	7	-	4	8	800	1022.7	-5	W	4	c	48	92	8	1	-	4	1	2500	0	*	cm bcc	ccp csm	cccbom	bccm w															
	Bristol ...	1023.2	-14	S	3	50	65	8	5	7	-	7	8	4000	1021.8	-6	W	4	c	48	92	8	1	-	4	1	2500	0	*	cm bcc	ccp csm	cccbom	bccm w															
	Portland Bill ...	1023.3	-8	SSW	3	47	92	8	5	-	10	10	4000	1022.1	+4	W	3	c	47	85	8	5	-	7	8	4000	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Plymouth ...	1024.1	-10	SSW	3	50	65	8	5	-	10	10	800	1023.3	+6	NNW	4	c	52	55	8	1	-	2	3	2500	0	*	cm bcc	ccp csm	cccbom	bccm w																
	The Lizard ...	1024.8	-2	NW	4	51	85	8	2	-	9	10	1500	1025.3	+6	WNW	4	c	50	85	8	8	-	4	10	2500	0	*	cm bcc	ccp csm	cccbom	bccm w																
	Scilly (St. Mary's)	1024.8	+4	WNW	2	52	85	8	5	2	9	10	2500	1025.3	0	WNW	4	c	51	75	8	-	-	0	0	-	2	*	cm bcc	ccp csm	cccbom	bccm w																
	Guernsey ...	1025.0	-8	WSW	1	49	85	7	5	2	-	7	10	2500	1025.1	-14	WNW	1	c	50	92	7	5	-	7	8	2500	1	*	cm bcc	ccp csm	cccbom	bccm w															
6	Pembroke ...	1022.7	+2	W	4	48	97	8	2	4	-	2	3	1500	1021.8	-8	NW	5	c	48	92	7	8	-	2	3	1500	1	*	cm bcc	ccp csm	cccbom	bccm w															
	Holyhead ...	1019.2	+2	SSW	4	51	85	8	2	-	1	1	2500	1021.8	+6	SSW	4	c	47	85	8	3	-	1	1	1500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Chester (Sealand)	1019.8	-10	SSW	3	51	75	7	6	2	-	4	10	1500	1018.5	-8	WSW	4	c/pr	52	65	8	3	-	4	10	2500	1	*	cm bcc	ccp csm	cccbom	bccm w															
	Manchester ...	1019.8	-16	S	3	47	97	6	2	-	3	10	1500	1017.9	-2	W	5	c	51	65	8	7	-	3	3	2500	1	*	cm bcc	ccp csm	cccbom	bccm w																
10	Spurn Head ...	1020.7	-16	SSW	4	45	75	6	5	-	10	10	1500	1017.7	-12	SSW	3	c	45	97	6	5	-	7	8	800	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Catterick ...	1018.1	-10	SSW	3	47	92	6	5	-	10	10	800	1015.4	-8	SSW	3	c	50	75	8	8	-	7	8	1500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Tynemouth ...	1017.3	-8	SSW	3	50	85	6	8	-	3	9	2500	1014.6	-10	WSW	3	c	52	65	7	2	-	7	8	2500	1	*	cm bcc	ccp csm	cccbom	bccm w																
11	St. Abbs Head	1013.1	-16	SSW	4	49	85	7	8	6	-	4	7	2500	1011.1	0	W	4	c	47	85	9	8	-	4	7	2500	0	*	cm bcc	ccp csm	cccbom	bccm w															
	Leuchars ...	1011.4	-10	SSW	5	52	65	8	5	-	3	3	2500	1010.1	-2	WSW	4	c	50	75	8	7	-	2	3	2500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Renfrew (Abbots L.)	1013.3	-6	SSW	5	51	65	7	5	-	1	3	1500	1012.5	-2	WS	5	c	47	75	7	5	-	2	3	1500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Eskdalemuir ...	1014.5	-10	WS	6	46	75	6	3	-	7	8	1500	1013.6	+2	WSW	4	c	43	85	7	3	-	8	4	1500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Point of Ayre ...	1016.2	-2	WS	5	55	65	8	1	3	-	7	2	4000	1016.0	+2	NNW	5	c	47	75	8	8	-	4	7	2500	1	*	cm bcc	ccp csm	cccbom	bccm w															
13A	Tiree ...	1008.5	+4	WS	5	51	75	7	5	-	7	8	1500	1010.2	-6	WNW	5	c	46	75	7	8	-	2	3	2500	0	*	cm bcc	ccp csm	cccbom	bccm w																
13B	Stornoway ...	1002.1	+2	WSW	7	47	85	6	2	-	7	8	800	1004.2	+10	WSW	7	c/pr	46	85	7	8	-	7	8	2500	1	*	cm bcc	ccp csm	cccbom	bccm w																
15	Dalwhinnie ...	1010.3	-10	S	6	46	85	7	4	6	-	7	8	4000	1009.3	+2	S	4	IR	42	85	7	6	-	7	8	10	2500	1	*	cm bcc	ccp csm	cccbom	bccm w														
	Aberdeen ...	1008.6	-20	SSW	5	55	55	8	1	-	8	2	7	2500	1008.2	-2	SSW	3	c	51	65	8	4	-	7	8	2500	1	*	cm bcc	ccp csm	cccbom	bccm w															
	Wick ...	1004.2	-12	SSW	6	52	65	8	6	8	-	2	3	2500	1004.2	+6	SSW	4	c	47	75	8	3	-	4	7	2500	1	*	cm bcc	ccp csm	cccbom	bccm w															
16	Lerwick ...	1002.3	-14	SSW	6	46	92	7	8	3	-	7	8	800	999.7	0	SSW	8	c	45	92	6	6	-	7	8	10	800	1	*	cm bcc	ccp csm	cccbom	bccm w														
17	Blacksod Point...	1018.3	+20	W	7	51	75	8	3	-	4	6	800	1020.5	+20	W	7	c	48	85	7	9	-	4	6	450	1	*	cm bcc	ccp csm	cccbom	bccm w																
18	Malin Head ...	1013.3	+8	SSW	5	48	75	8	5	6	-	2	3	5700	1014.7	+16	WNW	5	c	46	65	7	9	-	4	6	4000	0	*	cm bcc	ccp csm	cccbom	bccm w															
	Aldergrove ...	1015.7	-2	SSW	4	49	75	8	8	-	7	8	2500	1016.2	+10	WSW	4	c	48	65	8	9	-	3	3	1500	1	*	cm bcc	ccp csm	cccbom	bccm w																
19	Birr Castle ...	1020.1	+6	SSW	3	52	65	8	8	-	7	8	1500	1021.3	+12	W	3	c	48	75	8	5	-	4	6	1500	1	*	cm bcc	ccp csm	cccbom	bccm w																
20	Valentia Obs. †	1024.5	+14	WNW	4	52	75	8	8	-	7	8	2500	1026.1	+10	WNW	5	c	51	65	7	2	-	2	3	2500	1	*	cm bcc	ccp csm	cccbom	bccm w																
	Roches Point ...	1022.6	+6	WNW	4	54	65	8	2	-	7	8	2500																																			

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 8th April

...1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 8th April, 1940.
1 S.E. England	Wind veering northwest to north, moderate or fresh; dull; some light rain at first, brighter intervals and showers later; rather cold.
2 E. England ...	
3 E. Midlands ...	Wind northerly, moderate or fresh; cloudy and brighter periods; occasional showers, perhaps hail locally on the coast; rather cold.
4 W. Midlands ...	
5 S.W. England	Moderate northerly wind; fair; long bright periods; average to rather low temperature; slight night frost locally.
6 South Wales ...	
7 North Wales ...	Fresh, rather squally northwest winds veering north; bright periods, local showers at first; fine tomorrow; rather cold; slight frost at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Fresh, rather squally northerly winds; cloudy and brighter periods; hail locally near the coast. rather cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W.Scotland.	As 7 - 9.
14 Mid Scotland	Fresh squally north to northwest winds; mainly cloudy, brighter intervals; wintry showers; cold.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 4 - 6.
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 joining anticyclones centred to north of Iceland and to northeast of the Azores is spreading eastwards, whilst a trough of relatively low pressure is almost stationary over the North Sea. Secondary disturbances are likely to move down from the northwest. Weather will be fair in the western half of the country, but there will be showers in the eastern counties. Conditions will be mainly rather cold.

### FURTHER OUTLOOK.

Mainly fair in the west and south. Rather cold with showers in the East.

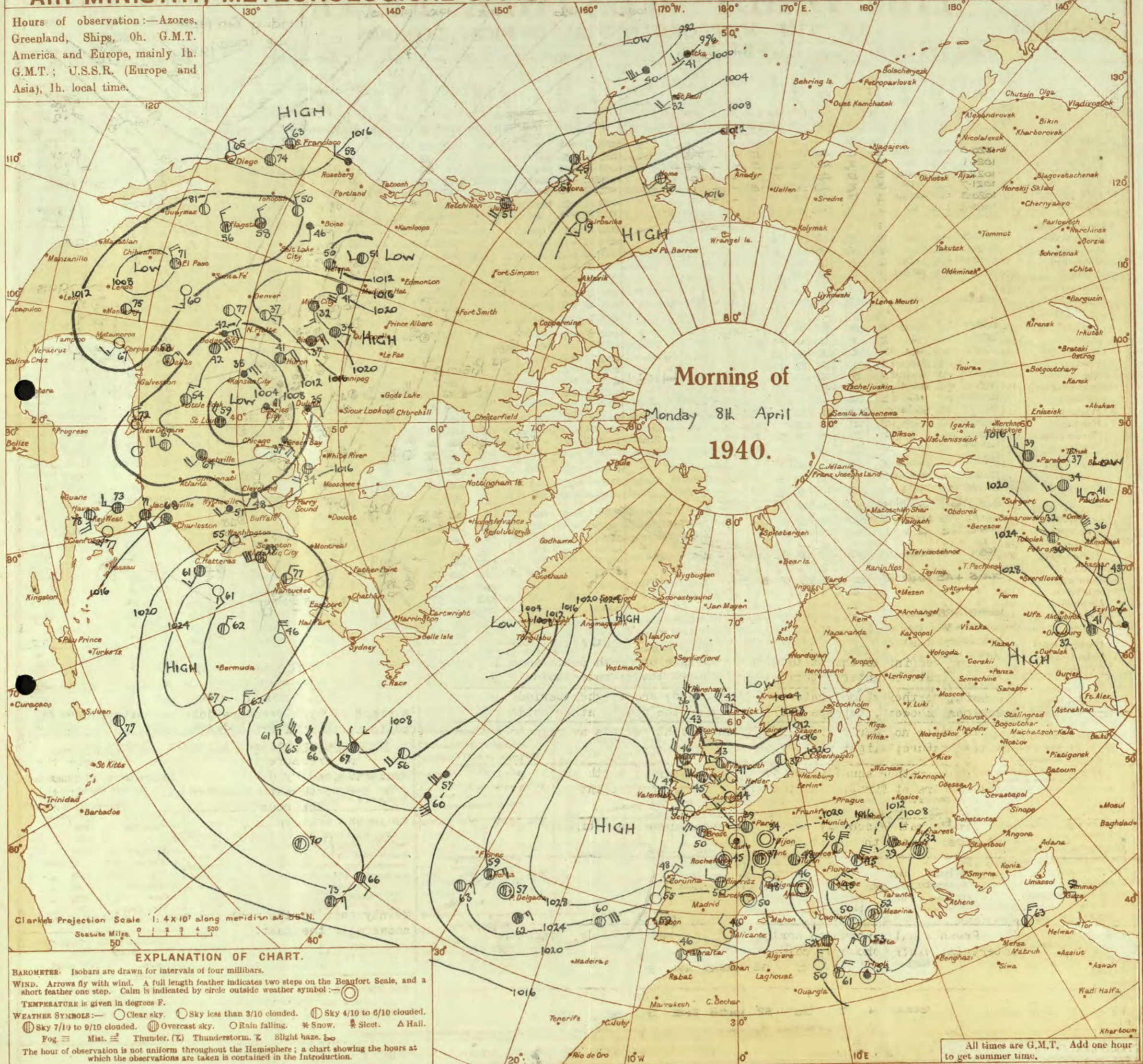
Forecasts issued at 1030 . G.M.T.

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

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

# 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. 8th April														OBSERVATIONS at 7 hr. G.M.T. 8th April														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. mb. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		Sun- shine Hrs. (36)		
					Direc. (3)	Force. (4)					Form. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Direc. (17)					Force. (18)	Form. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1021.2	+4	W	2	z	42	85	6	5	-	6	1	9	4000	1	*	50	40	30	Tr	Tr	3.1			
	Croydon	217	1020.3	-10	WSW	3	c	44	85	6	5	-	7-8	7-8	2500	1021.0	+6	W'S	2	b	41	92	6	-	4	0	1	-	1	*	54	38	31	Tr	Tr	6.0		
	S. Farnborough	226	1021.1	-2	W	3	z	43	85	6	5	-	4-6	4-6	5700	1021.7	+6	WSW	3	bc	41	85	8	-	3	-	2-3	4-6	4000	1	*	52	35	28	Tr	Tr	2.4	
	Boscombe Down	417	1022.1	+2	WSW	3	b	40	97	7	-	-	0	0	-	1022.4	+6	WSW	3	bc	42	85	7	5	-	-	4-6	4-6	5700	1	*	51	37	33	Tr	Tr	0.1	
	Calshot (St. Mary's)	8	1021.7	-4	WSW	3	z	43	92	6	5	-	1	1	2500	1022.2	+6	WSW	3	bc	42	85	6	5	3	-	2-3	4-6	5700	1	1	51	38	35	Tr	Tr	3.1	
	Lymington	346	1020.3	-14	WSW	2	b	41	92	7	-	-	0	0	-	1020.1	+2	WSW	3	b	42	85	7	2	4	-	Tr	1	4000	1	2	49	37	33	Tr	Tr	5.6	
	Manston	154	1019.6	-14	W	2	z	38	92	6	-	-	0	0	-	1019.7	+2	W	4	z	43	85	6	5	-	1	1	4000	0	2	50	37	33	Tr	Tr	8.4		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1020.0	+2	WS	1	b	43	85	8	-	-	-	0	0	-	-	1	*	53	40	31	Tr	Tr	6.7		
	Felixstowe	15	1018.9	-14	W	3	z	44	92	6	-	-	0	0	-	1019.2	+6	WS	2	b	42	85	6	-	3	-	0	0	-	1	1	50	40	36	Tr	Tr	5.6	
	Gorleston	5	1018.1	-12	W	2	bc	43	85	6	5	-	4-6	4-6	2500	1018.4	+2	WSW	2	bc	41	85	6	-	3	-	0	2-3	-	1	1	47	39	39	Tr	Tr	4.3	
	Mildenhall	19	1019.0	-6	WSW	2	b	41	92	7	5	-	1	1	4000	1019.6	+6	WSW	2	z	38	97	6	5	7	-	7-8	9	4000	1	*	52	35	31	Tr	Tr	5.0	
	Cranwell	240	1019.0	-2	WSW	3	z	40	92	6	-	-	0	0	-	1019.0	+6	W	3	z	42	92	6	5	7	-	10	10	1500	1	*	49	37	34	Tr	Tr	0.9	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1021.2	+4	WSW	3	cd	42	92	5	5	-	-	9	9	800	1	*	52	40	36	Tr	Tr	1.0			
	Upper Heyford	408	1020.4	0	W'S	2	z	41	92	6	-	4	-	0	Tr	-	1021.4	+8	WSW	3	z	43	85	7	5	7	-	7-8	10	1500	1	*	50	35	30	Tr	Tr	2.2
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1022.2	+4	W	3	c	46	75	8	5	-	-	9	9	2500	0	*	55	42	34	Tr	Tr	2.2			
5	Hartland Point	299	1023.9	+6	NNE	4	b	47	75	8	-	4	-	0	Tr	-	1025.3	+8	WSW	4	c	46	75	8	5	4	-	4-6	7-8	2500	0	3	50	44	42	Tr	Tr	4.9
	Bristol	209	1022.8	+6	W	2	b	40	97	7	1	-	1	1	2500	1023.2	0	WSW	3	c	44	85	7	5	7	-	7-8	7-8	2500	0	*	52	40	33	Tr	Tr	2.4	
	Portland Bill	32	1022.6	+4	WSW	3	bc	45	92	8	5	-	4-6	4-6	4000	1022.7	+4	WSW	4	bc	46	85	8	1	-	-	4-6	4-6	4000	1	3	48	43	41	Tr	Tr	2.7	
	Plymouth	82	1024.9	+6	WSW	3	b	47	75	7	-	-	0	0	-	1025.6	+6	WSW	2	bc	46	75	7	8	3	-	2-3	4-6	1500	1	2	54	45	41	Tr	Tr	2.7	
	The Lizard	240	1026.5	+4	WSW	5	b	46	85	8	1	-	0	0	-	1027.0	+4	WSW	5	c	46	97	8	8	7	-	7-8	7-8	1500	0	2	55	44	41	Tr	Tr	6.1	
	Scilly (St. Mary's)	163	1027.2	+12	WSW	5	b	47	75	7	-	-	0	0	-	1027.7	+10	WSW	5	cd	48	65	8	4	2	4-6	7-8	1500	0	3	55	46	41	Tr	Tr	5.4		
	Guernsey	175	1023.9	0	WSW	2	bc	46	92	7	1	-	2-3	2-3	2500	1024.0	+6	WSW	5	b	46	85	7	-	3	1	0	1	-	0	3	53	45	41	Tr	Tr	5.4	
6	Pembroke	142	1024.2	+6	WSW	5	bc	46	85	7	5	-	2-3	2-3	2500	1025.0	+8	WSW	6	c	46	85	7	5	-	-	9	9	2500	1	3	49	45	41	Tr	Tr	5.6	
7	Holyhead	26	1020.9	+6	WSW	6	c	45	85	7	8	-	10	10	2500	1022.9	+18	WSW	5	c	46	85	8	5	-	-	9	9	2500	1	3	53	45	42	Tr	Tr	4.1	
	Chester (Sealand)	16	1020.2	+6	W	4	b	45	75	7	5	-	1	1	2500	1021.6	+14	WSW	5	c	46	85	7	5	-	-	7-8	7-8	4000	1	*	57	45	38	Tr	Tr	5.0	
8	Manchester	70	1019.5	-6	WS	3	z	43	85	6	5	-	2-3	2-3	2500	1020.3	+8	WS	5	z	45	92	6	5	-	-	10	10	800	1	*	54	41	32	Tr	Tr	2.4	
10	Spurn Head	29	1017.0	-2	WSW	3	b	41	85	7	-	-	0	0	-	1017.4	+2	WS	3	d	42	97	4	5	-	-	10	10	800	1	3	46	40	34	Tr	Tr	0.0	
	Catterick	175	1016.3	0	WSW	3	b	42	85	8	5	-	1	1	2500	1018.1	+22	WS	3	cd	48	86	8	5	-	-	9	9	2500	1	*	53	41	34	Tr	Tr	0.2	
	Tynemouth	108	1015.5	-2	W	3	bc	43	85	6	2	-	2-3	2-3	2500	1018.0	+24	W	5	c	45	92	8	8	-	-	9	9	2500	1	2	54	43	38	Tr	Tr	0.4	
11	St. Abbs Head	280	1012.6	+2	WSW	5	cd	43	92	7	8	6	4-6	7-8	2500	1018.0	+40	WSW	4	c	43	97	8	5	4	2	4-6	7-8	2500	1	2	55	41	36	Tr	Tr	5.7	
	Leuchars	36	1012.8	+18	WSW	4	cd	43	85	8	8	-	7-8	7-8	2500	1019.0	+40	WSW	2	bc	45	75	9	7	-	-	2-3	2-3	4000	1	*	54	41	36	Tr	Tr	3.4	
12	Renfrew (Abbots 1)	19	1014.2	+2	WSW	2	bc	46	92	7	5	-	4-6	4-6	1500	1020.5	+40	WSW	3	b	44	85	9	5	-	-	1	1	2500	1	*	52	42	38	Tr	Tr	2.1	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.3	+30	WS	1	bc	41	85	8	5	7	-	2-3	4-6	1500	1	*	51	40	39	Tr	Tr	4.6	
	Point of Ayre	30	1018.1	+6	WSW	5	bc	45	85	8	5	-	4-6	4-6	2500	1020.9	+22	WSW	5	pr	46	97	7	8	-	-	9	9	1500	1	3	52	43	38	Tr	Tr	4.6	
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.2	+24	WSW	3	bc	46	75	8	5	3	5	2-3	4-6	4000	0	3	52	46	44	Tr	Tr	3.1	
13B	Stornoway	80	1014.8	+48	WSW	4	c	43	75	7	5	7	4-6	9	2500	1020.7	+24	WSW	3	pr	41	92	7	5	2	-	3	10	2500	1	1	48	40	38	Tr	Tr	1.3	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.4	+38	WSW	2	bc	38	75	8	4	4	-	1	2-3	4000	1	1	(46)	30	29	Tr	Tr	2.1	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.4	+38	WSW	4	cd	42	85	8	7	3	-	4-6	4-6	2500	1	2	56	41	37	Tr	Tr	3.6	
	Wick	81	1003.9	+28	WSW	4	bc	43	92	7	5	7	4-6	4-6	1500	1017.5	+38	WSW	4	bc	41	85	8	7	8	2-3	4-6	2500	1	2	53	40	37	Tr	Tr	0.5		
16	Lerwick	156	1004.9	+36	WSW	6	c	42	97	8	7	-	7-8	9	800	1012.7	+40	WSW	5																			

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

SECRET

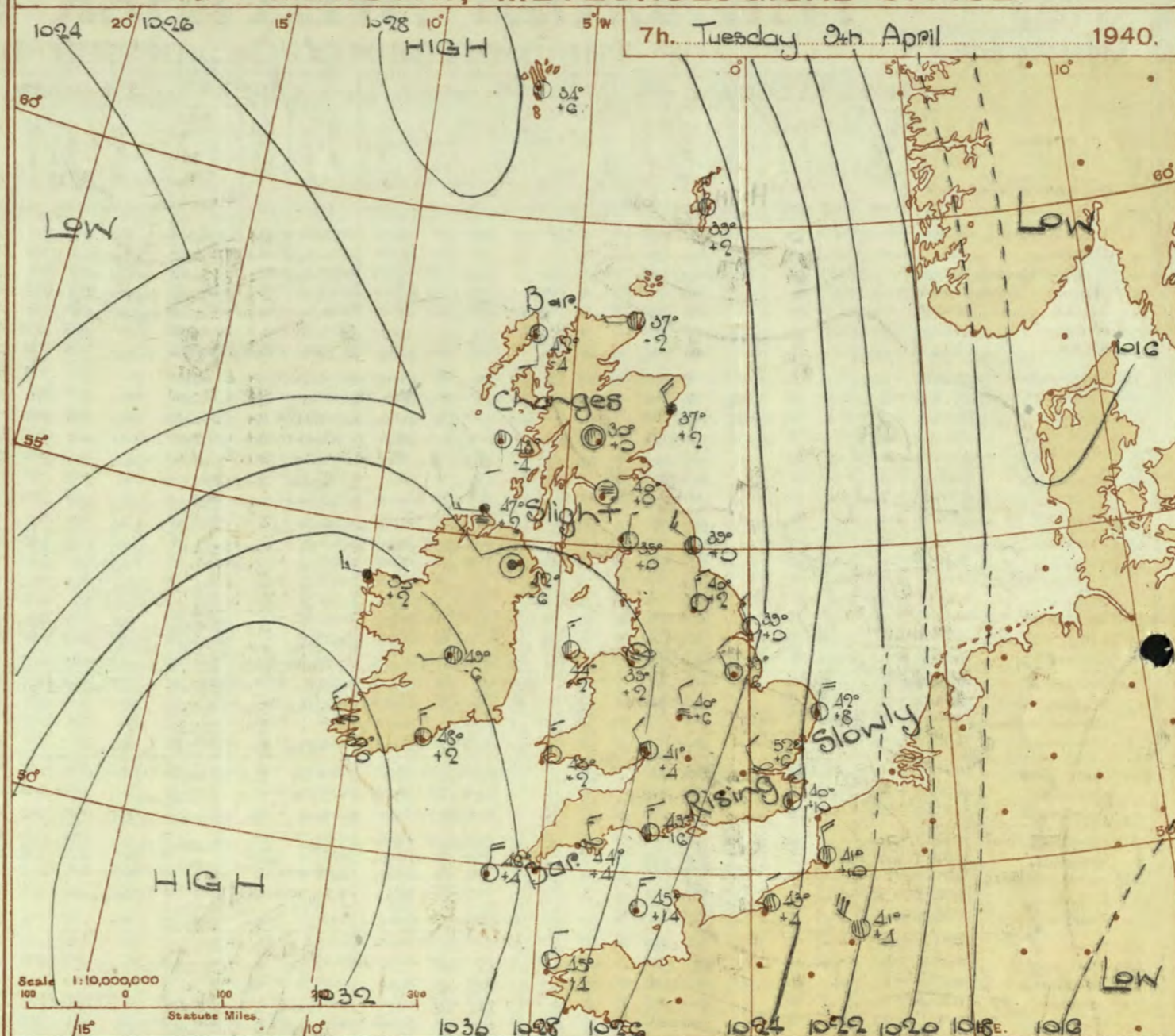
BRITISH SECTION

Tuesday 9th April 1940.

No 28628.

OBSERVATIONS at 13h. G.M.T. 8th April														OBSERVATIONS at 18h. G.M.T. 8th April														PAST 24 HOURS.																	
District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																	
				Dirce. (3)	Force. (4)					Form. (9)	Amount. (10)	Height 0-10 (11)	Total 0-10 (12)										Form. (23)	Amount. (24)	Height 0-10 (25)	Total 0-10 (26)			7h.—13h. 8th (37)	13h.—18h. 8th (38)	18h.—to 1h. 9th (39)	1h.—7h. 9th (40)													
1	London (Kew)...	1021.6	0	NW	3	2	51	75	6	—	10	10	1500	1023.6	+1.6	NNE	3	2	48	75	6	5	—	9	9	2500	1	—	cd	cd	cd	cd													
	Croydon ...	1021.1	+2	NW	4	2	50	73	6	—	10	10	1500	1023.1	+1.4	NNE	3	2	47	75	5	5	3	3	4-6	9	1500	1	—	cd	cd	cd													
	S. Farnborough	1021.8	0	NW	4	2	52	65	7	7	4-6	9	4000	1024.0	+2.4	NW	3	2	47	85	6	5	7	—	4-6	10	4000	1	—	cd	cd	cd													
	Boscombe Down	1022.3	+2	NW	4	2	50	65	7	8	9	10	2500	1024.6	+1.3	NNE	4	2	47	85	6	5	7	—	4-6	9	2500	1	—	cd	cd	cd													
	Calshot (Soton.)	1022.3	0	NW	4	2	51	65	7	7	—	9	9	2500	1023.6	+1.6	NNE	3	2	47	75	6	5	3	1	9	9	2500	1	—	cd	cd	cd												
	Lymington	1020.7	+2	NW	2	2	45	62	6	9	—	10	10	800	1022.0	+1.0	N	5	4	45	75	6	5	—	—	9	9	5700	1	—	cd	cd	cd												
2	Manston	1020.5	+2	NW	3	2	45	62	5	8	—	9	9	450	1022.3	+1.6	NNE	3	2	45	85	6	5	4	3	7-8	9	1500	0	—	cd	cd	cd												
	Shoeburyness	1020.8	+2	NW	2	2	49	65	5	5	—	10	10	1500	1022.7	+1.6	N	2	4	47	75	8	5	3	2	2-3	7-8	5700	1	—	cd	cd	cd												
	Felixstowe	1019.9	+2	NW	2	2	49	65	6	9	—	9	9	800	1022.1	+2.0	N	4	4	47	75	8	2	6	4	4-6	4-6	1500	1	—	cd	cd	cd												
	Gorleston	1019.4	+6	NNE	4	2	52	75	7	8	—	9	9	2500	1021.0	+1.0	N	5	4	45	75	7	5	—	—	4-6	4-6	2500	0	—	cd	cd	cd												
	Mildenhall	1021.1	+1.4	NW	5	2	50	65	7	9	8	7-8	7-8	1500	1023.7	+1.8	N	4	4	44	75	8	3	7	4	2-3	4-6	2500	1	—	cd	cd	cd												
	Cranwell	1021.9	+1.8	N	4	pr	48	65	7	8	7	7-8	8	800	1024.3	+1.4	N	3	4	46	45	9	5	5	4	2-3	7-8	5700	0	—	cd	cd	cd												
3	Birmingham	1023.0	+6	NW	4	2	50	75	8	8	—	9	9	1500	1023.5	+1.4	NW	2	4	45	75	5	—	2	—	10	10	4000	1	—	cd	cd	cd												
	Upper Heyford	1022.3	+2	NW	4	2	51	75	6	8	—	9	9	1500	1024.6	+6	NW	3	4	45	85	7	5	3	6	4-6	9	2500	1	—	cd	cd	cd												
	Ross-on-Wye	1023.3	+4	NW	3	pr	50	75	8	8	—	2	4-6	9	2500	1025.6	+1.2	N	3	4	45	75	6	5	3	7-8	7-8	2500	0	—	cd	cd	cd												
	Hartland Point	1026.2	0	NW	4	2	47	85	8	5	—	9	4-6	7-8	2500	1026.8	+2	NW	4	4	48	75	8	4	4	—	2-3	4-6	2500	0	—	cd	cd	cd											
	Bristol ...	1023.9	-2	NW	3	2	54	65	8	5	3	—	7-8	9	1500	1024.6	+1.4	NW	4	4	49	65	7	3	3	—	4-6	4-6	2500	0	—	cd	cd	cd											
	Portland Bill	1023.5	+6	NW	4	2	50	92	8	5	—	10	10	4000	1023.5	+1.6	NW	4	4	49	92	7	1	4	—	4-6	10	4000	1	—	cd	cd	cd												
5	Plymouth	1026.0	+2	NW	4	2	50	75	8	8	—	10	10	2500	1026.0	+2	NW	4	4	52	65	8	1	4	1	2-3	2-3	2500	1	—	cd	cd	cd												
	The Lizard	1027.2	-4	NW	5	2	50	75	8	8	6	—	7-8	7-8	2500	1027.9	+6	NW	5	4	49	85	8	3	9	—	4-6	4-6	2500	0	—	cd	cd	cd											
	Scilly (St. Mary's)	1028.8	+2	NW	5	2	51	75	8	8	6	—	4-6	9	2500	1029.0	0	NW	4	5	50	75	8	8	7	3	4-6	9	2500	0	—	cd	cd	cd											
	Guernsey	1024.4	+2	NW	3	2	51	75	7	5	1	8	4-6	7-8	4000	1024.5	+2	NW	4	4	49	85	7	—	7	9	0	7-8	—	1	—	cd	cd	cd											
	Pembroke	1027.0	+8	NW	3	2	48	62	7	8	—	9	9	1500	1028.1	+4.6	NNE	4	4	49	92	8	8	6	—	7-8	9	1500	1	—	cd	cd	cd												
	Holyhead	1025.2	+12	NW	5	2	49	65	8	2	4	9	Tr	9	2500	1027.4	+1.0	NW	4	4	46	65	8	8	—	2	2-3	4-6	4000	1	—	cd	cd	cd											
7	Chester (Sealand)	1024.3	+1.4	NW	5	2	49	75	8	2	7	—	4-6	7-8	1500	1026.1	+1.0	NW	4	4	48	75	7	7	4	—	Tr	2-3	2500	0	—	cd	cd	cd											
	Manchester	1023.5	+1.4	NNE	3	2	46	65	6	8	7	—	7-8	9	1500	1024.8	+8	NW	3	4	51	75	6	8	7	—	4-6	7-8	2500	1	—	cd	cd	cd											
	Spurn Head	1021.0	+1.2	NW	6	2	46	65	7	7	4	—	4-6	7-8	1500	1023.7	+4	NW	5	4	44	75	8	—	4	—	0	2-3	—	0	—	cd	cd	cd											
	Catterick	1023.2	+1.4	NNE	3	2	49	75	7	8	7	—	7-8	9	1500	1024.6	+6	—	0	4	46	65	8	5	—	—	9	9	7200	1	—	cd	cd	cd											
	Tynemouth	1022.6	+1.0	NNE	5	2	46	75	8	2	3	—	2-3	4-6	2500	1025.0	+8	NNE	2	4	45	75	8	2	3	—	2-3	4-6	2500	1	—	cd	cd	cd											
	St. Abbs Head	1022.7	+2.0	NW	2	2	45	75	9	8	6	—	4-6	7-8	2500	1024.7	+1.0	N	2	4	43	75	8	8	6	—	7-8	9	2500	0	—	cd	cd	cd											
11	Leuchars	1022.7	+1.2	NW	2	2	50	65	9	8	7	9	4-6	9	4000	1025.3	+2.0	N	2	4	43	92	6	5	3	—	9	10	1500	1	—	cd	cd	cd											
	Renfrew (Abbots L.)	1024.3	+1.6	NW	3	2	49	75	8	8	—	6	7-8	9	2500	1025.5	+1.0	NW	4	4	48	65	9	8	—	Tr	Tr	4000	1	—	cd	cd	cd												
	Esksdalemuir	1022.9	+8	NW	3	2	50	65	8	5	—	6	7-8	7-8	2500	1024.1	+6	NW	4	4	46	65	8	7	1	—	4-6	4-6	2500	1	—	cd	cd	cd											
	Point of Ayre	1025.3	+1.4	NW	5	2	52	65	8	4	6	6	2-3	9	4000	1026.9	+1.0	NW	5	4	47	75	6	4	—	—	4-6	4-6	2500	0	—	cd	cd	cd											
	Tiree	1026.2	+1.4	NW	4	2	48	75	8	8	—	—	4-6	4-6	2500	1028.1	+8	NW	3	4	46	75	8	1	3	—	2-3	2-3	4000	0	—	cd	cd	cd											
	Stornoway	1024.8	+3.2	NW	4	2	44	75	8	3	7	3	4-6	9	2500	1027.3	+6	NW	3	4	45	65	8	5	4	9	4-6	9	4000	1	—	cd	cd	cd											
15	Dalwhinnie	1024.1	+1.6	N	3	2	46	65	7	8	7	—	7-8	10	2500	1025.9	+2.0	NW	2	4	42	75	7	5	2	—	7-8	7-8	4000	1	—	cd	cd	cd											
	Aberdeen	1022.6	+1.4	N	4	2	46	75	8	8	—	—	9	9	2500	1025.1	+1.4	NW	3	4	45	75	7	8	—	—	7-8	7-8	2500	1	—	cd	cd	cd											
	Wick	1022.1	+2.2	NW	5	2	45	65	8	4	6	1	4-6	9	2500	1024.8	+1.4	NW	3	4	41	85	8	9	7	9	4-6	9	800	1	—	cd	cd	cd											
	Lerwick	1017.6	+2.0	NW	6	2	43	75	8	8	7	—	7-8	9	1500	1022.2	+1.4	NW	5	4	40	85	8	8	7	—	7-8	9	1500	1	—	cd	cd	cd											
	Blackod Point	1031.1	+1.0	NW	4	2	51	75	8	2	—	—	4-6	4-6	1500	1032.4	+4	NW	3	4	49	75	8	2	—	—	4-6	4-6	800	0	—	cd	cd	cd											
	Malin Head	1028.1	+3.2	N	4	2	48	75	8	2	—	4	2-3	7-8	5700	1029.7	+1.4	N	4	4	46	75	8	5	—	—	7-8	7-8	5700	0	—	cd	cd	cd											
19	Aldergrove	1027.1	+1.4	NW	4	2	49	75	8	8	—																																		

# AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 9th April, 1940.
1 S.E. England	Moderate to light north wind; bright periods; local showers near East coast; local fog at night; rather cold with frost locally at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Light variable wind; cloudy; occasional light rain; rather cold.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	As 1 - 3.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 4 - 8.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	Light variable wind; bright intervals; local rain; rather cold, frost locally at night.
14 Mid Scotland	Light variable or north wind; bright intervals, local showers; rather cold, frost locally at night.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Light or moderate northwest wind; cloudy; occasional light rain or drizzle; rather mild.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

Pressure is low over Scandinavia and Germany and anticyclones are centred to southwest of the British Isles and over East Greenland. A shallow depression off Northwest Ireland will probably move southeast or south-southeast. There will be occasional light rain in the West, but weather will be fair in the East apart from local showers.

## FURTHER OUTLOOK.

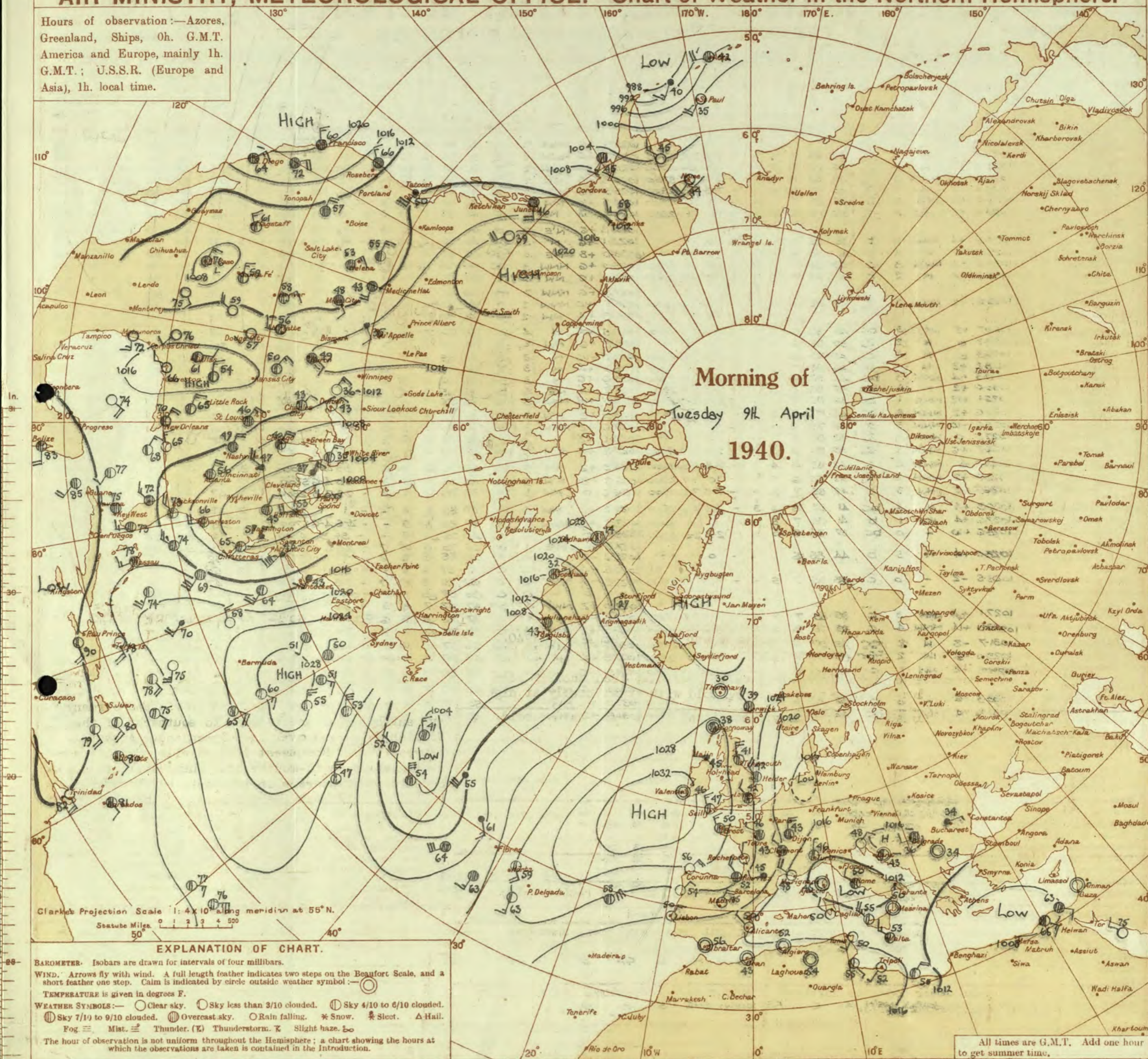
Mainly fair in the East; local rain in the West.

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

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

# 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. 9th April														OBSERVATIONS at 7 hr. G.M.T. 9th April														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.					TEMPERATURE.					RAINFALL.				
					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.	Sunshine 8h.						
																																	Low.	Med.	High	Low	Total	Low
1	London (Kew) ...	18	1024.9	-2	N	2	Z	42	65	5	-	-	-	-	1025.8	+6	N	2	Z	42	65	6	5	-	-	-	-	51	40	28	1	-	1.2					
	Croydon ...	217	1024.9	-2	N	2	Z	42	65	5	-	-	-	-	1025.5	+6	N	2	Z	42	65	6	5	-	-	-	-	51	40	36	0.3	-	4.6					
	S. Farnborough ...	226	1025.9	+2	N	1	Z	36	57	5	-	-	-	-	1025.9	+6	N	2	Z	41	85	6	5	4	-	-	-	54	34	28	Tr	Tr	1.4					
	Boscombe Down ...	417	1026.3	-2	N	2	Z	42	83	6	5	-	-	-	1026.8	+8	N	2	Z	40	92	6	-	-	-	-	0	53	37	34	0.2	-	1.7					
	Calshot (Stmntn.) ...	8	1025.1	-2	N	2	Z	45	85	5	5	-	-	-	1025.9	+6	N	2	Z	43	85	6	-	-	-	-	1	55	40	39	Tr	-	4.0					
	Lymington ...	346	1024.0	+2	N	2	Z	36	85	7	-	-	-	-	1024.5	+10	N	3	Z	40	85	8	5	3	-	-	-	48	35	32	1	-	3.6					
	Manston ...	154	1023.4	-2	N	4	Z	39	85	6	5	-	-	-	1024.2	+6	N	5	Z	41	85	7	8	3	-	-	-	49	38	36	Tr	-	5.0					
2	Shoeburyness ...	11	1023.5	+4	N	3	b	38	92	7	-	-	-	-	1024.8	+6	N	3	b	41	85	8	5	3	-	-	-	54	36	33	0.5	Tr	4.1					
	Felixstowe ...	15	1023.5	+4	N	3	b	38	92	7	-	-	-	-	1024.1	+6	N	3	b	40	92	7	4	-	-	-	-	52	36	33	0.1	-	4.4					
	Gorleston ...	5	1022.6	0	N	4	b	41	75	8	-	-	-	-	1023.0	+8	N	4	b	42	85	6	5	-	-	-	-	52	40	38	Tr	Tr	3.3					
	Mildenhall ...	19	1024.3	-2	N	3	C	39	85	7	5	2	-	-	1025.0	+6	N	3	b	40	85	7	8	7	-	-	-	52	36	29	-	Tr	2.1					
	Cranwell ...	240	1025.3	-2	N	2	C	41	65	7	5	-	-	-	1026.0	+6	N	3	b	39	85	7	-	-	-	-	0	51	37	34	0.1	-	2.7					
3	Birmingham ...	535	1025.6	-2	N	3	Z	42	92	6	5	-	-	-	1027.4	+6	N	2	m	40	85	4	5	-	-	-	-	52	35	36	0.4	1	0.9					
	Upper Heyford ...	408	1025.6	-2	N	3	Z	42	92	6	5	-	-	-	1026.5	+10	N	2	Z	40	85	5	5	3	-	-	-	54	37	34	Tr	-	0.2					
4	Ross-on-Wye ...	223	1025.6	-2	N	3	Z	42	92	6	5	-	-	-	1027.3	+4	N	2	C	41	85	7	5	-	-	-	-	55	37	27	-	-	0.2					
5	Hartland Point ...	299	1028.7	+2	N	3	b	45	85	8	5	-	-	-	1028.5	+4	N	2	C	44	75	8	8	4	-	-	-	48	43	41	-	-	3.9					
	Bristol ...	209	1027.2	0	N	2	Z	39	85	6	-	-	-	-	1027.7	+6	N	2	C	41	85	7	5	-	-	-	-	56	35	28	0.3	-	2.5					
	Portland Bill ...	32	1026.3	0	N	3	C	45	85	8	5	-	-	-	1026.5	-16	N	3	C	43	85	8	5	-	-	-	-	50	42	39	Tr	-	3.6					
	Plymouth ...	82	1028.2	+2	N	3	b	44	85	7	-	-	-	-	1028.3	+4	N	3	Z	44	75	7	-	-	-	-	-	52	42	39	Tr	-	0.9					
	The Lizard ...	240	1029.3	+4	N	3	b	44	92	7	4	-	-	-	1029.6	+6	N	3	b	43	92	8	6	-	-	-	-	54	40	39	Tr	-	0.9					
	Scilly (St. Mary's) ...	163	1030.0	+2	N	3	b	47	85	8	5	-	-	-	1030.2	+4	N	4	b	46	85	8	6	-	-	-	-	53	45	39	Tr	-	2.1					
	Guernsey ...	175	1026.1	+12	N	1	b	46	92	7	1	-	-	-	1026.3	+14	N	3	C	45	75	7	8	-	-	-	-	53	43	36	-	-	6.9					
6	Pembroke ...	142	1029.6	+2	N	3	b	44	97	8	5	-	-	-	1029.5	+2	N	3	b	45	85	8	7	-	-	-	-	53	41	39	Tr	-	1.3					
7	Holyhead ...	26	1028.2	-10	N	5	b	44	75	8	-	-	-	-	1028.6	+2	N	3	b	44	85	8	5	2	-	-	-	50	43	40	Tr	0.1	5.0					
	Chester (Sealand) ...	16	1027.3	0	N	3	Z	43	85	6	-	-	-	-	1028.1	+2	N	3	Z	39	92	5	5	3	-	-	-	51	38	33	-	-	4.1					
8	Manchester ...	70	1026.7	+6	N	2	Z	39	92	6	5	-	-	-	1027.8	+6	N	1	m	34	92	4	-	-	-	-	-	51	31	23	0.5	-	2.3					
10	Spurn Head ...	29	1024.7	0	N	4	C	42	85	6	4	-	-	-	1024.9	+2	N	4	b	40	92	6	3	6	-	-	-	48	39	35	0.1	-	6.4					
	Catterick ...	175	1026.9	+2	N	2	Z	42	85	6	5	-	-	-	1026.9	+2	N	3	b	40	85	7	5	3	-	-	-	49	38	35	0.1	-	0.7					
	Tynemouth ...	108	1026.7	+2	N	3	C	42	85	7	8	-	-	-	1026.6	0	N	3	b	39	85	7	2	4	-	-	-	47	38	34	-	Tr	0.7					
11	St. Abbs Head ...	280	1026.9	+4	N	4	b	41	92	8	4	3	-	-	1026.8	+2	N	3	b	39	85	8	4	-	-	-	-	48	38	35	Tr	-	0.7					
	Leuchars ...	36	1027.6	+4	N	1	b	41	75	7	5	-	-	-	1027.5	+2	N	1	b	37	85	8	5	-	-	-	-	52	34	26	1	0.5	4.8					
12	Renfrew (Abbots I.) ...	19	1028.6	+10	N	0	b	37	85	8	5	-	-	-	1028.1	0	N	0	m	40	75	4	5	-	-	-	-	52	36	28	Tr	-	10.4					
	Eskdalemuir ...	794	1028.0	+4	N	5	b	44	85	8	-	-	-	-	1027.8	0	N	1	b	35	75	8	5	7	-	-	-	52	32	28	-	-	5.4					
	Point of Ayre ...	30	1028.0	+4	N	5	b	44	85	8	-	-	-	-	1028.2	-2	N	1	b	43	85	8	2	-	-	-	-	52	42	39	Tr	-	5.4					
13A	Tiree ...	22	1028.5	-2	N	0	C	38	85	7	5	-	-	-	1028.5	-4	SSE	2	C	43	97	6	5	-	-	-	-	50	42	39	Tr	-	7.9					
13B	Stormcay ...	80	1028.5	-2	N	0	C	38	85	7	5	-	-	-	1027.5	-4	SSE	2	C	42	75	8	5	7	-	-	-	47	37	35	Tr	-	4.2					
15	Dalwhinnie ...	1176	1028.5	-2	N	0	C	38	85	7	5	-	-	-	1027.0	0	N	0	C	30	97	8	5	7	-	-	-	46	26	19	1	0.1	3.3					
	Aberdeen ...	79	1027.1	+4	N	3	C	39	85	7	5	7	-	-	1027.0	-2	N	4	pr	37	97	7	8	3	-	-	-	47	34	31	0.1	Tr	3.0					
	Wick ...	81	1027.1	+4	N	3	C	39	85	7	5	7	-	-	1027.0	-2	N	4	pr	37	97	7	8	3	-	-	-	47	34	31	0.1	Tr	3.0					
16	Lerwick ...	156	1025.8	+14	N	4	C	39	75	8	7	-	-	-	1026.5	+2	N	3	C	39	75	8	5	7	-	-	-	45	36	30	0.4	Tr	5.1					
17	Blackod Point ...	18	1031.7	-8	N	2	b	49	97	6	6	-	-	-	1030.6	+2	N	3	DD	50	97	5	6	-	-	-	-	52	46	39	Tr	-	5.7					
18	Malin Head ...	84	102																																			

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

SECRET

BRITISH SECTION

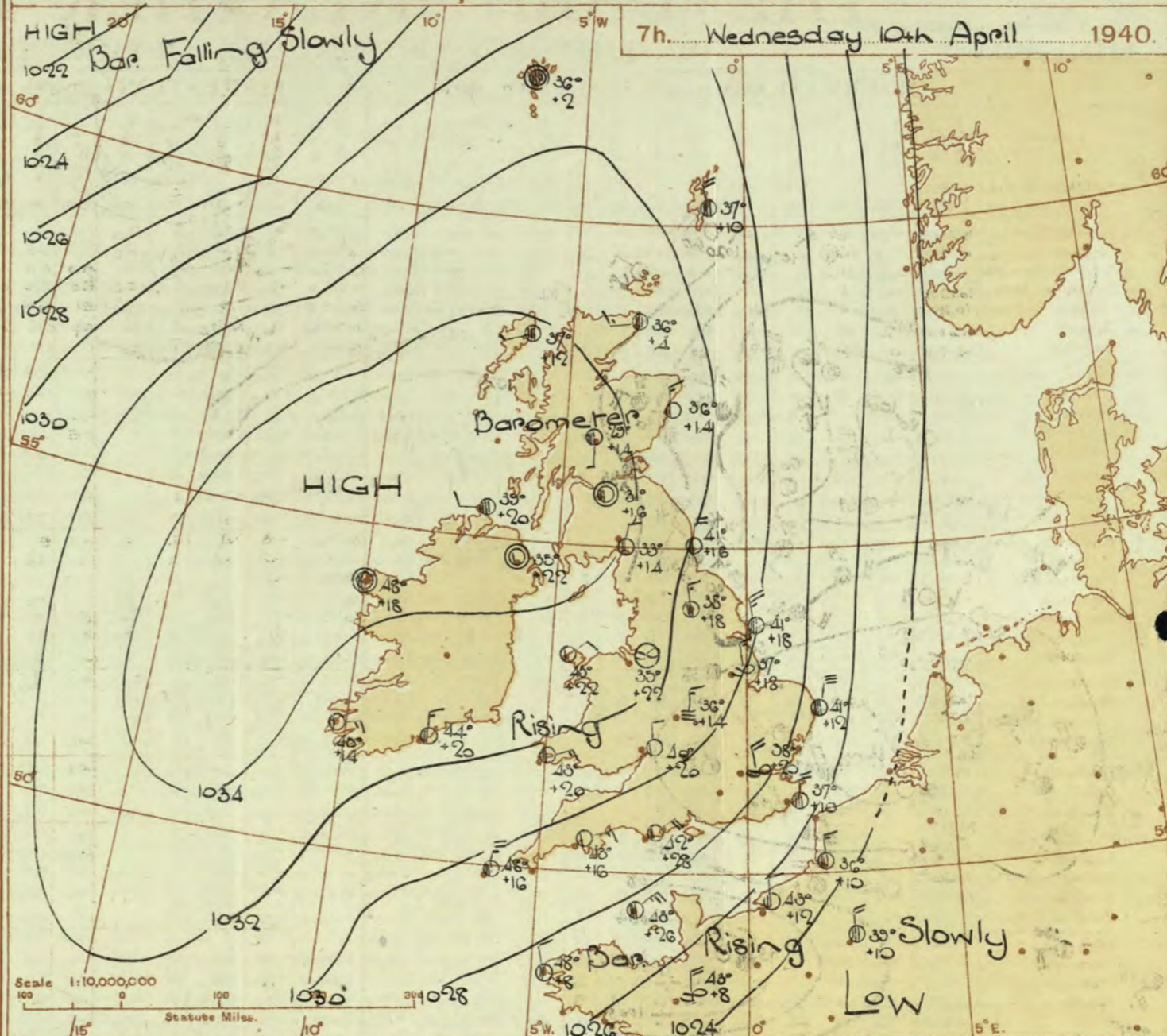
Wednesday 10th April 1940.

No. 28623.

OBSERVATIONS at 13h. G.M.T. 9th April														OBSERVATIONS at 18h. G.M.T. 9th April														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-6 (29)	Sea. 0-9 (30)	WEATHER.					
				Direc. (3)	Force. 0-12 (4)					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. 9th (37)	13h.—18h. 9th (38)	18h.—to 10th (39)	1h.—7h. 10th (40)
1	London (Kew)...	1025.5	-0	N	4	20	49	45	6	7	-	9	9	2500	1024.9	-0	N	2	20	48	45	6	5	-	9	9	4000	1	*	czcy	czcy	czcy	cmjv		
	Croydon ...	1025.4	-4	NNW	4	20	49	45	6	2	6	-	7-8	7-8	4000	1024.6	-2	NNE	2	20	47	55	6	4	3	-	2-3	9	4000	1	*	czcy	czcy	cmjv	
	S. Farnborough	1026.1	-4	NW	4	20	49	45	8	8	-	-	7-8	7-8	4000	1025.0	-6	N	2	49	55	6	8	-	-	9	9	4000	1	*	cmjv	cmjv	cmjv	cmjv	
	Boscombe Down	1025.9	-10	N	4	20	51	45	7	2	0	-	4-6	7-8	2500	1025.0	-8	NW	2	50	55	6	8	-	-	9	9	2500	0	*	cmjv	cmjv	cmjv	cmjv	
	Calshot (Soton.)	1025.9	-6	N	4	20	53	45	7	1	-	-	4-6	4-6	4000	1024.8	-4	N	1	51	65	6	5	-	-	9	9	4000	1	1	bmjv	bmjv	bmjv	bmjv	
	Lympne	1024.6	+2	N	4	20	45	55	8	8	-	-	9	9	2500	1024.5	0	NNE	2	43	65	8	4	-	-	7-8	7-8	4000	1	51	bmjv	bmjv	bmjv	bmjv	
	Manston	1024.5	0	NNE	4	20	48	55	8	8	-	-	9	9	2500	1024.6	+4	NNE	2	43	75	7	8	-	-	9	9	2500	0	*	bmjv	bmjv	bmjv	bmjv	
2	Shoeburyness	1025.1	-4	N	2	20	48	55	8	8	-	-	7-8	7-8	4000	1024.8	+2	N	2	46	55	8	7	-	-	7-8	7-8	4000	1	*	bmjv	bmjv	bmjv	bmjv	
	Felixstowe	1024.3	-2	N	4	pr	50	75	8	8	-	-	9	9	1500	1024.1	+2	N	2	44	65	8	8	4	-	7-8	7-8	2500	1	1	bmjv	bmjv	bmjv	bmjv	
	Gorleston	1023.7	0	NSE	5	pr	45	75	7	8	-	-	7-8	7-8	2500	1024.1	+2	NNE	4	45	75	7	8	4	-	4-6	7-8	2500	1	2	bmjv	bmjv	bmjv	bmjv	
	Mildenhall	1024.0	-10	N	5	20	48	55	8	7	-	-	7-8	7-8	4000	1024.3	+2	N	4	46	65	8	8	7	-	4-6	7-8	4000	1	*	bmjv	bmjv	bmjv	bmjv	
	Cranwell	1026.0	-2	NW	3	20	47	55	7	8	3	-	7-8	7-8	2500	1025.3	0	NNE	3	44	65	8	5	-	-	9	9	2500	0	*	bmjv	bmjv	bmjv	bmjv	
3	Birmingham	1026.3	-8	NNW	3	20	48	55	6	7	-	-	4-6	4-6	2500	1025.3	-4	NNW	3	48	65	6	5	-	-	9	9	2500	1	*	bmjv	bmjv	bmjv	bmjv	
4	Upper Heyford	1025.8	-10	NW	3	20	49	55	6	8	-	-	7-8	7-8	2500	1025.2	-2	NNE	1	47	55	6	5	2	-	7-8	7-8	4000	1	*	bmjv	bmjv	bmjv	bmjv	
	Ross-on-Wye	1026.5	-8	NNW	3	20	51	55	7	3	-	-	9	9	2500	1025.2	-6	NNW	3	50	75	8	5	-	-	10	10	2500	0	*	bmjv	bmjv	bmjv	bmjv	
5	Hartland Point	1026.6	-10	NW	3	20	48	55	7	3	2	-	7-8	7-8	800	1025.3	-8	N	2	46	57	6	5	-	-	10	10	800	1	2	bmjv	bmjv	bmjv	bmjv	
	Bristol ...	1026.9	-8	NW	2	20	51	55	7	3	-	-	4-6	7-8	2500	1025.6	-4	N	2	50	65	7	5	-	-	9	9	2500	0	*	bmjv	bmjv	bmjv	bmjv	
	Portland Bill	1026.3	-4	NW	3	20	49	55	8	2	-	-	9	9	4000	1025.3	-24	N	3	47	55	8	5	-	-	7-8	7-8	4000	1	3	bmjv	bmjv	bmjv	bmjv	
	Plymouth	1027.3	-6	NW	4	20	51	65	8	7	4	-	4-6	7-8	2500	1026.7	-4	NW	4	49	75	8	8	7	2	7-8	7-8	2500	1	2	bmjv	bmjv	bmjv	bmjv	
	The Lizard	1026.6	-4	N	4	20	53	65	8	8	6	-	4-6	4-6	2500	1026.2	-4	NW	4	50	92	8	8	6	-	7-8	7-8	2500	0	2	bmjv	bmjv	bmjv	bmjv	
	Scilly (St. Mary's)	1026.0	-2	NW	2	20	54	75	8	8	4	3	2-3	7-8	2500	1026.6	-12	NW	4	52	85	8	5	3	-	2-3	4-6	1500	0	2	bmjv	bmjv	bmjv	bmjv	
	Guernsey	1026.6	0	NW	3	20	48	75	7	1	3	-	2-3	2-3	2500	1026.0	-2	NW	1	48	75	7	5	-	-	0	9	-	1	3	bmjv	bmjv	bmjv	bmjv	
6	Pembroke	1028.5	-6	NW	3	20	48	92	7	8	6	-	7-8	9	2500	1027.2	-8	NW	2	49	97	8	8	7	-	4-6	9	1500	1	1	bmjv	bmjv	bmjv	bmjv	
7	Holyhead	1027.8	-8	NNW	2	20	46	85	8	5	2	-	9	10	2500	1026.7	+2	NNW	1	47	85	7	5	-	-	9	9	2500	1	1	bmjv	bmjv	bmjv	bmjv	
	Chester (Sealand)	1027.2	-6	NW	4	20	48	65	7	8	-	6	2-3	2-3	4000	1026.3	-6	NW	3	44	92	6	9	7	-	9	9	1500	1	*	bmjv	bmjv	bmjv	bmjv	
8	Manchester	1026.6	-10	NNW	3	20	52	55	7	5	-	-	7-8	7-8	4000	1025.6	-2	NW	3	45	85	7	5	3	-	7-8	9	4000	1	*	bmjv	bmjv	bmjv	bmjv	
10	Spurn Head	1025.1	-2	NNW	6	20	47	65	7	2	-	-	7-8	7-8	1500	1025.0	0	N	5	42	85	7	-	3	-	0	9	-	0	4	c	c	c	c	
	Catterick	1026.2	-8	E'N	2	20	48	65	7	5	-	-	7-8	7-8	2500	1026.9	+10	NE	2	42	75	7	5	7	-	9	10	1000	1	1	bmjv	bmjv	bmjv	bmjv	
	Tynemouth	1027.3	-2	NNE	4	20	42	85	8	2	3	-	2-3	4-6	2500	1027.4	+6	NNE	3	42	92	8	8	-	-	9	9	2500	1	2	bmjv	bmjv	bmjv	bmjv	
11	St. Abbs Head	1027.6	-2	NNW	3	20	42	85	8	7	6	-	4-6	7-8	2500	1028.2	+8	N	1	41	92	8	8	6	-	7-8	9	2500	0	2	bmjv	bmjv	bmjv	bmjv	
	Leuchars	1026.8	-2	SE	3	20	48	85	8	7	7	-	7-8	9	1000	1027.7	+10	E	2	43	65	8	4	-	-	9	9	4000	1	*	bmjv	bmjv	bmjv	bmjv	
12	Renfrew (Abbots L.)	1026.7	-12	WSW	2	20	49	75	6	5	7	-	9	10	4000	1027.0	+8	SE	2	45	85	5	3	3	-	4-6	7-8	1500	1	*	bmjv	bmjv	bmjv	bmjv	
	Eskdalemuir	1025.5	-12	NW	1	20	49	55	8	5	-	-	9	9	2500	1026.6	+10	NE	3	42	65	7	5	-	-	10	10	1500	1	*	bmjv	bmjv	bmjv	bmjv	
	Point of Ayre	1027.4	-6	NNW	3	20	47	85	7	8	1	-	9	10	2500	1026.4	-4	NW	3	48	85	7	5	-	-	7-8	9	1500	1	2	bmjv	bmjv	bmjv	bmjv	
13A	Tiree	1026.6	0	NNW	3	20	50	75	8	5	3	-	4-6	7-8	4000	1027.9	+12	NSE	3	45	85	8	2	4	5	2-3	2-3	4000	0	3	c	c	c	c	
13B	Stornoway	1027.7	+2	SSW	1	20	45	65	9	5	5	-	4-6	7-8	2500	1028.5	+12	NE	3	44	75	8	2	4	4	1	2-3	4000	1	2	c	c	c	c	
15	Dalwhinnie	*	-4	-	0	20	44	65	7	5	-	-	10	10	2500	1028.2	+10	NE	3	42	97	8	4	6	-	2-3	4-6	4000	0	*	c	c	c	c	
	Aberdeen	1027.0	-2	NE	3	20	44	65	8	8	-	-	9	9	2500	1027.8	+8	NW	3	43	65	8	8	-	-	4-6	4-6	2500	1	1	c	c	c	c	
	Wick	1026.9	-2	N	2	20	43	65	8	8	6	8	7-8	9	1500	1028.1	+8	NNW	4	43	65	8	8	4	1	4-6	4-6	1500	1	1	c	c	c	c	
16	Lerwick	1026.1	-2	NNE	3	20	40	65	8	8	7	-	7-8	9	1500	1027.7	+6	NE	4	40	75	8	8	7	-	4-6	7-8	1500	1	*	c	c	c	c	
17	Blacksod Point...	1030.5	0	NNW	2	DD	51	97	5	6	-	-	10	10	4150	1031.2	+2	NNW	2	51	97	7	8	-	-	10	10	4150	1	2	D	c	c		

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 10th April 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 10th April, 1940.
1 S.E. England	Moderate north to northeast wind, fresh to strong locally on coasts; bright intervals, local showers of rain or hail, particularly near coasts; rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Light to moderate north to northeast wind; fair; rather cold, frost at night.
5 S.W. England	
6 South Wales ...	Moderate northeast wind, fresh on coasts; fair; rather cold, frost at night.
7 North Wales ...	
8 N.W. England	As 4.
9 N. Midlands ...	
10 N.E. England	Light to moderate north wind, backing northwest; mainly fair; local showers, rather cold, frost at night.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light variable or northwest wind; fair; rather cold, frost at night.
13 { A.W. Scotld. B.N.W. Scot- land.	Light northwest wind becoming west, moderate; fair at first, occasional rain locally later; becoming milder.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 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 large anticyclone centred off Northwest Ireland is increasing in intensity and moving slowly south-southeast. Weather will be fair in the West but there will be local showers of rain or hail in eastern districts but also bright intervals. Weather will be fair at first in the North but rain is likely later in North Scotland.

## FURTHER OUTLOOK.

Mainly dry apart from local showers in the Southeast and local rain in North Scotland.

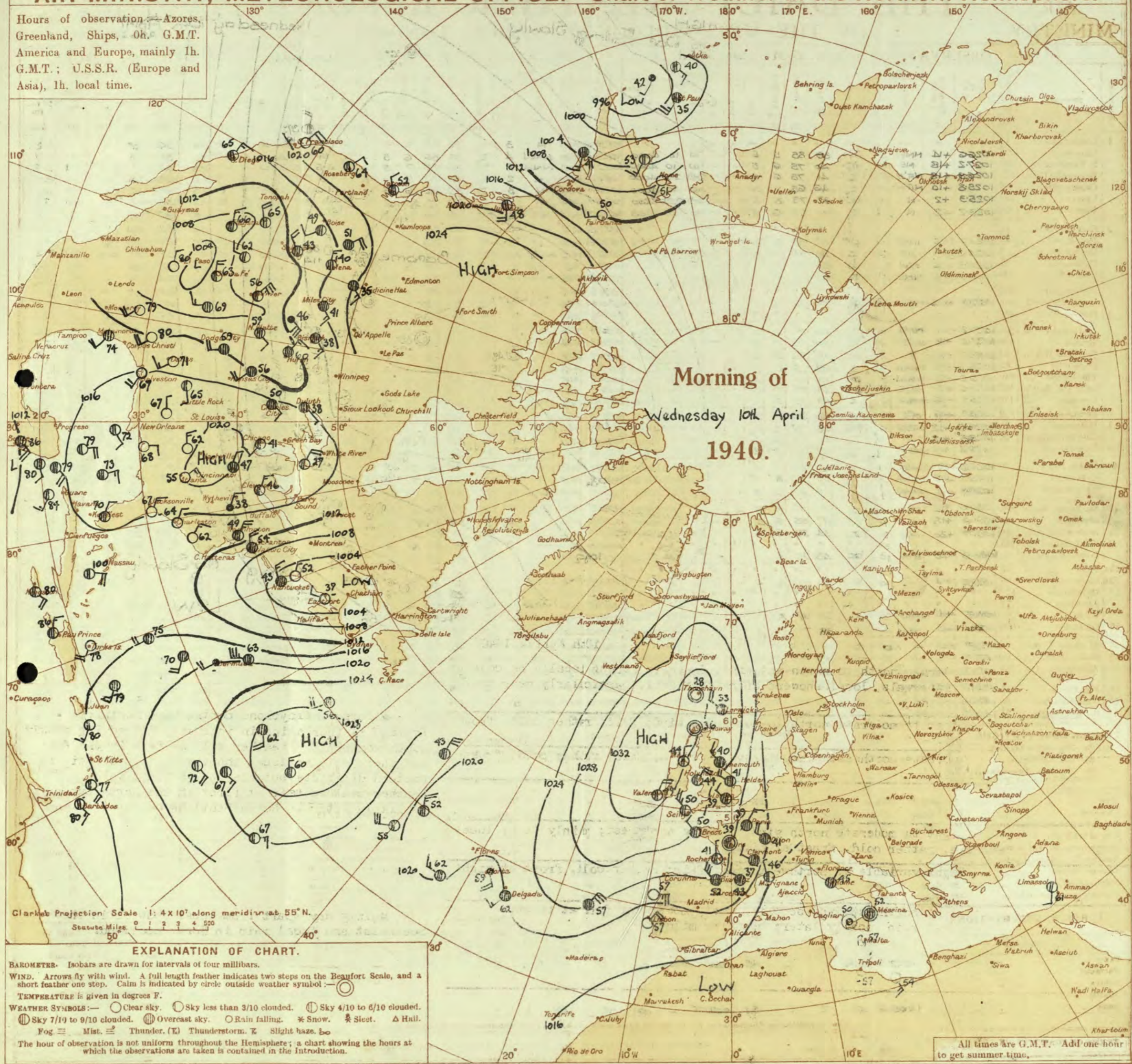
Forecasts issued at 1030 G.M.T.

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

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

# 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. 10th April															OBSERVATIONS at 7 hr. G.M.T. 10th April															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE 9th 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	0-9	0-10		0-10	0-10	0-9	0-9
1	London (Kew)	18	1026.6	+1.4	Z	2	bc	39	85	5	-	-	10	10	4000	1029.0	+1.8	Z	3	Z	38	85	6	5	-	9	9	4000	1	*	50	36	28	-	-	4.8			
	Croydon	217	1027.2	+1.8	Z	2	bc	40	75	6	5	-	10	10	4000	1028.7	+2.0	Z	4	Z	38	85	6	5	-	9	9	4000	1	*	50	37	23	-	-	4.7			
	S. Farnborough	226	1027.2	+1.8	Z	2	bc	40	75	6	5	-	10	10	4000	1029.3	+1.8	Z	3	bc	36	85	7	5	-	4-6	4-6	5700	1	*	53	34	31	-	-	5.2			
	Boscombe Down	417	1026.9	+1.8	Z	2	bc	41	75	6	5	-	10	10	4000	1030.5	+3.0	Z	2	Z	34	92	6	5	-	0	2-3	-	0	*	52	33	30	-	-	5.3			
	Calshot (Stmntn.)	8	1025.8	+1.0	Z	4	bc	46	65	5	5	-	10	10	4000	1029.1	+2.2	Z	3	Z	35	85	6	5	-	4-6	4-6	5700	1	*	55	38	35	-	-	5.2			
	Lympe	346	1025.3	+2	Z	2	bc	37	75	6	5	-	2-3	2-3	7200	1026.7	+1.0	Z	4	C	37	75	8	2	-	9	9	2500	1	*	47	34	32	-	-	5.3			
	Manston	154	1025.2	+2	Z	4	Z	40	75	6	5	-	10	10	1500	1026.7	+1.4	Z	5	bc	38	85	8	5	3	-	4-6	4-6	1500	0	*	49	35	33	-	-	7.5		
2	Shoeburyness	11														1027.3	+1.6	Z	3	C	40	75	8	5	3	-	4-6	7-8	2500	1	*	52	34	28	-	-	5.5		
	Felixstowe	15	1025.7	+6	Z	4	pr	39	85	6	8	-	9+	9+	1500	1026.8	+1.0	Z	3	C	35	85	8	8	-	1	1	2500	1	*	49	36	33	-	-	4.1			
	Gorleston	5	1024.6	0	Z	4	C	40	75	7	8	-	7-8	7-8	2600	1026.2	+1.2	Z	6	C	41	65	7	8	-	7-8	7-8	2500	1	*	46	37	35	0.2	-	7.6			
	Mildenhall	19	1026.3	+4	Z	3	b	35	92	7	-	-	0	0	-	1027.1	+6	Z	3	C	39	85	8	8	-	7-8	7-8	5700	1	*	51	34	30	-	-	5.3			
	Cranwell	240	1027.4	+6	Z	2	bc	35	85	7	-	-	0	0	-	1029.3	+8	Z	3	Z	37	85	6	5	-	7-8	9	2500	0	*	50	34	29	-	-	6.9			
3	Birmingham	535														1031.3	+1.4	Z	3	Z	36	85	4	5	-	9	9	2500	1	*	51	34	29	-	-	3.9			
	Upper Heyford	408	1027.3	+1.4	Z	3	Z	38	92	6	5	-	10	10	4000	1030.0	+2.0	Z	2	Z	34	92	5	5	-	9+	9+	4000	1	*	51	32	28	-	-	*			
4	Ross-on-Wye	223														1031.4	+2.0	Z	2	Z	40	75	7	5	-	1	1	4000	1	*	53	37	29	-	-	4.4			
5	Hartland Point	299	1027.2	+4	Z	3	C	46	92	8	5	2	-	4-6	7-8	2500	1030.2	+2.6	Z	4	C	47	85	7	5	4	-	4-6	7-8	2500	0	2	46	42	41	0.3	-	0.4	
	Bristol	209	1027.2	+1.0	Z	3	Z	44	85	6	5	-	10	10	2500	1031.2	+2.4	Z	3	Z	39	85	6	-	4	-	0	Tr	-	0	*	54	38	32	-	-	6.2		
	Portland Bill	32	1025.2	-1.2	Z	3	bc	45	92	8	5	-	4-6	4-6	4000	1029.7	+2.8	Z	4	bc	42	85	8	1	-	4-6	4-6	4000	1	3	51	40	*	-	-	*			
	Plymouth	82	1026.6	-2	Z	3	Z	49	85	6	5	-	4-6	4-6	2500	1029.7	+1.6	Z	3	b	43	75	8	5	4	1	1	4000	0	1	51	43	35	-	-	9.3			
	The Lizard	240	1026.6	-2	Z	3	bc	48	97	7	8	6	-	4-6	4-6	2500	1029.7	+1.4	Z	3	bc	44	92	8	8	-	4-6	4-6	2500	0	2	53	43	*	-	-	7.7		
	Scilly (St. Mary's)	163	1028.0	+2	Z	3	bc	50	97	7	8	-	4-6	4-6	2500	1029.8	+6	Z	5	C	48	75	8	7	4	-	4-6	7-8	2500	0	2	54	47	*	-	-	7.5		
	Guernsey	175	1026.1	-6	Z	3	C	47	92	7	1	1	-	4-6	9	2500	1027.4	+2.6	Z	5	C	43	85	8	2	-	7-8	10	800	1	3	51	43	41	-	-	6.9		
6	Pembroke	142	1028.1	+6	Z	3	C	46	92	8	8	-	9	9	1500	1031.4	+2.0	Z	3	bc	43	92	7	5	4	-	2-3	2-3	2500	1	1	50	42	*	-	-	8.2		
7	Holyhead	26	1028.9	+1.2	Z	4	bc	44	92	8	2	-	4-6	4-6	2500	1033.3	+2.2	Z	2	C	43	85	8	1	3	-	Tr	Tr	2500	1	2	49	41	37	Tr	-	0.9		
	Chester (Sealand)	16	1029.5	+1.8	Z	0	Z	41	75	6	5	-	10	10	2500	1033.0	+2.2	-	0	C	35	85	6	-	3	6	0	1	-	1	*	50	32	27	Tr	0.1	6.6		
8	Manchester	70	1029.4	+1.4	Z	2	Z	37	85	6	5	-	1	1	2500	1031.8	+1.2	Z	2	m	35	85	4	5	3	-	Tr	2-3	2500	1	*	53	30	19	-	-	4.9		
10	Spurn Head	29	1026.8	+2	Z	4	C	41	85	6	4	-	7-8	7-8	800	1029.2	+1.8	Z	5	C	41	65	6	5	-	9	9	800	0	4	47	41	*	-	-	8.4			
	Catterick	175	1029.5	+1.0	Z	2	Z	37	85	6	5	-	4-6	4-6	4000	1032.2	+1.8	Z	3	C	38	92	7	8	3	1	2-3	7-8	2500	1	*	46	35	31	Tr	0.1	5.3		
	Tynemouth	108	1029.8	+6	Z	3	0	40	85	7	5	-	10	10	1500	1031.7	+1.6	Z	4	bc	41	92	8	2	3	-	2-3	4-6	2500	1	2	45	40	35	-	-	*		
11	St. Abbs Head	280	1030.0	+1.2	Z	4	C	40	92	8	5	2	-	9	10	1500	1032.8	+2.0	Z	4	bc	39	92	8	2	4	-	2-3	2-3	2500	0	3	44	38	*	-	-	*	
	Leuchars	36	1031.4	+1.8	Z	0	C	37	85	8	5	-	1	1	4000	1033.9	+1.0	-	0	C	36	75	9	-	-	9	0	Tr	-	1	*	50	33	22	-	-	4.5		
12	Renfrew (Abbots I.)	19	1031.7	+2.0	Z	1	Z	34	92	5	5	-	Tr	Tr	4000	1034.7	+1.6	-	0	bc	31	97	7	-	-	6	0	2-3	-	1	*	49	28	20	0.5	-	1.4		
	Eskdalemuir	794														1034.0	+1.4	Z	2	bc	33	85	8	5	-	6	1	2-3	4000	3	*	49	28	22	-	-	2.5		
	Point of Ayre	30	1030.3	+2.0	Z	3	bc	43	75	8	5	-	2-3	2-3	2500	1033.8	+2.0	E	2	b	41	75	8	-	-	5	0	Tr	-	1	2	50	40	*	0.1	0.1	1.1		
13A	Tiree	22																																					
13B	Stormcay	80	1032.5	+1.4	-	0	b	36	92	8	-	-	0	0	-	1033.9	+1.2	W	1	C	37	92	8	-	5	9	0	9	-	1	1	47	34	*	Tr	-	5.8		
15	Dalwhinnie	1176																																					
	Aberdeen	79																																					

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Thursday 11th April, 1940.  
No 28630....

[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.  
p, precipitation within sight of station.  
ks, storm of drifting snow.  
k/s, slight storm of drifting snow (generally low).  
k/S, heavy storm of drifting snow (generally low).  
s<sub>o</sub>/k, slight storm of drifting snow (generally high).  
S/k, heavy storm of drifting snow (generally high).  
KQ, line squall. l, lightning.  
o, overcast sky. p, passing showers.

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

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

rr, continuous rain.

<, less than (for cloud height). ↘gale.  
☉ Solar halo. ☾ Lunar halo. ☀ Aurora.

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

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

COLUMN 29 — STATE OF GROUND.

0 ..	Ground dry.
1 ..	" wet.
2 ..	" flood
3 ..	" froze
4 ..	" part
5 ..	" cover
6 ..	" cover

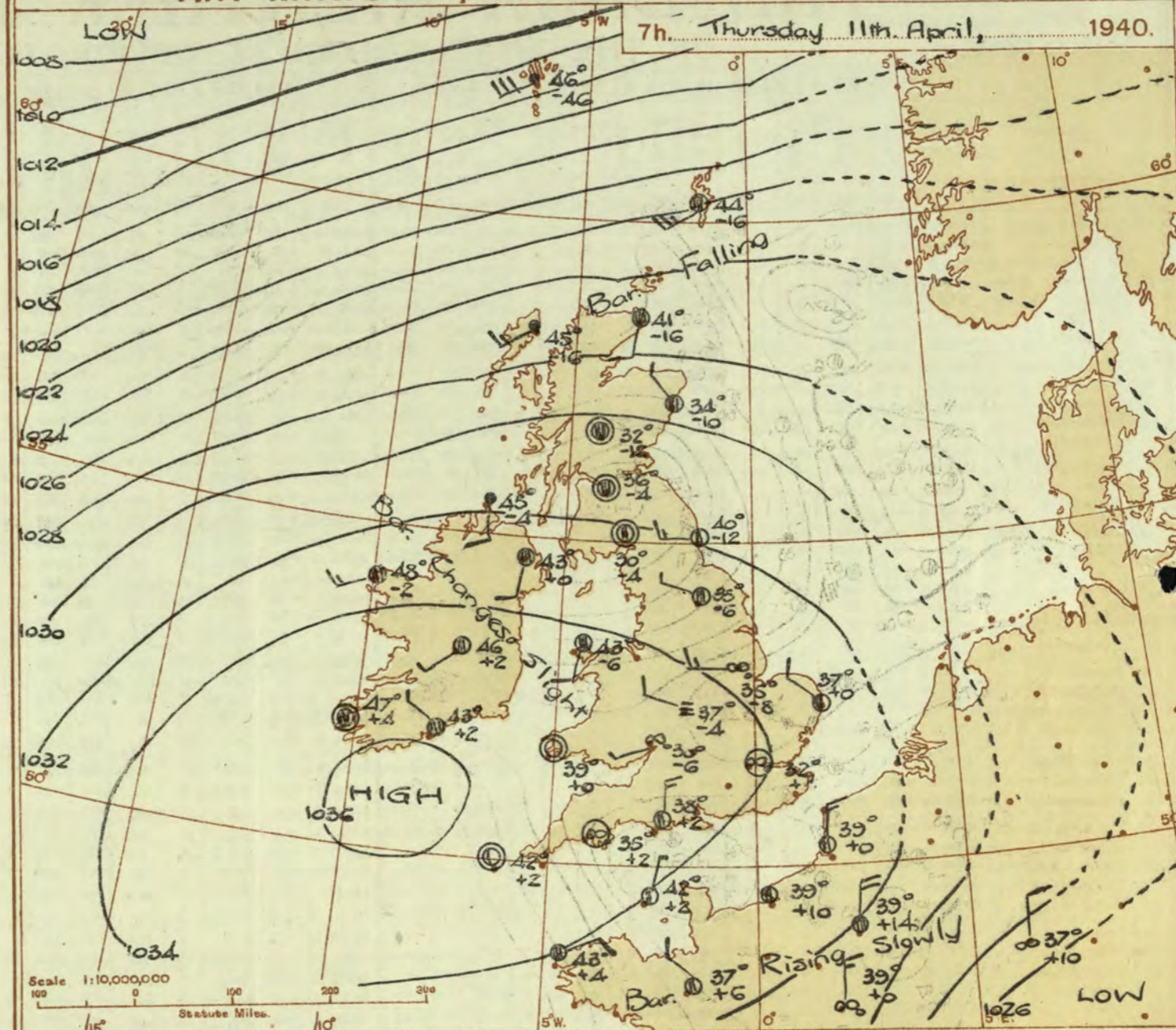
7 .. Ground covered with snow, less than 6 ins., deep but ground not frozen.  
8 .. " covered with snow, less than 6 ins., but ground frozen.  
ail. 9 .. " covered with snow greater than 6 ins. deep.  
t. - .. Fresh snow has fallen in the mountains,

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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. 11th April, 1940.
1 S.E. England	Light or moderate west to southwest wind; fine at first, cloud increasing later; average day temperature, slight frost locally tonight.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Moderate southwest to west wind; fresh locally later; mainly cloudy, slight rain locally; average temperature.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Moderate or fresh southwest to west wind, strong locally on coasts; mainly cloudy, occasional rain; rather mild.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Wind southwest to west, strong to gale; some rain; average temperature.
14 Mid Scotland	
15 N. E. Scotland	As 7 - 12.
16 Orkneys and Shetlands	
17 N. W. Ireland	Light or moderate southwest wind; fair; 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 large anticyclone centred just south of Ireland is moving slowly southwest and a deep depression over Iceland is moving east. Weather will be fair or fine in the Southern half of Great Britain, but there will be occasional light rain in Scotland and North England.

## FURTHER OUTLOOK.

Mainly fair in the South; unsettled in the North.

## GALE WARNING.

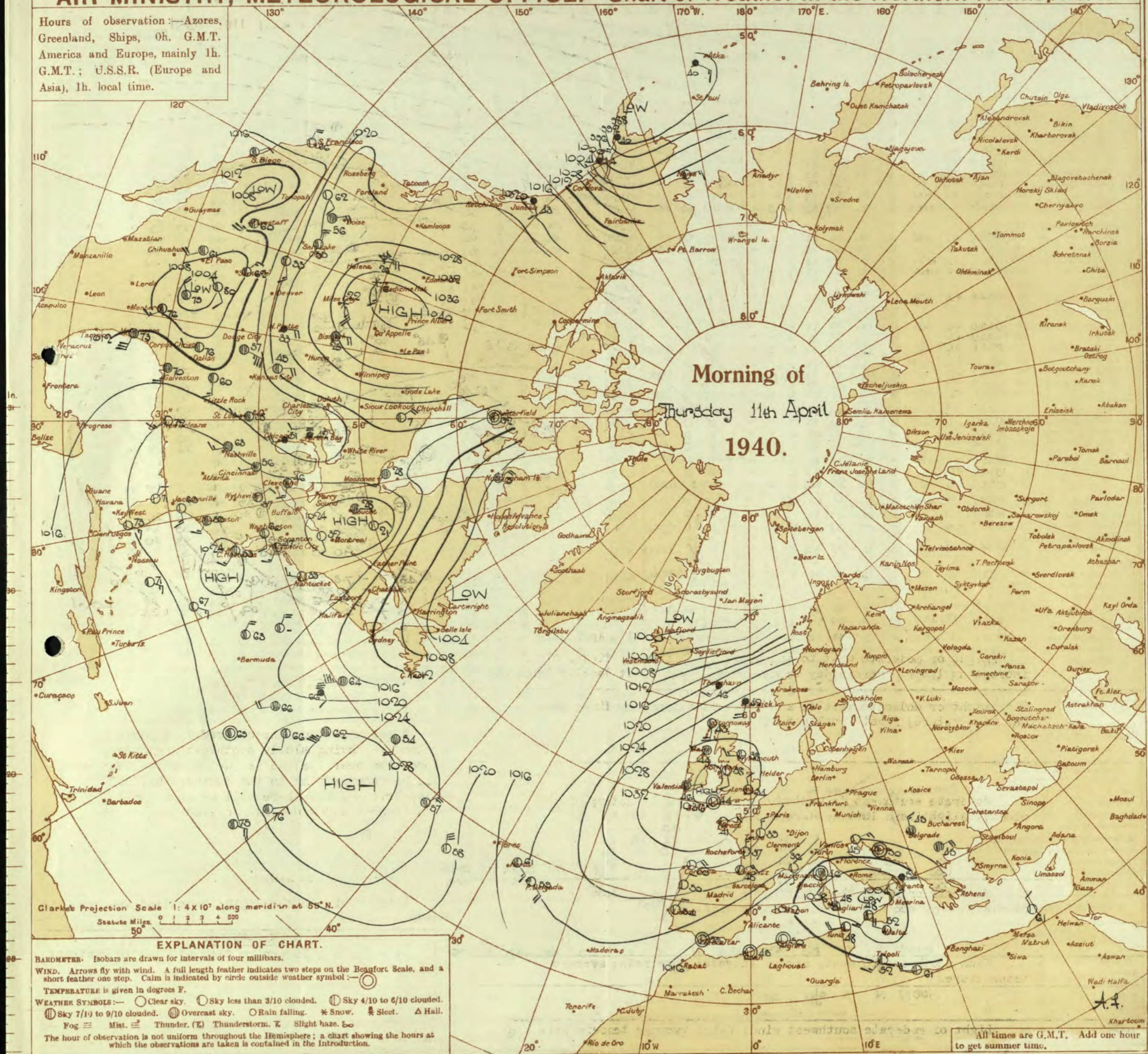
Gale Warning Issued on 11th at 0740 in district 16 (part of).

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

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

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DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE 10th Hrs.			
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																0-12	0-10		0-10	0-10	0-9
1	London (Kew) ... 18	1034.1	+2	2	z	34	32	5	-	-	-	-	1034.4	+2	WNW	1	z	35	85	5	-	-	-	-	1	46	31	16	0.5	Tr	1.6						
	Croydon ... 217	1034.1	+2	2	z	34	32	5	-	-	-	-	1034.3	+4	0	0	z	32	92	5	-	-	-	-	1	45	28	20	-	-	1.4						
	S. Farnborough ... 226	1034.8	+4	2	b	30	83	7	-	-	-	-	1034.9	+2	SWW	1	b	29	97	6	-	-	-	-	3	47	26	19	-	-	2.5						
	Boscombe Down ... 417	1035.5	+10	2	z	31	85	6	-	-	-	-	1035.3	+2	0	0	z	30	83	6	-	-	-	-	1	47	27	20	-	-	5.2						
	Calshot (Stmntn.) ... 8	1034.1	+6	2	z	38	75	6	-	-	-	-	1034.3	+2	NW	2	z	35	85	6	-	-	-	-	1	47	32	29	-	-	4.7						
	Lympe ... 346	1033.2	+8	3	b	37	75	8	-	-	-	-	1033.4	+4	NE	3	bc	36	85	7	-	-	-	-	1	43	33	31	0.2	Tr	1.6						
	Manston ... 154	1033.0	+2	3	z	37	85	6	-	-	-	-	1033.3	+4	N	3	c	39	85	7	-	-	-	-	9	48	33	31	-	-	2.0						
2	Shoeburyness ... 11	1033.6	+2	2	b	34	85	7	-	-	-	-	1034.0	+2	NW	1	b	35	85	8	-	-	-	-	1	46	29	23	-	-	3.1						
	Felixstowe ... 15	1032.9	0	2	bc	36	75	8	-	-	-	-	1033.0	+2	NW	2	z	35	92	6	-	-	-	-	1	45	32	29	-	-	4.0						
	Gorleston ... 5	1032.9	0	2	b	29	92	7	-	-	-	-	1032.7	0	NW	2	bc	37	92	6	-	-	-	-	2	45	35	34	-	-	6.1						
	Mildenhall ... 19	1034.0	-2	2	b	29	92	7	-	-	-	-	1033.7	0	SW	1	z	31	92	6	-	-	-	-	1	47	20	20	-	-	5.8						
	Cranwell ... 240	1034.4	+2	2	b	32	85	7	-	-	-	-	1032.7	-8	W	3	z	35	85	5	-	-	-	-	3	47	30	27	-	-	4.2						
3	Birmingham ... 535	1034.8	+2	1	b	32	92	7	-	-	-	-	1084.2	-4	WNW	2	bc	37	85	3	-	-	-	-	1	47	33	20	-	-	3.3						
	Upper Heyford ... 408	1034.8	+2	1	b	32	92	7	-	-	-	-	1034.6	0	W	2	b	31	92	7	-	-	-	-	1	48	28	20	-	-	5						
4	Ross-on-Wye ... 223	1034.8	+2	1	b	32	92	7	-	-	-	-	1034.9	-6	WSW	1	z	30	85	3	-	-	-	-	0	48	26	16	-	-	5.7						
5	Hartland Point ... 299	1035.0	+6	1	b	43	55	8	-	-	-	-	1035.1	0	S	2	bc	41	55	8	-	-	-	-	0	49	40	38	-	-	9.2						
	Bristol ... 209	1035.9	+6	0	z	33	75	8	-	-	-	-	1035.4	-4	0	0	z	29	85	6	-	-	-	-	0	48	27	15	-	-	8.0						
	Portland Bill ... 32	1034.1	+6	3	bc	40	75	8	-	-	-	-	1034.3	+2	N	3	bc	38	85	8	-	-	-	-	0	50	37	-	-	-	5.4						
	Plymouth ... 82	1035.1	+4	1	z	39	75	6	-	-	-	-	1035.4	+2	0	0	z	35	85	8	-	-	-	-	0	52	34	25	-	-	10.7						
	The Lizard ... 240	1035.2	+2	2	bc	41	75	7	-	-	-	-	1035.5	+4	0	0	bc	40	83	4	-	-	-	-	0	54	38	-	-	-	10.6						
	Scilly (St. Mary's) ... 163	1035.2	+6	2	b	44	75	8	-	-	-	-	1035.4	+2	0	0	b	42	75	7	-	-	-	-	0	53	40	-	-	-	8.7						
	Guernsey ... 175	1035.3	+6	2	b	44	65	6	-	-	-	-	1033.8	+2	NE	1	bc	42	75	7	-	-	-	-	1	47	41	34	-	-	8.1						
6	Pembroke ... 142	1035.5	+4	2	bc	42	85	7	-	-	-	-	1035.0	0	0	0	bc	39	97	8	-	-	-	-	0	52	38	-	-	-	10.5						
7	Holyhead ... 26	1035.0	-6	2	b	38	85	7	-	-	-	-	1034.0	-6	SSW	2	c	43	85	8	-	-	-	-	1	48	36	27	-	-	8.7						
	Chester (Sealand) ... 16	1035.5	+2	0	z	32	92	5	-	-	-	-	1034.2	-4	0	0	z	32	85	6	-	-	-	-	0	49	30	25	-	-	7.3						
8	Manchester ... 70	1035.4	+2	1	bc	30	97	3	-	-	-	-	1034.3	-2	0	0	F	33	92	0	-	-	-	-	10	51	26	19	-	-	9.6						
10	Spurn Head ... 29	1033.4	-2	4	b	38	85	6	-	-	-	-	1032.0	-4	W	4	m	40	85	4	-	-	-	-	4	47	37	-	-	-	8.7						
	Catterick ... 175	1034.1	-6	0	z	30	97	6	-	-	-	-	1032.2	-6	NW	1	c	35	92	7	-	-	-	-	6	48	27	22	-	-	*						
	Tynemouth ... 108	1033.4	-6	3	bc	38	85	6	-	-	-	-	1021.4	-12	W	3	bc	40	75	6	-	-	-	-	2	44	36	31	Tr	-	*						
11	St. Abbs Head ... 280	1031.7	-16	4	b	44	65	6	-	-	-	-	1029.7	-4	W	4	bc	42	65	8	-	-	-	-	2	50	40	-	-	-	12.0						
	Leuchars ... 36	1031.9	-2	0	b	39	75	7	-	-	-	-	1030.1	-6	SW	2	c	39	85	7	-	-	-	-	6	54	35	26	-	-	11.4						
12	Renfrew (Abbots I.) ... 19	1033.3	-4	0	m	37	92	4	-	-	-	-	1031.4	-4	0	0	c	36	97	7	-	-	-	-	6	56	35	24	-	-	11.1						
	Eskdalemuir ... 794	1033.3	-4	0	m	37	92	4	-	-	-	-	1032.4	-4	0	0	c	36	97	7	-	-	-	-	6	56	35	24	-	-	11.8						
	Point of Ayre ... 30	1034.3	-4	3	b	37	92	8	-	-	-	-	1032.7	-4	W	3	0	44	75	8	-	-	-	-	10	49	36	-	-	-	11.8						
13A	Tiree ... 22	1029.4	-20	4	bc	43	32	8	-	-	-	-	1026.0	-16	SW	3	pr	45	97	8	-	-	-	-	7	53	41	-	-	-	10.1						
13B	Stormcway ... 80	1029.4	-20	4	bc	43	32	8	-	-	-	-	1026.0	-16	SW	3	pr	45	97	8	-	-	-	-	7	53	41	-	-	-	9.7						
15	Dalwhinnie ... 1176	1028.1	-28	4	ro	42	97	6	-	-	-	-	1024.1	-16	SSW	5	c	44	92	7	-	-	-	-	7	45	40	-	-	-	11.4						
	Aberdeen ... 79	1030.2	-14	2	c	41	85	7	-	-	-	-	1028.9	-10	NW	1	c	34	92	5	-	-	-	-	7	50	37	-	-	-	*						
	Wick ... 81	1030.2	-14	2	c	41	85	7	-	-	-	-	1026.5	-16	SSW	2	c	41	75	8	-	-	-	-	7	50	37	-	-	-	*						
16	Lerwick ... 156	1028.1	-28	4	ro	42	97	6	-	-	-	-	1024.1	-16	SSW	5	c	44	92	7	-	-	-	-	7	45	40	-	-	-	5.8						
17	Blackod Point ... 18	1034.1	-8	1	c	48	92	8	-	-	-	-	1033.5	-2	WSW	3	c	48	97	8	-	-	-	-	4	55	46	-	-	-	11						
18	Malin Head ... 84	1033.4	-10	1	c	44	85	8	-	-	-	-	1031.4	-4	S	2	ro	45	97	8	-	-	-	-	4	55	40	35	-	-	11.7						
	Aldergrove ... 268	1034.2	-6	2	c	43	75	7	-	-	-	-	1032.9	0	SSW	2	ro	43	75	8	-	-	-	-	9	55	40	35	-	-	5.3						
19	Birr Castle ... 173	1034.8	-2	1	c	46	85	7	-	-	-	-	1034.3	+2	SW	1	c	46	85	8	-	-	-	-	9	57	43	42	-	-							

## LONDON OBSERVATIONS

Day 7h-18h, Kew &amp; Croydon.

9h-18h, Kensington.

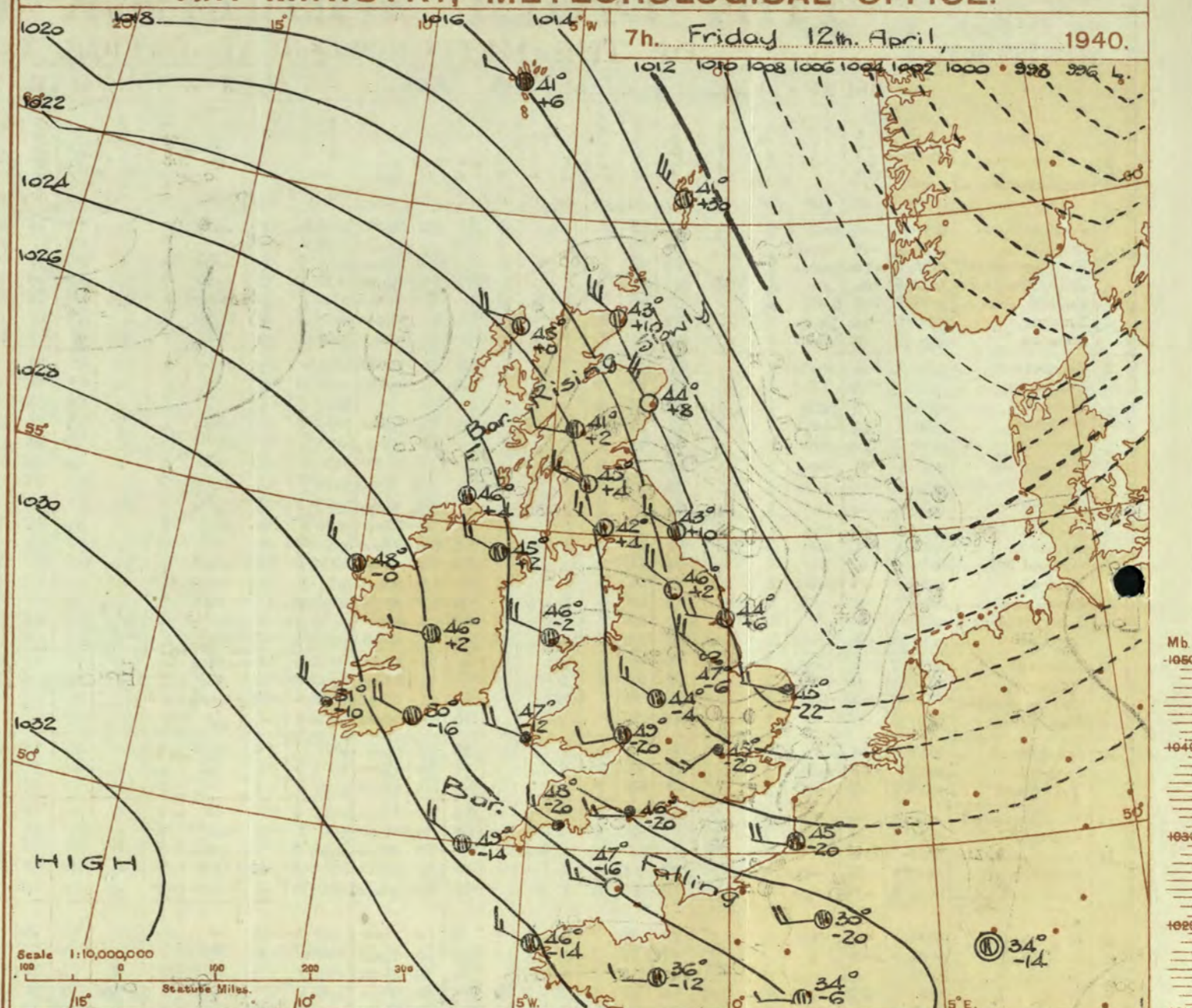
9h-21h, other stations except for rainfall which is 9h-18h.

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTIONFriday 12th April 1940.  
No. 28631

OBSERVATIONS at 13h. G.M.T. 11th April															OBSERVATIONS at 18h. G.M.T. 11th April															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.					Low.	Med.	High.	Form.	Amount.			Height of Base (feet)	Low.					Med.	High.	Form.	Amount.	Height of Base (feet)			7h.—13h. 11h.	13h.—18h. 11h.	18h.—11h. 12h.	11h.—7h. 12h.		
1	London (Kew)...	1031.8	-10	NW	2	c	52	55	7	1	4	7.8	7.8	2500	1028.6	-14	WNW	2	z	52	55	6	5	7	-	4.6	7.8	4000	1	*	bm, zbcy	cy, czoy	cy, czoy	cy, czoy	
	Croydon ...	1031.6	-18	WSW	2	z	52	45	6	1	7	2.3	10	4000	1028.7	-14	WS	2	z	52	55	6	4	4	-	1	7.8	4000	1	*	bzcy, cy	cy, czoy	cy, czoy	cy, czoy	
	S. Farnborough	1032.1	-20	NW	2	c	54	35	8	1	6	4.6	7.8	5700	1028.9	-12	WN	3	c	53	45	7	8	3	9	4.6	7.8	4000	0	*	bm, bcy	cy, bcy	cy, bcy	cy, bcy	
	Boscombe Down	1032.5	-16	NW	2	z	51	45	6	1	1	2.3	4.6	4000	1030.1	-2	WN	4	z	49	65	6	5	3	-	4.6	4.6	7200	0	*	bm, bcy	cy, bcy	cy, bcy	cy, bcy	
	Calshot (Soton.)	1032.7	-14	SW	3	c	52	55	8	1	8	1	9	4000	1030.1	-10	SW	4	bc	45	75	8	1	-	6	2.3	4.6	5700	0	1	bcy	cy, bc	cm, bcy	bm, cm	
	Lympne ...	1031.9	-10	SE	2	c	48	65	8	1	6	4.6	9	2500	1029.2	-10	SW	2	c	44	85	7	-	3	8	0	7.8	-	1	\$	bcb	c, c	cbcc	Cir	
	Manston ...	1031.6	-18	NNW	1	c	49	55	8	1	6	7	9	1500	1028.5	-12	SW	3	z	47	65	6	5	3	2	7.8	9	4000	0	*	cb	c	Cz	Cz	
2	Shoeburyness ...	1031.7	-16	NW	1	c	49	45	8	7	-	7.8	7.8	4000	1028.6	-16	NW	1	bc	52	55	7	-	3	-	1	4.6	-	1	*	bzcy	bc	bc	cm, id	
	Felixstowe ...	1030.9	-18	SE	3	c	48	85	7	1	-	7.8	7.8	4000	1028.0	-18	S	1	2	45	85	6	4	-	-	9	9	4000	1	1	bm, bcy	ccz	cm	Cir, id	
	Gorleston ...	1030.9	-12	SE	1	c	45	65	6	7	-	0	7.8	-	1027.4	-12	S	3	c	44	65	6	5	-	-	10	10	2500	0	2	bcc	cbcc	c	Cov	
	Mildenhall ...	1030.5	-22	WNW	2	c	52	55	7	8	-	7.8	7.8	4000	1027.8	-10	WNW	2	z	50	75	6	5	3	-	7.8	9	4000	0	*	bzcy	cy, bcc	cm, id	cm, id	
	Cranwell ...	1030.0	-20	WNW	2	z	54	45	5	5	7	4.6	10	1500	1027.5	-14	NW	3	z	50	65	6	5	7	-	4.6	9	7200	0	*	bm, cz	cy	cm, id	cm, id	
3	Birmingham	1031.3	-8	NNW	2	c	54	35	8	1	6	7	7.8	4000	1029.1	-10	NW	3	c	50	55	6	5	-	-	9	9	4000	1	*	bzcy	c	cc	0	
	Upper Heyford	1031.8	-20	WN	3	c	54	45	7	1	6	1	7.8	4000	1028.9	-14	NW	3	c	51	55	7	5	7	-	7.8	9	4000	0	*	bzcy	cbcc	ccz	Cir, C	
4	Ross-on-Wye ...	1031.4	-20	W	2	bc	55	45	8	1	6	1	4.6	4000	1029.3	-8	NW	3	bc	51	65	8	5	3	8	2.3	4.6	4000	0	*	bm, bcy	bzcy	cbcc	Cir, C	
5	Hartland Point	1033.8	-12	NW	1	b	50	75	8	1	-	7.8	7.8	2500	1031.9	-10	NW	3	c	46	85	8	5	7	-	2.3	9	2500	0	2	bcb	bzcy	c	Cir, f	
	Bristol ...	1032.6	-22	W	3	z	53	55	6	1	6	2.3	4.6	4000	1030.4	-6	W	1	c	47	85	7	5	4	-	7.8	7.8	3700	0	*	bzcy	bzcy	cbcc	Cir, f	
	Portland Bill ...	1033.4	-6	SW	2	c	44	85	8	1	4	4.6	7.8	4000	1030.5	+8	WSW	3	bc	45	85	8	5	-	-	4.6	4.6	4000	1	3	bcc	abc	0	Cir, f	
	Plymouth ...	1033.7	-14	WNW	2	z	53	55	7	1	-	4.6	4.6	4000	1031.9	-6	NNW	3	c	50	55	7	5	3	2	7.8	7.8	2500	0	1	bm, bcy	cbcc	0	Cir, f	
	The Lizard ...	1034.7	-6	WS	3	bc	53	65	8	8	6	4.6	4.6	2500	1033.4	-4	NW	4	bc	48	75	8	8	6	-	4.6	4.6	2500	0	1	bc	bc	c	Cir, f	
	Scilly (St. Mary's)	1035.1	-2	N	2	bc	51	65	8	8	-	2.3	2.3	2500	1033.6	-10	NW	3	bc	50	65	8	1	3	2	2.3	4.6	2500	0	1	bcc	bc	c	Cir, f	
	Guernsey ...	1034.1	-2	NW	1	bc	45	65	8	1	3	8	2.3	2.3	1500	1032.3	-12	WNW	1	c	44	65	9	-	3	7	0	7.8	-	1	3	bcc	bc	cbcc	Cir, f
6	Pembroke ...	1033.5	-8	WNW	3	c	47	85	8	8	-	9	9	2500	1031.6	-10	WNW	3	c	47	97	8	8	-	-	9	9	2500	0	2	bcc	c	Cir, f	Cir, f	
7	Holyhead ...	1032.0	-10	SW	2	c	52	65	8	2	3	-	7	9	2500	1029.1	-12	SW	3	c	48	85	7	5	-	-	10	10	4000	1	2	c	c	Cir, f	Cir, f
	Chester (Sealand)	1031.5	-14	NW	3	c	52	75	7	7	-	10	10	5700	1029.0	-14	WNW	4	ir	51	65	7	5	7	-	7.8	10	2500	1	*	bm, bcy	cy, bcy	Cir, f	Cir, f	
8	Manchester ...	1031.6	-14	W	4	c	49	92	7	5	-	10	10	4000	1028.9	-12	W	4	ir	48	75	7	5	7	-	9	10	4000	1	*	bm, bcy	cy, bcy	Cir, f	Cir, f	
10	Spurn Head ...	1029.9	-14	W	3	c	56	55	6	5	-	9	9	1500	1026.7	-6	WN	4	c	47	75	6	5	-	-	9	9	1500	0	3	bc	cbcc	c	Cir, f	
	Catterick ...	1029.1	-20	WNW	3	c	51	75	7	5	-	9	9	5700	1026.5	-10	W	2	c	49	85	8	5	4	7	4.6	10	4000	1	1	bc	cbcc	c	Cir, f	
	Tynemouth ...	1028.7	-16	W	3	c	52	65	7	8	-	7.8	7.8	2500	1025.6	-16	W	3	c	51	75	6	8	-	-	9	9	2500	0	1	bcc	c	Cir, f	Cir, f	
11	St. Abbs Head	1026.8	-16	NW	4	c	50	55	7	5	6	4.6	9	2500	1022.3	-24	W	4	c	50	75	8	7	2	-	4.6	9	1500	0	3	bcc	c	Cir, f	Cir, f	
	Leuchars ...	1026.4	-16	WSW	3	c	53	65	8	7	3	7.8	9	2500	1021.3	-26	WSW	4	c	51	75	8	7	2	-	7.8	10	2500	1	*	c	c	Cir, f	Cir, f	
12	Renfrew (Abbots L.)	1027.9	-6	WS	4	c/r	51	85	6	6	2	9	10	1500	1023.4	-30	WSW	5	dr	49	97	6	6	2	-	2.3	10	800	1	*	cm, r	cm, r	Cir, f	Cir, f	
	Eskdalemuir ...	1028.1	-16	WN	4	c	47	75	7	5	-	10	10	1500	1024.5	-22	WS	4	c	48	75	6	5	-	-	10	10	1500	0	*	bcc, c	cm	Cir, f	Cir, f	
	Point of Ayre ...	1030.4	-14	WNW	4	c	52	75	6	5	-	9	9	4000	1027.2	-8	W	4	c	50	85	8	5	-	-	10	10	2500	0	2	c	c	Cir, f	Cir, f	
13A	Tiree ...	1021.3	-20	WSW	6	rr	50	92	7	5	2	9	10	1500	1019.3	-12	W	6	c	48	75	7	5	7	-	7.8	9	1500	1	3	err	err	Cir, f	Cir, f	
13B	Stornoway ...	1021.3	-20	WSW	6	rr	50	92	7	5	2	9	10	1500	1019.3	-12	W	6	c	48	75	7	5	7	-	7.8	9	1500	1	3	err	err	Cir, f	Cir, f	
15	Dalwhinnie ...	1026.0	-18	S	1	c	49	75	7	5	2	7.8	10	4000	1020.6	-22	SW	3	ir	47	92	7	6	2	-	4.6	10	2500	1	*	cir	err	Cir, f	Cir, f	
	Aberdeen ...	1024.1	-26	SSW	4	c	50	55	7	5	-	9	9	2500	1018.9	-30	SW	4	c	53	75	7	5	2	-	7.8	10	2500	1	1	err	err	Cir, f	Cir, f	
	Wick ...	1021.8	-22	SSW	4	pr	46	85	7	5	7	8	7.8	9	1500	1016.5	-14	NW	4																

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 12th April, 1940.



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

## DISTRICTS.

## FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 12th April.

1 S.E. England	Moderate northwest wind, fresh on coasts, backing southwest; bright intervals and showers at first; fair tonight, light rain tomorrow morning; average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate west to northwest wind, fresh locally on coasts, backing southwest; bright intervals and local showers at first; light rain tomorrow morning; average temperature.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Moderate northwest wind, fresh on coasts, backing southwest; bright intervals and local showers at first, occasional rain later; average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W.Scot- land.	Moderate or fresh northwest wind, backing southwest temporarily, then northwest again, strong on coasts; bright intervals and local showers at first, rain tonight; showers later; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7 - 12.
18 N. E. Ireland	
19 S. E. Ireland	As 4 - 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 belt of high pressure extends from Newfoundland to southwest of the British Isles and a depression over Central Scandinavia is moving away. A depression north of Iceland will move east-southeast. There will be bright intervals at first with showers, chiefly in the East and North, but rain will spread southwards across the British Isles during tonight and tomorrow morning.

## FURTHER OUTLOOK.

West to northwest winds; bright intervals and showers.

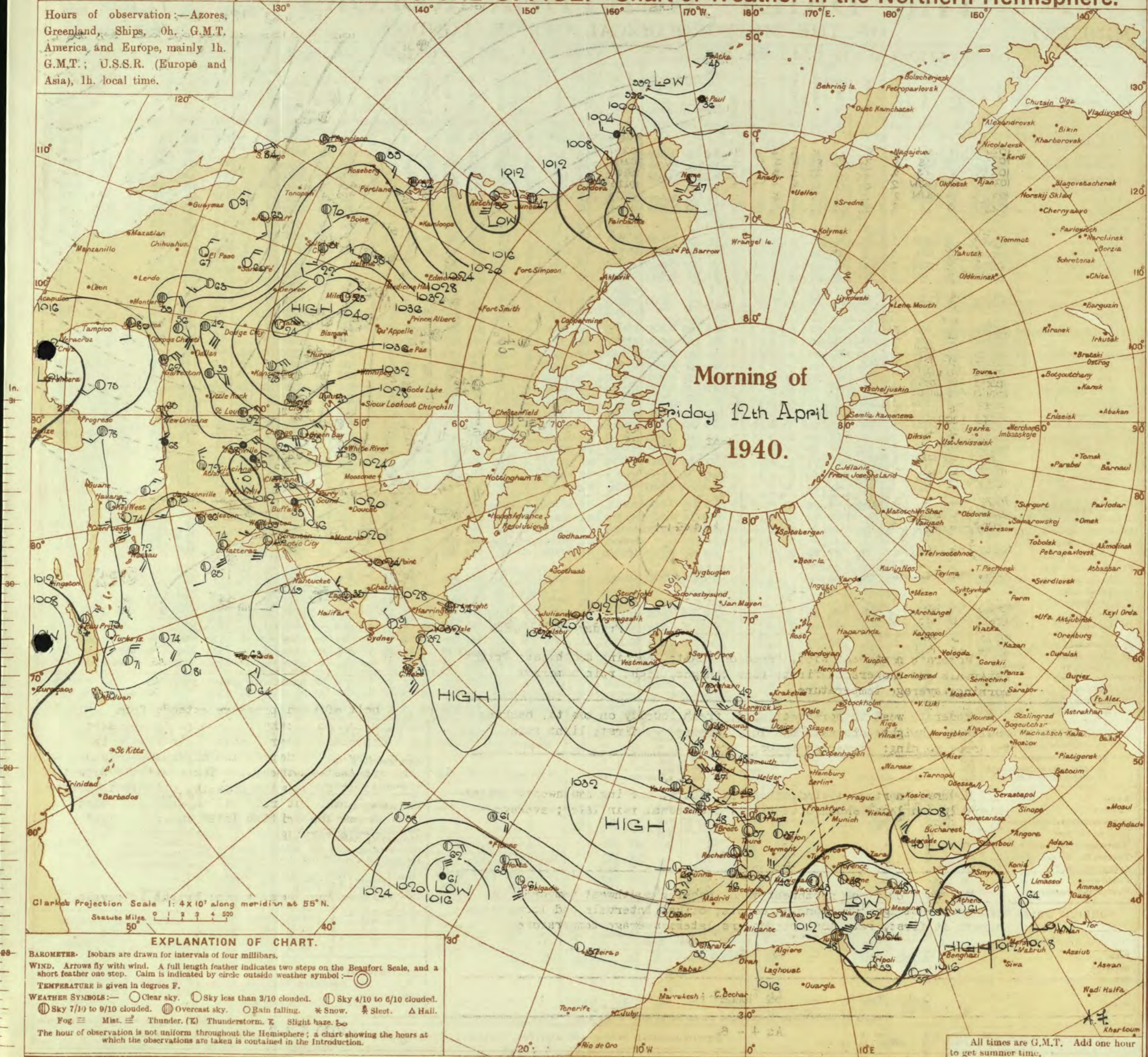
Forecasts issued at 1030 G.M.T.

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

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

# 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.



[illegible]

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

AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

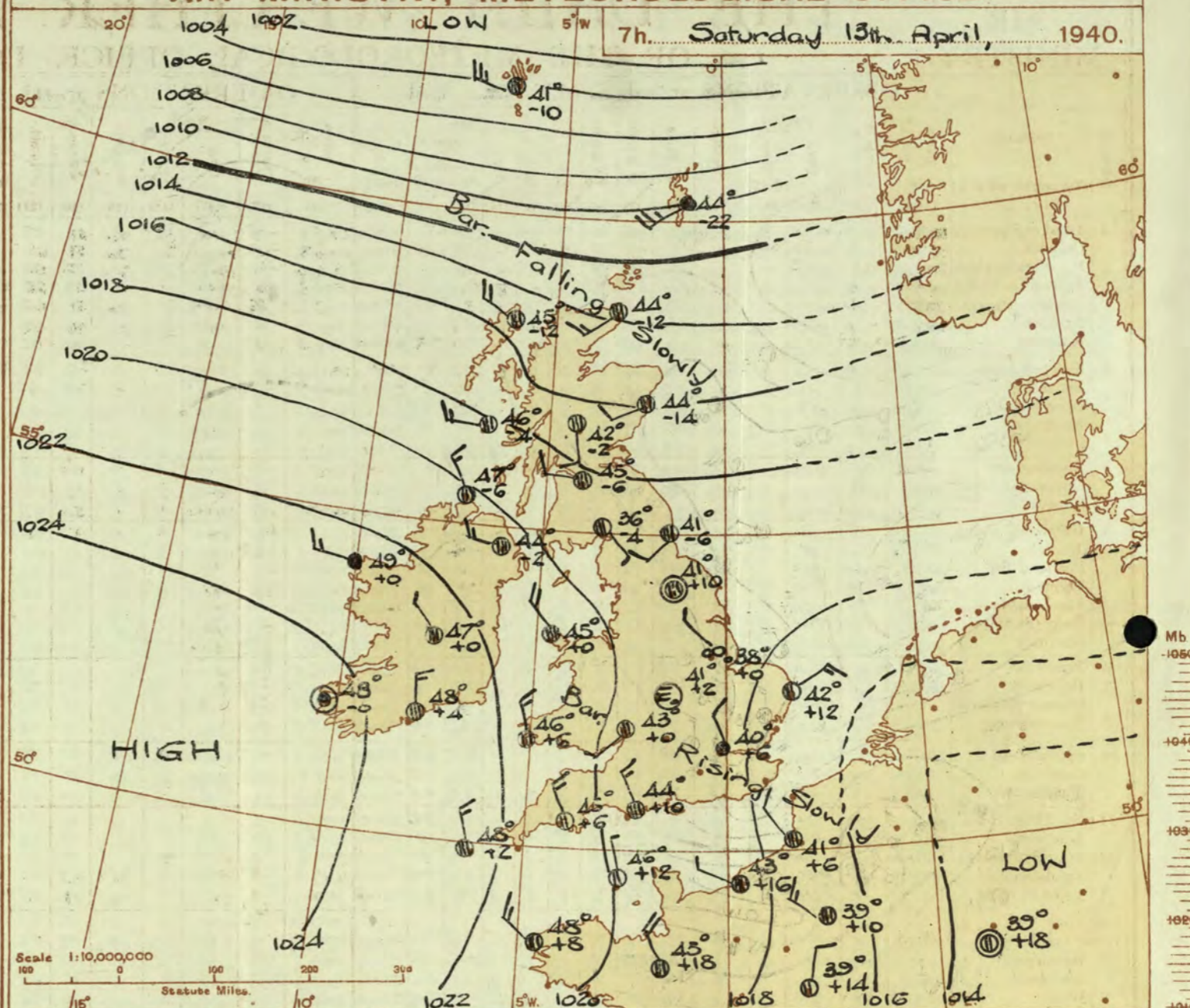
SECRET

BRITISH SECTION  
Saturday 13th April 1940.  
No 28632

OBSERVATIONS at 13h. G.M.T. 12th April														OBSERVATIONS at 18h. G.M.T. 12th April														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Barom. at M.S.L. mb. (29)	Change in 3 hours. (30)	State of Ground. 0-9 (31)	Sea. 0-9 (32)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				Direc. (3)	Force. (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base (feet) (14)	Direc. (17)					Force (18)	Low. (23)	Med. (24)	High (25)	Low 0-10 (26)					Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 12h. (37)	13h.—18h. 12h. (38)	18h.—24h. 1h.—13h. (39)	1h.—7h. 13h. (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1	London (Kew)...	1018.5	-10	NW	3	Co	52	55	6	7	-	-	94	2500	1017.1	-4	NE	3	10	51	55	6	5	-	10	10	1500	1	*	1017.1-1017.5	1017.5-1018.0	1018.0-1018.5	1018.5-1019.0	1019.0-1019.5	1019.5-1020.0	1020.0-1020.5	1020.5-1021.0	1021.0-1021.5	1021.5-1022.0	1022.0-1022.5	1022.5-1023.0	1023.0-1023.5	1023.5-1024.0	1024.0-1024.5	1024.5-1025.0	1025.0-1025.5	1025.5-1026.0	1026.0-1026.5	1026.5-1027.0	1027.0-1027.5	1027.5-1028.0	1028.0-1028.5	1028.5-1029.0	1029.0-1029.5	1029.5-1030.0	1030.0-1030.5	1030.5-1031.0	1031.0-1031.5	1031.5-1032.0	1032.0-1032.5	1032.5-1033.0	1033.0-1033.5	1033.5-1034.0	1034.0-1034.5	1034.5-1035.0	1035.0-1035.5	1035.5-1036.0	1036.0-1036.5	1036.5-1037.0	1037.0-1037.5	1037.5-1038.0	1038.0-1038.5	1038.5-1039.0	1039.0-1039.5	1039.5-1040.0	1040.0-1040.5	1040.5-1041.0	1041.0-1041.5	1041.5-1042.0	1042.0-1042.5	1042.5-1043.0	1043.0-1043.5	1043.5-1044.0	1044.0-1044.5	1044.5-1045.0	1045.0-1045.5	1045.5-1046.0	1046.0-1046.5	1046.5-1047.0	1047.0-1047.5	1047.5-1048.0	1048.0-1048.5	1048.5-1049.0	1049.0-1049.5	1049.5-1050.0	1050.0-1050.5	1050.5-1051.0	1051.0-1051.5	1051.5-1052.0	1052.0-1052.5	1052.5-1053.0	1053.0-1053.5	1053.5-1054.0	1054.0-1054.5	1054.5-1055.0	1055.0-1055.5	1055.5-1056.0	1056.0-1056.5	1056.5-1057.0	1057.0-1057.5	1057.5-1058.0	1058.0-1058.5	1058.5-1059.0	1059.0-1059.5	1059.5-1060.0	1060.0-1060.5	1060.5-1061.0	1061.0-1061.5	1061.5-1062.0	1062.0-1062.5	1062.5-1063.0	1063.0-1063.5	1063.5-1064.0	1064.0-1064.5	1064.5-1065.0	1065.0-1065.5	1065.5-1066.0	1066.0-1066.5	1066.5-1067.0	1067.0-1067.5	1067.5-1068.0	1068.0-1068.5	1068.5-1069.0	1069.0-1069.5	1069.5-1070.0	1070.0-1070.5	1070.5-1071.0	1071.0-1071.5	1071.5-1072.0	1072.0-1072.5	1072.5-1073.0	1073.0-1073.5	1073.5-1074.0	1074.0-1074.5	1074.5-1075.0	1075.0-1075.5	1075.5-1076.0	1076.0-1076.5	1076.5-1077.0	1077.0-1077.5	1077.5-1078.0	1078.0-1078.5	1078.5-1079.0	1079.0-1079.5	1079.5-1080.0	1080.0-1080.5	1080.5-1081.0	1081.0-1081.5	1081.5-1082.0	1082.0-1082.5	1082.5-1083.0	1083.0-1083.5	1083.5-1084.0	1084.0-1084.5	1084.5-1085.0	1085.0-1085.5	1085.5-1086.0	1086.0-1086.5	1086.5-1087.0	1087.0-1087.5	1087.5-1088.0	1088.0-1088.5	1088.5-1089.0	1089.0-1089.5	1089.5-1090.0	1090.0-1090.5	1090.5-1091.0	1091.0-1091.5	1091.5-1092.0	1092.0-1092.5	1092.5-1093.0	1093.0-1093.5	1093.5-1094.0	1094.0-1094.5	1094.5-1095.0	1095.0-1095.5	1095.5-1096.0	1096.0-1096.5	1096.5-1097.0	1097.0-1097.5	1097.5-1098.0	1098.0-1098.5	1098.5-1099.0	1099.0-1099.5	1099.5-1100.0	1100.0-1100.5	1100.5-1101.0	1101.0-1101.5	1101.5-1102.0	1102.0-1102.5	1102.5-1103.0	1103.0-1103.5	1103.5-1104.0	1104.0-1104.5	1104.5-1105.0	1105.0-1105.5	1105.5-1106.0	1106.0-1106.5	1106.5-1107.0	1107.0-1107.5	1107.5-1108.0	1108.0-1108.5	1108.5-1109.0	1109.0-1109.5	1109.5-1110.0	1110.0-1110.5	1110.5-1111.0	1111.0-1111.5	1111.5-1112.0	1112.0-1112.5	1112.5-1113.0	1113.0-1113.5	1113.5-1114.0	1114.0-1114.5	1114.5-1115.0	1115.0-1115.5	1115.5-1116.0	1116.0-1116.5	1116.5-1117.0	1117.0-1117.5	1117.5-1118.0	1118.0-1118.5	1118.5-1119.0	1119.0-1119.5	1119.5-1120.0	1120.0-1120.5	1120.5-1121.0	1121.0-1121.5	1121.5-1122.0	1122.0-1122.5	1122.5-1123.0	1123.0-1123.5	1123.5-1124.0	1124.0-1124.5	1124.5-1125.0	1125.0-1125.5	1125.5-1126.0	1126.0-1126.5	1126.5-1127.0	1127.0-1127.5	1127.5-1128.0	1128.0-1128.5	1128.5-1129.0	1129.0-1129.5	1129.5-1130.0	1130.0-1130.5	1130.5-1131.0	1131.0-1131.5	1131.5-1132.0	1132.0-1132.5	1132.5-1133.0	1133.0-1133.5	1133.5-1134.0	1134.0-1134.5	1134.5-1135.0	1135.0-1135.5	1135.5-1136.0	1136.0-1136.5	1136.5-1137.0	1137.0-1137.5	1137.5-1138.0	1138.0-1138.5	1138.5-1139.0	1139.0-1139.5	1139.5-1140.0	1140.0-1140.5	1140.5-1141.0	1141.0-1141.5	1141.5-1142.0	1142.0-1142.5	1142.5-1143.0	1143.0-1143.5	1143.5-1144.0	1144.0-1144.5	1144.5-1145.0	1145.0-1145.5	1145.5-1146.0	1146.0-1146.5	1146.5-1147.0	1147.0-1147.5	1147.5-1148.0	1148.0-1148.5	1148.5-1149.0	1149.0-1149.5	1149.5-1150.0	1150.0-1150.5	1150.5-1151.0	1151.0-1151.5	1151.5-1152.0	1152.0-1152.5	1152.5-1153.0	1153.0-1153.5	1153.5-1154.0	1154.0-1154.5	1154.5-1155.0	1155.0-1155.5	1155.5-1156.0	1156.0-1156.5	1156.5-1157.0	1157.0-1157.5	1157.5-1158.0	1158.0-1158.5	1158.5-1159.0	1159.0-1159.5	1159.5-1160.0	1160.0-1160.5	1160.5-1161.0	1161.0-1161.5	1161.5-1162.0	1162.0-1162.5	1162.5-1163.0	1163.0-1163.5	1163.5-1164.0	1164.0-1164.5	1164.5-1165.0	1165.0-1165.5	1165.5-1166.0	1166.0-1166.5	1166.5-1167.0	1167.0-1167.5	1167.5-1168.0	1168.0-1168.5	1168.5-1169.0	1169.0-1169.5	1169.5-1170.0	1170.0-1170.5	1170.5-1171.0	1171.0-1171.5	1171.5-1172.0	1172.0-1172.5	1172.5-1173.0	1173.0-1173.5	1173.5-1174.0	1174.0-1174.5	1174.5-1175.0	1175.0-1175.5	1175.5-1176.0	1176.0-1176.5	1176.5-1177.0	1177.0-1177.5	1177.5-1178.0	1178.0-1178.5	1178.5-1179.0	1179.0-1179.5	1179.5-1180.0	1180.0-1180.5	1180.5-1181.0	1181.0-1181.5	1181.5-1182.0	1182.0-1182.5	1182.5-1183.0	1183.0-1183.5	1183.5-1184.0	1184.0-1184.5	1184.5-1185.0	1185.0-1185.5	1185.5-1186.0	1186.0-1186.5	1186.5-1187.0	1187.0-1187.5	1187.5-1188.0	1188.0-1188.5	1188.5-1189.0	1189.0-1189.5	1189.5-1190.0	1190.0-1190.5	1190.5-1191.0	1191.0-1191.5	1191.5-1192.0	1192.0-1192.5	1192.5-1193.0	1193.0-1193.5	1193.5-1194.0	1194.0-1194.5	1194.5-1195.0	1195.0-1195.5	1195.5-1196.0	1196.0-1196.5	1196.5-1197.0	1197.0-1197.5	1197.5-1198.0	1198.0-1198.5	1198.5-1199.0	1199.0-1199.5	1199.5-1200.0	1200.0-1200.5	1200.5-1201.0	1201.0-1201.5	1201.5-1202.0	1202.0-1202.5	1202.5-1203.0	1203.0-1203.5	1203.5-1204.0	1204.0-1204.5	1204.5-1205.0	1205.0-1205.5	1205.5-1206.0	1206.0-1206.5	1206.5-1207.0	1207.0-1207.5	1207.5-1208.0	1208.0-1208.5	1208.5-1209.0	1209.0-1209.5	1209.5-1210.0	1210.0-1210.5	1210.5-1211.0	1211.0-1211.5	1211.5-1212.0	1212.0-1212.5	1212.5-1213.0	1213.0-1213.5	1213.5-1214.0	1214.0-1214.5	1214.5-1215.0	1215.0-1215.5	1215.5-1216.0	1216.0-1216.5	1216.5-1217.0	1217.0-1217.5	1217.5-1218.0	1218.0-1218.5	1218.5-1219.0	1219.0-1219.5	1219.5-1220.0	1220.0-1220.5	1220.5-1221.0	1221.0-1221.5	1221.5-1222.0	1222.0-1222.5	1222.5-1223.0	1223.0-1223.5	1223.5-1224.0	1224.0-1224.5	1224.5-1225.0	1225.0-1225.5	1225.5-1226.0	1226.0-1226.5	1226.5-1227.0	1227.0-1227.5	1227.5-1228.0	1228.0-1228.5	1228.5-1229.0	1229.0-1229.5	1229.5-1230.0	1230.0-1230.5	1230.5-1231.0	1231.0-1231.5	1231.5-1232.0	1232.0-1232.5	1232.5-1233.0	1233.0-1233.5	1233.5-1234.0	1234.0-1234.5	1234.5-1235.0	1235.0-1235.5	1235.5-1236.0	1236.0-1236.5	1236.5-1237.0	1237.0-1237.5	1237.5-1238.0	1238.0-1238.5	1238.5-1239.0	1239.0-1239.5	1239.5-1240.0	1240.0-1240.5	1240.5-1241.0	1241.0-1241.5	1241.5-1242.0	1242.0-1242.5	1242.5-1243.0	1243.0-1243.5	1243.5-1244.0	1244.0-1244.5	1244.5-1245.0	1245.0-1245.5	1245.5-1246.0	1246.0-1246.5	1246.5-1247.0	1247.0-1247.5	1247.5-1248.0	1248.0-1248.5	1248.5-1249.0	1249.0-1249.5	1249.5-1250.0	1250.0-1250.5	1250.5-1251.0	1251.0-1251.5	1251.5-1252.0	1252.0-1252.5	1252.5-1253.0	1253.0-1253.5	1253.5-1254.0	1254.0-1254.5	1254.5-1255.0	1255.0-1255.5	1255.5-1256.0	1256.0-1256.5	1256.5-1257.0	1257.0-1257.5	1

## AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 13th April, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 13th April, 1940.
1 S.E. England	
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

### GENERAL INFERENCE.

Pressure is high to the southwest of the British Isles and low to the North. Weak troughs of low pressure off our northwest coasts will move southeastwards over the Country.

Weather will be mainly cloudy with occasional showers in most districts, but more general occasional rain in North and West Scotland. Temperature will be about the average, but will fall later in Scotland.

### FURTHER OUTLOOK.

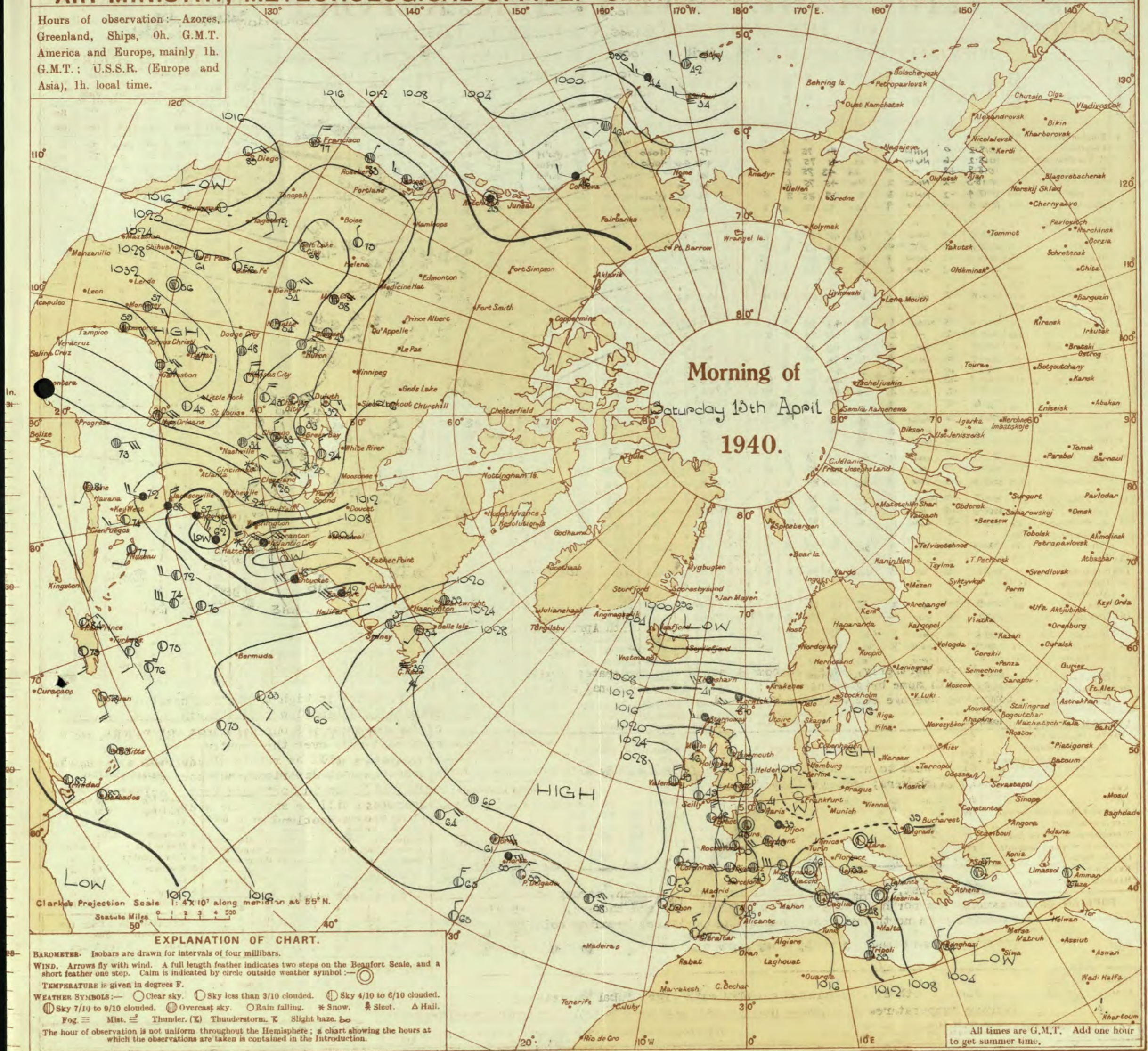
Northwest winds and showers.

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

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

# 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. 13th April														OBSERVATIONS at 7 hr. G.M.T. 13th April														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.			
					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	0-9		0-10	0-10	0-9
1	London (Kew) ... 18	1018.2	0	NNW	2	20	41	75	6	5	-	-	-	-	1018.6	+2	N	1	20	41	75	6	5	-	-	-	-	1	54	38	28	0.2	Tr	0.9			
	Croydon ... 217	1018.2	-6	NNW	1	20	41	75	7	5	-	-	-	-	1018.9	+6	NNW	2	10	40	85	6	5	-	-	-	-	1	54	38	35	2	Tr	0.6			
	S. Farnborough ... 226	1018.2	-6	NNW	1	20	41	75	7	5	-	-	-	-	1019.3	+8	NNW	1	20	37	92	7	5	-	-	-	-	1	54	32	26	0.4	-	0.4			
	Boscombe Down ... 417	1018.9	+2	-	0	20	43	75	6	-	-	-	-	-	1019.7	+6	NNW	1	20	38	92	6	5	-	-	-	-	1	53	36	27	-	-	1.4			
	Calshot (St. Mary's) ... 8	1018.3	-2	NNW	2	20	45	75	6	-	-	-	-	-	1019.2	+6	NNW	1	20	41	75	6	5	-	-	-	-	1	55	39	34	Tr	-	1.2			
	Lympne ... 346	1017.4	-2	NNW	3	20	39	85	8	5	-	-	-	-	1017.7	+6	NNW	3	10	39	85	8	6	2	-	-	1	52	38	35	1	0.1	2.1				
	Manston ... 154	1016.4	-4	NNW	4	20	42	75	6	5	-	-	-	-	1017.3	+10	N	4	40	41	75	6	5	7	-	-	1	52	39	37	-	Tr	3.9				
2	Shoeburyness ... 11	1016.5	-4	NNW	3	20	42	85	7	5	-	-	-	-	1018.1	+8	NNW	2	20	40	85	8	5	-	-	-	-	1	57	37	32	Tr	-	3.6			
	Felixstowe ... 15	1015.9	0	NNE	4	20	43	65	8	5	-	-	-	-	1017.9	+12	NEE	3	20	42	75	7	5	-	-	-	-	1	50	40	39	0.1	-	5.9			
	Gorleston ... 5	1017.4	-2	NNW	4	20	39	85	6	5	-	-	-	-	1018.2	+6	NNW	2	20	39	97	6	5	3	-	-	-	1	56	35	31	Tr	0.2	4.7			
	Mildenhall ... 19	1018.6	-2	NNW	2	20	37	85	7	5	-	-	-	-	1018.7	0	NNW	1	20	38	85	6	5	7	9	7.8	9	4000	0	55	35	32	-	-	5.8		
	Cranwell ... 240	1018.6	-2	NNW	2	20	37	85	7	5	-	-	-	-	1018.7	0	NNW	1	20	38	85	6	5	7	9	7.8	9	4000	0	55	35	32	-	-	-		
3	Birmingham ... 535	1018.8	-2	NW	2	20	40	65	7	4	-	-	-	-	1019.6	+2	-	0	41	92	4	5	-	-	-	-	1	53	41	40	Tr	-	5.0				
	Upper Heyford ... 408	1018.8	-2	NW	2	20	40	65	7	4	-	-	-	-	1019.4	+6	NW	2	20	38	85	6	5	3	-	-	-	1	54	35	25	Tr	Tr	-			
4	Ross-on-Wye ... 223	1018.8	-2	NW	2	20	40	65	7	4	-	-	-	-	1019.8	0	SW	1	43	85	8	5	3	-	-	-	1	4.6	7.8	2500	0	53	42	36	Tr	-	1.3
5	Hartland Point ... 299	1020.4	-8	NNW	3	20	46	85	8	4	-	-	-	-	1020.7	+4	N	3	46	85	8	4	-	-	-	-	1	4.6	7.8	1500	0	49	45	42	0.5	-	1.5
	Bristol ... 209	1019.9	-2	N	2	20	47	75	6	5	-	-	-	-	1020.1	+6	NNW	2	44	85	7	5	-	-	-	-	1	10	10	4000	0	55	41	30	Tr	-	3.0
	Portland Bill ... 32	1018.5	+2	NNE	3	20	46	85	7	5	-	-	-	-	1019.1	+10	NNW	3	44	85	8	5	4	-	-	-	1	4.6	7.8	4000	1	50	43	-	-	-	-
	Plymouth ... 82	1020.2	-6	NNW	4	20	46	75	7	4	-	-	-	-	1020.8	+6	NNW	3	45	85	8	5	-	-	-	-	1	4.6	7.8	4000	0	53	43	39	Tr	-	1.7
	The Lizard ... 240	1022.1	-10	NNW	3	20	47	92	8	2	-	-	-	-	1022.0	+4	NNW	2	46	97	8	2	-	-	-	-	1	9	10	1500	0	53	45	-	-	-	0.9
	Scilly (St. Mary's) ... 163	1022.2	-10	NNW	3	20	47	92	8	2	-	-	-	-	1022.1	+2	NNW	2	46	97	8	2	-	-	-	-	1	9	10	1500	1	52	48	-	0.5	-	1.1
	Guernsey ... 175	1018.7	-2	NW	3	20	47	85	7	5	-	-	-	-	1019.6	+12	NW	1	46	85	7	5	-	-	-	-	1	8	0	2.3	-	52	44	37	Tr	-	0.1
6	Pembroke ... 142	1021.6	-2	N	3	20	47	92	8	2	-	-	-	-	1021.8	-6	NW	3	46	97	8	2	-	-	-	-	1	9	9	2500	1	52	44	-	0.2	Tr	0.7
7	Holyhead ... 26	1020.6	-10	NNW	3	20	45	92	8	2	-	-	-	-	1020.2	0	NNW	4	45	92	8	2	-	-	-	-	1	10	10	220	1	49	44	41	-	1	4.1
	Chester (Sealand) ... 16	1019.9	-6	NNW	3	20	46	85	6	5	-	-	-	-	1019.5	0	NNW	3	46	85	6	5	-	-	-	-	1	10	10	1500	1	51	44	41	-	-	6.9
8	Manchester ... 70	1019.8	-4	NNW	2	20	39	92	5	5	-	-	-	-	1019.4	+2	-	0	42	85	4	5	1	-	-	-	1	10	10	4000	1	55	38	34	-	-	7.8
10	Spurn Head ... 29	1017.7	0	NW	4	20	40	92	6	5	-	-	-	-	1018.0	+10	-	0	41	85	7	5	3	-	-	-	1	0	10	-	55	37	29	-	-	8.1	
	Catterick ... 175	1019.0	-8	N	1	20	38	92	7	5	-	-	-	-	1018.8	-6	SW	2	41	85	3	8	-	-	-	-	1	9	9	2500	0	50	40	39	-	-	-
	Tynemouth ... 108	1019.9	-6	NW	2	20	40	85	6	2	-	-	-	-	1018.8	-6	SW	2	41	85	3	8	-	-	-	-	1	9	9	2500	0	50	40	39	-	-	-
11	St. Abbs Head ... 280	1018.7	-8	NNW	1	20	42	75	8	5	2	-	-	-	1017.3	-6	N	2	42	85	7	5	2	-	-	-	1	7.8	9	2500	0	48	41	-	-	-	-
	Leuchars ... 36	1018.8	-14	S	1	20	43	75	7	5	-	-	-	-	1016.6	-10	SW	3	44	75	7	5	5	-	-	-	1	2.3	9	4000	1	42	38	-	-	-	4.7
12	Renfrew (Abbots I.) ... 19	1019.7	-2	WSW	1	20	41	92	7	5	-	-	-	-	1018.2	-6	NNW	2	45	92	6	5	7	-	-	-	1	7.8	9	2500	1	54	39	33	-	Tr	9.1
	Eskdalemuir ... 794	1018.3	-4	SE	1	20	36	97	8	5	3	1	2.3	7.8	1500	1	SE	1	36	97	8	5	3	1	2.3	7.8	1500	1	53	30	25	-	-	-	5.8		
	Point of Ayre ... 30	1020.4	-4	N	3	20	45	92	8	5	-	-	-	-	1019.5	-2	NNE	4	45	97	7	8	6	-	-	-	1	7.8	9	1500	1	53	44	-	-	0.1	10.0
13A	Tiree ... 22	1019.1	-12	W	3	20	44	92	7	5	2	-	-	-	1018.0	-4	W	3	45	92	8	5	-	-	-	-	1	9	9	1500	0	51	44	-	-	1	2.0
13B	Stornoway ... 80	1019.1	-12	W	3	20	44	92	7	5	2	-	-	-	1016.4	+12	SW	4	45	92	8	5	7	-	-	-	1	7.8	9	2500	1	51	43	-	Tr	1	3.3
15	Dalwhinnie ... 1176	1016.8	-2	S	2	20	42	85	7	4	5	-	-	-	1016.8	-2	S	2	42	85	7	4	5	-	-	-	1	4.6	7.8	4000	0	50	36	31	0.1	0.2	1.6
	Aberdeen ... 79	1016.9	-4	W	3	20	43	97	7	5	7	-	-	-	1015.1	-14	WSW	2	44	85	7	5	-	-	-	-	1	7.8	7.8	2500	0	52	42	39	-	-	7.2
	Wick ... 81	1016.9	-4	W	3	20	43	97	7	5	7	-	-	-	1013.8	-12	SW	3	44	97	8	5	7	-	-	-	1	7.8	10	1500	1	50	42	-	-	0.1	-
16	Lerwick ... 156	1014.7	-18	SW	5	20	42	85	7	8	2	-	-	-	1009.6	-22	SW	5	44	97	7	6	2	-	-	-	1	4.6	10	800	1	47	41	-	0.1	0.3	-
17	Blacksod Point ... 18	1024.2	-6	NNW	1	20	49	85	7	5	-	-	-	-	1022.7	0	NNW	3	49	97	6	6	-	-	-	-	1	10	10	1500	1	53	46	-	-	0.6	-
18	Malin Head ... 84	1021.4	-8	NNW	3	20	46	85	7	8	-	-	-	-	1020.2	-6	NNW	3	47	85																	

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

# SECRET

Sunday 14th April 1940.

No 28633

OBSERVATIONS at 13h. G.M.T. 13th April														OBSERVATIONS at 18h. G.M.T. 13th April														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. % (8)	Visibility. 0-9 (9)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Direc. (17)	Force 0-12 (18)	Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.											
				Direc. (3)	Force. 0-12 (4)					Low. (10)	Med. (11)	High (12)	Total 0-10 (13)	Height of Base. (feet) (14)									Low. (23)	Med. (24)	High (25)	Total 0-10 (26)	Height of Base (feet) (28)			7h.—13h. 13th (37)	13h.—18h. 13th (38)	18h.—to 14th (39)	1h.—7h. 14th (40)								
																																		Form.	Amount.	Form.	Amount.	Form.	Amount.		
1	London (Kew)...	1018.1	-6	NW	3	C	50	75	7	1	3	1	7.8	9	4000	1016.3	-6	NW	3	Zo	52	75	6	5	-	-	10	10	2500	1	*	bcmo	cy	cy	c2	ir.	mo	pr	oc		
	Croydon ...	1018.7	-2	NNW	1	Zo	48	65	8	3	1	7.8	9	2500	1016.3	-14	NN	2	Zo	52	65	6	5	-	-	10	10	2500	1	*	cmo	cy	cy	c2	ir.	mo	pr	oc			
	S. Farnborough	1018.5	-6	NNW	3	C	51	55	8	1	7	2.3	9+	4000	1017.1	-4	NN	3	Zo	51	65	7	5	-	-	10	10	4000	0	*	bc	cy	cy	c2	ir.	mo	pr	oc			
	Boscombe Down	1018.9	-8	NNW	3	Zo	49	65	7	8	3	7.8	9	2500	1017.5	-8	NNW	2	C	50	75	8	5	-	-	10	10	4000	0	*	cmo	cy	cy	c2	ir.	mo	pr	oc			
	Calshot (Soton.)	1018.8	-6	NNW	3	Zo	53	65	6	7	3	4.6	9+	4000	1017.5	-10	NNW	2	Zo	50	75	7	5	-	-	9+	9+	5700	0	2	bc	cy	cy	c2	ir.	mo	pr	oc			
	Lympne ...	1018.7	+4	NNW	2	C	43	65	7	5	2	7.8	10	1500	(1018.1)	-4	NNW	2	bc	43	75	7	3	-	3	-	0	4.6	-	1	2	cid	oc	c	emo	ido	c	ir.	mo	pr	oc
	Manston ...	1018.8	+8	NE	2	Zo	44	65	6	8	7	2.3	9+	800	1017.2	-8	SW	1	C	46	65	7	5	3	-	4.6	9+	5700	0	*	cmo	cy	cy	c2	ir.	mo	pr	oc			
2	Shoeburyness ...	1018.8	+2	NW	1	C	47	65	8	5	1	9	10	4000	1017.2	-10	SSE	1	C	46	75	7	5	3	-	9+	10	5700	1	*	c	bc	c	emo	ido	c	ir.	mo	pr	oc	
	Felixstowe ...	1017.9	0	E	2	C	43	85	7	5	1	9+	9+	2500	1016.6	-10	S	2	C	44	85	7	5	3	-	4.6	9+	4000	1	1	cmo	c	bc	c	emo	ido	c	ir.	mo	pr	oc
	Gorleston ...	1017.9	0	E	2	C	45	65	7	5	1	4.6	10	2500	1015.9	-8	SW	3	C	44	65	7	5	3	-	9+	9+	2500	0	2	c	c	c	c	c	c	c	c	c		
	Mildenhall ...	1017.7	-8	NW	2	C	49	65	8	7	7	7.8	9	2500	1015.6	-																									

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<sub>g</sub>/k, slight storm of drifting snow (generally high).  
S/k, heavy storm of drifting snow (generally high).  
KQ, line squall. l, lightning.  
o, overcast sky. p, passing showers.

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

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

rr, continuous rain.

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

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

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

‡ Sea disturbance reported from Dungoness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

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

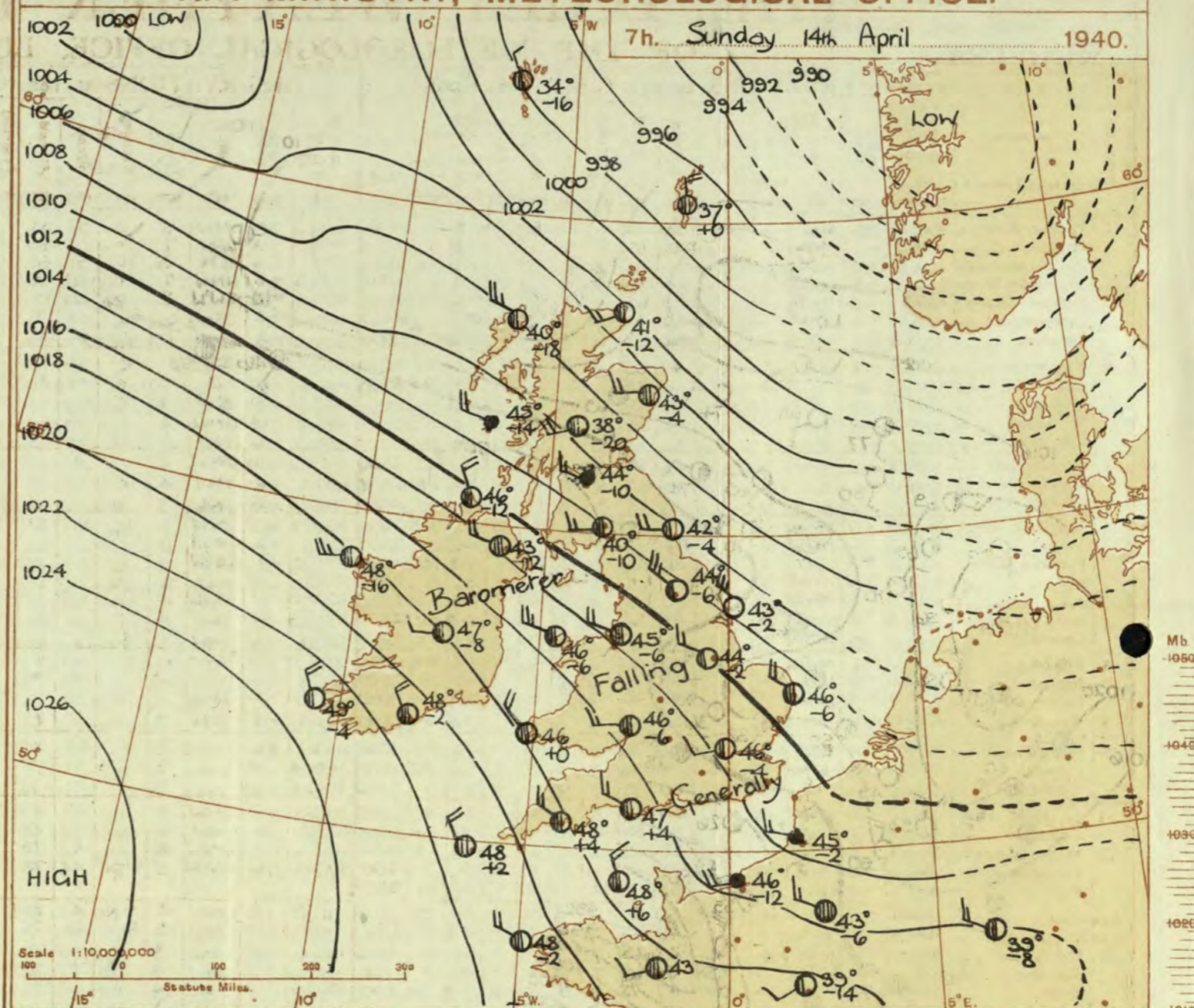
COLUMN 29 —STATE OF GROUND.

- |      |                                     |      |   |
|------|-------------------------------------|------|---|
| 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. Sunday 14th April 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 14th April, 1940.
1 S.E. England	Wind northwest moderate, backing southwest fresh; bright intervals and showers today, with local hail and perhaps thunder in the East, cloudy tomorrow, with some rain; day temperatures reaching average.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind northwest moderate, backing southwest fresh, and veering again; fair today; cloudy tomorrow, with some rain; average temperature.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Wind west fresh, backing temporarily, and becoming strong, veering northwest later; cloudy, with showers today; local hail and perhaps thunder in the East; more general rain tonight; rather cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind west moderate to fresh, increasing to strong to gale in the South; veering northwest and then north, strong to gale; showers in the east early; more general rain spreading from the West today, followed by squally showers of rain, sleet and snow; rather cold, becoming colder.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	Wind variable light to moderate, becoming north strong to gale; cloudy, with showers and then rain; snow showers tomorrow; cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Wind west backing southwest, later veering northwest fresh to strong; cloudy, with occasional rain and showers; average temperature, becoming colder.
17 N.W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

**GENERAL INFERENCE.**  
Pressure is high to the southwest of the British Isles, and a depression in the region of Southern Norway is moving southeast. A depression to the southwest of Iceland is moving quickly east-southeast. Weather will be fair in the southwest today; there will be bright intervals and showers in eastern and northern areas, with local hail and perhaps thunder in East England. More general rain will move across Scotland from the west today, and across Ireland, Wales and England tonight and tomorrow morning with snow in Scotland tomorrow. Day temperatures will be about average in the southwest today; it will be rather cold in the North, especially tomorrow.

## Further Outlook.

Cold northerly winds, with showers.

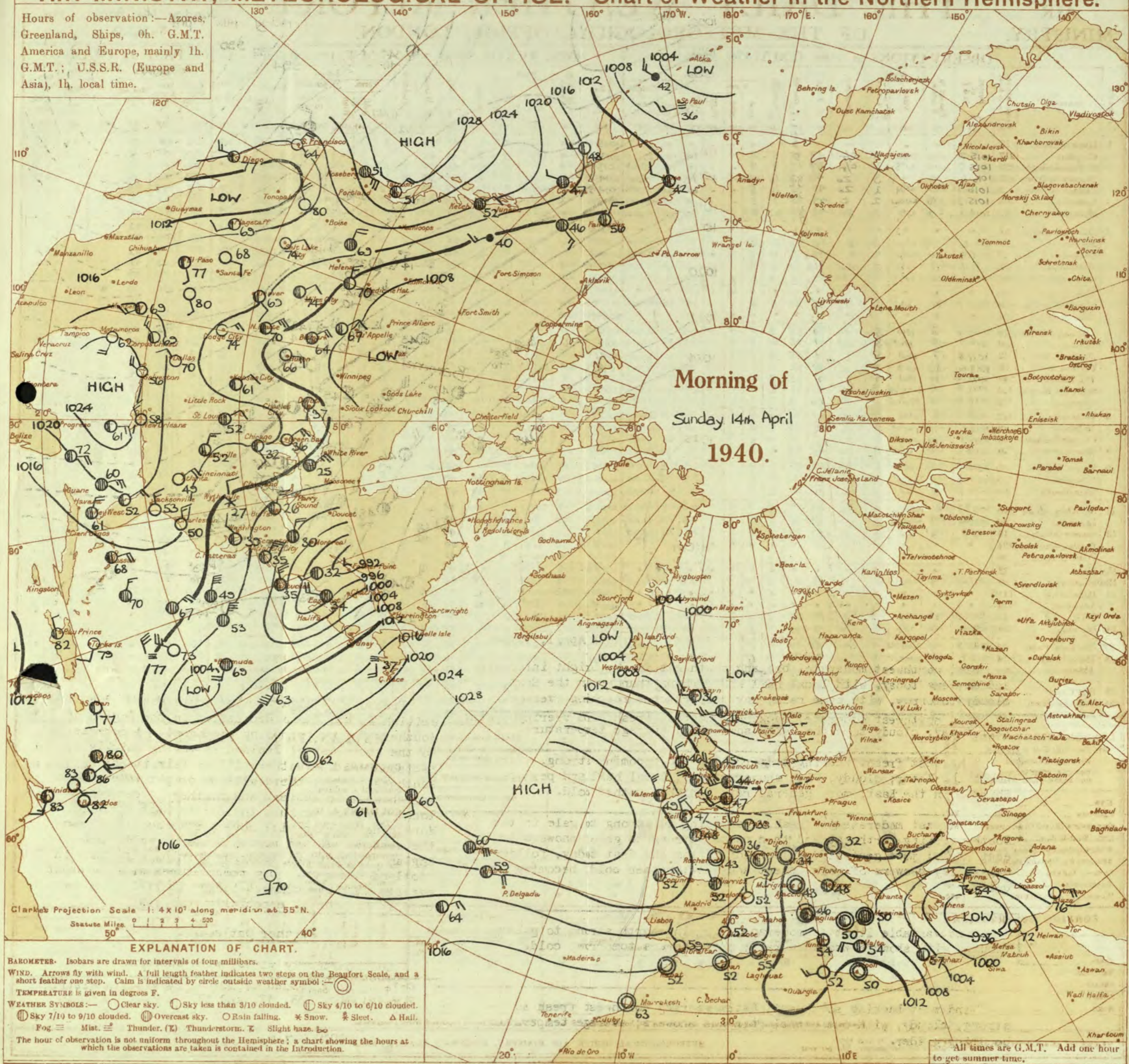
Gale warning issued at 10.30 14/4/40 in districts 7, 8, 12, 13A, 13B, 17, and 18.

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

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

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Sunday 14th April 1940.  
 No 28633.

OBSERVATIONS at 1 hr. G.M.T. 14th April														OBSERVATIONS at 7 hr. G.M.T. 14th April														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 (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 mm. (34)			Night 18h-7h mm. (35)						
																																Low. (12)	Med. (13)	High (14)	Low (12)		Med. (13)
1	London (Kew) ... 217	1015.5	-10	WSW	2	c/r	47	85	5	5	-	-	10	10	2500	1013.3	-4	WNW	2	c	47	75	8	5	3	-	4.6	9	1500	1	*	53	46	43	-	0.1	3.7
	Croydon ... 226	1015.7	-10	WS	3	c/r	47	75	7	5	-	-	10	10	5700	1013.9	-4	WS	2	bc	46	85	7	5	3	-	0	4.6	5700	1	*	53	45	42	-	0.2	1.7
	S. Farnborough ... 417	1016.2	-10	WN	3	z	46	92	6	5	-	-	10	10	5700	1014.5	-6	WN	3	c	44	85	8	1	3	1	Tr	7.8	4000	0	*	53	43	38	-	-	0.9
	Calshot (Stmntn.) ... 8	1016.5	-10	WN	2	z	47	75	6	5	-	-	10	10	4000	1014.9	-2	WNW	2	z	47	75	6	5	-	9	9	5700	0	2	54	45	44	-	Tr	2.5	
	Lympe ... 346	1015.3	-18	WNW	2	c	44	85	7	5	-	-	10	10	4000	1013.5	-2	WNW	2	c	44	85	7	5	4	9	4.6	10	5700	1	2	47	41	38	Tr	Tr	0.6
	Manston ... 154	1014.2	-18	WS	3	z	44	85	6	5	-	-	10	10	4000	1011.8	-4	WNW	4	z	45	85	6	5	3	-	7.8	9	4000	0	*	50	41	41	-	Tr	0.6
2	Shoeburyness ... 11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.8	-4	NW	2	c	47	75	7	5	5	-	7.8	9	4000	1	*	51	45	42	-	Tr	0.3
	Felixstowe ... 15	1011.2	-18	WSW	3	z	46	85	6	5	-	-	9	9	5700	1011.3	-6	WNW	4	c	45	85	7	5	-	9	9	4000	1	1	48	44	41	-	-	1.2	
	Gorleston ... 5	1011.8	-20	WNW	3	c	45	75	6	5	-	-	10	10	2500	1010.1	-6	NW	4	c	46	75	7	5	-	9	9	2500	0	2	47	42	52	-	-	2.6	
	Mildenhall ... 19	1012.6	-18	WS	4	z	46	85	6	5	-	-	10	10	5700	1011.1	-4	WN	3	c	45	85	7	5	7	-	4.6	7.8	5700	1	*	53	43	41	-	-	1.8
	Cranwell ... 240	1012.3	-16	WN	4	z	45	75	6	5	-	-	10	10	4000	1011.1	-2	WNW	3	b	44	75	7	-	-	1	0	Tr	-	0	52	42	39	-	Tr	0.4	
3	Birmingham ... 535	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.0	-2	WNW	2	bc	42	85	6	7	3	-	2.3	4.6	2500	1	*	50	41	37	Tr	1	0.6
	Upper Heyford ... 408	1015.7	-6	W	2	ir	45	85	6	5	-	-	10	10	4000	1014.6	-6	WNW	3	c/d	43	92	7	5	7	-	7.8	9	1500	1	*	52	41	36	-	0.5	*
4	Ross-on-Wye ... 223	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.8	-6	W	3	c	46	75	8	5	-	1	7.8	7.8	4000	0	*	54	45	43	-	-	1.8
5	Hartland Point ... 299	1018.6	-2	NW	3	c	48	85	8	5	4	-	4.6	9	2500	1017.4	0	N	4	c	46	85	8	8	6	-	4.6	9	2500	0	3	48	45	44	-	-	3.2
	Bristol ... 209	1016.9	-10	NW	3	z	47	92	6	5	-	-	9	9	2500	1015.3	-6	WNW	3	c/r	46	85	8	5	3	1	7.8	9	4000	0	*	54	44	41	-	Tr	0.6
	Portland Bill ... 32	1017.8	-8	NW	3	c	46	85	8	5	-	-	10	10	4000	1016.1	+4	NW	3	c	47	92	8	5	4	-	7.8	10	4000	1	2	52	49	-	-	-	*
	Plymouth ... 82	1018.6	-20	WS	2	c	48	92	7	5	-	-	9	9	1500	1018.2	+4	WNW	3	c/pr	48	75	8	5	1	-	9	9	4000	1	1	52	46	40	-	Tr	3.3
	The Lizard ... 240	1020.6	-14	NW	4	c	47	92	8	5	2	-	7.8	9	1500	1019.7	-2	WNW	4	c	47	85	8	7	-	7.8	7.8	2500	0	2	54	33	*	Tr	-	3.6	
	Seilly (St. Mary's) ... 163	1021.4	-4	WNW	4	bc	47	75	8	5	-	-	2.3	2.3	2500	1020.5	+2	WNW	4	c	48	85	7	7	-	4.6	9	2500	0	2	53	47	*	-	-	1.4	
	Guernsey ... 175	1018.8	-10	WNW	2	bc	46	92	8	1	-	-	2.3	2.3	2500	1017.3	+6	WNW	3	c	48	85	7	5	2	-	7.8	10	2500	1	3	53	46	40	-	0.3	10.0
6	Pembroke ... 142	1018.7	-2	NW	4	cq	47	92	8	8	-	-	7.8	7.8	2500	1017.7	0	WNW	4	c	46	92	8	8	7	-	4.6	7.8	2500	1	2	51	45	*	Tr	Tr	4.5
	Holyhead ... 26	1016.1	-10	WN	5	c	46	85	7	8	-	-	10	10	2500	1014.4	-6	WNW	5	c	46	85	7	5	3	1	7.8	7.8	5700	1	3	51	46	44	0.1	Tr	1.9
	Chester (Sealand) ... 16	1015.1	-10	WNW	5	z	47	75	6	5	7	-	7.8	9	1500	1013.4	-6	WNW	5	c	45	85	7	5	7	3	4.6	7.8	4000	1	*	51	42	39	-	2	1.4
8	Manchester ... 70	1014.2	-10	WN	4	z	45	85	6	8	-	-	9	9	1500	1012.7	-2	WNW	4	bc	44	85	7	5	3	-	2.3	4.6	2500	1	*	52	42	31	Tr	Tr	0.8
10	Spurn Head ... 29	1010.2	-18	WS	5	bc	44	85	6	5	-	-	2.3	2.3	1500	1009.0	-2	WN	5	c	43	85	7	-	-	0	0	-	0	3	49	42	*	-	Tr	0.8	
	Catterick ... 175	1011.0	-14	WN	4	pr	45	85	7	8	-	-	7.8	9	2500	1009.5	-6	WNW	5	bc	44	85	7	5	-	5	Tr	4.6	5700	0	*	52	42	38	-	Tr	0.3
	Tynemouth ... 108	1010.9	-8	W	4	c	45	85	7	5	-	-	9	9	2500	1010.1	-4	W	4	bc	42	92	7	2	-	1	2.3	4.6	2500	0	1	53	40	38	-	-	*
11	St. Abbs Head ... 280	1009.1	0	WNW	4	bc	43	75	8	5	4	-	4.6	4.6	2500	1006.6	-8	WNW	5	bc	43	65	8	4	4	9	4.6	4.6	2500	0	3	53	41	*	-	-	*
	Leuchars ... 36	1009.6	-4	WNW	2	c	44	75	8	5	-	-	7.8	7.8	4000	1006.8	-10	SW	4	c	43	75	7	5	5	-	4.6	9	4000	0	*	57	41	37	-	-	5.1
12	Renfrew (Abbots I.) ... 19	1011.7	-8	SW	3	c	43	85	7	5	-	-	7.8	7.8	2500	1009.8	-10	WN	3	ir	44	75	7	5	-	9	9	1500	0	*	53	41	37	0.2	0.2	2.7	
	Eskdalemuir ... 794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.4	-10	WS	3	c	40	85	8	5	7	-	7.8	9	1500	1	*	37	34	*	Tr	-	2.5
	Point of Ayre ... 30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.5	-4	WNW	4	c	45	85	8	5	-	9	9	2500	1	3	53	43	*	-	2	2.8	
13A	Tiree ... 22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.6	-14	WN	4	dodo	45	85	7	5	-	10	10	1500	1	4	50	42	*	1	1	1.4	
13B	Stornoway ... 80	1010.0	-4	WNW	4	c	42	85	6	8	7	-	7.8	9	1500	1006.0	-18	WNW	5	PR	40	85	7	8	2	-	4.6	10	1500	1	2	49	40	*	1	2	2.0
15	Dalwhinnie ... 1176	*	*	*	*																																

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

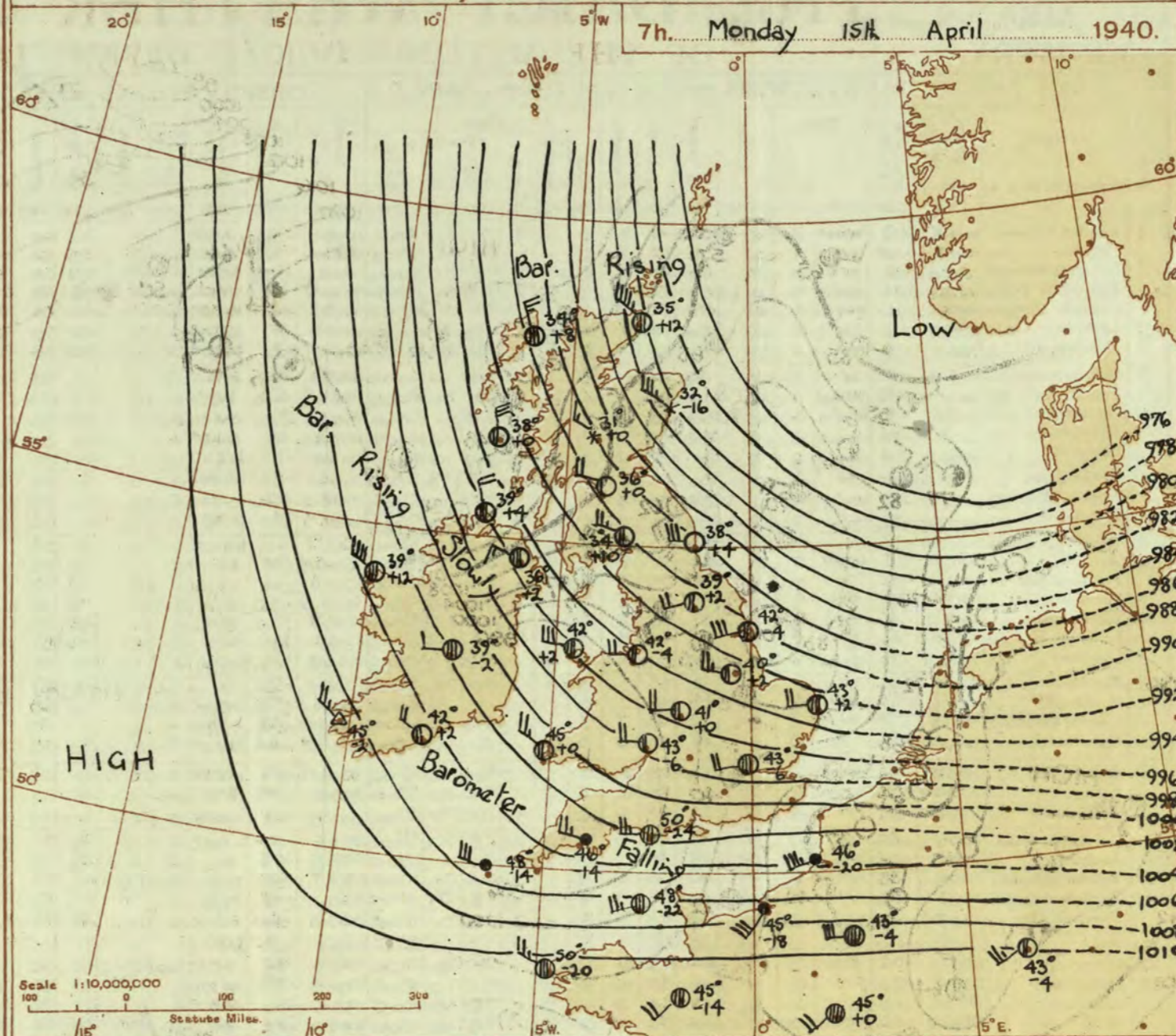
SECRET

BRITISH SECTION  
Monday 15th April 1940.  
No 28634

OBSERVATIONS at 13h. G.M.T. 14th April														OBSERVATIONS at 18h. G.M.T. 14th April														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. 0-6 (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. 14th. (37)	13h.—18h. 14th. (38)	18h. 14th to 1h. 15th (39)	1h.—7h. 15th. (40)
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Calshot (Soton.) ... Lymington ... Manston ...	1011.8 1011.9 1012.4 1013.3 1013.4 1012.7 1011.1	-12 -10 -14 -14 -10 -6 -10	WNW W WN WNW WNW W WN	4 4 3 3 3 3 4	c c c c c c c	53 52 43 52 52 50 51	45 65 45 68 68 66 55	8 8 8 8 7 7 8	5 5 4 2 7 6 3	8 3 8 2 3 3 1	3 3 7 3 3 3 7	1500 2500 4000 4000 4000 4000 2500	1008.1 1009.4 1009.1 1010.2 1010.8 1010.3 1007.9	-2.6 -2.2 -2.2 -2.2 -1.4 -1.2 -1.6	WSW SW WSW WN WNW SWW WS	3 4 4 3 4 3 3	c c c c c c c	52 52 52 48 51 49 50	65 65 55 66 65 75 58	8 8 8 8 8 8 8	5 4 8 5 7 5 5	1 1 7 7 7 1 6	4 6 4 2 3 7 4	10 10 10 2500 2500 2500 4000	1 1 1 0 0 1 0	*	cbeey bbce cprbeey c c c cbeey	cy cye cye cye cye cye cbeey	c cbe cye c c c cycm	or. Rgc ce. Rgc ce. Rgc ce. Rgc ce. Rgc ce. Rgc cm. PHR				
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1011.6 1010.9 1009.2 1009.4 1009.2	-12 -12 -8 -14 -14	WN WNW WNW WNW WNW	2 3 3 3 3	c c c c c	52 50 50 52 51	65 65 65 65 65	7 7 7 7 7	5 4 8 3 3	10 10 9 10 10	10 10 9 10 10	4000 4000 2500 4000 4000	1008.9 1007.2 1005.9 1005.6 1004.1	-1.6 -2.0 -2.0 -1.8 -3.6	WS W W WS WS	2 4 3 3 5	c c c c c	51 51 51 51 51	65 65 65 65 65	7 7 7 8 8	5 5 7 8 5	1 7 1 1 1	4 6 3 10 2	7 9 10 4000 2500	1 0 0 0 0	*	bcey cbe cbe c bcey	cbe cbe c cy cey	c c c cy c	ce. Rgc ce. Rgc ce. Rgc ce. Rgc ce. Rgc				
3	Birmingham ... Upper Heyford ... Ross-on-Wye ...	1011.0 1012.2 1012.8	-20 -18 -20	W WNW WN	4 4 4	c c c	50 52 52	45 55 55	8 8 8	7 8 4	7 10 7	7 10 4	2500 2500 2500	1006.1 1008.0 1008.2	-3.4 -2.0 -3.0	WSW W WS	4 4 5	c c c	50 51 50	55 55 65	8 8 8	1 4 8	2 1 1	1 10 10	2500 2500 2500	1 1 0	*	bce c bcey	c cy cy	c c c	ce. Rgc ce. Rgc ce. Rgc				
4	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	1016.3 1013.9 1014.6 1017.2 1019.3 1020.3 1017.0	-12 -14 -12 -8 -4 -4 -12	WN WNW W WN WN WN WNW	4 5 4 4 4 4 4	c c c c c c c	52 55 48 52 51 55 52	65 65 52 55 75 65 75	7 8 8 8 8 8 8	7 8 5 2 6 5 7	2 2 4 4 4 4 1	3 9 10 4 4 4 2	2500 2500 4000 2500 2500 2500 2500	1011.2 1003.8 1011.3 1014.0 1016.8 1015.7 1014.8	-1.0 -6.8 -1.4 -3.0 -2.0 -3.2 -1.6	WNW W W WNW WN WN WNW	6 6 4 4 6 6 4	c c c c c c c	48 48 49 50 49 50 48	65 65 65 65 65 65 65	7 8 8 8 8 7 7	5 8 1 5 8 7 5	7 6 1 1 1 8 2	4 3 10 2500 2500 2500 5700	0 0 0 0 0 0 3	4	bcebe cy c c cbeebay cbe cbe	bce c c beye bce cbe	c c c cm bce cbe	ce. Rgc ce. Rgc ce. Rgc ce. Rgc ce. Rgc ce. Rgc ce. Rgc					
5	Pembroke ... Holyhead ... Chester (Sealand) ... Manchester ...	1015.7 1011.2 1010.8 1010.0	-20 -26 -24 -22	W WSW WN W	4 4 5 5	c c c c	49 52 51 48	65 65 65 65	7 7 7 8	8 5 8 8	7 10 10 10	7 10 10 10	2500 4000 4000 2500	1009.1 1004.1 1003.6 1002.7	-2.6 -2.8 -4.4 -4.4	W WSW WSW SWW	7 5 4 5	c c c c	48 50 52 50	65 65 65 65	7 7 7 7	8 9 5 5	7 1 2 7	7 10 10 4000	0 1 0 0	*	c c c bce	cy cy cy cey	c c c cey	ce. Rgc ce. Rgc ce. Rgc ce. Rgc					
6	Spurn Head ... Catterick ... Tynemouth ...	1006.1 1006.4 1005.7	-24 -26 -32	WN WSW W	6 4 4	c c c	50 48 47	65 75 65	6 8 6	3 5 8	1 2 3	10 10 9	1500 2500 2500	1001.2 993.4 997.5	-3.2 -3.2 -4.8	WSW SW WSW	6 4 5	c c c	49 48 50	62 70 76	6 7 7	6 2 2	2 2 2	10 10 2500	0 1 0	4	c c bce	c c c	c c c	ce. Rgc ce. Rgc ce. Rgc					
7	St. Abbs Head ... Leuchars ... Renfrew (Abbots L.) ... Eskdalemuir ... Point of Ayre ...	1001.2 999.7 1003.3 1003.7 1007.2	-36 -42 -38 -36 -40	W SW WNW W WNW	5 4 6 5 6	c c c c c	48 48 49 46 53	65 75 75 85 65	8 7 5 7 8	8 7 5 6 8	6 7 5 1 6	10 10 9 9 9	2500 1500 1500 1500 2500	991.4 988.8 993.7 995.1 999.6	-3.6 -6.8 -6.0 -4.8 -3.0	W W WS WS WN	7 6 6 6 6	c c c c c	46 46 44 42 48	75 75 92 85 75	8 8 8 8 8	2 5 7 6 8	2 6 7 1 2	7 2 3 10 7	2500 1500 800 1500 2500	0 1 1 1 0	3	c c c c c	c c c c c	c c c c c	ce. Rgc ce. Rgc ce. Rgc ce. Rgc ce. Rgc				
8	Three ... Stormway ... Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	1000.0 999.0 999.3 997.4 994.3 993.9	-50 -50 -60 -40 -46 -24	WSW WSW W WN WSW W	6 5 5 5 5 4	c c c c c c	46 44 41 49 44 37	85 92 85 65 92 85	7 8 6 7 7 8	5 2 5 2 5 2	10 10 2 10 10 10	10 10 1500 1500 1500 800	992.4 983.8 990.3 985.6 982.9 983.2	-3.2 -6.2 -8.2 -7.0 -4.8 -4.2	WNW W S WS SW S	6 8 4 4 5 6	c c c c c c	45 43 39 47 49 39	85 95 85 75 97 92	7 6 7 7 7 7	7 5 6 7 7 6	1 1 1 1 8 2	10 78 2500 2500 2500 800	1 1 1 1 1 1	5	c c c c c c	c c c c c c	c c c c c c	ce. Rgc ce. Rgc ce. Rgc ce. Rgc ce. Rgc ce. Rgc						
9	Blackod Point ... Malin Head ... Aldergrove ...	1011.6 1004.3 1007.4	-40 -50 -38	W W WSW	6 5 5	c c c	51 47 51	75 85 65	7 6 7	5 6 5	10 9 7	10 9 2500	1005.5 996.9 999.2	-4.0 -4.8 -5.4	W W WS	7 6 5	c c c	49 46 47	85 75 85	7 6 7	5 5 6	1 1 2	10 10 10	1500 1500 500	0 0 1	4	c c c	cy cey cey	cy cbe c	ce. Rgc ce. Rgc ce. Rgc					
10	Birr Castle ... Valentia Obay. † Roches Point ...	1013.2 1013.1 1016.7	-56 -50 -28	WNW W WNW	4 4 4	c c c	55 52 56	55 65 65	8 8 8	3 7 5	6 1 3	2500 1500 4000	1007.8 1013.7 1010.9	-3.2 -3.2 -3.4	WNW WN WNW	4 5 4	c c c	49 51 54	75 75 55	8 8 8	2 5 7	2 1 6	4 10 2	10 1500 2500	1 0 0	*	cy bcebe bce	c c cy	c c c	ce. Rgc ce. Rgc ce. Rgc					

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 15th April 1940.



## DISTRICTS.

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

1 S.E. England	Wind squally west-northwest to northwest, strong, reaching gale force at times on coasts, moderating slowly tomorrow; bright intervals and showers of rain and hail, with perhaps snow showers tomorrow morning; snow will fall on high ground; local thunder; rather cold, with frost locally tomorrow morning.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind squally west-northwest to northwest, strong to gale, moderating slowly tomorrow; bright intervals and showers of hail, sleet and snow; local thunder; cold, with frost locally tomorrow morning.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W.Scot- land.	Wind squally, northwest to north strong to gale, moderating slowly tomorrow; frequent showers of hail and snow, with appreciable falls on high ground; local thunder; cold, with frost tomorrow morning.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Wind northwest fresh and squally; strong to gale on north coast, moderating slowly tomorrow; showers of hail and sleet; local thunder; cold, with local frost tomorrow morning.
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 over Southern Norway is moving east. Strong cold northwest to north winds will prevail, reaching gale force at times in the north and east. There will be bright intervals and showers of rain and hail in the south, with perhaps snow showers tomorrow; frequent showers of snow and hail will fall in the north, especially on high ground in North Scotland. Thunder will occur locally. There will be frost locally at night.

## FURTHER OUTLOOK.

Cold northwest to north winds and wintry showers.

## Time of Issue of Gale Warnings.

Gale warning issued at 1030 on 14/4/40 in districts 7,8,12,13A, 13B, 17 and 18. In districts 10,11 and 15 at 1500 on 14/4/40. In districts 2,6,13,19 and 20 at 1930 on 14/4/40. In districts 1 and 5 at 2315 on 14/4/40.

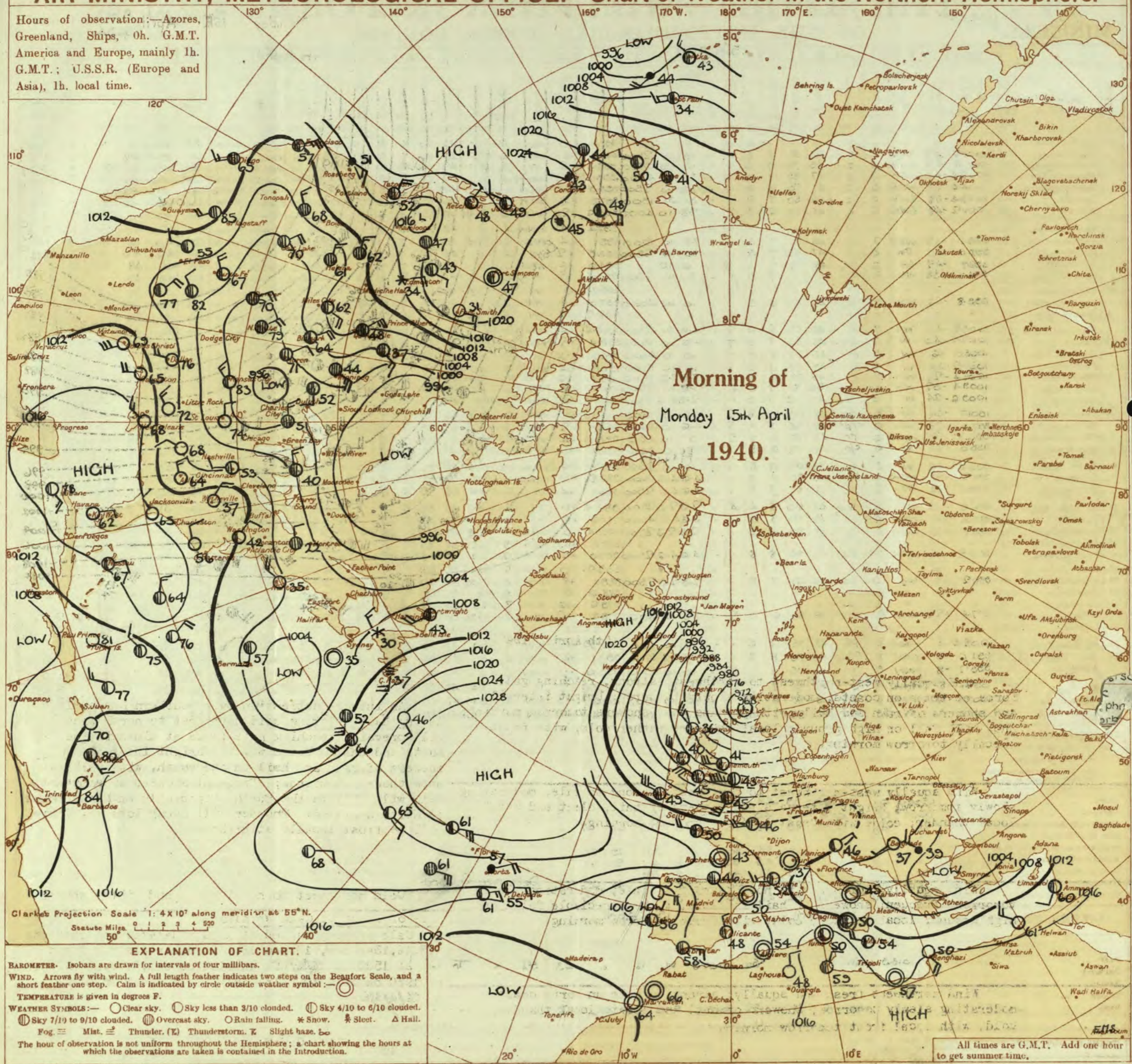
Forecasts issued at 1030 .G.M.T.

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.





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MINISTRY.

# THE DAILY WEATHER REPORT

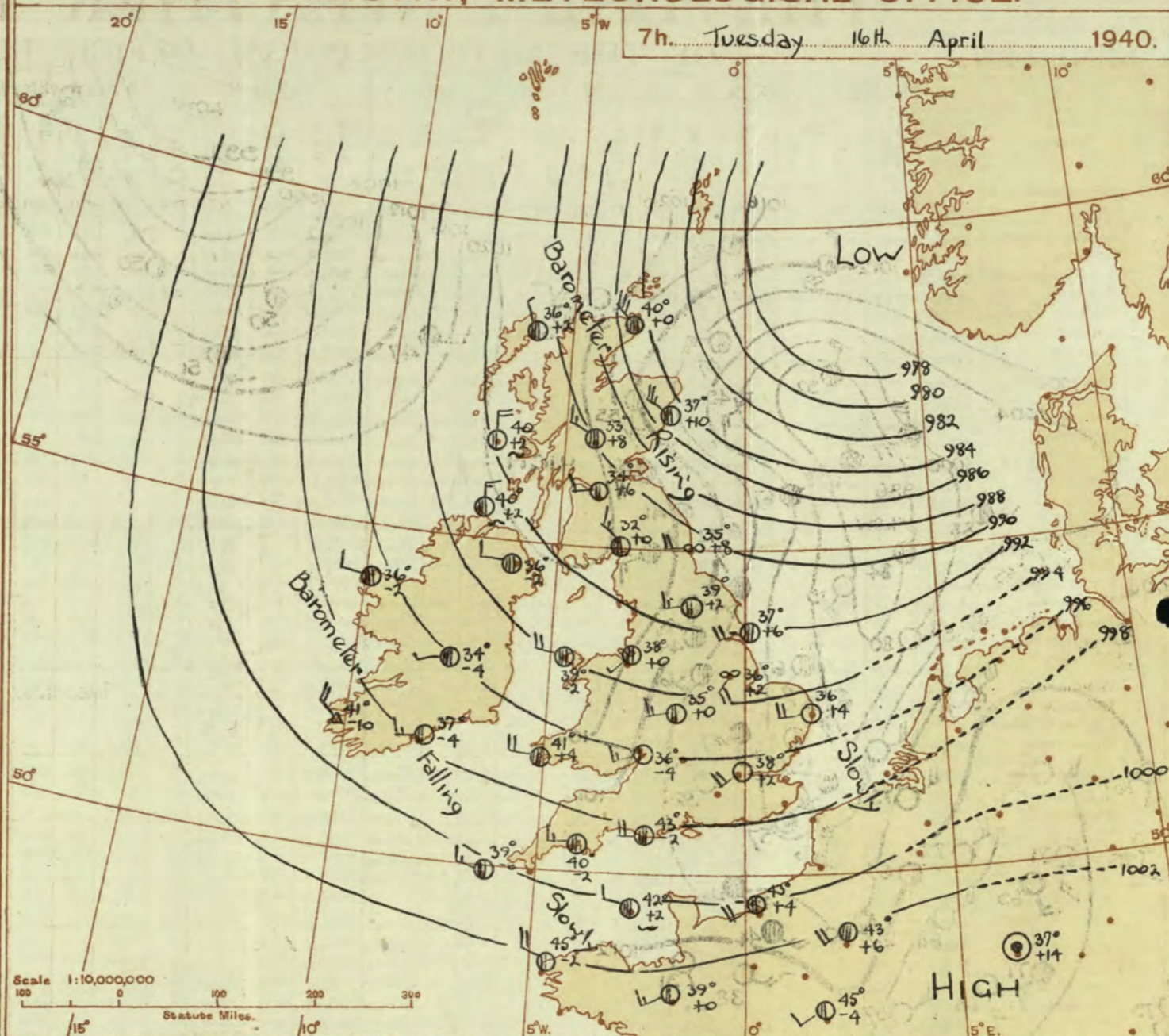
## OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Tuesday, 16th April, 1940.  
No 28635

OBSERVATIONS at 13h. G.M.T. 15th April														OBSERVATIONS at 18h. G.M.T. 15th April														PAST 24 HOURS.							
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				Barom. at M.S.L. (29)	Change in 8 hours. (30)	WEATHER.							
				Dir.	Force. 0-12 (4)					Form.	Amount. Low Total 0-10 0-10 (10) (11) (12) (13)	Height of Base. (feet) (14)	Dir.			Force. 0-12 (18)	Form.					Amount Low Total 0-10 0-10 (23) (24) (25) (26)	Height of Base (feet) (28)	State of Ground. 0-6 (29)	Sea. 0-9 (30)			7h.—13h. 15th (37)	13h.—18h. 15th (38)	18h. 15th to 1h. 16th (39)	1h.—7h. 16th (40)				
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lympne Manston	996.7 997.3 997.3 998.4 998.7 999.8 996.8	-4 -6 -10 -10 -12 -4 +6	W/N WSW W W/N W/S W/S W	4 6 6 6 6 4 5	c bc c c c c bc	50 51 51 48 53 50 50	33 33 45 55 45 45 45	8 8 8 8 8 9 8	2 2 2 2 1 2 2	- - 3 - - - -	- - 4-6 4-6 2-3 7-8 2-3 2-3	9 9 9 9 8 9 8	2500 4000 4000 2500 2500 2500 2500	996.2 998.2 996.6 997.8 998.2 997.2 995.8	+2 +10 -4 +6 0 -2 -2	SW/W SW/W WSW WNW WNW WSW NW/W	5 4 8 6 4 4 3	2 2 8 8 8 4 3	46 46 43 43 47 45 43	55 66 55 63 53 55 75	6 7 8 8 7 9 8	1 2 3 3 3 3 3	- - - - - - -	9 2-3 2-3 4-6 4-6 2-3 4-6	1500 4000 4000 2500 2500 2500 800	1 1 1 1 1 2 0	*	cy cbe cbe cbe cbe cbe cbe	qphrs pqr cbe cbe cbe cbe cbe	bce bce bce bce bce bce bce	bcb c c c c c c	bcbm c c c c c c c		
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	999.7 995.1 993.7 994.5 993.4	-2 -2 0 +2 0	W/S WNW WNW W/S W/N	3 5 6 4 5	bc bc bc c c	52 52 48 47 47	75 45 75 55 43	7 8 7 8 8	8 3 8 8 2	- - - - -	- - - - -	4-6 7-8 4-6 7-8 4-6	2500 2500 2500 4000 4000	995.9 994.7 998.4 994.0 992.4	0 -6 -2 -4 0	W/N W WSW W/S W/N	2 4 4 5 4	c bc bc c bc	45 63 42 40 44	65 85 65 85 45	8 8 7 8 7	8 4 4 3 1	- - - - -	7-8 4-6 2-3 4-6 2-3	2500 2500 2500 2500 2500	1 2 0 1 0	*	cbe cbe cbe cbe cbe	qphrs cbe cbe cbe cbe	bce bce bce bce bce	bcb bcb bcb bcb bcb	bcbm bcb bcb bcb bcb		
3	Birmingham Upper Heyford	996.8 996.4	0 -14	WNW W/N	5 5	c ph	47 47	75 55	8 9	- -	- -	- -	4-6 7-8	1500 800	996.1 996.1	-2 -2	NW WNW	3 5	c c	39 41	75 65	8 8	3 3	7 6	- -	7-8 4-6	1500 800	1 1	*	cbe cbe cbe	qphrs cbe cbe	bce bce bce	bcb bcb bcb	bcbm bcb bcb	
4	Ross-on-Wye ...	997.4	-4	W/N	6	bc	46	45	8	2	-	-	4-6	4000	996.6	-6	WNW	5	bc	44	45	8	3	-	-	4-6	4000	0	*	cbe cbe	qphrs cbe	bce bce	bcb bcb	bcbm bcbm	
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Seilly (St. Mary's) Guernsey ...	1001.5 998.5 1000.5 1002.5 1004.2 1004.5 1003.4	-6 -10 -6 -6 -10 -6 -6	NW W W W NW NW NW	4 6 4 5 5 5 4	c bc c c c c c	49 46 50 50 49 50 49	75 63 55 35 65 55 75	7 8 9 8 8 8 5	1 3 3 2 6 6 1	- - - - - - -	- - - - - - -	7-8 2-3 4-6 4-6 7-8 4-6 7-8	2500 2500 2500 4000 1500 1500 2500	1001.5 998.6 997.7 999.7 1000.9 1002.8 1002.7	-12 -12 -4 -8 -12 -6 -10	W/N WNW W W WNW W W	5 4 3 4 5 4 4	bc bc c bc bc bc c	47 45 45 45 47 47 47	85 65 75 85 75 75 75	8 8 2 2 8 8 8	3 3 2 2 6 6 4	- - - - - - -	4-6 2-3 4-6 4-6 4-6 4-6 4-6	300 1500 1500 4000 2500 1500 300	1 0 1 1 0 1 1	4 3 4 4 2 3 3	cbe cbe cbe cbe cbe cbe cbe	qphrs cbe cbe cbe cbe cbe cbe	bce bce bce bce bce bce bce	bcb bcb bcb bcb bcb bcb bcb	bcbm bcbm bcbm bcbm bcbm bcbm bcbm		
6	Pembroke ...	1000.0	-6	WNW	6	bc	47	55	8	3	1	1	2-3	4000	998.6	-12	WNW	6	q	45	65	8	3	6	-	2-3	4000	1500	1	3	cbe cbe	qphrs cbe	bce bce	bcb bcb	bcbm bcbm
7	Holyhead ...	995.8	-2	WNW	5	c	43	75	8	3	-	3	9	1500	995.2	-6	WNW	5	c	42	75	8	2	3	-	4-6	4000	1500	1	3	cbe cbe	qphrs cbe	bce bce	bcb bcb	bcbm bcbm
8	Chester (Sealand) Manchester ...	995.3 994.0	-2 -2	W/S W	5 5	ph bc	45 47	65 45	8 8	3 2	- -	3 -	9 4-6	1500 4000	994.7 994.0	-2 0	WNW W/N	5 4	bc bc	43 42	55 65	8 8	3 2	- -	- -	4-6 4-6	4000 4000	1 1	*	cbe cbe	qphrs cbe	bce bce	bcb bcb	bcbm bcbm	
10	Spurn Head ... Catterick ... Tynemouth ...	990.9 990.3 988.6	0 -2 0	W W/S NW	7 6 6	c bc bc	47 48 46	55 53 55	7 8 8	2 2 2	- - -	- - -	7-8 4-6 4-6	1500 2500 2500	989.9 990.1 988.5	0 -6 +4	W WSW W	7 4 6	bc c c	44 42 44	65 65 65	7 8 8	7 2 8	- - -	0 2-3 7-8	1 2500 2500	0 1 1	4 4 2	cbe cbe cbe	qphrs cbe cbe	bce bce bce	bcb bcb bcb	bcbm bcbm bcbm		
11	St. Abbs Head Leuchars ...	985.3 985.6	-10 -4	NW NW	7 5	c ph	42 46	92 45	9 9	2 3	4 7	8 7	4-6 7-8	2500 2500	985.0 985.4	-4 -2	WNW WNW	6 5	bc bc	42 43	65 55	8 9	4 4	2 2	2-3 2-3	4000 4000	0 0	4 4	cbe cbe	qphrs cbe	bce bce	bcb bcb	bcbm bcbm		
12	Renfrew (Abbots L.) Eskdalemuir ... Point of Ayre ...	990.3 989.2 991.2	-2 +2 +6	NW NW NW	6 6 6	c c c	45 43 38	55 45 97	9 8 8	3 8 8	4 - 6	4 - 5	4-6 7-8 2-3	2500 2500 1500	990.1 988.3 993.2	-4 -8 -4	NW NW NW	5 6 6	c c bc	39 37 43	75 75 65	8 8 8	3 5 3	7 - -	4-6 7-8 2-3	2500 2500 2500	1 1 1	*	cbe cbe cbe	qphrs cbe cbe	bce bce bce	bcb bcb bcb	bcbm bcbm bcbm		
13A	Tiree ...	992.5	0	NW/N	6	ph	33	65	8	3	-	-	4-6	4000	992.0	-2	NW/N	6	bc	41	75	8	8	6	-	4-6	4000	1500	0	5	cbe cbe	qphrs cbe	bce bce	bcb bcb	bcbm bcbm
13B	Stornoway ...	987.9	-4	WNW	8	c	43	65	7	8	-	-	7-8	1500	990.1	+12	NW	4	ph	37	75	8	8	-	-	7-8	1500	1500	1	2	cbe cbe	qphrs cbe	bce bce	bcb bcb	bcbm bcbm
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	* 982.3 981.2 972.8	-2 +6 0 -24	W NW NW E	4 6 7 8	c c c c	36 40 41 37	85 75 65 97	5 8 8 6	3 7 7 2	- - - -	2 7 8 -	7-8 7-8 4-6 4-6	10 1500 1500 800	* 983.7 983.6 979.9	+4 +8 +10 +14	WNW NW NW N	4 5 7 5	c c c c	34 38 40 39	85 85 75 97	5 8 8 7	- - - -	10 4-6 7-8 4-6	10 1500 1500 800	4 1 1 1	4 3 3 3	cbe cbe cbe cbe	qphrs cbe cbe cbe	bce bce bce bce	bcb bcb bcb bcb	bcbm bcbm bcbm bcbm			
17	Blacksod Point... Malin Head ... Aldergrove ...	1001.3 995.5 996.1	-4 0 +8	WNW WNW NW	7 4 4	ps c ps	43 41 34	65 65 97	7 8 5	6 2 3	- - -	- 5 -	9 2-3 10	1500 5700 800	1000.5 994.5 994.6	-10 -6 -6	WNW W W/N	6 4 4	ph PH c	38 40 41	92 85 65	8 8 9	9 2 3	- - 3	9 4-6 7-8	800 5700 1500	1 0 1	4 4 *	ps cbe cbe	qphrs cbe cbe	bce bce bce	bcb bcb bcb	bcbm bcbm bcbm		
19	Birr Castle ...	1000.4	-10	W	4	bc	46	35	8	8	-	-	4-6	1500	999.6	-2	W	3	bc	42	65	8	5	4	-	2-3	2500	1500	1	*	cbe cbe	qphrs cbe	bce bce	bcb bcb	bcbm bcbm
20	Valentia Obsy. † Roches Point ...	1005.6 1002.5	-6 -16	NW NW	6 6	pr bc	42 48	85 55	8 3	9 2	- -	- -	7-8 4-6	1500 2500	1003.8 1001.0	-10 -6	NW NW	5 5	ph ph	43 43	75 75	8 8	3 3	- -	9 4-6	2500 2500	1 1	3 3	cbe cbe	qphrs cbe	bce bce	bcb bcb	bcbm bcbm		

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 16th April 1940.



## DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 16th April, 1940.

1 S.E. England	Wind westerly moderate to fresh locally; bright periods; squally showers of rain and hail; local thunderstorms especially in the East; rather cold by day, frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind northwest to west, moderate; squally rain and hail showers today; bright periods; chance of rain spreading from west tomorrow; rather cold.
6 South Wales ...	
7 North Wales ...	Wind northwest to north, moderate to fresh on the East coast at first; wintry showers with snow on high ground in the North; bright periods; cold, frost at night.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

As 5 - 6.

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

## GENERAL INFERENCE.

A deep depression off Southwest Norway is almost stationary and will become less deep. Small secondaries are likely to move southeastwards over the country. Weather will be rather cold with heavy showers and bright periods. Frost will occur at night in many districts.

## FURTHER OUTLOOK.

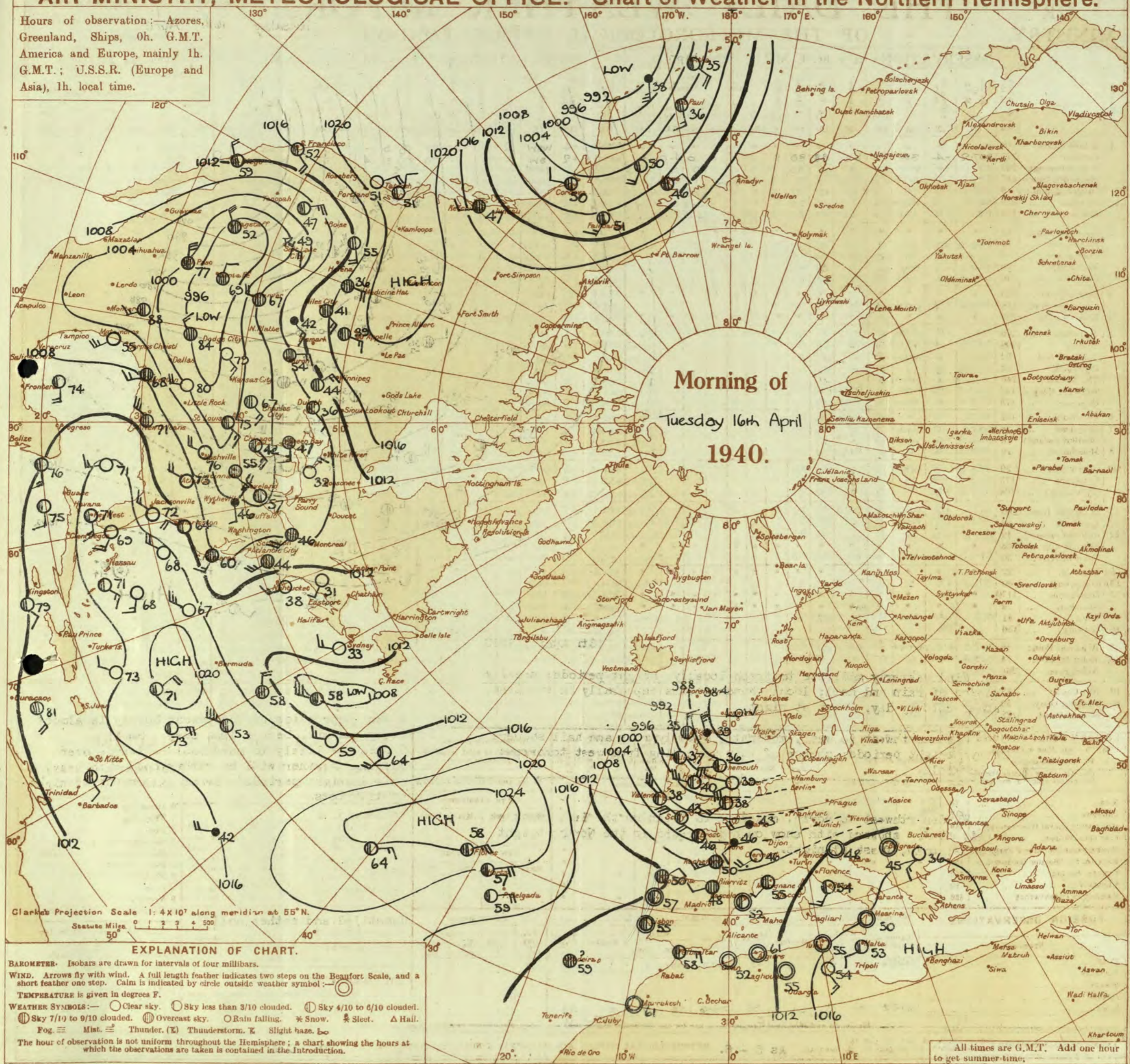
Unsettled and rather cold.

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

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

# 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, 16th April, 1940.

No. 28635.

OBSERVATIONS at 1 hr. G.M.T. 16th April														OBSERVATIONS at 7 hr. G.M.T. 16th April														PAST 24 HOURS.								
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs.		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-15h °F.	Min. Night 15h-7h °F.			Min. on Grass °F.	Day 7h-15h mm.	Night 15h-7h mm.					
																																0-12	0-9		0-10	0-10
1	London (Kew) ...	18	30.7	-4	SW	3	bc	38	85	8	4	1	0	4	30.7	+4	WSW	2	z	37	85	6	5	-	-	2.3	2.3	2500	1	51	35	27	1	Tr	7.3	
	Croydon ...	217	30.7	-4	SW	4	bc	37	85	7	5	-	0	4	30.7	+2	SW	4	b	38	85	8	5	4	-	Tr	Tr	1500	1	51	34	30	1	Tr	6.3	
	S. Farnborough ...	226	30.7	-4	SW	4	bc	37	85	7	5	-	0	4	30.7	+4	WSW	3	b	36	85	9	7	4	-	Tr	Tr	1400	1	52	32	28	1	Tr	7.2	
	Boscombe Down ...	417	30.7	-6	SW	2	bc	34	97	8	6	3	-	1	30.7	0	WSW	3	c/p	34	97	8	3	4	3	4	7.8	1500	4	51	30	25	0.1	3	7.3	
	Calshot (St. Mary's) ...	8	30.8	-2	W	2	z	33	75	6	5	-	0	4	30.8	0	W	2	b	35	75	8	1	4	-	Tr	Tr	1400	0	54	34	28	0.1	-	6.3	
	Lymington ...	346	30.7	+2	WSW	3	c	35	75	8	5	3	-	4	30.8	+6	WSW	2	b	35	75	8	2	-	-	1	1	4000	1	53	33	28	1	-	3.4	
	Manston ...	154	30.6	-2	WSW	3	bc	35	85	7	5	-	0	4	30.6	+4	WS	3	b	37	85	8	2	-	-	1	1	2500	0	53	32	27	1	-	4.0	
2	Shoeburyness ...	11	30.7	-4	W	4	b	38	75	7	-	-	0	0	30.7	+6	WS	1	b	44	75	6	-	-	-	0	0	-	*	54	37	31	1	-	6.3	
	Felixstowe ...	15	30.8	+4	W	4	b	38	75	7	-	-	0	0	30.7	+2	WSW	4	b	37	85	7	2	-	-	Tr	Tr	2500	1	54	34	29	0.5	-	6.8	
	Gorleston ...	5	30.8	+2	W	3	b	38	75	7	-	-	0	0	30.7	+4	WSW	4	b	36	85	7	-	-	-	0	Tr	Tr	2500	0	51	33	32	Tr	-	7.7
	Mildenhall ...	19	30.8	+2	SW	4	b	38	85	7	-	-	0	Tr	30.7	+4	SW	3	b	34	85	7	5	4	-	1	1	4000	1	50	31	27	2	-	5.4	
	Cranwell ...	240	30.8	-6	WS	4	z	38	85	6	-	3	-	0	30.8	+2	SW	4	z	36	85	6	-	3	3	0	4	4000	0	49	32	29	Tr	-	10.0	
3	Birmingham ...	535	30.6	-2	WSW	3	b	37	85	7	-	7	-	0	30.6	0	WSW	3	bc	35	75	8	5	4	-	2.3	2.3	2500	1	48	31	29	0.8	7.5		
	Upper Heyford ...	408	30.6	-2	WSW	3	b	37	85	7	-	7	-	0	30.6	+2	SW	2	b	33	85	7	4	-	-	0	Tr	Tr	2500	1	48	28	18	Tr	-	7.5
4	Ross-on-Wye ...	223	30.6	-2	WSW	3	b	37	85	7	-	7	-	0	30.6	-4	SW	3	b	33	75	8	8	-	3	1	1	4000	0	49	32	27	0.4	Tr	8.0	
5	Hartland Point ...	209	30.8	-6	WNW	4	c	42	65	3	3	-	7.8	7.8	30.7	-4	NW	4	c/p	40	75	3	3	-	3	7.8	3	2500	1	48	37	35	0.2	3	7.5	
	Bristol ...	209	30.7	-14	WSW	2	b	35	85	8	4	-	1	1	30.7	0	SW	3	c	36	86	8	6	-	-	4	7.8	2500	1	51	33	24	2	0.2	5.4	
	Portland Bill ...	32	30.8	-4	WNW	4	c	42	65	3	3	-	10	10	30.7	-2	W	4	c	43	85	8	2	-	-	7.8	7.8	4000	1	51	35	2	-	-	-	
	Plymouth ...	82	30.9	-8	W	4	b	41	75	8	2	-	1	1	30.8	-2	W	3	bc	40	75	8	3	-	3	2.3	4	1500	1	51	38	35	0.1	0.1	8.5	
	The Lizard ...	240	1000.8	-8	WNW	4	bc	42	75	8	8	-	4	4	30.8	-8	WNW	3	bc	41	75	8	8	-	3	2.3	4	1500	1	52	38	1	3	6.4		
	Scilly (St. Mary's) ...	163	1000.8	-12	WNW	4	bc	42	75	8	8	-	4	4	30.8	-8	WNW	3	bc	41	75	8	8	-	3	2.3	4	1500	1	51	38	1	3	6.4		
	Guernsey ...	175	30.9	-6	WNW	4	bc	43	75	3	1	3	-	2.3	30.9	+2	WNW	2	c	42	75	3	3	-	-	7.8	7.8	1500	1	51	40	35	2	0.3	9.2	
6	Pembroke ...	142	30.7	0	NW	4	bc	40	75	8	8	-	4	4	30.7	+4	WNW	4	cq	41	75	8	8	-	-	4	7.8	1500	1	48	33	Tr	Tr	0.0		
7	Holyhead ...	26	30.4	-6	WNW	5	c	40	75	8	2	-	7.8	7.8	30.3	-2	WN	4	c/p	39	85	8	8	-	-	7.8	7.8	2500	1	45	38	36	0.2	Tr	7.5	
	Chester (Sealand) ...	16	30.4	-6	WSW	3	b	37	75	8	8	-	1	1	30.3	0	SW	1	c	38	75	8	8	-	1	4	7.8	2500	1	47	36	30	2	-	7.8	
8	Manchester ...	70	30.3	-6	W	4	bc	36	92	6	3	-	2.3	2.3	30.3	+2	WN	3	pr	36	92	6	5	-	-	10	10	800	1	49	30	29	-	1	10.6	
10	Spurn Head ...	29	30.3	0	WSW	6	b	38	85	6	-	-	0	0	30.3	+6	SW	4	c	37	85	7	2	4	-	4	7.8	2500	0	48	34	Tr	Tr	10.8		
	Catterick ...	175	30.2	+2	W	3	c	38	85	7	5	3	-	7.8	30.2	+2	W	3	bc	39	75	8	2	-	3	2.3	4	2500	1	48	33	24	-	-	11.2	
	Tynemouth ...	108	30.8	+2	W	5	bc	36	85	7	2	-	2.3	2.3	30.2	+8	W	4	z	35	85	6	-	-	-	7.8	7.8	2500	1	49	34	33	0.2	-	-	
11	St. Abbs Head ...	280	30.7	+8	WNW	6	bc	38	65	8	4	4	-	4	30.8	+8	WNW	6	cq	38	65	8	5	2	-	7.8	3	2500	0	44	37	Tr	Tr	5.7		
	Leuchars ...	36	30.7	+2	WNW	5	c	38	65	5	5	4	-	7.8	30.8	+6	NW	4	c	39	65	3	8	-	-	7.8	7.8	4000	0	43	36	32	Tr	-	5.7	
12	Renfrew (Abbots) ...	19	30.1	+6	W	3	b	33	85	8	5	-	Tr	Tr	30.1	+6	W	2	bc	34	85	8	5	-	-	4	4	4000	1	46	31	26	1	Tr	9.3	
	Eskdalemuir ...	794	30.1	+6	W	3	b	33	85	8	5	-	Tr	Tr	30.1	+6	W	2	bc	34	85	8	5	-	-	4	4	4000	1	46	31	26	1	Tr	9.3	
	Point of Ayre ...	30	30.2	-2	NW	6	bc	39	85	8	8	4	-	4	30.2	0	WNW	4	c	32	85	8	2	7	2	1	4	2500	3	49	28	20	0.3	-	10.0	
13A	Tiree ...	22	30.3	+2	N	3	c/p	35	85	7	8	-	7.8	7.8	30.1	+2	N	4	bc	40	65	8	2	6	5	2.3	2.3	2500	0	45	36	Tr	Tr	5.7		
13B	Stornoway ...	80	30.3	+2	N	3	c/p	35	85	7	8	-	7.8	7.8	30.1	+2	NNW	1	c	36	85	8	8	-	4	7.8	7.8	2500	1	44	33	3	2	5.1		
15	Dalwhinnie ...	1176	30.3	+2	N	3	c/p	35	85	7	8	-	7.8	7.8	30.2	+8	NW	3	c	33	92	7	5	7	-	4	4	2500	4	40	31	27	0.2	0.2	7.6	
	Aberdeen ...	79	30.3	+4	NW	7	cq	38	75	7	5	7	3	4	30.5	+10	NW	5	c	37	75	8	8	9	-	4	4	2500	1	44	33	31	2	5	9.2	
	Wick ...	81	30.3	+4	NW	7	cq	38	75	7	5	7	3	4	30.5	0	NW	6	cq	40	65	8	5	7	8	4	4	1500	1	43	36	Tr	Tr	9.2		
	Lerwick ...	166	30.3	+4	NW	7																														

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
**CANCELLED**  
 BRITISH COLLECTION  
 Wednesday 9th April 194  
 No 28636

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

OBSERVATIONS at 18h. GMT 16th April

PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																
				Direc. (3)	Force. 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. 16h. (37)	13h.—18h. 16h. (38)	18h.—19h. 17h. (39)	19h.—7h. 17h. (40)													
																																		Form.	Amount.	Form.	Amount.	Form.	Amount.							
																																								Low.	Med.	High	Low 0-10	Total 0-10	Low 0-10	Total 0-10
1	London (Kew)...	997.0	0	WSW	4	c	45	75	8	3	3	7-8	7-8	2500	998.1	0	WSW	2	2	42	75	8	9	2	7-8	9	1500	1	*	bcmcy	qpr, s, hcm	qpr, s, hrb	bmx													
	Croydon ...	997.3	0	SW	4	c	49	55	8	3	2	4-6	7-8	4000	999.0	-1	SW	2	2	40	52	6	9	2	7-8	7-8	4000	1	*	bcmcy	bey, cpr	pr, bcb	bmx													
	S. Farnborough	997.3	-2	WSW	5	bc	49	45	9	8	3	4-6	4-6	4000	997.4	-4	—	0	41	85	7	9	1	—	9	10	1500	1	*	bwbey	cpr, s	epk, hmb	bmx													
	Boscombe Down	997.5	-2	SW	4	c/p	47	55	8	9	1	7-8	7-8	1500	998.0	+2	NNW	3	3	36	92	8	9	7	—	3	2500	1	*	bey, cpr	phbc	cph, bcb	bmx													
	Calshot (Soton.)	998.9	+10	NW	4	pr	38	85	6	9	1	10	10	800	998.1	-6	SW	3	3	45	65	8	8	7	7-8	9	1500	1	2	bey, phr	cpr, bey	ckg, pr	bmx													
	Lympne ...	998.3	-2	SW	4	c/p	51	55	9	3	1	4-6	4-6	4000	998.8	+2	SW	3	3	43	65	9	3	1	4-6	4-6	4000	1	5	bey, q, pr	bey, pr, q	bey, pr, bwb	bmx													
	Manston ...	998.0	+6	SW	4	phr	43	75	8	3	1	7-8	7-8	1500	998.3	+4	SW	5	5	45	65	9	3	1	2-3	4-6	2500	0	*	bey, phr	phr, q, bcb	bcb	bmx													
2	Shoeburyness ...	997.5	+2	W	2	bc	51	35	8	2	6	4-6	4-6	4000	998.5	+2	WSW	2	2	42	75	8	8	6	2	4-6	7-8	4000	1	3	b, bcb	bey, cpr	bey, cpr	bmx												
	Felixstowe ...	996.5	-2	WSW	4	c	48	55	8	2	6	1	7-8	7-8	2500	998.0	+10	WSW	4	4	44	65	8	9	6	7-8	7-8	2500	1	3	b, bcb	bey, q	cb	bmx												
	Gorleston ...	995.7	+6	NW	3	c, pr	46	65	7	8	1	7-8	7-8	2500	996.4	+6	SW	4	4	47	75	7	2	4	2-3	4-6	2500	0	2	b, bcb	cpr, bcb	bcb	bmx													
	Mildenhall ...	995.2	+2	WSW	6	c, pr	51	45	8	3	1	7-8	7-8	4000	996.2	+10	SW	4	4	43	55	8	3	1	2-3	7-8	4000	1	3	bey, pr	cyp, q	cyp, q	bmx													
	Cranwell ...	994.1	-2	W	4	c	50	35	8	3	1	7-8	7-8	1500	995.3	+6	NW	1	1	41	65	8	3	6	3	2-3	7-8	1500	1	*	cyp, pr	y, pr, q, bcb	y, pr, q, bcb	bmx												
3	Birmingham	996.8	+4	SW	2	c, pr	38	75	7	3	1	4-6	7-8	1500	996.1	+2	WSW	3	3	42	45	8	2	1	4-6	2500	1	*	pr, phr	cpr	bcb	bmx														
	Upper Heyford	996.7	0	W	3	c, pr	44	55	7	8	4	4-6	9	800	997.4	-4	W	2	2	41	65	8	9	1	3	9	800	1	*	b, bcb	cpr	bcb	bmx													
4	Ross-on-Wye ...	996.4	0	NW	3	pr	42	65	9	2	1	4-6	7-8	2500	997.2	+6	NW	3	3	41	65	8	8	1	4-6	4-6	4000	0	*	bey, cpr	cyp, bey	bcb	bmx													
5	Hartland Point	997.5	+2	W	3	c	45	65	9	2	1	4-6	7-8	2500	997.4	-4	NW	3	3	42	65	9	3	1	4-6	4-6	2500	0	2	pr	cyp, bcb	bcb, cpr	bcb, cpr													
	Bristol ...	997.5	-2	SW	4	bc	46	55	8	3	6	4-6	4-6	2500	997.1	+2	WSW	3	3	42	55	8	8	7	3	4-6	7-8	2500	1	*	cpr, bcb	bcb, cpr	bcb, cpr	bcb, cpr												
	Portland Bill ...	998.7	+8	SW	3	c	41	85	7	5	1	10	10	4000	998.0	-6	WSW	4	4	43	85	8	5	4	4-6	7-8	4000	1	3	cpr	cc	bcb	bcb													
	Plymouth ...	998.8	0	SW	5	c	46	45	8	2	7	4-6	9	1500	998.0	-2	E	1	39	85	4	8	4	3	4-6	4-6	1500	1	2	bey, cpr	cpr, phr	bcb	bcb													
	The Lizard ...	999.2	-4	WSW	4	c, pr	45	75	8	7	6	7-8	7-8	2500	999.2	0	NW	4	4	42	75	8	8	6	7-8	7-8	2500	0	2	cpr	bcb	bcb	bcb													
	Scilly (St. Mary's)	999.6	-2	NW	4	c	44	75	8	8	4	4-6	9	1500	999.3	+2	NW	2	2	43	75	8	8	4	4-6	9	1500	1	2	cpr, q	cpr, q	bcb	bcb													
	Guernsey ...	999.8	-4	WS	4	bc	49	55	9	1	3	2-3	4-6	2500	999.6	-2	WS	3	3	46	75	8	2	7	4-6	4-6	1500	1	4	cpr	bcb	bcb	bcb													
6	Pembroke ...	997.4	+2	WSW	3	c	43	75	8	8	4	4-6	7-8	1500	996.9	-2	NW	4	4	43	75	8	7	1	4-6	4-6	1500	1	2	pr	bcb	bcb	bcb													
7	Holyhead ...	995.2	+8	WN	4	c	41	75	9	8	1	7-8	7-8	2500	995.3	0	WSW	3	3	43	65	9	8	3	3	2-3	4-6	4000	1	2	bcb	bcb	bcb	bcb												
	Chester (Sealand)	995.1	+6	WN	3	c, pr	43	55	8	2	1	4-6	9	2500	995.5	+2	WNW	2	2	42	75	7	3	3	3	2-3	7-8	2500	0	*	pr, pr, pr	cpr	bcb	bcb												
8	Manchester ...	994.5	+4	NW	3	2.	44	65	6	8	1	7-8	9	1500	995.4	+6	W	3	3	44	65	8	2	4	2-3	7-8	4000	1	*	cpr, pr	cpr, pr	bcb	bcb													
10	Spurn Head ...	992.7	+4	WNW	4	c	44	75	5	8	1	7-8	7-8	2500	993.4	+6	SW	5	5	39	92	5	8	1	7-8	10	1500	0	4	c	cpr	bcb	bcb													
	Catterick ...	991.6	-8	WSW	3	pr	47	55	8	8	3	7-8	9	2500	992.1	+10	SW	3	3	45	65	8	2	9	2	2-3	7-8	2500	1	*	cyp, pr	pr, bcb	bcb	bcb												
	Tynemouth ...	991.1	+4	NW	3	c	50	85	7	2	1	7-8	7-8	2500	991.5	+4	WNW	4	4	49	65	7	2	3	1	4-6	4-6	2500	0	2	c	bcb	bcb	bcb												
11	St. Abbs Head	998.2	+10	WNW	5	bc	44	55	8	7	4	2-3	4-6	2500	998.9	-2	WNW	4	4	45	85	8	7	4	9	4-6	4-6	2500	0	3	bey	bcb	bcb	bcb												
	Leuchars ...	998.3	+6	WNW	4	c	50	45	9	8	8	4-6	7-8	4000	998.9	-2	W	4	4	48	45	9	3	7	3	2-3	7-8	4000	5	*	bey	bcb	bcb	bcb												
12	Renfrew (Abbots L.)	992.2	+2	NW	4	bc	46	45	9	2	1	4-6	4-6	4000	992.5	+4	WNW	3	3	43	65	8	2	1	3	2-3	4-6	4000	1	*	bey	bey, pr	bcb	bcb												
	Eskdalemuir ...	990.9	+6	WNW	4	bc	46	45	8	8	1	4-6	4-6	2500	991.4	+4	WNW	4	4	42	45	8	8	1	1	1	2500	1	*	bey	bey	bcb	bcb													
	Point of Ayre ...	993.8	+4	NW	4	bc	49	65	8	2	1	2-3	2-3	2500	994.0	0	WNW	4	4	44	65	8	4	6	2	2-3	4-6	2500	0	2	bcb	bcb	bcb	bcb												
13A	Tiree ...	993.3	+2	NNW	2	bc	46	55	8	2	1	2-3	2-3	2500	992.8	0	NW	3	3	44	65	8	2	3	6	2-3	4-6	2500	0	3	bcb	bcb	bcb	bcb												
13B	Stornoway ...	990.7	0	NW	4	c, pr	43	75	8	8	7	4-6	7-8	2500	991.0	0	N	4	4	41	85	7	8	6	7	4-6	10	1500	1	2	cpr, pr	cpr, pr	cpr, pr	cpr, pr												
15	Dalwhinnie ...	990.0	0	NW	4	c	42	55	8	8	6	4-6	7-8	4000	991.3	0	WNW	3	3	39	55	8	4	7	6	4-6	9	4000	0	*	cpr	cpr	cpr	cpr												
	Aberdeen ...	986.5	-2	NW	6	bc	46	55	8	7	7	4-6	4-6	2500	987.4	+6	NW	5	5	43	65	7	5	7	7	4-6	9	2500	1	3	bey	bey	bcb	bcb												
	Wick ...	985.4	+4	NW	6	c, pr	40	85	8	5	7	4-6	9	1500	985.8	+6	WNW	3	3	41	92	6	5	2	1	7-8	10	1500	1	1	pr	pr	bcb	bcb												
16	Lerwick...																																													
17	Blacksod Point...	998.7	+6	NW	2	bc	46	75	8	3	6	4-6	4-6	800	996.8	-10	WN	3	3	42	75	8	2	6	3	2-3	7-8	800	0	2	bcb	bcb	bcb	bcb												
	Malin Head ...	995.5	+6	N	2	c, pr	49	75	8	2	4	4-6	7-8	5700	994.9	0	NW	4	4	42	75	8	3	1	1	4-6	4-6	5700	0	4	cpr, pr	bcb	bcb	bcb												
	Aldergrove ...	994.0	0	NNW	3	c	46	55	9	2	1	9	9	2500	994.3	0	NNW	3	3	43	55	8	3	7	1	2-3	4-6	2500	1	*	cpr, pr	bcb	bcb	bcb												
19	Birr Castle ...	996.5	+2	NNW	2	bc	43	65	8	4	1	4-6	4-6	1500	996.7	+6	NW	1	1	41	75	8	6	7	1	7-8	9	1500	1	3	bcb	cpr, pr	cpr, pr	bcb												
20	Valentia Obsy. †	998.8	+6	NNW	5	pr	41	75	8	9	1	9	9	1500	998.4	0	N	4	4	45	65	9	8	1	1	7-8	7-8	2500	1	3	phr, pr	phr, pr	bcb	bcb												
	Roches Point ...	997.4	-4	NW	4	bc	44	65	9	3	1	4-6	4-6	1500	997.5	+2	NW	2	2	42	75	8	3	1	3	4-6	4-6	1500	0	2	phr	bcb	bcb	bcb												

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<sub>o</sub>/k, slight storm of drifting snow (generally high).  
S/k, heavy storm of drifting snow (generally high).  
KQ, line squall. l, lightning.  
o, overcast sky. p, passing showers.

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

§ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

- 0 No medium clouds.
- 1 Typical As (thin).
- 2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).
- 3 Single layer of Ac or high Sc.
- 4 Ac in isolated patches. Individually 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:      Altocumulus,-Ac:      Altostratus,-As:  
Stratocumulus,-Sc:      Stratus,-St:      Nimbostratus,-Ns:      Cumulus,-Cu:      Cumulonimbus,-Cb:

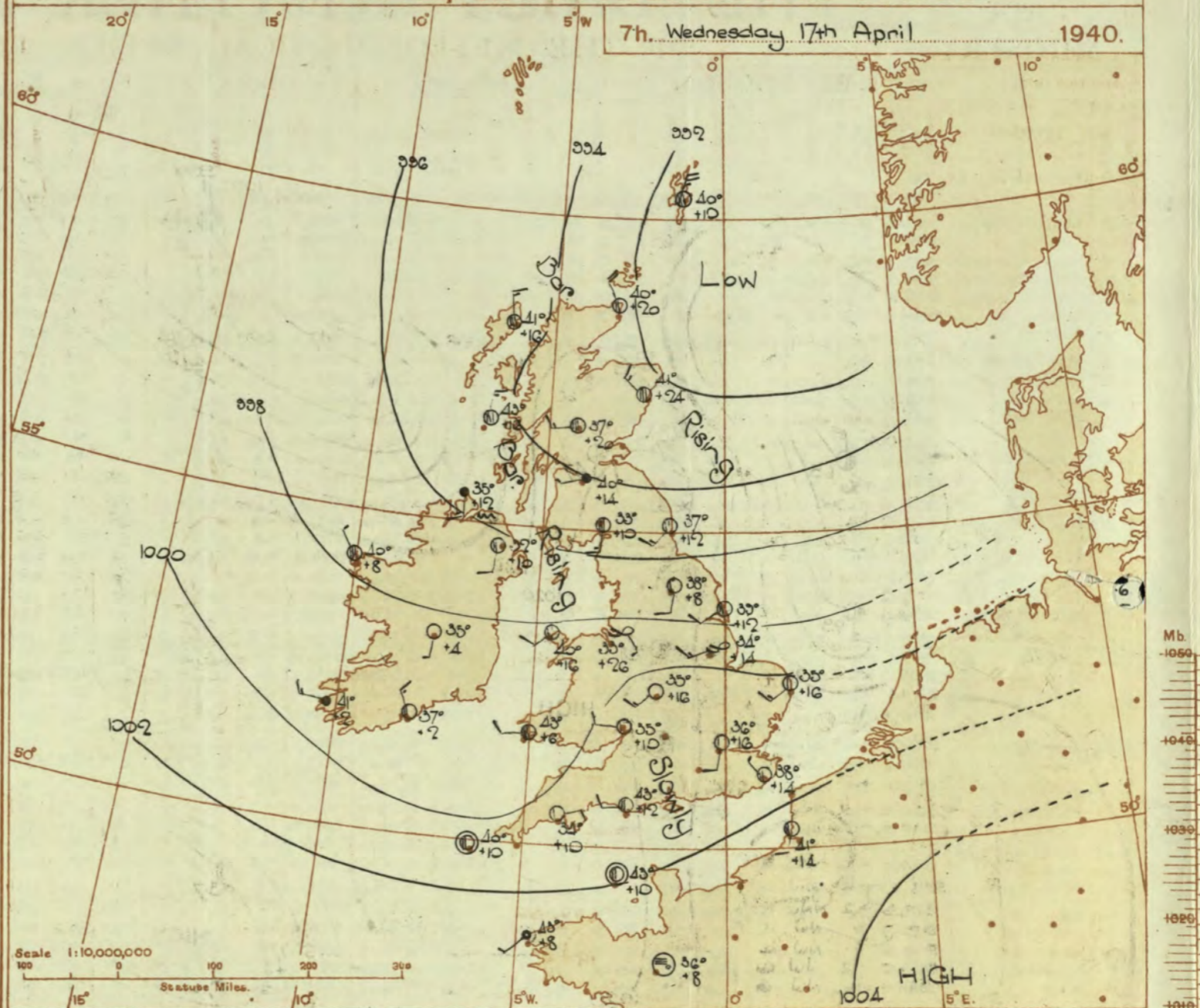
COLUMN 29 —STATE OF GROUND.

- |  |  |
|--|--|
| 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 17th April 1940.



## DISTRICTS. FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 17th April, 1940.

1 S.E. England	Light southwest or west to variable wind, squally at times; bright periods, local thundery showers of rain or hail; rather cold, sharp ground frost at night and screen frost locally.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scot- land.	Light or moderate northwest or north to variable wind; showers, bright intervals; rather cold, ground frost at night.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 1 - 12.
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 shallow depression east of the Orkneys is filling up and the pressure gradient is becoming weak and irregular over the British Isles. A shallow depression over Southern France is moving northeast. There will be bright intervals and local thundery showers and sharper night frost.

### FURTHER OUTLOOK.

Little change.

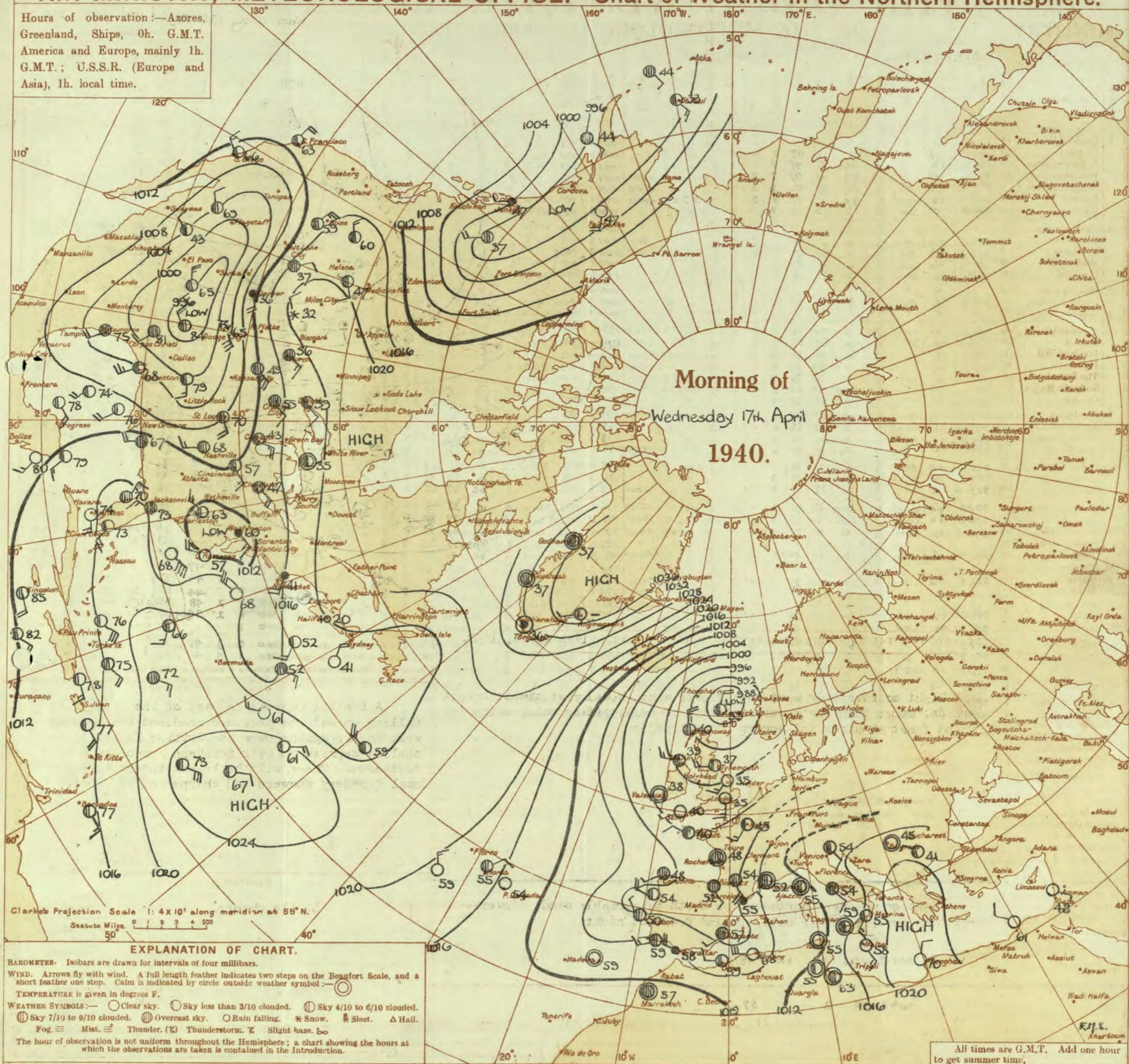
Forecasts issued at 1030.

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

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

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

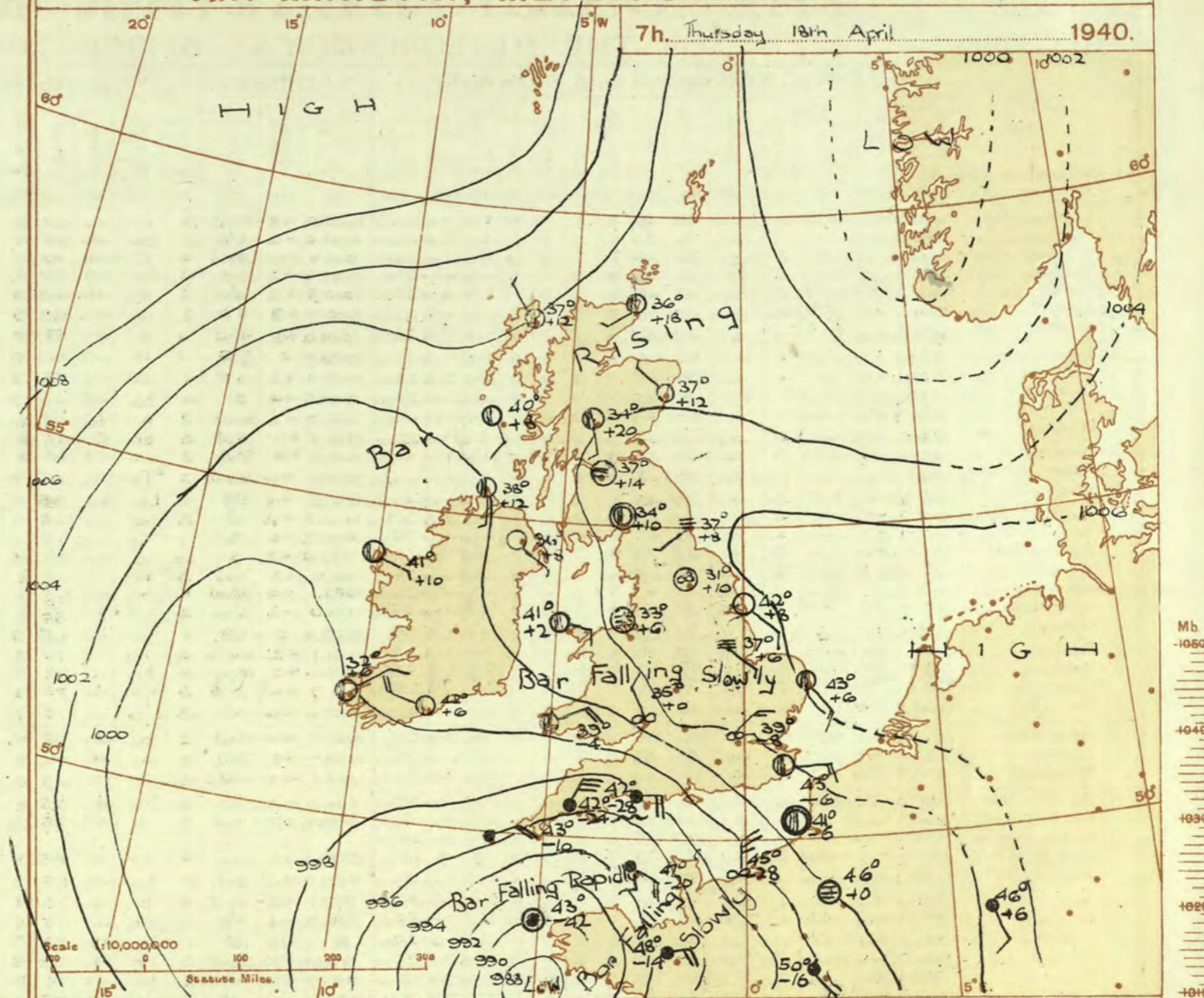
OBSERVATIONS at 1 hr. G.M.T. 17th April														OBSERVATIONS at 7 hr. G.M.T. 17th April														PAST 24 HOURS.											
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. 0-9	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		Sun-shine 16th 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	0-10		0-10	0-10	0-10	0-10
1	London (Kew) ... 18	217	999.6	-2	S	3	b	35	97	8	Tr	0	Tr	-	1001.6	+18	SW	2	20	37	92	5	-	-	0	0	-	1	47	32	19	0.3	2	7.0					
	Croydon ... 217	999.5	+6	-	0	0	bc	32	97	7	-	5	0	2.3	1001.5	+22	SW	2	20	36	92	8	-	5	0	Tr	-	1	52	31	27	0.3	2	9.2					
	S. Farnborough ... 226	999.5	+6	-	0	0	bc	32	97	7	-	5	0	2.3	1001.5	+22	SW	2	20	36	92	8	-	5	0	Tr	-	1	52	31	27	0.3	2	9.2					
	Boscombe Down ... 417	999.6	+10	-	0	0	bjf	31	97	7	-	1	1	4000	1001.3	+12	-	0	0	31	92	8	2	-	1	Tr	1	2500	3	47	27	19	0.1	0.4	4.6				
	Calshot (Stmntn.) ... 8	999.5	+4	-	2	2	bc	35	92	6	-	1	1	2500	1001.4	+14	-	0	0	38	92	6	1	-	5	Tr	1	2500	1	48	31	24	0.3	0.5	6.5				
	Lymington ... 346	1000.6	+6	WSW	2	2	bc	35	92	8	2	-	2.3	2.3	4000	1002.4	+14	NW	1	bc	38	75	8	2	4	1	2.3	4000	1	51	32	25	Tr	0.2	9.3				
	Manston ... 154	999.7	0	SSW	3	3	b	36	92	7	-	3	-	0	1	1001.9	+18	WSW	2	bc	37	85	7	2	3	1	2.3	2.3	2500	0	51	30	22	0.1	-	10.5			
2	Shoeburyness ... 11	997.5	+6	WSW	3	3	b	37	92	7	5	4	-	Tr	1	1001.2	+18	WS	3	20	36	92	6	-	1	0	Tr	-	1	53	33	29	-	-	10.7				
	Felixstowe ... 15	998.2	+4	SW	2	2	c	37	65	7	5	-	-	7.8	7.8	2500	1000.7	+16	SW	3	20	34	85	6	-	4	-	0	Tr	-	3	50	33	32	Tr	-	8.6		
	Gorleston ... 5	998.2	+4	SW	2	2	bc	37	65	7	5	-	-	7.8	7.8	2500	1000.7	+16	SW	3	20	34	85	6	-	4	-	0	Tr	-	3	50	33	32	Tr	-	8.6		
	Mildenhall ... 19	997.9	+6	WSW	2	2	bc	35	85	6	-	4	-	0	1	1000.5	+18	SW	3	20	34	85	6	-	4	-	0	Tr	-	1	52	31	26	Tr	-	10.9			
	Cranwell ... 240	997.1	+6	WSW	2	2	bc	31	85	5	-	3	-	0	Tr	-	999.5	+14	WS	4	20	34	85	6	-	-	0	0	-	0	51	31	27	0.1	Tr	9.0			
3	Birmingham ... 535	998.8	+6	SW	2	2	b	30	97	7	-	4	-	0	Tr	-	1001.2	+16	WSW	2	20	31	97	6	-	-	0	0	-	1	43	29	27	0.1	-	8.0			
	Upper Heyford ... 408	998.8	+6	SW	2	2	b	30	97	7	-	4	-	0	Tr	-	1001.2	+16	WSW	2	20	31	97	6	-	-	0	0	-	1	43	29	27	0.1	-	8.0			
4	Ross-on-Wye ... 223	998.8	+6	SW	2	2	b	30	97	7	-	4	-	0	Tr	-	1001.2	+16	WSW	2	20	31	97	6	-	-	0	0	-	1	43	29	27	0.1	-	8.0			
	...	223	998.8	+6	SW	2	b	30	97	7	-	4	-	0	Tr	-	1001.2	+16	WSW	2	20	31	97	6	-	-	0	0	-	1	43	29	27	0.1	-	8.0			
5	Hartland Point ... 299	998.2	-12	WNW	3	3	c	40	75	9	8	-	-	7.8	7.8	2500	999.8	+10	W	3	bc	38	85	9	8	4	-	2.3	4.6	1500	1	46	34	32	0.4	0.6	7.3		
	Bristol ... 209	999.6	+6	SW	1	1	c	34	92	7	8	-	-	9	9	1500	1001.0	+14	SW	1	bc	35	85	8	2	-	-	Tr	Tr	2500	4	48	30	21	0.4	1	8.5		
	Portland Bill ... 32	999.1	+6	W	3	3	bc	41	85	8	1	-	-	2.3	2.3	4000	1000.4	+12	W	2	bc	43	85	8	5	-	-	4.6	4.6	4000	1	47	39	-	-	-	-		
	Plymouth ... 82	999.9	+4	-	0	0	b	34	85	8	1	-	-	1	1	2500	1000.9	+10	ENE	2	b	34	75	8	3	-	-	1	1	1500	1	47	31	28	-	-	5.6		
	The Lizard ... 240	1000.1	+2	WS	3	3	c	41	75	8	8	-	-	7.8	7.8	1500	999.8	+4	SW	3	bc	41	85	8	8	-	-	4.6	4.6	1500	0	47	36	-	-	Tr	7.5		
	Scilly (St. Mary's) ... 163	999.6	+2	WSW	1	1	bc	40	65	8	8	-	-	1.6	1.6	1500	1000.3	+10	-	0	bc	40	75	8	8	-	-	2.3	2.3	2500	1	48	37	-	-	0.1	7.6		
	Guernsey ... 175	1000.3	+4	WS	1	1	b	39	85	8	-	-	-	0	0	-	1001.2	+10	-	0	bc	43	75	9	2	4	8	2.3	4.6	2500	1	52	36	29	0.1	-	9.1		
6	Pembroke ... 142	998.0	+8	NW	2	2	b	41	85	8	2	-	-	Tr	Tr	2500	999.7	+6	W	2	bc	43	75	8	3	-	-	2.3	2.3	1500	1	45	40	-	-	Tr	7.9		
7	Holyhead ... 26	997.0	+8	WSW	2	2	b	38	85	8	-	-	8	0	0	-	998.3	+16	SW	2	c	40	75	8	2	-	-	7.8	7.8	4000	1	45	37	32	-	-	0.2	9.3	
	Chester (Sealand) ... 16	996.7	+2	SSW	1	1	b	31	92	8	-	-	-	0	0	-	998.9	+26	SE	1	bc	33	85	5	3	-	-	2.3	2.3	2500	3	45	29	24	Tr	-	5.9		
8	Manchester ... 70	996.8	+6	S	1	1	bc	33	97	6	5	-	-	2.3	2.3	4000	999.0	+16	SE	1	bc	33	85	5	1	3	-	-	Tr	1	46	30	20	0.4	-	5.2			
10	Spurn Head ... 29	996.2	+4	SSW	3	3	b	35	85	7	-	-	-	0	0	-	998.4	+12	SW	2	bc	39	75	6	-	4	-	0	2.3	-	0	2	48	33	-	-	0.6	5.9	
	Catterick ... 175	995.2	+6	SW	2	2	b	34	92	8	-	-	-	0	0	-	996.3	+8	SSW	2	b	38	85	8	2	-	-	Tr	Tr	2500	1	48	30	20	Tr	-	9.6		
	Tynemouth ... 108	993.6	+8	W	3	3	bc	37	75	6	5	-	-	2.3	2.3	1500	995.3	+12	SW	2	bc	37	85	5	8	3	1	2.3	4.6	2500	0	51	35	28	-	-	-		
11	St. Abbs Head ... 280	990.6	+4	WNW	6	6	bc	38	65	8	4	3	-	2.3	2.3	2500	992.7	+12	WNW	4	bc	38	92	8	8	2	-	-	4.6	7.8	1500	1	47	27	-	-	2	-	
	Leuchars ... 36	990.6	+6	WNW	3	3	bc	40	75	8	5	-	-	10	10	1500	993.2	+18	SW	3	c	39	85	8	5	7	8	-	-	4.6	7.8	2500	1	50	37	35	10	1	12.2
12	Renfrew (Abbots I.) ... 19	993.4	+2	WSW	3	3	c	40	75	8	5	-	-	9	9	4000	995.1	+14	WS	1	bc	40	92	8	5	7	-	-	7.8	10	2500	1	48	36	32	-	-	11.0	
	Eskdalemuir ... 794	995.0	+2	WS	2	2	b	33	92	8	2	-	-	Tr	Tr	4000	995.6	+10	SSW	3	bc	33	85	8	5	-	-	9	9	2500	1	49	27	21	-	-	12.3		
	Point of Ayre ... 30	995.0	+2	WS	2	2	b	33	92	8	2	-	-	Tr	Tr	4000	996.9	+16	WNW	3	bc	41	75	8	1	4	-	-	1	2.3	2500	0	50	32	-	-	0.3	8.1	
13A	Tiree ... 22	992.5	+12	N	5	5	c/pr	40	92	7	8	7	-	-	4.6	7.8	2500	994.5	+12	N	3	c	43	85	8	8	-	-	7.8	7.8	1500	0							

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 13h. G.M.T. 17th April														OBSERVATIONS at 18h. G.M.T. 17th April														PAST 24 HOURS.						
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of ground. 0-9 (29)	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. 17h. (37)	13h.—18h. 17h. (38)	18h.—17h. 13h. (39)	1h.—7h. 18h. (40)	
1	London (Kew)...	1002.6	+2	W/N	2	c	49	45	8	1	-	6	4-6	7-6	1002.9	+8	SSW	3	c	46	65	8	2	-	6	4-6	7-6	2500	1	*	bw, bcy	bcb, bcy	bccx	czo x
	Croydon ...	1002.9	+2	SW	2	bc	50	55	8	1	-	1	4-6	4-6	1003.0	+2	S/E	3	bc	48	65	8	2	-	5	1	2-3	4000	1	*	bw, bcy	bcb, bcy	bcbw, b	cymo.
	S. Farnborough	1002.3	-2	W/S	3	bc	50	45	8	1	-	9	4-6	4-6	1002.9	+6	SSW	4	c	48	55	8	2	-	2	2-3	7-8	4000	1	*	bcy, bcy	bcy	bcb, bcy	m
	Boscombe Down	1001.9	-2	SW/S	3	bc	51	45	9	2	-	-	4-6	4-6	1002.2	-2	S/E	4	bc	47	55	8	2	-	1	4-6	4-6	4000	1	*	bcy, bcy	bcy	bcm, bcy	bcmo.
	Calshot (Soton.)	1002.3	+2	SW	3	bc	53	45	8	1	-	1	2-3	2-3	1002.8	+2	S/W	2	bc	48	65	8	1	-	1	1	4-6	4000	0	1	bcy, bcy	bcy	bcm, bcy	cwcm.
	Lymington	1002.4	+0	SSW	4	bc	49	55	9	2	-	5	4-6	4-6	1002.7	+2	S/E	2	c	46	65	8	2	-	2	Tr	7-8	5700	1	§	bcy	bcy	bc	c@xc
	Manston	1003.2	+2	SE	2	c	47	55	8	2	-	-	7-8	7-8	1004.0	+6	SSW	1	c	47	55	8	-	3	6	0	9	-	0	*	bcy	bcy	cymo.	cymo.
2	Shoeburyness	1003.5	+2	S/W	1	bc	52	45	8	1	-	5	2-3	2-3	1003.7	0	S/E	1	b	49	65	8	-	-	5	0	1	-	1	*	by	by	bcbx	bxc.
	Felixstowe	1003.1	+6	S	4	bc	50	45	7	2	-	-	2-3	2-3	1003.6	+2	S/E	4	bc	45	85	8	-	-	6	0	4-6	-	1	2	bcy, bcy	bc	bcb	cw
	Gorleston	1003.1	+0	W/S	1	bc	51	55	7	7	-	-	4-6	4-6	1003.5	+4	S	4	bc	45	65	7	-	4	-	0	2-3	-	0	3	bcy	bc	bcb	bbcc
	Mildenhall	1002.2	+6	W/S	2	bc	50	45	8	7	-	1	4-6	4-6	1002.2	+2	SSW	2	c	50	35	8	7	6	6	2-3	7-8	4000	0	*	bcy, bcy	bcy	bcb, bcy	bcm, bcy
	Cranwell	1001.5	+12	W/S	2	bc	49	45	8	-	-	-	7-8	7-8	1001.5	+4	S/W	3	bc	50	45	8	3	-	-	4-6	4-6	4000	0	*	bcy, bcy	bcy	bcb, bcy	bcm, bcy
3	Birmingham	1001.4	+4	SW	3	bc	48	35	7	-	-	-	4-6	4-6	1001.6	+4	SSW	3	bc	49	35	8	2	6	-	2-3	4-6	4000	1	*	bcy	bcy	bcb	bcm.
	Upper Heyford	1002.0	0	S	2	bc	50	45	9	2	-	-	4-6	4-6	1002.4	+6	SSW	2	bc	49	55	8	8	-	1	4-6	4-6	4000	1	*	bcy	bcy	bcb	bcm.
4	Ross-on-Wye	1001.3	0	SW	3	bc	50	45	3	2	-	3	4-6	4-6	1001.5	+4	S/E	4	bc	50	45	8	2	-	3	4-6	4-6	4000	0	*	bcy	bcy	bcb	bcm.
5	Hartland Point	1001.0	+2	W	3	bc	46	65	3	3	-	-	2-3	2-3	1001.3	+4	W	3	bc	48	65	9	8	-	-	4-6	4-6	2500	0	2	bcy	bcy	bcb	bcm.
	Bristol ...	1002.1	+2	SW	2	bc	52	45	8	-	-	-	4-6	4-6	1002.2	+8	S	1	bc	43	75	6	9	6	1	4-6	4-6	2500	1	*	bcy	bcy	bcb	bcm.
	Portland Bill	1002.4	+6	W	3	c	48	75	8	2	4	-	7-8	9	1002.6	-2	S	3	c	45	85	8	5	4	-	4-6	3	4000	1	3	bcy	bcy	bcb	bcm.
	Plymouth	1001.8	+2	SW	2	bc	48	65	8	2	-	+	2-3	2-3	1001.8	+2	S/W	3	bc	46	65	8	2	-	3	2-3	2-3	2500	0	2	bcy	bcy	bcb	bcm.
	The Lizard	1001.8	0	SSW	2	bc	49	65	8	6	-	-	4-6	4-6	1002.1	+4	SSW	1	bc	48	65	8	8	4	-	2-3	2-3	2500	0	2	bcy	bcy	bcb	bcm.
	Seilly (St. Mary's)	1001.2	+2	SW	1	bc	51	55	3	1	-	4	2-3	2-3	1001.0	-2	S/W	2	bc	47	55	8	8	-	3	2-3	2-3	2500	0	2	bcy	bcy	bcb	bcm.
	Guernsey	1002.3	0	S	1	bc	51	55	3	2	7	-	2-3	2-3	1002.4	0	SE	1	c	48	65	9	-	1	8	0	7-8	-	2	8	bcy	bcb	c	cpr
6	Pembroke	1000.9	+8	SW/S	2	bc	47	75	3	1	-	-	2-3	2-3	1001.1	+2	SW/S	2	bc	46	75	9	1	-	-	2-3	2-3	2500	1	1	bcy	bcb	bcb	bcm.
7	Holyhead	999.9	+0	SW	4	bc	49	65	9	2	-	-	2-3	2-3	1000.4	+2	SSW	4	bc	46	65	9	3	3	3	Tr	1	2500	0	2	bcy	bcb	bcb	bcm.
	Chester (Sealand)	1000.2	+4	W/S	3	cpr	50	45	8	3	-	-	7-8	7-8	1001.7	+14	N/E	3	cpr	46	75	8	3	-	3	9	9	1500	0	*	bcy	bcb	bcb	bcm.
8	Manchester	1000.5	+8	S	4	bc	50	55	7	2	-	-	4-6	4-6	1001.6	+6	W	3	cpr	42	75	8	9	6	-	4-6	9	2500	1	*	bcy	bcb	bcb	bcm.
10	Spurn Head	1000.4	+6	SW	3	c	50	35	5	5	-	-	7-8	7-8	1001.3	+4	S/W	2	bc	49	55	6	5	-	-	4-6	4-6	1500	0	2	bcb	bcb	bcb	bcm.
	Catterick	999.3	+10	SW/S	4	bc	51	35	9	2	-	-	4-6	4-6	1000.7	+8	S/W	2	bc	48	55	8	2	3	-	2-3	4-6	4000	0	2	bcb	bcb	bcb	bcm.
	Tynemouth	999.7	+6	W	3	c	49	45	7	3	-	-	7-8	7-8	1000.6	+12	WNW	3	c	50	65	6	8	-	-	7-8	7-8	2500	1	1	bcb	bcb	bcb	bcm.
11	St. Abbs Head	997.5	+22	NW	3	c	45	75	8	6	-	-	7-8	9	1000.0	+12	W	3	c/r	43	75	8	8	2	-	7-8	15	1500	1	2	c	crc	c	bcb
	Leuchars	998.7	+6	S	4	c	46	75	8	3	-	-	4-6	9	1000.3	+22	SW	3	c	45	85	7	5	3	-	9	9	2500	0	*	c	crc	c	bcb
12	Renfrew (Abbots L.)	998.9	+20	SW	3	pr	46	75	8	8	-	-	9	9	1000.0	+22	SW	3	c	45	85	7	5	3	-	9	9	2500	0	*	c	crc	c	bcb
	Eskdalemuir	997.7	+0	W/S	5	c	47	35	8	3	-	-	9	9	1000.0	+10	SW	4	c	42	65	8	5	7	-	1	7-8	2500	1	*	c	crc	c	bcb
	Point of Ayre	999.2	+0	NW	4	bc	50	65	8	2	4	-	4-6	4-6	1000.0	+22	SW	4	bc	48	55	8	2	-	9	1	2-3	2500	0	2	cb	bc	bcb	bcb
13A	Tiree	997.6	+12	N/E	2	bc	47	75	3	3	+	-	2-3	2-3	1000.0	+6	N/E	2	b	46	75	8	1	-	-	1	1	4000	0	3	bc	bcb	bcb	bcb
13B	Stornoway	997.3	+20	NE	1	cpr	45	75	7	8	7	-	7-8	7-8	1000.0	+4	NE	2	bc	44	75	8	3	7	6	2-3	4-6	2500	1	1	cpr	bcb	bcb	bcb
15	Dalwhinnie	990.3	+14	NE	2	c	44	65	8	3	-	-	10	10	1000.0	+18	SE	1	c	37	92	7	8	4	-	4-6	7-8	2500	1	*	c	cpr	cpr	cpr
	Aberdeen	990.0	+10	NW	3	cpr	40	75	8	3	-	-	7-8</																					

# AIR MINISTRY, METEOROLOGICAL OFFICE.



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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 18th April, 1940.
1 S.E. England	Wind southeast, freshening, veering south to-morrow; perhaps strong on South Coast; becoming dull and rainy; brighter periods with showers in the South to-morrow; temperature rather below average to-day, becoming milder.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind northeast, fresh, becoming southwest later, strong at times, squally; dull, rainy; brighter periods with showers to-morrow; becoming milder.
6 South Wales ...	
7 North Wales ...	Wind easterly light, freshening slowly; fair most of to-day, but cloud increasing; becoming dull, rainy; rather cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Wind variable, light becoming easterly light to moderate; long bright periods; a few scattered showers; average day temperature; local 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; bright periods; local showers near the coast; perhaps rain in the east later in period; rather cold.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

A rather deep depression centred off Brittany will move slowly north. Rain will spread up from France over the southern half of the country to-day and finally to Northern England. Weather will be fair or fine in Scotland apart from a few local coastal showers. Temperature will be rather below average to-day but conditions will become milder in the South.

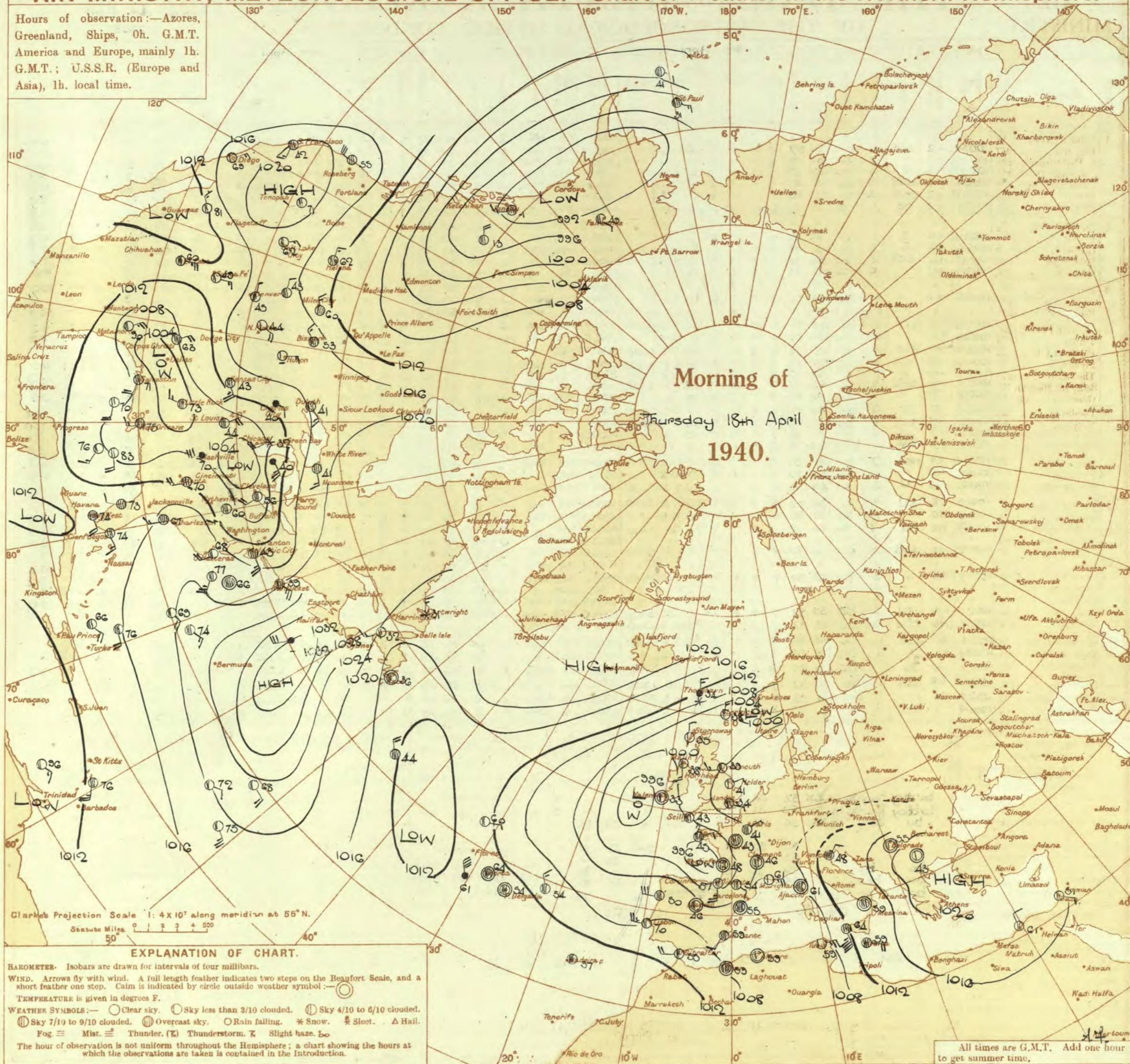
## FURTHER OUTLOOK.

Showery conditions in most districts.

Forecasts issued at 1000 G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S., Director.  
H.M.S.O. Press, Cornwall House, S.E.1.

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 18th April														OBSERVATIONS at 7 hr. G.M.T. 18th April														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 Hrs.
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground.	0-9	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.		Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.					
																																	0-12	0-9	Low.	Med.	
1	London (Kew) ... 18	1003.1	-2	ESE	1	0	C	34	97	7	0	10	-	-	1003.3	-4	NE	2	0	41	75	5	5	8	23	9+	2500	1	52	34	23	-	Tr	10.4			
	Croydon ... 217	1004.5	-2	E	1	0	C	31	92	5	0	4-6	-	-	1003.9	-8	NE	3	0	39	97	6	5	7	0	10	-	1	53	31	25	-	Tr	11.1			
	S. Farnborough ... 226	1004.5	-2	E	1	0	C	31	92	5	0	4-6	-	-	1002.9	-12	ENE	3	0	37	85	6	5	7	0	10	-	1	52	28	29	-	Tr	10.9			
	Boscombe Down ... 417	1003.7	-2	E	3	0	bc	38	85	7	0	4-6	-	-	1001.5	-12	ENE	4	0	37	85	6	5	7	0	10	-	1	52	32	28	0.2	-	Tr	9.7		
	Calshot (St. Mary's) ... 8	1003.4	-4	ENE	2	0	bc	38	85	6	0	4-6	-	-	1000.4	-18	ENE	5	0	43	75	7	5	7	0	10	-	1	53	33	35	-	-	-	12.5		
	Lymington ... 346	1006.0	+2	ENE	2	0	C	35	85	8	0	7-8	-	-	1004.4	-6	EN	3	0	43	85	7	5	7	0	10	-	1	51	32	27	-	-	-	12.2		
	Manston ... 154	1005.1	-2	NE	1	0	bc	35	97	6	0	10	-	-	1003.9	-6	E	3	0	44	92	6	5	7	0	10	-	0	51	32	24	-	-	-	11.2		
2	Shoeburyness ... 11	1005.4	+4	S	1	0	C	43	85	7	0	10	-	-	1004.7	-6	EN	1	0	45	85	6	5	7	0	10	-	1	53	32	29	-	-	-	11.6		
	Felixstowe ... 15	1005.6	+4	S	3	0	C	41	85	7	0	10	-	-	1004.3	-2	E	2	0	43	92	7	5	7	0	10	-	1	51	33	31	-	-	-	12.3		
	Gorleston ... 5	1005.6	+4	S	3	0	C	41	85	7	0	10	-	-	1006.3	+6	ESE	3	0	43	85	7	5	7	0	10	-	0	51	40	38	-	-	-	11.8		
	Mildenhall ... 19	1004.7	+6	SE	2	0	bc	34	92	6	0	4-6	-	-	1004.6	+2	ESE	2	0	35	92	6	5	7	0	10	-	1	54	31	27	-	-	-	11.6		
	Cranwell ... 240	1004.4	+10	SE	0	0	bc	33	85	5	0	Tr	-	-	1005.2	+6	SE	1	0	37	75	4	5	9	0	4-6	-	0	53	28	15	-	-	-	11.6		
3	Birmingham ... 535	1004.6	+6	S	1	0	bc	34	92	7	0	2-3	-	-	1004.3	+2	E	2	0	39	92	4	5	7	0	4-6	-	1	52	33	21	-	-	-	12.3		
	Upper Heyford ... 408	1004.6	+6	S	1	0	bc	34	92	7	0	2-3	-	-	1004.1	-4	NE	2	0	34	92	6	5	7	0	10	-	1	53	30	19	Tr	-	-	-	12.4	
4	Ross-on-Wye ... 223	1003.3	0	NW	2	0	bc	35	97	6	0	2-3	-	-	1003.3	0	NW	2	0	35	97	6	5	7	0	10	-	0	54	28	19	-	-	-	12.4		
5	Hartland Point ... 299	1001.9	-2	SE	3	0	bc	38	85	8	0	2-3	2500	938.7	-20	NE	4	0	41	75	8	8	6	5	7	0	10	-	0	50	37	34	Tr	-	-	11.5	
	Bristol ... 209	1003.8	+2	ESE	3	0	bc	34	92	6	0	2-3	4000	1002.5	-2	E	3	0	34	92	6	5	7	0	10	-	1	53	29	21	-	-	-	8.9			
	Portland Bill ... 32	1003.0	+6	ESE	3	0	C	45	92	8	0	7-8	4000	996.7	-28	E	4	0	42	92	8	8	6	5	7	0	10	-	1	50	40	0.4	-	-	-	11.9	
	Plymouth ... 82	1001.6	-10	EN	1	0	bc	39	85	8	0	2-3	2500	996.5	-28	NEE	5	0	43	75	7	5	2	5	7	0	10	-	1	49	38	33	0.2	0.1	-	11.9	
	The Lizard ... 240	1000.7	-10	E	2	0	bc	44	75	8	0	2-3	1500	994.5	-24	NE	6	0	42	92	7	5	2	5	7	0	10	-	1	51	40	-	-	-	12.9		
	Seilly (St. Mary's) ... 163	1000.2	-6	SE	3	0	C	43	75	8	0	2-3	2500	996.6	-10	EN	4	0	43	85	7	5	2	5	7	0	10	-	1	51	42	-	-	-	11.9		
	Guernsey ... 175	1000.7	-16	E	2	0	bc	46	85	8	0	2-3	2500	995.1	-20	ES	4	0	47	85	7	5	2	5	7	0	10	-	1	52	45	40	2	Tr	-	9.5	
6	Pembroke ... 142	1002.0	0	SE	3	0	bc	44	85	8	0	2-3	2500	1001.2	-4	EN	4	0	39	92	7	8	6	5	7	0	10	-	0	48	38	-	-	-	12.4		
	Holyhead ... 26	1002.3	+6	SE	2	0	bc	33	92	8	0	2-3	4000	1003.1	+2	ESE	2	0	41	85	9	2	6	5	7	0	10	-	0	50	36	27	-	-	-	12.0	
	Chester (Sealand) ... 16	1003.6	+2	SE	2	0	bc	35	85	7	0	0	-	-	1004.3	+6	E	2	0	33	92	3	5	6	5	7	0	10	-	3	55	30	24	0.3	-	-	8.1
	Manchester ... 70	1003.8	+8	ESE	1	0	bc	34	92	3	0	0	-	-	1004.4	+2	NE	1	0	34	85	2	5	6	5	7	0	10	-	3	57	30	20	0.6	-	-	8.8
10	Spurn Head ... 29	1004.1	+4	NE	2	0	bc	41	92	6	0	0	-	-	1005.1	+8	SEE	2	0	42	92	6	5	7	0	10	-	0	56	37	-	-	-	-	10.8		
	Catterick ... 175	1004.1	+10	W	3	0	bc	32	92	6	0	4-6	-	-	1005.7	+10	W	3	0	31	97	6	5	7	0	10	-	1	52	26	18	-	-	-	12.6		
	Tynemouth ... 108	1004.1	+10	W	3	0	bc	33	92	6	0	2-3	2500	1003.9	+8	SW	1	0	37	75	3	5	6	5	7	0	10	-	0	52	35	28	Tr	-	-	-	
11	St. Abbs Head ... 280	1001.3	+8	SW	4	0	C	38	92	8	0	2-3	2500	1004.4	+4	SW	4	0	38	85	8	8	6	5	7	0	10	-	0	45	35	-	-	-	-		
	Leuchars ... 36	1001.6	+10	SW	0	0	bc	39	92	6	0	4-6	-	-	1004.3	+16	SW	2	0	39	85	7	5	6	5	7	0	10	-	0	51	36	28	Tr	-	-	2.4
12	Renfrew (Abbots L.) ... 19	1002.4	+12	SW	2	0	bc	42	75	6	0	7-8	3+	5700	1004.9	+4	W	0	0	37	92	4	5	6	5	7	0	10	-	1	48	34	26	-	-	-	3.8
	Eskdalemuir ... 794	1002.2	+8	SW	3	0	bc	37	85	8	0	2-3	1500	1005.3	+10	W	0	0	34	85	8	8	6	5	7	0	10	-	1	48	28	22	0.3	-	-	3.4	
	Point of Ayre ... 30	1002.2	+8	SW	3	0	bc	37	85	8	0	2-3	1500	1003.0	+8	SSE	3	0	43	82	7	2	6	5	7	0	10	-	0	53	33	-	-	-	13.1		
13A	Tiree ... 22	1001.7	+10	N	2	0	bc	35	97	7	0	1	4000	1002.2	+8	SE	2	0	40	92	8	1	6	5	7	0	10	-	0	48	35	-	-	-	11.0		
13B	Stornoway ... 80	1001.7	+10	N	2	0	bc	35	97	7	0	1	4000	1003.6	+12	NW	1	0	37	92	7	5	6	5	7	0	10	-	1	45	35	-	-	-	7.2		
15	Dalwhinnie ... 1176	1000.8	+16	WSW	2	0	bc	35	97	7	0	2-3	2500	1003.8	+12	NW	1	0	37	97	6	5	6	5	7	0	10	-	1	49	36	30	1	2	-	3.0	
	Aberdeen ... 79	100																																			

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

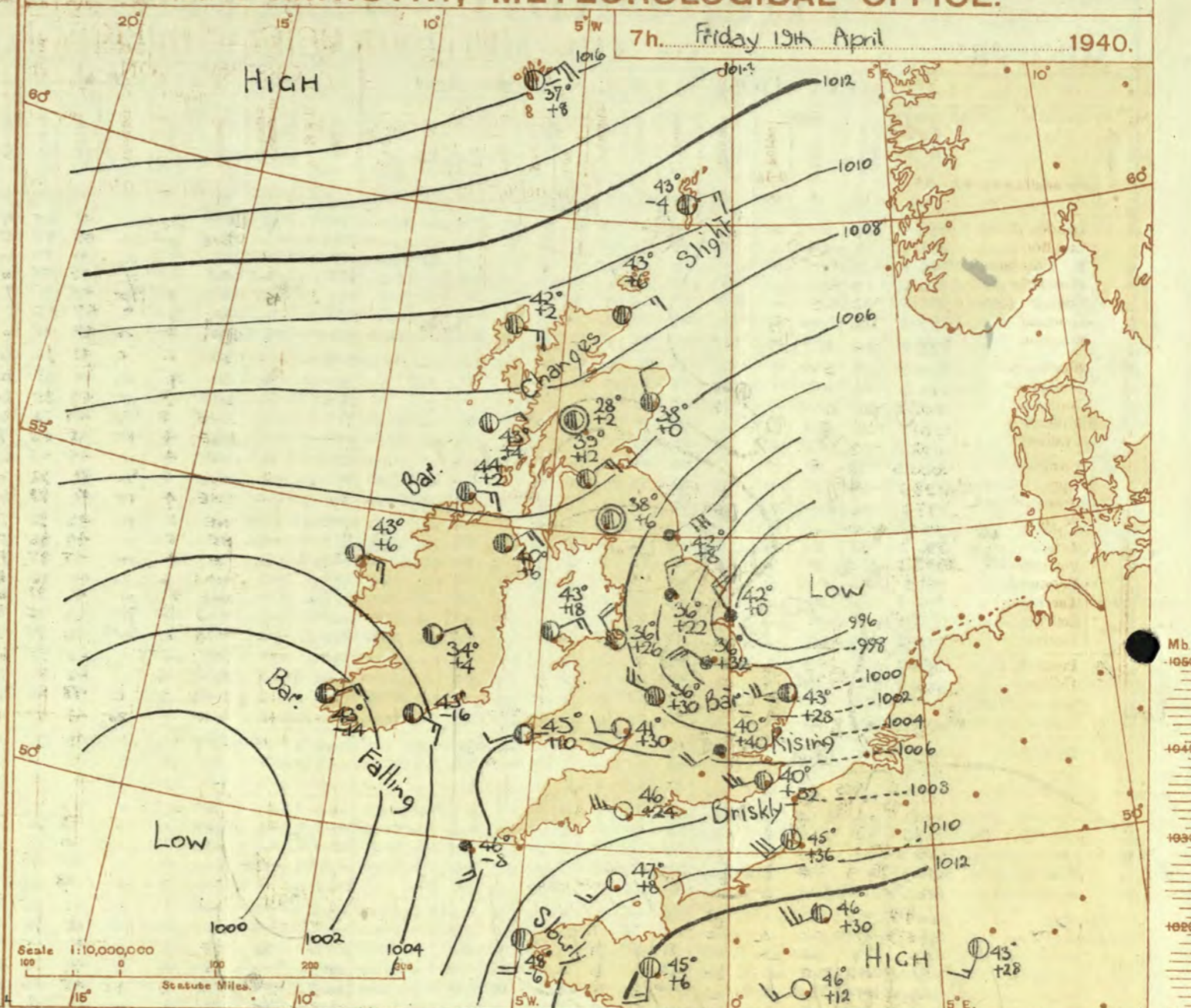
COLUMNS 5, 19, 37, 38, 39, 40.—BEAUFORT NOTATION AND SYMBOLS FOR WEATHER.		COLUMNS 9, 23.—FORM OF LOW CLOUD.		COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.		COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.	
b, blue sky (not more than a quarter covered with cloud).	q, squalls.	r, rain.	s, snow.	0 No medium clouds.	0 No cirriform cloud.	1 Fine Ci not increasing: sparse.	1 Fine Ci not increasing: abundant but not a continuous layer.
bc, sky partly cloudy (one half covered).	rs, sleet.	t, thunder.	u, ugly, threatening sky.	1 Typical As (thin).	1 Typical As (thin).	2 Fine Ci not increasing: abundant but not a continuous layer.	2 Anvil Ci (usually dense).
d, drizzle.	v, unusual visibility.	w, dew.	x, hoar frost.	2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).	2 Typical As (thick) (sun or moon invisible), or Nimbostratus (Ns).	3 Anvil Ci (usually dense).	3 Fine Ci increasing: usually in tufts.
f, fog, visibility 220-1100 yds.	y, dry air.	z, dust haze: the turbid atmosphere of dry weather.	h(r), "hail" or "rain and hail."	3 Single layer of Ac or high Sc.	3 Single layer of Ac or high Sc.	4 Fine Ci increasing: usually in tufts.	4 Ci or Cs increasing: still below 45° altitude: often in polar bands.
F, thick fog „, less than 220 yds.	Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus R, heavy rain.	rr, continuous rain.	Capital letters indicate intense; suffix o indicates slight: repetition of letters indicates continuity: thus R, heavy rain.	4 Ac in isolated patches. Individually decreasing (often lenticular).	4 Ac in isolated patches. Individually decreasing (often lenticular).	5 Ci or Cs increasing: still below 45° altitude: often in polar bands.	5 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.
fa, low fog over sea (coast station).	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.	5 Ac in bands (increasing).	5 Ac in bands (increasing).	6 Ci or Cs increasing and reaching above 45° altitude: often in polar bands.	6 Veil of Cs covering whole sky.
fg, low fog over land (inland station).	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.	6 Ac formed from the spreading out of Cu.	6 Ac formed from the spreading out of Cu.	7 Veil of Cs covering whole sky.	7 Ca not increasing and not covering whole sky.
m, mist, visibility 1100-2200 yds.	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.	7 Ac associated with As or As with parts resembling Ac.	7 Ac associated with As or As with parts resembling Ac.	8 Ca not increasing and not covering whole sky.	8 Co predominating, and a little cirrus. (Co may occur with any of the types 1 to 8).
h, hail.	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.	8 Ac Castellatus (or Ac in ragged fragments).	8 Ac Castellatus (or Ac in ragged fragments).		
if, fog at a distance, but not at station.	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.	9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.	9 Ac in several layers generally associated with fibrous veils and a chaotic appearance of the sky.		
jp, precipitation within sight of station.	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.				
ks, storm of drifting snow.	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.				
k/s, slight storm of drifting snow (generally low).	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.				
k/S, heavy storm of drifting snow (generally low).	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.				
s/k, slight storm of drifting snow (generally high).	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.				
S/k, heavy storm of drifting snow (generally high).	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.				
KQ, line squall.	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.				
l, lightning.	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.				
o, overcast sky.	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.				
p, passing showers.	rr, continuous rain.	rr, continuous rain.	rr, continuous rain.				

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

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Friday 19th April

1940.



## DISTRICTS.

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

1 S.E. England	Wind between northwest and west, moderate to fresh, backing south tonight; fair at first; rain spreading from the west later; rather cold becoming milder.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Wind backing generally to between south and southeast, moderate to fresh, veering slightly later; dull, with rain spreading from the southwest today; occasional rain later; becoming mild generally.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Wind between north and northeast moderate to fresh; cloudy, with occasional rain on East coast early; more general rain tomorrow; rather cold.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind between northeast and east, moderate to fresh, increasing in the south tomorrow; variable cloud, with some bright periods in the west; local showers in East Scotland; rather cold.
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	Wind east moderate, increasing to fresh to strong; occasional rain; rather cold.
20 S. W. Ireland	

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

## GENERAL INFERENCE.

An intense depression over the Southern North Sea and a complex depression to the southwest of the British Isles are both moving northeast. Pressure is high to the northwest of the British Isles. Weather will be fair at first over most of England and Wales, but rain in the southeast will spread northeastwards across the country. There will be occasional rain in Southern Eire, but in the north and in Scotland there will be variable cloud, with local showers in East Scotland. Temperatures will be below average generally, except in the south.

## FURTHER OUTLOOK.

Unsettled generally; mild in the south, rather cold in the north.

## Time of Issue of Gale Warning.

Warning of northeast gale issued at 1915 18/4 for district 2 (part of) and of north gale at 0755 19/4 for districts 1 (part of) 2 (part of) and 10.

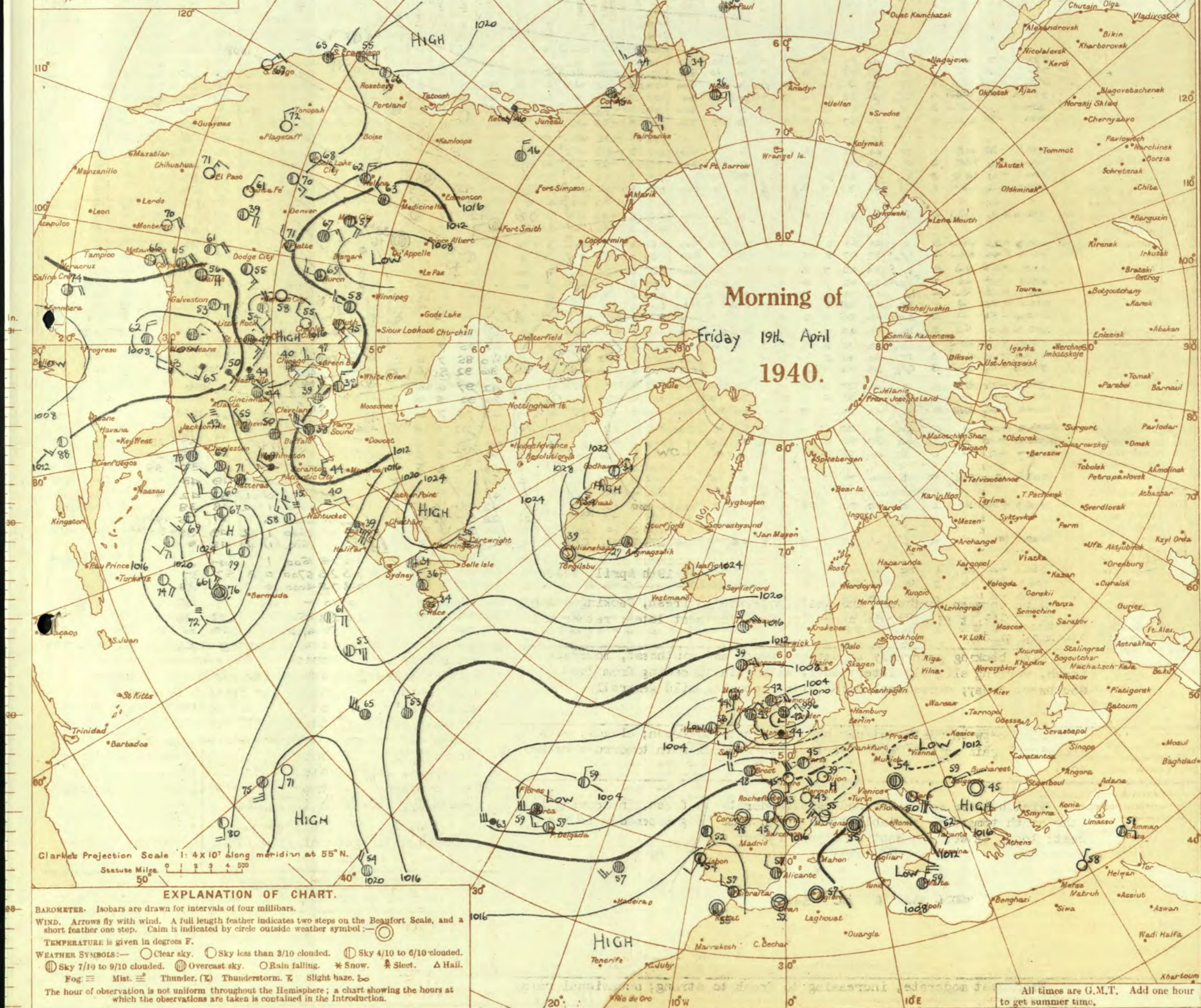
Forecasts issued at 1030.

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

H.M.S. D. 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 19th April 1940  
No. 28638..

OBSERVATIONS at 1 hr. G.M.T.																OBSERVATIONS at 7 hr. G.M.T.																PAST 24 HOURS.							
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp.	Humid.	Visibility.	Cloud.	Height.	Barom. at M.S.L.	Change in 3 hours.	Wind.	Weather.	Temp.	Humid.	Visibility.	Cloud.	State of ground.	Sea.	Max. Day 7h-15h °F.	Min. Night 15h-7h °F.	Min. on Grass °F.	Day 7h-15h mm.	Night 15h-7h mm.	SUN-SHINE 19th Hrs.												
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	
1	London (Kew) ...	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.3	+44	SwW	4	c	41	75	7	5	-	-	10	10	2500	1	*	51	38	37	4	2	0.0	
	Croydon ...	217	935.0	+14	WSW	b	44	97	5	5	-	-	10	10	1500	1005.1	+40	SW	4	c	41	85	8	4	-	-	9	9	1500	1	*	52	37	36	5	3	0.0		
	S. Farnborough ...	226	936.1	+38	W	ir	43	97	6	6	-	-	10	10	800	1006.1	+38	WSW	5	b	41	75	8	4	-	-	Tr	Tr	2500	1	*	52	37	36	7	2	0.0		
	Boacombe Down ...	417	939.7	+64	WN	g	37	92	6	-	2	-	10	10	1500	1006.8	+32	WS	4	Zo	39	92	6	4	-	-	4-6	4-6	800	1	*	48	35	33	8	3	0.0		
	Calshot (Stmntn.) ...	8	939.2	+64	WNW	4	42	86	6	6	2	-	7-8	10	800	1007.0	+32	W	3	Zo	44	75	6	5	-	-	0	0	800	1	*	49	38	35	4	0.6	0.6		
	Lympe ...	346	934.6	-14	SWW	5	43	97	6	6	2	-	9	10	800	1002.3	+52	WSW	5	c	40	75	8	5	-	-	7-8	7-8	1500	1	*	51	38	37	6	2	0.4		
	Manston ...	154	933.1	-38	SWW	4	45	97	6	5	-	-	9+	9+	800	1003.9	+54	WSW	6	bc	40	85	7	5	3	-	4-6	4-6	800	1	*	48	39	37	11	2	0.8		
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.1	+38	WSW	6	c	41	75	6	5	-	-	9+	9+	1500	1	*	50	38	37	6	10	0.1	
	Felixstowe ...	15	993.8	-22	SE	1	44	85	7	8	-	-	10	10	2500	1001.9	+46	WS	6	c/r	39	85	7	6	1	-	9	10	800	1	4	50	39	38	7	*	1.7		
	Gorleston ...	5	936.2	-8	SE	3	48	92	7	8	-	-	9+	9+	800	998.2	+28	WS	4	c/pr	43	92	7	8	-	-	9+	9+	2500	1	3	46	42	41	Tr	10	2.6		
	Mildenhall ...	19	934.1	-10	SE/E	3	44	85	6	5	7	-	9+	10	4000	1000.1	+44	W	5	c	38	92	7	5	-	-	10	10	2500	1	*	55	38	37	2	6	1.3		
	Cranwell ...	240	935.9	-12	NE/N	1	42	97	5	5	-	-	10	10	1500	999.2	+32	WNW	5	dod	36	97	5	-	2	-	10	10	800	1	*	54	34	34	Tr	8	5.0		
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.2	+30	WNW	4	0	36	97	6	6	-	-	10	10	800	1	*	50	33	31	Tr	8	3.6	
	Upper Heyford ...	408	936.2	+13	WNW	4	40	97	5	5	-	-	10	10	450	1004.5	+40	WN	4	c																			

LONDON OBSERVATIONS.													EXPLANATION OF FIGURES, LETTERS, etc.												
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.													Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.												
Height above M.S.L. in feet.	Weather			Temperature.			Rainfall.		Sun- shine. to Sunset.		Humidity.		24 hrs. ended 7h. G.M.T....												
	Morning.	Afternoon.	Night.	Day Max.	Night Min.	Min. on Grass	Day.	Night.	Sunset hrs.	15h. G.M.T. %	9h. G.M.T. %	Visibility 9h.													
														°F.		°F.		min.		min.		Yesterday.		To-day.	
24 hrs. ended 9h.																									
Kew...	18	clrs 20	crsrs m.	51	38	37	4	2	00	.	.	7	SOUTH KENSINGTON.												
CROYDON ...	217	cm	crsrs m.	52	37	36	5	3	00	.	.	5	Max.	Time.	Min.	Time.									
GREENWICH (Royal Observatory)...	149	c	crsrs m.	51	37	36	5	3	00	80	61	6													
CITY (Bunhill Row) ...	—	.	.	.	.	.	.	.	00	.	.	.	KEW OBSERVATORY.												
WESTMINSTER (St. James' Park) ...	27	.	.	.	53	38	32	7	*	86	66	.	Max.	Time.	Min.	Time.									
REGENTS PK. (Botanic Gardens)...	168	.	.	.	52	37	35	4	3	00	71	63	.	.	.	.									
CAMDEN SQUARE ...	110	c	cr	.	51	37	37	1	7	*	75	75	0.2	?	<0.1	1-7h									
KENSINGTON ...	80	cpr	cr	.	53	38	37	4	3	*	65	34	.	18h	.	19h									
HAMPSHIRE OBSERVATORY ...	450	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.									
FOREIGN OBSERVATIONS.													COLUMNS 2, 16.												
STATIONS.													The barometric tendency is expressed in tenths of a millibar.												
18h. G.M.T. 18th April													COLUMNS 4, 18.												
7h. G.M.T. 19th April													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.												
Past 24 Hours.													COLUMNS 8, 22 —Code for surface visibility.												
Barom. mb. Wind. Temp. °F.													Objects not visible at												
Barom. mb. Wind. Temp. °F.													0 Dense fog 55 yards.												
Day mm. Night mm.													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 —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.												

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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 20th April 1940.  
No. 28633

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

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

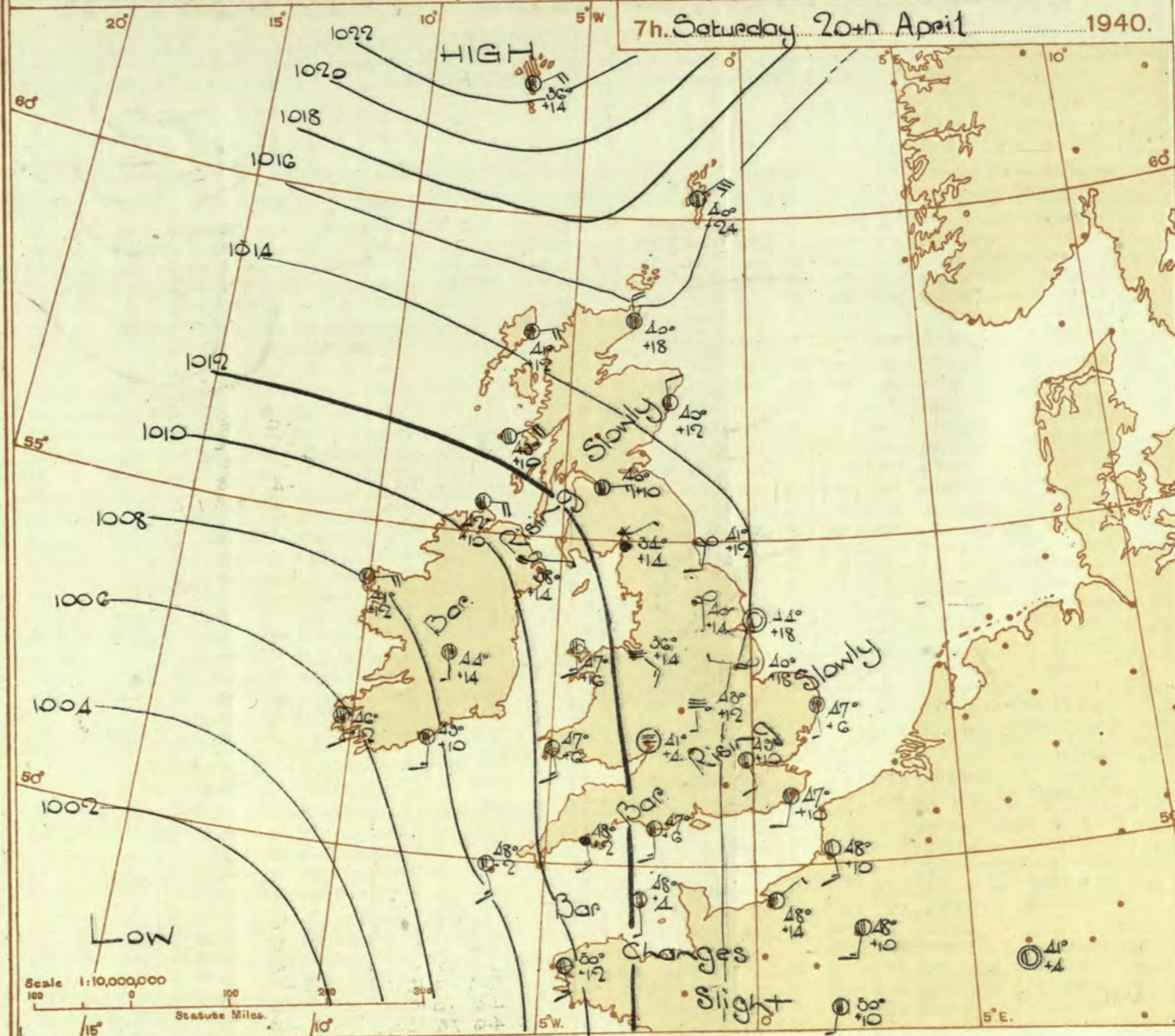
PAST 24 HOURS.

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. m. (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. m. (22)	Cloud.				State of Sky (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 (26) (27)	Height of Base (feet) (28)	7h.—13h. 19h.—19h. (37)	13h.—18h. 19h.—19h. (38)			18h.—24h. 19h.—19h. (39)	1h.—7h. 20h.—20h. (40)									
																														Low.	Med.	High	Low	Med.	High	Low	Med.	High

1	London (Kew)...	1008.3	+14	SWW	3	c	52	45	8	2	5	-	7-8	7-8	4000	1011.0	+6	SW	4	bc	40	85	7	5	1	-	7-8	3+	1500	1	*	cbcy	cpr	cncw	
	Croydon ...	1010.1	+2	SWW	4	bc	54	55	7	1	4	-	4-6	4-6	4000	1011.2	+2	SW	3	bc	50	82	7	5	1	-	4-6	3+	1500	1	*	cbc	cpr	cncw	
	S. Farnborough	1010.0	+10	SSW	5	c	54	55	8	7	3	-	3	3+	2500	1010.5	+2	SW	4	c/r	50	85	6	7	7	-	7-8	3+	4000	1	*	bbcy	cpr	cncw	
	Boscombe Down	1008.8	-2	SW	4	pr	53	55	8	8	7	-	7-8	3+	4000	1009.2	0	SW	4	c/r	50	82	8	8	2	-	7-8	3+	800	1	*	bcm	cpr	cncw	
	Calshot (Soton.)	1010.3	+12	SW	3	bc	51	56	7	7	7	-	7-8	10	2500	1010.4	0	SW	4	bc	40	82	8	8	2	-	7-8	3+	1500	1	2	bee	cpr	cncw	
	Lympne ...	1011.5	+26	SWW	5	bc	52	55	5	1	-	-	4-6	4-6	1500	1013.0	+4	SW	3	bc	50	87	9	2	7	-	2-3	4-6	2500	1	3	cbcbcy	bc	cncw	
	Manston ...	1010.1	+26	W	6	bc	52	55	7	2	-	-	4-6	4-6	2500	1012.3	+6	SW	3	bc	52	78	7	8	3	-	4-6	7-8	2500	1	3	cbcbcy	bc	cncw	
2	Shoeburyness ...	1009.7	+18	WSW	4	b	55	45	6	1	-	-	1	1	4000	1011.4	+10	SW	3	c	54	75	8	6	-	-	7-8	7-8	2500	1	*	byz	c	cncw	
	Felixstowe ...	1009.4	+30	W	5	bc	51	55	7	1	-	-	2-3	2-3	2500	1011.4	+12	SW	2	c/pr	50	85	7	8	-	-	7-8	7-8	2500	1	2	cbc	cpr	cncw	
	Gorleston ...	1009.6	+50	W	5	c	43	78	7	8	-	-	3	3	2500	1010.8	+2	NW	2	c	50	65	6	-	3	-	3	3	4000	0	2	cpr	cpr	cncw	
	Mildenhall ...	1008.8	+44	W	5	c	48	65	7	8	2	-	7-8	3	1500	1010.6	+6	NE	2	c	49	65	6	-	2	-	10	10	2500	1	*	cpr	cpr	cncw	
	Cranwell ...	1008.2	+46	WNW	4	z	45	75	6	5	-	-	3+	3+	1500	1009.6	-2	E	2	c	46	75	6	5	7	-	7-8	3+	2500	1	*	cpr	cpr	cncw	
3	Birmingham	1009.0	+14	NNW	1	c	48	55	7	8	-	-	7-8	7-8	2500	1009.4	-6	RR	45	85	4	6	-	-	-	10	10	800	1	*	cbc	bc	cncw		
4	Upper Heyford	1009.2	+14	WSW	2	bc	54	55	8	1	4	5	2-3	4-6	2500	1008.9	-4	S	4	c	50	85	8	3	3	-	7-8	3	800	1	*	cbc	cpr	cncw	
	Ross-on-Wye ...	1008.1	+4	S	2	c	53	45	7	1	-	-	1	3	4000	1007.9	-4	SWW	3	c/pr	46	85	6	3	-	-	10	10	2500	1	*	bcbcy	bc	cncw	
5	Hartland Point	1004.4	-20	SSW	3	c/r	50	85	8	8	1	-	7-8	3+	1500	1006.1	+26	W	5	bc	50	85	8	4	-	-	2-3	4-6	2500	1	3	cpr	cpr	cncw	
	Bristol ...	1008.3	+4	SW	3	c	49	75	7	5	2	-	4-6	10	1500	1007.9	0	SW	5	c	53	75	7	8	6	-	4-6	7-8	1500	1	4	cbc	cpr	cncw	
	Portland Bill ...	1008.8	+4	S	4	c	47	92	7	5	7	-	3+	10	2500	1009.4	+4	SW	4	c	49	92	7	5	4	-	4-6	10	2500	1	4	cpr	cpr	cncw	
	Plymouth ...	1007.0	-4	S	5	bc	50	85	6	6	2	-	7-8	10	1500	1008.2	+10	SSW	5	c	50	85	7	8	3	-	7-8	3+	4000	1	3	cbc	cpr	cncw	
	The Lizard ...	1005.6	-6	SSW	5	bc	51	85	8	6	6	-	7-8	7-8	2500	1008.0	+12	SW	5	bc	51	92	8	8	6	-	4-6	4-6	2500	1	3	cpr	cpr	cncw	
	Scilly (St. Mary's)	1004.1	+6	SWW	5	c	53	85	8	8	7	4	2-3	7-8	1500	1006.6	+12	SW	3	bc	54	75	8	8	4	-	2-3	4-6	1500	1	3	cpr	cpr	cncw	
	Guernsey ...	1009.3	+2	SW	4	c	53	85	7	8	1	-	7-8	3+	1500	1010.3	+2	SWW	2	c	52	85	8	4	7	8	2-3	7-8	2500	1	3	bbc	cpr	cncw	
6	Pembroke ...	1004.4	-12	ESE	5	bc	44	37	7	8	-	-	10	10	1500	1005.4	0	SW	4	bc	48	92	8	1	3	-	2-3	4-6	2500	1	2	cbc	cpr	cncw	
7	Holyhead ...	1004.8	0	ENE	4	c	48	65	8	1	1	2	4-6	7-8	2500	1005.9	-2	E	4	c	48	37	7	6	2	-	7-8	10	1500	1	2	cbc	cpr	cncw	
	Chester (Sealand)	1008.3	+10	NE	1	bc	49	65	8	8	-	-	4-6	4-6	2500	1007.7	-2	SE	3	c	48	65	6	5	2	-	3	10	4000	1	*	cbc	cpr	cncw	
8	Manchester ...	1008.5	+14	N	2	c/pr	47	65	6	8	3	-	7-8	3+	4000	1008.1	-4	E	4	c	47	65	5	5	2	-	4-6	10	4000	1	*	cpr	cpr	cncw	
10	Spurn Head ...	1005.8	+40	NW	5	cq	43	85	7	6	-	-	3+	3+	450	1010.2	+12	NE	2	c	44	85	7	8	6	-	4-6	7-8	4000	0	2	cpr	cpr	cncw	
	Catterick ...	1007.4	+22	-	0	c	45	85	7	8	3	-	7-8	3+	1500	1009.0	+6	ESE	1	c	45	65	6	5	-	-	10	10	4000	1	*	cpr	cpr	cncw	
	Tynemouth ...	1007.4	+18	N	3	c/r	40	92	7	5	-	-	3	3	2500	1009.7	+14	N	4	bc	44	85	7	2	3	1	2-3	4-6	2500	1	*	cpr	cpr	cncw	
11	St. Abbs Head	1007.2	+18	N	4	c	41	92	7	8	2	-	7-8	10	2500	1009.3	+6	NNE	2	c	42	92	7	8	2	1	7-8	10	1500	0	2	c	cpr	cncw	
	Leuchars ...	1007.8	+8	N	2	c	43	55	8	2	1	-	2-3	10	4000	1009.2	+8	E	3	c	45	75	8	5	2	-	1	10	4000	0	*	c	cpr	cncw	
12	Renfrew (Abbots L.)	1008.5	+6	E	1	c	49	45	7	5	1	-	7-8	10	4000	1008.7	0	ESE	2	c	49	55	7	5	-	-	3+	3+	5700	4	*	cpr	cpr	cncw	
	Eskdalemuir ...	1007.6	+14	NE	3	c	44	45	8	5	2	-	1	10	1500	1008.1	+2	ESE	4	bc	45	55	8	7	-	-	4-6	4-6	2500	1	*	cpr	cpr	cncw	
	Point of Ayre ...	1008.2	+2	SE	2	c	48	65	8	2	3	-	7-8	7-8	4000	1007.3	-6	SE	3	c	46	75	8	8	2	-	4-6	10	2500	0	2	cbc	cpr	cncw	
13A	Tiree ...	1007.5	+4	NE	2	c	48	75	8	5	1	-	4-6	7-8	4000	1007.6	0	NNE	1	bc	48	45	8	-	3	-	0	4-6	-	0	1	2	cbc	cpr	cncw
13B	Stornoway ...	1009.7	+4	ENE	3	c	46	75	7	5	1	-	7-8	10	4000	1011.0	+6	ENE	4	c	48	85	7	5	1	-	2-3	10	4000	1	2	c	cpr	cncw	
15	Dalwhinnie ...	1008.8	+2	NE	3	c	46	45	8	4	1	-	2-3	10	4000	1009.9	+10	NE	3	c	48	55	8	4	1	-	1	10	4000	0	*	c	cpr		

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 20th April 1940.



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

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 20th April, 1940.
1 S.E. England	Moderate south to southeast wind; bright intervals and local showers at first; occasional rain later; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Moderate southeast to south wind; occasional rain; bright intervals later; mild.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Moderate east to southeast wind; bright intervals and local showers at first; occasional rain later; average temperature.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A. W. Scotld. B.N.W. Scot- land.	Moderate east wind, fresh locally; mainly cloudy, local rain or sleet, snow on high ground; rather cold.
14 Mid Scotland	
15 N. E. Scotland	Fresh northeast wind; strong locally, cloudy; local wintry showers; cold.
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7 - 10.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

## GENERAL INFERENCE.

A depression southwest of the British Isles is moving northeast slowly, while pressure is high to north of Shetland and over Switzerland. Weather will be mainly cloudy with local rain at first and more general rain spreading northeast across the country later.

## FURTHER OUTLOOK.

Bright intervals and local showers in the South and Midlands, occasional wintry showers in Scotland. Mild in the South, cold in Scotland.

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

Morning of  
Saturday 20th April  
1940.

Clark's Projection Scale 1:4x10<sup>7</sup> along meridian at 55°N.  
Statute Miles. 0 1 2 3 4 50

## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows 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. ☼ 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 20th April 1940.

No 28,639

OBSERVATIONS at 1 hr. G.M.T. 20th April															OBSERVATIONS at 7 hr. G.M.T. 20th April															PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					Barom. at M.S.L. mb. (29)	Change in 3 hours. (30)	TEMPERATURE.		RAINFALL.		SUN- SHINE 12 Hrs. (36)				
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Direc. (17)	Force. (18)			Form. (23)	Amount. (24)					Height of Base (feet) (28)	Max. Day 7h-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	1012.7	+4	SSE	2	c	46	97	8	5	7	4-6	10	4000	1014.2	+16	-	0	48	92	5	5	-	-	9+	9+	500	1	54	46	43	0.6	0.5	6.3				
	Croydon ...	217	1012.7	+4	SSE	2	c	46	97	8	5	7	4-6	10	4000	1014.0	+10	SE	49	92	8	5	7	-	7-8	9+	4000	1	56	45	43	1	0.4	6.7					
	S. Farnborough ...	226	1012.3	+6	SSE	3	c	46	97	6	5	-	-	10	10	4000	1013.9	+12	SE	48	97	5	5	3	-	2-3	9	1500	1	56	46	44	1	0.4	7.0				
	Boscombe Down ...	417	1012.0	+10	SSE	2	c	46	97	6	5	2	-	10	10	1500	1013.4	+12	SSE	46	97	6	5	-	-	10	10	220	1	54	45	45	2	0.2	5.1				
	Calshot (Stmntn.) ...	8	1011.8	+6	S	1	c	48	92	7	5	-	-	9+	9+	5700	1013.6	+14	SE/E	48	92	6	5	-	-	10	10	1500	1	50	47	45	2	0.3	6.5				
	Lympne ...	346	1014.3	+2	S	2	c	46	92	8	1	3	-	1	3	2500	1015.4	+10	SSW	47	85	8	-	7	-	0	9+	-	1	55	44	38	-	-	10.2				
	Manston ...	154	1013.6	0	SE	2	c	47	85	7	5	-	-	9	9	5700	1014.9	+16	SSW	43	85	8	5	-	-	9+	9+	4000	0	55	37	44	-	Tr	8.9				
2	Shoeburyness ...	11	1013.3	+8	SW	2	c	47	92	7	1	5	-	2-3	9+	4000	1014.6	+14	SE/S	49	97	7	6	7	-	4-6	9+	4000	1	56	42	44	Tr	0.1	5.0				
	Felixstowe ...	15	1012.3	0	SW	2	c	46	85	6	5	5	-	4-6	9+	2500	1014.4	+6	SE	47	85	6	5	-	-	9+	9+	2500	1	50	40	42	Tr	0.2	3.8				
	Gorleston ...	5	1012.3	+12	SW	2	c	47	97	6	-	2	-	10	10	1500	1013.8	+10	SW	49	92	6	5	7	-	7-8	9+	4000	1	53	45	43	0.2	0.3	3.8				
	Mildenhall ...	19	1012.3	+12	SW	2	c	47	97	6	-	2	-	10	10	1500	1013.8	+10	SW	49	92	6	5	7	-	7-8	9+	4000	1	53	45	43	0.2	0.3	3.8				
	Cranwell ...	240	1011.6	+12	SW	2	c	40	97	5	5	-	-	10	10	1500	1014.1	+18	WNW	40	97	6	5	-	-	4-6	9+	2500	1	49	35	31	1	0.3	2.8				
3	Birmingham ...	535	1009.8	+12	S	3	bc	44	92	8	1	-	-	2-3	9+	2500	1010.5	+4	SE	46	97	8	5	6	-	7-8	9	2500	1	52	42	40	3	-	5.9				
	Upper Heyford ...	408	1011.7	+14	S	2	c	47	97	6	5	-	-	10	10	800	1013.5	+14	S	46	97	5	5	-	9	7-8	9	220	1	56	43	39	1	0.2	*				
4	Ross-on-Wye ...	223	1011.7	+14	S	2	c	47	97	6	5	-	-	10	10	800	1013.5	+14	S	46	97	5	5	-	9	7-8	9	220	1	56	43	39	1	0.2	*				
5	Hartland Point ...	299	1009.8	+12	S	3	bc	44	92	8	1	-	-	2-3	9+	2500	1010.5	+4	SE	46	97	8	5	6	-	7-8	9	2500	1	52	42	40	3	-	5.9				
	Bristol ...	209	1011.3	+12	S	2	c	48	92	7	5	3	-	7-8	9+	4000	1012.4	+6	SE	48	92	6	5	3	-	4-6	9+	450	1	54	45	37	1	Tr	5.7				
	Portland Bill ...	32	1011.5	+10	SW	4	bc	47	92	7	5	-	-	10	10	1500	1012.6	+6	SE	47	92	7	3	-	-	10	10	2500	1	50	45	45	0.5	0.3	*				
	Plymouth ...	82	1009.6	+8	SW	4	bc	49	92	6	8	-	-	10	10	1500	1011.1	+2	SE	48	97	6	-	2	-	10	10	450	1	52	45	45	2	0.4	3.4				
	The Lizard ...	240	1009.3	+6	SW	4	bc	48	97	8	8	2	-	7-8	9	2500	1010.1	+2	S	48	97	8	8	2	-	9	10	1500	1	54	46	48	1	0.2	6.2				
	Scilly (St. Mary's) ...	163	1009.1	+8	SW	2	bc	46	97	8	5	-	-	2-3	9+	2500	1009.4	-2	SE	48	97	8	8	2	-	7-8	10	800	1	54	45	45	4	Tr	8.5				
	Guernsey ...	175	1011.3	+12	SW	2	c	49	92	8	8	1	-	9	10	2000	1012.5	+4	SE	48	92	8	5	7	-	7-8	9+	4000	1	55	47	45	2	0.6	4.8				
6	Pembroke ...	142	1009.5	+10	SW	4	bc	47	97	8	1	-	-	2-3	9+	2500	1010.7	+6	SE	47	97	7	5	4	-	4-6	9+	1500	1	50	46	46	3	5.9	*				
7	Holyhead ...	26	1008.0	+14	SE	4	bc	48	97	8	9	-	-	10	10	1500	1010.2	+16	SE	47	92	8	8	3	4	2-3	4-6	2500	1	48	45	45	5	7	4.9				
	Chester (Sealand) ...	16	1010.3	+12	SE	2	c	40	97	6	5	-	-	4-6	9+	2500	1012.5	+14	SE/E	36	97	2	-	-	-	0	0	450	1	51	36	33	Tr	1	2.9				
8	Manchester ...	70	1010.8	+10	E	2	c	42	85	5	8	-	-	9	9	4000	1013.2	+16	-	0	41	92	5	-	3	4	0	4-6	-	1	50	45	39	Tr	0.3	1.4			
10	Spurn Head ...	29	1011.3	+6	SE	2	c	39	85	6	6	2	-	10	10	1500	1014.2	+16	-	0	40	97	6	9	-	1	0	1	4500	1	47	40	40	1	1	2.2			
	Catterick ...	175	1011.3	+6	SE	2	c	39	85	6	6	2	-	10	10	1500	1013.3	+14	S	40	92	6	5	-	-	9	9	2500	1	46	37	33	2	0.3	0.5				
	Tynemouth ...	108	1012.8	+12	S	3	c	41	85	6	6	-	-	10	10	1500	1013.6	+12	SSW	41	85	5	2	3	-	4-6	9+	2500	1	46	40	37	1	1	*				
11	St. Abbs Head ...	280	1011.8	+14	-	0	c	40	97	7	5	2	-	7-8	10	1500	1013.5	+16	NNE	40	92	8	5	2	-	7-8	9+	2500	1	42	37	37	-	3	-				
	Leuchars ...	36	1012.3	+2	NW	1	c	41	92	6	5	2	-	9	10	800	1014.0	+14	NNE	41	85	7	5	7	-	7-8	9+	1500	1	50	39	36	-	0.4	0.0				
12	Renfrew (Abbots I.) ...	19	1011.8	+14	ESE	2	c	41	85	5	5	2	-	9	10	1500	1013.1	+10	E	40	92	7	6	2	-	7-8	10	800	1	51	39	37	-	1	0.0				
	Eskdalemuir ...	794	1011.8	+14	ESE	2	c	41	85	5	5	2	-	9	10	1500	1013.1	+14	NE/E	40	97	6	-	2	-	10	10	450	6	47	38	32	0.1	7	1.2				
	Point of Ayre ...	30	1008.2	+8	SE	2	c	43	92	7	8	2	-	7-8	10	1500	1010.7	+16	SE	44	92	7	3	-	-	9+	9+	1500	1	50	41	41	-	8	5.0				
13a	Tiree ...	22	1013.5	+12	ENE	4	c	42	75	7	5	1	-	4-6	10	2500	1012.2	+10	NE/E	44	75	8	5	-	-	7-8	7-8	4000	0	52	41	41	-	-	2.8				
13b	Stormway ...	80	1013.5	+12	ENE	4	c	42	75	7	5	1	-	4-6	10	2500	1012.2	+10	NE/E	44	75	8	5	-	-	7-8	7-8	4000	0	52	41	41	-	-	2.8				
15	Dalwhinnie ...	1176	1013.5	+12	ENE	4	c	42	75	7	5	1	-	4-6	10	2500	1012.2	+10	NE	44	75	8	5	-	-	7-8	7-8	4000	0	52	41	41	-	-	2.8				

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Sunday 20th April 1940.  
No. 28639

OBSERVATIONS at 13h. G.M.T. 20th April

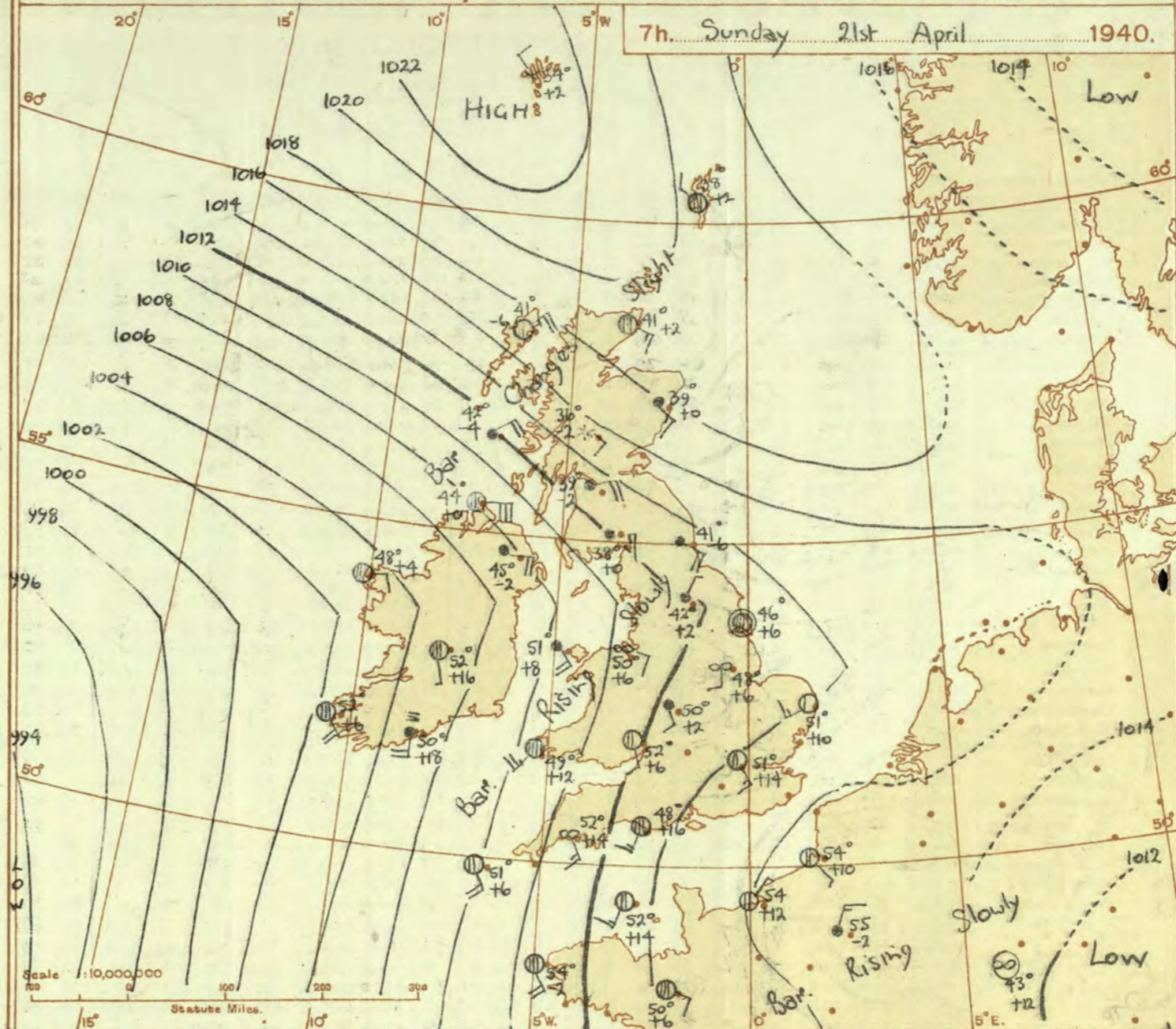
OBSERVATIONS at 18h. G.M.T. 20th April

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. 0-9 (8)	Cloud.			Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																
				Direc. (3)	Force. (4)					Form.	Amount. 0-10 (12)	Height of Base. (feet) (14)			Direc. (17)	Force (18)					Form.	Amount 0-10 (25)	Height of Base (feet) (28)			7h.—13h. 20h. (37)	13h.—18h. 20h. (38)	18h.—24h. 24h. (39)	1h.—7h. 24h. (40)													
																														Low.	Med.	High	Low	Total 0-10 (13)	Med.	High	Low	Total 0-10 (26)	1h.	2h.	3h.	4h.
1	London (Kew)...	1015.0	-4	SE	2	c/pr	58	75	6	5	3	-	7.8	9.4	4000	1013.0	-10	SE/E	3	59	45	6	5	1	*	cprmo	cprmo	cprmo	bccw													
	Croydon ...	1015.0	-2	SE/E	1	c/pr	61	65	7	5	7	-	7.8	9.4	2500	1013.5	-6	SE	3	59	65	7	5	7	-	4.6	10	5700	1	*	cprmo	cprmo	cprmo	bccw								
	S. Farnborough	1014.5	-2	SE/E	3	c/pr	56	75	7	7	7	-	4.6	9.4	2500	1012.5	-10	ESE	2	58	55	7	4	7	-	1	10	4000	1	*	cprmo	cprmo	cprmo	bccw								
	Boscombe Down	1013.9	-2	SE	4	c	54	85	6	5	7	-	7.8	10	1500	1012.2	-2	SE	3	55	65	8	5	1	-	7.8	9.4	5700	1	*	cprmo	cprmo	cprmo	bccw								
	Calshot (Soton.)	1014.2	-6	E/S	3	c	49	85	8	5	7	-	4.6	9.4	5700	1012.6	-2	ESE	2	50	85	7	5	7	-	4.6	10	5700	1	2	cprmo	cprmo	cprmo	bccw								
	Lymington	1016.8	+6	SE	2	c	57	65	9	1	3	-	7.8	9.4	2500	1015.3	-2	E/N	3	55	55	8	5	2	-	4.6	9	4000	1	3	cprmo	cprmo	cprmo	bccw								
	Manston	1016.2	+2	SSE	2	c	58	65	8	5	7	-	2.3	9	4000	1015.1	-4	E/S	3	55	65	7	5	3	-	4.6	9.4	4000	0	*	cprmo	cprmo	cprmo	bccw								
2	Shoeburyness ...	1016.1	+4	ESE	2	c	56	75	8	5	-	-	9.4	9.4	5700	1014.6	-12	ESE	3	52	75	8	5	-	-	10	10	5700	1	*	cprmo	cprmo	cprmo	bccw								
	Felixstowe ...	1016.6	+10	SSW	2	c/pr	51	85	6	5	7	-	4.6	9.4	4000	1015.8	-4	ENE	2	51	75	7	5	7	-	7.8	10	4000	1	1	cprmo	cprmo	cprmo	bccw								
	Gorleston ...	1015.8	+8	S/E	2	c/pr	50	85	6	8	-	-	10	10	2500	1016.2	+2	ENE	1	47	85	6	5	-	-	9	9	2500	0	2	cprmo	cprmo	cprmo	bccw								
	Mildenhall ...	1015.5	+6	NE	1	c	54	85	7	5	2	-	7.8	10	2500	1014.6	-2	E	2	56	75	6	5	7	-	4.6	10	4000	1	*	cprmo	cprmo	cprmo	bccw								
	Cranwell	1015.1	+2	SSE	2	c	56	65	8	8	-	-	9	10	1500	1015.2	+6	ESE	2	50	92	6	5	7	-	9	10	1500	1	*	cprmo	cprmo	cprmo	bccw								
3	Birmingham	1014.0	+2	SE	2	pr	53	75	7	5	1	-	4.6	10	1500	1013.1	-4	ESE	3	47	75	6	5	7	-	2.3	10	1500	1	*	cprmo	cprmo	cprmo	bccw								
	Upper Heyford	1014.8	-4	SSE	2	c	53	85	8	5	2	-	9	10	800	1013.0	-8	E	3	47	85	5	5	2	-	4.6	10	1500	1	*	cprmo	cprmo	cprmo	bccw								
4	Ross-on-Wye ...	1013.2	-6	E/S	3	c	53	85	7	6	1	-	7.8	10	1500	1011.8	-8	E	3	47	85	7	6	2	-	4.6	10	2500	1	*	cprmo	cprmo	cprmo	bccw								
5	Hartland Point	1009.7	-12	E	3	c	54	75	8	8	2	-	7.8	10	1500	1008.8	-6	SE	4	47	75	8	8	7	-	7.8	9	2500	1	3	cprmo	cprmo	cprmo	bccw								
	Bristol ...	1013.4	-4	SE	3	c	55	85	7	5	7	-	7.8	10	1500	1011.5	-8	E/S	2	47	75	7	5	7	-	2.3	10	1500	1	*	cprmo	cprmo	cprmo	bccw								
	Portland Bill ...	1011.8	-10	ENE	4	c	48	92	7	5	-	-	10	10	4000	1010.3	-10	SE	3	49	92	8	5	-	-	10	10	4000	1	3	cprmo	cprmo	cprmo	bccw								
	Plymouth	1010.4	-10	ESE	4	c	46	65	8	5	7	-	2.3	10	2500	1010.5	+2	SE	3	47	85	6	5	7	-	7.8	10	1500	1	2	cprmo	cprmo	cprmo	bccw								
	The Lizard	1009.9	+2	SSE	4	c	50	97	7	8	2	-	9	10	1500	1009.1	0	S	4	47	97	7	4	-	-	4.6	4.6	2500	1	3	cprmo	cprmo	cprmo	bccw								
	Scilly (St. Mary's)	1007.1	-10	SE	4	c	51	97	6	5	-	-	7.8	10	1500	1006.0	+2	SSE	5	47	97	7	5	3	-	4.6	9	1500	1	2	cprmo	cprmo	cprmo	bccw								
	Guernsey	1011.1	-8	SE	2	c	58	75	9	8	1	-	7.8	9	4000	1011.9	+16	WSW	2	47	85	7	5	1	-	4.6	10	2500	1	3	cprmo	cprmo	cprmo	bccw								
6	Pembroke	1010.5	-2	SE/E	4	c	49	97	7	8	-	-	9.4	9.4	1500	1009.0	-10	SE	6	47	97	7	5	2	-	7.8	10	1500	1	2	cprmo	cprmo	cprmo	bccw								
7	Holyhead	1012.2	+2	SSE	3	c	53	65	9	8	-	-	2.3	9.4	2500	1011.3	0	SE/E	2	47	85	6	5	2	-	4.6	10	1500	1	1	cprmo	cprmo	cprmo	bccw								
	Chester (Sealand)	1013.3	0	ESE	3	c	55	65	6	1	1	-	7.8	10	2500	1013.1	-2	E/S	2	47	85	5	6	2	-	7.8	10	800	1	*	cprmo	cprmo	cprmo	bccw								
8	Manchester	1014.3	+4	SE	3	c	57	45	7	1	-	-	7	1	10	4000	1013.4	-2	E/S	3	47	85	5	5	7	-	9	10	4000	1	*	cprmo	cprmo	cprmo	bccw							
10	Spurn Head	1015.9	+6	E/N	2	c	48	85	6	1	1	6	2.3	7.8	2500	1015.7	0	E	4	47	97	6	5	-	-	9.4	9.4	2500	0	2	cprmo	cprmo	cprmo	bccw								
	Catterick	1014.9	+2	SSE	1	c	53	65	6	7	-	-	2.3	2.3	2500	1015.6	+8	H/E	2	47	75	4	-	1	-	0	10	-	1	*	cprmo	cprmo	cprmo	bccw								
	Tynemouth	1016.7	+16	E	4	c	44	85	7	2	3	-	4.6	7.8	2500	1018.3	+8	E	3	47	85	-	8	-	-	9.4	9.4	2500	1	2	cprmo	cprmo	cprmo	bccw								
11	St. Abbs Head	1016.7	+16	NNE	1	c	44	85	8	8	6	-	7.8	10	2500	1018.0	+8	ESE	2	47	92	8	8	5	-	4.6	4.6	2500	0	2	cprmo	cprmo	cprmo	bccw								
	Leuchars	1017.0	+14	E	3	bc	48	65	8	8	7	-	1	2.3	4000	1018.2	+10	ENE	3	47	75	8	-	7	1	0	4.6	1	-	1	*	cprmo	cprmo	cprmo	bccw							
12	Renfrew (Abbots L.)	1015.6	+6	E/S	3	c	47	75	7	5	7	-	7.8	9.4	2500	1016.3	+6	E/S	4	46	65	7	5	-	-	9.4	9.4	2500	0	*	cprmo	cprmo	cprmo	bccw								
	Esksdalemuir	1015.5	+12	NE	3	c	41	92	6	-	2	-	10	10	450	1015.8	+6	E/N	5	47	85	6	5	-	-	10	10	800	1	*	cprmo	cprmo	cprmo	bccw								
	Point of Ayre	1013.6	+6	SE/S	3	c	52	85	8	2	-	-	7	1	10	2500	1013.1	-2	E	4	47	85	6	5	1	-	7.8	10	4000	0	2	cprmo	cprmo	cprmo	bccw							
13A	Tiree ...	1014.4	+8	ESE	3	bc	49	65	8	5	3	-	2.3	4.6	4000	1014.2	0	ESE	2	47	65	8	5	3	-	2.3	4.6	4000	0	2	cprmo	cprmo	cprmo	bccw								
13B	Stornoway	1017.7	+12	NE	5	bc	47	75	8	5	6	6	2.3	4.6	2500	1019.1	+6	NE	6	47	65	8	1	4	-	1	2.3	4000	1	3	cprmo	cprmo	cprmo	bccw								
15	Dalwhinnie	1016.5	+2	ENE	2	c	46	45	8	5	7	-	7.8	9.4	4000	1018.0	+10	SE	3	47	75	8	5	-	-	10	10	4000	0	*	cprmo	cprmo	cprmo	bccw								
	Aberdeen	1017.8	+14	ENE	3	bc	45	75	7	8	-	-	4.6	4.6	2500	1019.3	+10	ENE	3	47	75	7	7	-	-	1	1	2500	0	2	cprmo	cprmo	cprmo	bccw								
	Wick	1018.3	+12	NE	5	c	43	85	8	8	7	1																														

# AIR MINISTRY, METEOROLOGICAL OFFICE.

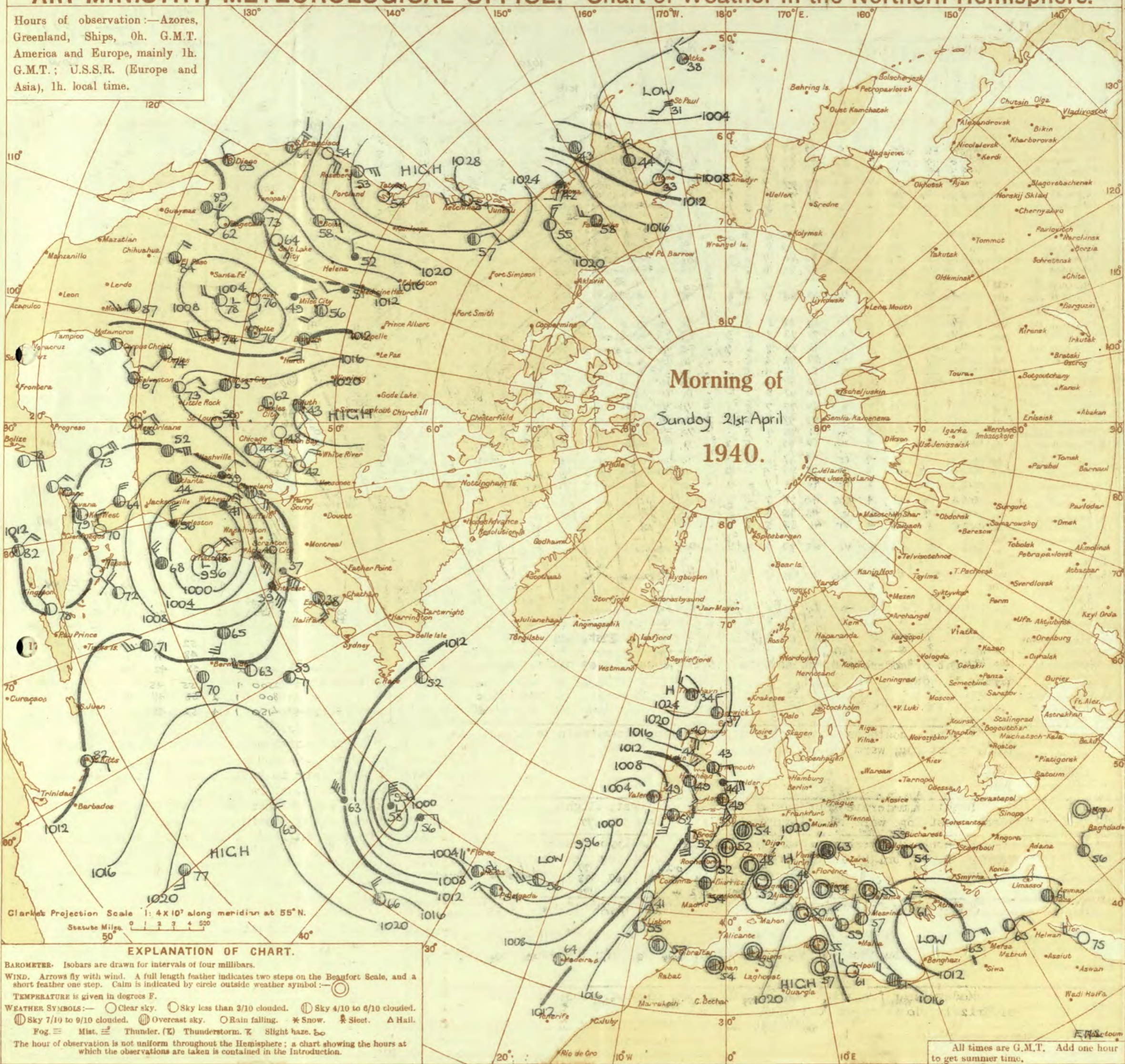
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# AIR MINISTRY, METEOROLOGICAL OFFICE. Chart of Weather in the Northern Hemisphere.

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



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 21st April 1940

No. ~~28439~~ 28640

OBSERVATIONS at 1 hr. G.M.T. 21st April															OBSERVATIONS at 7 hr. G.M.T. 21st April															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)	Visib. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visib. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.			SUN-SHINE Hrs. (36)		
					Direc.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Direc.	Force.			Form.	Amount.					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)								
																																Low.	Med.	High.	Low.	Med.		High.	Low.
1	London (Kew) ... 217	1014.8	+6	SSE	3	c	49	97	7	-	3	0	9	1016.8	+14	S	2	c	50	92	7	5	3	-	9	9	1500	1	*	62	46	34	0.2	0.1	0.5				
	Croydon ... 187	1014.6	+8	SSE	3	bc	50	92	7	5	-	4-6	4-6	1016.6	+14	S	3	bc	51	92	7	5	3	5	1	2-3	1500	1	*	63	47	43	0.2	0.3	0.4				
	S. Farnborough ... 226	1014.3	+8	SSE	3	bc	45	97	6	5	-	4-6	4-6	1016.5	+10	S	3	bc	49	97	6	5	-	9	9	800	1	*	57	44	42	0.1	Tr	0.0					
	Boscombe Down ... 417	1014.4	+8	SW	1	b	50	92	7	5	-	Tr	Tr	1016.1	+14	SSE	2	bc	50	97	6	5	-	9	9	1300	1	1	55	47	43	0.3	Tr	0.0					
	Calshot (Stmntn.) ... 8	1016.6	+6	SW	2	bc	49	97	8	-	7	0	4-6	1017.6	+8	SW	1	b	50	85	8	-	-	-	0	0	-	1	51	61	45	37	Tr	0.2	5.3				
	Lympe ... 346	1015.8	+10	SSW	2	bc	53	85	8	5	-	4-6	4-6	1017.6	+14	SW	2	b	51	92	9	-	-	1	0	1	-	0	*	62	40	39	Tr	Tr	3.7				
	Manston ... 154	1015.8	+10	SSW	2	bc	53	85	8	5	-	4-6	4-6	1017.6	+14	SW	2	b	51	92	9	-	-	1	0	1	-	0	*	62	40	39	Tr	Tr	3.7				
2	Shoeburyness ... 11	1014.8	-6	S	2	bc	49	85	6	5	7	4-6	9	1017.4	+14	SW	3	b	50	92	8	-	-	-	0	0	-	1	*	58	47	36	0.2	Tr	0.5				
	Felixstowe ... 15	1015.3	-10	SE	4	c	46	85	7	8	-	9	9	1017.1	+16	SW	2	b	49	97	8	-	-	1	0	Tr	-	1	1	55	46	39	0.1	Tr	0.6				
	Gorleston ... 5	1014.0	-10	SE	3	bc	48	85	7	5	1	2-3	2-3	1015.7	+10	S	2	bc	51	85	6	-	7	2	0	7-8	-	1	*	57	41	40	0.2	0.3	0.1				
	Mildenhall ... 19	1013.2	-14	E	2	Tr	45	97	6	5	-	4-6	9	1014.6	+6	SW	2	bc	48	97	6	5	-	9	9	1500	1	*	56	40	33	Tr	3	5.1					
	Cranwell ... 240	1013.2	-14	E	2	Tr	45	97	6	5	-	4-6	9	1014.6	+6	SW	2	bc	48	97	6	5	-	9	9	1500	1	*	56	40	33	Tr	3	5.1					
3	Birmingham ... 535	1013.7	+4	SSE	2	b	49	85	7	5	4	Tr	1	1500	1014.0	+2	S	2	bc	50	92	6	5	-	9	10	1500	1	*	54	50	46	Tr	Tr	1.9				
	Upper Heyford ... 408	1013.7	+4	SSE	2	b	49	85	7	5	4	Tr	1	1500	1015.2	+12	S	3	bc	50	92	6	5	-	9	9	800	1	*	56	46	39	0.1	Tr	*				
4	Ross-on-Wye ... 223	1013.5	+6	S	2	bc	52	92	7	5	-	4-6	4-6	1500	1013.5	+6	S	2	bc	52	92	7	5	-	4-6	4-6	1500	1	*	57	51	46	Tr	0.2	0.1				
5	Hartland Point ... 299	1009.8	+2	SSW	4	c	53	85	8	5	-	9	9	2500	1012.0	+14	SSW	4	c	52	92	8	5	-	9	10	2500	1	2	55	50	48	3	-	0.1				
	Bristol ... 209	1012.8	+2	S	4	c	51	92	7	5	3	2-3	7-8	4000	1014.7	+14	S	3	c	51	92	8	5	3	4-6	7-8	4000	1	*	57	50	46	0.2	Tr	0.4				
	Portland Bill ... 32	1013.6	+10	SSE	3	c	46	92	8	5	7	7-8	10	4000	1015.9	+16	SSW	3	c	48	92	8	5	-	10	10	4000	1	3	49	44	*	0.4	-	*				
	Plymouth ... 82	1012.0	+8	SE	4	c/r	52	92	6	5	-	10	10	800	1013.7	+14	SSE	3	bc	52	92	6	5	-	9	9	1500	1	3	56	51	49	0.3	0.1	1.0				
	The Lizard ... 240	1011.3	+10	SW	5	c	51	97	6	5	-	10	10	1500	1012.5	+10	SSE	4	bc	51	97	7	4	-	4-6	4-6	2500	1	3	52	49	*	2	-	0.8				
	Scilly (St. Mary's) ... 163	1009.0	+16	SW	5	c	52	97	6	5	2	7-8	10	1500	1009.9	+16	SSE	4	bc	51	97	6	5	4	2-3	4-6	1500	1	3	53	48	*	3	-	1.3				
	Guernsey ... 175	1014.0	+4	SW	3	b	50	97	8	1	-	Tr	Tr	2500	1015.1	+14	SW	3	bc	52	85	9	-	7	8	0	4-6	-	1	2	60	48	45	0.3	Tr	0.7			
6	Pembroke ... 142	1008.5	+2	SW	5	c	49	97	7	8	-	9	9	1500	1010.9	+12	SW	5	c/r	49	97	5	5	-	10	10	800	1	3	51	48	*	3	2	0.8				
7	Holyhead ... 26	1007.6	-2	SE	3	c	49	97	7	5	-	10	10	2500	1010.0	+8	SE	4	dd	51	97	5	6	2	4-6	10	1500	1	2	55	47	47	1	7	4.9				
	Chester (Sealand) ... 16	1011.8	-2	E	2	c	51	92	4	5	-	7-8	7-8	1500	1012.5	+6	E	2	bc	50	92	5	5	-	10	10	1500	1	*	56	48	42	1	3	4.6				
8	Manchester ... 70	1012.7	-2	E	4	bc	50	85	4	5	2	9	10	1500	1013.3	+8	W	2	bc	50	92	5	5	2	9	10	2500	1	*	57	48	46	0.3	4	6.9				
10	Spurn Head ... 29	1015.2	-6	E	4	rr	44	97	6	5	-	10	10	1500	1014.8	+6	-	0	c	46	97	6	2	-	7-8	7-8	2500	1	1	54	43	*	Tr	3	8.4				
	Catterick ... 175	1016.3	-4	NNE	2	rr	42	97	4	-	2	10	10	1500	1015.3	-6	NNE	1	dd	42	97	5	5	-	10	10	800	1	*	54	41	41	-	6	2.9				
	Tynemouth ... 108	1018.4	-6	E	3	c/r	43	92	7	-	2	10	10	1500	1017.5	-2	ESE	4	dd	41	97	6	-	2	10	10	1500	1	2	45	(41)	39	-	2	*				
11	St. Abbs Head ... 280	1018.2	-4	SE	4	rr	40	97	7	5	-	10	10	1500	1017.3	0	SE	4	rr	39	97	7	5	-	10	10	1500	1	3	44	38	*	Tr	4	*				
	Leuchars ... 36	1019.0	-4	ENE	3	c	42	85	8	5	3	4-6	9	4000	1018.2	0	E	3	rr	39	92	7	5	-	10	10	1500	1	*	49	38	37	-	2	7.1				
12	Renfrew (Abbots L.) ... 19	1017.0	-2	E	4	rr	41	85	5	5	2	9	10	1500	1016.0	-2	E	4	rr	39	92	6	6	2	9	10	800	1	*	49	38	37	-	7	0.0				
	Esdailemuir ... 794	1017.0	-2	E	4	rr	41	85	5	5	2	9	10	1500	1016.0	-2	E	4	rr	39	92	6	6	2	9	10	800	1	*	49	38	37	-	7	0.0				
	Point of Ayre ... 30	1012.0	-8	E	5	rr	45	97	7	6	2	4-6	10	1500	1010.9	+8	SE	5	dd	46	97	6	8	2	7-8	10	1500	1	3	52	44	*	0.3	8	3.8				
13A	Tiree ... 22	1020.2	+2	E	4	bc	40	75	8	1	-	6	Tr	2-3	4000	1019.6	-6	ENE	5	bc	41	75	8	1	4	6	Tr	4-6	9000	1	3	47	38	*	-	8.6			
13B	Stormway ... 80	1020.2	+2	E	4	bc	40	75	8	1	-	6	Tr	2-3	4000	1019.6	-6	ENE	5	bc	41	75	8	1	4	6	Tr	4-6	9000	1	3	47	38	*	-	8.6			
15	Dalwhinnie ... 1176	1018.7	-2	SE	2	is	36	75	5	8	1	4-6	10	2500	1018.7	-2	SE	2	is	36	75	5	8	1	4-6	10	2500	1	*	48	34	32	-	Tr	3.2				
	Aberdeen ... 79	1018.7	-2	SE	2	is	36	75	5	8	1	4-6	10	2500	1018.7	-2	SE	2	is	36	75	5	8	1	4-6	10	2500	1	*	48	34	32	-	Tr	3.2				
	Wick ... 81	1021.0	+2	E	3	c	40	75	8	1	6	6	2-3	7-8	1500	1020.2	+2	ESE	3	c	41	75	8	4	9	2-3	9	2500	1	2	44	40	*	Tr	-	*			
16	Lerwick ... 156	1021.7	+2	N	3	c	37	85	8	5	7	7-8	9	1500	1012.6	+2	NW	2	c	38	75	8	8	7	7-8	9	1500	1	*	43	36	*	Tr	-	3.2				
17	Blackod Point ... 18	1006.5	-18	ENE	5	c	47	92	7	9	-	9	9	800	1005.4	+4	E	2	c	48	97	7	5	-	9	9	800	0	3	52	40	*	-	0.2	*				
18	Malin Head ... 84	1012.5	-8	E	4	rr	44	92	7	6	-	9	9	1500	1010.1	0	E	6	c	44	85	7	5	-	7-8	7-8	4000	0	3	48	41	*	Tr	4	*				
	Aldergrove ... 268	1010.6	-14	E	5	dd	43	97	6	6	-	10	10	450	1008.9	-2	E	4	dd	45	97	6	6	-	10	10	450	2	*	53	42	42	Tr	2	1.2				
19	Birr Castle ... 173	1003.5	+4	-	0	c	49	92	8	5	-	9	9	1500	1004.1	+6	SE	4	c	52	92	8	5	-	10	10	800	1	2	53	47	43	1	2	1.2				
20	Valentia Obay. ... 30	1003.8	+4	-	0	c	49	92	8	5	-	9	9	1500	1004.1	+6	SE	4	c	52	92	8	5	-	10	10	800	1	2	53	47	43	1	2	1.2				
	Roches Point ... 22	1003.8	+8	S	4	cf	48	97	2	5	-	10	10	450	1007.3	+18	S	4	df	50	97	3	5	-	10	10	450	1	4	52	48	*	6	1	*				
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.															COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																								
Kew ... 18															COLUMNS 2, 16.																								

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

† Sea disturbance reported from Dungeness.

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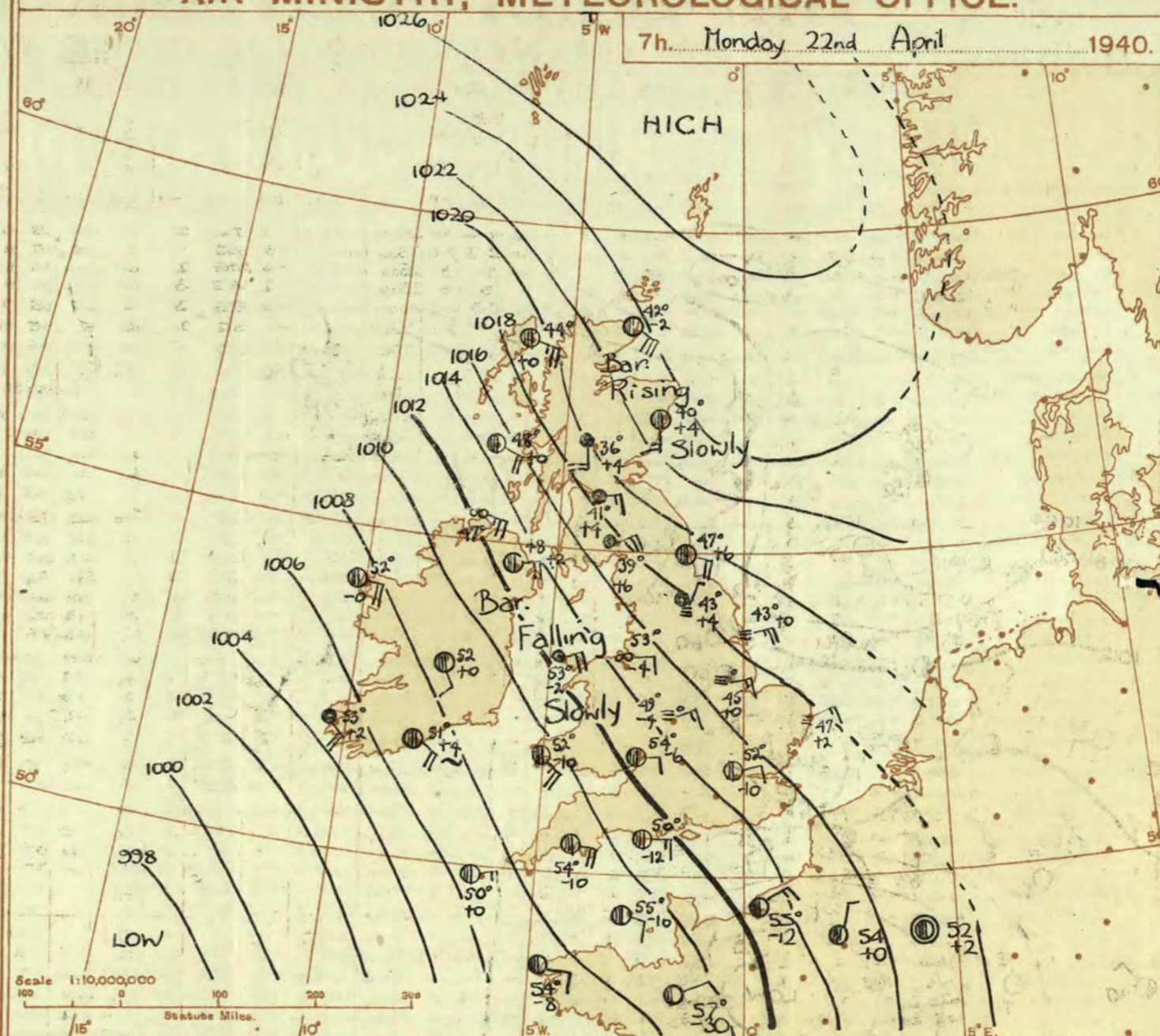
METEOROLOGICAL OFFICE, AIR MINISTRY, KINGSWAY, LONDON W.C.2

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

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 22nd April 1940.



## DISTRICTS.

## FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 22nd April, 1940

1 S.E. England	Moderate southeast wind, fresh locally on coasts; mainly fair, chance of local thunderstorms later; warm inland during day.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate east to southeast wind, fresh on coasts; occasional rain, local thunderstorms, bright intervals; warm inland during day.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Moderate to fresh east to southeast wind, strong locally on coasts; mainly cloudy, local drizzle; coast mist or fog; rather cold.
11 S.E. Scotland	Moderate or fresh east to southeast wind, strong locally on coasts; occasional rain, coast mist or fog; rather cold.
12 S.W. Scotland & Isle of Man.	Moderate or fresh east wind, strong on coasts; occasional rain, local thunder, bright intervals later; temperature rising.
13 { A.W. Scotld. B.N.W. Scot- land.	Moderate or fresh east to southeast wind, strong locally on coasts; rain at first, bright intervals later; temperature rising.
14 Mid Scotland	
15 N. E. Scotland	As 11.
16 Orkneys and Shetlands	Light east wind; fair; rather cold.
17 N. W. Ireland	
18 N. E. Ireland	As 4 - 9.
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 extends from Iceland across the North Sea to Germany, while pressure is low to southwest of the British Isles. A trough of low pressure over South Scotland is moving slowly north and a small depression over Brittany is moving northnorthwest. There will be occasional rain in the West with local thunderstorms. Weather will be fair in the East, but there is a chance of local thunderstorms later. There will be further rain in Scotland. It will be warm in England and Wales except near the East Coast.

## FURTHER OUTLOOK.

Increasing tendency for local thunderstorms in the East; occasional rain with local thunder in the West.

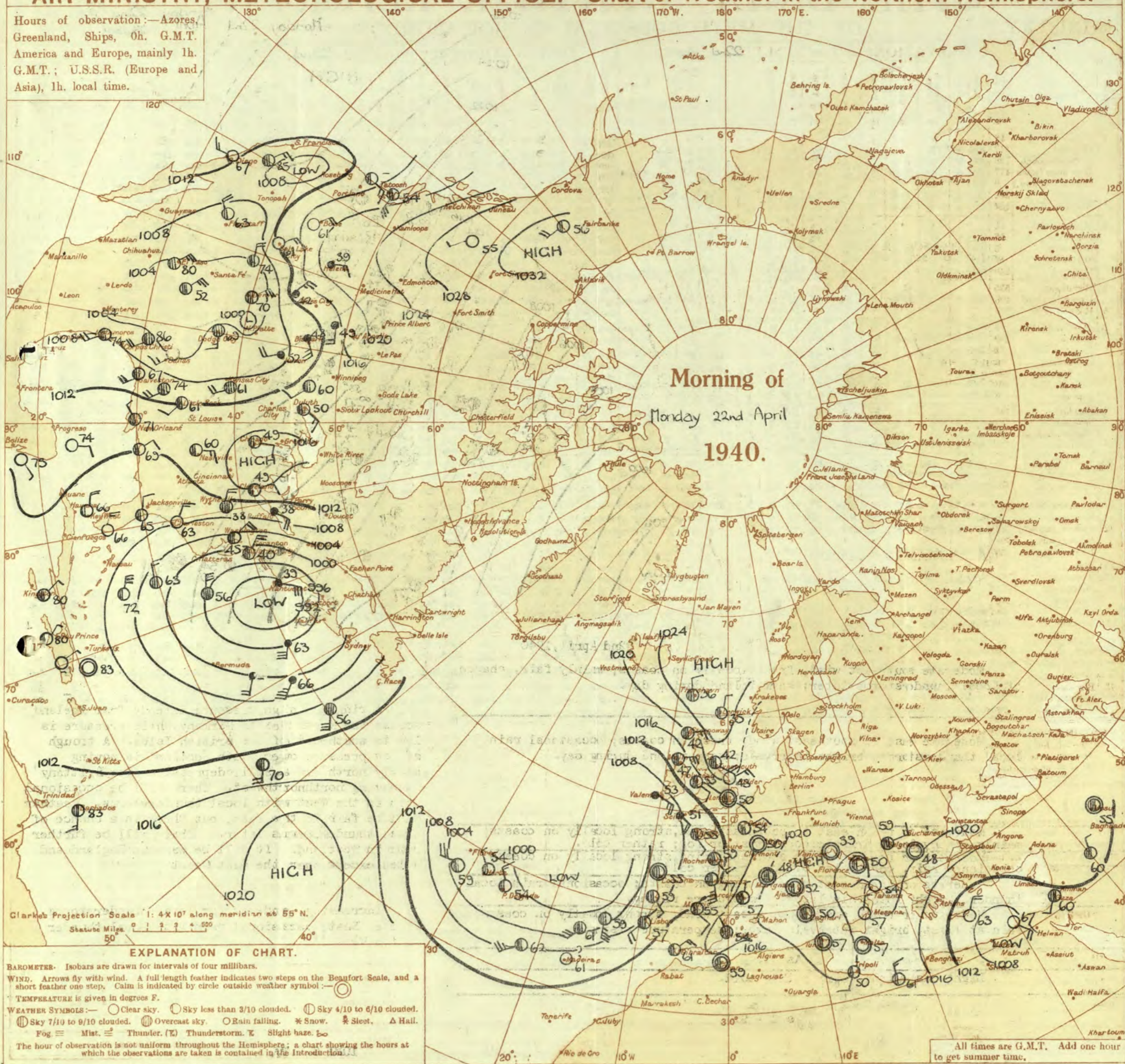
Forecasts issued at 1030 G.M.T.

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

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

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 22nd April														OBSERVATIONS at 7 hr. G.M.T. 22nd														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		Sun-shine 24 Hrs. (36)				
					Direc. (3)	Force. (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)			Total 0-10 (13)	Height of Base. (feet) (14)					Direc. (17)	Force. (18)	Low. (23)	Med. (24)			High (25)	Low 0-10 (26)	Total 0-10 (27)	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)		Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew) ... 217	1016.4	-2	*	*	bc	50	92	6	*	*	2	0	4.6	-	1014.6	-12	E/N	3	2	55	75	5	5	*	*	25.00	1	*	66	51	37	-	-	5.5			
	Croydon ... 226	1015.9	-6	E/H	3	c	55	75	7	-	2	7	0	10	-	1014.4	-10	ESE	2	2	52	87	6	1	2	0	9	-	1	64	47	33	-	-	3.3			
	S. Farnborough ... 417	1015.0	-10	E/H	3	c	53	75	7	5	3	8	2.3	9	4000	1013.9	-10	E/N	3	2	53	75	6	1	2	0	9	-	0	68	50	39	-	-	3.3			
	Boseombe Down Calshot (Stmnt.) ... 8	1014.7	-10	E	1	bc	49	92	6	-	7	7	0	10	-	1012.9	-6	E/N	3	2	52	85	6	1	3	0	7.3	-	0	65	49	46	-	-	6.3			
	Lympe ... 346	1017.2	-6	ENE	4	bc	54	65	8	5	-	6	2.3	4.6	4000	1012.8	-2	E/S	3	2	53	85	6	1	7	1	0	7.3	-	0	53	48	45	-	-	10.2		
	Manston ... 154	1017.6	-4	SE/E	3	c	53	75	7	5	-	6	7	9	4000	1015.8	-2	ESE	3	2	55	65	8	1	0	2.3	9	4000	1	64	50	46	-	-	12.1			
															4000	1015.9	-6	ESE	4	2	53	85	6	1	7	8	4.6	10	25.00	0	67	51	45	-	-	12.1		
2	Shoeburyness ... 11	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.9	-4	ESE	3	2	52	85	6	7	-	7	1	10	4000	1	67	45	*	-	-	11.3			
	Felixstowe ... 15	1018.1	0	E/N	2	c	48	85	7	-	4	8	0	7.8	-	1014.4	-2	ESE	3	2	49	87	6	7	-	7	3	4	4000	1	58	46	39	-	-	11.9		
	Gorleston ... 5	1018.3	+4	SE/E	2	c	45	85	8	5	-	-	0	7.8	-	1018.5	+2	NE/E	3	2	47	85	3	5	-	10	0	800	1	2	56	45	42	-	-	12.4		
	Mildenhall ... 19	1017.5	0	SE/E	2	c	49	85	6	-	1	7	0	10	-	1012.3	-2	E	4	2	51	92	3	7	-	2.3	16	4000	0	68	47	39	-	-	11.0			
	Cranwell ... 240	1018.1	+4	E	1	bc	49	97	5	5	7	7	4.6	10	4000	1017.8	0	E/N	3	2	45	97	4	5	-	10	10	25.00	1	63	43	42	-	-	3.1			
3	Birmingham ... 535	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.9	-4	ESE	3	2	49	92	4	-	8	0	7.8	-	1	63	48	46	Tr	-	-	2.4			
	Upper Heyford ... 408	1016.4	-2	ENE	2	bc	53	85	6	5	-	8	2.3	9	4000	1015.0	-3	ESE	2	2	53	75	7	-	3	0	9	-	0	66	48	41	Tr	-	-	*		
4	Ross-on-Wye ... 223	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.4	-6	E	2	2	54	75	7	5	9	2	1	9	4000	1	65	51	43	-	-	1.5			
5	Hartland Point ... 299	1010.7	-12	E	4	c	55	75	8	4	7	-	4.6	9	4000	1007.6	-16	E	4	2	55	75	8	7	-	4.6	9	25.00	1	65	53	51	-	-	1.3			
	Bristol ... 209	1014.8	-10	ESE	2	c	54	75	7	5	3	-	2.3	9	4000	1012.6	-6	ESE	3	2	54	75	6	5	7	8	4.6	9	4000	1	65	52	43	-	-	5.0		
	Portland Bill ... 32	1012.4	-16	E	4	c	49	92	8	5	-	10	10	4000	1011.0	-12	E	3	2	50	92	8	4	4	-	7.8	9	4000	1	52	46	*	-	-	3.9			
	Plymouth ... 82	1011.5	-14	E	5	c/r	56	75	8	5	-	10	10	7200	1009.0	-10	E/S	4	2	54	75	8	-	7	8	9	7200	1	2	62	53	50	-	-	0.5			
	The Lizard ... 240	1010.8	-10	SE	2	c/r	51	97	7	8	2	-	9	10	1500	1008.0	-6	ESE	4	2	50	97	4	8	3	4	7.8	9	1500	1	3	57	49	*	-	0.6		
	Scilly (St. Mary's) ... 163	1009.0	-10	SE	4	bc	51	97	7	5	7	-	4.6	10	1500	1007.3	0	E/N	3	2	50	97	7	5	3	4	7.8	9	1500	1	2	55	49	*	-	0.6		
	Guernsey ... 175	1012.0	-12	ESE	3	c	56	75	8	8	7	8	7.8	9	2500	1009.1	-10	SE/E	2	2	55	85	8	5	7	-	4.6	9	4000	1	2	66	53	46	-	-	10.2	
6	Pembroke ... 142	1011.5	-2	SE	5	c	52	85	7	8	2	-	4.6	10	1500	1009.9	-10	SE	5	52	85	7	8	2	-	7.8	10	1500	1	2	58	48	*	-	2	3.1		
7	Holyhead ... 26	1013.4	-4	SE/E	1	c	53	85	8	5	4	8	7.8	9	4000	1012.1	-2	E/N	4	53	85	7	5	7	-	7.8	10	1500	1	1	59	50	48	2	Tr	0.9		
	Chester (Sealand) ... 16	1016.0	+2	ENE	1	bc	55	85	6	5	7	-	7.8	10	2500	1015.2	-4	E	2	53	85	5	-	7	0	10	-	0	63	51	46	Tr	Tr	1.2				
8	Manchester ... 70	1016.8	0	NE/E	2	c/r	52	92	3	5	7	-	7.8	9	4000	1016.5	+2	NE	3	48	85	4	5	7	2	2.3	7.8	4000	1	64	47	46	-	-	2.7			
10	Spurn Head ... 29	1018.7	+4	NE	3	b	43	97	5	-	-	0	0	-	1013.3	0	E/N	5	43	97	1	-	-	-	10	10	1500	0	3	52	41	*	-	Tr	3.0			
	Catterick ... 175	1019.6	+2	NW	1	f	43	97	2	-	-	10	10	4500	1019.7	+4	NNE	1	43	97	1	5	-	-	-	10	10	1500	1	47	41	41	0.3	0.2	0.0			
	Tynemouth ... 108	1021.7	+2	SE	4	c	42	97	6	5	-	10	10	1500	1021.2	+6	ESE	4	47	97	6	5	-	-	-	10	10	1500	1	2	42	41	*	1	0.4	*		
11	St. Abbs Head ... 280	1020.4	0	SE	5	c/r	39	97	5	5	-	10	10	1500	1021.2	+6	SE	5	38	97	5	5	-	-	-	10	10	1500	1	4	49	38	*	4	6	*		
	Leuchars ... 36	1021.7	+6	E	4	d/d	40	97	5	6	-	10	10	450	1022.3	+4	E	4	39	97	6	5	-	-	-	10	10	500	1	4	42	39	38	3	5	0.0		
12	Renfrew (Abbots L.) ... 19	1019.8	+6	ENE	3	rr	41	97	5	6	-	10	10	800	1020.0	+4	E/N	3	41	97	7	6	2	-	-	9	10	800	1	4	41	40	37	5	7	0.0		
	Eskdalemuir ... 794	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.7	+6	NE/E	4	39	97	7	6	-	-	-	10	10	220	1	4	42	38	39	7	6	0.0		
	Point of Ayre ... 30	1019.8	+2	E/S	4	c	45	85	6	5	1	-	9	10	1500	1019.2	-4	E/S	4	45	97	6	5	1	-	4.6	10	1500	1	3	53	45	*	1	0.4	0.1		
13A	Tiree ... 22	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.7	0	ESE	4	48	85	5	5	-	-	-	10	10	1500	1	3	47	44	*	1	5	0.0		
13B	Stormcay ... 80	1019.3	0	E	5	c	42	85	8	5	7	-	7.8	10	4000	1018.4	0	ESE	5	44	85	5	7	-	-	4.6	9	4000	0	2	47	41	*	Tr	0.6			
15	Dalwhinnie ... 1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	+4	S	4	36	65	7	4	2	-	-	4.6	10	1500	1	4	40	36	35	0.6	2			

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

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

PAST 24 HOURS.

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<sub>o</sub>/k, slight storm of drifting snow (generally high).  
S/k, heavy storm of drifting snow (generally high).  
KQ, line squall. l, lightning.  
o, overcast sky. - p, passing showers.

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

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

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

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

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

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

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

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

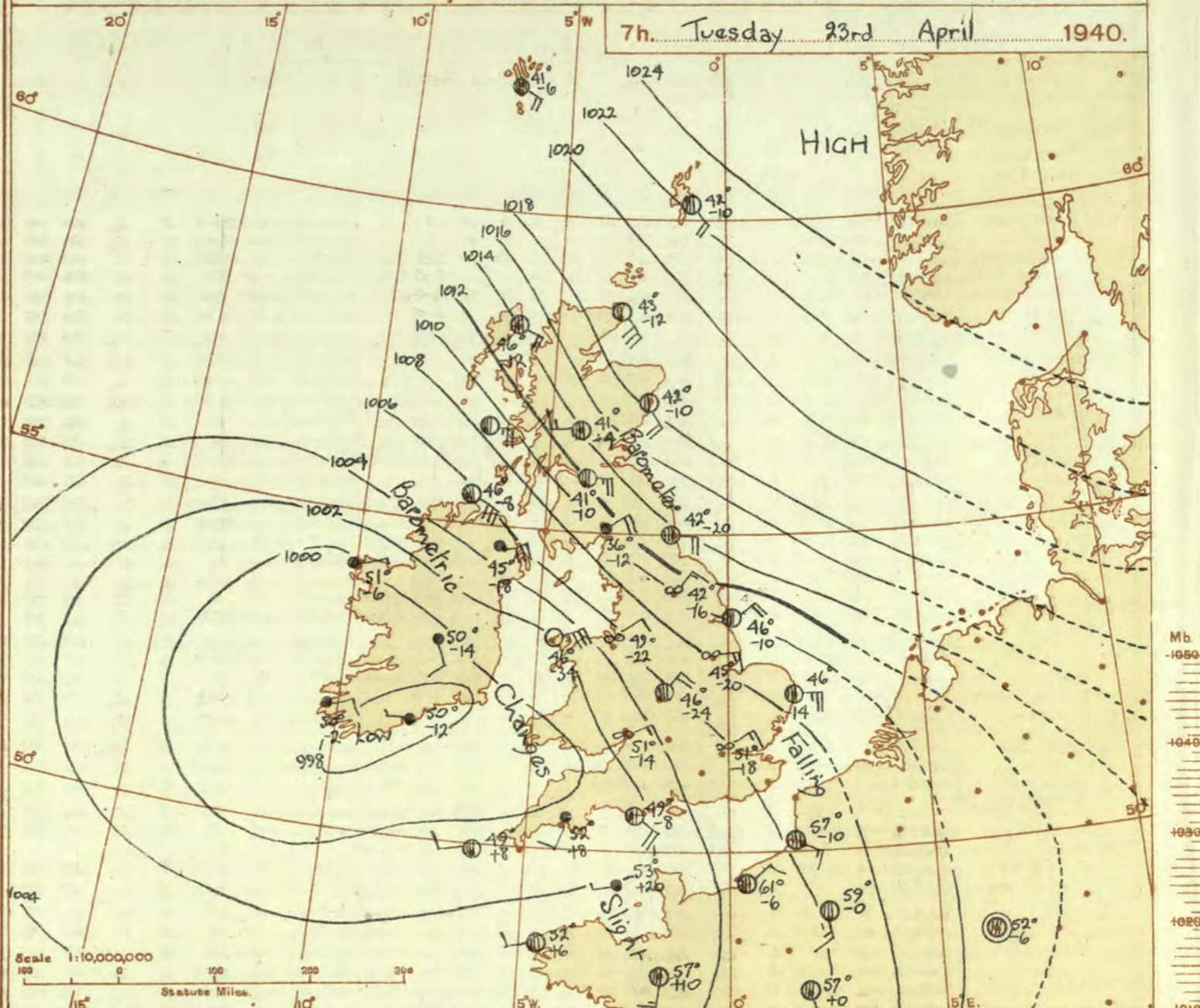
COLUMN 29 —STATE OF GROUND.

- |   |    |                                   |   |    |   |
|---|----|-----------------------------------|---|----|---|
| 0 | .. | Ground dry.                       | 7 | .. | Ground covered with snow, less than 6 ins., deep but ground not frozen. |
| 1 | .. | wet.                              |   |    |   |
| 2 | .. | flooded.                          | 8 | .. | Ground covered with snow, less than 6 ins., but ground frozen.          |
| 3 | .. | frozen hard and dry.              | 9 | .. | Ground covered with snow greater than 6 ins. deep.                      |
| 4 | .. | partly covered with snow or hail. | - | .. | Fresh snow has fallen in the mountains.                                 |
| 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. Tuesday 23rd April 1940.



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## DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 23rd April, 1940.

1 S.E. England	Moderate east wind, fresh on coasts, veering southeast to south and decreasing; occasional rain; local thunderstorms; bright intervals later; warm inland, becoming cooler.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light or moderate south wind; cloudy, occasional rain; bright intervals later; mild.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Moderate or fresh east wind, strong locally on coasts; occasional rain; local thunderstorms; mild.
9 N. Midlands ...	
10 N.E. England	Moderate or fresh east wind; strong locally on coasts; cloudy, occasional rain; local thunderstorms; rather cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate or fresh east wind; strong locally on coasts; occasional rain; local thunderstorms; average temperature.
13 { A.W.Scotld. B.N.W.Scotland.	Moderate or fresh east wind, strong on coasts; fair at first; occasional rain later; cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Moderate east wind, fresh or strong locally on coasts; occasional rain; local thunder; average temperature.
17 N.W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	Light variable or southwest wind; occasional rain; local thunderstorm; 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 ridge of high pressure extending from Greenland across Southern Scandinavia to Eastern Europe is moving slowly east and a depression over South Ireland is moving slowly north. There will be occasional rain in most districts with local thunderstorms. Bright intervals and local showers will extend slowly northeast across Southern districts from the Southwest.

## FURTHER OUTLOOK.

Unsettled with local thundery rain.  
Warning of southeast gale issued at 1430 G.M.T. 22/4/40 for districts 8, 12, 13, 18.

Forecasts issued at 1030 G.M.T.  
H.M.S.O. Press, Cornhill 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.

Morning of  
Tuesday, 23rd April  
1940.

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

Statute Miles 0 1 2 3 4 500

## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

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

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

Fog ≡ Mist. ≡ Thunder. (T) Thunderstorm. \* Slight haze. \*o

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

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

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Tuesday 23rd April, 1940  
No 28642.

OBSERVATIONS at 1 hr. G.M.T. 23rd. April														OBSERVATIONS at 7 hr. G.M.T. 23rd. April														PAST 24 HOURS.										
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 23rd. Hrs. (36)		
					Direc. (3)	Force. 0-12 (4)					Form. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Direc. (17)					Force. 0-12 (18)	Form. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base. (feet) (28)	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	1009.0 1007.5 1006.6 1005.8 1009.7 1009.8	-14 -26 -14 -18 -18 -18	NE'E ENE E E'S E'N E'S	2 4 3 5 4 5	20 20 15 15 c 20	53 55 56 57 57 51	92 85 85 75 75 85	* * * * * *	* * * * * *	* * * * * *	* * * * * *	1005.0 1005.3 1004.4 1002.4 1003.0 1006.5 1006.0	+14 -22 -6 -10 -6 -18 -20	E'NE ENE NE'E ENE SE'E ENE ESE	4 2 2 4 4 4 4	Zo Zo Zo Co No Co No	53 52 53 54 55 57 53	85 97 97 85 85 65 85	5 5 5 5 6 7 6	5 5 5 5 5 7 5	- - - - - - -	- - - - - - -	9+ 4-6 2-3 4-6 7-8 4-6 0	9+ 10 9+ 9 10 10 9+	2500 4000 5700 4000 4000 5700 -	1 1 1 1 0 0 0	*	68 65 73 73 70 60	52 50 51 68 55 50	50 49 44 50 53 -	- - - - Tr -	Tr 0.1 0.6 1 -	9.7 0.7 9.4 7.9 10.7 -			
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	11 15 5 19 240	1011.1 1013.2 1011.5 1013.4	-20 -18 -18 -16	E'N E E'S E	5 5 4 3	20 b c 20	48 45 48 43	92 85 85 85	* * * *	* * * *	* * * *	* * * *	1007.0 1003.6 1007.6 1003.4	-18 -14 -16 -20	NE'E E E E	3 5 4 3	No c Zo Zo	51 46 59 45	82 97 88 92	6 6 6 5	- - - -	- - - -	0 7-8 10 10	- - 7200 800	1 0 0 0	*	55 47 65 53	48 43 47 42	41 45 45 41	- - - -	- - - -	9.9 0.9 3.1 0.9					
3	Birmingham ... Upper Heyford ... Ross-on-Wye ...	535 408 223	1009.3 1009.3 1009.3	-14 -14 -14	ENE ENE ENE	4 4 4	20 20 20	53 53 53	85 85 85	* * *	* * *	* * *	* * *	1002.1 1004.5 1003.6	-24 -32 -14	NE ENE ENE	4 3 3	r ir Zo	46 51 51	92 92 85	4 6 6	5 5 5	- - -	- - -	10 10 10	800 2500 1500	1 1 1	*	69 71 73	45 49 50	44 47 49	- - -	0.6 0.2 3	7.4 * 5.6				
4	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	299 209 32 82 240 163 175	1002.0 1006.4 1003.3 1001.9 1001.3 1000.7 1002.2	-20 -12 -30 -28 -20 -16 -22	E E E E ENE SE'S SSE	5 2 4 3 3 2 2	c m c c/r c c c	56 55 52 56 51 51 60	85 85 85 75 75 92 75	* * * * * * *	* * * * * * *	* * * * * * *	* * * * * * *	938.8 1002.0 1001.2 1000.5 1001.2 939.7 1002.0	+0 -14 -8 +8 +10 +8 +20	SE E E SE W.N W.S W.S	4 3 4 2 2 3 1	c Zo c c r r rr	55 55 49 52 49 49 53	85 85 85 92 92 97 92	8 5 5 5 5 8 5	2 2 2 2 2 2 2	- - - - - - -	- - - - - - -	9+ 4-6 10 10 10 4-6 10	2500 4000 4000 4000 1500 1500 800	1 1 1 1 1 1 1	3 (65) 75 (57) 64 56 58 68	54 55 48 51 49 49 53	51 50 50 50 50 50 53	Tr - - Tr - - -	1 1 - 1 5 7 0.3	5.6 5.5 * 5.2 5.8 7.5 6.3					
5	Pembroke ... Holyhead ... Chester(Sealand) ... Manchester ...	142 26 16 70	1003.0 1005.5 1010.4 1011.3	-6 -12 -18 -14	SE'E E'N SE'E EN	5 6 2 3	r/c c pr Zo	55 51 50 47	85 85 85 75	* * * *	* * * *	* 																										

AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Wednesday 24th April, 1940.  
No 28643.

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

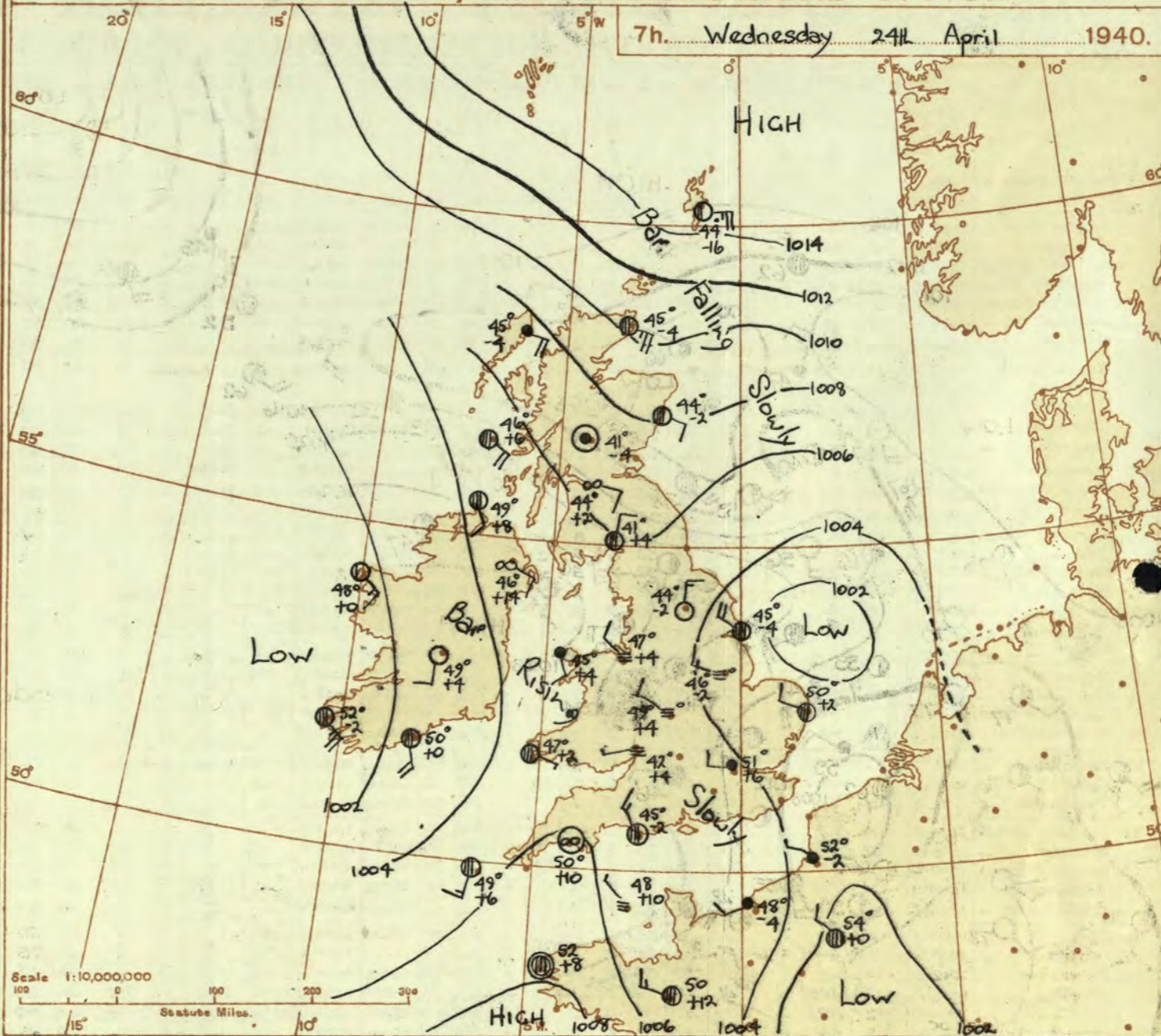
OBSERVATIONS at 18h. G.M.T. 23rd April

PAST 24 HOURS.

DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				Barom. at M.S.L. mb. (29)	State of Ground. 0-9 (30)	WEATHER.							
				Direc. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Form. (23)			Amount. (24)	Height of Base (feet) (25)					7h.-13h. 23rd (37)	13h.-18h. 23rd (38)	18h.-24h. 24th (39)	1h.-7h. 24th (40)										
																												Low. (12)	Med. (13)	High (14)	Low. (26)	Med. (27)	High (28)		
1	London (Kew)...	1002.9	-10	S	3	C	63	55	8	5	7	1	46	24	4000	1003.3	+2	SW	2	C	60	75	8	5	2	-	24	10	2500	1	*	cmc	c	cir, rro	cir, rro
	Croydon ...	1003.4	-6	SE	3	C	63	65	8	1	9	-	1	10	4000	1003.8	+4	SW	2	C	61	75	7	5	7	-	24	10	4000	1	*	cmc	c	cir, rro	cir, rro
	S. Farnborough	1002.9	-6	SE	3	C	66	55	8	1	3	-	2-3	10	5700	1003.7	+6	WSW	3	C	59	75	8	5	2	-	7-8	10	2500	1	*	cmc	c	cir, rro	cir, rro
	Boscombe Down	1002.8	-2	SW	2	C	59	85	7	5	2	-	7-8	10	1500	1004.1	+6	WSW	2	C	53	92	7	5	-	-	9+	9+	4000	1	*	c	c	cir, rro	cir, rro
	Calshot (Soton.)	1003.6	+2	SW	2	C	56	85	6	5	7	-	4-6	3+	5700	1004.4	+6	WSW	2	C	53	92	6	5	2	-	9	10	4000	1	2	cmc	c	cir, rro	cir, rro
	Lympe	1005.5	-6	SE	3	C	63	65	8	5	7	3	2-3	3	5700	1004.0	-6	WSW	1	C	60	65	8	-	7	-	0	10	-	0	1	c	c	cir, rro	cir, rro
	Manston	1004.0	-18	SE	3	C	64	55	6	5	9	-	2-3	3	4000	1003.4	-	SW	0	C	61	75	7	-	7	-	0	10	-	0	*	cmc	c	cir, rro	cir, rro
2	Shoeburyness ...	1004.7	-18	SE	3	C	56	75	6	-	7	-	0	3+	-	1003.5	-3	-	0	C	62	75	6	5	7	-	1	3+	5700	1	*	cmc	c	cir, rro	cir, rro
	Felixstowe ...	1005.2	-18	E	3	C	53	85	6	5	7	-	4-6	3+	4000	1004.6	-6	SE	1	C	50	85	6	-	2	-	0	10	-	0	3	cmc	c	cir, rro	cir, rro
	Gorleston ...	1007.2	-20	SE	2	bc	50	75	6	-	8	0	4-6	-	-	1004.6	-6	SE	2	C	64	65	6	5	1	-	4-6	10	4000	0	*	cmc	c	cir, rro	cir, rro
	Mildenhall ...	1004.3	-	E	4	C	63	65	6	5	2	-	4-6	3+	4000	1003.1	-2	SE	2	C	64	65	6	5	1	-	4-6	10	4000	0	*	cmc	c	cir, rro	cir, rro
	Cranwell ...	1005.3	-18	E	4	C	54	85	6	5	-	-	7-8	3+	1500	1003.8	-6	E	2	C	53	85	6	5	2	-	2-3	10	4000	0	*	cmc	c	cir, rro	cir, rro
3	Birmingham	1002.0	-8	E	2	C	58	75	6	5	7	-	7-8	10	4000	1003.8	+4	WSW	2	C	55	85	7	8	7	-	4-6	10	1500	1	*	cmc	c	cir, rro	cir, rro
	Upper Heyford	1003.2	-10	SE	3	C	65	65	6	5	3	-	4-6	3+	4000	1003.6	+8	WSW	3	C	58	85	8	5	7	-	9	10	1500	1	*	cmc	c	cir, rro	cir, rro
4	Ross-on-Wye ...	1002.6	-8	SW	3	pr	61	75	6	8	1	-	9+	10	2500	1003.9	+6	SW	2	C	53	92	7	6	2	-	4-6	10	1500	1	*	cmc	c	cir, rro	cir, rro
5	Hartland Point	1001.9	+10	W	3	C	51	85	8	8	6	-	4-6	3	1500	1003.5	+4	W	3	C	50	97	8	8	1	-	7-8	9	2500	1	2	cmc	c	cir, rro	cir, rro
	Bristol ...	1003.2	+10	SSW	3	C	59	85	8	5	2	-	7-8	10	2500	1004.3	+6	SSW	3	C	53	92	7	5	2	-	7-8	10	1500	1	*	cmc	c	cir, rro	cir, rro
	Portland Bill ...	1004.0	+3	SW	3	C	49	92	7	5	-	-	10	10	2500	1004.4	+6	SW	3	C	49	92	7	5	-	-	10	10	1500	1	4	cmc	c	cir, rro	cir, rro
	Plymouth ...	1003.5	+14	SSW	2	C	52	92	7	2	7	-	4-6	7-8	1500	1004.4	+2	SW	1	C	51	92	6	3	7	-	4-6	7-8	1500	1	1	cmc	c	cir, rro	cir, rro
	The Lizard ...	1003.1	+10	SW	3	C	54	92	7	3	6	-	7-8	7-8	2500	1004.3	+4	SW	1	C	51	92	7	5	-	-	10	10	1500	1	2	cmc	c	cir, rro	cir, rro
	Scilly (St. Mary's)	1002.2	+8	SW	3	bc	56	85	8	8	4	3	2-3	4-6	1500	1003.4	+10	SE	2	C	52	92	7	5	2	-	7-8	10	1500	1	3	cmc	c	cir, rro	cir, rro
	Guernsey ...	1003.7	+6	WSW	1	C	57	85	7	8	-	-	10	10	1500	1004.4	+6	SE	1	C	53	92	7	5	1	-	4-6	3+	4000	1	2	cmc	c	cir, rro	cir, rro
6	Pembroke ...	1002.2	+6	SSW	3	C	49	97	2	-	-	-	10	10	1500	1003.9	+14	SW	2	C	49	97	7	8	7	-	7-8	9	1500	1	2	cmc	c	cir, rro	cir, rro
7	Holyhead ...	1000.8	+2	SE	1	C	52	92	6	6	2	-	7-8	10	1500	1002.5	+10	SSW	3	C	49	97	7	6	2	-	9	10	220	1	2	cmc	c	cir, rro	cir, rro
	Chester (Sealand)	1003.0	-20	SE	3	C	62	65	5	5	7	-	4-6	3+	4000	1002.9	-	E	2	C	56	85	5	6	-	-	10	10	1500	1	*	cmc	c	cir, rro	cir, rro
8	Manchester ...	1003.4	-18	NE	5	C	56	65	5	5	2	-	7-8	10	4000	1003.5	-4	NE	4	C	52	85	4	5	2	-	4-6	10	4000	1	*	cmc	c	cir, rro	cir, rro
10	Spurn Head ...	1007.7	-14	E	3	C	49	85	6	5	7	-	4-6	7-8	800	1004.7	-10	E	4	C	46	92	5	5	-	-	10	10	800	0	3	c	c	cir, rro	cir, rro
	Catterick ...	1008.3	-22	NE	3	C	49	85	5	5	2	-	7-8	10	1500	1007.1	-8	N	3	C	44	92	4	5	-	-	10	10	450	1	*	cmc	c	cir, rro	cir, rro
	Tynemouth ...	1012.5	-18	E	3	C	45	85	7	5	-	-	9+	3+	2500	1010.3	-12	E	3	C	43	92	6	5	-	-	10	10	1500	1	2	c	c	cir, rro	cir, rro
11	St. Abbs Head	1013.3	-18	SE	3	C	45	85	8	4	1	-	4-6	7-8	2500	1010.4	-12	SE	3	C	42	92	7	5	-	-	10	10	1500	0	3	cmc	c	cir, rro	cir, rro
	Leuchars ...	1013.6	-22	E	3	C	47	85	8	5	7	2	7+	9	2500	1011.0	-16	NE	3	C	45	75	7	5	-	-	9+	3+	2500	1	*	cmc	c	cir, rro	cir, rro
12	Rentlow (Abbots L.)	1010.0	-20	E	5	C	50	75	7	5	7	-	4-6	10	2500	1008.4	-6	E	4	C	44	85	6	6	-	-	10	10	1500	1	*	cmc	c	cir, rro	cir, rro
	Eskdalemuir ...	1008.1	-34	E	6	C	52	75	8	5	2	-	2-3	10	1500	1008.0	-6	N	4	C	43	92	6	-	2	-	10	10	450	1	*	cmc	c	cir, rro	cir, rro
	Point of Ayre ...	1004.5	-8	E	3	rr	50	83	7	6	2	-	4-6	10	1500	1003.6	0	E	4	C	46	97	7	3	2	-	7-8	10	1500	1	3	cmc	c	cir, rro	cir, rro
13A	Tiree ...	1005.7	-8	E	3	C	54	75	8	5	-	-	9+	3+	2500	1002.8	-10	E	5	C	53	65	8	5	-	-	9+	3+	2500	0	4	c	c	cir, rro	cir, rro
13B	Stornoway ...	1011.6	-12	E	4	bc	53	65	7	-	4	2	0	4-6	-	1010.0	-10	E	3	C	49	75	7	-	4	2	0	3	-	0	3	c	c	cir, rro	cir, rro
15	Dalwhinnie ...	1012.0	-10	NE	1	C	53	55	8	4	9	-	7-8	7-8	4000	1011.0	-4	NE	3	C	48														

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 24th April 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 24th April, 1940.
1 S.E. England	Light variable wind becoming southwest, dull and misty with rain at first, clearing slowly from west except in extreme Southeast; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light variable wind becoming southwest to south; mainly cloudy, occasional rain or drizzle; mild.
6 South Wales ...	
7 North Wales ...	Freshening southwest to south wind; mainly cloudy, rain spreading from west later; local coast and hill fog; mild.
8 N.W. England	
9 N. Midlands ...	As 3 - 4.
10 N.E. England	Light east to northeast wind, becoming variable; mainly cloudy, occasional rain; local fog night and morning; average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate easterly wind, fresh on coast; mainly cloudy, occasional rain; rather cold.
13 { A. W. Scotld. B.N.W.Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Light east to southeast wind, becoming variable; cloudy, rain later; rather mild.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	As 5 - 6.
20 S. W. Ireland	

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

### GENERAL INFERENCE.

A complex depression covering the Southwest North Sea and Central France is moving slowly north-northeast. A feeble ridge of high pressure extends from Scotland to the Bay of Biscay and another low pressure system will advance from the Atlantic. Weather will be dull and rainy in the East and North at first and the rain is likely to be prolonged in the Southeast. Fairer conditions will spread slowly from southwest across England during today but will be followed by further rain spreading from west later.

### FURTHER OUTLOOK.

Unsettled with rain at times in most districts.

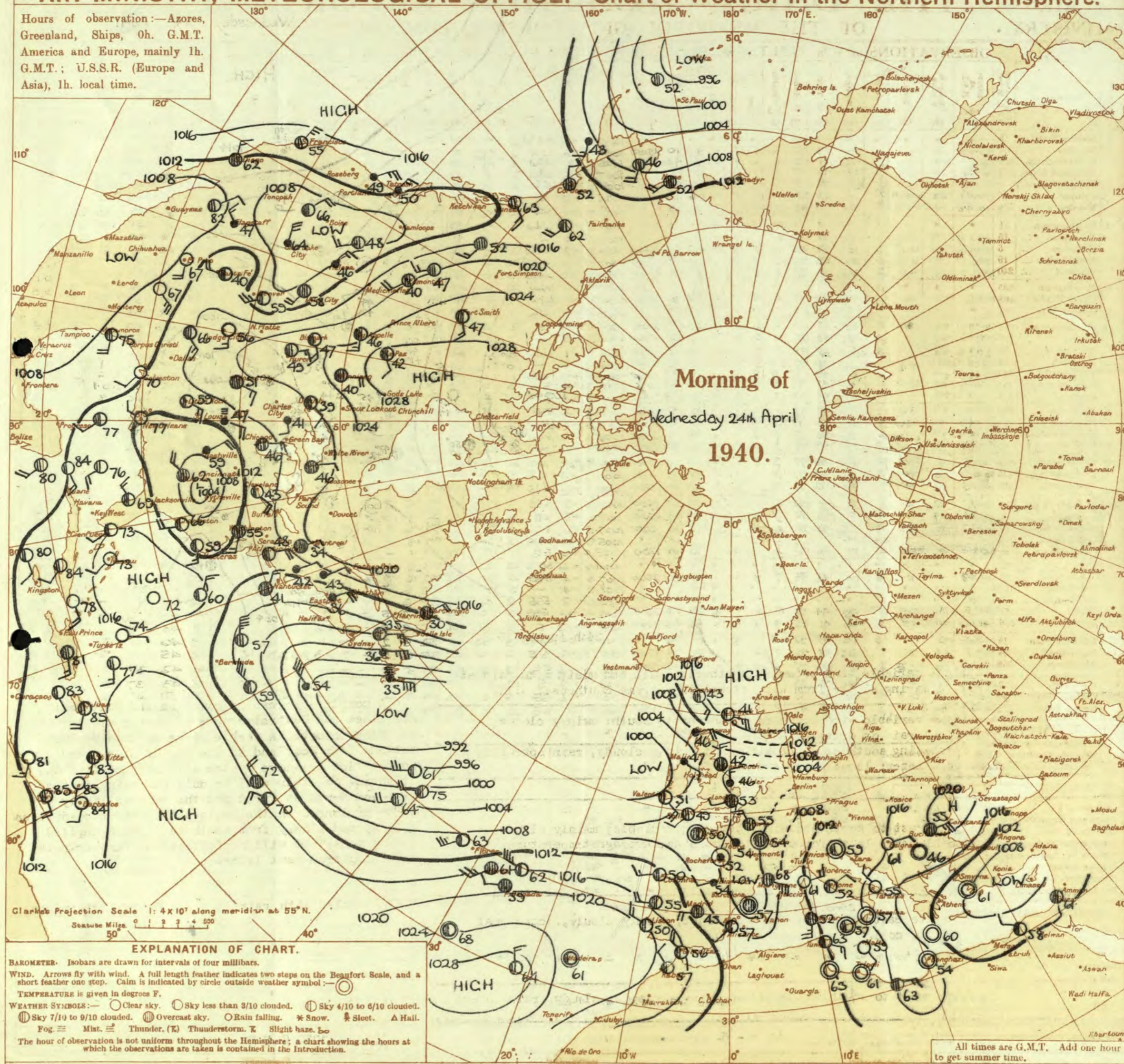
Forecasts issued at 1030 G.M.T.

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  
 Wednesday 24th April 1940.  
 No 28643

OBSERVATIONS at 1 hr. G.M.T. 24th April														OBSERVATIONS at 7 hr. G.M.T. 24th April														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.		SUNSHINE Hrs.
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground.	0-9	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.		Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.			
																																	0-12	0-12	
1	London (Kew)	18	1004.5	-2	W	1	Zo	53	92	6	S	7	10	1500	1004.6	+6	NW	2	51	92	5	6	2	7-8	10	1500	1	63	51	49	-	3	0.3		
	Croydon	217	1004.5	-2	W	1	Zo	53	92	6	S	7	10	1500	1004.7	+6	NW	2	51	97	4	2	-	10	10	1500	1	63	50	49	-	5	0.3		
	S. Farnborough	226	1004.3	-4	W	1	Zo	51	92	6	S	7	10	1500	1005.0	+4	WNW	2	48	97	3	5	-	10	10	1500	1	63	46	34	0.1	2	0.1		
	Boscombe Down	417	1005.0	+2	WNW	2	cf	46	97	3	S	7	10	1500	1005.1	+4	WNW	2	44	97	3	5	-	10	10	1500	1	62	39	37	0.1	0.1	0.1		
	Calshot (St. Mary's)	8	1004.9	-2	0	0	cf	44	97	3	S	7	10	1500	1005.0	+6	NW	2	46	97	6	5	7	-	10	10	1500	1	58	42	41	0.2	Tr	0.2	
	Lympne	346	1005.1	+2	WNW	2	cf	52	92	7	S	1	10	1500	1004.4	+2	N	3	51	97	5	6	2	7-8	10	1500	1	65	51	49	-	1	2.3		
	Manston	154	1004.0	-2	WNW	3	Zo	53	85	5	S	7	10	1500	1003.4	+4	NW	2	51	92	4	5	-	10	10	1500	0	66	51	49	Tr	0.2	2.4		
2	Shoeburyness	11	1003.4	-4	HW	1	Zo	51	97	6	S	5	0	9	1003.1	+4	W	1	52	92	5	2	-	10	10	1500	1	64	51	41	-	0.6	1.6		
	Felixstowe	15	1003.6	-8	W	2	c	52	85	6	S	3	4-6	7-8	1003.4	+2	WNW	2	50	85	5	5	-	10	10	1500	0	50	48	47	-	6.6	2.7		
	Gorleston	5	1003.5	-2	WN	2	Zo	53	85	6	S	7	1-6	9	1003.7	+6	WNW	2	49	92	4	5	-	10	10	1500	0	67	48	47	-	Tr	0.1		
	Mildenhall	19	1003.5	-2	WN	2	Zo	53	85	6	S	7	1-6	9	1003.7	+6	WNW	2	49	92	4	5	-	10	10	1500	0	67	48	47	-	Tr	0.1		
	Cranwell	240	1004.1	-2	NE	3	Zo	46	97	5	S	5	10	1500	1003.9	-2	WNW	3	46	92	4	5	-	10	10	1500	0	58	44	44	Tr	Tr	0.1		
3	Birmingham	535	1004.3	-2	W	1	Zo	50	97	6	S	7	7-8	10	1005.3	+4	NW	2	49	85	4	5	7	7-8	9	1500	1	62	47	44	1	3	0.0		
	Upper Heyford	408	1004.3	-2	W	1	Zo	50	97	6	S	7	7-8	10	1004.7	+6	WNW	2	48	97	3	-	-	0	0	1500	1	66	47	37	Tr	3	0.1		
4	Ross-on-Wye	223	1004.3	-2	W	1	Zo	50	97	6	S	7	7-8	10	1006.0	+4	W	1	42	97	1	5	1	9	10	1500	1	62	38	33	0.2	0.1	0.1		
5	Hartland Point	299	1004.8	+4	S	2	bc	47	92	8	2	4	2-3	2-3	1005.5	+4	E	2	45	97	8	5	1	7-8	9	1500	1	55	40	43	1	-	0.9		
	Bristol	209	1004.9	+2	0	0	Zo	43	97	5	5	7	1	7-8	1006.1	+10	W	1	45	97	2	-	-	0	0	1500	1	63	41	32	2	Tr	0.5		
	Portland Bill	32	1004.6	+8	N	3	cf	45	92	3	5	-	10	10	1004.7	-2	WNW	3	45	92	7	5	-	10	10	1500	1	52	43	3	3	-	2.8		
	Plymouth	82	1005.3	+2	E	1	Zo	49	97	6	5	-	10	10	1006.0	+10	0	0	50	92	6	5	7	9	9	1500	1	54	47	41	1	Tr	2.8		
	The Lizard	240	1005.3	+4	0	0	Zo	48	97	8	8	-	7-8	7-8	1006.4	+10	WSW	1	48	97	4	5	-	10	10	1500	1	54	46	3	1	Tr	0.1		
	Seilly (St. Mary's)	163	1004.6	+4	SSW	2	c	49	97	8	5	3	2-3	7-8	1005.3	+6	SW	3	49	97	8	5	-	9	9	1500	1	54	45	3	1	Tr	2.3		
	Guernsey	175	1004.5	+4	0	0	c	49	97	7	7	8	0	7-8	1005.7	+10	WNW	1	48	97	1	-	-	0	0	1500	1	58	48	44	2	0.1	0.6		
6	Pembroke	142	1005.0	+4	SW	1	F	47	97	1	-	-	10	10	1005.6	+2	ESE	1	47	97	6	5	-	7-8	7-8	1500	1	53	45	3	2	0.0	0.0		
7	Holyhead	26	1004.7	+6	SSW	1	df	50	97	1	-	-	10	10	1005.6	+4	SSW	2	45	97	6	5	-	10	10	1500	1	56	43	43	5	2	0.0		
	Chester (Sealand)	16	1005.0	+4	WNW	1	Zo	50	97	5	8	-	9	9	1005.3	+4	NW	2	47	97	5	5	-	10	10	1500	1	63	45	42	0.1	5	1.0		
8	Manchester	70	1004.6	-2	WNW	2	cf	49	97	3	-	2	10	10	1004.8	+4	NW	3	43	97	5	5	-	10	10	1500	1	57	47	43	0.3	2	0.0		
10	Spurn Head	29	1002.7	-6	N	3	id	46	97	5	5	-	10	10	1002.9	-4	NW	4	45	97	6	5	-	10	10	1500	1	50	43	40	0.1	3	0.6		
	Catterick	175	1005.5	-6	NW	2	id	42	97	5	5	-	10	10	1004.7	-2	NE	3	44	97	5	5	-	10	10	1500	1	51	42	40	-	3	0.6		
	Tynemouth	108	1007.5	-12	N	3	gr	42	97	6	-	2	10	10	1005.7	-10	NNE	3	43	97	6	-	2	-	10	10	1500	1	47	42	40	-	3	0.6	
11	St. Abbs Head	280	1007.7	-12	E	2	c	41	92	6	5	-	10	10	1006.4	-2	NNE	1	42	97	5	5	-	10	10	1500	1	46	41	3	2	0.2	8.2		
	Leuchars	36	1008.3	-14	NE	4	c	43	92	7	5	-	10	10	1007.4	+3	NE	3	43	97	6	5	-	10	10	1500	1	49	42	41	Tr	6	0.2		
12	Renfrew (Abbots I.)	19	1007.7	-6	E	4	id	43	92	6	6	-	10	10	1007.5	+2	E	2	43	92	6	5	-	10	10	1500	1	54	42	41	Tr	6	0.2		
	Eskdalemuir	794	1007.7	-6	E	4	id	43	92	6	6	-	10	10	1007.5	+2	E	2	43	92	6	5	-	10	10	1500	1	54	42	41	Tr	6	0.2		
	Point of Ayre	30	1004.6	0	ESE	2	rr	46	97	6	-	2	10	10	1005.4	+6	ES	1	45	97	1	-	-	0	0	1500	1	51	44	3	7	0.0	0.0		
13a	Tiree	22	1008.7	-2	E	4	pr	46	85	7	8	-	10	10	1007.3	-4	E	4	45	92	6	5	-	7-8	10	1500	1	55	44	3	2	7.8	9.6		
13b	Stormway	80	1008.7	-2	E	4	pr	46	85	7	8	-	10	10	1007.3	-4	E	4	45	92	6	5	-	7-8	10	1500	1	55	44	3	2	7.8	9.6		
15	Dalwhinnie	1178	1008.7	-2	E	4	pr	46	85	7	8	-	10	10	1007.3	-4	E	4	45	92	6	5	-	7-8	10	1500	1	55	44	3	2	7.8	9.6		
	Aberdeen	79	1011.9	-10	ESE	5	cy	44	97	7	5	7	8	2-3	7-8	1009.0	-2	ESE	2	44	92	6	-	-	0	0	1500	0	48	42	38	-	-	9.6	
	Wick	81	1011.9	-10	ESE	5	cy																												

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

Thursday 25th April, 1940.

No. 28644

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

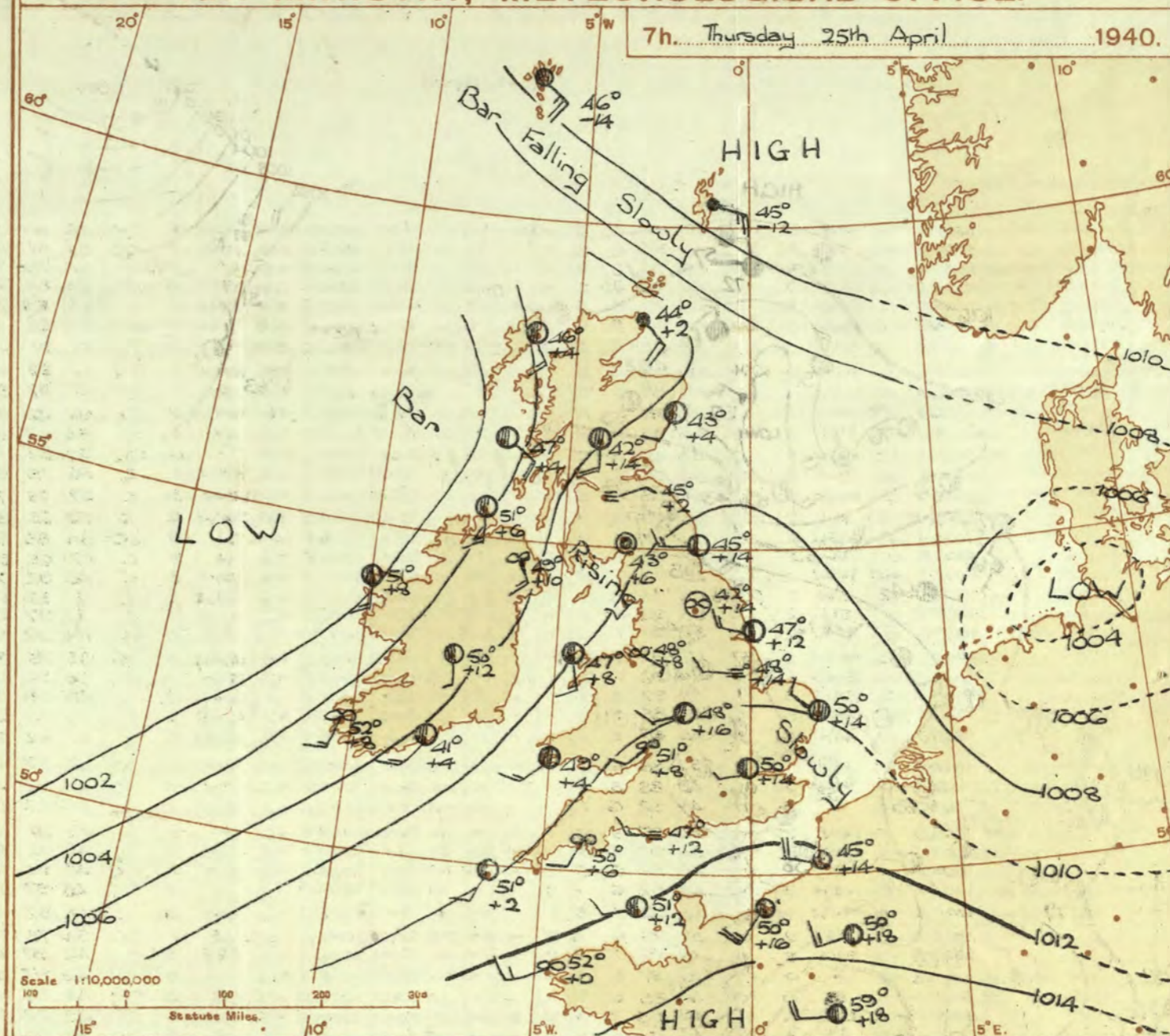
OBSERVATIONS at 18h. G.M.T. 24th April

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. mi. (8)	Cloud.			Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. mi. (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	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. ... 24th (37)	13h.—18h. ... 24th (38)	18h.—24h. 1h.—25th (39)	1h.—7h. ... 25th (40)	
1	London (Kew)... Croydon ... S. Farnborough Boscombe Down Calshot (Soton.) Lymington Manston ...	1005.0 1004.9 1005.5 1005.5 1005.4 1004.5 1003.9	+6 +6 +2 +2 +2 +2 -4	WNW W WNW WNW WNW WNW NW	2 3 2 2 2 2 2	W W W W W W W	53 52 52 55 54 53 53	82 97 92 7 7 7 8	5 4 6 2 1 5 5	- - - - - - -	10 10 10 4.6 2.3 7.8 10	1500 450 800 2500 4000 800 800	1005.9 1005.8 1006.2 1006.3 1006.5 1006.3 1006.6	+14 +10 +8 +4 +10 +12 +10	WSW WSW WN W SWW WNW -	1 1 3 3 2 0 0	W W W W W W W	55 54 57 56 53 52 51	85 92 77 85 85 92 97	5 6 7 7 7 3 -	- - - - - - -	10 10 10 4.6 2.3 10 10	1500 1500 7200 4000 4000 450 4150	1 1 1 0 1 1 1	1 1 1 1 1 1 1	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg					
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1004.2 1003.8 1004.5 1004.0 1004.1	0 +2 +2 -2 -2	WNW WNW NNE NW WNW	2 1 3 2 1	W W W W W	54 57 53 54 53	82 85 75 85 85	4 5 5 5 4	- - - - -	10 10 10 10 10	800 5700 2500 1500 800	1005.6 1005.3 1005.5 1005.3 1005.1	+12 +12 +6 +0 +6	WNW E NNE WN -	2 1 2 1 0	W W W W W	54 47 48 54 52	92 97 92 97 92	4 5 5 3 4	- - - - -	10 10 10 10 10	800 800 1500 1500 800	1 1 1 1 1	1 1 1 1 1	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg					
3	Birmingham Upper Heyford	1005.3 1005.0	-2 0	NW WNW	2 2	W W	54 54	75 85	6 5	- -	9 10	2500 2500	1006.5 1006.0	+4 +0	WNW WNW	1 3	W W	56 57	75 75	6 5	7 7	- -	4.6 94	34 34	4000 4000	1 0	1 1	crrgrrg crrgrrg	crrgrrg crrgrrg	crrgrrg crrgrrg	crrgrrg crrgrrg			
4	Ross-on-Wye ...	1005.3	-6	NW	2	W	53	65	3	7	8	4.6	2500	1005.9	+6	WNW	2	W	53	65	3	8	-	8	4.6	34	4000	1	1	crrgrrg	crrgrrg	crrgrrg	crrgrrg	
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) Guernsey ...	1006.1 1005.8 1006.2 1006.7 1006.9 1005.6 1007.1	0 0 +10 +2 +2 0 +8	WSW W WSW SW SW SSE WNW	3 2 2 2 2 2 3	W W W W W W W	51 57 49 53 55 56 52	92 65 7 85 92 92 92	8 1 7 8 6 7 7	2 1 5 2 4 5 -	- - - - - - -	4.6 9 10 2.3 2.3 2.3 9	2500 2500 2500 4000 2500 1500 1500	1006.4 1006.6 1007.3 1007.8 1007.7 1007.0 1008.1	0 +8 +10 +6 +2 +12 +4	W W SW SW SW SW WNW	3 3 3 2 4 3 3	W W W W W W W	54 57 48 52 52 54 55	85 65 92 92 92 92 75	8 - 1 8 5 6 8	4 - 8 - 1 4 - 7	2.3 2.3 4.6 7.8 3 4.6 0	2500 - 4000 1500 1500 2500 -	0 0 1 0 1 2 1	2 3 3 1 2 2 2	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg crrgrrg				
6	Pembroke ...	1006.3	+2	WSW	1	W	50	92	7	8	1	4.6	7.8	1500	1006.0	-4	SW	3	W	50	92	7	5	1	2.3	2.3	2500	1	2	crrgrrg	crrgrrg	crrgrrg	crrgrrg	
7	Holyhead ...	1005.5	-2	SSW	3	W	47	92	8	5	-	94	430	1005.0	0	SSW	3	W	49	85	8	5	3	2	7.8	94	220	1	2	crrgrrg	crrgrrg	crrgrrg	crrgrrg	
8	Chester (Sealand) Manchester ...	1005.6 1005.3	-2 0	WNW WN	3 2	W W	49 46	85 97	5 5	- -	10 10	800 800	1006.5 1006.1	+10 +4	WNW WNW	2 2	W W	50 47	85 92	6 5	3 5	- -	94 7.8	10 10	1500 800	1 1	1 1	crrgrrg crrgrrg	crrgrrg crrgrrg	crrgrrg crrgrrg	crrgrrg crrgrrg			
10	Spurn Head ... Catterick ... Tynemouth ...	1003.8 1004.1 1005.7	0 -4 -6	WN WN W	1 2 3	W W W	52 49 45	85 85 92	5 5 6	- - -	10 10 10	800 1500 1500	1005.2 1004.6 1005.8	+4 +2 +2	NE -	1 0	W W	46 49 46	97 92 92	5 4 5	5 - -	- 2 -	10 10 10	800 800 1500	1 1 1	3 1 2	crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg				
11	St. Abbs Head Leuchars ...	1005.9 1006.7	-6 -8	NNE NE	2 2	W W	40 44	97 97	5 6	- -	10 10	800 800	1004.8 1005.4	-6 -2	- NNE	0 2	W W	42 43	97 92	3 5	- -	- -	10 10	4150 450	1 1	2 1	crrgrrg crrgrrg	crrgrrg crrgrrg	crrgrrg crrgrrg	crrgrrg crrgrrg				
12	Renfrew (Abbots L.) Eskdalemuir ... Point of Ayre ...	1006.9 1004.7 1005.6	-8 -8 -4	NE NE WNW	2 3 2	W W W	45 44 49	97 92 92	6 6 7	2 - 1	- 10 4.6	10 450 1500	1006.1 1004.9 1005.0	+2 +2 -2	NE E WNW	2 2 3	W W W	45 43 48	92 97 92	5 5 5	2 - 1	- - 5	9 10 4.6	800 220 1500	1 1 1	2 1 2	crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg				
13A	Tiree ...	1005.0	-4	SE	2	W	52	75	8	5	3	4.6	7.8	2500	1005.6	-6	SE	1	W	54	75	7	5	3	2.3	4.6	2500	0	2	crrgrrg	crrgrrg	crrgrrg	crrgrrg	
13B	Stornoway ...	1007.3	-2	ESE	2	W	46	92	7	5	7	4.6	10	1500	1006.2	-8	ESE	3	W	46	97	6	5	2	7.8	10	450	1	2	crrgrrg	crrgrrg	crrgrrg	crrgrrg	
15	Dalwhinnie ... Aberdeen ... Wick ...	1006.3 1008.5 1009.6	-2 -10 -6	- E ESE	2 4 4	W W W	47 46 45	97 85 85	6 1 7	- 1 3	- 1 8	4.6 1 4.6	10 1500 2500	1005.5 1006.8 1008.6	+16 -10 -6	- E ESE	0 3 4	W W W	46 44 45	97 97 85	5 6 5	1 2 2	- 7.8 7.8	10 1500 1500	1 1 1	2 2 2	crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg	crrgrrg crrgrrg crrgrrg				
16	Lerwick...	1014.4	-10	ES	5	W	46	65	8	5	-	8	2.3	4.6	4000	1013.5	-2	E	45	65	8	5	1	4.6	4.6	2500	0	1	crrgrrg	crrgrrg	crrgrrg	crrgrrg		
17	Blacksod Point...	1000.3	-12	SE'S	3	W	56	75	8	2	6	9	2.3	7.8	1500	999.7	+4	S	52	97	7	9	-	10	10	800	1	3	crrgrrg	crrgrrg	crrgrrg	crrgrrg		
18	Malin Head ... Aldergrove ...	1003.8 1004.6	-2 -10	S ENE	3 1	W W	57 52	75 85	8 5	- -	4 94	2.3 94	7.8 800	1002.4 1003.5	-6 -8	ESE E'S	1 3	W W	55 54	65 75	8 6	4 5	- 6	2.3 Tr	4.6 4.6	5700 2500	0 1	2 1	crrgrrg crrgrrg	crrgrrg crrgrrg	crrgrrg crrgrrg	crrgrrg crrgrrg		
19	Birr Castle ...	1002.9	-6	S	3	W	58	65	8	4	-	2	7.8	7.8	2500	1002.6	-2	SSW	2	W	53	85	8	5	1	7.8	94	1500	1	1	crrgrrg	crrgrrg	crrgrrg	crrgrrg
20	Valentia Obay. † Roches Point ...	999.6 1002.3	0 -8	S SSE	4 5	W W	54 52	92 92	7 8	5 -	- 94	94 9																						

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 25th April 1940.



## DISTRICTS.

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

1 S.E. England	Light westerly wind backing south and increasing to moderate or fresh; bright periods today, rain spreading from west later; mild.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Freshening southerly wind; cloudy, rain spreading from west; local fog on coast; mild.
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Freshening southerly wind; cloudy; rain later, 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.	Freshening south to southeast wind; cloudy, rain at times; average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Freshening southeast wind; cloudy, rain at times; rather cold.
17 N. W. Ireland	
18 N. E. Ireland	As 8 - 12.
19 S. E. Ireland	
20 S. W. Ireland	Fresh southerly wind, strong on coast, veering southwest later; cloudy; rain or drizzle; local coast fog; mild.

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

## GENERAL INFERENCE.

Pressure is relatively low over the North Sea and high over South Spain. A feeble wedge of high pressure covering Southern England is moving east and a trough of low pressure associated with a depression on the Atlantic is approaching our Southwest coasts. There will be local rain or drizzle at first but bright periods will occur in the Midlands and South today. Rain will commence in the west later today and will spread rather quickly eastwards to most districts. It will be rather mild except in the extreme North.

## FURTHER OUTLOOK.

Rain in most districts; mild.

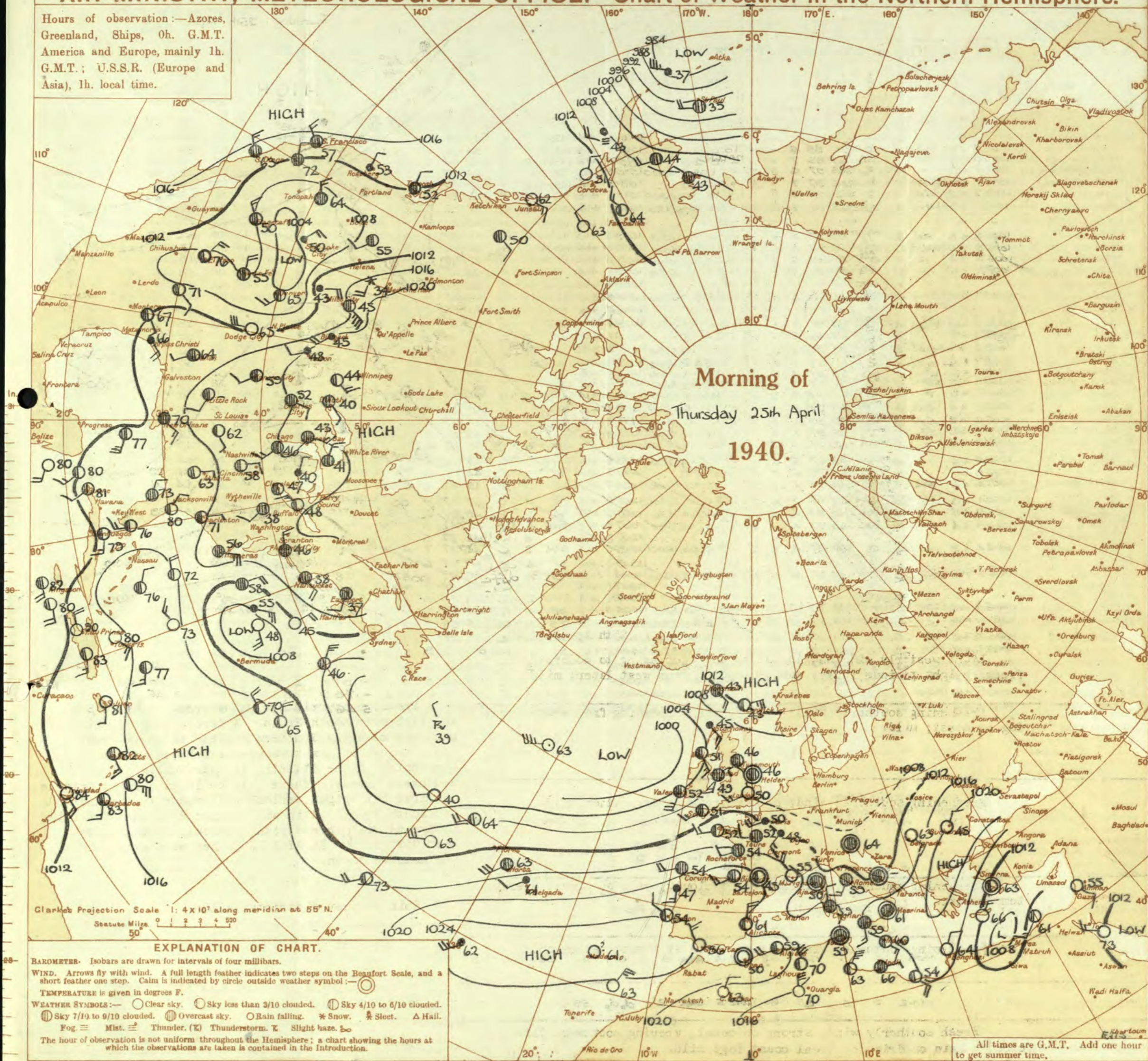
Forecasts issued at 1030.

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

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

# 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.

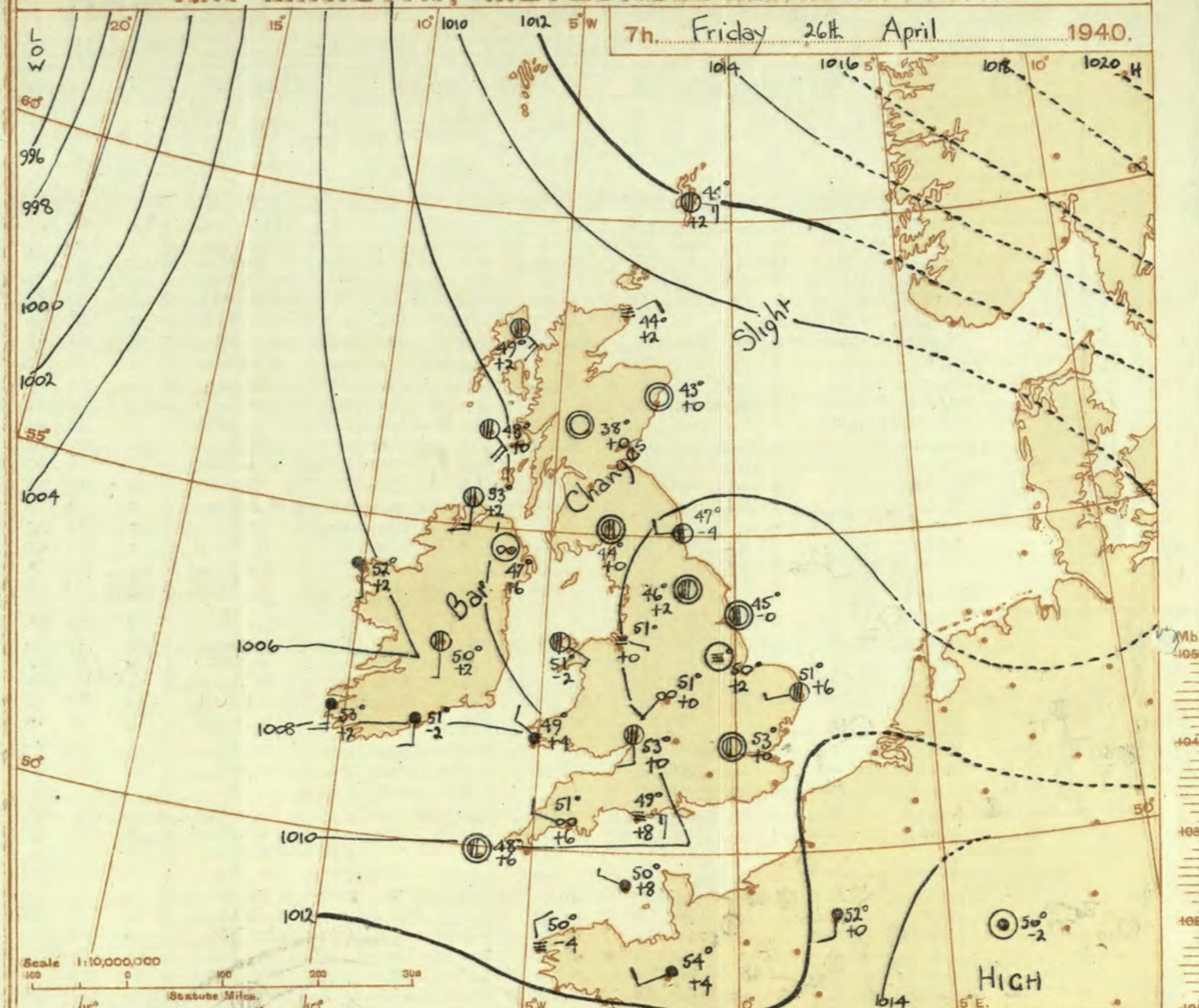
BRITISH SECTION  
Thursday 25th April, 1940.  
No 28644

OBSERVATIONS at 1 hr. G.M.T. 25th. April														OBSERVATIONS at 7 hr. G.M.T. 25th. April														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. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.				Sea. 0-9	TEMPERATURE.			RAINFALL.		SUN-SHINE 24th Hrs.					
					Direc.	Force.					Low.	Med.	High.	Low 0-10			Total 0-10	Height of Base (feet).					Direc.	Force.	Low.	Med.		High.	Low 0-10	Total 0-10	Height of Base (feet).	State of Ground. 0-9		Max. Day 7th-18th °F.	Min. Night 18th-7th °F.	Min. on Grass °F.	Day 7th-18th mm.	Night 18th-7th mm.
1	London (Kew)	18	1008.2	+	SWW	3	b	50	85	6	-	-	-	1010.5	+14	WSW	2	bc	47	92	6	5	-	6	1	4.6	2500	1	56	44	33	4	Tr	0.0				
	Croydon	217	1008.2	+6	SWW	3	b	50	85	6	-	-	-	1010.7	+14	WSW	1	bc	50	75	6	-	4	2	0	4.6	-	1	54	45	35	6	0.4	0.0				
	S. Farnborough	226	1008.3	+10	WN	2	bc	47	85	7	-	-	-	1010.9	+14	WSW	2	c	45	92	7	5	4	1	4.6	7.8	7200	1	57	42	28	3	Tr	0.0				
	Boscombe Down	417	1009.1	+8	-	0	z	45	97	6	5	7	-	1	1010.9	+10	S	1	z	44	97	5	5	7	-	7.8	7.8	4000	1	59	40	37	-	-	0.1			
	Calshot (Stmntn.)	8	1009.1	+8	WSW	3	b	46	97	7	-	3	-	0	Tr	-	-	-	10	10	41	97	2	-	-	10	10	4150	1	55	44	41	-	-	0.0			
	Lympe	346	1008.7	+12	WN	2	z	49	97	6	5	-	-	10	1011.1	+18	WN	2	c	47	85	7	-	7	-	0	9	-	1	54	45	48	1	1	0.0			
	Manston	154	1007.2	+8	WNW	3	qf	52	97	2	5	-	-	10	1009.7	+14	WNW	3	z	51	85	5	5	1	-	4.6	10	4000	0	54	48	47	2	1	0.1			
2	Shoeburyness	11	1006.8	+	WN	2	myf	50	97	4	5	-	-	10	1009.6	+16	WN	3	m	49	85	4	-	1	9	0	9	-	1	56	47	44	3	2	0.0			
	Felixstowe	15	1006.8	+8	WN	2	myf	50	97	4	5	-	-	10	1009.0	+16	WN	1	m	51	97	4	5	-	-	9	9	4000	1	58	47	47	2	0.6	0.0			
	Gorleston	5	1006.3	+4	WNW	2	qf	48	92	4	6	-	-	10	1009.0	+14	WNW	2	m	50	92	4	5	-	-	10	10	1500	1	54	47	45	0.6	7	1.3			
	Mildenhall	19	1006.9	+6	W	2	qf	51	97	2	5	-	-	10	1009.4	+14	W'S	2	f	48	97	2	-	-	-	10	10	4150	1	56	48	46	1	7	0.0			
	Cranwell	240	1007.3	+6	-	0	F	46	97	0	-	-	-	10	1009.1	+14	W	2	m	48	85	4	-	-	6	0	7.8	-	1	55	43	41	0.5	1	0.0			
3	Birmingham	535	1008.1	+	WNW	2	z	47	85	6	5	3	-	2.3	1010.2	+12	WSW	2	z	46	92	6	5	-	-	9	9	1500	1	57	40	30	0.1	-	-			
4	Upper Heyford	408	1008.1	+	WNW	2	z	47	85	6	5	3	-	2.3	1010.2	+12	WSW	2	z	46	92	6	5	-	-	9	9	1500	1	57	40	30	0.1	-	-			
	Ross-on-Wye	223	1008.1	+	WNW	2	z	47	85	6	5	3	-	2.3	1010.2	+12	WSW	2	z	46	92	6	5	-	-	9	9	1500	1	57	40	30	0.1	-	-			
5	Hartland Point	299	1008.2	+10	WSW	4	ft	50	97	3	-	-	-	10	1009.6	+10	SW	3	c	50	97	7	5	-	-	7.8	7.8	2500	1	55	48	48	-	-	9.8			
	Bristol	209	1008.9	+6	-	0	z	47	92	6	-	-	-	0	1010.7	+14	W	2	c	52	92	7	5	4	-	7.8	9	2500	0	61	46	45	-	-	6.7			
	Portland Bill	32	1009.0	+6	WNW	3	ft	47	92	2	5	-	-	10	1011.8	+12	W	3	j	47	92	2	5	-	-	10	10	4150	1	49	46	-	-	-	-			
	Plymouth	82	1009.7	+10	W'S	2	z	51	92	6	5	-	-	4.6	1010.8	+6	SSW	2	z	50	97	6	5	-	-	9	9	450	1	55	50	48	-	-	8.5			
	The Lizard	240	1009.9	+8	W'S	2	z	50	97	4	5	2	-	9	1010.5	+6	SSW	3	z	50	97	6	5	2	-	9	9	1500	1	55	49	-	-	-	8.1			
	Seilly (St. Mary's)	163	1008.9	+10	SW'S	2	z	51	97	7	8	2	-	7.8	1009.2	+2	SW	2	c	51	97	6	5	7	-	7.8	10	1500	1	56	50	-	-	Tr	6.1			
	Guernsey	175	1010.3	+8	W	3	0	51	97	6	5	-	-	10	1011.9	+12	WSW	2	c	51	97	6	8	-	-	10	10	1500	1	57	50	48	-	-	6.0			
6	Pembroke	142	1007.3	+4	WSW	3	IF	49	97	1	5	-	-	10	1009.0	+4	SW	3	c	49	97	7	5	-	-	10	10	1500	1	52	46	-	-	Tr	6.3			
7	Holyhead	26	1006.0	+2	SW	3	qf	49	97	6	5	-	-	10	1007.7	+8	SE	3	myf	47	97	4	5	-	-	10	10	4150	1	52	44	41	Tr	0.2	1.9			
	Chester(Sealand)	16	1007.7	+2	SE	1	z	45	97	5	5	-	-	4.6	1008.9	+8	ESE	1	z	48	92	5	5	4	-	1	2.3	2500	1	57	45	39	Tr	-	0.0			
8	Manchester	70	1007.9	+6	-	0	m	46	97	4	5	-	-	10	1009.4	+10	ESE	1	myf	44	97	4	5	-	-	9	10	1500	1	49	43	36	-	-	0.0			
10	Spurn Head	29	1006.6	+2	-	0	0	46	97	6	5	-	-	10	1008.6	+12	WN	3	c	47	92	5	-	4	2	0	7.8	-	1	53	44	-	-	Tr	0.0			
	Catterick	175	1006.8	+2	-	0	0	45	92	6	3	-	-	0	1008.7	+14	-	0	z	42	97	6	5	-	-	2	1	2.3	4000	1	49	36	29	0.4	1	0.0		
	Tynemouth	108	1007.4	+6	SW	2	0	46	97	5	-	-	-	10	1008.7	+14	W	3	bc	45	92	6	5	3	2	2.3	4.6	2500	1	46	44	41	1	1	-			
11	St. Abbs Head	280	1006.1	+8	-	0	c	42	97	7	8	2	-	7.8	1007.6	+6	W	3	c	42	97	7	8	4	9	4.6	7.8	2500	1	42	41	39	1	1	-			
	Leuchars	36	1005.9	+8	-	0	m	43	97	4	5	-	-	10	1007.2	+10	W	1	z	43	97	6	5	-	-	9	9	1500	1	45	41	39	3	1	0.0			
12	Renfrew (Abbots I.)	19	1006.3	+4	-	0	m	43	97	4	-	-	-	10	1007.0	+2	ENE	1	cf	45	92	3	5	2	-	9	10	1500	1	47	43	41	2	1	0.0			
	Eskdalemuir	794	1006.3	+	-	0	m	43	97	4	-	-	-	10	1007.8	+6	-	0	cf	43	97	5	5	-	-	10	10	4150	1	46	40	41	9	2	0.0			
	Point of Ayre	30	1006.4	+8	-	0	c	43	97	6	5	2	-	7.8	1007.2	+4	SW	2	c	48	97	7	4	-	-	7.8	7.8	2500	1	51	42	-	-	0.2	0.1			
13A	Tiree	22	1005.4	-8	SE	3	rr	45	97	6	5	2	-	7.8	1003.5	+4	SE	4	c	47	97	6	5	-	-	9	9	800	0	56	45	-	-	0.2	7.6			
13B	Stornoway	80	1005.4	-8	SE	3	rr	45	97	6	5	2	-	7.8	1004.6	+4	SSE	3	c	46	92	8	5	7	-	7.8	9	2500	1	47	44	-	-	3	11			
15	Dalwhinnie	1176	1007.5	+14	SE	4	c	42	92	7	5	7	-	4.6	1007.5	+14	S	4	c	42																		

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Friday 26th April 1940.  
No 28,645

OBSERVATIONS at 13h. G.M.T. 25th April.														OBSERVATIONS at 18h. G.M.T. 25th April.														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 Sea. 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)	Form. (23)					Amount (24)	Height of Base (feet) (28)	Form. (25)	Amount (26)	Height of Base (feet) (28)			7h.—13h. 25th (37)	13h.—18h. 25th (38)	18h.—to 25th 1h. (39)	25th to 26th (40)	
1	London (Kew)...	30.15	0	NW	3	C	60	55	8	-	0	0	1500	30.14	+2	WSW	2	C	58	65	8	-	0	0	2500	30.14	+2	WSW	2	C	58	65	8	bcwmsy
	Croydon ...	30.15	0	NW	3	C	63	55	8	-	0	0	2000	30.14	+10	SW	2	C	58	75	7	-	0	0	2000	30.14	+2	SW	2	C	58	75	7	bcwmsy
	S. Farnborough	30.14	-2	SW	3	C	60	65	8	-	0	0	1000	30.14	-2	SW	2	C	57	65	8	-	0	0	1000	30.14	-2	SW	2	C	57	65	8	bcwmsy
	Boscombe Down	30.15	+2	SW	3	C	58	65	8	-	0	0	1000	30.14	+18	SW	3	C	56	75	8	-	0	0	1000	30.14	+18	SW	3	C	56	75	8	bcwmsy
	Calshot (Soton.)	30.12	+2	SW	1	bc	56	75	7	-	0	0	2000	30.12	+2	SW	2	C	54	85	7	-	0	0	2000	30.12	+2	SW	2	C	54	85	7	bcwmsy
	Lymington	30.12	+2	SW	2	C	55	85	7	-	0	0	1000	30.12	+2	SW	2	C	53	85	7	-	0	0	1000	30.12	+2	SW	2	C	53	85	7	bcwmsy
	Manston	30.12	+2	WNW	2	C	60	65	7	-	0	0	1500	30.12	+2	WSW	3	C	57	75	7	-	0	0	1500	30.12	+2	WSW	3	C	57	75	7	bcwmsy
2	Shoeburyness ...	30.12	+6	WS	2	bc	62	65	5	-	0	0	1000	30.12	+2	SSW	2	C	56	75	6	-	0	0	1000	30.12	+2	SSW	2	C	56	75	6	bcwmsy
	Felixstowe ...	30.10	+6	W	2	bc	64	55	8	-	0	0	2500	30.10	+2	W	3	C	61	65	8	-	0	0	2500	30.10	+2	W	3	C	61	65	8	bcwmsy
	Gorleston ...	30.08	+4	NW	2	C	58	75	6	-	0	0	2500	30.09	+2	S	2	C	52	75	5	-	0	0	2500	30.09	+2	S	2	C	52	75	5	bcwmsy
	Mildenhall ...	30.10	+2	WS	3	bc	63	55	7	-	0	0	1000	30.10	+2	WSW	2	C	61	55	7	-	0	0	1000	30.10	+2	WSW	2	C	61	55	7	bcwmsy
	Cranwell ...	30.10	+3	W	2	bc	59	65	6	-	0	0	2500	30.10	+2	W	1	C	61	55	7	-	0	0	2500	30.10	+2	W	1	C	61	55	7	bcwmsy
3	Birmingham	30.10	+4	WSW	1	C	59	55	8	-	0	0	1000	30.10	+2	SW	1	C	60	55	8	-	0	0	1000	30.10	+2	SW	1	C	60	55	8	bcwmsy
	Upper Heyford	30.11	+2	-	0	C	58	65	7	-	0	0	2500	30.10	-2	SW	2	C	60	55	9	-	0	0	2500	30.10	-2	SW	2	C	60	55	9	bcwmsy
4	Ross-on-Wye ...	30.10	+2	SW	3	bc	63	55	8	-	0	0	1000	30.10	+4	SW	2	C	58	75	7	-	0	0	1000	30.10	+4	SW	2	C	58	75	7	bcwmsy
5	Hartland Point	30.10	+3	W	2	C	55	85	7	-	0	0	1500	30.10	-4	S	2	C	56	75	8	-	0	0	1500	30.10	-4	S	2	C	56	75	8	bcwmsy
	Bristol ...	30.10	-6	SW	2	C	63	55	8	-	0	0	2500	30.10	-2	SSW	2	C	57	65	8	-	0	0	2500	30.10	-2	SSW	2	C	57	65	8	bcwmsy
	Portland Bill ...	30.12	+6	S	3	ft	40	92	2	-	0	0	1500	30.12	-6	SE	3	C	50	92	2	-	0	0	1500	30.12	-6	SE	3	C	50	92	2	bcwmsy
	Plymouth ...	30.11	-2	SW	3	bc	53	92	6	-	0	0	1500	30.10	-6	SSE	2	C	53	92	6	-	0	0	1500	30.10	-6	SSE	2	C	53	92	6	bcwmsy
	The Lizard ...	30.10	0	SE	3	ft	52	97	5	-	0	0	1500	30.10	-4	-	0	OFF	52	97	5	-	0	0	1500	30.10	-4	-	0	OFF	52	97	5	bcwmsy
	Scilly (St. Mary's)	30.09	-2	SE	3	ft	53	97	4	-	0	0	1500	30.09	0	SW	2	ft	52	97	2	-	0	0	1500	30.09	0	SW	2	ft	52	97	2	bcwmsy
	Guernsey ...	30.12	0	SSW	2	C	59	75	7	-	0	0	-	30.10	-10	SE	2	pr	53	92	8	-	0	0	1000	30.10	-10	SE	2	pr	53	92	8	bcwmsy
6	Pembroke ...	30.10	+4	SW	3	C	51	97	6	-	0	0	1500	30.10	-2	SE	3	C	50	92	7	-	0	0	1500	30.10	-2	SE	3	C	50	92	7	bcwmsy
7	Holyhead ...	30.05	+4	SSW	4	C	52	85	7	-	0	0	800	30.06	-2	SSW	3	C	51	85	7	-	0	0	800	30.06	-2	SSW	3	C	51	85	7	bcwmsy
	Chester (Sealand)	30.05	+2	-	0	C	60	65	7	-	0	0	2500	30.10	+2	WNW	1	20	57	75	6	-	0	0	2500	30.10	+2	WNW	1	20	57	75	6	bcwmsy
8	Manchester ...	30.09	+4	S	1	C	59	65	7	-	0	0	2500	30.10	+2	NNW	2	20	58	75	5	-	0	0	2500	30.10	+2	NNW	2	20	58	75	5	bcwmsy
10	Spurn Head ...	30.08	0	-	0	bc	57	65	6	-	0	0	1500	30.10	0	ESE	2	bc	48	92	6	-	0	0	1500	30.10	0	ESE	2	bc	48	92	6	bcwmsy
	Catterick ...	30.08	+6	W	1	bc	59	65	8	-	0	0	1000	30.10	0	WS	1	bc	61	55	7	-	0	0	1000	30.10	0	WS	1	bc	61	55	7	bcwmsy
	Tynemouth ...	30.10	+8	SE	2	bc	48	85	6	-	0	0	4000	30.10	+4	S	3	20	48	85	6	-	0	0	4000	30.10	+4	S	3	20	48	85	6	bcwmsy
11	St. Abbs Head	30.08	+8	SSW	3	C	58	85	8	-	0	0	2500	30.09	+2	WSW	2	bc	59	65	8	-	0	0	2500	30.09	+2	WSW	2	bc	59	65	8	bcwmsy
	Leuchars ...	30.08	+6	NNW	1	C	56	75	7	-	0	0	2500	30.09	+2	SSW	3	C	57	65	7	-	0	0	2500	30.09	+2	SSW	3	C	57	65	7	bcwmsy
12	Renfrew (Abbots L.)	30.09	+6	NNW	1	C	56	75	7	-	0	0	2500	30.09	+2	SSW	3	C	57	65	8	-	0	0	2500	30.09	+2	SSW	3	C	57	65	8	bcwmsy
	Eskdalemuir ...	30.09	+6	SW	3	0	48	92	6	-	0	0	220	30.10	+4	SW	2	C	52	85	8	-	0	0	2500	30.10	+4	SW	2	C	52	85	8	bcwmsy
	Point of Ayre ...	30.09	+2	SE	4	bc	55	85	6	-	0	0	1500	30.09	+2	-	0	bc	53	92	8	-	0	0	1500	30.09	+2	-	0	bc	53	92	8	bcwmsy
13A	Tiree ...	30.05	+10	SSE	4	bc	56	75	7	-	0	0	2500	30.06	+4	SSE	3	C	43	85	7	-	0	0	1500	30.06	+4	SSE	3	C	43	85	7	bcwmsy
13B	Stornoway ...	30.05	+10	SSE	3	C	49	85	7	-	0	0	2500	30.07	+12	SSE	3	C	49	85	8	-	0	0	2500	30.07	+12	SSE	3	C	49	85	8	bcwmsy
15	Dalwhinnie ...																																	

## AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T.	26th April, 1940.
1 S.E. England	Light southeast wind soon becoming west-southwest; occasional slight rain or drizzle; extensive coast and hill fog; rather warm and close.	
2 E. England ...		
3 E. Midlands ...	Light variable wind, mainly fair today; cloudy with local drizzle and fog tonight; rather warm and close.	
4 W. Midlands ...		
5 S.W. England	Light west to southwest wind; cloudy, drizzle and fog on coasts; rather warm and close.	
6 South Wales ...		
7 North Wales ...	Light southeast wind, veering southwest; cloudy; local drizzle and coast fog; rather warm and close.	
8 N.W. England		
9 N. Midlands ...	Light variable wind; mainly fair; local fog tonight; rather warm.	
10 N.E. England		
11 S.E. Scotland	As 7 - 9.	
12 S.W. Scotland & Isle of Man.		
13 { A. W. Scotl <sup>d</sup> . B.N.W.Scot- land.	Light south to southeast wind; mainly fair; local fog inland and on East coast tonight ; rather warm.	
14 Mid Scotland		
15 N. E. Scotland	Light or moderate southeast wind; cloudy; persistent fog; rather cold	
16 Orkneys and Shetlands		
17 N. W. Ireland	As 7 - 9.	
18 N. E. Ireland		
19 S. E. Ireland	As 5 - 6.	
20 S. W. Ireland		

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

### GENERAL INFERENCE.

A wedge of high pressure over East England is moving slowly east and a trough of low pressure extending from Central Ireland to Central France is moving very slowly northeast. Weather will be fair in the extreme north apart from local coast fog. There will be extensive coast and hill fog in the southwest with occasional light rain or drizzle and these conditions will extend slowly northeastwards. Weather will be fair at first in the east but slight rain is expected later with fog on the south coast. It will be rather warm and close.

### FURTHER OUTLOOK.

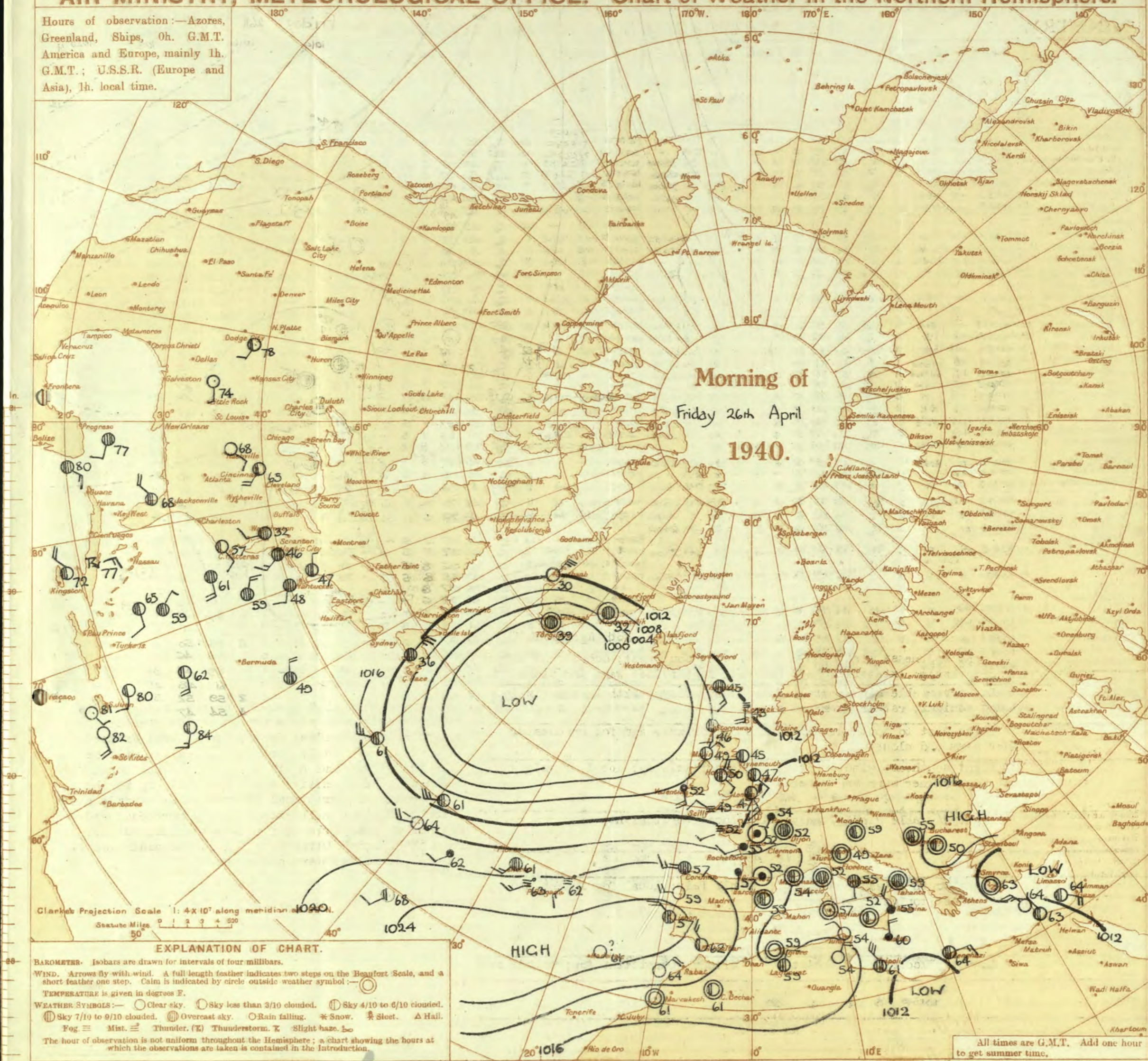
Similar.

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

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

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

Hours of observation:—Azores, Greenland, Ships, 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. 26th April														OBSERVATIONS at 7 hr. G.M.T. 26th April														PAST 24 HOURS.									
DISTRICT.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE.		
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	Direc.	Force.	Form.	Amount.			Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.
1	London (Kew) ... 18	1011.3	-	*	*	*	*	*	*	*	*	*	*	1011.0	-2	-	0	Z	52	85	6	5	-	-	-	-	-	1	*	61	46	34	Tr	-	4.4		
	Croydon ... 217	1011.7	-2	SSE	3	Z	47	97	6	-	4	1	0	2-3	-	ESE	1	bc	53	85	6	5	3	-	-	-	1	*	64	46	43	-	-	5.5			
	S. Farnborough ... 226	1011.7	-2	SSE	2	Z	49	92	7	5	-	-	0	2-3	-	ESE	1	bc	49	97	6	5	3	-	-	-	1	*	62	47	35	-	-	4.6			
	Boscombe Down ... 417	1011.2	-6	SE	2	Z	50	97	6	5	-	-	10	10	1500	1010.3	-2	SE	2	bc	50	97	5	5	-	-	-	1	*	62	49	48	-	-	0.3		
	Calshot (St. Mary's) ... 8	1011.4	-6	SE	1	Z	51	92	6	5	2	-	7-8	10	2500	1010.5	-2	SE	1	bc	50	97	5	5	-	-	-	1	*	59	49	49	-	-	0.1		
	Lymington ... 346	1013.3	-2	SSW	1	F	44	97	1	-	-	-	10	10	1500	1012.0	-6	-	0	bc	50	97	8	-	-	-	1	*	61	36	33	0.3	0.1	2.1			
	Manston ... 154	1011.9	-4	SSW	2	Z	47	92	6	5	7	-	2-3	9	5700	1011.2	0	WSW	1	C	49	85	7	5	3	1	-	0	*	61	44	43	Tr	-	0.8		
2	Shoeburyness ... 11	1011.4	-6	SW	1	Z	51	92	5	5	3	-	2-3	7-8	4000	1010.9	0	SSW	1	Z	49	97	5	5	-	-	-	1	*	67	47	44	-	-	4.8		
	Felixstowe ... 15	1010.9	0	SW	2	C	50	85	6	5	-	-	10	10	2500	1010.9	+6	WS	1	C	51	85	5	5	-	-	-	0	*	60	47	45	-	-	0.7		
	Gorleston ... 5	1010.9	-2	SW	2	C	52	85	7	-	3	-	0	9+	-	1010.4	+2	SW	2	Z	49	92	5	-	3	-	-	1	*	65	47	39	0.1	Tr	6.1		
	Mildenhall ... 19	1010.9	-2	SW	2	C	52	85	7	-	3	-	0	9+	-	1010.4	+2	SW	2	Z	49	92	5	-	3	-	-	1	*	65	47	39	0.1	Tr	6.1		
	Cranwell ... 240	1010.5	-2	0	0	Z	52	75	5	5	-	-	7-8	7-8	2500	1010.0	+2	-	0	m	50	85	4	1	3	1	-	0	*	63	44	39	-	-	9.8		
3	Birmingham ... 535	1009.6	-4	SW	2	id	52	97	4	5	2	-	9+	10	1500	1009.7	+6	WSW	3	df	49	97	1	-	-	-	-	1	*	57	49	49	Tr	2	3.0		
	Upper Heyford ... 408	1011.2	-6	SSW	2	C	50	92	7	5	-	-	9+	9+	5700	1010.7	-2	SSW	1	Z	51	92	6	5	3	-	-	1	*	64	48	39	-	-	-		
4	Ross-on-Wye ... 223	1011.2	-6	SSW	2	C	50	92	7	5	-	-	9+	9+	5700	1010.2	0	S	2	0	53	92	6	5	-	-	-	1	*	64	50	45	-	-	5.2		
5	Hartland Point ... 299	1009.6	-4	SW	2	id	52	97	4	5	2	-	9+	10	1500	1009.7	+6	WSW	3	df	49	97	1	-	-	-	-	1	*	57	49	49	Tr	2	3.0		
	Bristol ... 209	1010.8	-6	S	2	Z	52	92	6	5	-	-	10	10	1500	1010.1	+2	S	1	df	51	97	5	5	-	-	-	1	*	63	50	44	Tr	0.5	5.2		
	Portland Bill ... 32	1010.1	-12	SE	3	rr	48	92	7	5	-	-	10	10	2500	1009.8	+8	E	3	df	49	92	2	5	-	-	-	1	*	51	46	-	-	-	-		
	Plymouth ... 82	1010.1	-2	WSW	1	f	51	97	3	-	-	-	10	10	1500	1010.2	+6	WSW	2	Z	51	97	6	5	-	-	-	1	*	56	49	50	0.1	0.6	2.2		
	The Lizard ... 240	1010.3	+2	WSW	1	df	53	97	2	5	-	-	10	10	800	1010.8	+4	WSW	2	df	47	97	2	5	-	-	-	1	*	53	46	-	-	-	0.9		
	Scilly (St. Mary's) ... 163	1010.2	+2	WSW	2	f	49	97	1	-	-	-	10	10	1500	1010.4	+6	0	0	C	48	97	7	5	7	-	-	1	*	54	47	-	-	-	0.1		
	Guernsey ... 175	1010.0	-4	W	3	df	51	97	2	5	-	-	10	10	1500	1010.3	+8	WSW	1	df	50	97	6	5	-	-	-	1	*	60	49	49	Tr	2	1.5		
6	Pembroke ... 142	1009.5	-2	SE	3	f	49	97	2	-	-	-	10	10	1500	1010.0	+4	WSW	2	df	49	97	1	5	-	-	-	1	*	53	47	-	-	-	0.0		
7	Holyhead ... 26	1009.7	-4	SE	1	C	50	92	7	5	-	-	10	10	1500	1009.0	-2	ESE	1	df	51	97	7	5	2	-	-	1	*	56	50	47	Tr	0.3	4.2		
	Chester (Sealand) ... 16	1010.6	+2	0	0	Z	50	97	5	5	-	-	9+	9+	4000	1009.8	0	ESE	1	df	51	85	3	5	-	-	-	0	*	62	49	45	Tr	-	7.4		
8	Manchester ... 70	1010.6	-2	NNE	1	bf	45	97	3	-	4	-	0	1	-	1010.2	+2	-	0	rf	48	92	3	5	-	-	-	1	*	63	44	35	-	-	3.1		
10	Spurn Head ... 29	1010.2	0	ESE	1	C	47	97	6	5	-	-	9+	9+	1500	1010.1	0	-	0	bc	46	97	5	-	5	-	-	0	*	62	44	-	-	-	8.5		
	Catterick ... 175	1011.0	+2	0	0	bc	45	85	7	-	3	-	0	2-3	-	1010.4	+2	-	0	C	46	85	8	5	3	-	-	1	*	62	38	31	-	-	8.7		
	Tynemouth ... 108	1011.5	0	W	3	C	45	92	6	8	-	-	7-8	7-8	2500	1010.9	-4	W	2	bc	47	85	6	2	-	-	-	0	*	51	42	-	-	-	-		
11	St. Abbs Head ... 280	1010.2	+4	SW	2	bc	49	75	8	4	4	-	2-3	4-6	2500	1009.5	0	W	1	C	48	75	8	4	4	2	Tr	7.8	61	45	-	-	-	-			
	Leuchars ... 36	1009.9	0	W	2	b	44	92	6	1	6	-	Tr	1	4000	1009.2	-2	W	3	Z	45	92	6	-	-	-	-	1	*	59	41	31	-	-	3.3		
12	Renfrew (Abbots) ... 19	1010.3	0	0	0	Z	46	92	6	5	3	-	9	9+	2500	1010.4	0	-	0	C	44	97	5	5	-	-	-	1	*	55	37	33	0.2	0.2	3.2		
	Eskdalemuir ... 794	1010.3	0	0	0	0	46	92	6	5	3	-	9	9+	2500	1010.4	0	-	0	C	44	97	5	5	-	-	-	1	*	55	37	33	0.2	0.2	3.2		
	Point of Ayre ... 30	1010.5	0	S	2	bc	46	97	7	5	4	-	1	2-3	2500	1009.7	-2	ESE	2	C	48	92	7	5	3	-	-	1	*	61	45	-	-	-	10.0		
13A	Tiree ... 22	1009.1	0	S	2	C	46	92	7	5	7	-	7-8	9	2500	1007.6	0	SE	3	C	48	92	8	5	-	-	-	0	*	57	47	-	-	-	3.3		
13B	Stormway ... 80	1008.1	0	S	2	C	46	92	7	5	7	-	7-8	9	2500	1008.5	+2	SE	3	C	49	85	8	5	7	-	-	1	*	53	46	-	-	-	2.2		
15	Dalwhinnie ... 1176	1009.1	0	0	0	0	43	97	6	5	-	-	10	10	1500	1009.1	0	-	0	bc	38	97	8	-	-	-	-	0									

## LONDON OBSERVATIONS

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

AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Saturday 27th April 1940.  
No. 28546

SECRET  
CANCELLED

OBSERVATIONS at 13h. G.M.T. 26th April

OBSERVATIONS at 18h. G.M.T. 26th April

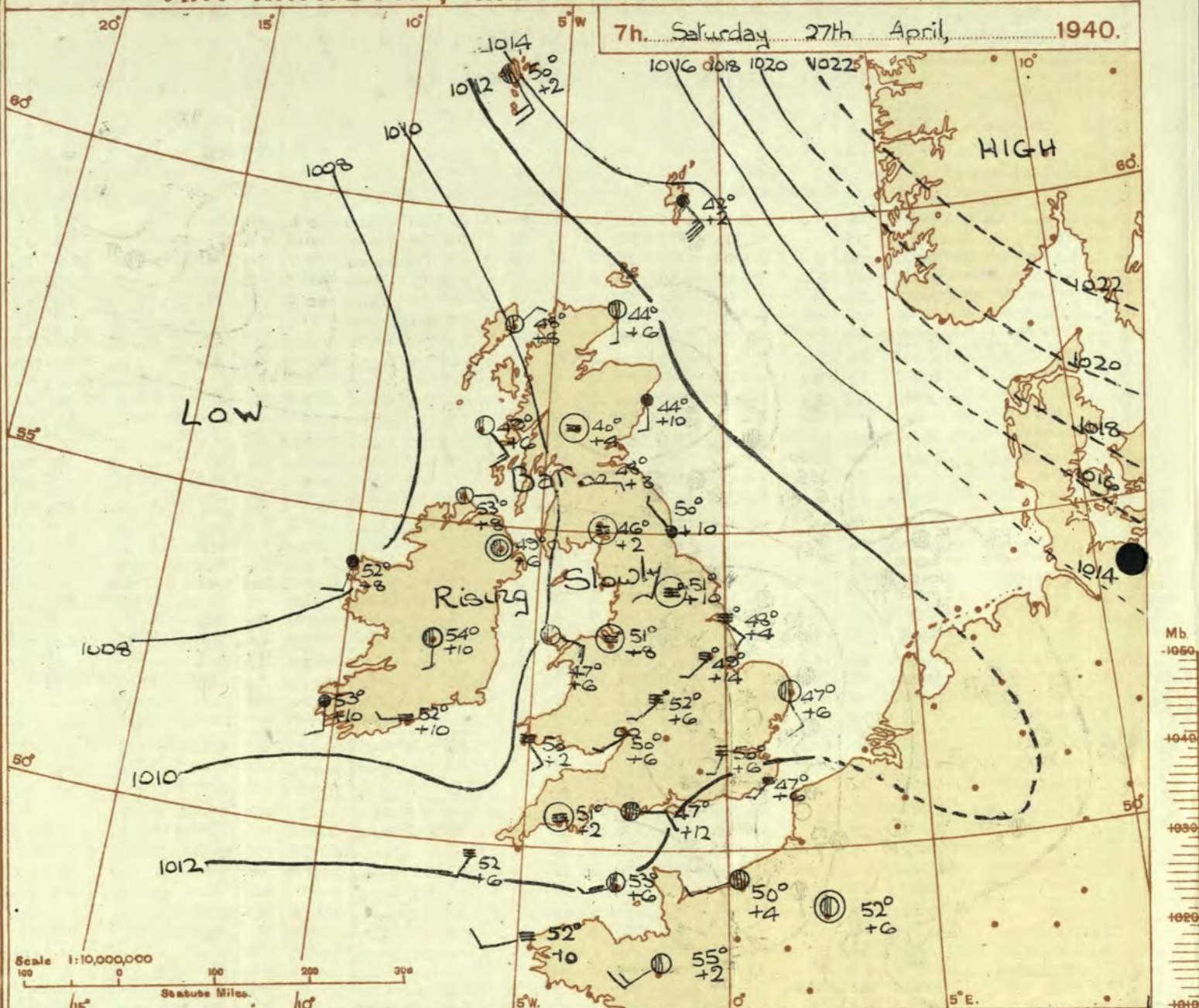
PAST 24 HOURS.

District.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.									
				Direc. (3)	Force. (4)					Form. (9)	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Direc. (17)	Force (18)			Form. (23)	Amount Low 0-10 Total 0-10 (26) (27)					Height of Base (feet) (28)	7h.—13h. 26th (37)	13h.—18h. 26th (38)	18h.—26th 27th (39)	1h.—7h. 27th (40)												
																														Low. (10)	Med. (11)	High (12)	Low. (24)	Med. (25)	High (26)	7h.—13h. 26th (37)	13h.—18h. 26th (38)	18h.—26th 27th (39)	1h.—7h. 27th (40)

1	London (Kew)...	1009.7	-8	SW	4	C	65	55	8	8	3	-	9	9	2500	1010.1	+6	SW	5	56	85	5	5	1	-	9	9	1500	1	*	bcwcy	cprrr	csbcm	cmw
	Croydon ...	1009.8	-10	-	0	C	64	55	8	2	3	-	7.8	9	4000	1010.3	+6	-	0	56	92	6	4	7	-	7.8	9	4000	1	*	bcwcy	cprrr	csbcm	cmw
	S. Farnborough	1009.6	-6	S	3	C	64	65	7	8	3	-	4.6	7.8	4000	1009.6	+4	SW	2	60	75	8	8	3	-	4.6	9	4000	0	*	cmccrc	cprrr	csbcm	cmw
	Boscombe Down	1010.4	-2	SW	2	C/p	55	85	8	3	1	-	7.8	10	1500	1009.9	0	SW	3	57	85	8	8	4	-	7.8	7.8	1500	0	*	bcwcy	cprrr	csbcm	cmw
	Calshot (Soton.)	1010.3	+2	SE	2	C/p	54	85	6	5	-	-	10	10	800	1010.6	0	SW	4	53	92	6	5	-	-	10	10	220	0	2	bcwcy	cprrr	csbcm	cmw
	Lymington	1011.5	-2	SE	2	C	57	85	7	2	-	-	4.6	4.6	4000	1011.4	+2	SW	1	54	85	7	2	3	-	7.8	9	4000	0	3	bcwcy	cprrr	csbcm	cmw
	Manston	1010.5	-6	SE	2	C	59	65	7	1	4	-	2.3	2.3	2500	1010.2	-2	SE	3	54	75	6	-	3	-	0	4.6	-	0	*	bcwcy	cprrr	csbcm	cmw
2	Shoeburyness ...	1010.6	+6	SSE	2	C	62	65	8	3	3	-	4.6	7.8	2500	1010.7	+4	SE	1	55	85	8	5	9	-	1	7.8	2500	1	*	bcwcy	cprrr	csbcm	cmw
	Felixstowe ...	1010.7	-2	SE	2	C	60	75	6	2	3	-	2.3	7.8	2500	1010.2	0	S	2	51	92	7	5	3	-	4.6	9	5700	1	1	cmw	czoc	csbcm	cmw
	Gorleston ...	1010.6	+12	S	1	C	55	75	5	2	3	-	4.6	7.8	2500	1010.2	0	S	2	50	85	5	5	-	9	9	2500	0	2	czc	czc	csbcm	cmw	
	Mildenhall ...	1009.4	-8	SW	2	C	64	45	8	6	-	-	4.6	9	2500	1009.1	-2	W	1	63	55	8	8	6	9	4.6	4.6	4000	0	*	bcwcy	cprrr	csbcm	cmw
	Cranwell ...	1009.3	-4	W	2	C	63	55	6	5	-	-	9	9	2500	1009.9	+4	-	0	61	65	8	2	3	-	2.3	7.8	2500	0	*	bcwcy	cprrr	csbcm	cmw
3	Birmingham ...	1009.4	-4	SW	2	C	61	65	8	6	-	-	7.8	9	2500	1009.4	0	E	2	58	75	7	8	-	-	9	9	1500	1	*	bcwcy	cprrr	csbcm	cmw
	Upper Heyford	1009.6	-10	SSE	1	C/p	62	65	7	8	3	-	9	9	1500	1009.9	0	SSW	2	56	85	6	5	7	-	4.6	9	2500	1	*	cmccrc	cprrr	csbcm	cmw
4	Ross-on-Wye ...	1009.7	-4	S	2	C	61	75	7	2	3	-	7.8	9	2500	1008.9	-4	SW	2	59	75	7	8	3	-	4.6	7.8	2500	0	*	bcwcy	cprrr	csbcm	cmw
5	Hartland Point ...	1010.2	0	W	2	C	49	97	8	5	-	-	9	9	1500	1010.0	-2	W	3	52	75	8	2	3	-	1	7.8	2500	0	2	dfdfc	cbcc	fdfF	FofF
	Bristol ...	1009.8	-6	SW	3	C	50	85	8	6	2	-	9	9	800	1009.6	0	WSW	3	59	85	8	6	4	-	2.3	4.6	2500	1	*	cmccrc	cprrr	csbcm	cmw
	Portland Bill ...	1010.2	+4	E	2	C	50	92	2	5	-	-	10	10	4150	1010.6	+2	SW	2	47	92	2	5	-	-	10	10	4150	1	2	off	off	off	off
	Plymouth ...	1010.6	+2	SW	3	C	55	85	8	3	3	-	2.3	7.8	2500	1010.5	0	W	1	52	85	6	5	3	-	9	9	4000	1	1	bcwcy	cprrr	csbcm	cmw
	The Lizard ...	1011.4	+6	W	2	C	50	97	6	5	-	-	10	10	1500	1011.2	0	S	2	51	97	1	5	-	-	10	10	450	1	2	cife	cprrr	dfF	FF
	Scilly (St. Mary's)	1010.8	+4	SW	2	C	52	97	2	-	-	-	10	10	4150	1010.2	-2	SW	3	53	97	2	-	-	-	10	10	4150	1	2	off	off	off	off
	Guernsey ...	1011.2	+4	WSW	2	C	52	92	7	5	-	-	10	10	800	1010.9	-2	NW	2	50	92	7	5	1	-	7.8	9	800	1	2	oldom	cidom	com	cmpr
6	Pembroke ...	1010.5	+6	WS	1	C	49	97	5	5	-	-	10	10	1500	1009.7	-2	SE	2	48	97	6	5	7	-	7.8	9	800	1	1	Feifm	moc	FF	FeFeigo
7	Holyhead ...	1009.0	-2	SW	1	C	55	85	8	7	-	-	9	9	450	1009.1	+2	SW	3	47	97	2	5	-	-	10	10	4150	1	2	dfifc	bedfo	offc	e
	Chester (Sealand)	1009.1	-6	NW	2	C	62	65	6	8	1	-	9	9	2500	1009.4	+6	NW	2	56	85	6	8	2	-	7.8	10	1500	0	*	bcwcy	cprrr	csbcm	cmw
8	Manchester ...	1009.1	-6	SW	2	C	64	55	7	7	3	-	4.6	9	4000	1008.7	0	NW	1	59	85	4	5	-	-	7.8	9	4000	1	*	cmccrc	cprrr	csbcm	cmw
10	Spurn Head ...	1009.4	0	ESE	2	C	53	85	6	5	4	-	4.6	7.8	1500	1009.3	0	ESE	1	49	92	6	6	2	-	7.8	10	800	0	1	czc	czc	cmw	cmw
	Catterick ...	1008.8	-8	SE	2	C	62	55	7	5	3	-	4.6	9	4000	1008.5	-2	-	0	58	75	6	5	-	-	10	10	4000	1	*	bcwcy	cprrr	csbcm	cmw
	Tynemouth ...	1010.1	-4	SSE	3	C	52	75	6	8	-	-	7.8	7.8	2500	1009.9	-2	SSE	3	50	75	6	8	-	-	9	9	2500	0	1	bc	bc	cmw	offR
11	St. Abbs Head ...	1008.8	0	S	2	C	56	75	7	7	4	2	2.3	4.6	2500	1008.4	-2	SSE	3	53	75	7	7	6	-	4.6	4.6	2500	0	2	bc	bc	cmw	offR
	Leuchars ...	1008.1	-6	E	1	C	65	45	8	2	6	1	2.3	2.3	4000	1008.3	+6	ESE	3	47	85	6	4	4	-	4.6	7.8	4000	1	*	bcwcy	cprrr	csbcm	cmw
12	Renfrew (Abbots L.)	1009.5	-6	SW	2	C	60	65	6	8	-	-	7.8	7.8	2500	1008.8	-2	SW	2	59	65	8	7	-	8	4.6	7.8	4000	1	*	cmccrc	cprrr	csbcm	cmw
	Eskdalemuir ...	1008.1	-6	WSW	3	C	59	55	8	8	-	-	5	9	9	2500	1008.0	0	W	1	58	65	8	5	-	7.8	7.8	4000	1	*	bcwcy	cprrr	csbcm	cmw
	Point of Ayre ...	1009.1	-2	SE	3	C	55	85	7	5	3	-	4.6	9	2500	1009.1	0	-	0	52	92	7	5	-	4	2.3	4.6	2500	0	0	C	C	ffw	cmw
13A	Tiree ...	1008.0	+2	SE	4	C	55	85	7	7	4	2	1	4.6	4000	1007.6	0	SSE	2	55	85	7	1	-	5	7	1	4000	0	2	bc	bc	cmw	cmw
13B	Stornoway ...	1008.8	+2	ESE	1	C	54	75	8	5	7	-	7.8	9	2500	1008.9	0	ESE	2	53	75	8	5	5	-	4.6	9	4000	1	1	cprrr	C	C	cmw
15	Dalwhinnie ...	1009.4	-4	-	0	C	62	45	3	5	6	-	2.3	4.6</																				

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 27th April, 1940.



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

## DISTRICTS.

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

1 S.E. England	Light southwest or variable wind; mainly cloudy, but bright periods inland with chance of local thunderstorms this afternoon; widespread fog night and morning persisting on coasts; warm and close.
2 E. England ...	
3 E. Midlands ...	Light variable or southwest wind; long bright periods, but local thunderstorms in afternoon, widespread fog tonight and in early morning; warm and close.
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Light southwest wind; persistent coast and hill fog with occasional drizzle; bright intervals inland in afternoon; mild.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light variable wind; bright periods, local thunder; local drizzle and fog on coasts; rather warm and close.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Light southeast wind; mainly cloudy, occasional slight drizzle especially in east; local fog on East Coast; average temperature.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	Fresh southeast wind; cloudy, rain at times; average temperature.
17 N.W. Ireland	As 7 - 13.
18 N.E. Ireland	
19 S.E. Ireland	As 3 - 6.
20 S.W. Ireland	

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

## GENERAL INFERENCE.

Pressure is high between Portugal and the Azores and over Central Scandinavia. A feeble trough of low pressure extending from west of Scotland to Switzerland is almost stationary. Widespread coast and hill fog will persist especially in the South and West. There will be bright periods inland but local thunderstorms are probable during the afternoon. There will be a recurrence of fog inland tonight. Local drizzle will occur especially on the western and northeast coasts.

## FURTHER OUTLOOK.

No important change.

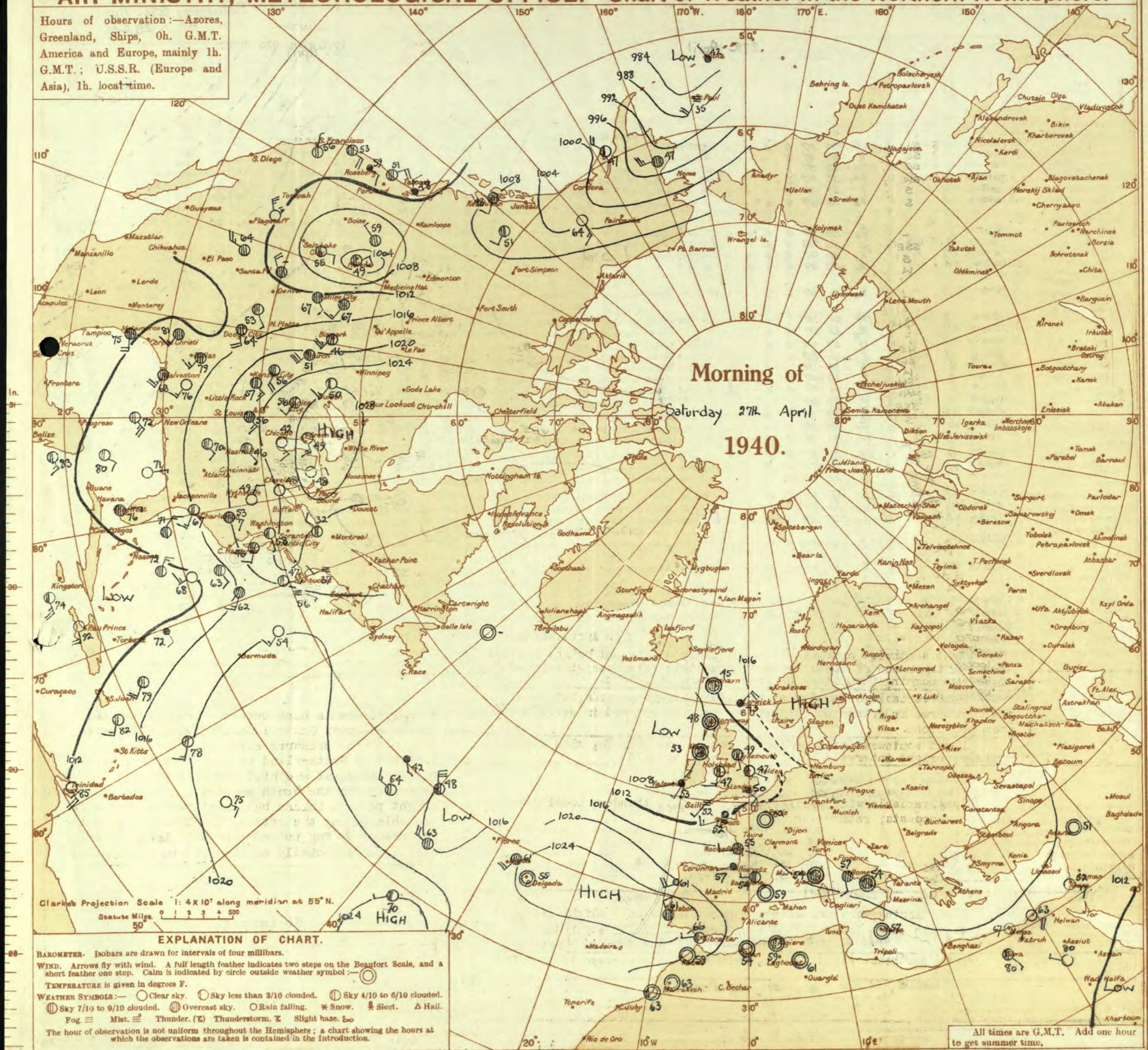
Forecasts issued at 1030 G.M.T.

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  
Saturday 27th April, 1940.  
No. 28,646

OBSERVATIONS at 1 hr. G.M.T. 27th April														OBSERVATIONS at 7 hr. G.M.T. 27th April														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 Hr.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-15h °F.	Min. Night 15h-7h °F.		Min. on Grass °F.	Day 7h-15h mm.	Night 15h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
																															0-12	0-9	0-10	0-10		0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**

BRITISH SECTION

Sunday 28th April 1940.

No. 28647

OBSERVATIONS at 13h. G.M.T. 27th April															OBSERVATIONS at 18h. G.M.T. 27th April															PAST 24 HOURS.						
DISTRICT.	STATIONS. (For heights see p. 4.)	Barom. 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					Form.	Amount. 0-10	Height of Base. (feet)	Direc.	Force. 0-12			Form.	Amount 0-10					Height of Base (feet)	7h.-13h. 27th.	13h.-18h. 27th.	18h. 28th.	1h.-7h. 28th.									
																														Low.	Med.	High	Low	Total	High	Low
1	London (Kew)...	1011.5	-6	SW	2	Zo	61	75	6	8	3	2	4-6	4-6	4000	1012.5	+12	SSE	2	Zo	60	75	6	8	3	2	4-6	4-6	1500	1	*	cm, d, be, z	bc, c, tle	ct, z, cm	cm, d, m	
	Croydon ...	1011.5	-2	-	0	c	62	75	7	3	2	-	7-8	9	4000	1012.6	+12	-	0	Zo	59	85	6	8	3	2	4-6	7-8	4000	1	*	of, m, d, be, z	cp, m, t	cm, of	of, m, m	
	S. Farnborough	1011.8	-2	SW	1	pr	60	75	7	8	7	-	7-8	9	2500	1012.2	+8	WS	2	Zo	58	85	6	3	4	3	4-6	9	2500	1	*	ol, m, cp, r	ct, m, m	cb, m, m	co, f, R, m	
	Boscombe Down	1011.8	-2	S	2	c	62	75	8	8	2	-	4-6	7-8	1500	1012.1	+2	W	2	cl, p	57	92	8	3	6	-	4-6	7-8	2500	0	*	cm	cp, t	cm	cm, f	
	Calshot (Soton.)	1012.5	+2	SE	2	Zo	56	85	6	3	3	-	2-3	9	2500	1012.3	+2	SW	2	bc, jf	53	75	8	3	4	2-3	2-3	2500	0	2	cm, m	cb, m, b, jf	f, cl, s, f, f	off, cm		
	Lympne ...	1013.3	+2	SSE	1	Zo	52	85	6	5	3	-	9	9	1500	1013.8	+6	SE, S	1	F	45	97	1	-	-	-	10	10	1500	0	\$1	of, e, f, m, m	cm, o, i, f, f	F, b, b, m, f	off	
	Manston ...	1012.4	+2	ESE	2	Zo	59	75	6	5	3	-	4-6	7-8	1500	1013.0	+10	F	2	cl, f	47	97	3	5	-	-	7-8	7-8	1500	0	*	cm, m, be, z	bc, m, m	cl, f	F, f, c	
2	Shoeburyness ...	1012.4	0	E	2	c	61	75	6	5	7	-	4-6	9	5700	1013.1	+4	ENE	2	of	48	97	3	5	-	-	10	10	1500	1	*	cm, m, c, f	cm, o, f, e, o	of, c	f, c	
	Felixstowe ...	1013.0	+6	E'S	2	if	49	92	3	5	3	-	7-8	9	1500	1013.3	+6	E, N	2	cl, f	48	97	3	5	-	-	10	10	1500	1	*	cm, m, c, f	cl, o, f, f	f, d, f, m	cm, o, i, f	
	Gorleston ...	1012.9	+2	NE'E	1	F	50	82	1	-	-	-	10	10	1500	1013.4	0	-	0	bc	50	85	6	-	7	-	0	2-3	-	0	1	cl, f	off, be, z	b, c, c, z	com	
	Mildenhall ...	1012.5	+4	S	2	cl, r	57	85	7	3	1	-	7-8	10	4000	1012.4	0	SE, S	3	bc	60	75	7	8	7	-	2-3	4-6	4000	1	*	cm, m, o, t, r	cb, c	b, c, m, f, w	b, f, m, m	
	Cranwell ...	1011.8	0	S	2	c	60	75	8	2	7	2	2-3	9	2500	1012.3	+6	ENE	1	c	67	75	8	3	9	3	9	9	1500	0	*	cm, m, c	c, y, c	c, m, w	cm, m, m	
3	Birmingham	1012.1	+2	ENE	1	r/lt	54	85	5	9	-	-	10	10	800	1011.7	+4	E	1	Zo	61	65	5	2	6	8	2-3	4-6	2500	1	*	co, t, R	pr, t, be, z	at, R	o	
	Upper Heyford	1011.6	-2	NW	1	Zo	(61)	65	6	8	3	1	4-6	4-6	1500	1012.2	+10	NE	1	lt, r	58	85	6	9	-	-	10	10	800	1	*	be, z	be, z, lt, m	cl, m, r, m, m	cm, m	
4	Ross-on-Wye ...	1011.7	0	S'E	2	cl, r	59	85	7	9	6	3	4-6	7-8	2500	1012.0	+4	W'S	2	bc	60	75	8	8	-	3	4-6	4-6	2500	1	*	cr, m, r	cb, c	t, a, c	com	
5	Hartland Point	1011.9	+6	WSW	3	f	53	97	2	-	-	-	10	10	1500	1013.1	+8	W	3	F	51	97	1	-	-	-	10	10	1500	1	2	r, F, F	f, F, F	F, F, c	d, f, c	
	Bristol ...	1011.6	-6	-	0	c	60	85	8	7	-	-	7-8	9	1500	1012.6	+12	L	2	C	59	85	8	3	7	-	4-6	7-8	1500	1	*	cl, d, r, d, o	cl, r, c	b, c, m, m, m, m, m, f, f	cm, m, m, f, f	
	Portland Bill ...	1012.4	+4	SW	2	f	50	92	3	5	-	-	10	10	1500	1012.8	+6	W	2	f	50	92	3	5	-	-	10	10	1500	1	2	off	off	off	off	
	Plymouth ...	1011.9	+2	SW	2	f	54	97	3	1	-	-	10	10	1500	1012.6	+2	W	2	bc, jf	60	75	8	2	6	3	2-3	4-6	2500	0	1	d, f, f, c, f	f, r, c, jf, b, c	f, d, c, m	cm	
	The Lizard ...	1012.5	+4	WNW	2	of	55	97	1	5	-	-	10	10	450	1013.8	+10	WNW	4	c	53	97	6	8	6	-	7-8	9	1500	1	2	f, f	f, f, c	c, y, m	c	
	Soilly (St. Mary's)	1012.3	+6	W'N	2	f	57	97	3	-	-	-	10	10	1500	1014.0	+10	NW'W	3	F+	53	97	1	-	-	-	10	10	1500	1	1	f, f, f, f, f	of, m, f, f	off, c	cb, w	
	Guernsey ...	1012.4	0	-	0	d, o, d, o	56	92	6	4	2	-	7-8	10	800	1012.8	+4	NW'N	1	Zo	52	97	6	5	-	-	9	9	450	1	2	d, o, r, r	d, o, z, z	id, F	Fid, o	
6	Pembroke ...	1012.0	+4	SSW	3	c, jf	53	97	6	8	7	-	7-8	9	450	1013.4	+6	NW'W	1	F+	51	97	1	-	-	-	10	10	1500	1	1	f, e, f, e, c	id, o	f, c	F, e, f, z	
7	Holyhead ...	1012.1	+8	NNW	1	c	52	92	7	8	-	-	9	9	2500	1012.9	+6	NW'N	1	of	48	97	3	5	-	-	10	10	1500	1	0	c, jf, e	c, f, o	b, e, f, f, o	f, d, d, m, o	
	Chester (Sealand)	1011.6	+2	W'N	3	Zo	59	85	5	2	-	1	4-6	4-6	2500	1012.8	+10	W'N	3	Zo	53	85	6	8	1	-	7-8	9	1500	0	*	cb, m, be, m	b, c, c, m, o	cm, b, c, b, c, m, w	cm, w	
8	Manchester ...	1012.4	+8	N'E	2	cl, f	56	85	3	9	7	-	7-8	10	4000	1012.8	+14	NNE	3	m	58	75	4	7	-	-	7-8	10	2500	-1	*	m, i, r, f, m, f	t, r, e, z	off, m, m	cm	
10	Spurn Head	1012.4	+2	ESE	3	c	52	85	6	5	-	-	7-8	7-8	1500	1013.7	+2	E	2	c	48	97	6	5	5	-	4-6	7-8	1500	0	2	c	c	c	off	
	Catterick ...	1012.4	+8	N'E	2	cl, f	56	85	3	9	7	-	7-8	10	4000	1013.3	+4	SE, S	2	Zo	56	85	5	8	6	-	7-8	10	4000	1	*	m, i, r, f, m, f	of, m, f, m	cm, i, m, m, m, m, m, w	cm, m, w	
	Tynemouth ...	1013.4	+6	NE	2	lg	47	97	5	-	2	-	10	10	1500	1013.9	+6	SE	2	c	46	92	6	9	-	-	9	9	2500	1	1	off, r	o, i, r, c	co, i, r	o, i, r, off	
11	St. Abbs Head	1013.0	+10	NW	2	f	43	97	2	-	-	-	10	10	1500	1014.3	+12	SSE	3	c	47	92	6	5	6	2	4-6	9	2500	1	1	r, F, F	cm, o	m, f, e	F, c	
	Leuchars ...	1013.4	+6	N	1	c	47	85	7	5	-	-	9	9	450	1013.8	+8	ENE	2	F+	44	97	2	-	-	-	10	10	1500	1	*	f, i, f, m, m, c	bc, jf, f	f, i, c, m, w	cm, m, w	
12	Renfrew (Abbots L.)	1012.7	+10	-	0	Zo	56	75	5	5	-	-	10	10	2500	1012.9	+2	NW'N	1	Zo	55	85	5	5	3	-	7-8	7-8	2500	1	*	cm, z, o	o, z, c, m, o	b, o, c, f, m	cm, m, w	
	Eskdalemuir ...	1012.4	+4	SW	1	bc, jf	60	65	8	7	7	-	4-6	4-6	2500	1012.7	+12	NW'W	1	cl	58	65	8	8	-	1	7-8	9	4000	1	*	c, f, c, b, c	c, t, p, r, c, t	cl, b, c	b, c, c, p, r	
	Point of Ayre ...	1012.4	+6	SE'E	2	if	52	85	6	5	-	-	1	1	2500	1013.2	+2	NE	1	b	52	85	8	2	-	-	7	7	2500	0	0	cb, c, i, f	i, f, b, b	b, i, f, w	F, f, c, w	
13A	Tiree ...	1011.3	+6	SE'S	3	c	55	75	7	5	3	-	2-3	9	4000	1011.6	+4	SSE	2	b	54	85	7	-	3	5	0	1	-	0	2	c	b, e, b	b, b, c	c	
13B	Stornoway ...	1011.9	+6	SE	2	b	58	85	7	2	-	3	7	1	4000	1012.5	+6	-	0	b	54	92	7	1	-	-	7	7	4000	1	0	b, c	b	b, b, c, w	c, w	
15	Dalwhinnie ...	1011.8	+2	S	5	c	60	55	7	4	6	1	4-6	9	2500	1012.7	+6	SE	4	-	59	97	8	4	8	5	4-6	7-8	4000	0	*	c	c	*	c	
	Aberdeen ...	1013.9	+6	SE'S	2	fs	45	92	6	5	7	-	7-8	10	1500	1014.7	+8	SE'S	2	fs	45	97	5	5	-	-	2-3	2-3	1500	1	2	d, o, m, c	off, i, f	b, b, c, m	off, c	
	Wick ...	1013.0	+10	SSE	3	c	46	85	7	5	7	-	7-8	9	450	1013.8	+6	SE	2	bc	45	97	6	5	6	-	2-3	4-6	2500	1	2	c	f, b, c	b, e, f, f	F, f, c	
16	Lerwick...	1014.8	+6	SSE	6	cl, r	44	97	6	6	2	-	4-6	10	450	1015.4	+4	S	6	c, r	43	97	5	6	2	-	7-8	10	450	1	*	c, r, r, c	i, r, c	o, d, d, f, e, w	of, e, m	
17	Blacksod Point..	1010.3	+8	S	1	id	55	97	7	6	-	-	10	10	1500	1011.4	+10	SW	1	c	54	97	7	6	-	-	10	10	1500	0	1	id	o	c, b, c	b, c	
18	Malin Head ...	1020.6	+6	S	2	ro, r	50	97	7	8	-	-	7-8	7-8	4000	1011.5	+2	NE	1	cl, pr	51	92	8	8	-	-	7-8	7-8	5700	0	0	cp, r, pr, c	cp, r, c, r, c	c	cp, r, c	
	Aldergrove ...	1011.3	+6	SE'E	3	c	57	85	7	8	3	-	9	9	1500	1011.8	+4	SE	2	bc	60	75	7	2	3	-	2-3	2-3	2500	1	*	m, o, c	c, b, c	b, c, m	b, c, m, m	
19	Birr Castle ...	1010.5	+4	SW	1	c	66	65	8	4	-	4	7-8	7-8	1500	1011.7	+10	WSW	1	bc	62	65	8	8	-	-	4	4	4-6	1	*	c	c, b, c	c	c	
20	Valentia Obsy. †	1012.2	+10	W	3	c	56	92	7	5	-	-	9	9	800	1013.6	+6	W	3	bc	56	85	8	2	-	-	2	3	4-6	1500	0	1	id, o, d, d, m	cm, b, c	b, e, c, w	b, o, w, b, c
	Roches Point ...	1011.7	+8	S	2	c	56	92	8	3	3	3	4-6																							

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 200-1100 yds.  
 F, thick fog, " less than 220 yds.  
 fa, low fog over sea (coast station).  
 fg, low fog over land (inland station).  
 m, mist, visibility 1100-2200 yds.  
 h, hail. i, intermittent.  
 jf, fog at a distance, but not at station.  
 jp, precipitation within sight of station.  
 ks, storm of drifting snow.  
 k/a, slight storm of drifting snow (generally low).  
 k/S, heavy storm of drifting snow (generally low).  
 s<sub>o</sub>/k, slight storm of drifting snow (generally high).  
 S/k, heavy storm of drifting snow (generally high).  
 KQ, line squall. l, lightning.  
 o, overcast sky. p, passing showers.

q, squalls. r, rain. s, snow.  
re, 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<sub>o</sub>, slight rain.  
rr, continuous rain.  
◁, less than (for cloud height). ↗gale.  
☉ Solar halo. ☾ lunar halo. ☀Aurora.  
With present weather is combined,  
whenever possible, the general  
character of the weather.  
A "solidus" divides actual exist-  
ing weather from preceding con-  
ditions thus: —bc/r, fair weather  
after rain; —, has decreased;  
+, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD

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

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 13, 27. The figures in these columns indicate the total amount of all forms of cloud.

An entry "4-6" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries. "tr" signifies a small amount of cloud (trace) covering less than 1/20 of the sky. "9+" signifies an overcast sky with a few small openings.

‡ Sea disturbance reported from Dungeness.

COLUMNS 10, 24.—FORM OF MEDIUM CLOUD.

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

Cloud form abbreviations:—

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

COLUMN 29 — STATE OF GROUND

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

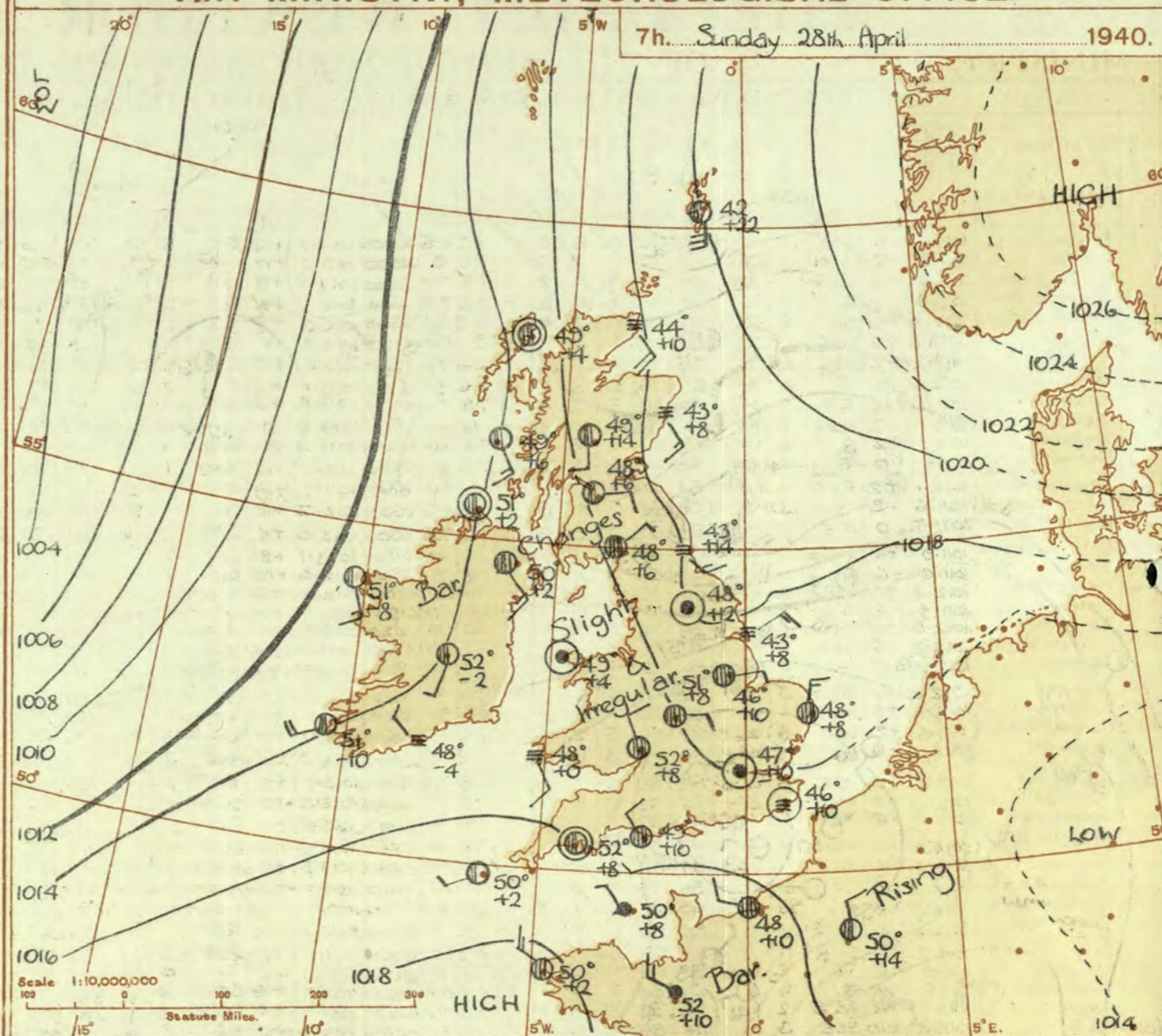
COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 28th April 1940.



## DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 28th April, 1940.

1 S.E. England	Wind S.E. or variable light; coastal fog and much hill fog, with occasional rain or drizzle; chance of thunderstorms in the West this evening, with fog developing there to-night; rather cold on coast; mild inland.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	AS - 9.
6 South Wales ...	Wind W. to S.W. light to moderate; considerable bright periods and occasional rain; local coast fog; mild.
7 North Wales ...	Wind variable or southerly light to moderate; much hill fog with occasional rain; perhaps local thunderstorms this evening; fog developing in many districts to-night; mild.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind S.E. moderate to fresh; much coastal and hill fog, with occasional rain or drizzle; rather cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind S. moderate, increasing slowly; much hill fog and occasional rain; mild.
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	Wind S.E. to S. fresh, strong locally; much coastal and hill fog with occasional drizzle; rather cold.
16 Orkneys. and Shetlands	
17 N.W. Ireland	Wind S.W. to S. moderate, increasing to fresh or strong; considerable bright periods and occasional rain; local coastal fog in the South; 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 Scandinavia and to the southwest of the British Isles, and weak troughs of low pressure over the British Isles are filling up. Rather widespread fog and occasional drizzle will persist along the east coast of England and Scotland. There will be much hill fog in many western districts, with occasional rain or drizzle and perhaps local thunderstorms this evening. There will be bright intervals and occasional rain in Ireland and S.W. England. Fog will be less prevalent off the southwest coasts. Temperatures will be rather low on the East coast.

## FURTHER OUTLOOK.

Unsettled, with occasional rain in the West; improving conditions elsewhere.

Forecasts issued at

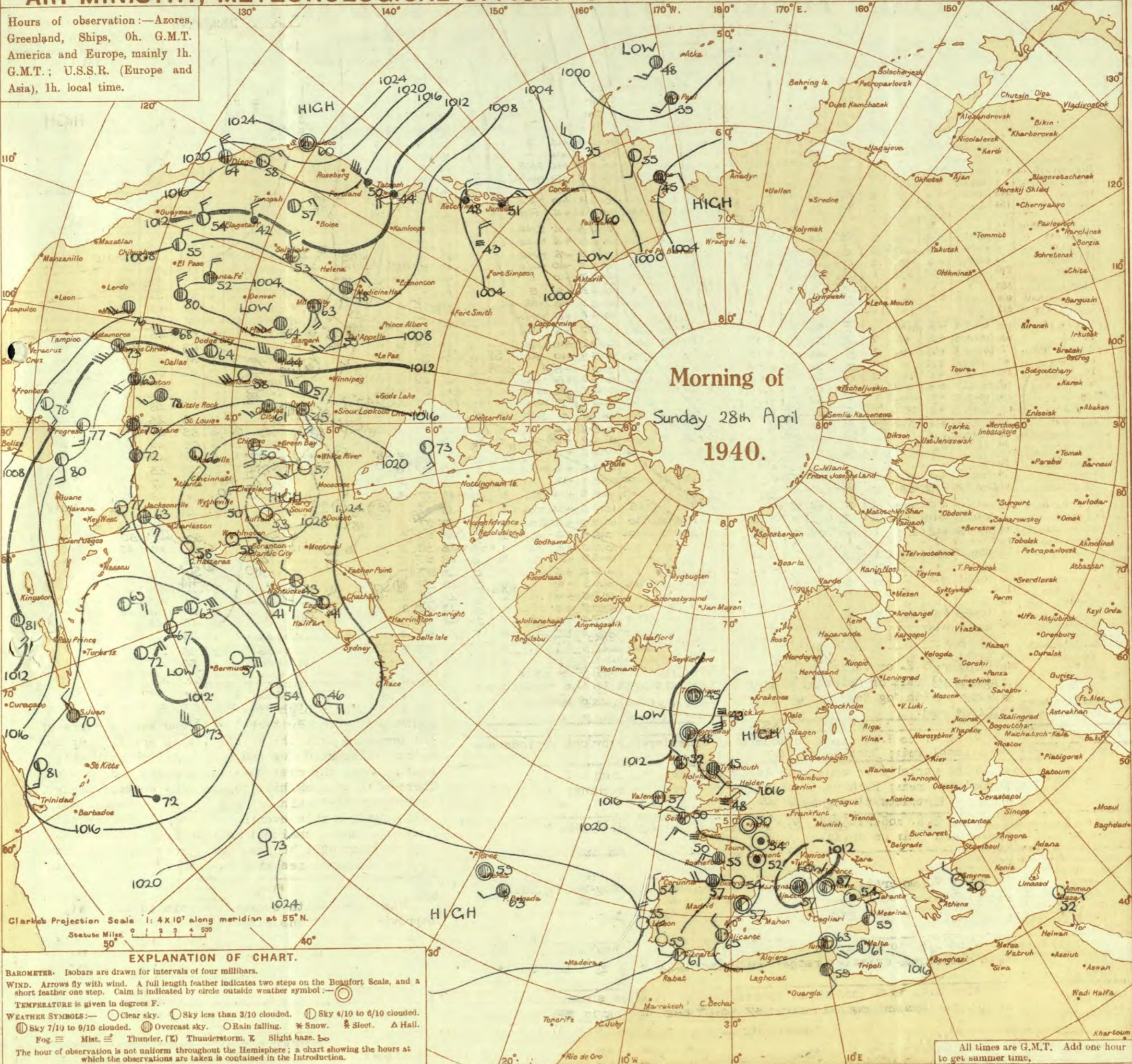
1100 G.M.T.

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

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

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Sunday 28th April 1940.  
 No. 28,647.

OBSERVATIONS at 1 hr. G.M.T. 28th April														OBSERVATIONS at 7 hr. G.M.T. 28th April														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.				Barom. at M.S.L. (29)	Change in 3 hours. (30)	TEMPERATURE.		RAINFALL.		Sun-shine 27th Hrs. (36)								
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Form. (23)			Amount. (24)	Height of Base. (feet) (25)					State of Ground. 0-9 (29)	Sea. 0-9 (30)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)			Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)										
1	London (Kew) ...	18	1014.3	+4	N.E.	1	48	97	2	*	*	*	10	10	1016.3	+4	E	1	49	92	4	5	-	-	10	10	1016.3	+4	66	49	43	-	2	5.5							
	Croydon ...	217	1014.3	+4	N.E.	1	48	97	2	*	*	*	10	10	1016.1	+10	E	1	47	97	4	5	-	-	10	10	1016.1	+10	63	46	43	0.5	Tr	1.2							
	S. Farnborough ...	226	1014.4	+6	N.E.	1	52	92	6	5	-	-	10	10	1015.6	+10	E	1	50	97	3	5	-	-	10	10	1015.6	+10	61	49	41	0.1	Tr	0.3							
	Boscombe Down ...	417	1014.5	+6	N.E.	1	51	97	6	5	-	-	10	10	1015.8	+10	N.W.	2	50	97	3	5	-	-	10	10	1015.8	+10	63	49	48	Tr	Tr	2.3							
	Calshot (Stamtn.) ...	8	1014.5	+4	N.W.	1	50	97	2	-	-	-	10	10	1015.5	+10	E	2	51	97	5	5	-	-	10	10	1015.5	+10	62	48	48	-	Tr	6.8							
	Lympe ...	346	1015.2	+6	N.E.	1	48	97	3	-	-	-	10	10	1016.3	+10	N.E.	2	46	97	2	-	-	-	10	10	1016.3	+10	51	40	36	-	0.1	4.2							
	Manston ...	154	1015.1	+2	N	2	45	97	1	-	-	-	10	10	1016.1	+6	N.E.	2	46	97	1	-	-	-	10	10	1016.1	+6	60	44	44	-	Tr	5.6							
2	Shoeburyness ...	11	*	*	*	*	*	*	*	*	*	*	*	*	1016.3	+4	E	2	47	97	3	-	-	-	10	10	1016.3	+4	61	44	47	-	-	2.3							
	Felixstowe ...	15	1015.3	+4	N.E.	2	48	97	5	5	-	-	9+	9+	1016.3	+4	N.E.	2	45	97	4	5	-	-	10	10	1016.3	+4	50	44	44	Tr	-	1.4							
	Gorleston ...	5	1015.2	+4	N.E.	3	47	83	6	5	-	-	78	78	1016.5	+8	N.E.	3	48	92	4	5	-	-	10	10	1016.5	+8	53	43	42	-	-	5.5							
	Mildenhall ...	19	1015.5	+6	N.E.	2	45	97	3	5	-	-	9	9	1016.6	+10	N.E.	2	45	97	5	5	-	-	10	10	1016.6	+10	64	40	40	2	Tr	2.5							
	Cranwell ...	240	1015.3	+12	E.S.	1	46	97	5	5	-	-	10	10	1016.7	+10	E	1	46	97	5	5	-	-	10	10	1016.7	+10	66	44	43	-	-	2.4							
3	Birmingham ...	535	*	*	*	*	*	*	*	*	*	*	*	*	1016.5	+8	E	2	51	97	5	6	-	-	10	10	1016.5	+8	64	51	48	10	21	1.7							
	Upper Heyford ...	408	1014.6	+2	-	0	52	97	6	5	-	-	10	10	1016.1	+10	N.E.	2	50	92	4	5	7	-	4.6	10	1016.1	+10	62	49	45	1	6	*							
4	Ross-on-Wye ...	223	*	*	*	*	*	*	*	*	*	*	*	*	1015.8	+8	N.W.	2	52	92	6	5	-	-	10	10	1015.8	+8	64	51	48	2	-	2.0							
5	Hartland Point ...	299	1015.4	+6	N.W.	1	50	97	1	-	-	-	10	10	1015.7	+4	S.W.	3	49	97	1	-	-	-	10	10	1015.7	+4	53	48	48	0.6	0.5	0.1							
	Bristol ...	209	1014.8	+6	N	2	50	97	5	5	-	-	9+	9+	1016.2	+10	N	1	51	97	4	5	-	-	10	10	1016.2	+10	63	48	44	2	Tr	1.4							
	Portland Bill ...	32	1015.5	+10	N.W.	2	46	92	3	5	-	-	10	10	1015.8	+10	N.W.	2	49	92	6	5	-	-	10	10	1015.8	+10	51	45	*	-	-	*							
	Plymouth ...	82	1015.6	+6	N	2	54	88	6	5	1	-	78	10	1016.5	+8	N	2	52	92	7	5	7	-	78	9+	1016.5	+8	60	51	50	0.3	-	3.3							
	The Lizard ...	240	1016.7	+6	N.W.	2	50	97	4	5	-	-	10	10	1017.3	+8	N.W.	2	50	92	8	8	2	-	78	9+	1017.3	+8	57	48	*	Tr	1	0.9							
	Seilly (St. Mary's) ...	163	1016.7	+8	N.W.	2	50	97	7	5	-	-	10	10	1016.8	+2	S.W.	1	50	97	7	5	-	-	2.3	2.3	1016.8	+2	57	48	*	Tr	0.3	0.0							
	Guernsey ...	175	1015.2	+8	N.W.	1	49	97	1	-	-	-	10	10	1016.2	+8	N.W.	1	50	97	4	5	-	-	10	10	1016.2	+8	57	48	48	0.3	-	0.0							
6	Pembroke ...	142	1015.2	+8	S.E.	1	46	97	1	-	-	-	10	10	1015.3	0	SSE	2	48	97	1	-	-	-	10	10	1015.3	0	65	45	*	-	0.4	0.0							
7	Holyhead ...	26	1014.8	+4	S.W.	2	49	97	2	-	-	-	10	10	1016.4	+4	-	0	49	97	4	5	-	-	10	10	1016.4	+4	55	46	45	-	-	1.5							
	Chester (Sealand) ...	16	1015.4	+6	-	0	49	97	4	5	-	-	10	10	1016.7	+10	-	0	49	92	5	5	-	-	10	10	1016.7	+10	61	42	43	-	-	0.0							
8	Manchester ...	70	1015.1	+6	N.E.	2	51	92	5	5	-	-	2.3	2.3	1016.5	+8	N.E.	3	51	92	5	5	-	-	9+	9+	1016.5	+8	61	49	42	Tr	-	0.1							
10	Spurn Head ...	29	1016.4	+8	S.E.	1	51	92	5	5	-	-	10	10	1017.8	+8	N.E.	3	43	97	2	-	-	-	10	10	1017.8	+8	55	43	*	-	-	0.8							
	Catterick ...	175	1016.4	+8	S.E.	1	51	92	5	5	-	-	10	10	1018.1	+12	-	0	48	97	6	5	-	-	10	10	1018.1	+12	59	47	43	-	Tr	0.9							
	Tynemouth ...	108	1017.4	+12	S.E.	2	45	97	6	-	2	-	10	10	1018.6	+14	S.E.	3	43	97	3	5	-	-	10	10	1018.6	+14	50	43	42	3	1	*							
11	St. Abbs Head ...	280	1016.0	+6	SSE	4	44	97	1	-	-	-	10	10	1017.5	+14	S.E.	4	43	97	1	-	-	-	10	10	1017.5	+14	48	41	*	Tr	-	1.4							
	Leuchars ...	36	1016.7	+10	N.E.	2	45	97	5	5	-	-	10	10	1018.2	+10	N.E.	3	45	97	2	-	-	-	10	10	1018.2	+10	50	42	36	-	-	0.1							
12	Renfrew (Abbots I.) ...	19	1015.6	+12	E.N.	1	48	92	4	5	-	-	9+	9+	1016.8	+6	E	2	48	92	5	5	-	-	9	10	1016.8	+6	59	47	39	-	-	0.1							
	Eskdalemuir ...	794	1015.6	+12	E.N.	1	48	92	4	5	-	-	9+	9+	1017.0	+6	N.E.	1	48	92	6	5	-	-	10	10	1017.0	+6	64	46	42	2	Tr	3.9							
	Point of Ayre ...	30	1015.2	+14	N.E.	1	44	97	3	-	-	-	0	0	1015.9	-2	S.E.	3	48	97	6	-	-	-	4	0	1015.9	-2	55	43	*	-	-	5.6							
13A	Tiree ...	22	1014.1	+4	-	0	48	97	7	5	2	-	4.6	10	1014.5	+4	-	0	49	97	6	5	5	-	78	9+	1014.5	+4	58	48	*	-	-	7.0							
13B	Stormcay ...	80	1014.1	+4	-	0	48	97	7	5	2	-	4.6	10	1014.5	+4	-	0	49	97	6	5	5	-	78	9+	1014.5	+4	58	48	*	-	-	12.1							
15	Dalwhinnie ...	1176	*	*	*	*	*	*	*	*	*	*	*	*	1017.6	+4	S	2	49	88	5	4	3	-	4.6	10	1017.6	+4	63	48	43	-	-	6.9							
	Aberdeen ...	79	1016.3</																																						

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.SECRET  
BRITISH SECTION  
Monday 29th April 1940.  
No. 28,648

OBSERVATIONS at 13h. G.M.T. 28th April

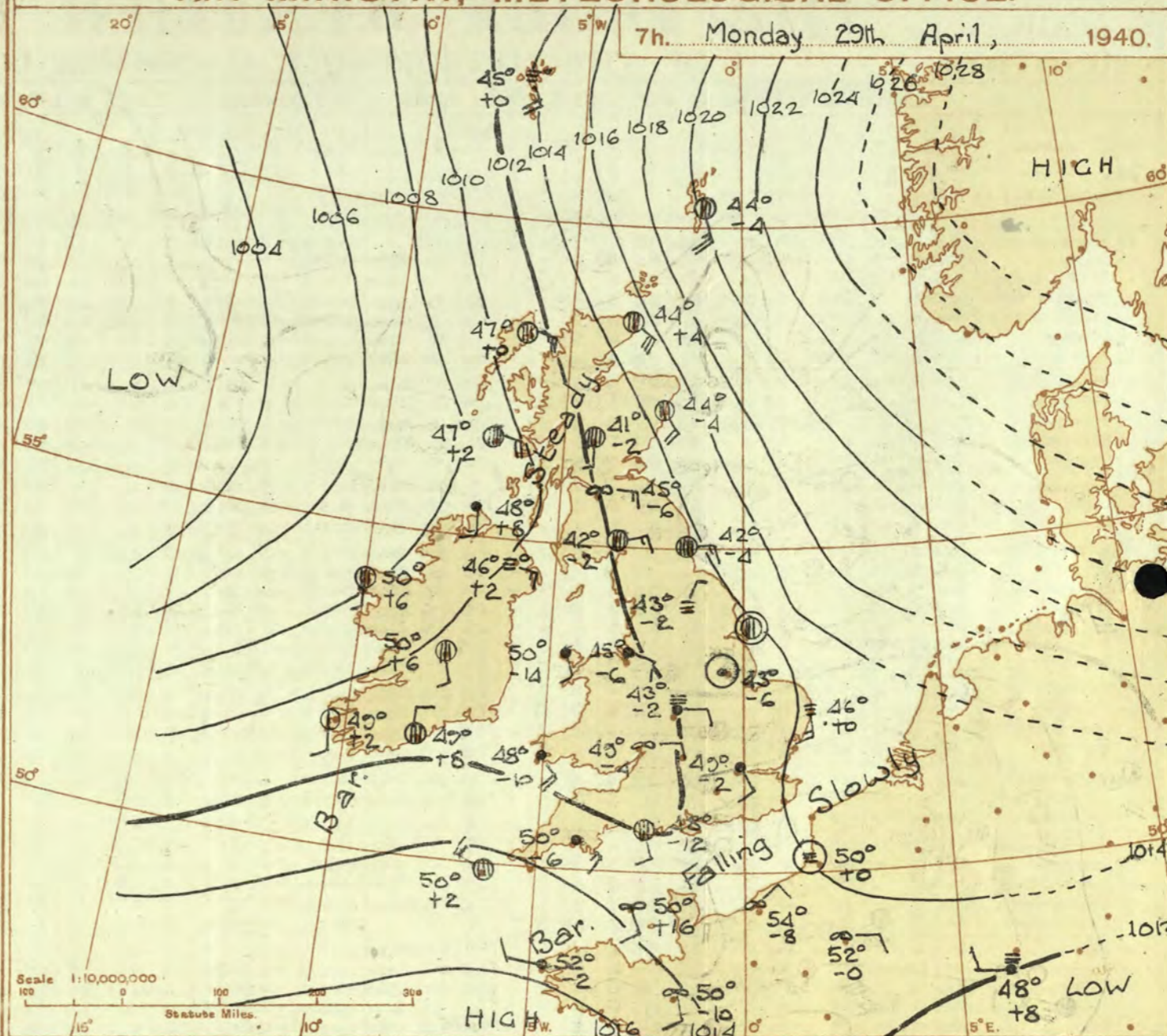
OBSERVATIONS at 18h. G.M.T. 28th April

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)	Sea. 0-9 (31)	WEATHER.										
				Direc. (3)	Force. (4)					Form.	Amount. (10-11)	Height of Base. (feet) (12-13)	Direc. (17)			Force (18)	Form.					Amount (23-24)	Height of Base (feet) (25-26)	7h.—18h. 28th (37)	13h.—18h. 28th (38)				18h.— 29th (39)	1h.—7h. 29th (40)									
																															Low.	Med.	High	Low	Med.	High	Low	Med.	High
1	London (Kew)...	1016.3	-4	SE/E	2	m	56	75	4	-	-	7	0	10	-	1014.9	-8	WSW	1	m	57	85	4	5	-	-	10	10	1500	1	*	odcm	cm	cmo	odcm				
	Croydon ...	1016.3	-2	ENE	1	z	53	85	5	-	-	-	10	10	800	1015.0	-6	S	1	pr	55	85	6	5	3	-	7-8	9+	4000	1	*	odofrm	cm	cmo	odofrm				
	S. Farnborough	1015.3	-12	SE	1	ir	55	85	5	-	-	-	10	10	1500	1014.8	-12	SE/E	1	z	56	85	6	8	3	-	2-3	7-8	2500	1	*	fmmora	cm	cmo	fmmora				
	Boscombe Down	1015.7	0	SSE	2	z	55	92	5	-	-	-	10	10	800	1014.7	-4	SSE	2	z	55	92	5	5	-	-	10	10	1500	0	*	cmof	cm	cmo	cmof				
	Calshot (Soton.)	1016.3	0	SE/E	2	z	51	85	5	-	-	-	10	10	1500	1015.4	-6	SE/E	2	z	50	97	5	5	-	-	10	10	800	0	2	cmof	cm	cmo	cmof				
	Lympe ...	1017.3	+2	N/W	1	m	48	97	4	5	-	-	10	10	450	1016.4	-2	SE/E	2	f	45	97	2	-	-	-	10	10	450	1	80	fefcom	cm	cmo	fefcom				
	Manston ...	1016.9	-2	N/E	2	ir	46	52	5	-	-	-	10	10	450	1016.1	-6	ENE	2	m	45	92	4	5	-	-	10	10	450	0	*	fefir	cm	cmo	fefir				
2	Shoeburyness ...	1016.5	+4	ENE	2	c	53	97	6	7	-	-	9+	9+	1500	1016.1	-4	E/S	1	m	47	97	4	5	-	-	10	10	1500	1	*	odcm	cm	cmo	odcm				
	Felixstowe ...	1016.7	0	E/N	3	z	50	85	5	3	-	-	4-6	9	1500	1015.7	-6	NE/E	3	m	47	97	4	5	-	-	7-8	7-8	220	1	1	omcm	cm	cmo	omcm				
	Gorleston ...	1016.9	0	N/E	3	off	47	75	3	5	-	-	10	10	1500	1015.9	-6	N	2	c	47	85	7	5	-	-	9+	9+	2500	0	2	cmzof	cm	cmo	cmzof				
	Mildenhall ...	1016.6	-8	N	2	c	55	75	7	5	-	-	9	9	2500	1015.7	-6	NE/N	2	z	49	92	6	5	-	-	2-3	2-3	2500	1	*	cmzwc	cm	cmo	cmzwc				
	Cranwell ...	1017.5	0	NE	2	z	48	85	7	5	-	-	10	10	450	1016.9	-2	NE	2	z	44	97	6	5	-	-	10	10	220	0	*	cmo	cm	cmo	cmo				
3	Birmingham	1016.6	-2	ESE	2	c	54	75	6	5	3	-	9	9+	4000	1014.7	-8	ESE	2	z	57	65	6	7	4	-	2-3	4-6	800	1	*	ofrc	cm	cmo	ofrc				
4	Upper Heyford	1016.2	-2	NE	2	z	57	75	6	5	-	-	9+	9+	4000	1015.1	-4	ENE	2	ir	57	75	6	5	7	-	7-8	10	2500	1	*	cmcm	cm	cmo	cmcm				
	Ross-on-Wye ...	1015.8	-4	E/S	2	z	56	85	6	6	1	-	9	10	800	1014.1	-4	S/E	2	z	57	85	6	8	-	-	10	10	2500	1	*	omcm	cm	cmo	omcm				
5	Hartland Point	1015.8	-4	W	3	bc	50	97	8	5	4	-	4-6	4-6	1600	1014.4	-8	WSW	3	c	51	55	8	5	-	-	9	9	2500	0	2	focbc	cm	cmo	focbc				
	Bristol ...	1016.3	-2	W	2	z	53	92	5	5	-	-	10	10	800	1014.6	-8	W	2	z	51	85	7	2	7	-	2-3	4-6	4000	1	*	cmmo	cm	cmo	cmmo				
	Portland Bill ...	1016.2	+4	W	2	z	49	92	7	5	-	-	10	10	2500	1014.5	-12	SW	2	z	49	92	7	5	-	-	10	10	2500	1	2	o	cm	cmo	o				
	Plymouth ...	1016.2	-6	SW/S	3	bc	55	85	8	8	4	-	4-6	4-6	4000	1015.0	-4	SW/W	4	bc	53	85	8	2	7	-	2-3	4-6	2500	0	2	cmobc	cm	cmo	cmobc				
	The Lizard ...	1017.1	+6	SSW	2	bc	56	75	8	8	6	-	4-6	4-6	2500	1015.4	-8	S	4	c	52	92	8	8	2	-	9	10	2500	0	2	bc	cm	cmo	bc				
	Scilly (St. Mary's)	1016.2	-8	SSW	3	c	56	85	8	8	3	-	2-3	9	2500	1013.7	-16	S	3	cjp	52	97	7	8	7	-	7-8	10	1500	1	2	bcc	cm	cmo	bcc				
	Guernsey ...	1016.8	-2	NW	1	c	54	85	7	8	-	-	9+	9+	1500	1015.7	-4	WNW	1	c	51	85	7	4	2	-	7-8	10	1500	1	2	odcm	cm	cmo	odcm				
6	Pembroke ...	1015.7	0	SW	2	bc	51	97	7	2	7	-	2-3	4-6	2500	1014.2	-10	SW	2	bc	50	97	7	5	6	1	2-3	4-6	2500	1	1	ifbc	cm	cmo	ifbc				
7	Holyhead ...	1014.9	-4	SSW	3	c	53	92	6	7	3	-	7-8	9+	1500	1013.6	-6	SSW	3	c/f	50	85	7	5	3	-	7-8	9+	2500	1	2	fcdm	cm	cmo	fcdm				
	Chester (Sealand)	1016.2	-4	SE	3	z	59	75	6	2	3	-	7-8	9+	2500	1014.2	-12	ESE	2	z	59	75	6	5	-	-	9+	9+	4000	0	*	cmzwmf	cm	cmo	cmzwmf				
8	Manchester ...	1016.3	-6	SE/E	3	z	61	55	6	7	3	-	7-8	7-8	4000	1015.0	-6	E/S	3	z	58	65	5	1	-	-	1	1	4000	1	*	mfmzo	cm	cmo	mfmzo				
10	Spurn Head ...	1018.2	0	NE	3	om	45	92	4	5	-	-	10	10	1500	1017.0	-2	NE	2	id	43	97	6	5	-	-	10	10	800	1	2	fmo	cm	cmo	fmo				
	Catterick ...	1017.7	-10	ESE	1	z	57	75	6	5	-	-	7-8	7-8	4000	1017.5	+2	N/E	2	df	44	97	3	5	-	-	10	10	450	1	*	ibofzo	cm	cmo	ibofzo				
	Tynemouth ...	1019.5	-4	SE	3	0	44	97	6	5	-	-	10	10	1500	1019.2	-2	ESE	3	0	43	97	6	5	-	-	10	10	1500	1	2	offo	cm	cmo	offo				
11	St. Abbs Head	1018.6	0	SE	4	F	42	97	1	-	-	-	10	10	450	1018.4	-4	SE	4	dodo	42	92	5	5	-	-	10	10	800	1	2	fbc	cm	cmo	fbc				
	Leuchars ...	1019.3	+4	E	4	off	45	92	5	5	-	-	10	10	220	1018.6	-4	E	3	id	43	97	7	5	-	-	10	10	450	1	*	ofjmo	cm	cmo	ofjmo				
12	Renfrew (Abbots L.)	1016.4	-6	ENE	3	z	55	85	5	5	-	-	9+	9+	1500	1015.6	+2	E	4	c/r	48	85	5	7	-	-	7-8	9+	1500	1	*	wcmo	cm	cmo	wcmo				
	Eskdalemuir ...	1016.2	-4	SE	4	c	57	65	7	8	-	-	7-8	7-8	2500	1015.6	-6	E	4	c	52	75	7	8	-	-	9	9	2500	1	*	cbc	cm	cmo	cbc				
	Point of Ayre ...	1015.7	-2	SSE	3	c	54	85	6	-	3	7	0	10	-	1014.1	-2	SSE	3	c	50	92	6	5	3	-	4-6	9	2500	0	1	cz	cm	cmo	cz				
13A	Tiree ...	1013.6	-4	SE/E	4	c	55	85	6	5	-	-	9+	9+	1500	1011.6	-6	SE/E	4	bc	55	85	6	5	-	-	4-6	4-6	2500	0	3	cc	cm	cmo	cc				
13B	Stornoway ...	1014.9	-2	SE	2	bc	55	85	6	5	-	-	4-6	4-6	4000	1014.4	-6	ESE	1	c	55	85	6	5	7	-	7-8	9+	2500	1	1	cbe	cm	cmo	cbe				
15	Dalwhinnie ...	1016.5	0	SSE	6	c	63	7																															

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 29th April, 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 29th April, 1940.
1 S.E. England	Wind southeast, light to moderate; dull, with occasional rain or drizzle and much hill fog; fog will persist on East and Southeast coast, and fog will develop locally in the west tonight; rather cold, especially in the east.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Wind variable light; dull with occasional rain or drizzle and much hill fog; improving slowly in the west; rather cold to average temperature.
6 South Wales ...	
7 North Wales ...	Wind east to southeast moderate; dull, with occasional rain or drizzle and local fog, especially in the east; rather cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Wind southeast moderate; cloudy, with local drizzle and fog on coast; rather cold to average temperature.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Wind southeast fresh; cloudy; rather cold.
13 { A.W.Scotld. B.N.W.Scot- land.	
14 Mid Scotland	Wind southerly, light to moderate; cloudy, with some bright intervals and occasional rain; average temperature.
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.

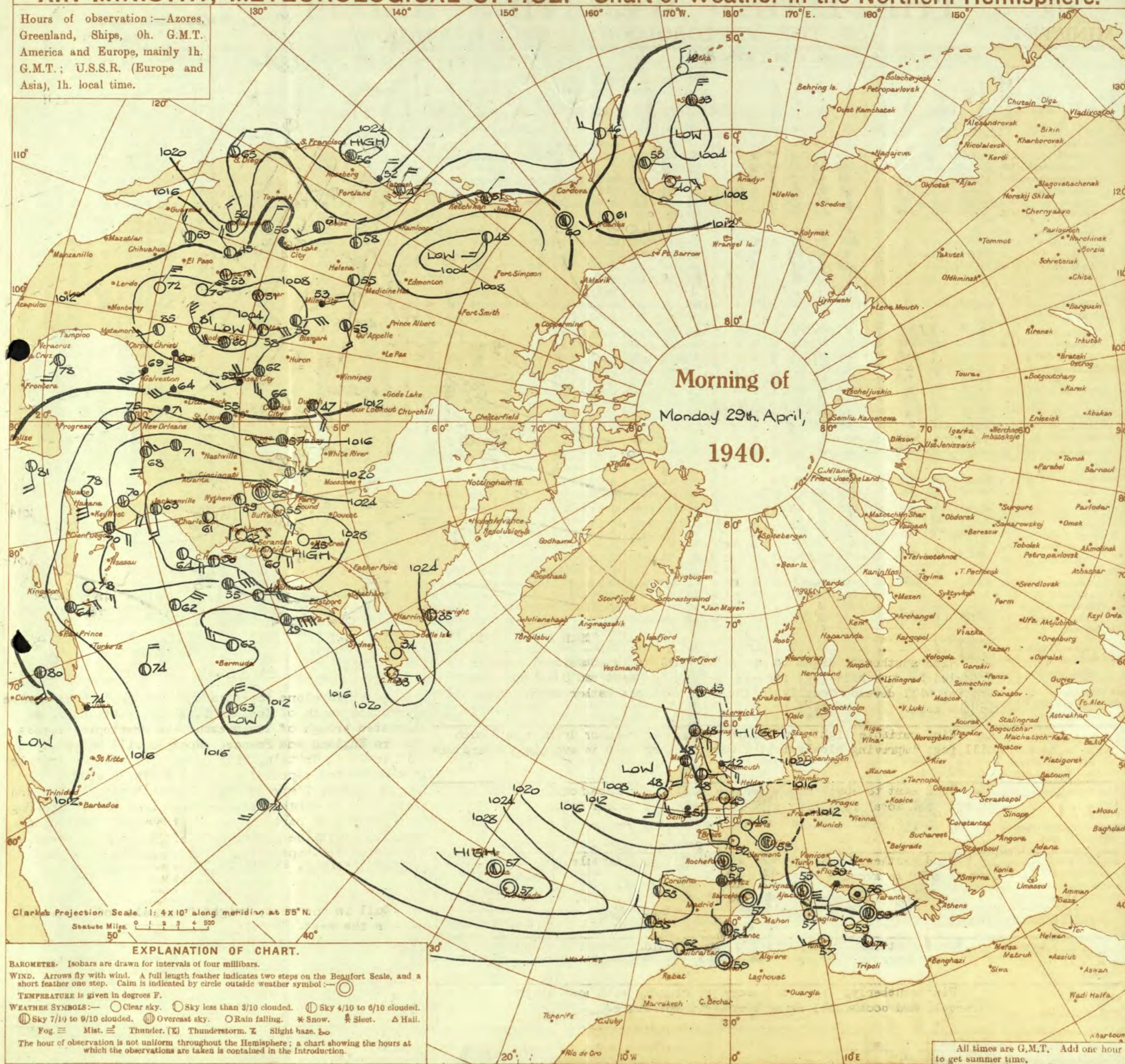
**GENERAL INFERENCE.**  
An anticyclone covers Scandinavia and an extensive depression south of Iceland is almost stationary. An elongated trough of low pressure is developing across Western England and France. Weather will be mainly dull in Great Britain, with occasional rain or drizzle in many parts, especially in the south. A slow improvement will spread over the Southwest. In Ireland there will be bright intervals and occasional rain. Fog will persist on parts of the East and Southeast coast. Conditions will be rather cold along the East coast, and elsewhere temperatures will be rather below the seasonal average, except in Ireland.

**FURTHER OUTLOOK.**  
Dull in the east; bright intervals and occasional rain in the west.

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

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

Hours of observation:—Azores, Greenland, Ships, 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, 29th April, 1940.

No 28,648

OBSERVATIONS at 1 hr. G.M.T. 29th April														OBSERVATIONS at 7 hr. G.M.T. 29th April														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.				Sea.	TEMPERATURE.			RAINFALL.			SUNSHINE Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
					Direc.	Force.					Form.	Amount.	Height of Base. (feet)	Direc.			Force.	Form.					Amount.	Height of Base. (feet)	State of Ground.	0-9		Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
																																	0-12		0-10	0-10	0-10	0-10	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9

med

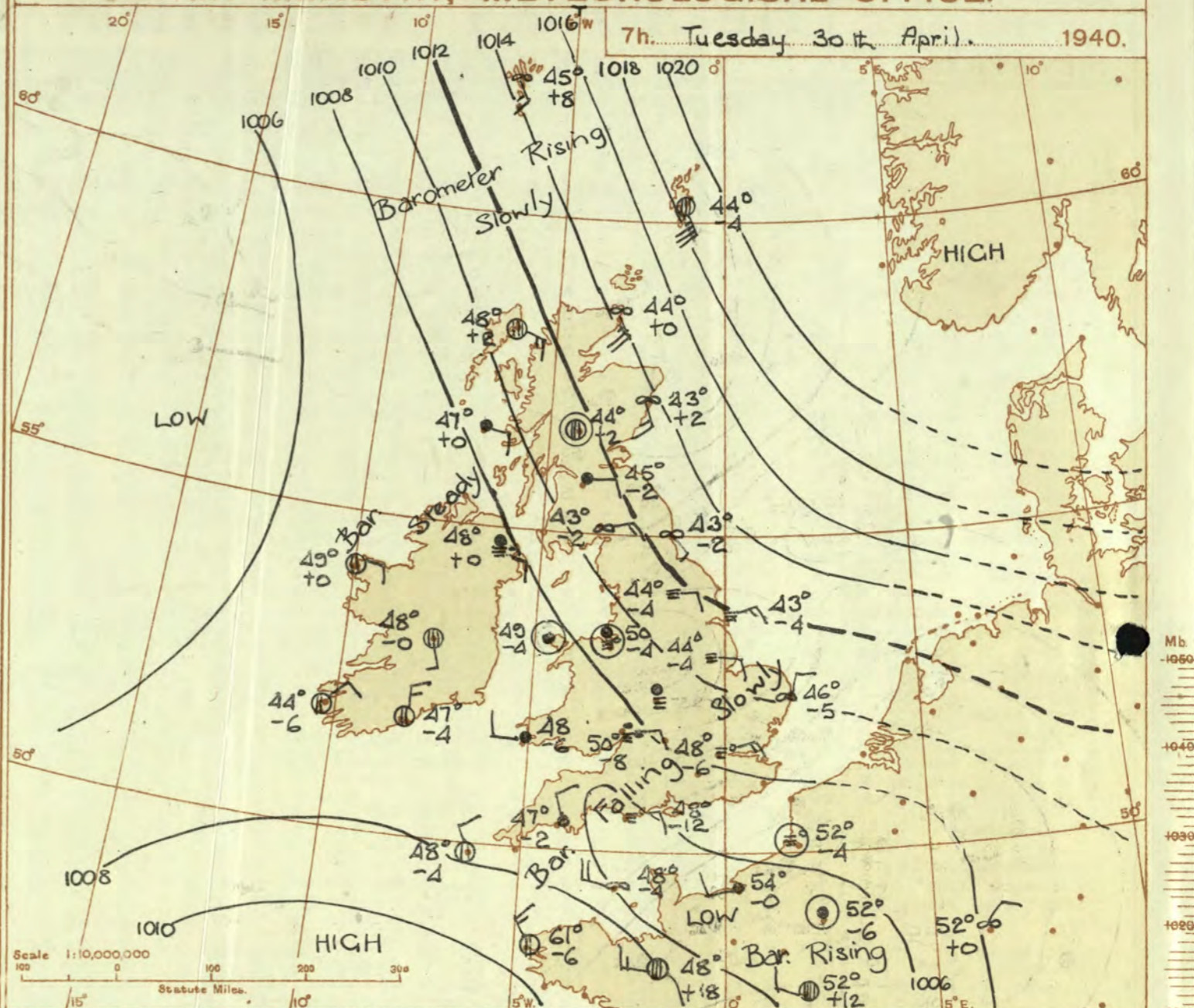
COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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. Tuesday 30th April. 1940.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 30th April, 1940.
1 S.E. England	Light or moderate east wind; much cloud but bright intervals; occasional local rain and perhaps thunder; local fog night and early morning; average temperature inland, cool on East Coast.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light variable wind; mainly cloudy, local rain and perhaps thunder; average temperature.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Light or moderate southeast wind; cloudy; local rain, improving; average temperature.
9 N. Midlands ...	
10 N.E. England	Light or moderate east or southeast wind; cloudy, local drizzle and fog especially at first; rather cool.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W.Scotld. B.N.W.Scotland.	As 8 - 9.
14 Mid Scotland	
15 N. E. Scotland	Fresh or strong southeast wind; dull, local drizzle and perhaps fog; rather cool.
16 Orkneys and Shetlands	
17 N. W. Ireland	Light variable wind; bright periods; local thundery showers; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	As 5 - 7.
20 S. W. Ireland	As 17.

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

## GENERAL INFERENCE.

Pressure is high over the Baltic and rather high from the Azores to Portugal, while a trough of low pressure extends from Ireland to France. Weather will be mainly cloudy with local rain or drizzle, and perhaps thunder in the South.

## FURTHER OUTLOOK.

Little change.

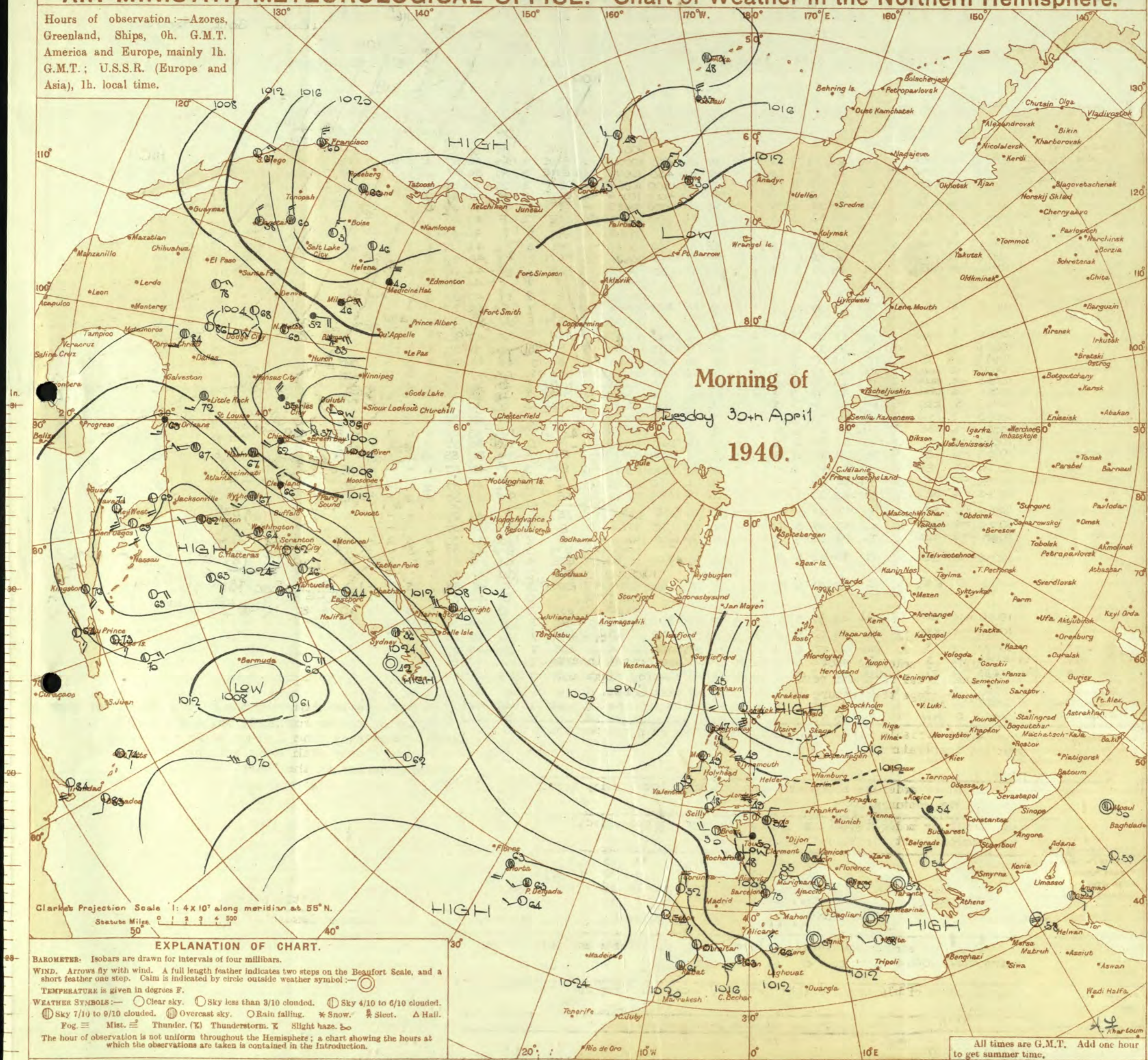
Gale warning issued at 1930 on 29/4/40 in Shetland area.

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

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

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 30th April															OBSERVATIONS at 7 hr. G.M.T. 30th April															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.		SUNSHINE 24 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	0-9		0-10	0-10	0-10	0-9	0-9	0-9
1	London (Kew)	18	1009.4	-10	NEE	2	m	49	92	4	5	-	-	10	10	450	1008.8	-4	ENE	3	m	50	85	4	5	-	10	10	1500	1	59	49	48	-	1.4				
	Croydon	217	1009.4	-10	NEE	2	m	49	92	4	5	-	-	10	10	450	1007.8	-6	ENE	3	m	48	97	4	5	-	10	10	450	1	60	47	47	Tr	2.7				
	S. Farnborough	226	1009.1	-8	ENE	3	m	49	97	4	5	-	-	10	10	450	1007.1	-10	ENE	3	m	50	97	4	5	-	10	10	450	1	58	48	43	Tr	1.2				
	Boscombe Down	417	1008.3	-12	EN	2	id.	51	97	5	2	-	-	9+	10	1500	1006.8	-4	EN	3	2o	50	97	5	2	-	10	10	1500	1	55	49	49	1	0.0				
	Calshot (Stmnt.)	8	1007.9	-14	E	3	ir.	52	92	6	5	2	-	4-6	10	4000	1006.6	-6	ESE	3	ir	52	97	3	5	-	10	10	220	1	53	49	49	Tr	0.4				
	Lympe	346	1010.2	-14	ENE	3	bc	50	92	6	5	-	-	2-3	2-3	4000	1008.3	-4	ENE	3	F	47	97	2	-	-	10	10	1500	0	58	47	45	Tr	4.9				
	Manston	154	1009.8	-10	EN	3	2o	49	92	5	5	-	-	4-6	4-6	1500	1008.1	0	ENE	2	F	47	97	1	-	-	10	10	1500	1	54	45	45	Tr	2.6				
2	Shoeburyness	11	1011.2	-14	ENE	3	m	45	97	4	5	-	-	10	10	1500	1008.8	-4	NE	3	f	46	97	2	-	-	10	10	1500	1	53	43	(40)	-	0.3				
	Felixstowe	15	1011.2	-14	ENE	3	m	45	97	4	5	-	-	10	10	1500	1008.9	-12	NE	3	f	46	97	4	5	-	10	10	220	1	53	42	42	Tr	1.1				
	Gorleston	5	1011.5	-12	NEE	2	F	46	85	1	-	-	-	10	10	1500	1010.1	-8	NE	2	e/f	46	92	5	3	-	4-6	9+	1500	1	50	42	41	-	1.2				
	Mildenhall	19	1010.8	-10	E	2	m	45	97	4	5	-	-	10	10	220	1009.2	-2	ENE	3	of	44	97	3	5	-	10	10	220	1	55	44	44	Tr	0.0				
	Cranwell	240															1010.0	-4	E	2	F+	44	97	1	-	-	10	10	1500	1	53	44	44	Tr	0.0				
3	Birmingham	535															1008.4	-4	E	2	r.f	47	97	3	6	-	10	10	450	1	54	46	45	0.3	4	0.0			
	Upper Heyford	408	1010.1	-2	E	2	ir.	47	97	5	5	-	-	10	10	800	1008.4	-10	E	2	f+	48	97	2	-	-	10	10	1500	1	58	47	45	0.2	2	*			
4	Ross-on-Wye	223															1007.5	-8	EN	2	dr	50	97	4	6	-	10	10	450	1	58	49	49	0.1	12	0.3			
5	Hartland Point	299	1008.5	-8	NW	1	r.o.	48	97	7	-	2	-	10	10	1500	1006.9	-4	NW	1	r.o.	47	85	8	-	2	-	10	10	1500	1	53	46	45	1	0.1			
	Bristol	209	1008.6	-10	-	0	ir	50	97	5	-	2	-	10	10	1500	1006.5	-8	E	2	r.o.	51	97	5	2	-	9+	10	800	1	57	49	49	0	0.0				
	Portland Bill	32	1008.3	-14	E	2	rr	48	92	7	5	-	-	10	10	2500	1005.3	-12	E	2	r.f	48	92	3	5	-	10	10	1500	1	49	46	46	0.4	10	0.0			
	Plymouth	82	1007.6	-10	NNW	4	rr	49	92	5	6	2	-	7-8	10	450	1006.7	-2	NW	2	r.o.	47	92	6	6	2	-	7-8	10	800	1	52	47	45	0	0.0			
	The Lizard	240	1009.1	-4	NNW	2	c	49	97	7	8	2	-	5	10	1500	1007.8	-2	NNW	2	c	50	97	8	8	6	-	4-6	7-8	2500	1	53	48	*	0.2	0.5			
	Scilly (St. Mary's)	163	1009.5	-4	WNW	2	bc	48	97	8	8	4	-	2-3	4-6	2500	1007.8	-4	NNW	2	bc	49	85	8	8	6	3	2-3	4-6	1500	1	57	47	*	0.2	6.8			
	Guernsey	175	1006.7	-8	SSW	1	r.f	49	97	3	5	-	-	10	10	1500	1003.8	-4	WNW	4	2o	48	97	6	5	-	10	10	450	1	53	47	47	3	0.0				
6	Pembroke	142	1008.9	-2	WSW	2	ir.	49	97	7	5	-	-	10	10	1500	1007.1	-6	W	1	rr	48	92	7	5	-	10	10	1500	1	53	47	47	3	2.4				
7	Holyhead	26	1008.1	-6	SSE	2	r.o.	50	97	6	5	-	-	10	10	800	1007.4	-4	-	0	r.o.	49	97	7	6	2	-	4-6	10	800	1	53	48	47	6.3	2	0.4		
	Chester (Sealand)	16	1009.7	-6	-	0	r.o.	51	92	3	6	2	-	7-8	10	800	1008.5	-4	-	0	r.o.	50	92	4	6	2	-	7-8	10	800	1	56	50	*	3	0.1			
8	Manchester	70	1010.3	-6	E	3	2o	52	92	5	5	-	-	10	10	1500	1008.9	-2	EN	3	m	51	85	4	5	1	-	7-8	10	2500	1	54	50	48	Tr	0.3			
10	Spurn Head	29	1011.6	-2	E's	3	0	44	97	6	-	-	-	10	10	1500	1010.7	-4	EN	3	F	43	97	1	-	-	10	10	1500	0	49	42	*	Tr	0.0				
	Catterick	175	1011.5	-10	-	0	F+	44	97	1	-	-	-	10	10	1500	1011.0	0	-	0	f	46	97	2	-	-	10	10	1500	1	46	43	43	0.3	0.0				
	Tynemouth	108	1013.8	-4	SE	2	of	43	97	2	5	-	-	10	10	1500	1013.1	-2	SE	2	of	43	97	5	5	-	10	10	1500	1	43	43	43	0.1	*				
11	St. Abbs Head	280	1012.4	-6	SE	2	F	42	97	1	-	-	-	10	10	1500	1012.3	-2	SE	3	F	42	97	1	-	-	10	10	1500	1	42	41	*	Tr	*				
	Leuchars	36	1012.5	-4	ENE	2	2o	43	97	5	6	-	-	10	10	220	1012.4	0	E	2	F	44	97	1	-	-	10	10	1500	1	44	42	42	0.2	0.0				
12	Renfrew (Abbots 1.)	19	1011.9	-2	E's	2	2o	44	92	5	5	-	-	10	10	450	1011.0	-2	E	2	id.	45	92	5	5	2	-	9	10	450	1	48	43	43	0.2	0.0			
	Eskdalemuir	794															1010.6	-2	EN	3	o/f	43	97	6	5	-	10	10	220	1	47	41	41	-	1	0.0			
	Point of Ayre	30	1009.8	-2	SE's	3	0	48	92	6	5	-	-	10	10	1500	1008.6	-2	ESE	4	r.o.	48	97	6	-	2	-	10	10	1500	1	49	41	-	4	0.0			
13A	Tiree	22															1009.0	0	ESE	2	dd	47	97	6	-	2	-	10	10	800	1	50	46	*	1	0.0			
13B	Stornoway	80	1011.6	0	ESE	3	c	47	85	6	5	7	-	9	10	2500	1011.0	+2	ESE	3	c	48	85	7	5	7	-	4-6	10	4000	0	53	46	*	-	3.2			
15	Dalwhinnie	1176															1012.2	+2	-																				