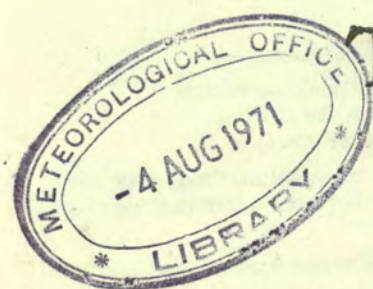


SECRET

DUPLICATE



# THE DAILY WEATHER REPORT

BRITISH SECTION

1st April to 30th June

1941



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



# INTRODUCTION

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

## NOTES REGARDING THE BRITISH SECTION.\*

**Description of each issue:**—The British section is issued daily by 5 p.m. (except that Sunday's issue is printed on Monday) and contains—

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

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

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

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

(e) On p. 2, a table of weather reports from Auxiliary Stations the positions of which are shown in the Map on p. III.

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

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

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

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

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

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

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

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

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

Sector.	Hour of Observation.
U.S.S.R. (approx. 170° E. to 30° E.).	rh. local time.
30° E. to 170° W.	oh. or rh. 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 rh. 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 rh. G.M.T. are available and are used in drawing the isobars.

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

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

## THE INTERNATIONAL AND UPPER AIR SECTIONS.\*

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

The International Section contains 4 pp. per day and is issued daily by 5 p.m., but the issues for Saturday and Sunday are made on Monday. The "International Section" contains information received from the Continent of Europe, the Mediterranean Basin, Iceland and the Azores, and from ships on the Atlantic, arranged as follows:—

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

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

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

\* Data available for publication under war conditions are necessarily incomplete.

## THE BEAUFORT SCALE OF WIND FORCE

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

## GALE WARNINGS\*

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

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

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

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

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

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

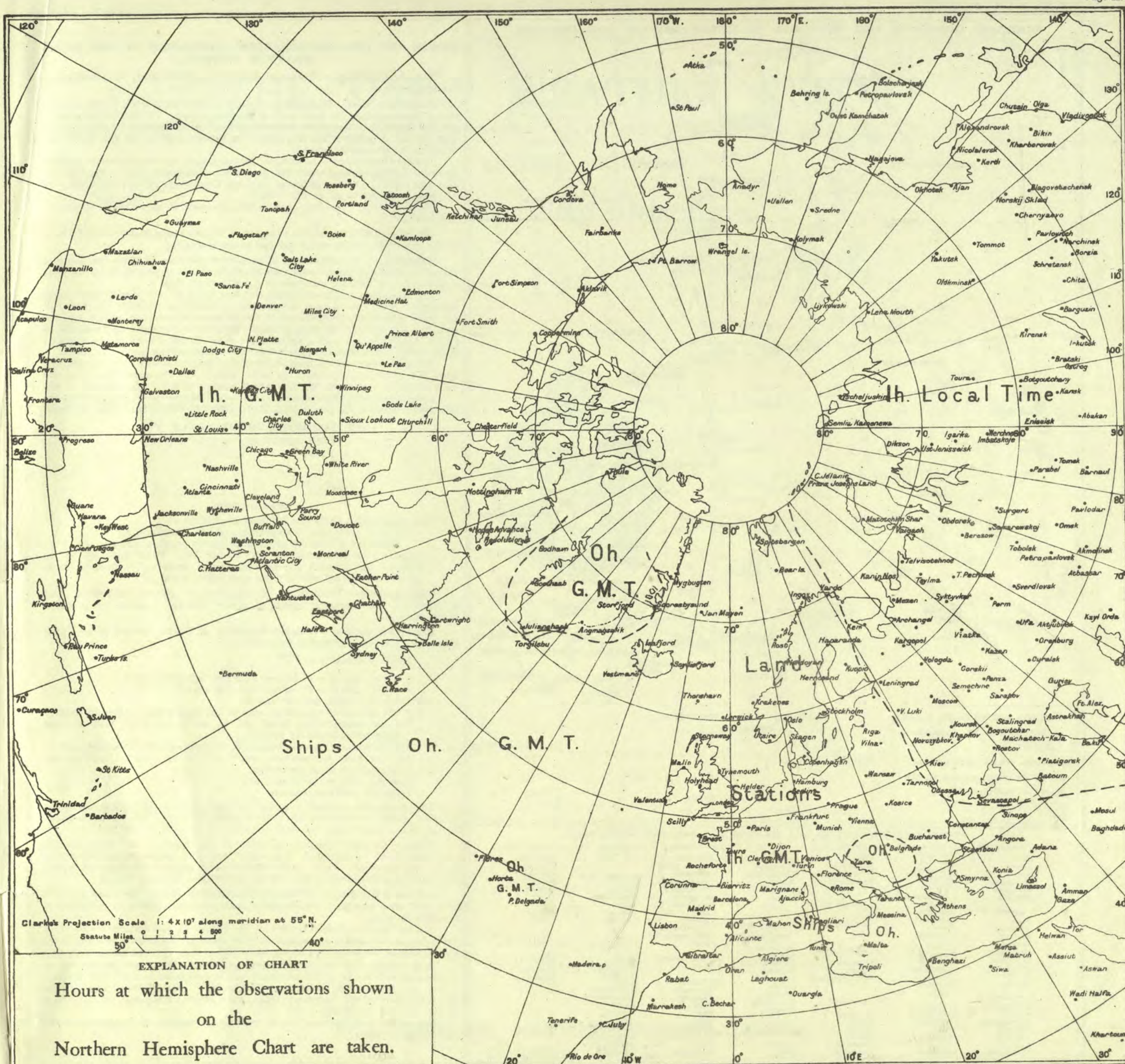
▲ North Cone hoisted:

▼ South Cone hoisted:

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

\* Note—The public issue of Gale Warnings is suspended for the duration of the war.







## FORECAST DISTRICTS AND STATIONS IN GREAT BRITAIN AND IRELAND



## FORECAST DISTRICTS and the Counties comprised within them

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

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

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

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

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

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

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

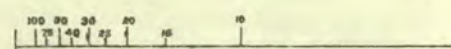
**Pressure.**—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on page 2 of the Report and for intervals of 4 millibars on Page 3.

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

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

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

## GEOSTROPHIC WIND SCALE FOR

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

Miles per hour.

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 14% 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:—

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

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

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

where  $x$  is the vapour pressure in mb.

$F$  the saturation vapour pressure at the temperature of the dry bulb;

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

$f$  the saturation vapour pressure at the temperature of the wet bulb;

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

$t$  the dry bulb temperature; and

$t'$  the wet bulb temperature.

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



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# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

MONTHLY SUPPLEMENT, April 1941 No. 222. Page 1.

Dry, dull and rather cold.

At the beginning of the month there was a deep depression off the Southwest coasts which filled up over the British Isles by the 5th. An anticyclone stretching from Iceland to the North Sea gave cold northeast to east winds over the British Isles and then moved southwest on the 10th. A week with milder west to southwest winds followed, with generally unsettled weather but with little rain in the South. On 18th a depression moved northeast over England with rain and local thunder. Further thunderstorms occurred in many districts on 20th and 21st. A ridge of high pressure over the British Isles on 21st was absorbed in a large anticyclone over North Scandinavia and cold east or northeast winds prevailed till the end of the month, with dry but mainly cloudy weather.

Rainfall and sunshine were both below the average for the month and sunshine reached new low records at Croydon and Aberdeen.

Wintry precipitation with snow on high ground in Scotland was reported during the early part of the month, and again at the end, although mostly in the form of scattered showers.

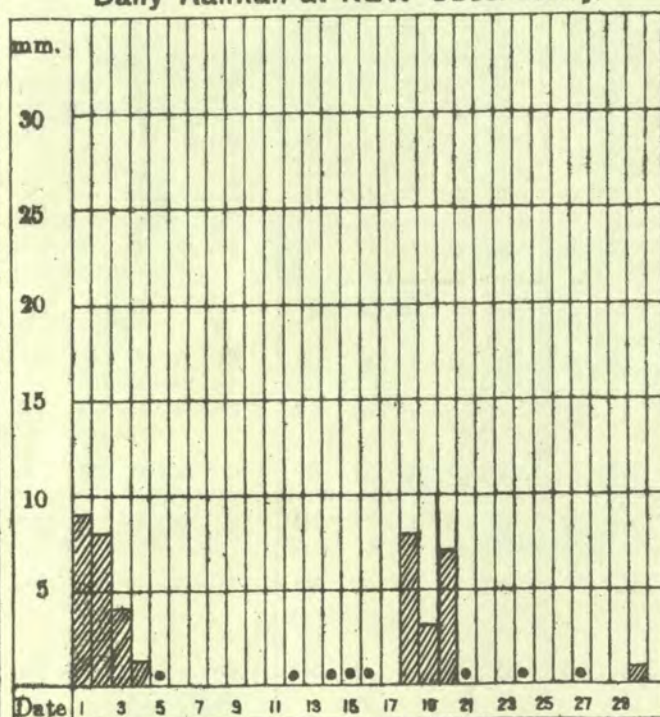
Fog occurred on few occasions; during the early hours in Southeast England on 5th and in Northern Ireland and Western Scotland during the period 10th to 13th.

Gales were confined to a few exposed places in the West and North of England, during the early part of the month.

Between the 3rd and 5th thunderstorms and thundery showers occurred in widely scattered areas mostly in Southern England. Thunderstorms were also reported in East and Southeast England during the period 18th to 24th.

Day temperatures were generally below normal especially in the South.

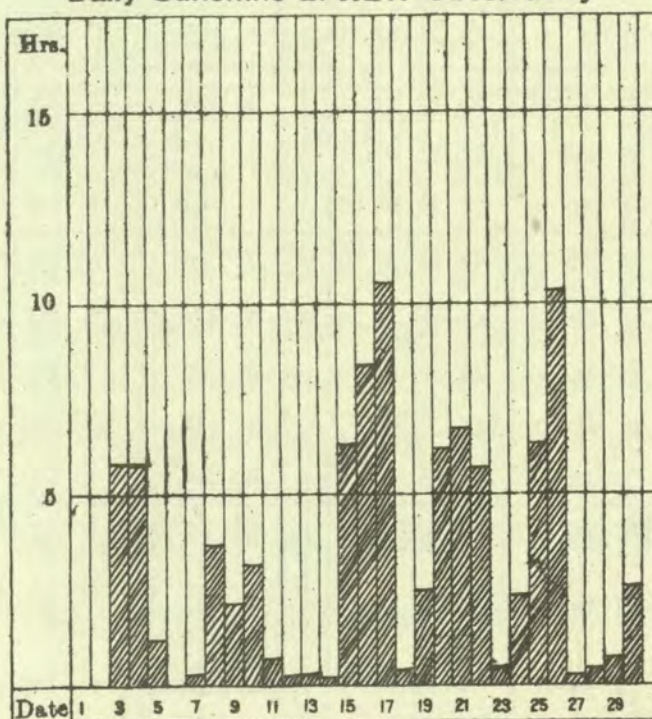
Daily Rainfall at KEW Observatory.



• = Less than 0.5 mm.

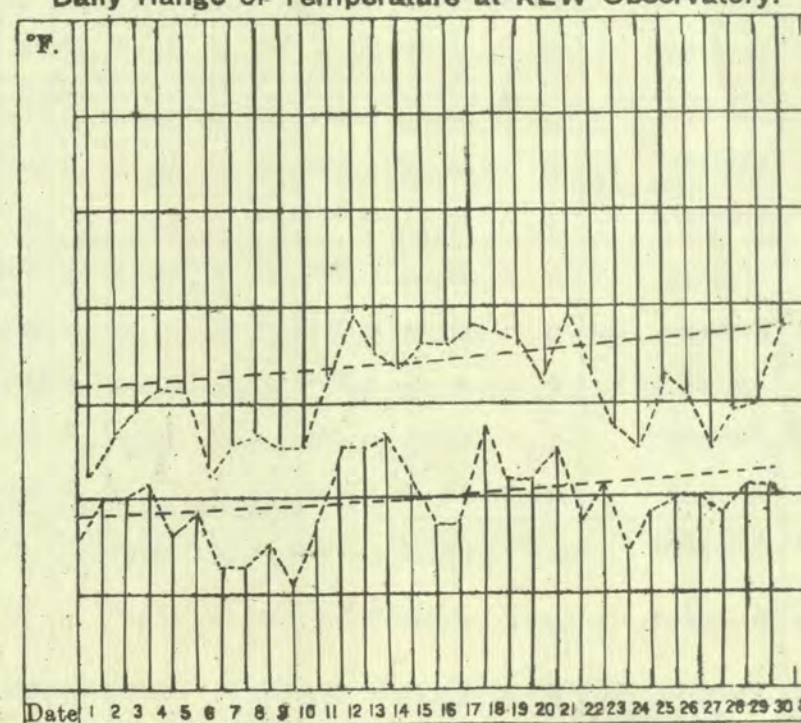
RAINFALL Total for Month. 43 mm.

Daily Sunshine at KEW Observatory



SUNSHINE Total for Month. 96 hrs.

Daily Range of Temperature at KEW Observatory.



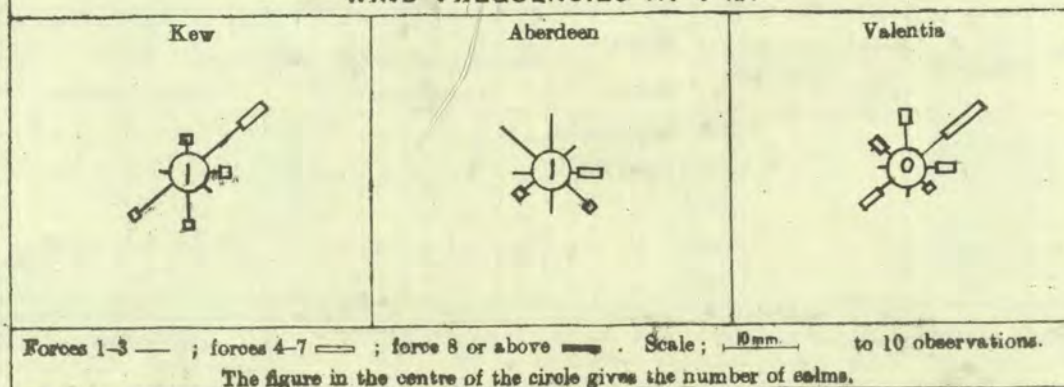
TEMPERATURE. The peaked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

MEAN VALUES FOR THE MONTH.\*

STATIONS.	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
Kew	mb. 1014.0	mb. -0.4	°F. 45.1	°F. -2.6
Aberdeen	1016.6	+3.3	41.3	-2.2
Valentia	1013.8	0.0	46.7	-0.7

\*Pressure—The mean is for the 24 hours. It is derived from values at 7 h. and 19 h. duly corrected.  
Temperature—mean of Max. and Min.

WIND FREQUENCIES AT 7 hr.



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

	miles.
Kew ...	8269
Aberdeen ...	5364
Lerwick ...	11295
Valentia ...	



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

District.	STATIONS.	↑ TEMPERATURE.												LOW CLOUD.						FOG, MIST and GOOD VISIBILITY.																					
		Number of daily readings within fixed limits.						Extremes—Warmest and Coldest.						Number of observations within fixed limits.						Number of observations within fixed limits.																					
								Days.				Nights.																													
		Maximum.			Average Maximum.	Minimum.			Average Minimum.	Highest Max. Date.	Lowest Max. Date.	Highest Min. Date.	Lowest Min. Date.	Number of Ground Frosts.	7 h.			13 h.			18 h.			7 h.			13 h.														
		32° or below.	33°—41°	42°—50°		51°—59°	60°—68°	23° or below							24°—32°	33°—41°	42°—50°	51°—59°	Below 1,000 ft.	1,000—5,000 ft.	5,000—8,000 ft.	Below 1,000 ft.	1,000—5,000 ft.	5,000—8,000 ft.	Below 1,000 ft.	1,000—5,000 ft.	5,000—8,000 ft.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.	Dense fog.	Thick fog.	Fog.	Mist.	Good Visibility.				
1	London (Kew Obsy). Croydon Thorney Island ... Lympne ...	0	0	13	17	0	54.6	0	1	21	8	0	40.8	59	21	41	6	47	18	31	10	9	1	27	0	0	30	0	0	30	0	0	0	1	5	0	0	0	1	10	
		0	2	12	16	0	54.3	0	4	21	5	0	39.5	59	21	40	6	47	18	31	10	3	5	18	1	2	27	0	1	26	2	0	0	1	2	4	0	0	0	0	17
		0	0	11	16	3	53.6	0	3	21	6	0	41.1	61	21	42	9	47	18	30	9	11	3	20	4	3	24	1	1	26	0	0	0	1	0	14	0	0	0	0	25
		0	1	16	13	0	51.5	0	3	23	4	0	33.4	58	12	41	6	45	13	28	9	11	7	15	2	8	19	1	4	20	2	1	0	1	1	19	0	0	0	0	21
2	Shoeburyness ... Gorleston ... Cranwell ...	0	0	16	11	3	53.9	0	4	17	9	0	39.2	61	21	42	6	47	13	30	10	11	2	19	3	2	23	2	1	23	1	0	2	0	2	10	0	0	0	1	18
		0	2	20	6	2	50.7	0	2	19	9	0	40.6	61	14	41	6	48	13	32	22	2	6	16	0	2	25	0	5	18	0	0	0	1	13	0	0	0	0	15	
		0	2	14	14	0	53.4	0	3	24	8	0	37.6	59	21	41	8	48	13	29	10	8	2	22	0	2	28	0	3	26	1	0	0	0	0	13	0	0	0	0	24
3	Birmingham ... (Edgbaston)	0	3	14	13	0	52.2	0	4	19	7	0	39.4	59	21	39	1	47	13	31	24	11	12	14	0	5	25	0	4	22	0	0	0	2	8	2	0	0	0	2	10
4	Ross-on-Wye ...	0	2	11	14	3	53.9	0	2	20	8	0	39.4	63	22	40	1	48	12	30	28	9	2	27	0	1	29	0	2	28	0	0	0	1	15	0	0	0	0	23	
5	The Lizard ...	0	0	11	15	0	*	0	1	14	15	0	*	57	21	42	6	46	23	32	10	*	0	28	0	0	30	0	0	28	0	0	0	0	30	0	0	0	0	29	
7	Holyhead ...	0	0	22	8	0	50.1	0	0	20	10	0	42.4	58	22	43	8	46	12	36	24	1	5	24	1	2	24	2	4	16	4	0	0	0	0	16	0	0	0	0	21
8	Chester ... (Sealand)	0	1	13	15	1	53.2	0	4	17	9	0	39.0	63	22	39	7	50	12	30	24	9	3	19	2	0	30	0	1	26	1	0	0	0	4	7	0	0	0	1	12
10	Tynemouth ...	0	4	19	7	0	49.3	0	1	23	6	0	39.7	58	12	40	6	49	13	32	10	1	3	26	0	1	28	0	1	28	0	0	0	0	11	0	0	0	0	18	
11	Leuchars ...	0	5	18	6	1	50.7	0	2	24	4	0	37.0	61	12	39	2	47	13	31	24	4	7	23	0	6	23	0	10	18	2	0	0	0	0	19	0	0	0	4	20
12	Renfrew ... Eskdalemuir ...	0	2	15	13	0	51.9	0	6	19	5	0	37.0	58	21	39	2	48	12	27	24	10	5	23	0	3	27	0	4	22	0	0	0	2	17	0	0	0	0	25	
		0	5	18	7	0	49.0	1	11	16	2	0	33.9	53	21	36	1	45	12	21	10	13	15	15	0	7	23	0	8	20	0	0	1	0	15	0	0	0	0	20	
13	Stornoway	0	4	19	7	0	48.8	0	2	21	7	0	38.1	54	11	40	2	46	13	31	17	*	2	25	0	0	29	0	0	27	0	0	0	0	23	0	0	0	0	28	
15	Aberdeen ...	0	7	18	4	1	49.0	0	3	23	4	0	38.0	60	13	38	4	47	13	28	24	6	5	24	1	8	22	0	6	23	1	0	0	0	0	18	0	0	0	0	18
18	Aldergrove ...	0	2	14	14	0	*	0	7	18	5	0	*	55	21	39	1	47	12	26	10	10	5	18	0	2	27	0	3	24	0	0	0	1	20	0	0	0	0	23	
19	Birr Castle ...	0	1	9	19	1	53.3	0	7	15	8	0	38.1	60	21	41	2	47	23	26	10	7	0	26	0	0	28	0	0	27	0	0	0	0	30	0	0	0	0	30	
20	Valentia ... (Cahiriveen)	0	0	8	22	0	52.4	0	1	16	13	0	42.4	59	23	42	2	53	24	32	25	8	2	24	3	1	28	1	2	26	1	0	0	0	0	30	0	0	0	0	26

## 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.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	6 to 25	26 to 50	51 to 75	76 to 100	Above 100	No. of Obs.	3 to 25	26 to 50	51 to 75	76 to 100	Above 100	Height.			
																																			Metres.	kilometres per hour.	
mb.	Feet.	°F.	°F.		°F.																																
950	1760	42.0	37.7	60	40.4	59			500 above ground.	44	9	24	11	0	0	44	21	20	2	1	0	30	8	19	3	0	0	72	29	36	5	0	0	500 above ground.			
850	4700	31.8	28.9	60	31.8	59			1000 above M.S.L.	37	9	24	3	0	0	31	17	13	0	0	0	22	8	12	2	0	0	50	26	23	1	0	0	1000 above M.S.L.			
750	7950	22.4	21.6	60	24.7	59			2000 " "	18	8	10	0	0	0	19	10	6	2	0	0	10	5	3	2	0	0	12	3	7	2	0	0	2000 " "			
650	11,590	11.1	11.2	60	13.7	59			3000 " "	8	4	4	0	0	0	12	6	6	0	0	0	8	3	5	0	0	0	4	0	3	1	0	0	3000 " "			
550	15720	-3.3	-3.3	60	-1.1	59			4000 " "	4	3	1	0	0	0	5	1	4	0	0	0	3	0	2	0	0	0	1	0	1	0	0	0	4000 " "			

† The readings and averages used, are the maximum for the period 7 h.-18 h., and the minimum for the period 18 h.-7 h.

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

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

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



# SUNSHINE, RAINFALL, AND HUMIDITY

April 1941.

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.					First year of record.	Highest.	Year.							Lowest.	Year.	0, trace or 0.1 mm.	0.2—1 mm.	1.1—5 mm.	5.1—15 mm.			15.1—25 mm.	Above 25 mm.	mm.	Date.	mm. mm.	mm. mm.	First year of record.	Highest.	Year.	Lowest.	Year.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

## MINIMUM SURFACE HUMIDITY.

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

STATIONS.	95 to 100 %	90 to 94 %	80 to 89 %	70 to 79 %	60 to 69 %	50 to 59 %	40 to 49 %	30 to 39 %	20 to 29 %	0 to 19 %
London (Kew)	0	0	1	3	4	9	10	3	0	0
Ross-on-Wye ...	0	1	1	0	4	13	8	3	0	0
Falmouth (Obsy.)	0	2	2	13	10	3	0	0	0	0
Renfrew ...	0	0	3	6	6	3	9	3	0	0
Eskdalemuir ...	0	0	4	4	1	6	12	2	0	1
Aberdeen ...	1	1	5	8	5	10	0	0	0	0
Valentia ...	0	0	3	6	10	7	4	0	0	0

## 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)	6	24	0	0	0	0	0	0	0	0	0 Dry.
Ross-on-Wye	17	13	0	0	0	0	0	0	0	0	1 Wet.
Renfrew ...	8	22	0	0	0	0	0	0	0	0	2 Flooded.
Eskdalemuir	7	23	0	0	0	0	0	0	0	0	3 Frozen hard and dry.
Aberdeen ...	3	27	0	0	0	0	0	0	0	0	4 Partly covered with snow or hail.
Valentia ...	16	14	0	0	0	0	0	0	0	0	5 Covered with ice or glazed frost.
											6 Covered with thawing snow.
											7 Covered with snow, less than 6 ins., but ground not frozen.
											8 Covered with snow, less than 6 ins., and ground frozen.
											9 Covered with snow, greater than 6 ins. deep.

\*\* The extremes and averages of rainfall are supplemented by records from neighbouring stations.

† 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.

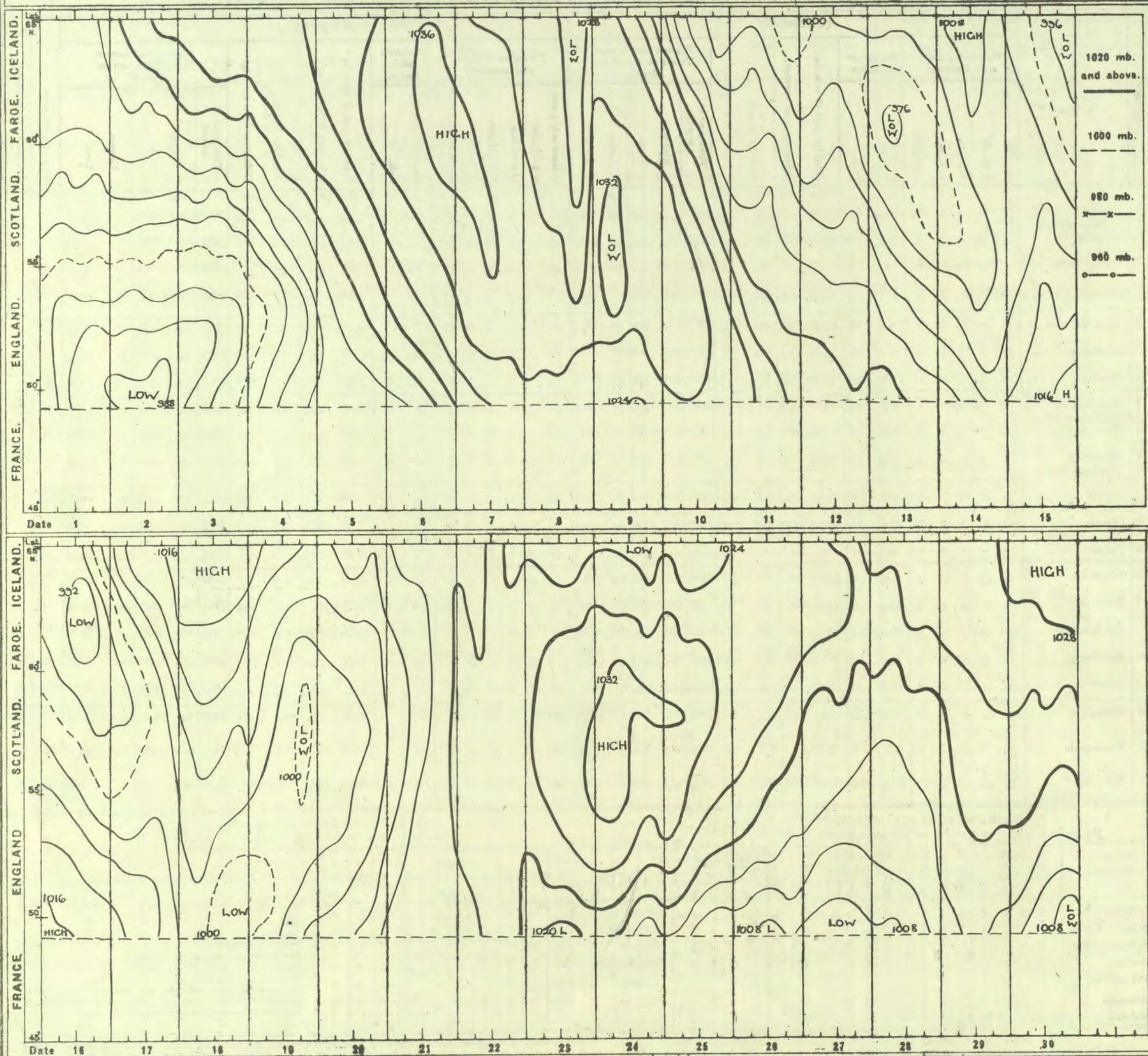


## PRESSURE: ICELAND TO GULF OF LIONS

April

1941

ISOPLETHS BASED ON SIX-HOURLY OBSERVATIONS.



\* The diagram is obtained by drawing a line from Akureyri in Iceland to the south of France near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h., 7h., 13h., and 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.

BRITISH SECTION

Tuesday, 1st April, 1941.

No. 28,985

PAST 24 HOURS.

OBSERVATIONS at 13h. G.M.T. 31st March														OBSERVATIONS at 18h. G.M.T. 31st March														PAST 24 HOURS.												
DIREC.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (6)	Temp. °F. (7)	Humid. % (8)	Visibility. 0-10 (9)	Cloud.			Barom. M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility (22)	Cloud.			State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.														
				Direc. (3)	Force. 0-12 (4)					Low. (10)	Med. (11)	High (12)			Low 0-10 (13)	Total 0-10 (14)					Direc. (17)	Force 0-12 (18)	Low (23)			Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)	Base (feet) (28)	7h.—13h. 31st (37)	13h.—18h. 31st (38)	18h.—24h. 31st (39)	1h.—7h. 1st (40)						
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Thorney Island Lympne Manston	1003.2 1003.4 1003.8 1007.3 1003.3 1011.3 1011.1	-13 -16 -13 -18 -14 -10 -12	SSE S SSE SSE SSE SE SE	4 2 2 6 4 2 3	c c c c c bc b	47 47 45 42 44 39 41	43 43 45 43 43 43 45	8 7 7 7 8 3 7	1 1 1 5 1 1 1	8 4 4 7 6 4 5	4-6 4-6 4-6 7-8 7-8 Tr 0	2500 2200 3000 2000 4000 2500 1003.2	1003.7 1006.8 1006.3 1004.0 1005.3 1003.3 1003.2	-12 -16 -20 -14 -24 -16 -10	SSE S SE SE SSE SE E	3 3 4 6 3 2 3	c c c c c c c	40 40 38 38 40 35 35	35 35 45 75 65 75 75	6 7 7 5 8 8 6	2 - - 2 - 1 -	0 0 0 1 Tr 0 0	10 10 0 10 1500 10 -	- - - - 4000 - -	1 0 1 1 1 1 0	*	*	*	*	*	*	*	bcm, b, cy ccz, c bxcz, bccy bbc bcy bcy	cyc cyc pry c c c	cyc cyc zocbc beco cno czmo	cyc bec cyc bec cyc bec	cyc bec cyc bec cyc bec		
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1011.0 1010.3 1011.3 1003.3 1003.7	-12 -10 -10 -6 -12	SSE SSE SSE SSE S	3 3 4 4 6	bc b b bc c	43 43 39 43 44	65 65 65 55 55	8 8 7 9 7	- 1 1 1 8	2 5 1 6 3	0 Tr 0 2-3 3	4-6 1 1 4-6 2500	1003.4 1003.6 1003.7 1007.0 1006.4	-16 -18 -10 -14 -2	SE SE SE SSE SE	3 4 5 6 6	c c c c c	40 35 35 38 35	55 65 85 65 75	8 8 6 7 7	- - - - 5	0 3 4 5 10	10 34 2500 10 10	1500 - - 2000 -	1 1 0 0 0	*	*	*	*	*	*	*	bcm c c c bcm	cyc bvc bvc bvc cm	cyc c c c cm	cyc c c c cm	cyc c c c cm		
3	Birmingham Upper Heyford	1006.0 1008.0	-8 -14	S SSE	4 4	c c	43 43	55 55	7 7	8 4	- 1	8 7-8	10 10	2500 2800	1002.3 1004.4	-8 -24	SSE SE	3 5	c 0	40 35	55 65	8 7	6 - 2	- 0	10 10	1500 -	1 1	*	*	bcm bcm	cyc cyc	cyc cyc	cyc cyc	cyc cyc						
4	Ross-on-Wye	1005.5	-16	S	4	cq	44	65	7	7	1	7-8	10	2500	1001.6	-20	SE	4	c	41	65	7	1	2	-	1	10	1500	1	*	bcm bcm	cyc cyc	cyc cyc	cyc cyc	cyc cyc					
5	Hartland Point Bristol ... Portland Bill ... Plymouth ... The Lizard ... Soilly (St. Mary's) Guernsey ...	1000.0 1005.3 1006.7 1004.1 999.6 994.6 997.4	-36 -26 -20 -22 -40 -46 -32	SE SE S S SSW SSW SSE	5 3 3 5 8 8 9	c c c c rr rr rr	44 43 44 45 44 44 40	65 55 58 65 75 57 57	8 8 8 7 6 6 6	8 1 5 8 5 6 8	1 1 1 2 - - -	4-6 7-8 10 4-6 10 10 10	300 2500 4000 1500 1000 1200 1000	994.6 1001.4 1001.7 998.2 992.7 998.2 991.1	-28 -24 -20 -36 -30 -30 -20	SSE SSE SSE SE SE SE SE	6 6 5 8 8 7 7	ir c c ir rr rr rr	41 41 44 45 45 47 41	85 75 82 75 75 87 87	8 8 7 6 6 6 6	2 2 5 2 6 6 2	- - - - - - -	7-8 4-6 10 9 7-8 7-8 7-8	10 1300 2500 1200 1000 1200 1000	1000 1500 2500 1200 1000 1200 1000	1 1 1 1 1 1 1	5 5 5 5 6 5 5	*	*	*	*	*	*	*	bcm bcm bcm bcm bcm bcm bcm	cyc cyc cyc cyc cyc cyc cyc	cyc cyc cyc cyc cyc cyc cyc	cyc cyc cyc cyc cyc cyc cyc	cyc cyc cyc cyc cyc cyc cyc
6	Pembroke	997.4	-32	SSE	9	rr	40	57	6	8	-	10	10	1000	991.1	-20	SSE	9	RR	41	87	6	8	2	-	7-8	10	1000	1	5	rr rr	rr rr	rr rr	rr rr	rr rr					
7	Holyhead	997.3	-22	SE	7	c	43	65	8	7	2	Tr	10	2500	994.1	-32	SE	7	rr	41	75	7	5	2	-	7-8	10	2200	1	6	rr rr	rr rr	rr rr	rr rr	rr rr					
8	Chester (Sealand)	1003.7	-18	SE'S	5	c	45	55	7	7	1	4-6	10	2800	999.6	-20	SE'S	5	rr	41	65	7	6	2	-	10	10	1500	1	*	bcm bcm	cyc cyc	cyc cyc	cyc cyc	cyc cyc					
8	Manchester	1005.1	-16	SSE	3	c	47	45	7	1	1	2-3	10	3500	1002.4	-12	SE'S	3	rr	42	65	6	5	2	-	10	10	2000	1	*	bcm bcm	cyc cyc	cyc cyc	cyc cyc	cyc cyc					
10	Spurn Head Catterick Tynemouth	1008.0 1005.1 1005.1	-2 -6 -4	S S S	5 3 3	c bc c	39 48 45	75 45 65	7 7 5	6 1 2	- 1 3	4-6 4-6 7-8	3 4-6 7-8	4000 2500 2400	1005.3 1003.3 1004.2	-8 -10 -4	SE'S SSE S	6 3 5	rr z z	42 42 44	75 65 75	7 6 6	5 5 5	- 2 -	10 4-6 7-8	10 3500 1600	4000 3500 1600	0 0 0	4 0 3	*	*	bcm bcm bcm	cyc cyc cyc	cyc cyc cyc	cyc cyc cyc	cyc cyc cyc				
11	St. Abbs Head Leuchars	1003.6 1003.8	+4 +10	SW ENE	4 2	c ir	43 38	75 72	8 7	8 5	4 1	4-6 10	2500 3000	1004.4 1003.6	-4 0	SE ENE	2 3	c c	40 35	82 85	8 5	4 5	7 7	- -	4-6 7-8	10 1500	2500 1500	1 2	2 *	c ss	c m	c ir	c c	c c	c c					
12	Renfrew (Abbots L.) Eskdalemuir Point of Ayre	1002.5 1003.4 1001.3	+2 +4 -4	ENE SW SW	1 2 4	r/r c c	41 35 45	75 73 45	6 8 8	3 5 4	- - 7	3 10 2-3	3 800 2500	1001.7 1001.6 998.0	-7 -6 -16	ENE SE SE	3 3 7	z c rr	35 40 40	85 65 87	5 5 7	5 5 -	- - 2	10 10 10	2000 1500 1500	1 1 1	4 5 5	*	*	c c c	c c c	c c c	c c c	c c c						
13A	Tiree	999.4	+8	SSE	4	bc	40	75	8	2	3	2-3	4-6	1800	999.4	0	ENE	4	rr	35	82	7	5	-	-	10	10	1800	1	5	bc bc	bc bc	bc bc	bc bc	bc bc					
13B	Stornoway	1005.6	+6	E	5	c	38	65	8	5	7	2-3	3-4	2500	1005.8	0	E	6	rr	37	75	8	3	7	8	1	3-4	2500	4	4	c c	c c	c c	c c	c c	c c				
15	Dalwhinnie Aberdeen Wick Lerwick	1003.0 1004.3 1006.0 1003.2	+6 +4 +4 0	SW NE ENE SW	2 4 4 3	ir r c bc	33 34 38 37	85 75 75 85	7 6 8 8	5 6 3 7	1 - - 4	7-8 7-8 4-6 4-6	10 800 1500 1500	1002.7 1005.1 1006.7 1003.3	-2 +2 +6 +6	SE ENE E SE	3 3 4 3	rr rr c bc	33 33 38 36	85 82 75 75	6 6 8 8	5 5 7 7	- - 8 -	4-6 4-6 4-6 4-6	10 800 2500 2500	1500 800 2500 2500	1500 800 2500 2500	1 4 1 1	4 4 3 3	*	*	c c c c	c c c c	c c c c	c c c c					
17	Blacksod Point	992.2	-40	ENE	5	rr	40	57	7	6	-	10	10	800	984.5	-26	ENE	6	rr	41	82	7	6	-	-	10	10	800	2	7	rr rr	rr rr	rr rr	rr rr	rr rr					
18	Malin Head Aldergrove	992.2 993.5	-4 -13	E SE'S	3 5	c pr	42 43	85 75	8 8	6 2	- 1	3 2-3	3 10	1500 2000	995.2 994.3	-18 -30	E E	6 5	rr rr	40 38	85 82	7 6	9 2	- -	3-4 7-8	3 10	800 800	1 1	3 *	c cc	c rr	c rr	c rr	c rr	c rr					
19	Birr Castle	983.1	-62	S	4	ir	39	52	7	6	2	4-6	10	1500	984.5	-8	SSE	4	ir	45	85	7	6	2	-	7-8	10	1500	1	*	c c	c c	c c	c c	c c	c c				
20	Valentia Obsy. Rothes Point	983.0 986.1	-18 -34	SW SE	3 7	bc c	48 46	75 85	7 7	2 6	- 2	4-6 7-8	4-6 3-4	2500 800	981.0 982.5	-10 -20	SW SW	3 7	c c	45 46	75 82	8 7	8 7	- 2	- 7-8	7-8 3-4	2500 800	2500 800	1 1	3 6	c c	c c	c c	c c	c c	c c				

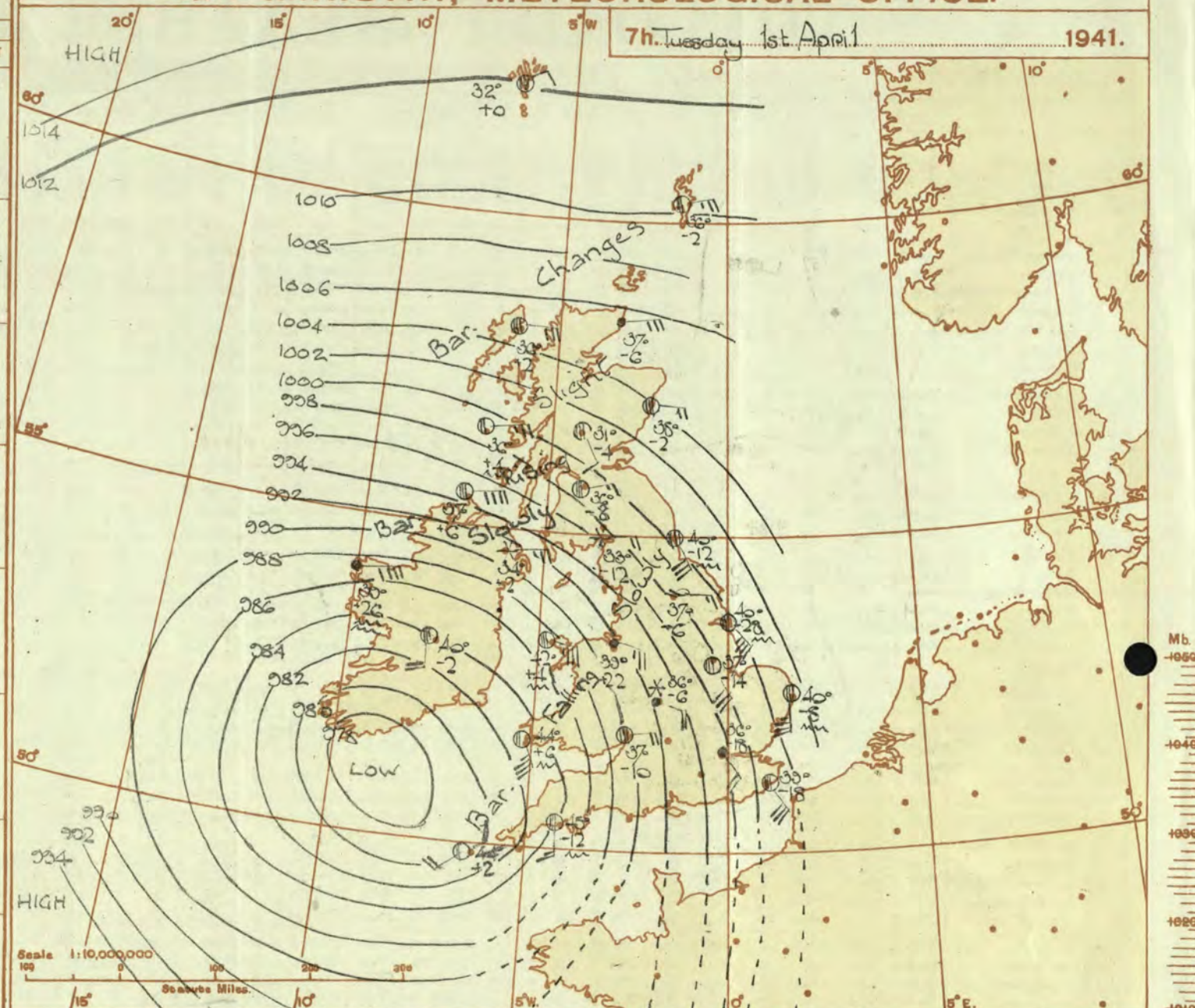


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 1st. March				18h. G.M.T.				01h. G.M.T. 1st. April				07h. G.M.T.			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN
1094-	02874	08315	11	01971	09324	5-	02867	39527	6-	68538	06628				
115															
203							8-	01844	04514	8-	02837	02517			
20652	71845	12378	52	69746	08478	52	61648	57378	53	02744	08967				
21052	71844	08278					02	61648	09578	57	02863	08367			
220															
230				62	22733	08368	51	02735	08468	57	02843	39466			
24557	61735	06368	52	61747	04968	5-	05648	48628	5-	02757	43727				
26035	2745	32127	87	05664	06328	5-	62758	12568	52	05651	08968				
277				62	62745	43668	5-	74528	41578	62	68633	42778			
2793-	02755	7586	52	05653	14428	--	22558	12568	52	61643	09668				
28523	02844	20515	22	03743	12428				6-	71638	08678				
28827	7655	7427	07	17790	14428	5-	61678	12468	5-	05668	12428				
273															
3011	05662	14518	52				5-	05658	45668	52	05647	09568			
3213	01753	50615	52	05645	14428	5-	05658	47528	52	05664	12428				
29957	01753	20414	5-	03748	14528	5-	03728	16728	52	05644	10628				
29910	07661	16316	02	05668	14428	5-	05658	42428	02	05658	41428				
310-	02636	20526	--	02628	20628				--	78428	04688				
31620	02665	16348	5-	05668	46428	5-	05668	45528	52	62545	12468				
33322	22743	14728	62	62845	16868	52	02755	12828							
334--	03767	26328	--	03748	14588				-3	52546	18458				
34052	02864	48628	52	62756	47768	5-	05678	43668	62	62535	10668				
13610	01764	15414	02	02890	11518	02	03790	12628	5-	05668	12628				
33626	03764	08528	62	64653	14568				62	68644	12668				
35050	02764	16428	02	02790	14428				62	61635	10563				
36852	21866	3458													
37027	02755	16628				52	02754	12628	6-	68538	12778				
39011	02763	2417	07	02790	14587	02	05690	12428	62	62635	45668				
38271	02755	16528	07	02890	14528	02	03888	11528	62	68636	11578				
43870	01853	5304							6-	68538	16678				
43011	02862	14426	02	02990	14428	02	02790	14528	62	64638	14668				
40952	64636	14888	52	64636	12968	62	64636	48868	36	25845	15435				

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

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

1 S.E. England	Fresh or strong S.E. wind, gale locally on coasts. Dull and rainy at first, with sleet locally, especially on high ground. Bright intervals and local thundery showers later. Rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Strong winds from between S.E. and S.W., becoming variable. Bright intervals and local thundery showers of rain or hail. Rather cold.
6 South Wales ...	
7 North Wales ...	Fresh or strong S.E. to E. winds, gale locally on coasts. Cloudy with rain spreading northeastwards across the area. Snow on high ground. Some bright intervals in the S.W. later. Rather cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Fresh to strong E. winds. Cloudy with local wintry showers. Cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Easterly winds strong to gale, backing. Cloudy with rain, sleet or snow at times. Cold.
18 N. E. Ireland	
19 S. E. Ireland	Fresh or strong E. to N.E. winds. Cloudy with local thundery showers. Rather cold.
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

A deep depression centred off S.W. England is moving slowly eastwards. Weather will be very unsettled with widespread rain, and with snow on high ground in the north. Strong winds or gales, mainly from an Easterly or South-easterly point will occur in many districts. Brighter conditions, but with some local thundery showers will spread slowly northeastwards across the country later. It will be generally rather cold, but rather milder conditions will spread slowly from S.W. later.

FURTHER OUTLOOK.

Continuing unsettled with further periods of rain in the south, and some snow in the north. Cold in north, milder in the south.

Gale warning in operation in districts 1, 2, 5, 6, 7, 8, 10, 11, 12, 13A, 17, 18, 19 and parts of 15 and 20. Times of issue 0625h, 0900h, 1415h, 1730h. 31:3:41. and 0210 1:4:41.

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

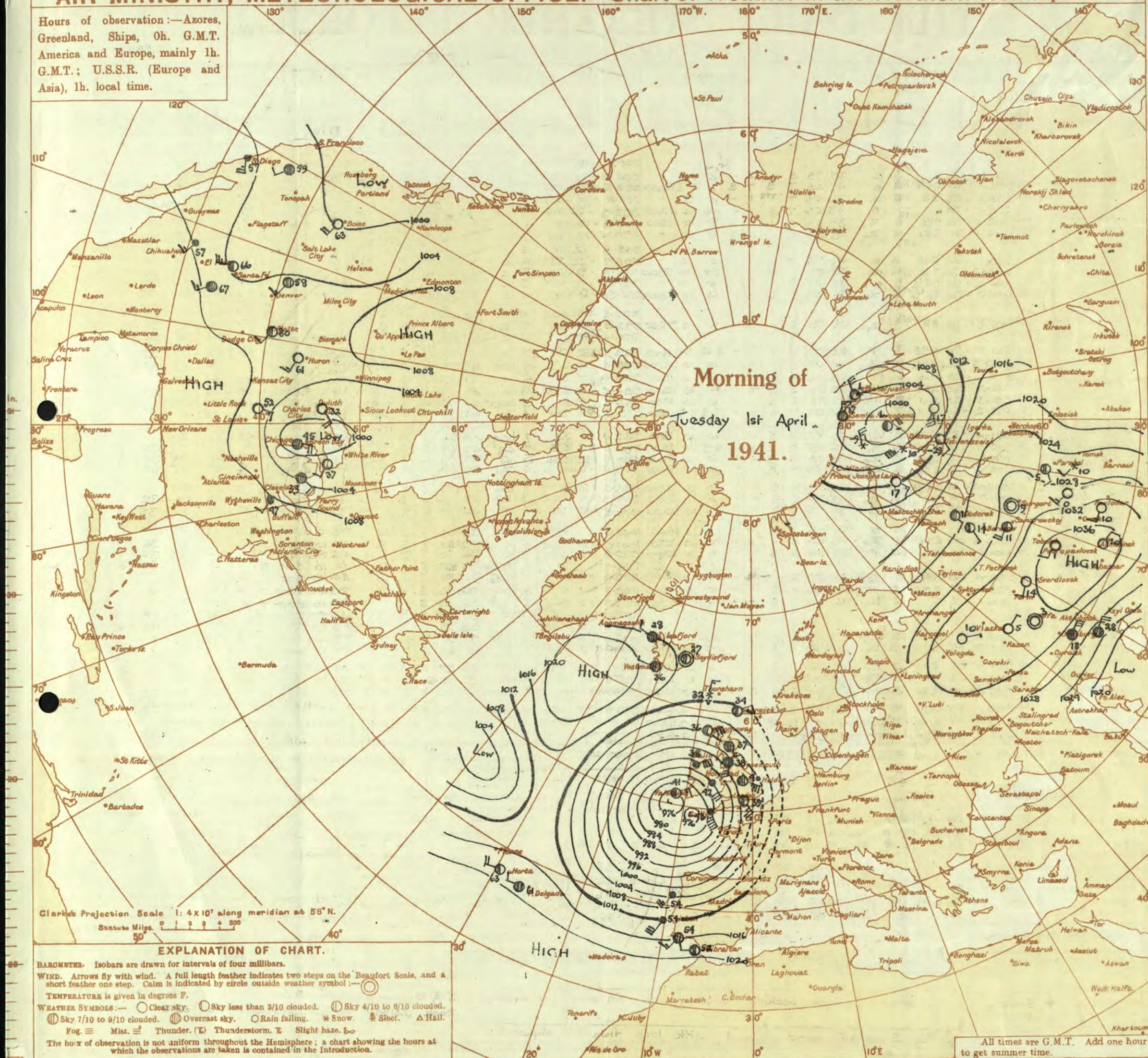
N. K. JOHNSON. D.Sc., A.R.C.S.  
Director.

H.M.S.O. Press, Crowned 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  
Tuesday 1st April 1941.  
No. 26,285

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 (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.		RAINFALL.		SUNSHINE Hrs. (36)				
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Low 0-10 (12)			Total 0-10 (13)	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. (10)	Med. (11)	High (12)
1	London (Kew) ...	18	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	4	10	37	85	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Croydon ...	217	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	4	10	37	85	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	S. Farnborough ...	226	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	4	10	37	85	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Boscombe Down ...	417	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	4	10	37	85	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Thorney Island ...	10	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	4	10	37	85	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Lympne ...	346	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	4	10	37	85	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Manston ...	154	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	4	10	37	85	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
2	Shoeburyness ...	11	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	40	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Felixstowe ...	15	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	40	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Gorleston ...	5	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	40	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Mildenhall ...	19	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	40	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Cranwell ...	240	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	40	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
3	Birmingham ...	535	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Upper Heyford ...	408	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
4	Ross-on-Wye ...	223	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
5	Hartland Point ...	299	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Bristol ...	209	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Portland Bill ...	32	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Plymouth ...	82	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	The Lizard ...	240	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Scilly (St. Mary's) ...	163	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Guernsey ...	175	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
6	Pembroke ...	142	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
7	Holyhead ...	26	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Chester (Sealand) ...	16	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
8	Manchester ...	70	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
10	Spurn Head ...	29	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Catterick ...	175	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Tynemouth ...	108	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
11	St. Abbs Head ...	280	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Leuchars ...	36	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
12	Renfrew (Abbots I.) ...	19	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Eskdalemuir ...	794	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
	Point of Ayre ...	30	30.0	-.02	SE	5	C	39	75	8	2	1	0	7.8	30.0	-.02	SE	5	10	36	75	6	2	1	7.8	10	1500	1	4	47	35	31	-	2	4.6	4.6	
13A	Tiree ...	22	30.0	-.02	SE	5	C	39	75	8	2	1																									



PAST 24 HOURS.

[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.  
fg, 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 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 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.

COLUMN 29 —STATE OF GROUND

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

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

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

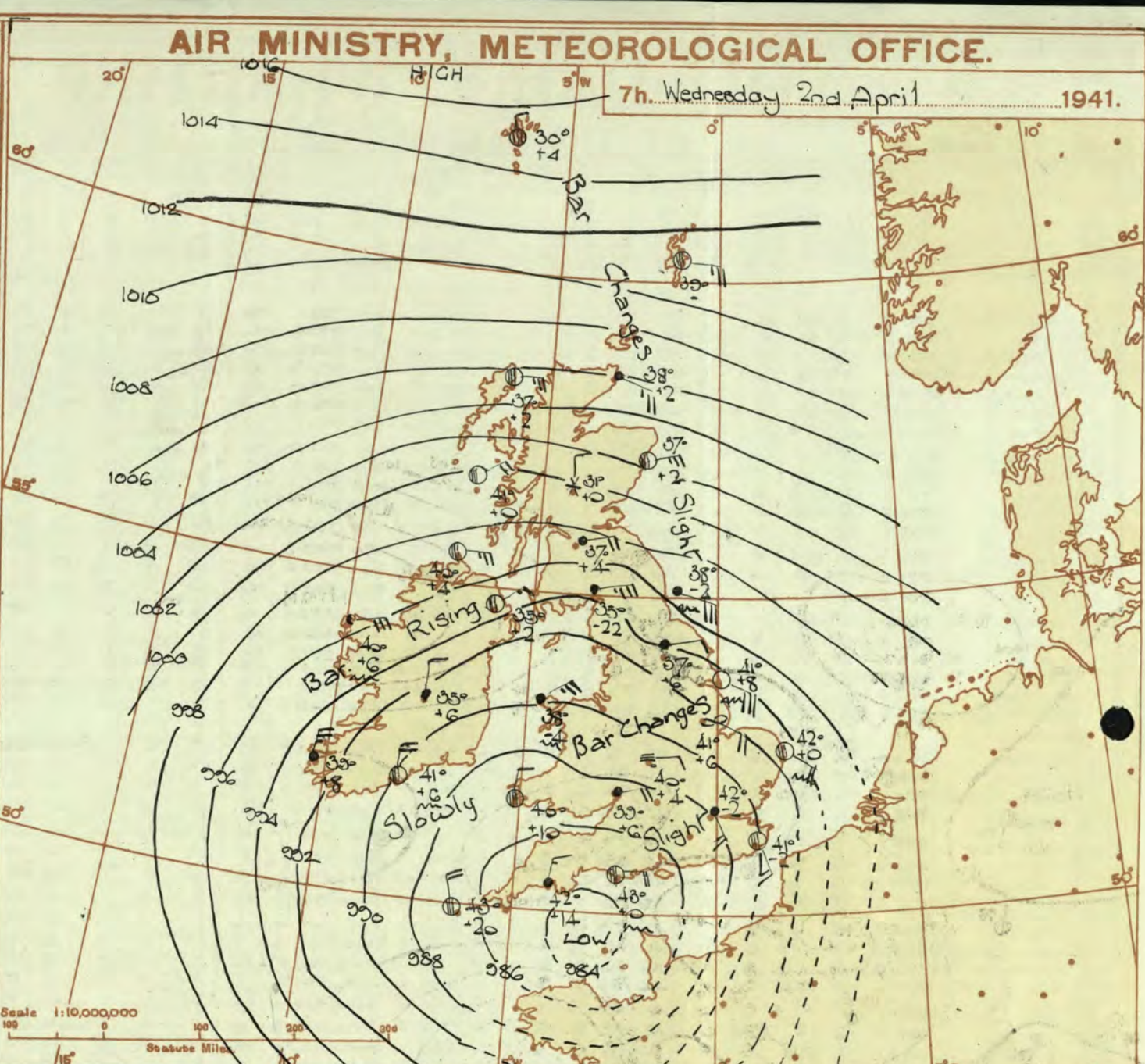
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.



Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 18th April				18h. G.M.T.				01h. G.M.T. 2nd April				07h. G.M.T.			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN
109				87	02754	09525	5-	03748	09558	8-	03857	08527			
115															
203	81	02845	08427				8-	02837	04527	5-	03838	04628			
206	52	02855	08428	52	10754	10468	62	22645	43468	82	27745	12388			
210	57	22844	07468	52	51645	08558	5-	61658	10568	52	51756	09578			
220	52	01863	05417	53	05863	06407				82	02855	04928			
230	51	02864	04428	57	02753	06427	51	05646	07928	53	02846	05467			
245	52	25645	43788	92	81645	42788	5-	61648	41688	62	61646	41688			
260	52	22645	08468	52	05624	08428	5-	02758	08428	62	51644	08468			
277	57	24654	08678	52	62651	08568	5-	58648	07568	52	63646	07568			
279	62	05634	1668	62	61636	39668	--	08448	04828	62	61635	41768			
285	8-	02637	08627	6-	64538	10678				--	74439	08579			
288	5-	05645	10528	5-	05668	41528	5-	61648	40568	62	62647	40568			
273															
301				62	62635	08568	62	62537	06468	53	05654	08468			
321	52	62745	43578	62	64638	41568	6-	62538	41568	6-	05648	07428			
299	82	51635	10658	52	05835	05628	5-	62638	43768	62	66535	43668			
292	57	61744	43528	52	62635	41568	62	62546	41568	62	51635	41468			
310	--	77108	04548	--	77108	04548									
316	62	62625	10478	62	62435	12468	6-	62438	08368	53	05545	06367			
333	02	62638	07428	58	62644	06468	5-	02756	02226	62	62746	06168			
334	--	68647	14578	--	68548	08478				--	62646	16269			
340	62	52636	42668	62	52536	10578	5-	62646	08366	5-	22647	10367			
136	77	05655	10627	52	62644	09568	62	61637	10468	56	05535	09367			
336	62	72644	12578	--	77309	12479				52	03752	08328			
350	62	62628	12468	62	62626	10468				57	05636	06327			
368	5-	63738	08568												
379	--	77208	12578	5-	22518	12368				6-	41418	06358			
390	62	68637	42678	62	64537	11468	52	05545	12368	5-	61746	12468			
382	62	68627	12478	62	21637	11458	62	64646	08368	5-	51648	08258			
438	G-	64648	43668												
430	62	62636	10468	57	02745	45528				5-	58738	12468			
409	3-	02846	11588	34	01853	10435	24	25644	06386	5-	02737	02387			

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



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. 2nd April, 1941
1 S.E. England	Moderate S.E. wind backing northerly. Cloudy with occasional rain. Rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate to fresh Northerly wind. Cloudy with occasional rain. Rather cold.
6 South Wales ...	
7 North Wales ...	Moderate E. wind backing Northerly. Cloudy with periods of rain. Rather cold.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Fresh or strong E. wind backing N.E., gale locally on east coast at first, moderating. Cloudy with rain at times, more particularly in south of area. Sleet or snow locally on high ground. 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	As 5-G
20 S. W. Ireland	

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

**GENERAL INFERENCE.**  
A depression centred in the Western English Channel is moving very slowly ESE. Weather will be unsettled with rain at times in all districts, and with sleet or snow on high ground in the north. Temperature will be generally below average.

**FURTHER OUTLOOK.**  
Rather cold with Northeasterly winds in most districts. Cloudy with local rain, but some bright intervals in the west.

Gale warning issued 0210h 1/4/41. in districts 10 and 11.

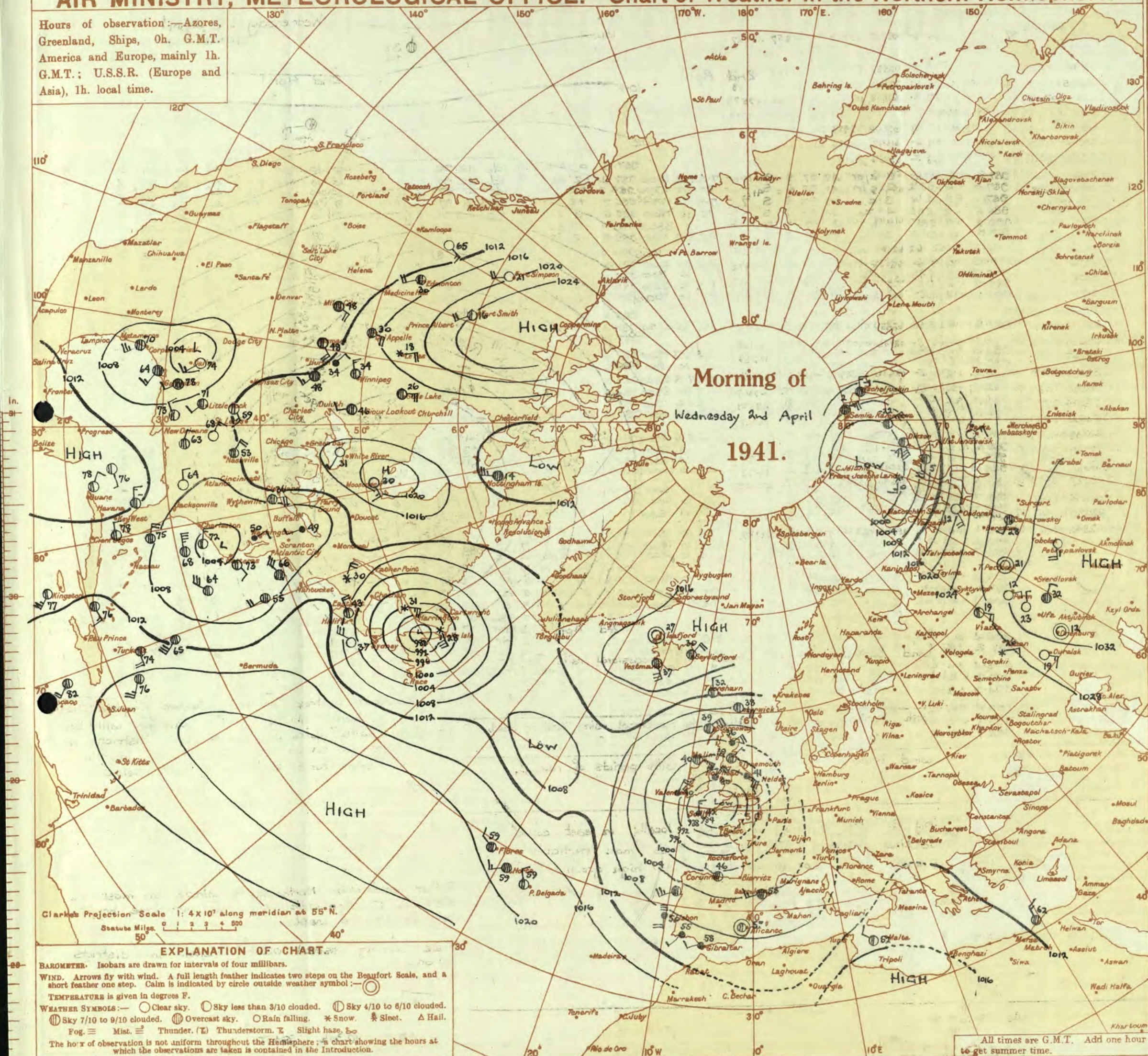
Forecasts issued at 10.30h. G.M.T. N. K. JOHNSON, D.Sc., A.R.C.S., Director.  
H.M.S.O. Press, Carfax House, S.E.1.



SECRET

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

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





## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

Wednesday 2nd April 1941.

No. 25,986

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. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Sea. 0-9	TEMPERATURE.			RAINFALL.		SUNSHINE. 1st Hr.	
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.					
																																Low.	Med.	High.		Low.
1	London (Kew) ...	18	387.9	-6	SSW	3	c/pr	42	97	8	-	-	-	387.8	0	E/S	3	id	42	92	6	5	-	-	10	10	1500	1	*	42	40	35	5	4	0.0	
	Croydon ...	217	387.9	-6	SE 1/2	2	c/r	41	97	6	-	-	-	387.7	-2	SE	3	id	42	92	6	6	-	-	10	10	800	1	*	41	39	37	8	4	0.0	
	S. Farnborough ...	226	387.0	-6	SE 1/2	2	c/r	41	97	6	-	-	-	386.7	+2	E 1/2	3	id	41	97	6	6	-	-	10	10	900	2	*	40	39	39	8	4	0.0	
	Boscombe Down ...	417	387.1	+2	E 1/2	3	c	39	92	6	5	7	-	386.7	+2	E 1/2	3	c/r	41	97	6	6	7	-	9	10	600	1	*	46	38	37	11	4	0.0	
	Thorney Island ...	10	386.6	-2	ESE	4	30	41	85	5	-	-	-	385.6	-4	E/S	4	id	43	92	6	6	2	-	9	10	1500	1	*	43	41	37	10	2	0.0	
	Lympne ...	346	390.8	+2	SSE	3	b	41	97	7	5	-	-	390.1	-2	SE	4	id	41	85	3	5	-	-	10	10	1500	1	*	43	40	38	7	2	0.0	
	Manston ...	154	389.9	0	SE 1/2	3	20	42	97	6	5	-	-	389.9	-2	SE	4	c	42	85	7	5	-	-	9+	9+	1000	1	*	44	40	38	6	2	*	
2	Shoeburyness ...	11	390.5	-2	SSE	5	c/r	44	92	6	5	7	-	390.6	0	SE 1/2	2	c	42	85	6	5	-	-	10	10	4000	1	*	45	41	38	6	1	0.0	
	Felixstowe ...	15	392.3	-6	ESE	6	id	41	85	5	6	7	-	391.0	+6	SSE	4	c	42	92	8	5	7	-	9	10	1000	1	*	47	41	38	1	2	0.0	
	Gorleston ...	5	392.3	-6	ESE	6	id	41	85	5	6	7	-	392.4	0	SE	4	c	42	92	6	8	-	-	10	10	600	1	*	43	41	40	-	0.2	0.0	
	Mildenhall ...	19	389.3	-6	SE	4	rr	43	97	6	5	2	-	389.9	+6	ESE	3	c	42	85	7	5	-	-	10	10	1500	1	*	46	39	34	2	4	0.4	
	Cranwell ...	240	390.1	-12	SE	6	id	41	97	5	6	2	-	390.7	+6	ESE	4	20	41	97	5	5	-	-	9+	9+	800	1	*	44	39	39	3	10	0.0	
3	Birmingham ...	535	387.8	-6	ESE	2	rf	37	97	3	-	-	-	388.6	+4	E	2	m	40	92	4	6	-	-	10	10	450	1	*	39	37	36	8	4	0.0	
	Upper Heyford ...	408	387.8	-6	ESE	2	rf	37	97	3	-	-	-	388.0	+6	E	3	id	40	97	6	6	2	-	9	10	600	1	*	40	36	34	4	8	0.0	
4	Ross-on-Wye ...	223	387.8	-6	ESE	2	rf	37	97	3	-	-	-	387.3	0	E 1/2	2	id	37	97	4	5	-	-	10	10	450	1	*	40	35	35	9	4	0.0	
5	Hartland Point ...	299	384.0	+6	ENE	4	bc	41	92	7	5	-	-	385.6	+12	NE	4	c	40	92	7	8	6	-	4.6	7.8	2000	1	*	51	39	37	4	-	2.1	
	Bristol ...	209	386.2	-6	E	2	id	39	97	5	-	2	-	386.6	+6	NE	1	id	39	97	4	6	7	-	3	9+	500	1	*	41	37	34	1	3	0.0	
	Portland Bill ...	32	385.5	-8	SE	3	c	44	92	8	5	-	-	384.9	0	E	4	c	43	92	8	5	-	-	10	10	2500	1	*	46	41	-	-	-	0.0	
	Plymouth ...	82	382.9	-6	NE 1/2	3	c	44	92	7	5	6	6	384.9	+4	N/E	3	pr	42	92	8	4	9	4	9	9+	5500	1	*	51	41	40	0.3	1	6.8	
	The Lizard ...	240	382.0	+8	E 1/2	4	bc	43	85	8	3	-	-	385.4	+20	N	4	c	41	92	8	8	6	-	7.8	7.8	1500	1	*	50	40	-	-	-	0.0	
	Scilly (St. Mary's) ...	163	382.6	+16	N	3	pr	42	92	7	8	-	-	386.4	+20	N 1/2	4	c/pr	43	97	8	8	5	-	7.8	9+	1500	1	*	50	41	-	-	-	0.0	
	Guernsey ...	175	382.6	+16	N	3	pr	42	92	7	8	-	-	386.4	+20	N 1/2	4	c/pr	43	97	8	8	5	-	7.8	9+	1500	1	*	50	41	-	-	-	0.0	
6	Pembroke ...	142	395.4	+2	NE 1/2	3	bc	39	92	7	5	-	-	396.8	+10	NNE	2	c	40	92	7	8	6	-	7.8	9+	2000	1	*	46	38	-	2	Tr	0.0	
7	Holyhead ...	26	388.5	+2	NE 1/2	5	id	40	92	6	5	2	-	388.1	-4	NE 1/2	3	rr	38	92	6	-	2	-	10	10	1200	1	*	44	37	36	3	0.5	1.4	
	Chester (Sealand) ...	16	388.4	-4	NE	3	id	39	92	5	5	-	-	388.4	-4	E 1/2	2	c/r	47	85	5	6	7	-	7.8	10	1000	1	*	40	39	37	2	5	0.0	
8	Manchester ...	70	388.4	-14	ENE	3	id	41	85	5	5	-	-	389.7	+6	E 1/2	4	rf	41	85	3	5	7	-	7.8	10	300	1	*	44	39	37	Tr	0.4	0.1	
10	Spurn Head ...	29	391.6	-12	E/S	7	id	41	92	4	3	-	-	391.4	+8	ESE	6	mq	41	92	4	-	2	-	10	10	2500	1	*	44	31	-	6	8.0	0.0	
	Catterick ...	175	393.7	-10	ENE	2	id	38	85	6	5	-	-	394.0	+6	ENE	2	id	37	92	6	5	2	-	9	10	1100	1	*	40	36	35	Tr	4	0.6	
	Tynemouth ...	108	397.7	-12	ENE	8	0	39	92	6	6	-	-	391.5	-2	ESE	6	ir	38	97	6	6	-	-	10	10	800	1	*	41	38	39	0.2	1	*	
11	St. Abbs Head ...	280	399.1	-4	E	6	cq	38	85	7	5	2	-	398.6	+4	E	6	id	37	85	7	5	2	-	7.8	10	2000	1	*	40	33	-	Tr	Tr	*	
	Leuchars ...	36	399.6	-2	E	7	id	38	85	5	5	-	-	399.2	+2	E	7	id	38	85	6	5	2	-	7.8	10	700	1	*	41	36	35	Tr	1	0.0	
12	Renfrew (Abbots I.) ...	19	398.7	-2	ENE	4	id	38	85	5	5	-	-	398.3	+4	ENE	4	id	37	85	6	5	2	-	7.8	10	1200	1	*	41	37	35	Tr	Tr	0.0	
	Edkdalemuir ...	794	398.7	-2	ENE	4	id	38	85	5	5	-	-	398.3	+4	ENE	4	id	37	85	6	5	2	-	7.8	10	1200	1	*	41	37	35	Tr	Tr	0.0	
	Point of Ayre ...	30	392.3	-2	E	6	rr	39	97	6	2	-	-	391.2	-4	E	6	rr	39	97	6	6	2	-	4.6	10	1500	1	*	42	38	-	2	8	0.0	
13A	Tiree ...	22	399.0	-2	NE	4	c	41	85	7	8	-	-	399.4	0	NE	4	c	41	75	8	5	-	-	9	9	2800	0	*	43	40	-	-	-	0.0	
13B	Stornoway ...	80	399.0	-4	ENE	5	c	39	85	7	5	7	-	399.2	+2	E	5	c	37	85	7	5	2	-	9	10	1500	1	*	43	37	-	-	-	7.8	
15	Dalwhinnie ...	1176	399.0	-4	ENE	5	c	39	85	7	5	7	-	399.2	+2	E	5	c	37	85	7	5	2	-	9	10	1500	1	*	43	37	-	-	-	7.8	
	Aberdeen ...	79	399.0	-4	ENE	5	c	39	85	7	5	7	-	399.2	+2	E 1/2	5	phr	37	85	6	8	-	-	9+	9+	1500	4	*	37	30	29	-	0.2	0.0	
	Wick ...	81	399.0	-4	ESE	5	c	38	92	7	5	2	-	399.2	+2	E 1/2	5	phr	37	85	6	8	-	-	9+	10	1500	1	*	39	35	33	-	1	0.0	
16	Lerwick ...	156	399.0	-4	ESE	5	c	38	85	7	8	7	-	399.2	+2	ESE	5	pr	38	75	7	5	7	-	7.8	9	1500	1	*	41	36	-	0.1	0.1	0.0	
	Lerwick ...	156	399.0	-4	ESE	5	c	38	85	7	8	7	-	399.2	+2	E	5	pr	39	75	8	5	7	-	7.8	9	1500	1	*	40	36	-	Tr	-	1.4	
17	Blackad Point ...	18	395.4	+4	ENE	7	c/r	41	92	7	5	-	-	396.5	+6	ENE	6	id	40	92	7	6	-	-	10	10	800	1	*	43	38	-	1	1	*	
18	Malin Head ...	84	397.3	+2	E	7	c	40	85	5	9	-	-	397.3	+4	E																				



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Thursday, 3rd April, 1941.  
No. 28,387.

OBSERVATIONS at 13h. G.M.T. 2nd April														OBSERVATIONS at 18h. G.M.T. 2nd April														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
STATIONS.	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. (9-12)				Height of Base. (feet) (14)	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. (23-26)				Height of Base. (feet) (28)	State of Ground. (29)	Sea. 0-9 (30)	WEATHER. (31-34)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			Dir. (3)	Force. 0-12 (4)					Form. (9)	Amount. (10)	High (11)	Low (12)				Form. (23)	Amount. (24)					High (25)	Low (26)	7h.—13h. 2nd. (31)	13h.—18h. 2nd. (32)				18h.—2nd 1h.—3rd (33)	1h.—7h. 3rd (34)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
(For heights see p. 4.)	mb.												mb.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</

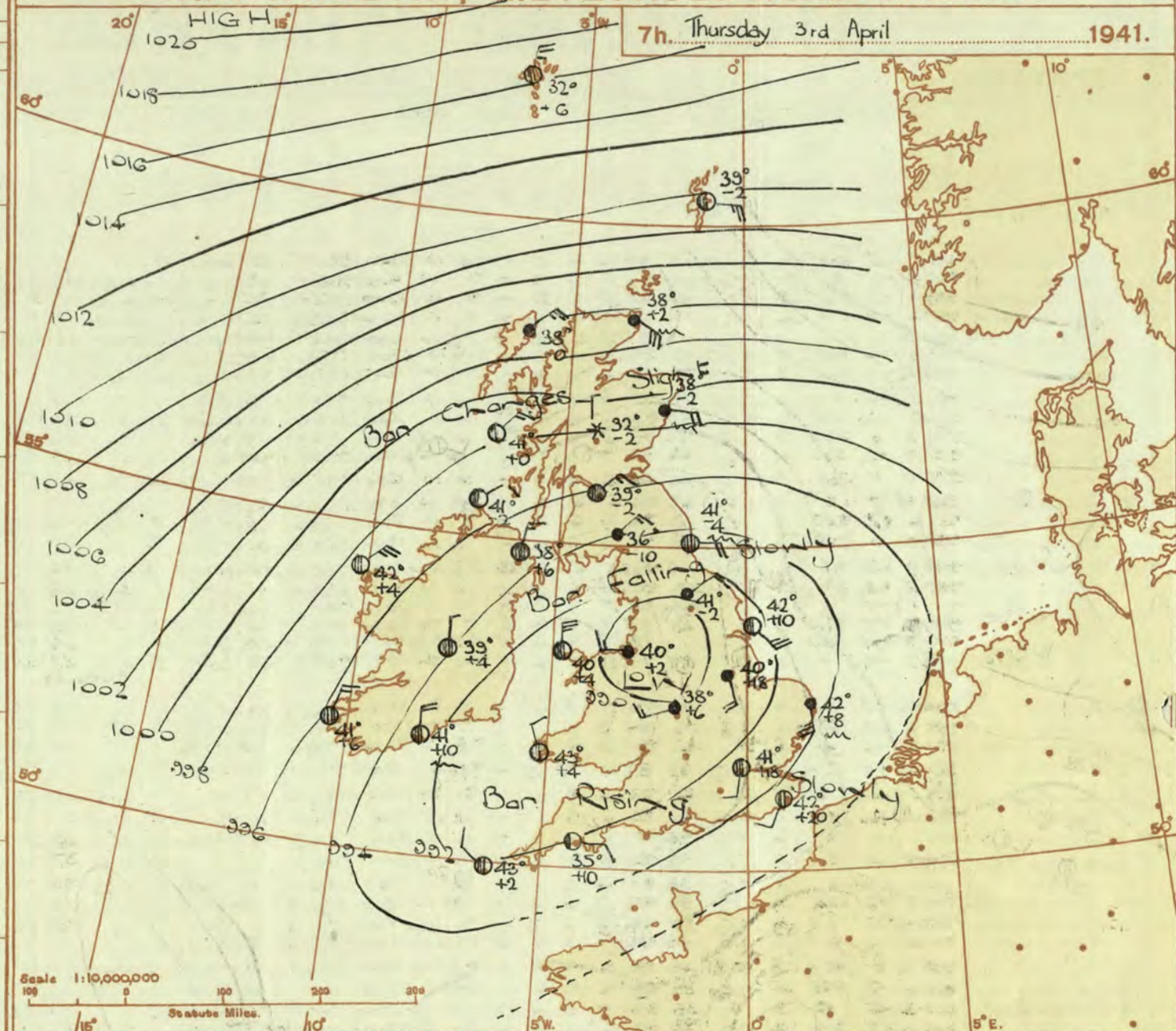


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T.	18h. G.M.T.	01h. G.M.T.	07h. G.M.T.
III. C <sub>M</sub> ww Vh <sub>N</sub> DDFWN	C <sub>M</sub> ww Vh <sub>N</sub> DDFWN	C <sub>M</sub> ww Vh <sub>N</sub> DDFWN	C <sub>M</sub> ww Vh <sub>N</sub> DDFWN
1095 - 61708 42308	5- 62638 42608	5- 61638 41608	62 64635 42608
115			
203		5- 03838 04528	
2085 2 62744 41438	62 61745 03568	62 61746 41468	52 61535 10468
210	62 22736 08568	6- 62647 41567	62 62635 08568
22083 62855 04310			
23057 62365 06517	51 02366 06418	50 01852 08162	57 62364 09068
2456- 62288 08358	5- 65638 08668	62 64637 42668	62 53638 08668
26052 52633 08458	62 62625 06368	6- 62638 08368	62 22535 08368
2757 02736 06457	53 02765 06427	5- 22758 06368	57 02853 32427
2796 2 43648 07367	62 05646 05528		62 05644 04428
2850 2 72538 08578	5- 67209 08568		6- 61538 04568
2885- 22638 06468	5- 05528 07428		62 22637 06468
273			56 02653 01315
30153 05635 06427	62 61640 08468	62 61547 04368	62 61647 02468
32152 05636 08428	5- 61638 08468	6- 64538 07668	6- 58528 43468
2995- 05438 10628	5- 63538 08568	5- 64538 07668	52 02747 10527
2923- 05028 06358	5- 62537 07368	5- 61638 06568	52 61636 10368
310	5- 43209 08428		5- 57209 20348
3165- 12748 09368	62 62535 06368	5- 08438 04368	5- 67328 14368
3385- 62748 06208	5- 61655 05268	51 22654 00068	5- 51838 02368
334	5- 64547 08288		5- 03647 04188
34073 05645 05668	52 05646 06388	5- 22548 04168	61 21547 00068
1365- 51738 09488	57 63636 07487	5- 05638 13468	57 05636 14467
33662 62783 08468	62 22753 06368		
35052 22647 08468	6- 62628 04368		5- 22638 16368
36857 61640 04328			
376- 62438 08368	6- 62638 08268	6- 62638 00068	6- 21428 24358
39052 26747 10488	5- 22547 10167	5- 22547 16487	52 62526 16368
38252 21647 07368	57 05646 03228	5- 52547 2067	5- 05648 20328
43851 62748 12088			
4305- 61635 10368	5- 62547 24287	5- 05558 00028	
40024 02746 32426	84 01643 24325	53 02744 28214	83 02754 16225

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 3rd April, 1941.

1 S.E. England	
2 E. England ...	Light or moderate S.W. winds; local thundery showers and bright intervals; local fog developing towards dawn; temperature rather higher than of late but still below normal.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Variable winds, finally becoming W. or S.W., light or moderate; dull and rainy at first; some bright intervals later; rather cold.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man	
13 { A.W. Scotland B.N.W. Scotland	Fresh or strong easterly winds; dull and rainy; rather cold.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Moderate northerly wind backing north-west, cloudy with occasional showers, some bright intervals; rather cold.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

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

GENERAL INFERENCE.

A depression centred over the N.W. Midlands is moving slowly northwards. Weather will be dull, rainy and cold in northern districts. In the South there will be some bright intervals, though with local thundery showers, and with temperature rising somewhat. Fog will develop locally in Southern districts tonight.

FURTHER OUTLOOK.

No great change.

Forecasts issued at 1030h G.M.T.

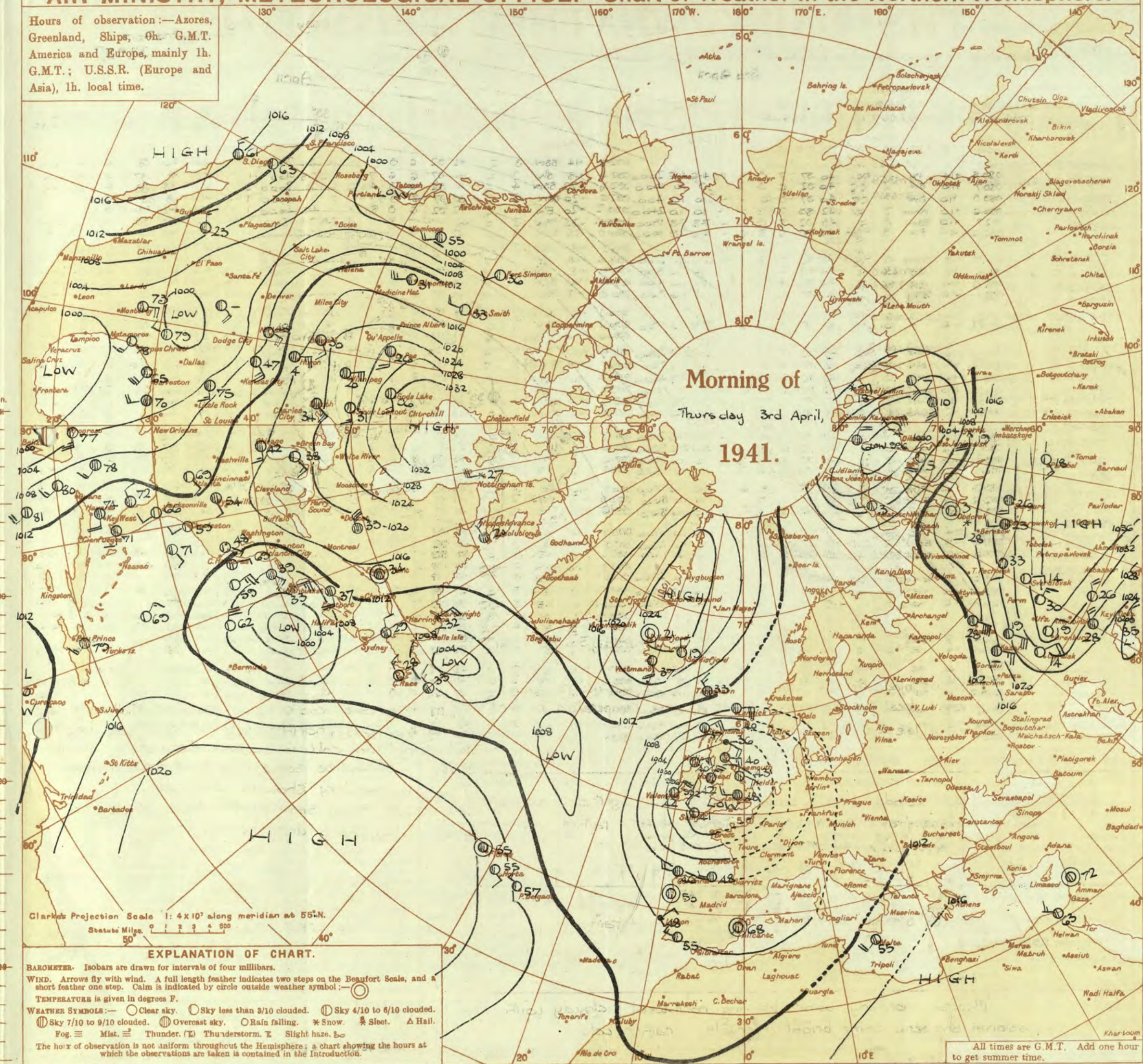
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 3rd April 1941.

No. 28,287

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.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.			Barom. at M.S.L. (29)	Change in 3 hours.	TEMPERATURE.					Sun-shine 2nd Hrs.					
					Dirc.	Force.					Form.	Amount.	Height of Base (feet).			Dirc.	Force.					Form.	Amount.	Height of Base (feet).			State of Ground.	Sea. 0-9	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.			
1	London (Kew) ...	18	30.2	+0.1	W	3	bc	42	82	6	Low	10	2000	30.2	+0.1	W	3	bc	42	82	6	Low	10	2000	30.2	+0.1	43	40	38	4	4	0.0	0.0	0.0			
	Croydon ...	217	30.3	+0.1	W	3	bc	40	87	7	Low	10	2000	30.2	+0.1	W	3	bc	41	87	6	Low	10	2000	30.2	+0.1	45	38	37	4	3	0.0	0.0	0.0			
	S. Farnborough ...	226	30.7	+0.1	W	3	bc	40	87	6	Low	10	2000	30.2	+0.1	W	3	bc	41	87	6	Low	10	2000	30.2	+0.1	46	38	38	4	5	0.0	0.0	0.0			
	Boscombe Down ...	417	30.5	+0.1	W	3	bc	40	87	6	Low	10	2000	30.2	+0.1	W	3	bc	41	87	6	Low	10	2000	30.2	+0.1	46	38	38	5	6	0.0	0.0	0.0			
	Thorney Island ...	10	30.6	+0.1	W	3	bc	42	85	7	Low	10	2000	30.2	+0.1	W	3	bc	42	82	6	Low	10	2000	30.2	+0.1	46	40	34	3	1	0.0	0.0	0.0			
	Lymington ...	346	30.7	+0.1	W	3	bc	43	82	7	Low	10	2000	30.2	+0.1	W	3	bc	42	85	6	Low	10	2000	30.2	+0.1	46	40	38	5	3	0.0	0.0	0.0			
	Manston ...	154	30.2	+0.1	W	3	bc	44	85	6	Low	10	2000	30.2	+0.1	W	3	bc	42	85	7	Low	10	2000	30.2	+0.1	47	40	39	1	0.5	0.0	0.0	0.0			
2	Shoeburyness ...	11	30.3	+0.1	W	3	bc	43	85	7	Low	10	2000	30.2	+0.1	W	3	bc	43	82	7	Low	10	2000	30.2	+0.1	47	42	39	1	0.1	0.0	0.0	0.0			
	Felixstowe ...	15	30.4	+0.1	W	3	bc	44	82	6	Low	10	2000	30.2	+0.1	W	3	bc	42	85	6	Low	10	2000	30.2	+0.1	46	41	39	2	1	0.0	0.0	0.0			
	Gorleston ...	5	30.4	+0.1	W	3	bc	44	85	6	Low	10	2000	30.2	+0.1	W	3	bc	43	85	7	Low	10	2000	30.2	+0.1	46	41	38	2	3	0.0	0.0	0.0			
	Mildenhall ...	19	30.5	+0.1	W	3	bc	42	87	5	Low	10	2000	30.2	+0.1	W	3	bc	40	87	6	Low	10	2000	30.2	+0.1	45	39	39	1	4	0.0	0.0	0.0			
	Cranwell ...	240	30.1	+0.1	W	3	bc	42	87	5	Low	10	2000	30.2	+0.1	W	3	bc	40	87	6	Low	10	2000	30.2	+0.1	45	39	39	1	4	0.0	0.0	0.0			
3	Birmingham ...	535	30.2	+0.1	W	3	bc	41	87	5	Low	10	2000	30.2	+0.1	W	3	bc	41	87	5	Low	10	2000	30.2	+0.1	44	38	37	2	3	0.0	0.0	0.0			
	Upper Heyford ...	408	30.2	+0.1	W	3	bc	41	87	5	Low	10	2000	30.2	+0.1	W	3	bc	41	87	5	Low	10	2000	30.2	+0.1	44	39	39	2	3	0.0	0.0	0.0			
4	Ross-on-Wye ...	223	30.2	+0.1	W	3	bc	41	87	5	Low	10	2000	30.2	+0.1	W	3	bc	41	87	5	Low	10	2000	30.2	+0.1	44	41	40	3	2	0.0	0.0	0.0			
5	Hartland Point ...	299	30.0	+0.1	W	3	bc	43	82	7	Low	10	2000	30.2	+0.1	W	3	bc	43	75	7	Low	10	2000	30.2	+0.1	45	41	38	1	2	0.0	0.0	0.0			
	Bristol ...	209	30.2	+0.1	W	3	bc	42	87	4	Low	10	2000	30.2	+0.1	W	3	bc	42	82	6	Low	10	2000	30.2	+0.1	45	41	40	1	2	0.0	0.0	0.0			
	Portland Bill ...	32	30.0	+0.1	W	3	bc	43	82	7	Low	10	2000	30.2	+0.1	W	3	bc	44	82	8	Low	10	2000	30.2	+0.1	45	40	38	1	2	0.0	0.0	0.0			
	Plymouth ...	82	30.7	+0.1	W	3	bc	42	85	6	Low	10	2000	30.2	+0.1	W	3	bc	43	87	5	Low	10	2000	30.2	+0.1	46	40	38	1	2	0.0	0.0	0.0			
	The Lizard ...	240	30.3	+0.1	W	3	bc	42	85	6	Low	10	2000	30.2	+0.1	W	3	bc	43	87	5	Low	10	2000	30.2	+0.1	46	40	38	1	2	0.0	0.0	0.0			
	Scilly (St. Mary's) ...	163	30.1	+0.1	W	3	bc	41	85	7	Low	10	2000	30.2	+0.1	W	3	bc	43	87	5	Low	10	2000	30.2	+0.1	46	40	38	1	2	0.0	0.0	0.0			
	Guernsey ...	175	30.1	+0.1	W	3	bc	41	85	7	Low	10	2000	30.2	+0.1	W	3	bc	43	87	5	Low	10	2000	30.2	+0.1	46	40	38	1	2	0.0	0.0	0.0			
6	Pembroke ...	142	30.0	+0.1	W	3	bc	42	85	7	Low	10	2000	30.2	+0.1	W	3	bc	40	87	6	Low	10	2000	30.2	+0.1	46	40	36	2	1	0.0	0.0	0.0			
7	Holyhead ...	26	30.0	+0.1	W	3	bc	41	82	6	Low	10	2000	30.2	+0.1	W	3	bc	40	82	6	Low	10	2000	30.2	+0.1	47	39	38	0.3	2	0.0	0.0	0.0			
	Chester (Sealand) ...	16	30.0	+0.1	W	3	bc	41	82	6	Low	10	2000	30.2	+0.1	W	3	bc	40	82	6	Low	10	2000	30.2	+0.1	47	39	38	0.3	2	0.0	0.0	0.0			
8	Manchester ...	70	30.1	+0.1	W	3	bc	43	85	5	Low	10	2000	30.2	+0.1	W	3	bc	42	82	6	Low	10	2000	30.2	+0.1	47	38	36	0.3	2	0.0	0.0	0.0			
10	Spurn Head ...	29	30.0	+0.1	W	3	bc	43	87	5	Low	10	2000	30.2	+0.1	W	3	bc	41	87	6	Low	10	2000	30.2	+0.1	46	40	38	0.6	3	0.0	0.0	0.0			
	Catterick ...	175	30.2	+0.1	W	3	bc	40	82	6	Low	10	2000	30.2	+0.1	W	3	bc	41	87	6	Low	10	2000	30.2	+0.1	46	40	38	0.6	3	0.0	0.0	0.0			
	Tynemouth ...	108	30.2	+0.1	W	3	bc	40	82	6	Low	10	2000	30.2	+0.1	W	3	bc	41	87	6	Low	10	2000	30.2	+0.1	46	40	38	0.6	3	0.0	0.0	0.0			
11	St. Abbs Head ...	280	30.7	+0.1	W	3	bc	37	87	7	Low	10	2000	30.2	+0.1	W	3	bc	38	82	7	Low	10	2000	30.2	+0.1	38	36	36	2	3	0.0	0.0	0.0			
	Leuchars ...	36	30.8	+0.1	W	3	bc	37	87	6	Low	10	2000	30.2	+0.1	W	3	bc	38	85	6	Low	10	2000	30.2	+0.1	39	36	36	0.6	3	0.0	0.0	0.0			
12	Renfrew (Abbots I.) ...	19	30.0	+0.1	W	3	bc	38	85	6	Low	10	2000	30.2	+0.1	W	3	bc	38	85	6	Low	10	2000	30.2	+0.1	39	36	36	0.6	3	0.0	0.0	0.0			
	Eskdalemuir ...	794	30.3	+0.1	W	3	bc	40	87	7	Low	10	2000	30.2	+0.1	W	3	bc	39	87	7	Low	10	2000	30.2	+0.1	43	39	39	1	5	0.0	0.0	0.0			
	Point of Ayre ...	30	30.3	+0.1	W	3	bc	40	87	7	Low	10	2000	30.2	+0.1	W	3	bc	39	87	7	Low	10	2000	30.2	+0.1	43	39	39	1	5	0.0	0.0	0.0			
13A	Tiree ...	22	30.0	+0.1	W	3	bc	41	85	6	Low	10	2000	30.2	+0.1	W	3	bc	41	85	6	Low	10	2000	30.2	+0.1	46	40	38	0.1	0.3	0.0	0.0	0.0			
13B	Stornoway ...	80	30.0	+0.1	W	3	bc	37	82	7	Low	10	2000	30.2	+0.1	W	3	bc	38	82	7	Low	10	2000	30.2	+0.1	40	37	36	0.1	0.3	0.0	0.0	0.0			
15	Dalwhinnie ...	1176	30.0	+0.1	W	3	bc	38	85	6	Low	10	2000	30.2	+0.1	W	3	bc	38	85	6	Low	10	2000	30.2	+0.1	40	37	36	0.1	0.3	0.0	0.0	0.0			
	Aberdeen ...	79	30.0	+0.1	W	3	bc	38	85	6	Low	10	2000	30.2	+0.1	W	3	bc	38	85	6	Low	10	2000	30.2	+0.1	40	37	36	0.1	0.3	0.0	0.0	0.0			
	Wick ...	81	30.4	+0.1	W	3	bc	38	87	6	Low	10	2000	30.2	+0.1	W	3	bc	38	87	6	Low	10	2000	30.2	+0.1	40	35	35	0.2	3	0.0	0.0	0.0			
16	Lerwick ...	156	30.5	+0.1	W	3	bc	40	85	8	Low	10	2000	30.2	+0.1	W	3	bc	39	85	8	Low	10	2000	30.2	+0.1	44	38	38	1	1	0.0	0.0	0.0			
17	Blackad Point ...	18	30.7	+0.																																	



SECRET

Page 1.

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Friday, 4th April, 1941.  
No. 28,983

OBSERVATIONS at 13h. G.M.T. 3rd April														OBSERVATIONS at 18h. G.M.T. 3rd 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. (6)	Temp. °F. (7)	Humid. % (8)	Visiblity. 0-12 (9)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (20)	Temp. °F. (21)	Humid. % (22)	Visiblity (23)	Cloud.					Barom. at M.S.L. mb. (29)	Change in 3 hours. (30)	WEATHER.																																																																																																																																																																																																																																																																																																																																																														
				Direc. (3)	Force. 0-12 (4)					Form. (10)	Amount. (11)	Height of Base. (feet) (14)	Form. (24)	Amount. (25)			Height of Base (feet) (28)	State of Ground. 0-6 (29)					Sea. 0-9 (30)	7h.-13h. 3rd (37)	13h.-18h. 3rd (38)	18h. to 4th (39)				1h.-7h. 4th (40)																																																																																																																																																																																																																																																																																																																																																														
																										Low. (12)	Total 0-10 (13)				Low 0-10 (26)	Total 0-10 (27)																																																																																																																																																																																																																																																																																																																																																												
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Thorney Island ... Lympe ... Manston ...	305.6 305.4 305.3 304.6 306.0 308.1 307.4	+14 +8 +14 +6 +12 +10 +14	SSW SSW S.W. S S.W. S.W. SSW	4 4 4 4 4 4 5	20 pr a cjp c/p c/p c/p	48 47 48 47 46 47 48	75 75 75 75 92 85 85	6 7 7 8 7 2 2	7 9 6 - 8 2 -	7 1 - - 3 1 -	2 9 - - 2 10 10	9 10 9 9 1500 800 1100	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 2	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. S.W. S.W. S.W. S.W.	3 3 3 4 2 2 3	2 2 2 2 2 2 3	2 2 2 2 2 2 3	46 47 47 44 45 46 48	85 75 75 85 85 85 75	6 8 7 7 7 4 2	3 1 3 2 4 4 3	0 1 - - - - -	9 7 8 7 7 2 2	9 8 8 4 9 9 9	1500 2000 2000 2500 1500 800 1800	306.0 307.3 307.0 306.6 307.7 307.6 308.7	+8 +10 +10 +14 +10 +10 +12	S.W. S.W. S.W. 

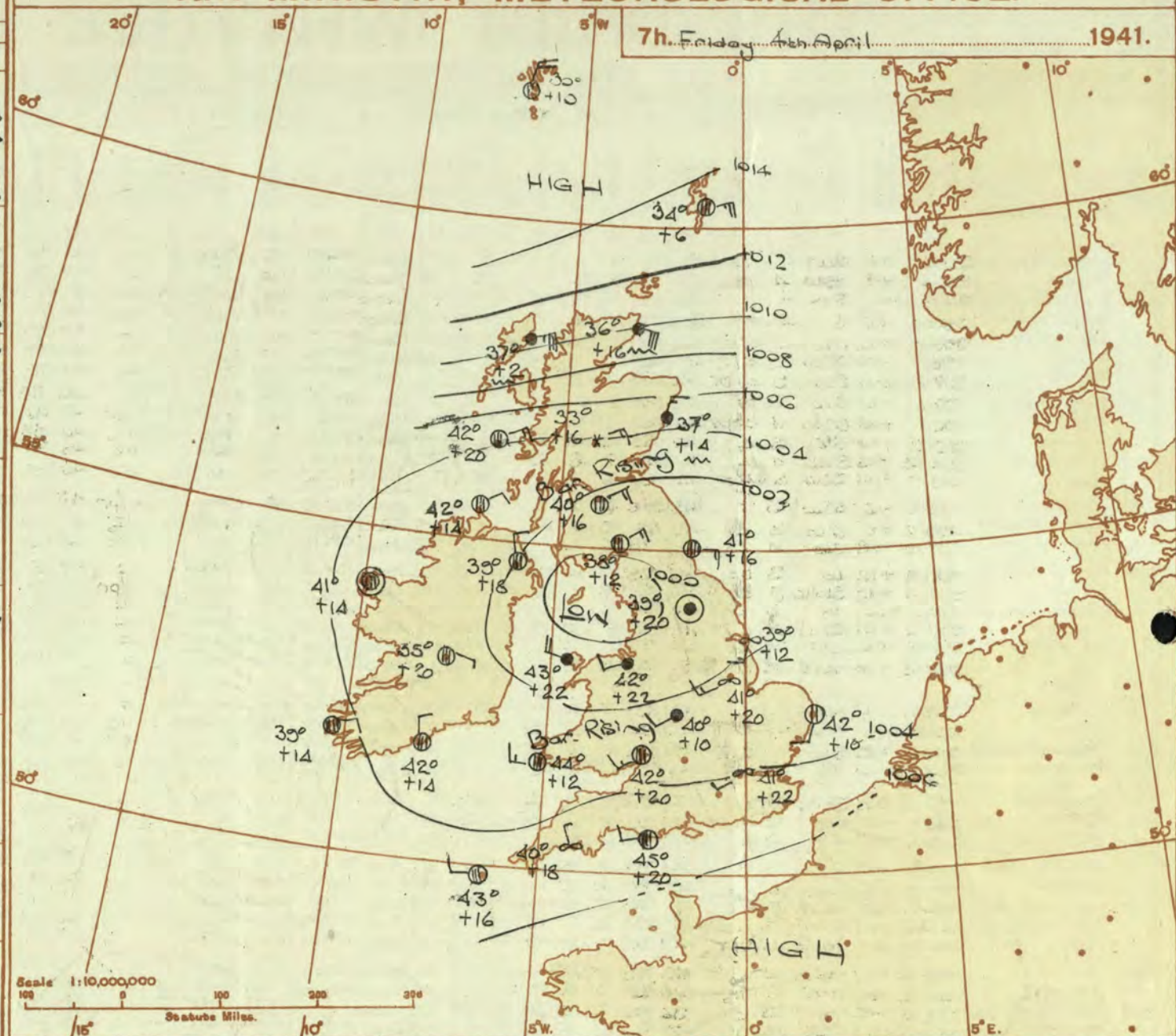


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 3rd April 18h. G.M.T.				01h. G.M.T. 4th April 07h. G.M.T.								
IIIC <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	
109	62	61746	09568	62	64636	41668	6-	62648	38768	8-	02846	41627
115	52	62735	08568	87	62735	08468	87	62135	41568	87	40665	07636
203				64	10835	04627	8-	61845	06525	5-	81848	04588
206	62	62746	08368	62	62736	08468	62	61736	08368	52	61736	04368
210	62	62635	41568	62	62637	08468	62	62636	41568	62	62635	04668
220	53	02854	04417	83	02846	04527				83	01853	03414
230	52	61953	04328	5-	02867	06227	53	01864	06115	54	01865	03216
245				5-	22638	41568	5-	61418	04668	62	62625	26568
260	02	51438	04368	52	61835	06368	5-	52538	04258	5-	62638	04468
277	53	02735	04477	5-	22657	30267	5-	02758	32468	51	62756	29368
279	57	05544	06425	62	64637	04368	--	08438	02468	02	61438	04268
285	6-	63538	08468	6-	64538	08468				--	44209	08249
288	5-	51748	09328	8-	05648	10268	5-	05648	10128	57	05545	19127
273	23	01662	02224									
301	6-	67228	10368	--	48309	13169	02	61648	21268			
321	6-	61538	17368	83	22545	18267	50	05563	16213	57	51556	16258
299	50	62756	10566	57	05664	10415	5-	05547	16227	5-	05555	20215
292	62	62526	10268	32	61547	10267	5-	08457	00027	5-	22448	15168
310	--	03528	20348	--	02528	20428						
316	62	22435	16268	86	05662	20283	4-	05664	17388	62	62435	20268
338	62	62635	32268	62	61635	29368	5-	63638	28368			
334	--	03647	08327	--	62638	22368				--	02646	24327
340	62	62735	20368	52	61735	22368	5-	21658	08268			
136	56	10645	19366	30	27846	17387	50	05652	16382	52	05645	18327
336	52	61753	24468	62	61753	20368				54	02753	24415
350	83	01854	18425	86	05654	16485						
368	8-	02767	25367									
379	8-	02755	20415	3-	81648	20388	5-	05648	20328	5-	05547	22327
390	80	05656	16427	53	05663	18113	5-	63448	18268			
882	8-	02755	21426	86	40654	18425	57	05663	00025	53	05676	22227
438	50	02745	20425							80	10754	23414
430	87	25745	18487	43	01663	20415	9-	81648	18388	03	08430	20113
409	86	02755	19428	52	81757	32268	53	05644	16166	53	05644	16226

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 4th April

1 S.E. England	Light or moderate west or southwest wind. Occasional showers and bright intervals.
2 E. England ...	Local thunder this afternoon. Local fog ground down. Temperature slightly below average.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Light variable winds. Cloudy with occasional rain; rather cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl <sup>d</sup> B.N.W. Scot- land.	Fresh or strong east wind, moderating. Dull and rainy. Snow on high ground. Rather cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	Light northerly to variable wind. Local showers and bright intervals.
19 S. E. Ireland	Rather cold
20 S. W. Ireland	

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

**GENERAL INFERENCE.**  
A depression centered over the northern Irish Sea is almost stationary and is filling up. In Scotland it will be dull, rainy and rather cold with snow on high ground. Elsewhere there will be some showers, with local thunder this afternoon, but with bright intervals and with temperatures nearly up to the seasonal average. Local fog will form in southern districts towards dawn.

FURTHER OUTLOOK.

General rain probably spreading into western districts.

Forecasts issued at 10.30. G.M.T.

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

H.M.S.O. Press, Crowned 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.

Morning of  
Friday 4th April,  
1941.

Clarke'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. ⚡ Hail.  
☁ Fog. ☁ Mist. ☁ Thunder. (T) Thunderstorm. ☁ Slight haze. ☁

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 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. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.				RAINFALL.		SUNSHINE. 3rd. Hrs. (36)		
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Direc. (17)	Force. (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (25)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)												
																												Low. (12)			Med. (13)	High (14)	Low 0-10 (12)	Total 0-10 (13)	Height of Base. (feet) (26)	Total 0-10 (27)		Height of Base. (feet) (28)	
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1004.0	+20	SW	3	zo	42	92	6	5	-	-	2-3	2-3	2500	1	*	43	41	32	Tr	4	6.0				
	Croydon	217	1000.8	+18	SSW	1	c/r	42	92	6	5	2	-	3	10	1600	1004.1	+22	SW	1	zo	41	92	6	-	3	-	0	4-6	1	49	40	37	0.2	4	4.8			
	S. Farnborough	226	1000.2	+6	S	2	bc/pr	42	92	6	5	-	-	4-6	4-6	2500	1004.8	+30	SSW	1	bc	40	92	7	-	3	-	0	4-6	1	49	38	33	-	1	7.6			
	Boscombe Down	417	1000.5	+14	SW	3	zo	37	97	8	5	-	-	7-8	7-8	2800	1004.3	+22	SW	3	c	40	92	7	5	-	-	9	9	4000	1	51	40	34	0.2	2	*		
	Thorney Island	10	1001.0	+10	SW	2	c/pr	42	92	6	5	-	-	10	10	1800	1005.2	+26	SW	2	zo	42	92	6	5	-	-	4-6	4-6	5700	1	49	40	34	0.5	1	4.7		
	Lymington	346	1002.6	+6	SSE	3	c/pr	44	92	6	8	-	-	10	10	1200	1005.5	+24	SSW	2	zo	42	97	6	5	-	-	3	3	1000	1	50	39	34	0.3	1	*		
	Manston	154	1001.7	+6	SW	3	c/pr	44	92	6	8	-	-	3	3	1800	1005.6	+32	SW	2	bc	42	97	7	8	-	2	4-6	4-6	2000	1	50	40	37	Tr	2	*		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1004.8	+24	SW	1	bc	44	85	6	5	3	-	-	4-6	4-6	4000	1	*	48	42	37	2	0.5	3.6			
	Felixstowe	15	1001.2	+6	SSW	4	pr	44	92	6	8	2	-	4-6	10	3000	1003.3	+18	SW	3	bc	43	92	8	5	3	-	Tr	2-3	2000	1	49	41	38	3	1	2.4		
	Gorleston	5	1001.2	+12	SW	3	c	44	92	6	5	-	-	9	3	1500	1002.9	+10	SSW	2	bc/r	42	92	6	6	3	-	2-3	4-6	1800	1	30	41	38	1	1	*		
	Mildenhall	19	1000.0	+10	S	3	zo	41	92	6	5	-	-	0	2-3	-	1002.3	+20	SSW	3	c	41	92	7	5	7	-	4-6	7-8	2500	1	52	40	30	0.6	0.3	3.5		
	Cranwell	240	999.3	+10	SSW	3	zo	41	97	6	8	-	-	3	3	2000	1002.0	+20	SW	3	zo	41	97	6	5	2	-	9	10	1500	1	48	35	32	3	0.6	0.5		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1002.2	+10	SW	2	ir.	40	92	6	6	7	-	-	4-6	7-8	800	1	*	47	39	37	4	3	0.3			
	Upper Heyford	408	999.4	+10	SSW	2	zo	39	97	5	5	-	-	4-6	4-6	4000	1003.0	+28	SW	3	zo	40	97	6	5	-	-	10	10	600	1	51	38	36	Tr	2	*		
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1002.7	+20	SW	3	c	42	85	6	5	7	-	-	7-8	9	2500	1	*	51	41	37	-	0.5	1.7			
5	Hartland Point	299	1000.5	+14	NNW	3	c	43	92	7	5	2	-	4-6	10	1500	1003.5	+18	W	3	c	44	85	7	8	5	-	4-6	9	2000	1	3	48	42	40	-	0.3	7.9	
	Bristol	209	1000.4	+14	N	3	c/pr	41	92	6	8	-	-	10	10	1200	1004.1	+24	WSW	3	c	42	85	7	5	-	-	9	9	3000	1	51	40	37	0.1	0.3	3.3		
	Portland Bill	32	1000.6	+16	SW	2	bc	44	92	8	5	-	-	4-6	4-6	4000	1004.7	+20	NNW	2	c	45	92	8	5	4	-	4-6	7-8	4000	1	4	47	42	-	-	1	*	
	Plymouth	82	1001.9	+18	W	2	zo	43	85	6	5	-	-	4-6	4-6	2500	1005.0	+18	NNW	1	z.	40	97	5	5	-	-	10	10	4000	0	1	50	39	34	0.5	7	6.0	
	The Lizard	240	1001.7	+14	N	4	c	43	92	7	8	2	-	3	10	1500	1004.4	+14	N'S	3	c	45	92	7	8	2	-	7-8	9	1500	0	2	51	42	-	-	7	8.3	
	Scilly (St. Mary's)	163	1002.0	+14	W	2	c	44	92	7	5	-	-	3	3	1500	1004.3	+16	W	2	c/pr	43	75	7	8	-	-	9	9	1500	1	3	52	42	-	-	3	5.2	
6	Pembroke	142	1000.4	+12	N	3	c	44	85	6	8	2	-	7-8	10	1500	1002.6	+12	W	3	c	44	92	7	5	6	-	7-8	9	2000	1	3	45	39	-	-	0.6	1	0.1
7	Holyhead	26	997.3	+14	NNW	5	zo	43	85	5	5	2	-	3	10	800	1000.8	+22	NNW	4	ro	43	92	6	5	2	-	7-8	7-8	900	1	3	44	41	40	2	1	0.0	
	Chester (Sealand)	16	997.0	+10	SSE	1	o/r	41	92	6	5	-	-	10	10	2100	1000.2	+22	WSW	2	pr	42	85	7	3	-	-	10	10	1000	1	*	43	41	38	2	3	0.0	
8	Manchester	70	997.5	+12	SE	2	o/r	41	92	4	-	2	-	10	10	1000	1000.3	+12	SE	2	pr	41	97	4	3	2	-	9	10	800	1	*	45	39	36	4	1	0.0	
10	Spurn Head	29	998.4	+6	SE	3	bc	42	92	7	8	-	-	4-6	4-6	2500	1001.2	+12	SW	3	zo	39	97	6	8	7	-	2-3	7-8	4000	1	3	47	39	-	-	2	8	0.2
	Catterick	175	997.9	+12	SSE	1	zo	39	97	5	5	-	-	10	10	2500	1000.9	+20	-	0	ro	39	97	4	-	2	-	10	10	600	1	*	43	37	37	1	0.5	0.0	
	Tynemouth	108	998.7	+12	SE	3	c	41	97	6	5	-	-	10	10	1500	1000.9	+16	E	3	o	41	97	6	-	2	-	10	10	2500	1	4	43	40	38	0.5	0.3	*	
11	St. Abbs Head	280	999.1	+8	ESE	3	rf	40	97	2	-	-	-	10	10	1500	1001.5	+18	NNE	3	o/r	40	97	4	5	-	-	10	10	500	1	3	40	39	-	-	2	3	0.0
	Leuchars	36	1000.8	+8	ENE	2	dr	39	97	4	5	-	-	10	10	500	1002.9	+14	NE	3	ir.	38	92	6	5	-	-	10	10	500	2	*	37	37	37	3	7	0.0	
12	Renfrew (Abbots L.)	19	1000.7	+6	NEN	3	c	39	85	7	5	-	-	10	10	1400	1002.9	+16	NEE	3	c	40	85	8	5	7	-	4-6	9	1500	1	*	44	39	37	Tr	Tr	0.2	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	1001.1	+12	NEE	3	c	38	97	6	5	-	-	-	10	10	450	1	1	43	36	36	1	2	0.0			
	Point of Ayre	30	996.9	+12	NE'E	4	ro	42	97	7	6	2	-	7-8	10	1500	999.5	+16	NNE	3	c	41	92	7	5	1	-	3	10	2500	1	3	45	41	-	-	1	0.1	
13A	Tiree	22	1001.9	+10	NE	3	c	42	85	8	5	-	-	7-8	7-8	2800	1003.7	+20	NE	3	c	42	85	8	5	-	-	9	9	2500	0	4	44	40	-	-	-	0.0	
13B	Stornoway	80	1007.7	+18	ENE	5	ro	37	92	7	8	7	-	7-8	7-8	1200	1010.3	+12	ENE	7	ro	37	85	7	6	7	-	7-8	10	800	1	5	41	36	-	-	0.3	1	*
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.3	+16	NE	3	is.	33	85	6	5	-	-	10	10	800	1	*	32	30	30	0.2	0.1	0.0	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1005.5	+14	NNE	3	rr	37	97	6	6	2	-	-	9	10	800	1	5	39	36	35	3	2	0.0			
	Wick	81	1007.3	+8	ESE	6	rr	37	97	6	5	2	-	7-8	10	800	1003.4	+16	ESE	6	rr	36	97	7	5	2	-	7-8	10	800	1	5	38	34	-	-	2	*	
16	Lerwick	156	1012.5	+6	NE	5	c	36	85	7	5	2	-	4-6	10	800	1013.2	+6	ENE	5	rr	34	92	7	8	7	-	7-8	5	800	*	*	42	33	-	-	2	0.0	
17	Blacksod Point	18	1001.5	+10	NE	1	c	43	92	8	-	7	-	0	3	-	1003.5	+14	-	0	c	41	92	8	-	1	-	0	10	-	0	2	43	38	-	-	*	*	
18	Malin Head	84	1000.7	+12	NE	3	c/pr	42	85	6	6	-	-	3	3	1500	1003.2	+14</																					



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Saturday 5th April 1941.  
No 28,989.

OBSERVATIONS at 13h. G.M.T. 4th April														OBSERVATIONS at 18h. G.M.T. 4th April														PAST 24 HOURS.																
Distance.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	° Humid.	° Visibility.	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	° Humid.	° Visibility.	Cloud.					Sea. 0-6 (30)	WEATHER.				Sea. 0-6 (30)											
				Dir.	Force.					Low.	Med.	High.	Low 0-10	Total 0-10			Height of Base. (feet)	Low.					Med.	High.	Low 0-10	Total 0-10	Height of Base. (feet)		State of Ground. 0-6 (30)	7h.-13h. 4th	13h.-18h. 4th	18h. to 5th		5th to 1h.-7h. 5th										
1	London (Kew)...	1007.8	+14	SW	3	pr	50	65	8	9	7	-	7-8	9+	1500	1009.3	+8	WSW	3	pr	47	85	5	8	4	1	7-8	7-8	1500	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
	Croydon ...	1007.6	+10	SSW	1	c/phr	50	65	7	2	7	-	4-6	9+	2500	1009.0	+14	SSW	3	z	49	65	6	2	-	-	4-6	4-6	3000	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
	S. Farnborough	1008.3	+6	SSW	3	phr	46	75	8	2	7	-	7-8	10	1600	1009.8	+14	NW	3	pr	44	85	7	3	6	-	5	5+	1800	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
	Boscombe Down	1007.7	+8	SSW	4	c/p	52	65	7	8	3	8	7-8	9	2500	1009.3	+12	WSW	3	c	46	75	7	8	7	-	4-6	7-8	3000	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
	Thorney Island	1008.8	+14	SSW	2	c/pr	46	85	7	8	3	-	9	9+	4000	1011.3	+12	SSW	2	z	46	85	6	-	-	-	0	0	-	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
	Lymington	1008.3	+14	SSW	3	c	49	85	7	2	7	-	9	9	1200	1011.3	+12	SSW	2	z	46	85	6	-	-	-	0	0	-	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
	Manston	1008.6	+18	SSW	4	pr	50	75	7	2	-	6	7-8	9+	2000	1009.8	+10	E	3	z	48	85	6	2	-	-	7-8	7-8	4000	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
2	Shoeburyness ...	1009.4	+16	SW	1	c	53	65	6	3	-	3	9	9+	4000	1010.0	+10	SW	2	bc	49	75	6	8	1	-	4-6	4-6	4000	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
	Felixstowe ...	1007.5	+14	SSW	4	z	51	65	6	8	6	-	4-6	9+	1800	1009.0	+14	SW	2	c	46	85	6	3	6	3	-	4-6	4-6	3000	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr
	Gorleston	1007.5	+20	SW	4	c	49	75	6	5	-	-	9	9	2000	1009.4	+6	SW	2	c	50	65	6	8	3	-	4-6	9	2000	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
	Mildenhall	1006.4	+16	SSW	5	pr	49	65	7	8	3	-	7-8	9+	1500	1008.4	+14	WSW	2	bc	48	75	7	8	3	8	2-3	4-6	1500	0	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
	Cranwell	1005.6	+18	SSW	4	c	47	85	7	8	3	-	9	9+	2000	1008.8	+22	WSW	3	c	47	85	7	8	-	-	9	9	2500	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
3	Birmingham	1005.8	+4	SSW	4	c	47	65	8	7	-	4-6	10	1500	1007.8	+12	WNW	1	c	47	65	6	8	7	-	9	9+	1500	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr		
	Upper Heyford	1006.6	+10	SSW	4	c	48	75	7	8	3	-	7-8	9	2500	1008.4	+12	WSW	3	c	47	65	7	8	3	-	2-3	7-8	2500	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
4	Ross-on-Wye	1006.4	+14	SW	4	pr	48	75	7	8	-	3	9	10	2500	1008.5	+12	W	2	c	48	65	8	8	-	-	7-8	7-8	2500	1	3	bcmz	pr	bcmz	pr	bcmz	pr	1	3	bcmz	pr	bcmz	pr	
5	Hartland Point	1007.4	+14	W	3	c	45	85	8	5	6	-	4-6	7-8	2500	1008.9	+12	W	3	b	48	85	8	2	-	-	1	1	2500	0	3	b	c	b	c	b	c	1	3	b	c	b	c	
	Bristol ...	1007.7	+14	SSW	4	c	50	65	8	2	7	-	4-6	9+	3000	1009.3	+14	WSW	3	c	47	75	7	8	7	-	2-3	9+	2200	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
	Portland Bill	1008.2	+20	S	2	bc	50	62	8	5	-	-	4-6	4-6	4000	1009.3	+10	SW	3	bc	46	82	8	3	-	-	4-6	4-6	4000	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
	Plymouth	1007.9	+10	SSW	4	bc	52	65	7	2	4	-	4-6	4-6	2500	1009.5	+6	W	3	z	48	75	6	2	6	-	2-3	2-3	3000	0	2	b	c	b	c	b	c	1	2	b	c	b	c	
	The Lizard	1006.4	+4	SSW	4	bc	52	75	8	2	6	-	4-6	4-6	2500	1009.2	+4	W	2	bc	50	75	8	2	-	-	2-3	2-3	2500	1	2	b	c	b	c	b	c	1	2	b	c	b	c	
	Soilly (St. Mary's)	1007.7	+14	SSW	2	bc	52	75	8	8	4	3	4-6	4-6	2200	1009.0	+8	WNW	2	bc	50	75	8	8	4	-	2-3	4-6	2200	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
	Guernsey	1007.7	+14	SSW	2	bc	52	75	8	8	4	3	4-6	4-6	2200	1009.0	+8	WNW	2	bc	50	75	8	8	4	-	2-3	4-6	2200	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
6	Pembroke	1006.8	+12	SSW	1	c	47	85	7	8	7	-	2-3	9+	3000	1008.9	+10	W'S	2	bc	46	85	7	2	6	1	2-3	4-6	3000	1	2	b	c	b	c	b	c	1	2	b	c	b	c	
7	Holyhead	1004.8	+18	WNW	4	c	43	85	7	9	2	-	9	10	1400	1007.5	+16	W'S	4	z	43	85	6	5	2	-	7-8	10	700	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
	Chester (Sealand)	1004.9	+18	W	2	z	46	75	6	5	7	-	7-8	9+	2500	1007.8	+12	WNW	2	z	45	85	6	5	-	-	10	10	2500	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
8	Manchester	1005.0	+20	SSW	3	c/r	43	92	5	6	2	-	9	10	700	1007.5	+10	WNW	2	z	45	85	6	5	-	-	10	10	2500	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
10	Spurn Head	1004.6	+12	SW	3	z	47	85	5	8	6	-	7-8	10	2500	1007.0	+8	W'S	2	z	44	92	6	8	6	-	2-3	4-6	1500	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
	Catterick	1004.2	+12	-	0	z	48	75	6	8	-	-	9+	9+	2200	1007.2	+16	-	0	RR	40	97	4	3	-	-	10	10	600	1	4	b	c	b	c	b	c	1	4	b	c	b	c	
	Tynemouth	1004.6	+16	NE	3	c	42	97	6	5	1	-	4-6	10	1200	1007.5	+10	NNE	3	of	41	97	4	3	-	-	10	10	800	1	4	b	c	b	c	b	c	1	4	b	c	b	c	
11	St. Abbs Head	1005.9	+20	N	2	z	40	97	6	5	-	-	9	10	500	1009.4	+12	NE	4	ro	38	97	8	5	2	-	7-8	10	1000	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
	Leuchars	1007.2	+18	NNE	5	dr	39	92	6	5	-	-	7-8	10	500	1011.2	+28	NE	4	ro	38	92	6	5	-	-	10	10	700	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
12	Renfrew (Abbots L.)	1007.2	+18	NE	4	c	42	75	8	5	2	-	4-6	9+	2200	1011.1	+22	NE	4	ro	40	75	8	5	2	-	4-6	10	2000	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
	Bakdalemuir	1005.4	+14	NE	3	c/r	38	92	8	5	-	-	9+	9+	1500	1008.4	+18	NE	4	d.d.	35	97	6	-	2	-	10	10	220	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
	Point of Ayre	1004.1	+14	N/E	2	c	44	92	6	5	1	-	7-8	9+	2500	1007.5	+20	NE	3	c	43	92	7	5	4	-	2-3	7-8	2500	1	3	b	c	b	c	b	c	1	3	b	c	b	c	
13a	Tiree ...	1004.0	+12	NE	4	bc	45	75	8	5	3	-	2-3	4-6	3500	1010.3	+12	NE	4	bc	43	75	8	1	3	-	1	2-3	3500	0	4	b	c	b	c	b	c	1	4	b	c	b	c	
13b	Stornoway	1004.1	+16	ENE	6	c	41	85	7	5	7	-	7-8	9+	1500	1016.4	+16	ENE	6	c	40	85	8	5</																				



7h. Saturday 5h. April 1941.

**AIR MINISTRY, METEOROLOGICAL OFFICE.**

7h. Saturday 5th April 1941.

Scale 1:10,000,000  
Statute Miles.

Handwritten labels: HIGH, LOW, 1026, 1022, 1018, 1016, 1014, 1012, 1010, 1008, 1006, 1004, 1002, 1000, 998, 996, 994, 992, 990, 988, 986, 984, 982, 980, 978, 976, 974, 972, 970, 968, 966, 964, 962, 960, 958, 956, 954, 952, 950, 948, 946, 944, 942, 940, 938, 936, 934, 932, 930, 928, 926, 924, 922, 920, 918, 916, 914, 912, 910, 908, 906, 904, 902, 900, 898, 896, 894, 892, 890, 888, 886, 884, 882, 880, 878, 876, 874, 872, 870, 868, 866, 864, 862, 860, 858, 856, 854, 852, 850, 848, 846, 844, 842, 840, 838, 836, 834, 832, 830, 828, 826, 824, 822, 820, 818, 816, 814, 812, 810, 808, 806, 804, 802, 800, 798, 796, 794, 792, 790, 788, 786, 784, 782, 780, 778, 776, 774, 772, 770, 768, 766, 764, 762, 760, 758, 756, 754, 752, 750, 748, 746, 744, 742, 740, 738, 736, 734, 732, 730, 728, 726, 724, 722, 720, 718, 716, 714, 712, 710, 708, 706, 704, 702, 700, 698, 696, 694, 692, 690, 688, 686, 684, 682, 680, 678, 676, 674, 672, 670, 668, 666, 664, 662, 660, 658, 656, 654, 652, 650, 648, 646, 644, 642, 640, 638, 636, 634, 632, 630, 628, 626, 624, 622, 620, 618, 616, 614, 612, 610, 608, 606, 604, 602, 600, 598, 596, 594, 592, 590, 588, 586, 584, 582, 580, 578, 576, 574, 572, 570, 568, 566, 564, 562, 560, 558, 556, 554, 552, 550, 548, 546, 544, 542, 540, 538, 536, 534, 532, 530, 528, 526, 524, 522, 520, 518, 516, 514, 512, 510, 508, 506, 504, 502, 500, 498, 496, 494, 492, 490, 488, 486, 484, 482, 480, 478, 476, 474, 472, 470, 468, 466, 464, 462, 460, 458, 456, 454, 452, 450, 448, 446, 444, 442, 440, 438, 436, 434, 432, 430, 428, 426, 424, 422, 420, 418, 416, 414, 412, 410, 408, 406, 404, 402, 400, 398, 396, 394, 392, 390, 388, 386, 384, 382, 380, 378, 376, 374, 372, 370, 368, 366, 364, 362, 360, 358, 356, 354, 352, 350, 348, 346, 344, 342, 340, 338, 336, 334, 332, 330, 328, 326, 324, 322, 320, 318, 316, 314, 312, 310, 308, 306, 304, 302, 300, 298, 296, 294, 292, 290, 288, 286, 284, 282, 280, 278, 276, 274, 272, 270, 268, 266, 264, 262, 260, 258, 256, 254, 252, 250, 248, 246, 244, 242, 240, 238, 236, 234, 232, 230, 228, 226, 224, 222, 220, 218, 216, 214, 212, 210, 208, 206, 204, 202, 200, 198, 196, 194, 192, 190, 188, 186, 184, 182, 180, 178, 176, 174, 172, 170, 168, 166, 164, 162, 160, 158, 156, 154, 152, 150, 148, 146, 144, 142, 140, 138, 136, 134, 132, 130, 128, 126, 124, 122, 120, 118, 116, 114, 112, 110, 108, 106, 104, 102, 100, 98, 96, 94, 92, 90, 88, 86, 84, 82, 80, 78, 76, 74, 72, 70, 68, 66, 64, 62, 60, 58, 56, 54, 52, 50, 48, 46, 44, 42, 40, 38, 36, 34, 32, 30, 28, 26, 24, 22, 20, 18, 16, 14, 12, 10, 8, 6, 4, 2, 0, -2, -4, -6, -8, -10, -12, -14, -16, -18, -20, -22, -24, -26, -28, -30, -32, -34, -36, -38, -40, -42, -44, -46, -48, -50, -52, -54, -56, -58, -60, -62, -64, -66, -68, -70, -72, -74, -76, -78, -80, -82, -84, -86, -88, -90, -92, -94, -96, -98, -100.

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

GENERAL INFERENCE.

An anticyclone centred to northward of the British Isles is moving slowly south. A trough of low pressure away to south west of Britain will extend eastwards to France, and a deep low pressure system is expected to develop to northeast of the Azores. Weather will be mainly dull and rather cold with showers of snow or sleet in the North, and some rain or drizzle extending slowly south over the Midlands, East and Southeast England.

Mainly dry in most districts. Fair or fine in the Northwest, but cloudy or dull in the East and Southeast.

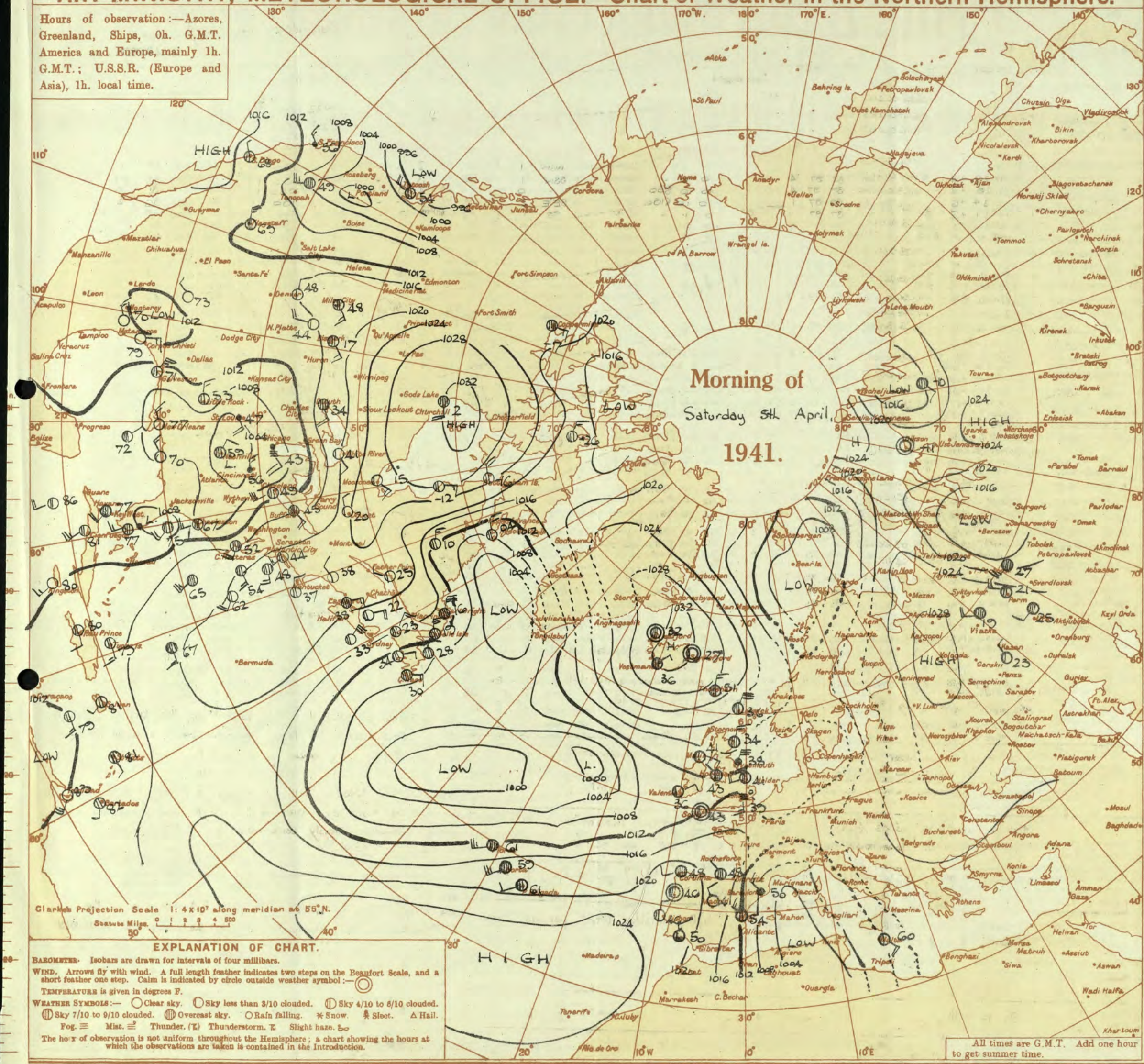
Forecasts issued at 10.30

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



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

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



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

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



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Saturday 5th April 1941.  
No. 28989.

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. mb. (1)	Change in 3 hours. (2)	Wind.		Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.				State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE. (36)				
					Dirce.	Force.				Weather.	Form.		Amount.			Height of Base. (feet) (14)	Dirce.				Force.	Weather.	Form.				Amount.	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-18h mm. (34)	Night 18h-7h mm. (35)		
											Low.	Med.											High.	Low.											Med.	High.
1	London (Kew) ... 18	217	1012.2	+4	S	3	38	97	4	-	-	-	1013.4	+12	WSW	1	F	41	97	2	-	-	-	10	10	4150	1	*	51	36	25	1	0.4	6.0		
	Croydon ... 226	1012.0	+2	-	0	3	38	97	4	-	-	-	1013.2	+10	SSW	1	3	40	97	2	-	-	-	10	10	4150	1	*	53	36	35	0.2	4.5			
	S. Farnborough ... 417	1012.4	+6	-	0	3	38	97	1	-	-	-	1013.3	+10	SE	2	3	38	97	2	-	-	-	10	10	4150	1	*	52	37	36	2	0.1	2.3		
	Thorney Island ... 10	1012.1	+2	SW	2	3	37	97	1	-	-	-	1013.1	+10	SE	1	2	42	97	5	-	-	-	10	10	2500	1	*	51	34	29	0.1	0.1			
	Lympe ... 346	1013.0	+2	SW	1	3	40	97	5	-	-	-	1014.1	+10	W	1	2	38	97	2	-	-	-	10	10	4150	1	*	51	34	30	0.1	0.1			
	Manston ... 154	1012.0	0	SW	2	3	38	97	4	-	-	-	1013.5	+8	W	0	2	37	97	1	-	-	-	10	10	4150	1	*	52	34	32	0.1	0.1			
2	Shoeburyness ... 11	1011.2	+0	WNW	1	4	42	92	6	-	-	-	1013.7	+8	W	1	F	41	97	4	-	-	-	10	10	4150	1	*	55	35	28	0.1	8.1			
	Felixstowe ... 15	1011.4	+4	WNW	2	4	43	85	6	-	-	-	1012.6	+2	WNW	1	bc	40	92	6	-	-	-	4-6	7-8	2500	1	2	54	33	32	0.1	3.8			
	Gorleston ... 19	1010.0	+2	SW	2	4	39	97	5	-	-	-	1012.7	+10	W	2	bc	37	92	5	-	-	-	7-8	7-8	4000	1	*	53	35	28	0.1	2.8			
	Cranwell ... 240	1011.6	+10	W	2	4	38	97	6	-	-	-	1013.2	+14	WNW	3	bc	38	97	3	-	-	-	10	10	4000	1	*	51	35	23	0.4	1.9			
3	Birmingham ... 535	1011.6	+6	-	0	4	39	97	6	-	-	-	1013.2	+6	NNE	1	bc	40	85	3	-	-	-	0	0	-	1	*	50	35	24	0.5	3.4			
	Upper Heyford ... 408	1011.6	+6	-	0	4	39	97	6	-	-	-	1012.9	+10	NNE	1	bc	38	97	5	-	-	-	0	0	5500	1	*	51	36	28	0.1	3.4			
4	Ross-on-Wye ... 223	1011.6	+6	-	0	4	39	97	6	-	-	-	1012.4	+8	SW	1	bc	38	92	5	-	-	-	10	10	4000	1	*	52	37	27	0.1	1.6			
5	Hartland Point ... 299	1011.0	+6	S	2	bc	42	92	8	4	-	-	2-3	2-3	2500	1011.4	+4	SE	2	bc	42	85	8	4	-	-	7-8	7-8	5600	0	3	42	40	37	0.1	4.3
	Bristol ... 209	1013.0	+20	-	0	0	39	92	5	5	-	-	2-3	4-6	5000	1013.3	+14	-	3	3	3	3	-	-	0	7-8	-	1	*	52	33	28	-	3.4		
	Portland Bill ... 32	1011.3	+10	SSW	2	bc	43	92	8	-	-	-	0	0	-	1012.2	+6	SW	2	bc	45	92	8	5	-	-	10	10	4000	1	3	50	40	-	-	
	Plymouth ... 82	1012.1	+6	WNW	1	bc	41	92	5	8	-	-	4-6	4-6	2500	1012.0	+2	WNW	1	bc	38	97	7	3	-	-	1	2-3	2000	1	2	52	34	31	-	5.6
	The Lizard ... 240	1011.1	+6	WNW	2	bc	43	85	8	8	-	-	4-6	4-6	2000	1010.6	-4	WSW	2	bc	43	92	8	8	-	-	7-8	7-8	1500	1	2	53	42	-	10.1	
	Scilly (St. Mary's) ... 183	1011.2	+2	-	0	bc	43	92	8	8	4	-	2-3	2-3	2500	1010.3	-6	SW	1	bc	45	92	8	8	-	-	7-8	0	1800	1	1	53	42	-	9.8	
	Guernsey ... 175	1011.2	+2	-	0	bc	43	92	8	8	4	-	2-3	2-3	2500	1010.3	-6	SW	1	bc	45	92	8	8	-	-	7-8	0	1800	1	1	53	42	-	9.8	
6	Pembroke ... 142	1011.6	+8	WNW	3	c/p	42	92	7	8	-	-	9	9	2500	1011.3	+4	ENE	2	c	42	92	7	8	2	-	7-8	9	2500	1	2	49	41	-	2.4	
7	Holyhead ... 26	1010.9	+10	WNW	2	bc	43	97	5	5	-	-	10	10	3000	1010.9	+10	WNW	2	bc	43	97	5	5	-	-	9	9	5000	1	*	47	-	0.1	-	
	Chester(Sealand) ... 16	1011.2	+14	WNW	1	bc	42	92	5	5	-	-	10	10	1600	1011.2	+14	WNW	1	bc	42	92	5	5	-	-	9	9	1600	1	*	47	-	0.1	-	
8	Manchester ... 70	1011.5	+14	WNW	1	bc	41	92	4	5	2	-	10	10	1600	1013.8	+14	NE	4	bc	40	75	6	5	-	7	4-6	10	1400	1	*	47	39	-	0.5	
10	Spurn Head ... 29	1010.1	+6	WNW	3	bc	41	92	5	5	-	-	10	10	1500	1012.1	+20	WNW	3	bc	42	97	4	5	2	-	7-8	10	1500	1	3	48	40	-	1.1	
	Catterick ... 175	1011.8	+18	WNW	3	bc	39	97	4	-	2	-	10	10	5000	1013.5	+22	WNW	2	bc	37	92	6	6	2	-	9	10	5000	1	*	48	36	36	18	0.1
	Tynemouth ... 108	1012.7	+20	W	6	bc	38	97	7	6	-	-	10	10	8000	1013.7	+16	NE	5	bc	39	75	7	5	-	-	9	9	2400	1	5	43	37	35	0.1	*
11	St. Abbs Head ... 280	1014.7	+18	NE	5	bc	37	85	7	5	2	-	4-6	10	1500	1017.3	+18	NE	4	c/p	37	85	7	5	2	-	7-8	10	1500	1	4	40	36	-	0.6	
	Leuchars ... 36	1013.7	+12	NE	2	c	35	92	7	5	-	-	7-8	7-8	1800	1018.4	+18	NE	3	c	35	85	7	8	-	-	7-8	7-8	2200	1	*	40	34	32	0.6	0.0
12	Renfrew (Abbots L.) ... 19	1013.8	+12	NE	3	c	37	75	7	5	7	-	7-8	7-8	2000	1018.2	+18	NE	2	c	38	75	7	5	-	-	9	9	3000	1	*	43	35	33	0.1	0.0
	Eskdalemuir ... 794	1013.8	+12	NE	3	c	37	75	7	5	7	-	7-8	7-8	2000	1018.2	+18	NE	2	c	38	75	7	5	-	-	9	9	3000	1	*	43	35	33	0.1	0.0
	Point of Ayre ... 30	1012.3	+16	ENE	3	bc	40	85	7	5	4	-	4-6	4-6	2500	1016.9	+10	NE	3	bc	34	92	7	5	-	-	10	10	8000	1	*	42	33	32	0.1	0.0
	Point of Ayre ... 30	1012.3	+16	ENE	3	bc	40	85	7	5	4	-	4-6	4-6	2500	1016.9	+10	NE	3	bc	34	92	7	5	-	-	10	10	8000	1	*	42	33	32	0.1	0.0
13A	Tiree ... 22	1013.1	+16	NE	3	c	41	75	8	5	-	-	9	9	2500	1018.2	+16	NE	3	c	40	85	8	5	-	-	9	9	2500	1	3	47	39	-	8.1	
13B	Stornoway ... 80	1013.3	+10	NE	3	c	38	85	7	5	7	-	7-8	9	1500	1021.1	+16	ENE	5	c/p	38	75	8	8	7	-	7-8	9	1500	1	3	42	36	-	0.3	
15	Dalwhinnie ... 1176	1013.3	+10	NE	3	c	38	85	7	5	7	-	7-8	9	1500	1021.1	+16	ENE	5	c/p	38	75	8	8	7	-	7-8	9	1500	1	3	42	36	-	0.3	
	Aberdeen ... 79	1013.3	+10	NE	3	c	38	85	7	5	7	-	7-8	9	1500	1021.1	+16	ENE	5	c/p	38	75	8	8	7	-	7-8	9	1500	1	3	42	36	-	0.3	
	Wick ... 81	1018.4	+12	NE	4	c	37	75	8	5	7	-	7-8	9	1500	1013.3	+18	NE	3	c	36	75	8	2	7	-	7-8	9	1500	1	4	38	34	31	0.2	
16	Lerwick ... 156	1013.4	+10	NE	6	c	36	85	8	5	2	-	7-8	10	1500	1020.3	+18	NE	5	c	37	75	8	3	7	-	4-6	10	1500	1	4	40	33	-	0.4	
	Lerwick ... 156	1013.4	+10	NE	6	c	36	85	8	5	2	-	7-8	10	1500	1020.3	+18	NE	5	c	37	75	8	3	7	-	4-6	10	1500	1	4	40	33	-	0.4	
17	Blackod Point ... 18	1011.7	+10	E	2	bc	42	92	8	-	5	-	0	2-3	-	1013.6	+10	ENE	3	c	41	97	7	-	4	-	0	1	-	0	3	48	38	-	-	
18	Malin Head ... 84	1014.0	+18	ENE	5	c	41	75	7	9	-	-	9	9	4000	1013.9	+12	ENE	5	c	40	70	7	5	-	-	9	9	2500	0	2	46	37	-	4.1	
	Aldergrove ... 268	1013.1	+14	NE	2	bc	39	85	7	5	-	-	10	10	1600	1015.9	+18	ENE	2	c	38	85	7	5	3	-	4-6	9	3000	1	*	42	36	35	0.2	0.0
19	Birr Castle ... 173	1011.2	+8	N	1	bc	37	92	8	7	7	-	0	2-3	-	1012.7	+14	NNE	2	c	41	97	8	5	-	-	10	10	2500	1	*	54	35	32	-	6.1
20	Valentia Obay. ... 30	1010.2	+10	NE	1	bc	36	97	8	-	-	-	0	0	-	1010.9	+8	NNE	1	c	35	97	8	5	-	-	1	1	4000	0	2	54	33	27	-	7.0
	Roches Point ... 22	1010.6	+14	E	1	c	43	85	8	5	-	-	0	0	2500	1017.9	+8	W	3	c	42	97	7	5	-	-	7-8	7-8	2500	0	3	50	42	-	7.0	

[illegible]

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

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

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



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Sunday 6th April 1941.  
No. 28990.

OBSERVATIONS at 13h. G.M.T. 5th April														OBSERVATIONS at 18h. G.M.T. 5th April														PAST 24 HOURS.							
Director.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 8 hours. (2)	Wind.		Weather.	Temp. °F. (6)	°C. (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	°C. (21)	Visibility. 0-6 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.					
				Dir.	Force. 0-12 (4)					Form.	Amount. 0-10 (12)	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. 0-10 (26)					Height of Base. (feet) (28)	7h.—18h. 5th (37)	18h.—18h. 5th (38)	18h.—5th. to 6th (39)	1h.—7h. 6th (40)								
1	London (Kew)...	1013.7	-6	EHE	3	h	49	75	4	8	-	10	10	1500	1015.1	+12	NEN	4	ir.	44	85	5	6	2	-	7-8	10	1500	1	*	ofemo	cuprciam	cmgcm	c	
	Croydon ...	1013.4	-6	WSW	1	Zo	52	55	6	2	7	-	7-8	7-8	2000	1014.5	+10	N	3	rofo	44	92	4	5	-	9+	9+	1800	1	*	cmbozo	cf cln Rr	cmgcm	c	
	S. Farnborough	1013.7	-2	E	1	pr	48	85	6	8	3	-	9	9+	1600	1014.4	+12	NEN	2	cpr	46	75	6	8	3	-	9	9+	3500	1	*	cm-pr	cpmmz	cmgcm	c
	Boscombe Down	1013.9	-2	SE'S	1	Zo	51	75	6	8	-	-	4-6	4-6	1200	1013.7	+2	NNE	4	pr	44	85	6	5	7	-	4-6	3	4000	1	*	Fifemo	cprom	cmgcm	c
	Thorney Island	1013.6	-2	SE	2	c	52	65	9	8	4	-	4-6	7-8	2500	1013.2	-2	ESE	3	c	48	85	7	2	-	6	2-3	7-8	2500	1	*	mo-pr-cb	bcc	cmgcm	c
	Lympe	1015.0	+6	W	1	c	47	85	6	2	-	-	7-8	7-8	900	1014.8	+2	NEN	1	Zo	45	85	6	2	-	6	2-3	4-6	1800	1	2	FF-bemo	bcm-bc	cmgcm	c
	Manston	1014.0	0	ESE	1	fg	49	85	6	2	-	-	4-6	4-6	1200	1014.5	+8	NEN	2	Zo	43	85	6	5	3	-	4-6	7-8	4500	1	*	oF-bemo	bcm-jf	cmgcm	c
2	Shoeburyness ...	1014.1	0	S	1	c	53	75	5	5	-	-	7-8	7-8	2500	1015.3	+4	NNE	2	Zo	45	85	5	8	2	-	7-8	10	4000	1	*	femo-bemo	cmo	cmgcm	c
	Felixstowe ...	1013.7	+2	SSW	3	pr	47	85	5	8	6	-	4-6	9+	2500	1014.7	+14	NNE	4	cpr	43	92	6	5	-	-	10	10	600	1	3	bemo	blu-ir	cmgcm	c
	Gorleston ...	1014.6	+8	NNE	3	c	43	85	6	8	-	-	9+	9+	1500	1016.3	+12	NE	4	id.	41	92	5	6	-	-	10	10	600	1	3	bemo	blu-ir	cmgcm	c
	Mildenhall ...	1014.2	+2	NNW	3	Zo	49	75	6	2	6	-	2-3	4-6	3000	1016.2	+14	NE	4	c	41	85	7	5	2	-	7-8	10	1000	0	*	bemo	bcmoc	c	c
	Cranwell ...	1016.1	+14	NE'H	5	c/r	41	85	7	5	-	-	10	10	500	1018.2	+12	NE	5	c	39	65	7	5	-	-	10	10	2500	1	*	off-cir	cpr-c	cmgcm	c
3	Birmingham	1015.5	+2	NE	3	m	40	92	4	5	-	-	10	10	450	1016.6	+4	NE	4	ir.	39	85	6	5	-	-	10	10	450	1	*	fodm	cmo	cmgcm	c
4	Upper Heyford	1014.1	0	NE	2	Zo	48	75	5	8	3	-	7-8	9+	2000	1016.0	+12	NE	5	Zo	40	85	6	5	-	-	10	10	800	1	*	cmo	cmo	cmgcm	c
	Ross-on-Wye ...	1014.5	0	EHE	4	Zo	49	75	5	2	3	-	4-6	9+	2500	1015.0	+14	NE	4	Og	42	75	6	5	-	-	10	10	1500	1	*	cmo	cmo	cmgcm	c
5	Hartland Point	1011.2	-8	NE	4	bc	48	97	8	6	4	-	2-3	4-6	2500	1011.8	+4	NE	4	c	46	85	8	5	4	-	4-6	7-8	2500	0	4	c	bc	cmgcm	c
	Bristol ...	1013.4	-2	NE	3	pr	48	75	6	8	3	-	7-8	9+	1800	1014.6	+10	EHE	4	ir.	43	92	6	5	1	-	4-6	10	800	1	*	pr-c	cmgcm	cmgcm	c
	Portland Bill ...	1013.1	+2	E	2	c	47	85	8	2	4	-	7-8	10	4000	1011.8	-4	E	2	c	46	85	8	5	1	-	7-8	10	4000	1	3	c	cmgcm	cmgcm	c
	Plymouth ...	1011.9	-4	SSE	2	c/pr	48	75	8	8	-	-	9+	10	2000	1011.3	-2	E	3	rofo	46	85	7	5	1	-	2-3	10	1600	1	3	bemo	cmgcm	cmgcm	c
	The Lizard ...	1000.0	-8	SE	5	rofo	46	92	7	9	2	-	9	10	1000	1008.9	-4	EHE	5	c	45	92	8	8	1	-	9	10	1500	1	3	cmgcm	cmgcm	cmgcm	c
	Soilly (St. Mary's)	1009.6	-8	SE'E	3	rofo	46	85	7	8	2	-	7-8	10	1200	1009.5	+2	EHE	4	bc	47	85	8	8	4	-	4-6	4-6	1500	1	3	cmgcm	cmgcm	cmgcm	c
	Guernsey ...	1009.6	-8	SE'E	3	rofo	46	85	7	8	2	-	7-8	10	1200	1009.5	+2	EHE	4	bc	47	85	8	8	4	-	4-6	4-6	1500	1	3	cmgcm	cmgcm	cmgcm	c
6	Pembroke ...	1012.8	-6	WSW	2	c	47	85	7	8	6	-	4-6	7-8	2500	1013.6	+8	ESE	4	cpr	48	75	7	8	7	-	4-6	9+	1800	1	2	pr-c	c	cmgcm	c
7	Holyhead ...	1015.6	+10	EHE	6	c	43	75	6	8	3	-	7-8	10	3000	1017.6	+14	NE	5	cpr	43	75	6	5	3	-	4-6	9+	4800	1	5	cmgcm	c	cmgcm	c
	Chester (Sealand)	1016.3	+10	NE'E	3	c/r	43	75	5	5	-	-	10	10	4000	1018.4	+12	NE'E	3	pr	44	65	5	5	2	-	9	10	2500	1	*	cmgcm	c	cmgcm	c
8	Manchester ...	1016.1	+6	NE'E	5	Zo	45	75	6	1	3	-	4-6	7-8	2600	1018.8	+18	NE	4	Zo	41	55	6	5	3	-	4-6	9+	2500	1	*	cmgcm	c	cmgcm	c
10	Spurn Head ...	1016.1	+12	NE'H	5	c	41	92	7	5	6	-	4-6	10	2500	1018.2	+10	NNE	5	cpr	46	75	7	8	-	-	9	9+	1500	0	4	cmgcm	c	cmgcm	c
	Catterick ...	1018.8	+8	NE	3	c	40	75	8	8	-	-	7-8	10	1800	1020.7	+18	NNE	3	cpr	37	92	7	8	-	-	9+	9+	4200	1	4	cmgcm	c	cmgcm	c
	Tynemouth ...	1019.6	+16	NE	5	c	40	75	8	8	-	-	9	9	2400	1021.2	+10	NNE	4	c	39	85	8	8	-	-	7-8	7-8	2500	1	4	cmgcm	c	cmgcm	c
11	St. Abbs Head	1020.0	+10	N	3	c	39	75	9	2	4	-	2-3	7-8	2500	1021.8	+8	NNE	5	cpr	37	85	9	2	7	-	4-6	7-8	2000	1	3	c	cmgcm	cmgcm	c
	Leuchars ...	1020.7	+6	NNE	3	ps	38	85	7	8	-	-	9+	9+	1800	1022.9	+10	NE	2	pr	33	85	8	8	3	-	7-8	9	900	1	*	bemo	cmgcm	cmgcm	c
12	Renfrew (Abbots L)	1021.1	+6	NE'E	3	c	43	45	9	7	-	-	9	9	4500	1023.7	+18	EHE	3	pr	38	75	8	7	-	-	9+	9+	2500	1	*	bemo	cmgcm	cmgcm	c
	Edinburgh ...	1019.9	+10	NE	4	ps	37	75	8	8	-	-	10	10	1500	1021.8	+14	NE	4	bc	37	65	8	7	-	-	4-6	4-6	1500	1	*	bemo	cmgcm	cmgcm	c
	Point of Ayre ...	1018.2	+10	EN	4	c	43	75	8	5	4	-	7-8	7-8	4000	1020.3	+10	EHE	5	c	42	75	8	-	7	-	0	9+	-	0	4	bemo	cmgcm	cmgcm	c
13A	Tiree ...	1021.3	+10	EHE	4	bc	44	75	8	7	3	-	4-6	4-6	3500	1023.7	+10	NEN	4	bc	42	85	8	5	-	-	4-6	4-6	3500	0	4	bc	cmgcm	cmgcm	c
13B	Stornoway ...	1025.5	+12	NE	5	c	40	75	8	5	7	-	7-8	9+	2500	1027.1	+8	N	4	c	38	85	9	5	7	-	9	10	2500	1	*	cmgcm	c	cmgcm	c
15	Dalwhinnie ...	1023.7	+20	NE	3	c	34	85	7	5	-	-	10	10	1500	1025.5	+12	NE	3	c	33	75	7	8	-	-	9+	9+	1500	1	*	cmgcm	c	cmgcm	c
	Aberdeen ...	1022.1	+12	NNE	3	cpr	38	85	8	8	-	-	9	9	2500	1023.7	+12	NNW	3	cpr	37	75	8	8	-	-	9	9	2500	1	3	cmgcm	c	cmgcm	c
	Wick ...	1023.8	+14	NNE	4	ps	36	92	8	6	7	-	4-6	9	1500	1024.3	+18	NNE	5	ps	38	85	8	5	7	-	7-8	9	1500	1	4	cmgcm	c	cmgcm	c
16	Lerwick...	1022.6	+2	NE	5	ps	35	85	7	8	-	-	7-8	9	800	1023.6	+6	NE	5	ps	37	65	8	8	7	-	7-8	9+	1500	1	*	cmgcm	c	cmgcm	c
17	Blackod Point...	1017.7	+16	E	4	c	46	85	7	-																									



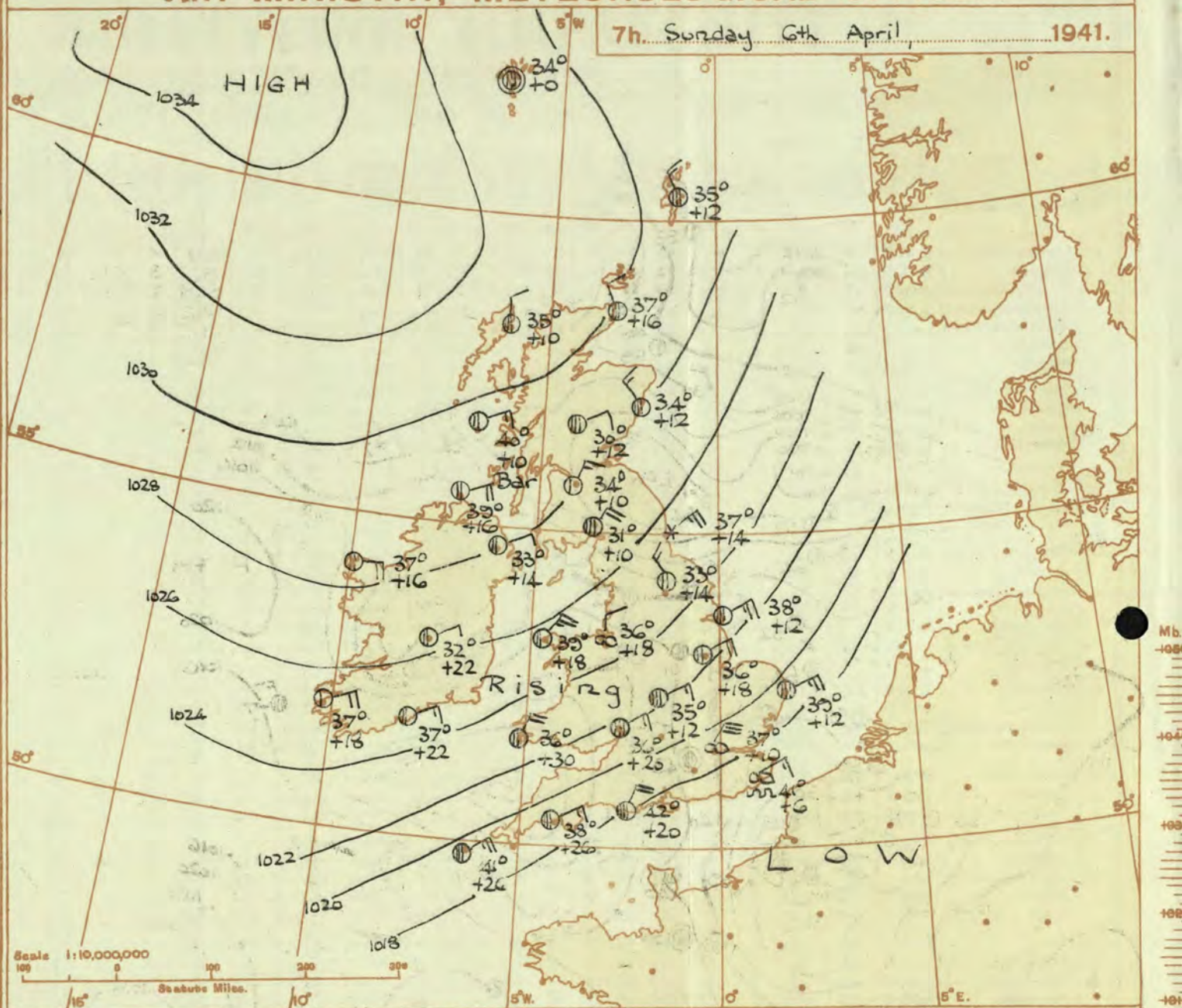
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 5th April				18h. G.M.T.				01h. G.M.T. 6th April				07h. G.M.T.			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN		C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN		C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	
109	8-	02867	01587	8-	10854	02524		87	88844	03386		5-	02867	32426	
115				73	02844	04487		8-	10347	32427		5-	02947	08327	
203								8-	10347	32427		5-	02947	08327	
206	87	02954	02927	87	01954	02225		5-	01964	02224		8-	02865	32325	
210	83	88636	04487	83	01953	02385		80	26953	32383		5-	02867	32387	
220	83	01954	06304									83	02856	32227	
230	13	01964	37414	5-	02967	06227		03	00936	06413		54	00961	06303	
245	76	87447	05587	9-	02956	04486		80	00962	01212		8-	26967	32487	
260	5-	02855	04215	0-	26746	04387		05	00890	32212		83	01962	32114	
277	7-	02957	09327	5-	02965	06425		03	02890	02326		80	00951	03401	
279	9-	81857	04517	60	01864	05424		--	00762	04412		80	00972	35802	
285	8-	03747	08427	8-	83747	08487									
288	87	26845	04468	87	02757	35487		8-	26545	02415		8-	27743	02383	
273	46	05653	07315									54	01752	02214	
301	53	02956	06427	57	05645	05328		5-	05666	04226		50	05762	04322	
321	87	02755	02368	8-	02765	37425		5-	02667	30327		56	01763	32314	
299	72	25645	32568	57	01754	02515		5-	02755	02526		80	01853	02513	
292	52	02846	03467	81	02845	02326		80	00753	32183		86	26856	02387	
310	--	02638	32428												
316	02	02525	32368	5-	02657	02467		5-	05668	02418		5-	01754	32324	
338	5-	05647	04427	53	17673	06464		5-	05658	04418		84	02856	03317	
334	--	04537	16268	--	05536	06228									
340	52	02646	06308	5-	05647	04467		5-	05662	04302		53	05663	32314	
136	5-	05628	32448	87	25647	02488		86	81756	02488		5-	02867	02487	
336	52	02753	08327	52	05653	08428									
350	8-	03647	32417									5-	02848	02528	
368	26	01754	08325												
379				5-	05638	06428		5-	05643	04516		5-	02758	04528	
390	53	05554	08126	5-	22538	04398		5-	21638	02558		5-	51648	02558	
382				5-	05636	04428		5-	05658	02328		5-	02857	03427	
438												5-	03648	04528	
430	86	01754	12284	20	02763	10326		5-	05645	35526		5-	05646	36427	
400	2-	1853	11485	43	02953	04385						5-	01744	04514	

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 6th April, 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 6th April

1 S.E. England	Moderate to fresh, northeast winds, backing slowly. Mainly cloudy with local wintry showers near the East coast. Some brighter intervals especially tomorrow. Cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Moderate to fresh northeast winds. Cloudy with some brighter intervals; cold with sharp night frost in sheltered places.
5 S.W. England	
6 South Wales ...	Moderate to fresh northeast winds, decreasing. Fair or fine; rather cold.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Moderate to fresh northeast to north winds. Bright periods; local wintry showers chiefly near the coast. Cold; frost inland at night.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light easterly to variable winds. Fine, rather cold by day with frost at night.
13 { A.W. Scotl'd. B.N.W. Scot- land.	
14 Mid Scotland	Moderate to light northerly winds. Bright periods; local wintry showers, chiefly near the coast. Cold with frost at night.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 6-8
18 N. E. Ireland	
19 S. E. Ireland	Moderate easterly winds. Fair, rather cold with sharp frost locally at night.
20 S. W. Ireland	

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

SEA DISTURBANCE. Rough. High.

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

GENERAL INFERENCE.

An anticyclone centred between Iceland and the Faeroes covers the British Isles and will begin to move slowly south as a deep depression in mid-Atlantic moves north. A spell of mainly fair weather will become established over most of the British Isles, but there will be local wintry showers for a time near the East coast.

FURTHER OUTLOOK.

Fair for a few days apart from local wintry showers near the East coast.

Forecasts issued at 1030 G.M.T.

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

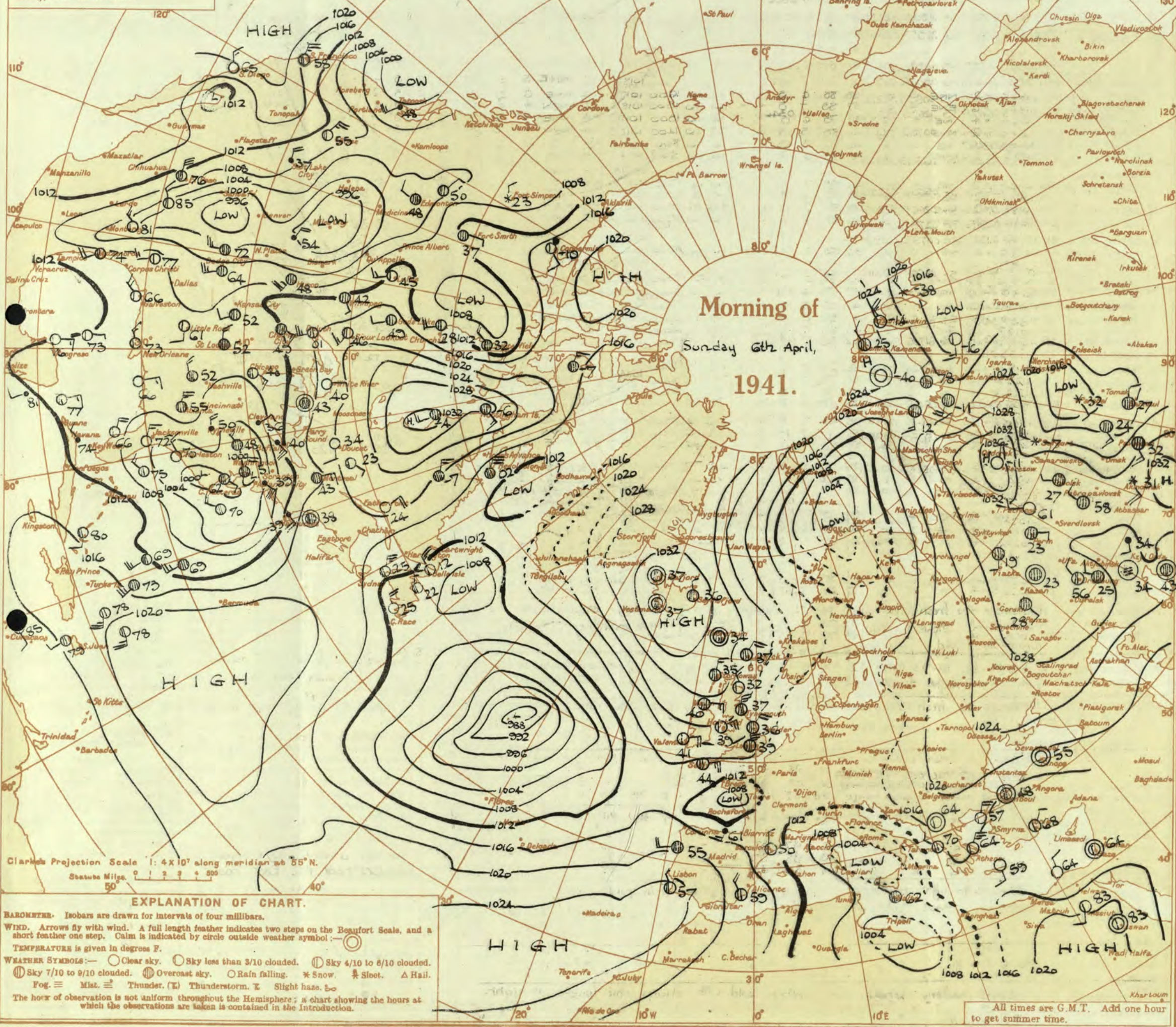
M.O. 252, Form 1, 1940, H.M.S.O.



# 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  
Sunday 6th April,  
1941.





# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 6th April 1941.

No. 28 330

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. 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. 0-9	TEMPERATURE.				RAINFALL.		SUNSHINE Hrs.										
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Frost °F.		Day 7h-18h mm.	Night 18h-7h mm.															
																																Low.	Med.	High.	Low.		Med.	High.	Low.	Med.	High.					
1	London (Kew)	18	30.1	+	W	2	bc	58	85	10	0-10	10	100	30.1	+	W	2	bc	58	85	10	0-10	10	100	30.1	+	W	2	bc	58	85	10	0-10	10	100	30.1	+	W	2	bc	58	85	10	0-10	10	100
	Croydon	217	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	S. Farnborough	226	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Boscombe Down	417	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Thorney Island	10	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Lymington	346	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Manston	164	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
2	Shoeburyness	11	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Felixstowe	15	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Gorleston	5	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Mildenhall	19	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Cranwell	240	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
3	Birmingham	535	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Upper Heyford	408	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
4	Ross-on-Wye	223	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
5	Hartland Point	299	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Bristol	209	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Portland Bill	32	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Plymouth	82	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	The Lizard	240	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Scilly (St. Mary's)	163	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Guernsey	175	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
6	Pembroke	142	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
7	Holyhead	26	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
	Chester (Sealand)	16	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
8	Manchester	70	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100
10	Spurn Head	29	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W	2	bc	57	85	10	0-10	10	100	30.0	+	W								



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 7th April 1941.  
No. 28931

OBSERVATIONS at 13h. G.M.T. 6th April														OBSERVATIONS at 18h. G.M.T. 6th April														PAST 24 HOURS.							
Distant.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	°C. (7)	° Visibility. (8)	Cloud.			Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	°C. (21)	° Humid. (22)	° Visibility. (23)	Cloud.			State of Ground. (29)	Sea. (30)	WEATHER.								
				Direc.	Force. 0-12 (3)					Form.	Amount. 0-10 (10)	Height of Base. (feet) (14)			Direc.	Force. 0-12 (17)						Form.	Amount. 0-10 (24)	Height of Base. (feet) (28)			7h.—13h. 6th (37)	13h.—18h. 6th (38)	18h.—6th to 1h.—7th. (39)	1h.—7th. 7th (40)					
1	London (Kew)...	1021.1	+10	NNE	5	z	40	55	6	5	-	10	10	1500	1022.8	+14	NNE	4	z	40	55	6	5	-	10	10	2500	1	*	cnozc	czoy	czoyc	czoy		
	Croydon ...	1020.3	+8	NE	6	z	39	65	6	5	7	-	4	6	1500	1022.0	+14	NE	6	z	39	65	6	5	-	7	3	1600	1	*	cnozc	czoy	czoyc	czoy	
	S. Farnborough	1021.2	+10	NNE	5	C	40	55	8	5	-	-	10	10	4300	1022.7	+16	NNE	4	C	40	55	8	5	-	3	3	3500	1	*	cy	cy	cbcc	bcc	
	Boscombe Down	1021.3	+4	NE	5	C	39	55	8	5	-	-	9	9	2800	1023.2	+14	NNE	4	C	39	55	8	5	-	3	3	3000	1	*	c	c	c	qg bcc	
	Thorney Island	1019.3	+10	NNE	5	C	43	65	7	7	-	-	7	8	2500	1021.5	+18	NNE	5	C	41	55	7	5	-	7	8	4000	1	*	cnozc	bcyy	c	bcm.bcc	
	Lympne ...	1018.7	+12	NE	4	C	39	85	8	5	-	-	10	10	800	1021.0	+16	NE	5	C	37	85	8	5	-	10	10	2500	1	5	cnozc	c	c	c	
	Manston ...	1018.9	+6	NNE	6	z	40	75	6	5	-	-	10	10	1400	1020.9	+12	NNE	5	C	38	65	7	5	-	7	3	1600	1	*	cnozc	c	c	c	
2	Shoeburyness ...	1019.8	+6	NNE	3	C	41	65	8	5	-	-	10	10	4000	1022.2	+14	NNE	5	C	39	65	7	5	-	10	10	4000	1	*	cnozc	cve	c	cbccv	
	Felixstowe ...	1020.2	+2	NNE	5	C	41	65	8	5	-	-	10	10	2000	1021.7	+6	NE	4	C	39	65	8	5	-	10	10	3000	1	4	c	c	c	b.c	
	Gorleston ...	1021.3	+2	NE	5	C	41	65	7	8	5	-	4	6	2000	1022.3	+12	NNE	6	C	40	65	7	8	-	3	3	1800	0	5	cq	bcyy	cbcc	bccq	
	Mildenhall ...	1021.5	+2	NNE	5	C	42	55	8	5	-	-	7	8	3000	1023.3	+18	NNE	4	C	39	75	8	5	-	3	3	2500	0	*	cybcyy	bcyy	cbcc	bccq	
	Cranwell ...	1024.2	+8	NE	6	C	40	55	8	5	-	-	9	9	3000	1025.4	+14	NE	5	C	38	75	8	5	-	3	3	3000	1	*	cy	yp.s.c	cps.bccp	c	
3	Birmingham	1023.8	+4	NNE	3	C	39	45	6	5	-	-	9	9	4000	1024.8	+6	NNE	3	C	39	55	6	5	-	10	10	2500	1	*	c	cbcc	cbc	bcc	
	Upper Heyford	1023.2	+14	NE	5	C	41	55	8	5	-	-	9	9	2000	1023.8	+10	NNE	5	C	39	65	8	5	-	3	3	3000	1	*	cbcc	c	cps.bcc	bcc	
4	Ross-on-Wye ...	1023.1	0	ENE	5	C	41	55	6	5	-	-	10	10	2500	1024.8	+14	NNE	4	C	40	55	7	5	-	7	8	2500	1	*	c	cy	cyc	cbcc	
5	Hartland Point	1022.7	+14	NNE	5	C	41	65	8	5	-	-	9	9	2200	1024.2	+10	NNE	5	bc	41	65	7	5	-	2	3	2500	0	4	c	cbcc	bcc	cbcc	
	Bristol ...	1023.1	+10	NNE	5	C	40	55	7	5	-	-	10	10	2800	1024.6	+14	NE	5	z	40	55	6	5	-	4	6	3000	1	*	cyq	cyq	bcc	cbcc	
	Portland Bill ...	1020.0	+18	NNE	4	C	41	92	8	5	4	-	4	6	4000	1022.2	+12	NE	4	C	42	92	8	5	-	10	10	4000	1	4	c	c	c	cbcc	
	Plymouth ...	1021.9	+14	NE	4	C	43	65	8	8	2	-	7	8	2500	1023.8	+10	NE	4	z	42	55	6	5	-	3	3	4000	0	3	cbcc	bcyy	cym.bcc	cbcc	
	The Lizard ...	1021.1	+10	N	4	C	42	65	8	8	2	-	9	10	2200	1023.5	+14	NNE	5	C	41	55	7	8	2	-	7	8	2500	1	3	c	cy	c	cbcc
	Scilly (St. Mary's)	1022.8	+14	NE	4	C	42	65	8	5	-	-	10	10	1800	1024.1	+6	NE	4	C	42	55	8	5	2	-	7	8	1500	1	4	c	cy	c	cbcc
6	Pembroke ...	1024.8	+6	NE	5	Cq	42	65	7	8	-	-	9	9	2500	1025.5	+6	NNE	5	Cq	42	65	7	8	6	-	4	6	4000	1	3	q	q	c	bc
7	Holyhead ...	1027.4	+8	NE	5	bc	41	75	8	2	-	-	4	6	3200	1028.0	+6	NE	6	Cq	41	75	8	3	3	-	7	8	2500	1	5	bphq	bc	bc	bc
	Chester (Sealand)	1026.3	+6	NE	3	z	40	65	6	8	7	-	7	8	2500	1027.5	+14	NNE	4	z	39	75	6	5	-	3	3	4000	1	*	cbcc	zps	cps	cbcc	
8	Manchester ...	1026.0	+4	NNE	5	pr	41	55	6	2	-	-	9	9	2600	1027.1	+14	NNE	5	z	39	65	6	8	3	-	7	8	2200	1	*	ps	cbcc	cbcc	cbcc
10	Spurn Head ...	1023.9	+6	NE	5	C	41	55	7	5	6	-	4	6	7800	1025.3	+14	NE	6	Cq	40	75	7	7	6	-	4	6	4000	0	4	c	q	c	cbcc
	Catterick ...	1026.7	+6	NE	4	C	40	45	8	8	-	-	9	9	3000	1028.3	+16	NNE	3	Cq	38	65	8	2	6	-	4	6	3000	1	*	cpsmcy	cyc	c	cbcc
	Tynemouth ...	1027.6	+10	NNE	6	C	40	65	8	2	3	-	4	6	7800	1029.0	+10	NE	6	bc	39	75	8	2	-	4	6	3600	1	5	bcps	cbcc	bcc	c	
11	St. Abbs Head	1028.8	+8	N	4	C	38	65	9	5	2	-	7	8	2000	1029.9	+6	N	4	C	38	75	8	8	2	-	7	8	2000	1	4	cpr	cpr	c	c
	Leuchars ...	1030.2	+10	N	3	C	40	65	9	8	-	-	10	10	2800	1031.2	+10	NNE	3	C	40	65	9	8	7	-	7	8	2800	1	*	cxcphoc	phsyc	cbcc	c
12	Renfrew (Abbots L.)	1030.7	+6	NNE	3	C	41	55	8	7	-	-	10	10	4500	1031.4	+6	NE	2	C	41	55	9	7	-	3	3	4000	1	*	bx	bcyy	cyc	cbcc	
	Bakdalemuir ...	1028.8	+6	NNE	4	C	37	65	6	8	-	-	9	9	1500	1030.1	+10	NE	4	C	35	75	8	8	-	7	8	1500	1	*	cbcc	ps	cps	c	
	Point of Ayre ...	1028.8	+4	NE	3	C	41	65	8	5	3	-	7	8	4000	1029.6	+6	NE	4	C	41	75	8	5	3	-	7	8	2500	0	4	cbcc	c	c	c
13A	Tiree ...	1031.6	+6	NNE	3	bc	45	55	9	1	3	-	2	3	3500	1031.8	0	NNE	2	bc	43	65	9	7	-	4	6	3500	0	3	bc	bc	bcc	c	
13B	Stornoway ...	1032.8	+4	NE	3	C	42	65	8	5	7	-	7	8	2500	1032.9	0	N	3	C	41	75	8	5	3	-	4	6	2000	1	3	cpr	cpr	cpr	c
15	Dalwhinnie ...	1030.0	+10	NE	3	C	35	75	8	5	-	-	10	10	2500	1030.0	0	N	3	C	41	75	8	5	3	-	4	6	2000	1	3	co	cpr	cpr	c
	Aberdeen ...	1030.4	+10	NNW	3	C	40	65	8	7	-	-	10	10	4000	1030.6	+2	NW	3	C	39	75	8	5	-	10	10	2500	1	3	c	cpr	cpr	c	
	Wick ...	1031.0	+6	NNW	3	C	40	75	8	5	7	-	7	8	1500	1030.7	+4	NNW	3	C	40	85	8	5	7	2	7	8	1500	1	3	phr	cpr	cpr	c
16	Lerwick ...	1028.6	-4	NNW	4	C	40	65	8	8	7	-	7	8	1500	1028.2	+2	NNW	4	Cq	38	75	8	8	7	-	7	8	1500	1	*	cphps	cpr	cpr	c
17	Blacksod Point...	1030.5	+8	E	4	C	43	55	8	4	-	-	6	6	5700	1030.3	+2	E	3	bc	44	55	8	-	4	-	0	1	-	0	3	c	bc	b	b
18	Malin Head ...	1031.0	+6	E	2	C	41	55	8	4	-	-	6	6	5700	1031.7	+4	ENE	3	C	40	55	8	1	7	-	4	6	5700	0	2	cyvc	cyvc	bc	cyvc
	Aldergrove ...	1030.0	+6	NE	3	bc	41	45	9	4	-	-	4	6	3000	1030.9	+4	NE	5	C	40	55	8	5	-	3	3	3500	1	*	xbbcy	c	cyc	c	
19	Birr Castle ...	1028.1																																	

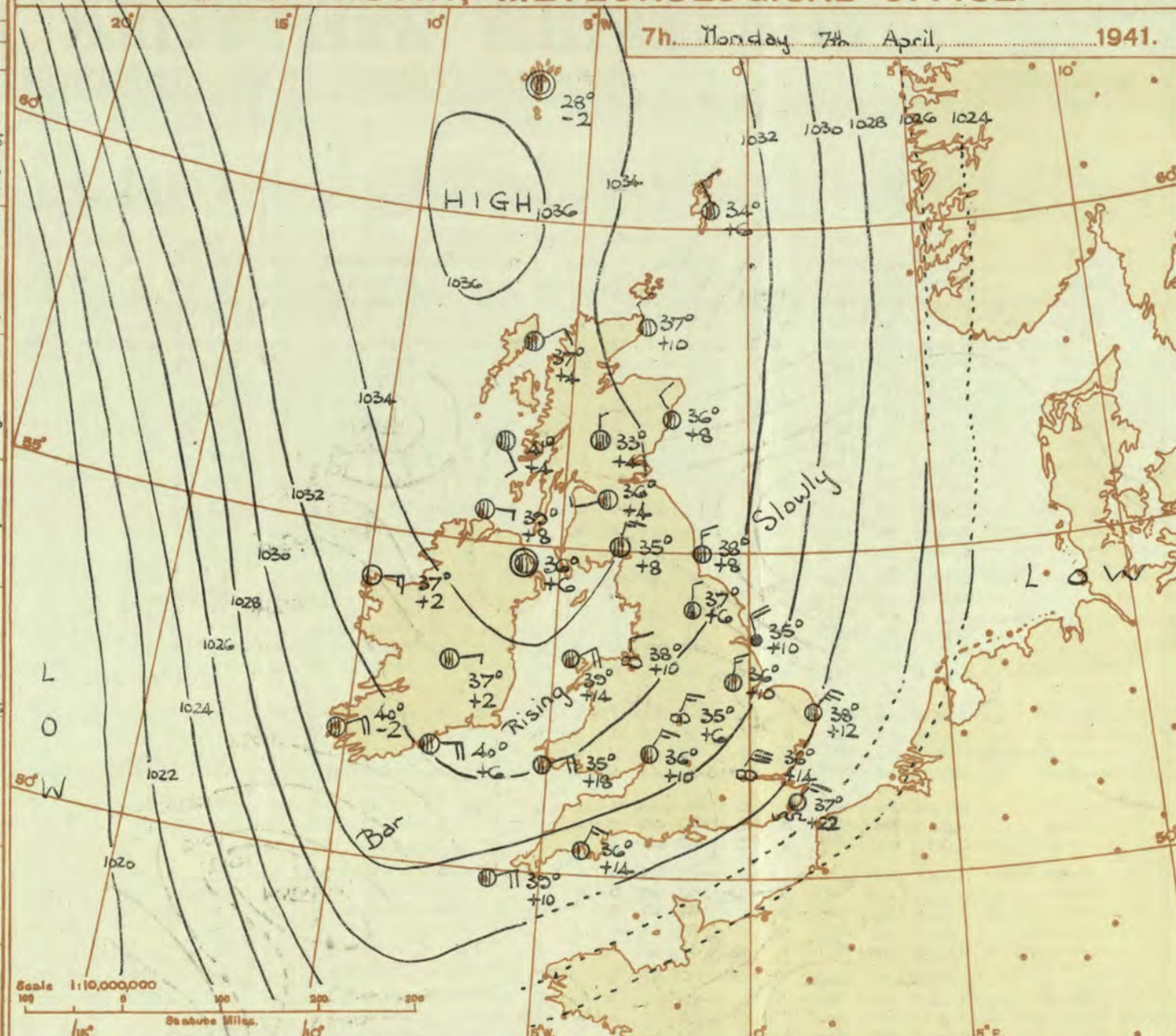


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 6th April 18h. G.M.T.				01h. G.M.T. 7th April 07h. G.M.T.						
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	
109	8-	03867	30327				5-	02867	30427	
115				70	02944	32387	53	02844	28386	
203	5-	03948	06328	5-	02945	32328	58	01947	32387	
206	57	02978	30228	57	02964	30228	5-	02924	00026	
210	5-	02968	32328	5-	02967	27227	5-	25867	30237	
220	82	02954	02328	82	02853	02328		83	02853	05228
230	5-	02967	01417	7-	01964	32414	5-	02966	00026	
245	8-	03958	02528	5-	02967	02427	5-	02977	30227	
280	7-	02858	02328	5-	02867	02227	5-	02778	00028	
277	5-	02967	03417	5-	02867	03327	5-	02867	04327	
279	8-	27966	03586	8-	02967	04487	--	01764	04424	
285								5-	02968	32328
288	8-	26748	02488	83	01853	02424	8-	25668	01428	
273								74	05652	09203
301	2-	83738	04388	43	02755	04485	5-	02798	04328	
321	7-	27866	36486	8-	01847	02427	5-	02766	32386	
299	8-	02747	02527	80	01743	04513	5-	02748	04528	
292	5-	02867	03887	8-	01854	03584	5-	02767	01217	
310								76	02655	30226
316	76	02755	03416	8-	02756	02486	50	05652	32312	
383	2-	02966	02526	36	02654	02425	53	01753	02224	
334								--	02646	28217
340	80	26668	02428	8-	27657	32387	50	05662	01302	
136	10	01965	03515	7-	02867	04527	70	01864	03534	
336								52	02753	04416
350							50	01764	02414	
368	5-	02767	08427					5-	02868	01428
379	5-	02755	02525	5-	02766	02426	00	05660	02300	
390	57	02756	04558	50	02767	04527	00	00730	04410	
382	5-	02866	03826	5-	02867	02427	53	01764	02315	
438	8-	03648	04528					50	01754	04514
430	53	01663	35614	5-	02666	02526	50	00600	02400	
409	5-	02868	36528	5-	01654	35524	5-	05658	04218	

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

## AIR MINISTRY, METEOROLOGICAL OFFICE.



### DISTRICTS.

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

1 S.E. England	Moderate N.E. winds, fresh locally on coast at first, backing and decreasing;
2 E. England ...	fair apart from slight local showers near the coast; bright periods; cold;
3 E. Midlands ...	with ground frost locally at night.
4 W. Midlands ...	Light to moderate N.E. wind; fair; rather cold; sharp frost locally at
5 S.W. England	night.
6 South Wales ...	
7 North Wales ...	Light northerly to variable breeze; mainly fine; rather cold, sharp frost at night.
8 N.W. England	
9 N. Midlands ...	Light to moderate northerly winds; fair, bright periods; scattered showers
10 N.E. England	near the coast; rather cold.
11 S.E. Scotland	
12 S.W. Scotland	
& Isle of Man.	As 7-8.
13 { A.W. Scotld.	
{ B.N.W. Scot-	
land.	
14 Mid Scotland	
15 N. E. Scotland	Light to moderate northerly wind; bright periods; a few wintry showers
16 Orkneys and	near the coast; cold; frost inland at night.
Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 7-8.
19 S. E. Ireland	
20 S. W. Ireland	

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

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

### GENERAL INFERENCE.

An anticyclone centred between Iceland and N.W. Scotland is moving south. Weather will be fair over most of the country for a few days, apart from a tendency to slight showers near the east coast of England. There will be bright periods in many districts and particularly in the Northwest. Conditions will be rather cold generally, and sharp night frost may be expected in places.

### FURTHER OUTLOOK.

Continuing fair for a few days in most districts with day temperatures rising slowly.

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

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

M.M.S.B. Press, Council of House & L.



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 7th April 1941.  
No. 28331

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 1 hr. M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at 7 hr. M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE (36) Hrs.
					Dir.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Dir.	Force.			Form.	Amount.					Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)					
																																0-12 (4)	0-12 (5)	0-10 (12)	0-10 (13)	
1	London (Kew)	18	1025.8	+4	NE	6	b	35	65	7	-	-	-	1029.2	+18	NEN	4	z	37	55	6	5	-	-	10	1500	1	*	42	33	25	-	-	0.0		
	Croydon	217	1025.8	+4	NNE	3	bc	37	55	8	-	-	-	1028.2	+14	NNE	6	z	36	65	5	5	-	-	10	1500	1	*	40	32	31	-	-	0.0		
	S. Farnborough	226	1026.7	+4	NNE	3	bc	37	55	8	-	-	-	1029.4	+16	NNE	3	z	35	65	8	5	-	-	9+	3000	1	*	42	31	25	-	-	0.2		
	Boscombe Down	417	1027.2	+4	NEN	5	c	37	65	7	-	-	-	1030.0	+10	NE	2	c	33	75	7	5	-	-	9+	2900	0	*	46	29	27	-	-	0.3		
	Thorney Island	10	1025.3	+4	NNE	4	z	39	65	6	-	-	-	1028.2	+16	N	3	bc	34	75	7	5	-	-	4-6	4000	1	*	44	31	26	-	-	*		
	Lympne	346	1023.5	+10	NE	5	c	38	75	8	-	-	-	1026.6	+22	NEN	3	c	37	75	8	5	-	-	9+	1800	1	\$	41	36	33	Tr	-	0.0		
	Manston	154	1024.0	+12	NNE	5	c	39	65	7	-	-	-	1026.8	+20	NNE	5	c	38	65	7	5	-	-	9+	2400	0	*	41	37	36	-	-	*		
2	Shoeburyness	11	1025.3	+14	NE	3	bc	36	65	8	-	-	-	1028.2	+20	NE	3	c	37	65	8	5	-	-	10	1000	1	2	42	31	24	-	-	0.0		
	Felixstowe	15	1027.3	+10	NEN	5	bc	37	55	8	-	-	-	1028.0	+18	NNE	3	c	37	65	8	5	-	-	10	1000	1	3	41	33	30	-	-	0.0		
	Gorleston	5	1027.3	+10	NEN	5	bc	37	55	8	-	-	-	1027.8	+12	NEN	5	c	38	75	7	5	-	-	10	1000	0	4	41	37	34	-	-	0.0		
	Mildenhall	19	1027.0	+12	N'E	3	bc	35	65	8	-	-	-	1029.3	+14	NNE	3	c	38	65	8	5	-	-	10	1000	0	*	44	34	27	-	-	2.6		
	Cranwell	240	1029.3	+10	N'E	4	c	33	85	7	-	-	-	1030.8	+10	N	3	c	36	85	7	5	-	-	9+	3000	1	*	42	32	29	Tr	Tr	1.9		
3	Birmingham	535	1028.1	+14	NE	3	b	32	85	7	-	-	-	1031.2	+6	NNE	3	z	35	75	5	5	-	-	10	1000	1	*	41	31	27	-	-	1.7		
	Upper Heyford	408	1028.1	+14	NE	3	b	32	85	7	-	-	-	1030.4	+16	NNE	3	c	35	75	7	5	-	-	10	1000	1	*	42	30	-	-	-	*		
4	Ross-on-Wye	223	1028.1	+14	NE	3	b	32	85	7	-	-	-	1030.8	+10	NNE	3	c	36	65	8	5	-	-	10	1000	1	*	42	33	28	-	-	1.6		
5	Hartland Point	299	1028.1	+18	NE	4	c	39	75	7	-	-	-	1030.3	+14	NNE	5	bc	37	75	7	5	-	-	2-3	2000	0	4	42	35	33	-	-	0.2		
	Bristol	209	1028.7	+18	NE	4	c	37	65	7	-	-	-	1031.0	+14	NNE	3	z	34	75	6	5	-	-	9+	3500	1	*	42	32	26	-	-	1.3		
	Portland Bill	32	1026.3	+10	N	3	c	38	92	8	-	-	-	1030.1	+14	NNE	3	z	36	75	8	5	-	-	9+	3500	1	*	42	32	26	-	-	*		
	Plymouth	82	1028.2	+14	E	1	z	36	75	6	-	-	-	1030.1	+14	NNE	3	b	36	75	8	5	-	-	Tr	2500	0	3	45	34	27	-	-	4.6		
	The Lizard	240	1027.6	+6	NE	4	c	39	65	7	-	-	-	1029.1	+10	NE	4	c	38	75	8	5	-	-	9	1800	0	2	42	37	*	-	-	0.1		
	Scilly (St. Mary's)	163	1027.4	+8	ENE	2	c	41	65	6	-	-	-	1029.1	+10	ENE	4	c	39	55	7	5	-	-	9+	1800	1	4	42	38	*	-	-	0.1		
	Guernsey	175	1027.4	+8	ENE	2	c	41	65	6	-	-	-	1029.1	+10	ENE	4	c	39	55	7	5	-	-	9+	1800	1	4	42	38	*	-	-	0.1		
6	Pembroke	142	1030.1	+18	NE	4	c	38	85	7	-	-	-	1032.3	+18	NE	4	bc	35	75	8	2	-	-	2-3	2000	1	3	48	33	*	-	-	4.7		
7	Holyhead	26	1032.5	+12	NE	3	c	39	75	8	-	-	-	1033.7	+14	NE	4	c	39	65	8	5	-	-	10	1000	1	4	43	38	35	Tr	-	3.3		
	Chester (Sealand)	16	1034.5	+10	N	2	z	32	75	6	-	-	-	1033.1	+10	N	2	z	38	65	6	5	-	-	9+	3500	1	*	42	31	23	Tr	-	3.2		
8	Manchester	70	1031.3	+10	N	2	z	34	75	6	-	-	-	1033.2	+14	NNW	2	z	36	85	5	5	-	-	9+	3200	1	*	43	32	22	Tr	-	3.0		
10	Spurn Head	29	1028.7	+14	NEN	6	c	39	65	7	-	-	-	1030.6	+10	NW	4	ir	35	85	7	6	-	-	4-6	2500	0	*	41	34	29	Tr	Tr	3.1		
	Catterick	175	1031.5	+6	NW	2	c	36	85	7	-	-	-	1032.7	+6	N	1	c	37	75	8	5	-	-	9+	3500	0	*	41	34	29	Tr	Tr	*		
	Tynemouth	108	1031.3	+8	NNE	5	c	39	75	7	-	-	-	1032.7	+8	N	3	c	38	92	7	8	-	-	9+	2800	1	3	40	37	35	0.6	-	*		
11	St. Abbs Head	280	1031.9	+6	NW	3	c	38	75	8	-	-	-	1032.7	+8	NW	4	c	36	85	9	5	-	-	4-6	2000	1	3	39	36	*	Tr	-	*		
	Leuchars	36	1032.7	+14	NNW	2	c	36	75	8	-	-	-	1034.7	+10	N	0	c	36	75	8	5	-	-	9+	4000	1	*	42	35	33	0.3	-	0.1		
12	Renfrew (Abbots I.)	19	1034.3	+8	-	0	c	36	75	8	-	-	-	1034.7	+4	WSW	1	c	36	75	8	5	-	-	10	1000	1	*	43	33	28	-	-	2.8		
	Eskdalemuir	794	1034.3	+8	-	0	c	36	75	8	-	-	-	1034.0	+8	NE	3	c	35	65	8	5	-	-	10	1000	1	*	38	32	30	Tr	-	2.0		
	Point of Ayre	30	1033.1	+12	NE	3	c	39	75	8	-	-	-	1034.0	+4	NE	3	c	40	65	8	5	-	-	9+	3500	0	3	43	38	*	-	-	4.9		
13A	Tiree	22	1034.3	+8	NNW	1	c	37	92	8	-	-	-	1034.1	+4	SSE	1	c	41	75	7	5	-	-	9+	3500	0	2	(45)	38	*	-	-	6.7		
13B	Stornoway	80	1034.3	+8	NNW	1	c	37	92	8	-	-	-	1034.7	+4	NE	2	c	37	92	8	5	-	-	9	1600	1	2	43	35	*	Tr	0.1	0.0		
15	Dalwhinnie	1176	1034.3	+8	NNW	1	c	37	92	8	-	-	-	1034.7	+4	N	1	0	33	75	7	5	-	-	10	1000	0	*	31	28	*	-	-	0.0		
	Aberdeen	79	1034.3	+8	NNW	1	c	37	92	8	-	-	-	1033.7	+8	NW	2	c	36	85	8	5	-	-	10	1000	1	2	41	34	31	Tr	0.3	0.0		
	Wick	81	1032.4	+8	NW	2	c	37	92	8	-	-	-	1033.8	+10	NNW	2	c	37	85	8	5	-	-	4-6	1500	1	3	42	35	*	Tr	0.2	*		
16	Lerwick	156	1031.5	+14	NNW	4	c	34	85	7	-	-	-	1032.8	+6	NNW	2	c	34	92	8	8	-	-	7-8	1500	1	*	42	33	*	0.2	Tr	1.6		
17	Blackad Point	18	1033.5	+10	EN	3	b	39	75	8	-	-	-	1033.1	+2	E	3	b	37	85	8	-	-	-	0	0	0	3	46	35	*	-	-	*		
18	Malin Head	84	1033.4	+4	NE	3	bc	34	92	8	-	-	-	1034.4	+8	E	1	c	39	92	8	8	-	-	7-8	5700	0	2	42	32	*	-	-	7.1		
	Aldergrove	268	1034.0	+12	-	0	c	37	75	8	-	-	-	1034.7	+6	-	0	c	36	75	9	5	-	-	9+	4000	1	*	44	35	32	-	-	7.5		
19	Birr Castle	173	1032.7	+2	ENE	1	c	35	75	8	-	-	-	1033.0	+2	ENE	1	c	3																	



AIR  
MINISTRY.

THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Tuesday 8th April, 1941.  
No. 28 292

OBSERVATIONS at 13h. G.M.T.														OBSERVATIONS at 18h. G.M.T.														PAST 24 HOURS.																				
Director.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																		
				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.—18h. 7h.... (37)	18h.—18h. 7h.... (38)	18h.—to 8h. 1h..... (39)	1h.—7h. 8h..... (40)															
1	London (Kew)...	1030.0	0	NE/N	4	c	43	45	6	5	-	-	9+	9+	1500	1030.9	+4	NNE	4	2.0	42	55	6	5	-	-	10	10	1500	1	*	czy	cyby	czoey	cmo													
	Croydon ...	1029.6	+2	NE	5	c	42	55	6	5	-	-	9+	9+	2500	1029.8	+2	NNE	5	2.0	41	65	5	5	-	-	10	10	3000	1	*	czy	czoey	czoey	cbee													
	S. Farnborough	1030.0	-2	NE/N	4	c	43	45	8	5	-	-	9+	9+	3700	1030.7	+4	NE/N	3	c	42	55	6	5	-	-	9+	9+	3300	1	*	cy	cy	cye	c													
	Boscombe Down	1031.1	0	NE/N	4	c	41	45	8	5	-	-	9	9	3600	1031.6	+4	NE/H	3	c	41	65	6	5	-	-	9	9	2500	0	*	c	c	c	c													
	Thorney Island	1029.6	+2	NE	4	c	43	55	6	5	-	-	4.6	4.6	4000	1030.1	+2	NE/N	4	c	43	55	7	5	-	-	9+	9+	4000	1	*	cbo moy	barmoy	cma	cma c													
	Lympe	1027.8	0	N/E	4	c	42	65	6	7	-	-	7.8	7.8	2500	1029.4	+6	NNE	4	bc	40	75	8	7	-	-	4.6	4.6	2500	1	4	cpr	cba vbc	cba	cba c													
	Manston	1028.5	+4	NNE	6	p/pr	44	65	7	8	-	-	7.8	7.8	2500	1029.7	+10	NNE	5	c	40	57	8	6	-	-	4.6	7.8	2000	0	*	cpr bc	pr pr	cpr bc	c													
2	Shoeburyness ...	1029.2	0	NNE	3	c	43	55	8	5	-	-	9+	9+	2500	1030.2	+4	HNE	3	c	41	55	8	5	-	-	9+	9+	4000	1	*	cuy	cuv	cb	bc													
	Felixstowe	1029.4	+4	NE/N	5	c	42	65	8	5	-	-	9+	9+	3000	1030.0	+6	NE/N	4	c	41	65	8	5	-	-	9+	9+	3000	1	4	c	c	bc	bc													
	Gorleston	1029.9	+8	NNE	5	pr	42	65	7	6	3	-	4.6	7.8	2200	1030.7	+6	NNE	4	c/rs	42	65	7	8	-	-	7.8	7.8	1200	1	4	cpr bc	cba prs	cba	cba c													
	Mildenhall	1030.5	+6	NE/N	5	e/pr	43	65	9	7	-	-	10	10	3500	1031.2	+6	NE/N	4	c	40	65	8	5	-	-	9+	9+	3000	0	*	bcy vcp r	cvc	c	c													
	Cranwell	1031.9	+2	NE	5	c	42	65	8	5	-	-	9+	9+	1500	1032.6	+2	NE/H	4	c	39	75	8	5	-	-	10	10	3300	1	*	c	c	cpr.	cpr.c													
3	Birmingham	1032.1	0	NNE	3	Zo	41	55	6	5	-	-	10	10	2500	1032.5	0	NNE	3	Zo	41	55	6	5	-	-	9+	9+	2500	1	*	cZ	cZ	cZ	cZ													
	Upper Heyford	1031.2	+2	NE/N	4	c	41	65	7	5	-	-	9+	9+	3000	1031.7	0	NNE	4	c	40	75	8	5	-	-	10	10	3500	1	*	c	cpr.c	c	cba													
4	Ross-on-Wye ...	1031.5	0	NE	3	Zo	43	55	7	5	-	-	10	10	2500	1031.5	0	NNE	2	Zo	43	65	5	5	-	-	10	10	2500	1	*	c	c	cZ.	c													
5	Hartland Point	1031.7	+6	NE	4	bc	41	*	7	7	-	-	4.6	4.6	2500	1031.2	+2	NE	3	b	44	65	7	-	-	0	0	-	0	3	bc	bcb	bba	bcc														
	Bristol ...	1031.8	+2	NE	4	c	42	55	7	5	-	-	9+	9+	3300	1032.0	+6	NE	3	Zo	42	55	6	5	-	-	10	10	3500	1	*	cmay	cjzo	cZ.	cZ.c													
	Portland Bill	1030.3	+2	N	3	c	43	92	8	2	-	-	10	10	4000	1030.6	+8	NE	3	Zo	44	92	8	3	-	-	10	10	4000	1	4	bcc	c	c	c													
	Plymouth	1031.6	+8	SE	2	bc	44	55	8	5	-	-	2.3	2.3	3500	1031.1	+2	E/H	5	Zo	45	55	7	-	-	Tr	Tr	6000	0	3	by	beyby	beyemo	cm.c														
	The Lizard	1030.4	+2	ENE	5	bc	44	65	8	8	6	-	4.6	4.6	2500	1030.7	0	E	4	bc	42	65	8	-	5	-	4.6	4.6	3500	0	2	cbc	bxc	cba	c													
	Soilly (St. Mary's)	1031.3	+8	E/N	3	c	43	65	8	5	2	-	4.6	9+	2200	1030.8	-2	E/S	2	c	43	65	6	5	2	2	7.8	3	2200	1	4	c	c	c	c													
	Guernsey ...																																															
6	Pembroke ...	1031.6	0	NE/E	3	c	44	65	8	8	-	-	7.8	7.8	3500	1031.8	-4	-	0	bc	44	75	8	-	7	2	0	2.3	-	1	2	bcc	xc	bcbz c	c													
7	Holyhead ...	1034.0	+2	NE/E	4	bcq	44	55	8	5	3	-	1	2.3	3800	1033.2	-2	NE/E	4	bc	43	65	8	-	4	2	0	2.3	-	1	4	cayb	ayg bc	bcbz c	c													
	Chester (Sealand)	1033.4	+2	NE	3	c	44	55	7	5	-	-	10	10	3500	1033.2	+4	NE	3	Zo	44	55	5	5	-	-	9+	9+	2800	1	*	cba c	czoey	czoey	cZ.c													
8	Manchester ...	1033.1	0	NNE	4	Zo	43	65	6	7	-	-	10	10	3800	1033.4	0	NE/H	3	Zo	43	55	6	5	-	-	9+	9+	3500	1	*	cmay	czoey	czoey	cZ.c													
10	Spurn Head ...	1031.9	+2	NE/N	4	c	43	65	7	8	-	-	9+	9+	2200	1032.3	+2	NE	4	c	40	65	7	8	-	-	9+	9+	2500	0	4	c	c	c	o													
	Catterick	1033.7	+2	NNE	3	c	43	65	8	8	-	-	7.8	7.8	2200	1034.3	+2	NE	2	c/p	38	75	8	8	-	-	9+	9+	2900	1	3	pr	pr	cpr.m.c	c													
	Tynemouth	1033.8	+6	NNE	5	bc	41	85	8	2	3	-	2.3	4.6	3000	1034.7	+4	NNE	4	c	39	85	8	8	-	-	9	9	2800	1	3	cpr	pr	cpr.c	c													
11	St. Abbs Head	1034.6	+4	NW	4	c	39	65	9	8	2	-	7.8	10	2500	1034.6	-2	N	3	c	38	75	9	8	2	-	7.8	9	2500	0	3	c	c	c	c													
	Leuchars	1035.5	+2	NE	3	c	42	55	8	5	-	-	10	10	3500	1035.2	-2	E	2	c	40	75	8	8	-	-	10	10	4500	1	*	bay	cye	c	c													
12	Reufrew (Abbots L.)	1035.6	+4	ENE	2	c	43	55	8	5	-	-	10	10	4500	1035.1	-2	E	2	Zo	42	55	6	7	-	-	4.6	10	3300	1	*	cy	cjzo	cjzo	cZ.c													
	Eskdalemuir	1034.6	+2	NE	3	c	39	55	8	7	-	-	10	10	1500	1034.5	-4	NE/E	2	c	37	65	8	5	-	-	10	10	1500	1	*	cy	cye	cye	c													
	Point of Ayre	1034.6	0	ENE	2	c	44	65	8	5	-	-	9+	9+	4000	1034.3	0	NE/E	3	c	42	65	8	7	-	-	9+	9+	4000	0	2	c	c	c	c													
13	Tiree ...	1035.3	0	E/S	1	c	43	65	9	5	-	-	9+	9+	3500	1035.7	-4	NNE	2	bc	43	75	9	5	-	-	2.3	2.3	3500	0	2	c	cba	bcc	o													
13	Stornoway	1035.7	0	ESE	2	c	41	65	8	5	7	-	7.8	10	1600	1035.0	-4	ESE	3	c	40	75	8	5	7	-	7.8	9	2000	1	2	c	c	c	c													
15	Dalwhinnie	1036.2	0	N	2	c	37	65	8	5	-	-	10	10	2500	1035.0	0	ENE	1	c	35	75	8	5	-	-	10	10	2500	0	*	o	o	o	o													
	Aberdeen	1036.0	+2	NNW	2	cjp	41	65	8	8	-	-	9+	9+	2300	1035.1	-2	NNW	2	c	40	55	8	8	-	-	9+	9+	2500	1	2	cjp	cay	cye	c													
	Wick	1035.3	+4	NNW	2	c	39	75	8	5	2	-	7.8	10	2500	1035.2	+2	NNE	2	c	38	85	8	6	7	-	4.6	10	1500	1	2	c	c	c	c													
16	Lerwick...	1034.6	+4	NNW	4	ph	36	75	7	8	7	-	7.8	10	800	1034.6	+2	N	3	c	39	75	8	8	3	-	4.6	7.8	1500	1	*	cpr.hph	cph	cba	bcc													
17	Blacksod Point...	1032.6	-6	ESE	4	bc	45	75	8	-	4	-	0	4.6	-	1030.2	-10	ESE	4	b	45	75	8	-	-	0	0	-	0	4	bc	c	c	c														
18	Malin Head	1034.8	-2	E	1	bc	41	55	8	4	-	2	2.3	4.6	5700	1033.3	-8	ESE	3	bc	42	55	8	5	-	1	2.3	4.6	5700	0	2	beybc	beybc	beyc	c													
	Aldergrove	1034.8	-4	NE/E	2	bc	45	45	8	5	-	-	4.6	4.6	3500	1034.0	+2	SE/E	3	bc	41	55	7	5	-	5	Tr	4.6	4000	1	*	c.ybey	bey	c	c													
19	Birr Castle	1033.0	-6	SE	2	c	47	55	8	5	-	8	4.6	7.8	2500	1031.9	-6	SE	2	c	43	65	8	5	1	-	4.6	10	2500	1	*	cy	c	c	c													
20	Valentia Obay.†	1031.0	+2	ESE	4	c	46	55	8	5	-	7	9	10	4000	1029.1	-10	SE	4	c	43	65	8	5	2	-	7.8	10	2500	1	3	cy	cye	c	c													
	Rothes Point	1033.1	+6	ES	5	c	42	55	8	5	-	-	7.8	7.8	2500	1031.7	-10	E/S	5	c	41	65	8	8	1	-	7.8	9	1500	1	4	cy	c	c	c													

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

q, squalls. r, rain. s, snow.  
rs, alest. 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.

- 6 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 1/30 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.

CLOUDS.

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

Cloud form abbreviations:—

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

COLUMN 29 — STATE OF GROUND.

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

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



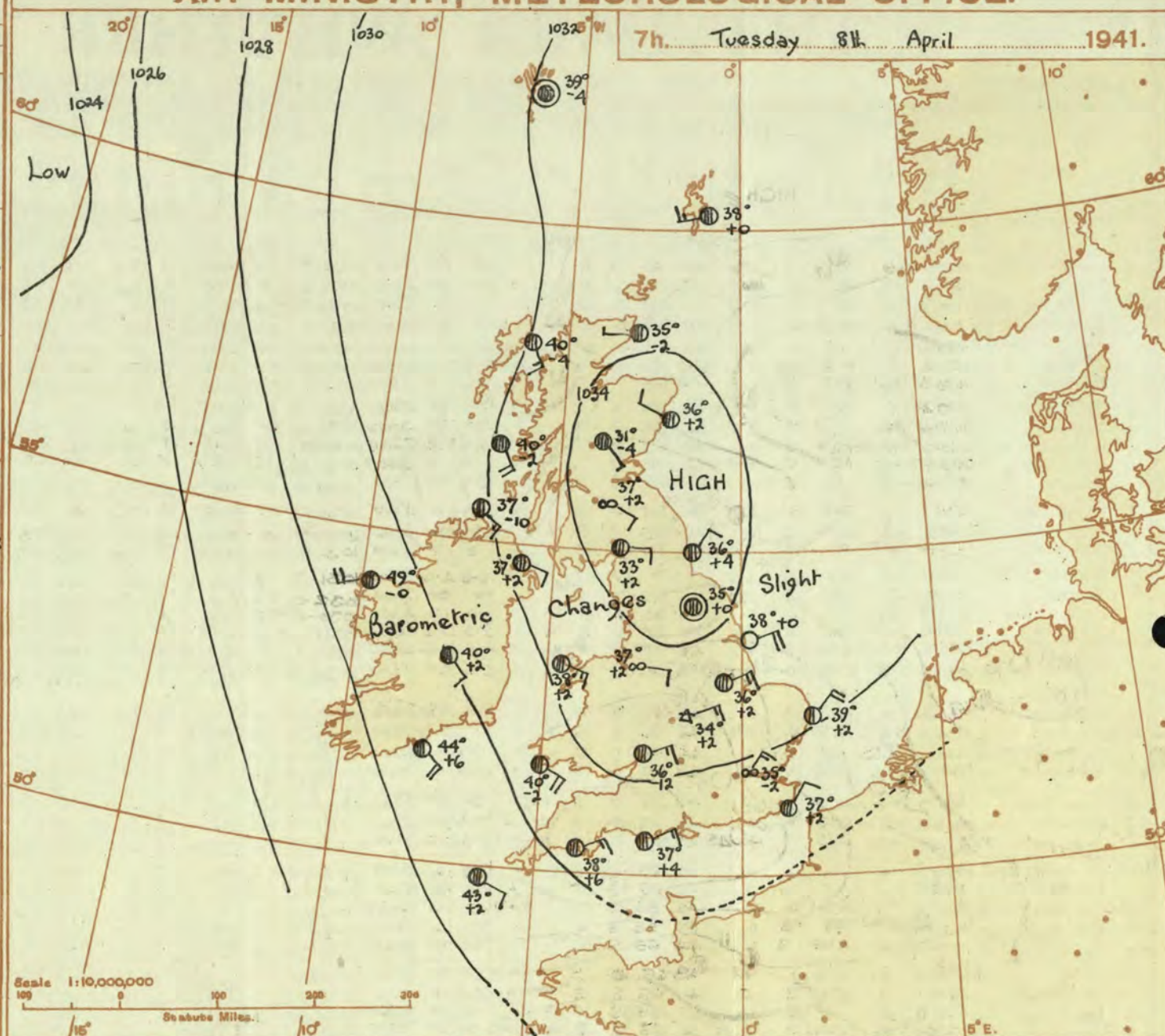
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T.	7h. April	18h. G.M.T.	01h. G.M.T.	8h. April	07h. G.M.T.
IIIC. C <sub>M</sub>	wwVhN <sub>h</sub> DDFWN	C <sub>M</sub> wwVhN <sub>h</sub> DDFWN	C <sub>M</sub> wwVhN <sub>h</sub> DDFWN	C <sub>M</sub> wwVhN <sub>h</sub> DDFWN	C <sub>M</sub> wwVhN <sub>h</sub> DDFWN
109	5-03863 30323	5-02865 29225	00 00830 06100	5-00861 00001	
115	73-02944 04227	52 02944 08227		73 02544 12226	
203	5-02947 02327	5-02947 02327	5-02946 08326	5-02957 12327	
206	5-02967 02227	52 02975 10228	5-02977 00027	5-02968 22228	
210	5-02967 28227	5-02968 28228	5-02868 00028	5-02978 15228	
220	83-02854 05218	53 02953 12217		02 05630 14428	
230	5-02967 30127	53 02975 28116	5-05668 00028	51 02764 04128	
245	5-03058 02328	8-03968 04228	5-03968 02288	5-03968 32228	
260	5-02868 10228	5-02778 08228	5-02766 00026	5-02868 00028	
277	5-02866 14227	7-02867 15327	5-02868 08328	5-02868 11328	
279	7-10968 02228	5-02968 04328	--02768 02228	5-02768 04128	
285	8-03848 02488	8-03748 04328		5-02748 14328	
288	28-02857 32387	9-86757 02387	8-05658 02288	8-25858 28188	
273	75-01861 12402			46 08444 14518	
301	5-02768 02318	5-05667 04327	5-05668 062210	5-02768 10328	
321	8-02857 32427	8-02865 03425	5-02767 03227	5-02768 04128	
299	5-02745 32415	80 02744 32414	5-03748 04428	5-03748 04328	
292	5-02857 32487	5-10868 03328	5-02858 02158	5-02858 00028	
310	--02638 32428	--02636 04426		--02638 08428	
316	8-02756 02226	5-05657 02427	5-02658 03328	5-02757 04287	
333	5-01965 08313	50 17661 07301	00 03530 06204	5-02768 08528	
334	--05546 04317	--02743 08327		--03647 12328	
340	50-02766 02316	5-17667 02227	5-02768 08288	5-02858 08328	
136	7-02957 03587	8-02958 02488		10 01964 05214	
336	52-01753 04415	52 02763 08427		52 03753 12328	
350	7-02868 32428	5-25868 03488	5-02766 02426	50 02755 03325	
368	50-05665 05325				
379	5-02758 02428	5-02758 02328	5-05658 04328	50 01754 04314	
390		5-02758 03328	5-05657 04327	5-02766 04316	
382	5-02868 02328	5-02767 02327	5-02868 042210	53 05663 04214	
438	5-02757 04527				
430	50-05666 02426	5-02767 04527	5-05657 02227	5-05667 04327	
409	10-01864 36413	80 01851 02113	00 05630 06314	50 05762 08416	

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 8th April 1941.



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DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Tuesday 8th April 1941

1 S.E. England	
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light variable to S.E. wind; fair or fine; day temperatures somewhat higher than of late, but ground frost at night.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scotland.	Light S.-S.W. wind; fair; temperature rising to about the seasonal average.
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	Moderate S. wind, fresh on coasts; cloudy; occasional rain; rather mild.
17 N.W. Ireland	
18 N.E. Ireland	As 1-12
19 S.E. Ireland	
20 S.W. Ireland	As 17.

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

GENERAL INFERENCE.

An anticyclone centred over East Scotland is moving slowly Southeast, and a trough of low pressure to westward of the British Isles is advancing slowly. Weather will be fair or fine in most districts but will be cloudy with occasional rain in the extreme West. Day temperature will be somewhat higher than of late, but there will be ground frost at night in England and Wales.

FURTHER OUTLOOK.

Occasional rain in the Northwest; fair or fine elsewhere.

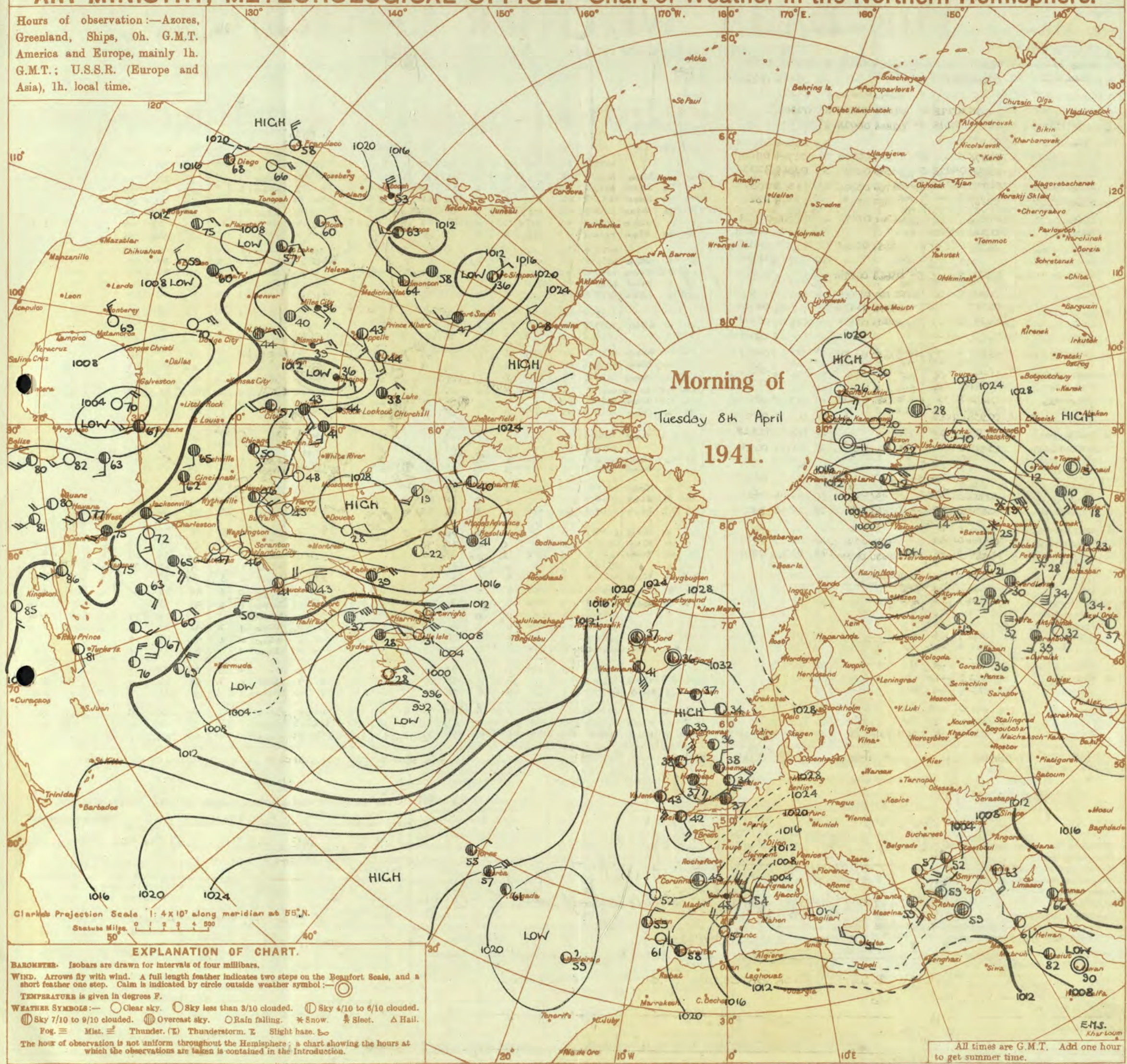
Forecasts issued at 1030h G.M.T.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Tuesday 8th April 1941.  
 No. 28992

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. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. (16)	Change in 3 hours. (17)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUN-SHINE (36)		
					Dir. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Low 0-10 (12)	Total 0-10 (13)			Dir. (17)	Force. (18)					Form. (23)	Amount. (24)	Height of Base. (feet) (25)	Low 0-10 (26)	Total 0-10 (27)			Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)			
																																					0-12 (5)	0-12 (15)
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1032.0	+4	NE	3	z	36	75	5	5	-	-	9	9	2500	1	*	45	33	29	-	-	0.2			
	Croydon	217	1031.1	0	NE	5	c	37	75	8	5	-	10	10	3000	1031.1	-2	NE	3	z	35	75	5	5	-	9	9	3000	1	*	43	32	30	-	-	0.3		
	S. Farnborough	226	1032.0	-2	NE'E	3	c	37	65	8	5	-	10	10	3000	1032.1	+2	NE'E	2	c	35	75	8	5	-	9	9	2500	1	*	45	33	30	-	-	0.4		
	Boscombe Down	417	1032.4	+2	NE	2	c	36	65	7	5	-	9	9	2000	1032.3	+2	E'N	3	c	35	65	8	5	-	9	9	3000	0	*	43	33	33	-	-	0.3		
	Thorney Island	10	1031.4	+2	NE	3	z	38	65	6	5	-	9	9	4000	1031.9	+2	NE'E	4	c	37	65	7	5	-	9	9	2500	1	*	47	35	32	-	-	*		
	Lympe	346	1030.1	-6	NE'N	3	b	35	65	8	5	-	1	1	2500	1030.4	+2	NE'N	2	c	37	75	8	5	-	9	9	1800	1	*	44	33	29	Tr	-	5.4		
	Manston	154	1030.2	-6	NE'N	3	c	37	75	8	8	-	9	9	2700	1030.6	+4	NE	2	c	39	65	8	5	-	9	9	3000	1	*	45	36	33	Tr	Tr	*		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1031.4	+2	NNE	3	c	37	85	8	5	-	-	9	9	2500	1	*	45	32	29	-	-	0.1			
	Felixstowe	15	1031.0	-6	NNE	2	b	35	75	8	5	-	Tr	Tr	2500	1031.5	+6	NNE	3	bc	36	85	7	5	-	2-3	2-3	3000	1	2	44	32	29	-	-	0.4		
	Gorleston	5	1031.5	-8	NE'N	4	bc	39	65	7	2	-	4-6	4-6	2500	1032.0	+2	NE	4	bc	39	65	5	2	-	4-6	4-6	2500	0	3	43	38	34	Tr	Tr	*		
	Mildenhall	19	1032.2	-4	NE	3	c	38	65	8	5	-	9	9	3000	1032.3	+2	NE'N	2	bc	38	85	7	5	3	1	4-6	4-6	5000	0	*	45	29	31	Tr	Tr	1.3	
	Cranwell	240	1033.6	0	NNE	2	pr	35	85	8	8	-	10	10	2500	1033.3	+2	ENE	3	c	36	75	8	5	-	10	10	2500	1	*	43	33	33	-	Tr	1.3		
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1033.0	+2	ENE	3	sh	34	45	6	6	-	-	10	10	1500	1	*	42	33	32	*	Tr	0.2			
	Upper Heyford	408	1032.8	+2	NNE	3	c	36	75	7	5	-	10	10	2400	1032.7	+4	NE'E	3	c	34	92	7	5	3	-	7-8	7-8	2500	1	*	43	32	28	Tr	-	*	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1032.5	-12	ENE	3	c	36	65	8	5	-	-	10	10	2500	1	*	44	35	34	-	-	0.1			
5	Hartland Point	299	1031.4	-2	ENE	3	bc	39	65	7	5	6	-	4-6	4-6	2500	1031.0	0	ENE	3	c	37	65	8	5	2	-	7-8	9	2500	0	3	45	37	36	-	-	9.8
	Bristol	209	1032.6	+2	NE	2	z	37	65	6	5	-	10	10	3500	1032.6	+2	E	3	c	35	65	7	5	-	10	10	2800	1	*	44	35	34	-	-	0.1		
	Portland Bill	32	1031.1	+4	NE	4	c	39	92	8	5	4	-	4-6	10	4000	1030.8	+7	ENE	3	c	37	92	8	5	-	10	10	4000	1	4	43	35	*	-	-	*	
	Plymouth	82	1031.8	-2	ENE	1	z	36	75	6	5	-	8	4-6	7-8	5000	1031.7	+6	ENE	3	c	38	75	8	5	-	10	10	4000	0	3	48	33	23	-	-	11.1	
	The Lizard	240	1030.3	-2	E'S	4	bc	41	65	8	6	-	4-6	4-6	2000	1029.2	+4	E	4	c	41	75	8	8	2	-	9	10	1500	0	2	46	39	*	-	-	8.6	
	Scilly (St. Mary's)	163	1030.4	-2	ESE	3	c	42	75	7	5	-	9	9	1500	1029.0	+2	SE'E	2	c	43	75	8	5	2	-	7-8	9	1800	1	3	47	38	*	-	-	3.2	
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
6	Pembroke	142	1032.4	+4	E'N	3	bc	38	92	6	5	-	2-3	2-3	4000	1030.9	-2	ESE	4	c	40	75	7	5	-	9	9	3500	1	3	45	37	*	-	-	1.1		
7	Holyhead	26	1033.5	0	E'S	3	z	37	75	6	-	7	0	10	-	1032.5	+2	ESE	3	c	38	75	7	5	-	10	10	4800	1	1	44	36	31	-	-	5.7		
	Chester (Sealand)	16	1034.0	+2	E	2	z	39	65	6	5	-	10	10	2500	1033.5	+2	E'S	2	z	37	65	6	5	-	10	10	2800	1	*	46	37	35	-	-	1.7		
8	Manchester	70	1034.5	+4	NE'N	3	z	38	75	5	5	-	10	10	3500	1033.7	-2	ESE	2	z	37	65	6	5	-	10	10	3500	1	*	44	37	34	-	-	0.9		
10	Spurn Head	29	1033.8	0	ENE	4	c	38	65	7	8	-	10	10	1500	1033.6	0	ENE	4	c	38	65	7	5	6	-	10	10	2500	0	3	35	33	*	-	-	2.8	
	Catterick	175	1035.2	0	-	0	c	36	85	7	8	-	9	9	2500	1034.2	0	-	0	c	38	85	8	5	-	10	10	2800	1	*	42	35	33	Tr	0.1	1.4		
	Tynemouth	108	1035.5	+4	NE	3	c	38	85	7	8	-	9-8	7-8	2500	1034.7	+4	NE	2	c	36	85	6	5	-	7-8	7-8	2500	1	2	42	35	33	Tr	0.1	*		
11	St. Abbs Head	280	1035.1	0	-	0	c	37	75	8	5	2	-	7-8	10	1500	1034.1	0	E	1	c	36	75	9	5	2	-	9	10	2000	0	2	39	34	*	-	-	*
	Leuchars	36	1036.0	+2	-	0	c	37	75	8	5	-	10	10	3200	1034.5	0	-	0	c	35	92	7	5	-	10	10	3500	1	*	43	41	34	-	-	0.1		
12	Renfrew (Abbots I.)	19	1035.8	+2	SSE	1	z	38	65	5	5	-	10	10	4000	1034.7	+2	SE'E	2	z	37	65	6	5	-	10	10	3500	1	*	44	36	34	-	-	0.0		
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1034.0	+2	E	2	c	33	75	8	5	-	10	10	2500	1	*	41	32	31	-	-	0.0		
	Point of Ayre	30	1034.0	0	SE'E	3	c	41	75	7	5	2	-	7-8	10	2500	1033.0	-4	SSE	4	c	39	65	8	5	2	-	7-8	10	4000	0	3	44	38	*	-	-	0.5
13A	Tiree	22	1034.0	-4	SSE	3	c	41	85	8	5	*	9	9	3500	1031.1	-2	SSE	4	c	40	85	7	5	-	10	10	2500	0	4	44	38	*	-	-	1.5		
13B	Stornoway	80	1034.7	-8	ESE	3	c	39	75	7	5	7	-	4-6	9	2000	1032.4	-4	SSE	3	c	40	85	8	5	7	-	7-8	9	2000	1	2	41	37	*	-	-	0.0
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	*	1035.1	-4	SE	1	0	31	75	8	5	-	10	10	2500	0	*	38	30	29	-	-	0.0		
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	*	1034.3	+2	NW	1	c	36	75	7	5	-	10	10	2500	1	2	42	35	32	-	-	0.0		
	Wick	81	1035.1	-6	NNW	1	c	36	85	8	5	7	-	7-8	10	1500	1033.9	-2	W	1	c	35	92	8	5	6	-	7-8	9	2500	0	2	40	33	*	-	-	*
16	Lerwick	156	1035.0	-2	W	2	bc	34	85	8	3	-	4-6	4-6	5700	1033.5	0	W's	3	c	38	75	8	5	3	-	4-6	7-8	1500	1	*	39	83	*	Tr	-	1.5	
17	Blacksod Point	18	1029.4	-8	SE	4	c	41	85	8	-	7	0	10	-	1027.7	0	SE's	4	c	49	85	7	-	7	-	0	10	-	0	3	47	37	*	-	-	*	
18	Malin Head	84																																				



SECRET

Page 1.

AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Wednesday 21h April 1941.  
No. 25,003.

OBSERVATIONS at 13h. G.M.T. 8th April														OBSERVATIONS at 18h. G.M.T. 8th April														PAST 24 HOURS.																																																																																																																																																																																		
Distance.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-10 (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-10 (22)	Cloud.					State of Ground. (29)	Sea. 0-9 (30)	WEATHER.																																																																																																																																																																																
				Dir.	Force.					Low.	Med.	High	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Low.					Med.	High	Low 0-10 (25)	Total 0-10 (26)	Height of Base (feet) (28)			7h.—18h. 8th (37)	18h.—18h. 8th (38)	18h.—8h. 1h.—9h. (39)	1h.—7h. 9h. (40)																																																																																																																																																																													
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Thorney Island Lymington Manston	1031.2 1030.5 1031.1 1031.4 1030.7 1029.8 1030.5	+4 -6 -10 -10 -6 -14 -4	NE ENE E/N NE/E NE/E NE/N NE	3 4 2 3 2 3 4	20 20 20 20 20 20 20	43 44 44 43 44 45 44	55 55 55 55 55 58 59	6 7 5 5 5 8 1	7 5 5 5 5 6 3	3 - - - - - -	7-8 9+ 7-8 7-8 9+ 7-8 4-6	7-8 9+ 7-8 7-8 9+ 7-8 4-6	2500 2500 2500 3000 4000 3000 2000	1030.3 1029.8 1029.9 1030.1 1029.5 1029.3 1030.3	-2 -2 -6 -6 -6 +6 +6	NE NE NE NE NE NE NE	3 3 2 3 2 2 4	20 20 20 20 20 20 20	44 42 45 43 46 46 46	55 55 55 55 55 55 55	5 6 6 6 6 4 1	7 - 9 - - 2 1	7-8 4-6 9 7-8 2-3 2-3 Tr	2500 4000 4000 4000 4000 4000 2500	1 - 1 - 0 1 0	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 - - - - - - -	3 



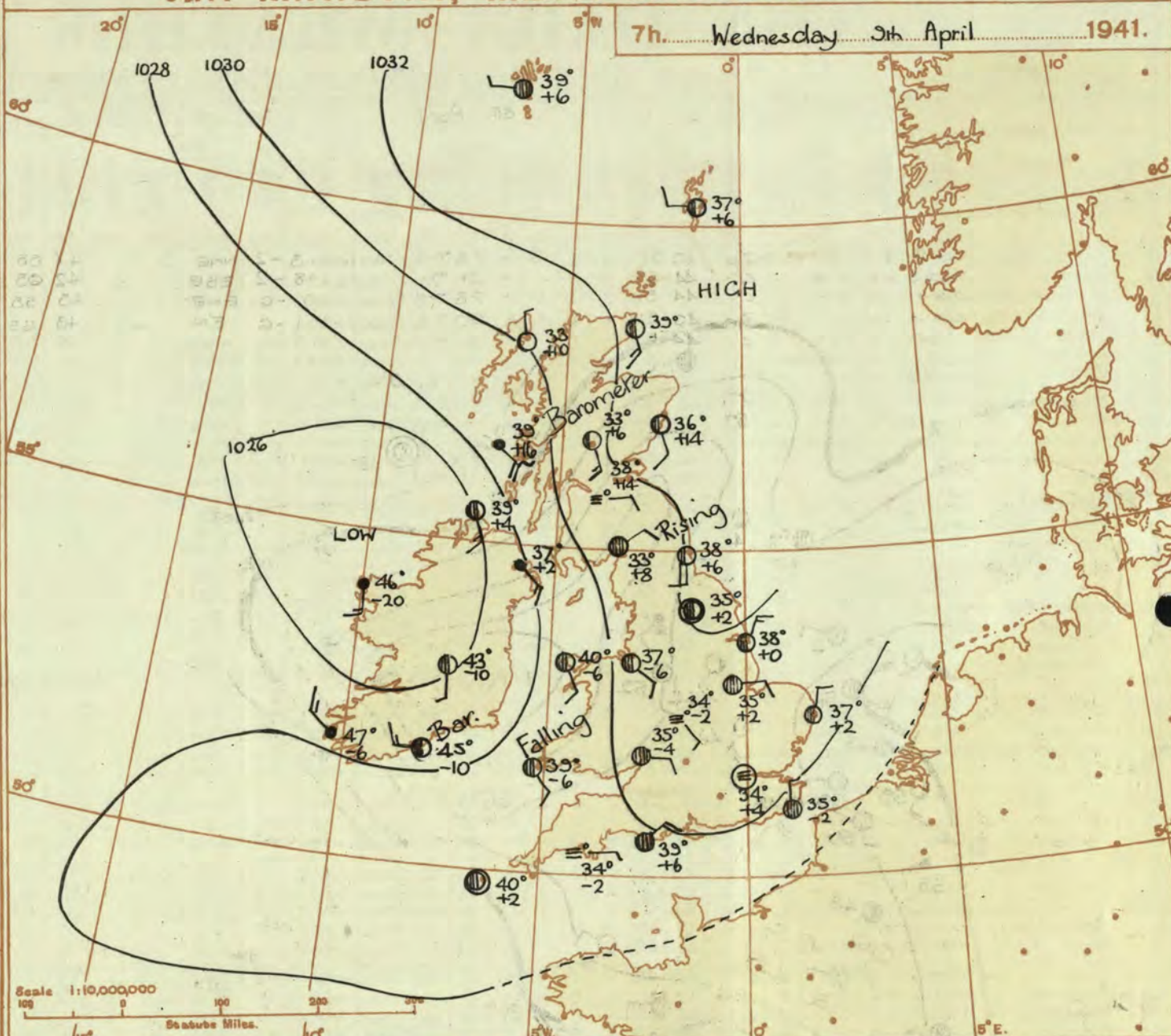
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 8th April								18h. G.M.T.				01h. G.M.T. 9th April				07h. G.M.T.			
IIIC	C <sub>M</sub>	ww	VhN <sub>h</sub>	DDFWN	C <sub>M</sub>	ww	VhN <sub>h</sub>	DDFWN	C <sub>M</sub>	ww	VhN <sub>h</sub>	DDFWN	C <sub>M</sub>	ww	VhN <sub>h</sub>	DDFWN			
109	70	02065	14315		50	01863	14228		5-	02867	14327	5-	02867	13327					
115	73	02844	24226						51	01844	14325	51	01753	08214					
203	51	02854	16325		5-	02858	16328		5-	03748	08228	5-	01753	08213					
206	5-	02877	06227						01	02730	12228	00	00630	00020					
210	5-	02067	12227		5-	02867	14327		5-	02868	12328	51	01863	12313					
220	52	03854	14528		52	05645	14528					52	05644	11328					
230	51	02865	14228		51	02764	14328		02	64548	14168	5-	05648	12128					
245	5-	02868	00328		7-	03868	14228		7-	03758	14488	7-	02867	15327					
260	5-	02868	14228		5-	05668	10228		5-	05668	12128	5-	05668	12128					
277	51	02864	11428		57	02761	12328		52	05642	14328	02	62648	12468					
279	7-	02768	12228		51	05665	30128					5-	05578	08128					
285	8-	03748	08428									5-	02637	08227					
288	8-	02857	06187		57	02765	04228		5-	02758	08128	84	02858	08127					
273	46	08544	15318																
301	51	05664	12228		5-	05568	24128		5-	05568	12228	5-	05567	12327					
321	52	02756	08328		57	01765	06328		5-	02768	04128	5-	02757	03127					
299	52	02745	04317						5-	02758	00028	80	01754	04314					
292	5-	02968	12228		5-	02768	12628		5-	02768	00028	5-	02867	06127					
310	--	02648	08428		--	02636	04416												
316	5-	02858	08228		5-	02757	04227		5-	05668	00028	57	05567	00028					
333	5-	02767	12327		03	02730	12226		07	05630	00028		05644	12325					
334	--	03648	12328		--	05546	12237					--	03746	04228					
340	5-	02768	08328		05	02730	08227		5-	05668	12128	5-	08458	12128					
136	5-	02966	04316		53	02966	04217		5-	02868	04218	8-	33567	30636					
336	52	03753	12328		54	02762	14415					53	02763	14315					
350	50	02864	02227		57	01862	04315					5-	02768	02128					
368	50	02765	03228																
370	50	02753	08315		48	02753	08315		53	05665	08317	5-	02768	08128					
390	53	01754	10314		53	01754	09214		03	05630	04117	5-	02767	04127					
282	70	02864	08227		44	01862	04125		5-	02768	06228	5-	05668	04128					
438																			
430	5-	02767	06427		50	01762	06314		03	05630	04113	5-	05678	04228					
409	51	11228	30774		51	05755	13127		05	05630	10117	07	05730	00027					

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

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 9th April 1941.



Scale 1:10,000,000  
Statute Miles.

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

## GENERAL INFERENCE.

Pressure is high from Iceland to the North Sea and a ridge of high pressure over Southern England connects this anticyclone with another situated northeast of the Azores. A feeble depression over North Ireland is moving slowly south. Weather will be mainly cloudy and there will be some slight rain or drizzle in the West and Southwest. Temperature will be rather low generally.

## FURTHER OUTLOOK.

Fair in the North and East.  
Cloudy with occasional slight rain in the Southwest.

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

Forecasts issued at 10.30 a.m.T.

M.O. 3.0. Press. Control House &c.

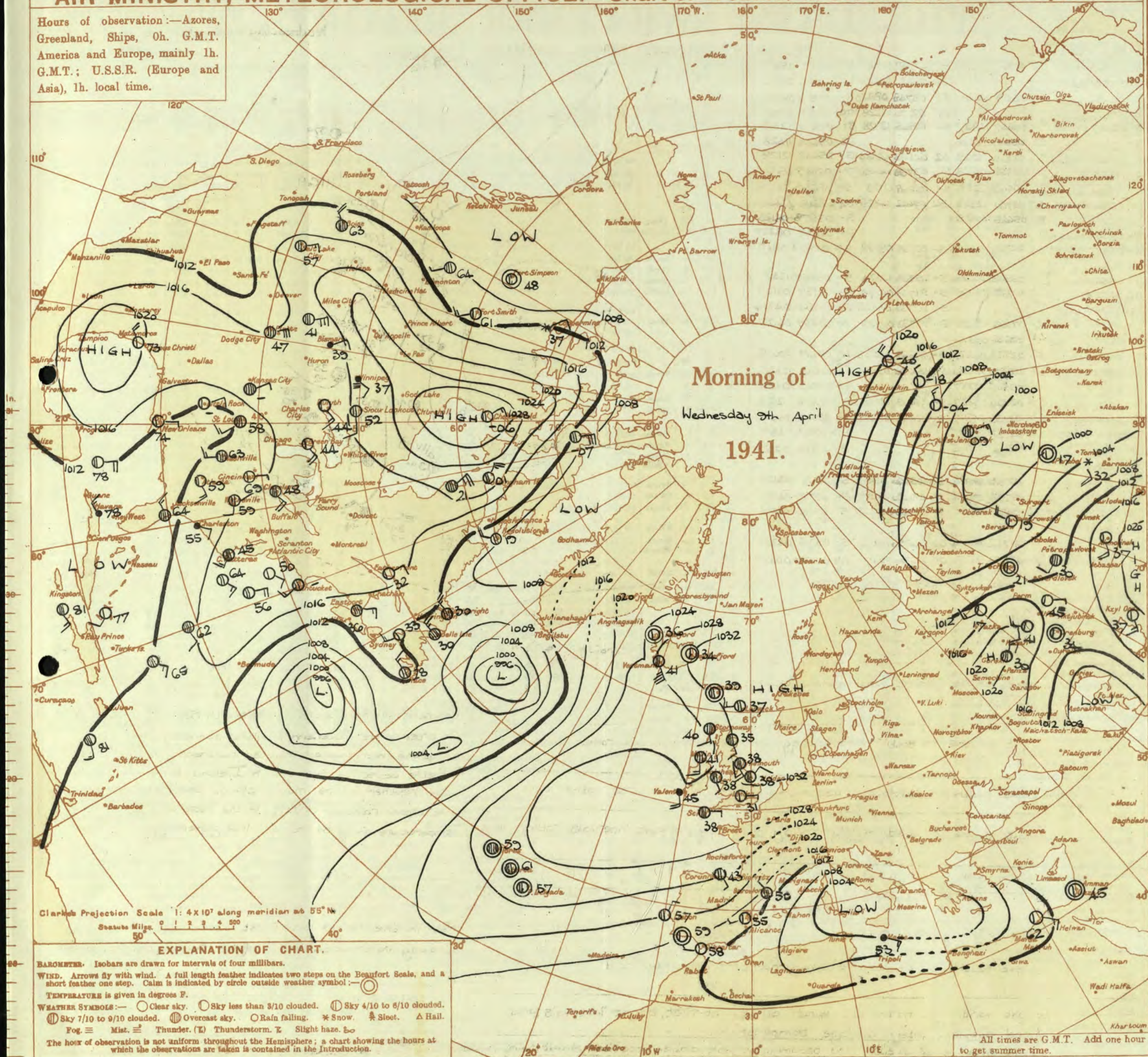
## FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 9th April.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 9th April.
1 S.E. England	Light variable or east wind; mainly cloudy; rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Light variable or south wind; cloudy, occasional slight rain; rather low temperature
6 South Wales ...	
7 North Wales ...	Light southeast wind; cloudy; occasional slight rain at first; rather cold
8 N.W. England	
9 N. Midlands ...	Light southeast wind; mainly cloudy, but some bright intervals; rather cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 7-8
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Light southeast or variable wind; fair or fine; rather cold.
17 N.W. Ireland	Light variable to northwest wind; cloudy at first, bright intervals and local showers later; average temperature.
18 N. E. Ireland	
19 S. E. Ireland	Light south to southeast wind becoming variable; cloudy, occasional slight rain; rather cold
20 S. W. Ireland	As 17



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Wednesday 9th April 1941.  
No. 28995

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. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		Sun-shine 9th Hrs.			
					Dirac.	Force.					Form.	Amount.	Height of Base (feet).	Dirac.	Force.			Form.	Amount.					Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.			Night 18h-7h mm.							
																																Low.	Med.	High.		Low 0-10.	Total 0-10.	Low.
1	London (Kew) ... 18	1030.5	+4	E	1	Zo	31	92	5	-	4	2	0	1	-	1030.2	+4	N'E	3	Zo	37	65	6	5	-	-	94	94	1500	1	*	46	35	24	-	-	3.8	
	Croydon ... 217	1031.0	-2	E'S	1	Zo	34	75	6	-	3	0	2-3	-	-	1030.6	+4	N'E	1	Zo	35	75	6	5	-	-	10	10	2000	1	*	45	28	25	-	-	3.6	
	S. Farnborough ... 226	1030.6	+2	SE	3	Zo	34	85	6	-	3	0	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	47	33	25	-	-	3.5		
	Boscombe Down ... 417	1030.5	+4	NE	2	Zo	34	85	6	-	3	0	4.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	46	-	-	-	-	-		
	Thorney Island ... 10	1030.0	+2	NE/N	2	bc	31	85	7	5	1	-	1	2-3	1800	1029.0	-2	N	1	o	35	85	8	5	-	-	10	10	3500	1	2	46	28	24	-	-	7.8	
	Lympe ... 346	1030.1	-4	NE	2	c	34	75	7	5	-	-	7-8	7-8	2500	1029.3	+4	NE/E	3	psh	36	85	6	8	-	-	10	10	1200	1	*	44	33	27	-	0.2	-	
	Manston ... 154	1030.8	-6	NNE	2	c	37	75	8	5	-	-	10	10	3000	1030.1	+2	N	2	c	37	75	8	5	-	-	10	10	4000	1	*	47	31	21	-	-	5.4	
2	Shoeburyness ... 11	1031.9	0	NE	3	c	39	65	6	5	-	-	10	10	1500	1030.7	+2	NNE	2	c	37	75	7	5	-	-	94	94	600	0	3	46	26	34	-	-	7.3	
	Felixstowe ... 15	1031.1	-6	NE/E	1	c	36	75	8	5	-	-	94	94	3000	1030.6	+4	NNE	2	c	37	65	8	5	-	-	10	10	3200	0	*	42	36	35	-	-	-	
	Gorleston ... 5	1032.0	-4	E	2	c	36	75	8	5	-	-	10	10	3500	1031.0	+2	E	2	c	35	85	8	5	-	-	10	10	3500	0	*	48	34	30	-	-	8.8	
	Mildenhall ... 19	1030.5	-4	ESE	2	bc	39	75	7	-	-	6	0	4.6	-	1028.2	-6	ESE	2	c	38	97	7	5	6	-	7-8	94	2000	0	2	41	33	29	-	-	0.0	
	Cranwell ... 240	1030.4	-2	ESE	2	Zo	36	75	6	-	3	0	94	-	1030.1	0	E'S	2	Zo	36	85	6	5	-	-	10	10	3500	0	*	42	32	27	-	-	-		
3	Birmingham ... 535	1029.7	-6	NW	2	c	41	92	8	5	4	-	7-8	10	4000	1029.1	+6	NE	3	c	39	92	8	5	-	-	10	10	4000	1	3	44	37	-	-	-	3.9	
	Upper Heyford ... 408	1030.3	-4	-	0	Zo	34	85	5	-	7	6	0	9	-	1029.2	-2	E	1	m	34	85	4	5	-	-	94	94	7200	0	2	45	31	23	-	-	3.8	
	Ross-on-Wye ... 223	1029.8	-4	E/N	2	c	37	75	7	8	1	-	7-8	94	2000	1028.7	-4	N	2	c	39	85	7	8	6	-	7-8	94	2000	0	2	45	36	-	-	-	1.6	
4	Scilly (St. Mary's) ... 163	1030.0	-4	E	1	c	38	85	7	5	4	2	2-3	9	1500	1029.4	+2	-	0	c	40	85	7	8	4	-	7-8	94	1500	1	2	49	36	-	-	-	2.6	
	Guernsey ... 175	1030.5	-4	SE	1	c	36	92	7	8	-	-	9	9	4000	1028.5	-6	SE	2	c	39	75	6	5	-	-	10	10	3500	1	2	42	34	-	-	-	1.4	
5	Hartland Point ... 299	1029.7	-6	SE	3	c	36	85	8	5	2	-	9	10	2500	1031.9	+6	S	3	c	27	85	9	5	5	-	7-8	9	2500	0	2	40	35	-	-	-	-	
	Bristol ... 209	1031.8	-4	S	3	c	37	75	8	5	-	-	10	10	4000	1032.1	+10	SE	2	c	37	85	7	5	-	-	10	10	4500	1	*	40	36	36	-	-	0.0	
	Portland Bill ... 32	1031.1	-4	ESE	2	Zo	37	75	6	5	-	-	10	10	4300	1031.5	+14	E	2	m	38	75	4	5	-	-	10	10	2500	1	*	43	37	35	-	-	0.0	
	Plymouth ... 82	1031.4	+8	SSE	1	Zo	37	75	6	5	-	-	10	10	3800	1030.3	-6	SE/E	2	Zo	37	75	5	5	2	-	94	10	2500	1	*	42	36	26	-	-	0.0	
	The Lizard ... 240	1031.7	-2	E'S	3	Zo	38	75	5	3	-	-	94	10	3500	1031.0	-2	ESE	2	Zo	36	75	5	5	7	-	7-8	10	4500	1	*	43	35	33	-	-	0.1	
	Scilly (St. Mary's) ... 163	1032.2	-6	NE	2	c	38	75	7	5	2	-	4.6	10	4000	1031.3	0	NE/N	3	c	38	75	7	8	-	-	94	94	2500	0	3	41	39	-	-	-	6.0	
	Guernsey ... 175	1032.3	-2	-	0	Zo	36	85	6	5	-	-	10	10	2800	1032.1	+2	-	0	c	35	85	8	5	-	-	94	94	4000	0	*	40	34	32	-	-	0.0	
	Tynemouth ... 108	1032.9	0	SE	3	c	38	85	7	5	-	-	94	94	2500	1032.3	+6	S	2	bc	38	85	8	2	3	-	2-3	4.6	3200	1	2	42	37	34	-	-	-	
11	St. Abbs Head ... 280	1032.1	-6	S	3	c	36	85	8	5	2	-	9	10	2500	1031.9	+6	S	3	c	27	85	9	5	5	-	7-8	9	2500	0	2	40	35	-	-	-	-	
	Leuchars ... 36	1031.8	-4	SE	3	c	37	75	8	5	-	-	10	10	4000	1032.1	+10	SE	2	c	37	85	7	5	-	-	10	10	4500	1	*	40	36	36	-	-	0.0	
12	Renfrew (Abbots L.) ... 19	1031.1	-4	ESE	2	Zo	37	75	6	5	-	-	10	10	4300	1031.5	+14	E	2	m	38	75	4	5	-	-	10	10	2500	1	*	43	37	35	-	-	0.0	
	Eskdalemuir ... 794	1030.3	-12	S	3	c	40	75	7	5	1	-	4.6	10	2500	1029.3	+2	ENE	2	c	33	85	6	5	-	-	10	10	800	1	*	38	32	30	-	-	0.0	
	Point of Ayre ... 30	1026.1	-6	SE'S	6	dd	39	92	6	2	*	10	10	1500	1028.9	+16	SE/E	4	dd	39	92	7	5	1	-	7-8	94	1500	1	5	45	37	-	-	-	0.2		
13A	Tiree ... 22	1029.0	0	SSE	2	c	40	92	7	5	1	-	Tr	10	2500	1030.6	+10	N	1	b	33	97	6	-	-	0	-	-	1	2	44	32	-	-	-	0.4		
13B	Stornoway ... 80	1031.2	+6	SSE	3	bc	33	75	7	2	4	-	-	2-3	2-3	2500	1031.2	+6	SSE	3	bc	33	75	7	2	4	-	2-3	2-3	2500	0	*	37	31	28	-	-	0.6
15	Dalwhinnie ... 1176	1032.7	+14	SSE	2	bcjp	36	75	6	7	-	-	4.6	4.6	1500	1032.7	+14	SSE	2	bcjp	36	75	6	7	-	-	4.6	4.6	1500	1	1	39	35	30	-	-	0.0	
	Aberdeen ... 79	1032.0	-	SSE	3	c	39	85	8	5	-	-	2-3	2-3	2500	1033.7	+6	W	2	bc	37	75	8	5	3	-	2-3	4.6	2500	0	*	41	37	-	-	-	0.0	
	Wick ... 81	1026.2	-6	S	3	1r	45	85	7	6	-	-	10	10	1500	1022.4	-20	S	3	1r	46	97	7	6	-	-	10	10	800	1	4	46	41	-	-	-	6.8	
16	Lerwick ... 156	1025.2	-10	S	3	c	41	92	7	9	-	-	4.6	7-8	2500	1025.4	+4	SSE	3	c	39	92	8	8	-	-	9	9	2500	0	2	45	33	-	-	-	0.0	
	Blackod Point ... 18	1029.2	-6	SE'S	4	rr	36	97	6	6	2	-	7-8	10	1700	1027.9	+2	SE/E	3	rr	37	92	6	6	-	-	10	10	800	2	*	44	35	35	-	1	0.9	
17	Malin Head ... 84	1028.6	-6	S	1	1r	41	97	7	5	-	-	10	10	2500	1025.9	-10	S	1	c/r	43	97	7	6	2	-	4.6	10	1500	1	*	46	41	-	-	-	0.0	
18	Aldegrove ... 268	1029.2	-4	S	3	c	46	85	8	5	-	-	94	94	1500	1027.1	-10	W	3	c/r	45	92	7	6	2	-	7-8	9	800	1	4	47	44	-	-	-	0.3	
19	Birr Castle ... 173	1029.2	-6	SSE	4	dd	45	97	5	5	2	-	9	10	800	1027.4	-6	NW/W	3	id	47	85	8	5	-	-	7-8	2-8	2500	1	3	52	45	40	0.1	0.5		
20	Valentia Obey ... 30	1029.7	-4	S	3	c	46	85	8	5	-	-	94	94	1500	1027.1	-10																					



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Thursday 10th April 1941  
No. 28994

OBSERVATIONS at 13h. G.M.T. 24h. April															OBSERVATIONS at 18h. G.M.T. 24h. April															PAST 24 HOURS.							
Distance.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility.	Cloud.					Height of Base (feet)	Barom. at M.S.L.	Change in 3 hours.	Wind.		Weather.	Temp.	Humid.	Visibility.	Cloud.				Height of Base (feet)	State of Ground.	Sea.	WEATHER.						
				Dir.	Force.					Low.	Med.	High.	Low 0-10	Total 0-10				Form.	Amount.					Low.	Med.	High.	Low 0-10				Total 0-10	Form.	Amount.	7h.—13h. 24h.	13h.—18h. 24h.	18h.—24h. 1h.—12h.	1h.—7h. 12h.
1	London (Kew)...	1028.8	-4	N	3	c	40	55	6	5	2	-	7-8	3	1500	1028.7	-4	NE	5	bc	44	45	6	5	-	7-8	7-8	2500	1	*	czy	czybczy	bey	bcmx			
	Croydon ...	1029.2	-6	N	4	c	39	55	6	9	-	-	10	10	4000	1028.6	-2	ENE	4	bc	41	65	6	4	-	1	2-3	3600	1	*	czy	czybcz	bcezc	cloem			
	S. Farnborough	1030.0	-2	N	4	c	39	55	6	7	-	-	10	10	3800	1028.8	-6	NE	2	bc	43	45	7	4	-	1	4500	1	*	czy	czyby	byczabc	bcebmox				
	Boscombe Down	1030.0	-2	N	4	c	40	55	7	5	7	-	4-6	9	2500	1029.6	-2	NE	2	bc	39	55	7	5	7	2-3	4-6	2000	0	*	czy	bcy	beyzbc	bce			
	Thorney Island																																				
	Lympe ...	1028.5	-2	N	2	c/p	38	75	8	8	-	-	9	9	2200	1028.4	0	ENE	2	bc	41	55	6	5	-	2-3	2-3	4000	1	*	czy	czybcy	beyzbc	cbyz			
	Manston ...	1028.8	-4	N	4	c	41	75	8	8	6	-	7-8	9	2000	1028.5	+4	N'E	5	pr	37	85	7	8	6	-	7-8	9	1200	1	*	czy	czybcy	beyzbc	bcebmox		
2	Shoeburyness ...	1029.6	-6	N	2	c	44	55	8	8	-	-	7-8	7-8	4000	1029.3	+2	NE	3	bc	38	55	9	5	-	1	1	4000	1	*	czy	czybcy	beyzbc	bcebmox			
	Felixstowe ...	1029.5	-4	N	4	c	43	65	9	7	-	-	9	9	3000	1029.7	+6	NE	5	bc	40	65	8	5	-	2-3	2-3	2500	1	*	czy	czybcy	beyzbc	bcebmox			
	Gorleston ...	1030.7	+4	N	4	c	40	55	7	1	-	-	2-3	2-3	3000	1029.9	+4	NE/N	4	bc	41	65	7	7	-	4-6	4-6	2500	0	3	czy	czybcy	beyzbc	bcebmox			
	Mildenhall ...	1029.6	-10	N	4	c	45	45	8	1	-	-	4-6	4-6	2500	1030.0	+6	NE	5	bc	42	65	8	2	-	4-6	4-6	2500	0	*	czy	czybcy	beyzbc	bcebmox			
	Cranwell ...	1030.2	-6	N	4	c	42	65	9	8	-	-	9	9	3000	1032.1	+8	NE	5	c/pr	40	75	9	8	-	7-8	7-8	1800	0	*	czy	czybcy	beyzbc	bcebmox			
3	Birmingham	1031.1	0	N	2	c	38	65	6	5	-	-	10	10	1500	1031.1	0	E	2	bc	38	65	5	5	-	10	10	2500	0	*	czy	czybcy	beyzbc	bcebmox			
	Upper Heyford	1030.7	-2	N	3	c	39	65	8	5	-	-	10	10	2000	1030.2	+6	NE/E	3	bc	42	65	7	7	-	7-8	7-8	3000	0	*	czy	czybcy	beyzbc	bcebmox			
4	Ross-on-Wye ...	1030.6	-4	N	3	c	41	55	7	5	2	-	7-8	10	2500	1030.1	0	NE	3	c	41	55	8	5	-	9	9	4000	1	*	czy	czybcy	beyzbc	bcebmox			
5	Hartland Point																																				
	Bristol ...	1030.5	+2	N	3	c/p	39	75	7	5	1	-	2-3	10	1800	1028.9	+10	ENE	4	c	41	85	7	5	2	-	7-8	9	2000	0	3	czy	czybcy	beyzbc	bcebmox		
	Portland Bill	1028.9	-6	N	3	c	41	92	8	5	-	-	10	10	2500	1029.5	-4	NE	2	c	40	55	7	5	-	9	9	2500	0	*	czy	czybcy	beyzbc	bcebmox			
	Plymouth ...	1028.4	-4	N	3	c	44	65	6	9	2	-	4-6	10	2500	1028.8	+6	E	4	bc	42	75	6	5	7	8	7-8	9	4500	1	3	czy	czybcy	beyzbc	bcebmox		
	The Lizard	1027.5	-4	N	2	c	43	85	7	5	-	-	10	10	1000	1027.3	+4	E	4	bc	40	97	7	3	2	-	9	10	1500	1	2	czy	czybcy	beyzbc	bcebmox		
	Soilly (St. Mary's)	1027.7	-6	N	2	c	43	85	6	5	-	-	10	10	1500	1027.4	+2	SE	2	bc	41	97	6	5	2	-	7-8	10	1500	1	2	czy	czybcy	beyzbc	bcebmox		
	Guernsey ...																																				
6	Pembroke ...	1028.4	-6	SE	5	c	41	92	6	8	2	-	7-8	10	1000	1030.0	+4	ESE	4	bc	41	85	6	-	7	-	2-3	2-3	5000	1	3	czy	czybcy	beyzbc	bcebmox		
7	Holyhead ...	1029.6	+2	N	4	c/p	43	75	7	5	1	-	2-3	9	1600	1031.6	+12	E/N	6	bc	43	65	6	5	-	9	9	5000	1	4	czy	czybcy	beyzbc	bcebmox			
	Chester (Sealand)	1031.1	+2	SE	3	c	42	55	6	5	-	-	4-6	10	2500	1032.4	+8	NE	1	bc	43	55	6	5	-	9	9	4600	1	*	czy	czybcy	beyzbc	bcebmox			
8	Manchester ...	1031.8	+2	N	3	c	40	65	6	5	-	-	4-6	10	3500	1032.7	+6	ENE	3	bc	42	65	6	5	-	10	10	4000	1	*	czy	czybcy	beyzbc	bcebmox			
10	Spurn Head	1032.8	+2	N	4	c	43	75	7	8	6	-	7-8	9	4000	1032.2	+4	NE	4	bc	41	85	7	7	6	-	2-3	4-6	4000	0	3	czy	czybcy	beyzbc	bcebmox		
	Catterick	1032.8	+2	SE	2	c	42	55	9	5	-	-	9	9	3500	1034.3	+10	ENE	2	c/p	40	65	7	8	-	9	9	3800	0	*	czy	czybcy	beyzbc	bcebmox			
	Tynemouth	1033.6	+6	SE	3	bc	42	75	8	8	-	-	4-6	4-6	3200	1034.7	+8	NE	3	bc	40	75	8	1	4	-	2-3	2-3	3600	1	3	czy	czybcy	beyzbc	bcebmox		
11	St. Abbs Head	1033.4	+6	SE	3	bc	43	65	9	5	4	-	2-3	2-3	2500	1034.6	+4	ESE	1	bc	40	65	9	4	4	-	Tr	1	2500	0	2	czy	czybcy	beyzbc	bcebmox		
	Leith ...	1034.0	+8	N	4	bc	40	75	7	7	-	-	2-3	2-3	3500	1034.9	+8	E	4	bc	40	75	9	8	3	-	Tr	2-3	3500	1	*	czy	czybcy	beyzbc	bcebmox		
12	Ranfurly (Abbots L.)	1033.4	+6	SE	2	c	44	65	6	5	-	-	9	9	3500	1034.4	+2	-	0	bc	43	55	5	-	-	0	0	-	-	0	*	czy	czybcy	beyzbc	bcebmox		
	Eastdalemuir	1032.8	+4	SE	3	c	39	55	6	5	-	-	9	9	1500	1033.9	+6	SE/E	2	bc	40	55	8	5	-	7-8	7-8	1500	1	*	czy	czybcy	beyzbc	bcebmox			
	Point of Ayre	1031.4	+6	SE	4	bc	46	55	7	5	-	-	4-6	4-6	4000	1033.8	+16	SE	2	bc	43	65	8	-	5	5	0	2-3	-	1	2	czy	czybcy	beyzbc	bcebmox		
13A	Tiree ...	1032.8	+20	SE	2	bc	44	75	6	5	-	-	4-6	4-6	1800	1033.9	+6	NSW	1	bc	44	92	6	-	-	0	0	-	-	0	2	czy	czybcy	beyzbc	bcebmox		
13B	Stornoway	1032.5	+4	N	2	b	45	85	6	1	-	-	Tr	1	3500	1033.5	+6	NW	3	bc	44	75	6	-	-	0	0	-	-	1	3	czy	czybcy	beyzbc	bcebmox		
15	Dalwhinnie	1034.1	+10	SE	3	bc	40	65	7	8	-	-	9	9	2500	1034.2	+4	SSW	2	bc	39	65	6	8	4	-	2-3	4-6	1500	0	*	czy	czybcy	beyzbc	bcebmox		
	Aberdeen	1034.4	+10	SE	3	bc	43	92	7	1	-	-	9	9	2500	1034.7	+2	S	3	bc	40	65	8	1	-	Tr	Tr	4000	1	*	czy	czybcy	beyzbc	bcebmox			
	Wick ...	1033.5	0	SE	3	bc	43	75	8	2	4	-	2-3	2-3	2500	1033.8	-2	SE	3	bc	40	92	8	5	-	2-3	2-3	2500	0	3	czy	czybcy	beyzbc	bcebmox			
16	Lerwick...	1034.5	+2	N	3	c	43	65	8	5	7	-	4-6	9	1500	1033.8	-6	N/W	3	c	43	92	8	5	3	-	4-6	7-8	1500	1	*	czy	czybcy	beyzbc	bcebmox		
17	Blackhead Point...	1028.2	+36	N	3	bc	49	85	8	2	-	-	2-3	2-3	1500	1031.9	+22	E	3	bc	48	85	8	-	-	2	0	2-3	-	0	3	czy	czybcy	beyzbc	bcebmox		
18	Malin Head	1030.2	+18	SE	5	c	46	75	6	2	-	-	2-3	7-8	1500	1033.5	+10	E/S	2	bc	44	65	5	5	-	7-8	7-8	2500	0	2	czy	czybcy	beyzbc	bcebmox			
	Aldergrove	1031.7	+18	SE	4	c	40	85	6	5	-	-	9	9	1000	1034.0	+14	E	3	bc	40	65	6	5	-	2-3	2-3	3000	1	*	czy	czybcy	beyzbc	bcebmox			
19	Birr Castle	1026.3	+6	SE	4	c/pr	49	85	8	8	-	-	7-8	7-8	1500	1031.3	+14	SE	1	c	44	75	8	5	1	-	7-8	9	2500	1	*	czy	czybcy	beyzbc	bcebmox		
20	Valentia Obay. ↑	1025.8	-10	N	4	c	40	55	8	5	-	-	9	9	1500	1028.6	+26	SE	2	bc	52	65	9	7	-	2-3	2-3	2500	1	2	czy	czybcy	beyzbc	bcebmox			
	Roches Point	1025.2	-6	N	2	pr	48	92	8	3	1	-	7-8	9	1500	1029.6	+34	E	4	c	45	85	8	6	2	-	7-8	9	1500	1	4	czy	czybcy	beyzbc	bcebmox		

### 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.  
 ff, fog at a distance, but not at station.  
 jp, precipitation within sight of station.  
 ks, storm of drifting snow.  
 k/s, slight storm of drifting snow (generally low).  
 k/S, heavy storm of drifting snow (generally low).  
 s/k, slight storm of drifting snow (generally high).  
 S/k, heavy storm of drifting snow (generally high).  
 KQ, line squall. l, lightning.  
 o, overcast sky. p, passing showers.

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

FIGURE 9. 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 18, 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:    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.



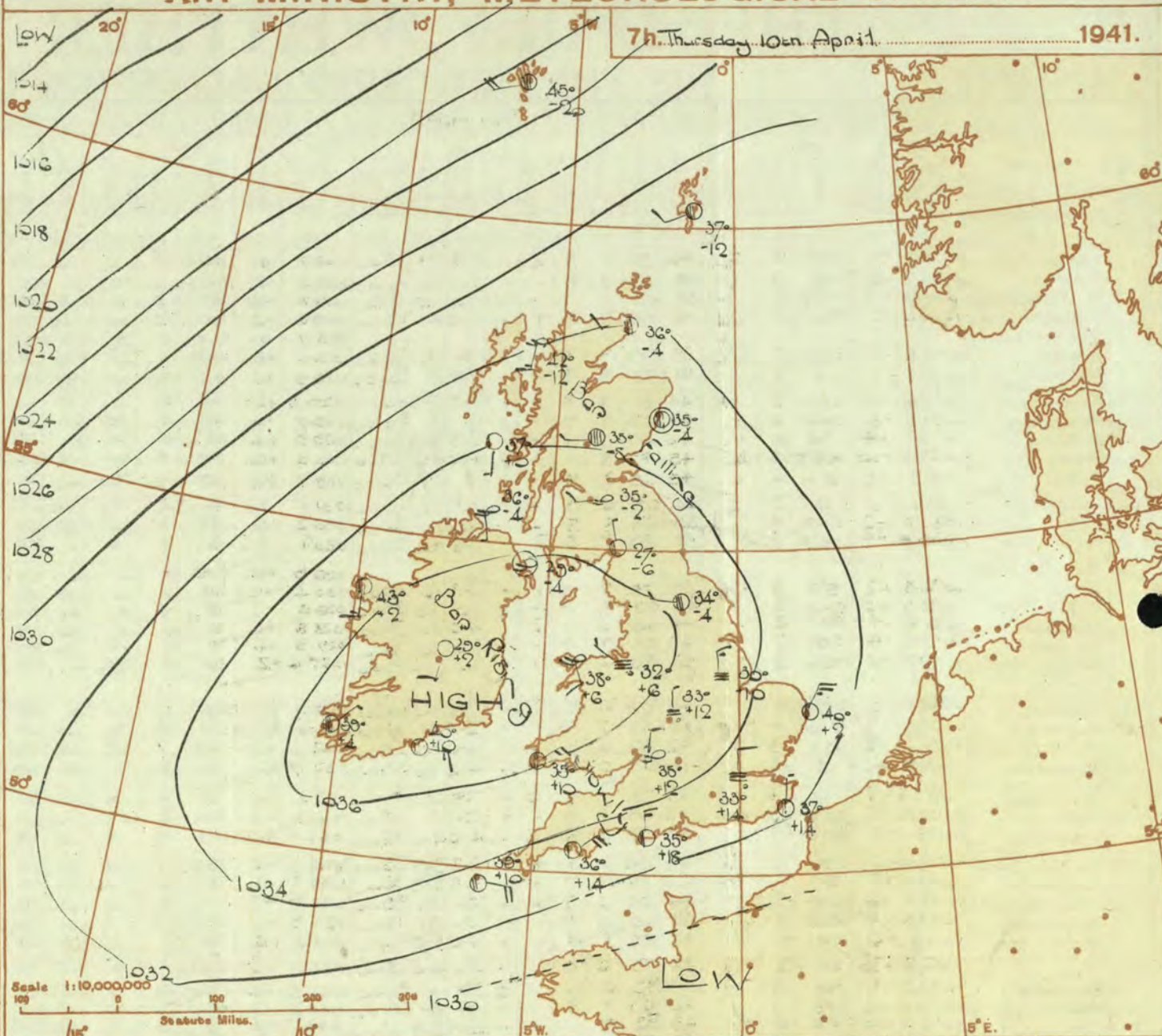
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 20th April 1941				18h. G.M.T.				01h. G.M.T. 1st May 1941				07h. G.M.T.			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN		C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN		C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	
109				5-	02966	00026		5-	02877	00027		5-	03858	20328	
115	51	01753	08314					52	17645	20428					
203								5-	01854	16314		5-	03838	16528	
206	20	00762	12102	50	01773	04113	03	05650	22111	53	05664	26227			
210	70	01863	14313	00	05630	32100	00	05630	19200	07	05630	24328			
220	34	05653	10116	00	05590	22100		52	05643	17328					
230	5-	05667	00017	5-	05567	18127	5-	18128	36040	5-	05668	10328			
245	10	00952	14312	50	00861	16301	07	02790	24227	07	05630	24228			
260	5-	05667	06227	5-	05677	32217	5-	05577	00027	53	05563	22225			
277	50	00753	12463	53	01863	14223	00	05630	25210	14	05661	16102			
279	53	02755	10425	5-	02767	09327	00	05630	08100	50	05661	16111			
285	8-	02847	10427	5-	02847	08427									
288	8-	02857	06227	8-	02857	04327	8-	17456	20126	00	05630	18115			
273	36	03654	09448					4-	03552	13202					
301	5-	05657	10327	5-	05667	10327	04	05630	08212	00	47330	00044			
321	57	02855	05326	36	10853	04314	50	05564	31214	50	05561	30214			
299	87	02855	04216	8-	02845	05415	8-	01744	03314						
292	5-	02968	08228	7-	02855	04325	40	05661	26281						
310	--	05528	08328	--	01635	08415				--	01644	04314			
316	7-	02767	06277	86	25753	04385	5-	01653	02313	50	45354	30244			
333	52	62644	04428	5-	05657	10327	00	05330	06210	57	02765	00026			
334	--	02646	14316	--	02647	12317				--	02547	10217			
340	5-	02766	08426	5-	05766	08326	00	05530	30201	00	43330	32145			
136	8-	09556	04486	20	10555	06485	20	02855	06315	84	02963	03315			
336	52	71753	14478	52	02763	08427				14	05653	06314			
350	5-	02855	04327	5-	01855	03425	00	01790	02315	53	02754	02315			
368	52	05656	09568												
379	83	02755	06328	7-	02755	06325	5-	05657	04317	--	48103	04309			
390	7-	02748	05328				00	00790	01210	54	05663	01214			
382	57	02866	03228	53	02864	03325	5-	05665	03215	53	05653	01313			
438										00	00790	02400			
430	5-	02767	06328	50	05663	04213	5-	05657	04327	50	00761	01401			
409	52	62646	15168	53	02642	10265	00	05630	04210	30	00862	04302			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 10th April 1941.



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DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 10th April.

1 S.E. England	Light N.E. winds backing N.W. to variable; mainly fine; less cold by day; keen frost tonight.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	As G-10
5 S.W. England	Moderate N.E. winds, falling light later; fair or fine; rather cold.
6 South Wales ...	Light variable to westerly wind, fine; day temperatures higher than of late; keen frost in places at night.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Light west wind backing S.W. moderate; fair, cloud increasing; becoming milder.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Winds S. to S.W. slowly freshening; fair at first; cloud increasing; occasional light rain, or drizzle, spreading from west; milder.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 11-12
19 S. E. Ireland	As G-10
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 temperatures.

GENERAL INFERENCE.

An anticyclone centred over the Irish Sea will continue to move slowly S.S.W. Depressions are moving northeast across Iceland. Weather will be fine or fair over the greater part of the country, but light rain or drizzle will extend along the northwest seaboard. Day temperatures will be higher than of late but frost will occur at night.

FURTHER OUTLOOK.

Unsettled and mild in the N.W. and N. Generally fair and warmer over England, Wales and S.E. Ireland.

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

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

M.M.S.O. Press, Central 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.

Morning of  
Thursday 10th April  
1941.

Clarke'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. △ Hail.

☼ Mist. ☼ Thunder. ☼ Thunderstorm. ☼ Slight haze. ☼

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

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 10th April 1941.  
No. 28994

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. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-10 (8)	Cloud.					Barom. 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)	TEMPERATURE.			RAINFALL.		SUNSHINE 9th Hrs. (36)	
					Dir.	Force. 0-12 (4)					Form.	Amount. 0-10 (13)	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. 0-10 (26)					Height of Base. (feet) (28)	Max. Day 7th-15th °F. (31)	Min. Night 15th-7th °F. (32)	Min. on Grass °F. (33)	Day 7th-15th mm. (34)			Night 15th-7th mm. (35)						
																																Low. (9)	Med. (10)	High (11)	Low (12)		Total (13)
1	London (Kew) ... 18	1031.9	+10	E	4	c	34	75	7	5	-	9	9	5700	1033.9	+10	NE	2	Zo	34	85	5	5	-	9.6	7.8	2500	1	*	45	31	20	-	-	2.3		
	Croydon ... 217	1032.4	+6	NE	2	bc	35	65	7	5	3	-	1	2.3	5700	1034.0	+12	N'E	2	Zo	33	85	6	4	-	9	9	1500	1	*	42	31	29	-	-	1.9	
	S. Farnborough ... 226	1032.7	+10	N'E	2	bc	32	85	7	5	-	2.3	2.3	2500	1034.6	+12	N'E	2	Zo	32	85	6	-	-	1	0	Tr	-	3	*	44	28	25	-	Tr	0.6	
	Boscombe Down ... 417	1031.5	+6	ENE	3	Zo	35	75	6	5	-	9+	9+	4000	1033.0	+10	NNE	3	b	33	85	7	5	-	Tr	Tr	4000	1	*	42	31	26	-	-	*		
	Thorney Island ... 10	1030.5	+2	NE/N	3	b	36	85	8	1	-	1	1	2500	1032.0	+14	NNE	1	bc	37	85	8	1	-	5	Tr	2.3	4000	1	*	42	32	27	Tr	Tr	0.7	
	Lymington ... 346	1030.3	+2	NE/N	3	b	36	85	8	1	-	1	1	2500	1032.0	+14	NNE	1	bc	37	85	8	1	-	5	Tr	2.3	4000	1	*	42	32	27	Tr	Tr	0.7	
	Manston ... 154	1030.6	+4	NE	4	bc	38	92	8	8	-	2.3	2.3	2500	1032.3	+14	NNE	4	bc	37	85	7	7	-	4.6	4.6	2500	0	*	43	36	34	0.2	-	*		
2	Shoeburyness ... 11	1032.0	+8	NNE	3	b	34	85	7	5	-	Tr	Tr	2000	1033.2	+6	N'E	2	bc	34	85	6	-	-	2	0	4.6	-	1	*	44	30	25	-	-	4.4	
	Felixstowe ... 15	1033.3	+10	NE	4	b	38	75	6	5	-	6	6	Tr	2000	1032.7	+8	N'E	3	Zo	34	97	6	5	-	2	9	9+	3000	1	2	44	31	27	Tr	-	6.2
	Gorleston ... 5	1033.3	+6	N	1	b	28	85	8	5	-	Tr	Tr	3500	1034.0	+10	N'E	2	c	33	85	8	8	3	-	4.6	7.8	2500	0	*	47	26	17	-	Tr	3.8	
	Mildenhall ... 19	1034.0	+2	NE/N	3	b	34	92	8	2	4	-	1	1	2000	1035.3	+10	NNW	3	bft	30	97	1	-	-	0	0	-	3	*	45	29	-	Tr	Tr	*	
	Cranwell ... 240	1034.0	+2	NE/N	3	b	34	92	8	2	4	-	1	1	2000	1035.3	+10	NNW	3	bft	30	97	1	-	-	0	0	-	3	*	45	29	-	Tr	Tr	*	
3	Birmingham ... 535	1033.1	+6	NE	2	bc	33	92	7	5	-	2.3	2.3	2800	1035.5	+12	N	1	m	33	97	4	3	-	2.3	2.3	2500	1	*	31	26	*	-	-	0.1		
	Upper Heyford ... 408	1033.1	+6	NE	2	bc	33	92	7	5	-	2.3	2.3	2800	1035.5	+12	N	1	m	33	97	4	3	-	2.3	2.3	2500	1	*	31	26	*	-	-	0.1		
4	Ross-on-Wye ... 223	1033.1	+6	NE	2	bc	33	92	7	5	-	2.3	2.3	2800	1035.5	+12	N	1	m	33	97	4	3	-	2.3	2.3	2500	1	*	31	26	*	-	-	0.1		
5	Hartland Point ... 299	1032.4	+6	NNE	4	bc	40	85	8	1	-	2.3	2.3	1500	1034.4	+12	NNE	4	c	38	75	8	5	-	7.8	7.8	2000	0	4	44	37	35	Tr	-	0.0		
	Bristol ... 209	1033.7	+12	NE	2	Zo	34	85	6	-	3	-	0	7.8	-	1035.3	+12	ENE	3	Zo	35	85	5	5	-	9+	9+	2000	0	*	42	32	22	Tr	-	0.0	
	Portland Bill ... 32	1031.3	+14	NE	3	c	37	92	8	5	-	7.8	7.8	4000	1033.1	+18	N	3	bc	35	92	8	2	-	4.6	4.6	4000	1	3	42	34	*	-	-	0.0		
	Plymouth ... 82	1032.2	+10	E	4	Zo	37	75	6	-	-	0	0	-	1034.1	+14	NE	4	b	36	75	8	5	-	1	1	3000	0	3	46	34	*	-	-	0.0		
	The Lizard ... 240	1032.0	+16	NNE	4	bc	37	75	8	2	-	2.3	2.3	2500	1033.3	+20	NE	4	bc	34	92	8	2	-	4.6	4.6	2500	1	2	44	34	*	-	-	0.0		
	Scilly (St. Mary's) ... 163	1032.0	+18	E/N	4	bc	40	75	7	5	2	4.6	4.6	1500	1033.5	+10	E	4	bc	39	75	8	8	-	4.6	4.6	2200	1	4	45	38	*	4	7	Tr	0.2	
	Guernsey ... 175	1032.0	+18	E/N	4	bc	40	75	7	5	2	4.6	4.6	1500	1033.5	+10	E	4	bc	39	75	8	8	-	4.6	4.6	2200	1	4	45	38	*	4	7	Tr	0.2	
6	Pembroke ... 142	1033.5	0	NE	3	b	36	75	7	-	-	0	0	-	1036.2	+10	NE	3	bc	36	85	7	5	-	2.3	2.3	2500	1	3	41	34	*	3	-	0.0		
7	Holyhead ... 26	1035.3	0	ENE	4	Zo	39	85	6	5	-	10	10	3500	1036.6	+6	SE/S	2	Zo	38	92	6	5	3	9	9	3200	1	1	48	36	30	Tr	-	1.7		
	Chester (Sealand) ... 16	1035.5	+6	NE	2	c	38	85	6	5	-	7.8	7.8	4500	1036.6	+6	NW	1	m	32	92	4	-	5	0	2.3	-	1	*	44	30	22	-	-	0.4		
8	Manchester ... 70	1035.8	+4	NNE	2	Zo	36	85	5	5	3	4.6	7.8	5000	1036.6	+6	-	0	m	34	85	4	-	4	6	0	7.8	-	1	*	43	31	-	-	-	0.4	
10	Spurn Head ... 29	1034.5	+2	NE	2	bc	38	95	7	7	4	-	2.3	4.6	4000	1035.7	-4	WNW	1	c	34	75	7	-	6	0	7.8	-	0	*	42	29	21	0.6	Tr	0.1	
	Catterick ... 175	1036.3	+2	NW	1	b	33	85	7	-	-	0	0	-	1035.7	-4	WNW	1	c	34	75	7	-	6	0	7.8	-	0	*	42	29	21	0.6	Tr	0.1		
	Tynemouth ... 108	1036.3	+2	NW	1	b	33	85	7	-	-	0	0	-	1035.7	-4	WNW	1	c	34	75	7	-	6	0	7.8	-	0	*	42	29	21	0.6	Tr	0.1		
11	St. Abbs Head ... 280	1034.9	-8	W	4	b	35	85	8	4	-	Tr	Tr	2500	1033.3	-8	WNW	4	c	40	65	7	4	5	3	4.6	7.8	2000	0	3	44	35	-	-	*		
	Leuchars ... 36	1035.5	-2	W	2	c	35	92	7	5	-	10	10	4000	1033.6	-6	W	3	Zo	36	85	6	5	7	4.6	9+	4500	1	*	43	33	30	-	-	5.6		
12	Renfrew (Abbots L.) ... 19	1036.7	+2	WSW	1	cf	33	85	3	5	-	9+	9+	4500	1035.9	-2	W	2	Zo	35	85	6	-	5	-	0	9+	-	0	*	47	30	21	-	-	0.7	
	Ekdalemuir ... 794	1036.7	+2	WSW	1	cf	33	85	3	5	-	9+	9+	4500	1035.9	-2	W	2	Zo	35	85	6	-	5	-	0	9+	-	0	*	47	30	21	-	-	0.7	
	Point of Ayre ... 30	1036.4	+6	NW	1	b	28	85	8	1	-	5	Tr	1	4000	1035.8	-6	NW	1	bc	27	92	7	5	-	4.6	4.6	2500	3	*	43	21	14	-	-	1.0	
	Time ... 22	1036.4	+6	NW	1	b	28	85	8	1	-	5	Tr	1	4000	1035.8	-6	NW	1	bc	27	92	7	5	-	4.6	4.6	2500	3	*	43	21	14	-	-	1.0	
13A	Pirees ... 22	1036.4	+6	NW	1	b	28	85	8	1	-	5	Tr	1	4000	1035.8	-6	NW	1	bc	27	92	7	5	-	4.6	4.6	2500	3	*	43	21	14	-	-	1.0	
13B	Stornoway ... 80	1034.7	0	WNW	1	c	34	97	6	-	-	7	0	10	-	1034.1	0	S	1	b	37	85	7	-	1	0	1	-	0	2	45	32	*	-	-	8.4	
15	Dalwhinnie ... 1176	1034.7	0	WNW	1	c	34	97	6	-	-	7	0	10	-	1031.7	-12	SSW	3	Zo	42	92	6	5	7	1	7.8	10	3500	1	3	46	34	*	-	3	11.5
	Aberdeen ... 79	1033.6	-4	W	2	b	31	97	8	5	-	1	1	4000	1033.5	-8	W	1	b	35	75	6	5	-	10	10	1500	1	*	43	29	14	-	-	6.1		
	Wick ... 81	1033.6	-4	W	2	b	31	97	8	5	-	1	1	4000	1032.6	-4	W	2	c	35	85	5	5	-	9+	9+	2500	1	1	44	34	27	-	-	10.2		
16	Lerwick ... 156	1033.5	-6	N	1	c	36	92	9	5	3	4.6	7.8	1500	1031.0	-12	W'S	2	c	37	85	8	5	7	7.8	9+	1500	0	*	45	34	*	Tr	-	2.7		
17	Blackod Point ... 18	1035.6	+14	S	2	c	42	85	7	-	7	0	7.8	-	1035.2	+2	S	3	c	43	92	7	-	7	0	10	-	0	3	51	40	*	1	-	*		
18	Malin Head ... 84	1036.7	+10	S	1	b	32	85	8	-	-	0	0	-	1035.0	-4	S	1	Zo	36	85	6	-	5	0	4.6	-	3	2	47	30	*	-	-	4.5		
	Aldergrove ... 268	1037.1	+10	SSE	1	Zo	30	92	5	-	-	0	0	-	1036.7	-4	S	0	Zo	29	92	6	-	1	0	Tr	-	3	*	45	26	20	1	-	1.3		
19	Birr Castle ... 173	1035.9	+16	ESE	1	bc	33	97	8	-	1	0	2.3	-	1036.4	+2	SSW	1	b	29	97	8	-	-	0	0	-	1	*	52	26	25	1	-	2.8		
20	Valentia Obay. ... 30	1035.3	+22	-	0	Zo	38	85	6	1	-	Tr	Tr	4000	1036.3	+4	NE	1	c	39	92	7	5	-	9+	9+	4000	1	2	54	34	26	1	Tr	3.4		
	Roches Point ... 22	1034.5	+6	ES	4	Zo	41	85	6	5	-	7.8	7.8	1500	1036.8	+10	E	3	c	40	85	7	5	-	9	9											

LONDON OBSERVATIONS.													EXPLANATION OF FIGURES, LETTERS, etc.																								
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.													Height above in S.L. in feet.	Weather			Temperature.			Rainfall.		Sun- shine. to Sunset. hrs.	Humidity.		Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.	COLUMNS 2, 16. The barometric tendency is expressed in tenths of a millibar.						COLUMNS 8, 22 —Code for surface visibility. Objects not visible at					
Morning.			Afternoon.			Night.			Day Max.	Night Min.	Min. on Grass °F.	Day. mm.		Night. mm.	15h. G.M.T. %	9h. G.M.T. %																					
24 hrs. ended 9h.						°F.	°F.	°F.	mm.	mm.	Yesterday.			To-day.	24 hrs. ended 7h. G.M.T. ....																						
														SOUTH KENSINGTON.																							
													Max.	Time.	Min.	Time.	COLUMNS 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.						COLUMNS 30 —Code for State of Sea.														
													KEW OBSERVATORY.																								
													Max.	Time.	Min.	Time.	COLUMNS 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																				
													9-2	6-7h	4-1	13-14																					
													10h			7h 10h																					
													0	1	4	13-18	9	47-54																			
													1	1-3	5	19-24	10	55-63																			
													2	4-7	6	25-31	11	64-75																			
													3	8-12	7	32-38	12	75																			
															8	39-46																					

‡ 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.B.C.S., Director.



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Friday 14th April, 1941.  
No. 28,935

SECRET

OBSERVATIONS at 13h. G.M.T. 10th April														OBSERVATIONS at 18h. G.M.T. 10th April														PAST 24 HOURS.							
DIRECTION.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.					
				Dirce. (3)	Force. 0-12 (4)					Form. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Dirce. (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. 10th (37)	13h.—18h. 10th (38)	18h.—10h. 11th (39)	10h.—7h. 11th (40)
1	London (Kew)...	1033.4	-6	NE	2	Zo	43	45	6	5	-	10	10	2500	1031.3	-10	WNW	1	Zo	44	55	6	5	3	6	4-6	3+	2500	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Croydon ...	1032.8	-6	NE	3	o	42	55	6	4	-	10	10	3500	1030.9	-10	NNW	1	Zo	43	55	5	5	-	-	3+	3+	4000	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	S. Farnborough	1033.6	-6	ENE	3	C	43	55	7	3	-	10	10	3500	1031.5	-12	-	0	C	44	55	7	5	3	4	7-8	3	3800	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Boscombe Down	1034.4	-4	NE	3	C	41	65	7	5	-	10	10	2000	1032.2	-10	-	0	bc	43	55	7	5	3	-	2-3	4-6	3000	0	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Thorney Island	1033.2	-2	NE	3	C	44	65	6	5	-	10	10	4000	1031.5	-4	NE	2	C	43	55	6	5	-	-	3+	3+	4000	0	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Lymington	1031.7	-8	NNE	3	C	42	65	9	2	-	7-8	7-8	2500	1031.0	-2	NNE	2	bc	41	65	9	1	-	6	Tr	4-6	2000	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Manston	1032.3	-6	N/E	4	C	43	65	9	8	6	3	4-6	7-8	3000	1031.0	-14	NNE	1	bc	40	75	8	8	6	3	1	2-3	3000	0	*	cm, xy	cm, xy	cm, xy	cm, xy
2	Shoeburyness ...	1032.3	-6	NE	3	C	45	55	8	7	-	4-6	7-8	4000	1031.2	-6	ESE	2	C	42	75	8	5	-	1	9	3+	4000	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Felixstowe	1032.3	-2	ENE	3	pr	41	85	8	8	-	10	10	2000	1030.8	-10	-	0	bc	41	75	7	5	3	3	1	4-6	4000	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Gorleston	1033.1	-4	NNE	3	bc	45	65	7	7	-	4-6	4-6	2000	1030.6	-10	NE	2	bc	43	65	7	5	-	3	0	4-6	-	0	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Mildenhall	1032.7	-14	NE	1	C	46	55	9	7	-	1	1	2500	1030.3	-14	WN	1	C	46	65	8	5	7	-	2-3	3+	5000	0	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Cranwell	1033.4	-18	N/W	3	bc	48	45	8	2	-	5	4-6	4-6	2000	1030.1	-14	NW	3	Zo	46	55	6	5	-	-	10	10	6000	0	*	cm, xy	cm, xy	cm, xy	cm, xy
3	Birmingham	1033.7	-4	N	1	Zo	46	45	6	7	5	-	4-6	7-8	4000	1031.1	-6	WNW	2	Zo	46	45	5	-	3	0	7-8	-	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Upper Heyford	1033.3	-14	NE	2	C	44	55	8	7	-	10	10	3500	1031.2	-18	SW	1	C	45	55	7	-	3	0	3+	-	1	*	cm, xy	cm, xy	cm, xy	cm, xy		
4	Ross-on-Wye ...	1034.1	-10	SE	2	C	45	55	7	7	3	-	7-8	7-8	4000	1031.2	-10	SW	2	Zo	46	55	6	-	3	0	3+	-	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
5	Hartland Point	1034.2	-8	NE	4	bc	43	65	8	4	-	2-3	2-3	2500	1032.3	-4	N	3	bc	41	75	8	-	3	1	0	4-6	-	0	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Bristol ...	1034.6	-2	E	2	C	44	55	7	5	-	10	10	2500	1032.0	-10	-	0	C	45	55	7	-	3	0	3+	-	0	*	cm, xy	cm, xy	cm, xy	cm, xy		
	Portland Bill	1032.6	+4	E	3	C	44	52	8	5	-	10	10	4000	1032.1	-8	NE	3	C	43	52	8	5	-	4	7-8	7-8	4000	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Plymouth	1033.7	-10	ESE	3	bc	47	55	8	1	-	1	1	4000	1032.3	+2	SW	3	C	44	65	8	5	-	4	7-8	7-8	4000	0	*	cm, xy	cm, xy	cm, xy	cm, xy	
	The Lizard	1033.3	0	ENE	4	bc	44	65	8	7	6	-	4-6	4-6	2500	1032.6	-2	WNW	3	C	43	75	8	8	6	-	7-8	7-8	2500	1	*	cm, xy	cm, xy	cm, xy	cm, xy
	Scilly (St. Mary's)	1034.7	-4	NE	3	C	44	65	7	8	-	7-8	7-8	2200	1033.6	-6	N/E	2	C	43	75	7	5	-	-	7-8	7-8	2200	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Guernsey	1034.7	-4	NE	3	C	44	65	7	8	-	7-8	7-8	2200	1033.6	-6	N/E	2	C	43	75	7	5	-	-	7-8	7-8	2200	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
6	Pembroke ...	1035.4	-4	S	2	bc	43	65	7	7	-	4-6	4-6	3500	1032.5	-8	W/N	2	bc	42	75	8	7	7	-	2-3	4-6	3500	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
7	Holyhead ...	1035.0	-12	SSW	3	bc	48	45	8	7	4	3	4-6	4-6	3000	1032.0	-14	SW	3	Zo	44	65	6	-	1	0	10	-	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Chester (Sealand)	1034.3	-18	NW	2	C	47	45	8	1	3	1	2-3	7-8	4000	1031.5	-10	NNW	3	C	44	55	7	-	3	2	0	9	-	1	*	cm, xy	cm, xy	cm, xy	cm, xy
8	Manchester ...	1033.9	-18	NW	4	C	45	55	7	7	3	3	4-6	7-8	3500	1031.5	-14	W	3	C	43	55	8	-	4	8	0	9	-	0	*	cm, xy	cm, xy	cm, xy	cm, xy
10	Spurn Head ...	1032.8	-8	W	2	bc	44	85	6	1	7	-	2-3	4-6	4000	1029.9	-12	S/E	2	Zo	42	92	6	5	7	-	4-6	7-8	2500	0	*	cm, xy	cm, xy	cm, xy	cm, xy
	Catterick ...	1032.8	-14	WNW	2	C	47	55	7	5	7	-	4-6	10	3000	1029.8	-18	W/S	1	C	44	55	7	-	4	6	0	9	-	0	*	cm, xy	cm, xy	cm, xy	cm, xy
	Tynemouth ...	1033.1	-14	W	3	C	47	75	6	5	-	3	9	2500	1029.7	-10	W	3	C	47	75	6	2	3	-	4-6	9	2500	0	*	cm, xy	cm, xy	cm, xy	cm, xy	
11	St. Abbs Head	1031.2	-14	NW	3	C	43	65	6	5	2	-	7-8	10	2000	1027.9	-10	NW	3	C	45	65	6	5	2	-	7-8	10	2000	0	*	cm, xy	cm, xy	cm, xy	cm, xy
	Leuchars ...	1031.0	-22	W	3	Zo	46	65	6	5	-	10	10	2800	1027.2	-22	W	3	Zo	46	65	6	5	-	-	10	10	3200	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
12	Renfrew (Abbots L.)	1032.9	-22	W	3	C	47	55	7	7	3	4	2-3	9	3000	1030.2	-10	W/S	3	Zo	42	85	6	-	2	-	10	10	1800	1	*	cm, xy	cm, xy	cm, xy	cm, xy
	Eskdalemuir ...	1031.8	-18	WNW	3	C	45	55	7	7	-	10	10	2300	1029.0	-10	W/N	3	C	43	55	6	-	7	-	0	10	-	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Point of Ayre ...	1034.3	-20	WNW	3	C	48	55	8	4	-	6	1	9	4000	1030.8	-20	W/S	4	C	45	65	7	-	4	7	0	10	-	0	*	cm, xy	cm, xy	cm, xy	cm, xy
13A	Tiree ...	1031.0	-12	SW	4	o	45	75	6	5	-	10	10	1500	1027.9	-16	SSW	2	C	45	97	6	5	-	-	10	10	1500	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
13B	Stornoway ...	1029.1	-16	SW	4	Zo	46	92	6	5	7	-	4-6	10	3500	1024.5	-32	SSW	8	C	45	97	6	5	2	-	9	10	1000	1	*	cm, xy	cm, xy	cm, xy	cm, xy
15	Dalwhinnie ...	1031.3	-20	SW	3	Zo	42	65	6	5	-	10	10	2500	1028.3	-14	S	2	Zo	37	92	6	3	-	-	10	10	1500	1	*	cm, xy	cm, xy	cm, xy	cm, xy	
	Aberdeen ...	1030.0	-20	WNW	3	Zo	45	65	6	5	3	-	10	10	800	1026.9	-18	WSW	2	Zo	45	65	5	5	-	-	10	10	450	1	*	cm, xy	cm, xy	cm, xy	cm, xy
	Wick ...	1028.7	-6	WSW	2	C	43	85	6	5	7	-	4-6	10	1500	1025.3	-12	SW	2	Zo	42	97	6	5	-	-	10	10	1500	1	*	cm, xy	cm, xy	cm, xy	cm, xy
16	Lerwick...	1027.4	-18	SW	4	C	41	75	8	5	2	-	7-8	10	1500	1022.8	-18	SW	4	C	42	92	6	8	2	-	7-8	10	800	0	*				

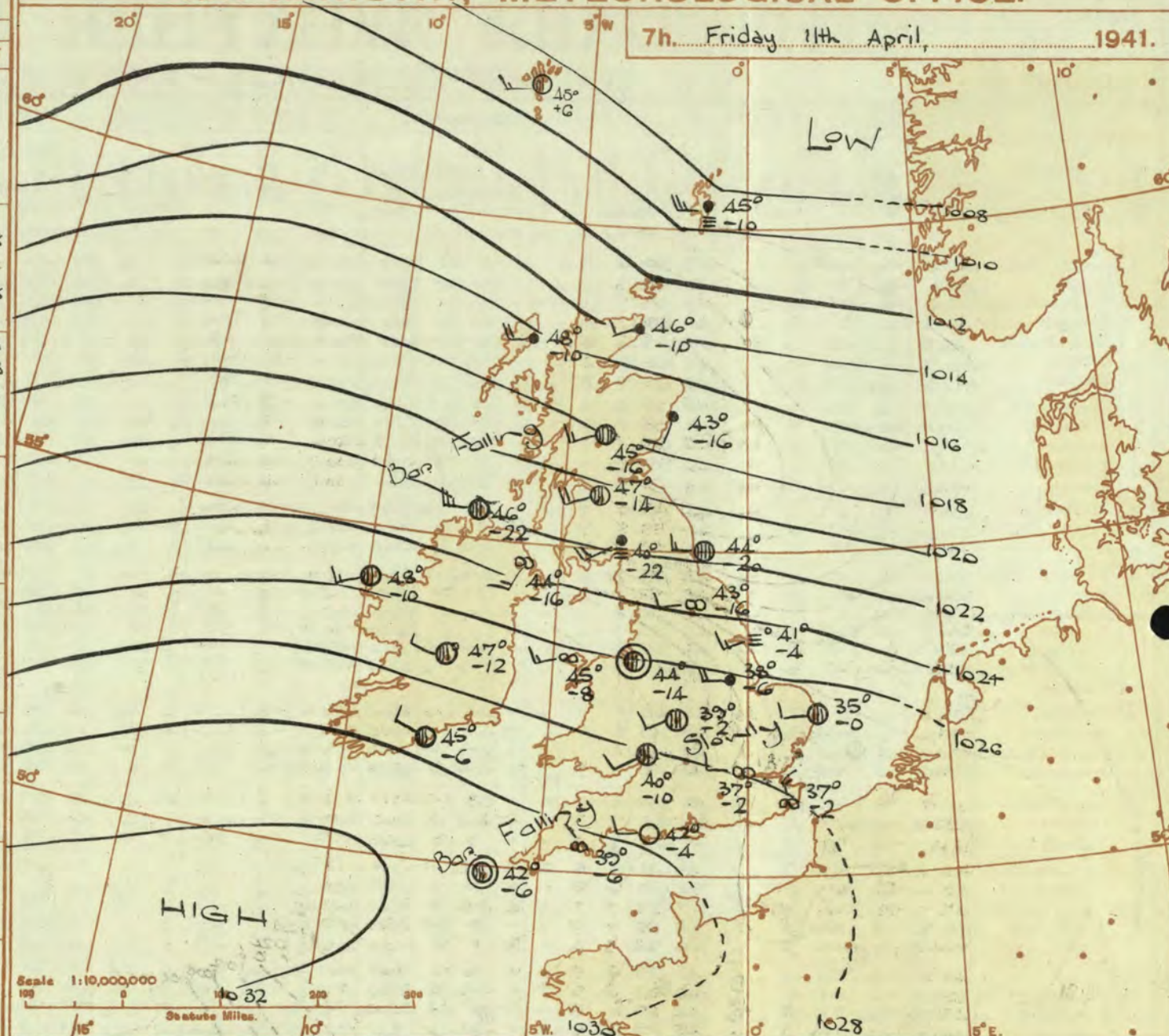


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 10th April.....18h. G.M.T.				01h. G.M.T. 11th April.....07h. G.M.T.					
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub>	wwVhN <sub>h</sub>	DDFWN
109	52	61535	23428	52	62534	22368	5-	62528	18468
115	52	17645	20428						
203				6-	64738	16568	6-	64678	16668
206	57	00665	23328	52	62655	24268	52	02745	22368
210	51	05665	22428	52	62656	22468	5-	02867	19567
220	52	61635	20328	62	22734	20368			
230	57	05663	20428	52	62546	20468	6-	21438	53468
245	63	05690	22328	5-	05658	16228	52	62565	24368
260	5-	05667	24327	5-	05658	22428	5-	05658	22228
270	63	05690	22315	52	62654	18268	57	05665	56268
279	03	02730	23416	51	05664	19428	--	22568	56268
285	8-	03748	28528	8-	02637	30527			
288	83	05664	28326				52	62654	19268
273									
301	23	01852	24314	07	02730	26326	02	62648	25368
321	13	05653	27214	5-	17687	28327	00	05690	26128
299	57	01753	28214	5-	05548	28278	51	05655	24228
292	51	05667	26228	07	05690	26226	07	62500	22268
310	--	05525	26325	--	01635	26315	--	46109	20349
316	13	05664	24114				51	05572	00015
333	7-	05654	20114	07	05690	22324	02	62690	22368
334	--	01643	18218	--	02754	28314			
340	23	02864	20116	03	05730	01314	5-	61668	28168
136	20	02864	30317	57	02866	24218	03	05690	25327
336	54	02763	04415	14	01762	08414			
350	73	02864	02225	53	02784	26127			
368	5-	02767	07227						
376	2-	02757	04327				00	05690	24100
390	4-	02758	05318	53	02763	30227	5-	08467	24327
382	7-	02756	06226	53	02783	00027	00	05690	00026
438	50	02865	04315						
430	5-	05667	03427				00	05690	00027
409	10	05851	02211	54	05651	01303	03	05690	00016

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 11th April.

1 S.E. England	Light or moderate west wind; cloudy, occasional slight local rain; milder.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	
8 N.W. England	Moderate or fresh west wind; cloudy; occasional slight rain; mild.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate or fresh west wind, strong locally later; cloudy, rain at times; mild.
13 { A.W. Scotl'd. B.N.W. Scotl'd.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 1-6
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.

An anticyclone off our S.W. coasts is moving South and depressions in the far north are extending their influence Southwards.

Weather will be mainly cloudy, with occasional slight rain in many districts and heavier rain in North and West Scotland. The milder conditions which have already commenced in the North will spread to all areas.

FURTHER OUTLOOK.

Mild and mainly cloudy. Occasional rain in the North, but little or none in the South.

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

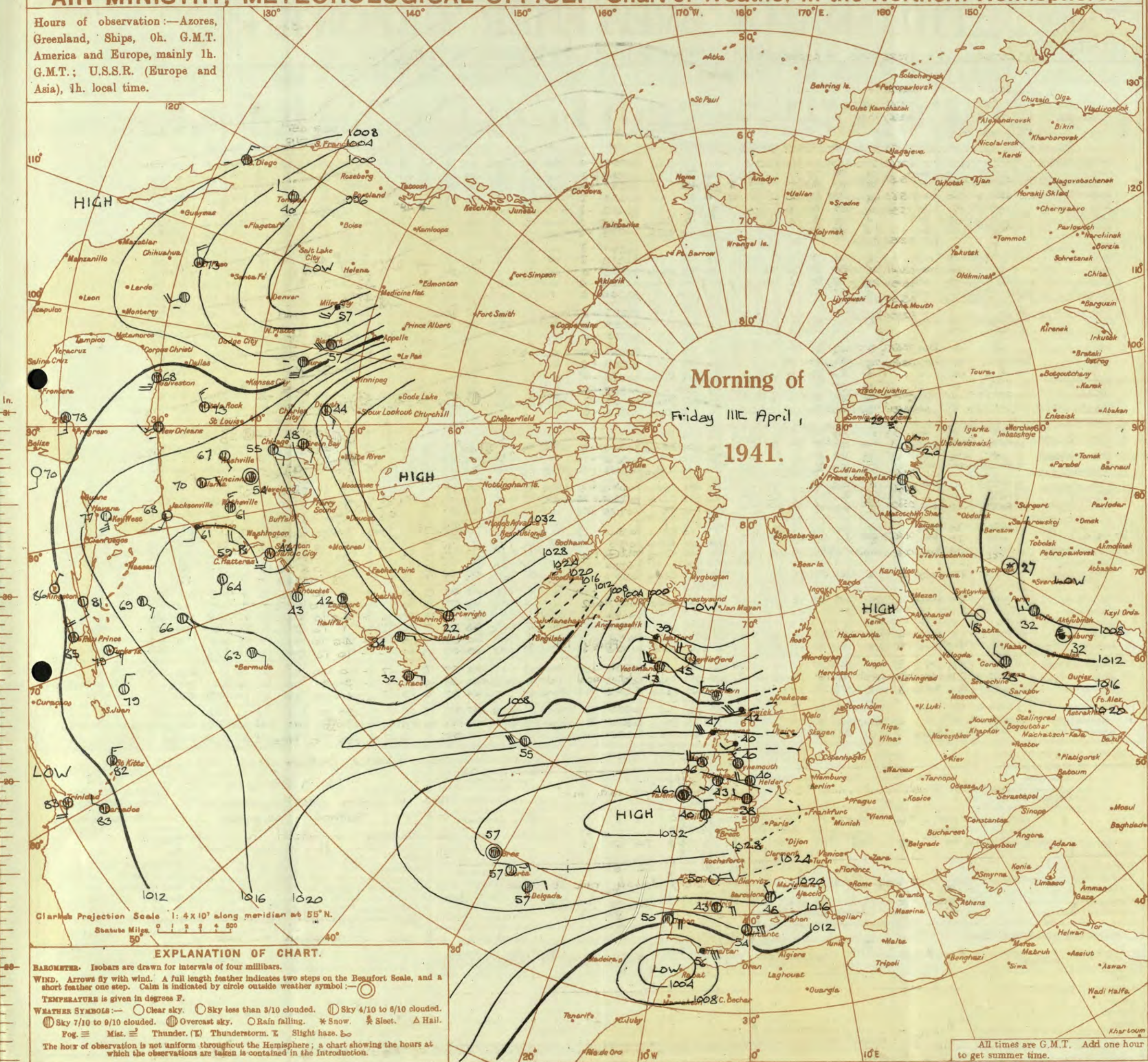
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

Printed by S.O. Press, Cornwall House, E.C.4.



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

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





# THE DAILY WEATHER REPORT

## OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Friday 11th April 1941.  
 No. 28,995

OBSERVATIONS at 1 hr. G.M.T. 11th April														OBSERVATIONS at 7 hr. G.M.T. 11th 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. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.				State of Ground.	Sea.	TEMPERATURE.			RAINFALL.		SUN-SHINE.				
					Direc.	Force.					Form.	Amount.	Height of Base (feet).	Direc.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.							
																																Low.	Med.		High.	Low.	Med.	High.
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1028.4	-4	SW	2	N	38	85	5	5	3	-	4-6	9	25.00	1	*	45	37	31	-	-	3.2			
	Croydon	217	1028.8	-10	WNW	2	bc	38	75	7	-	7	-	1028.3	-2	W	2	N	37	85	5	-	4	5	0	7-8	-	1	*	44	35	33	-	-	2.5			
	S. Farnborough	226	1030.0	-8	W	1	bc	37	65	7	-	-	8	0	0	4	-	-	37	85	6	-	3	7	0	10	-	1	*	43	33	26	-	-	3.3			
	Boscombe Down	417	1031.4	-10	WS	2	N	38	85	6	-	-	6	0	0	9	-	-	36	85	6	-	7	-	0	10	-	0	*	44	33	29	-	-	3.3			
	Thorney Island	10	1030.9	-6	W	2	N	37	85	5	-	-	-	0	0	0	-	-	37	85	6	-	3	-	0	9	-	1	*	46	34	27	-	-	-			
	Lympne	346	1030.2	-6	W	1	N	38	85	6	5	-	-	10	10	2000	-2	WNW	3	N	37	85	6	5	7	1	9	5.00	1	*	44	32	26	-	-	4.8		
	Manston	154	1029.2	-14	SW	2	N	37	85	6	5	-	-	10	10	4000	+2	WNW	2	N	38	85	4	-	3	0	4-6	-	0	*	44	35	26	0.3	-	-		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1028.1	-2	W	3	N	40	75	4	5	7	9	4-6	7-8	25.00	1	*	47	38	33	-	-	6.4			
	Felixstowe	15	1028.5	-18	WS	3	N	41	75	6	-	3	-	1027.3	-2	W	3	N	38	85	4	-	6	0	7-8	-	1	2	*	45	37	31	-	-	1.8			
	Gorleston	5	1027.9	-14	WSW	2	N	39	75	6	5	-	-	9	9	1500	0	WS	2	N	35	75	5	-	1	0	7-8	-	0	2	*	45	35	28	-	-	*	
	Mildenhall	19	1028.4	-14	WS	2	N	39	85	5	5	-	-	10	10	5000	-6	W	2	N	38	85	5	-	1	0	10	-	0	*	50	35	31	Tr	Tr	3.9		
	Cranwell	240	1028.8	-12	WNW	4	N	37	75	5	-	7	0	10	10	-	-6	W	4	N	38	97	4	5	2	-	4-6	10	2000	1	*	50	35	33	-	0.6	6.2	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1027.2	-2	WSW	2	N	39	85	6	5	-	9	9	4.00	1	*	48	37	29	-	0.1	5.0				
	Upper Heyford	408	1030.2	-10	WSW	1	N	37	85	6	-	7	7	0	10	-	-6	WSW	2	N	38	85	6	5	7	-	7-8	10	5.00	1	*	48	34	27	0.1	Tr	2.9	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1027.3	-10	SW	2	N	40	85	6	5	7	-	9	10	25.00	1	*	49	38	32	-	-	2.9			
5	Hartland Point	299	1031.6	-6	NW	2	N	42	85	7	-	8	0	9	-	1029.4	-6	W	3	N	44	92	7	5	2	-	9	10	25.00	0	3	46	40	35	-	-	8.6	
	Bristol	209	1031.1	-10	SW	2	N	39	85	6	-	7	7	0	10	-	-6	W	3	N	40	85	6	5	2	-	4-6	10	45.00	0	*	46	37	29	-	-	1.9	
	Portland Bill	32	1031.7	-6	W	1	N	40	92	8	4	4	-	4-6	7-8	4000	-4	W	2	N	42	92	7	5	-	10	10	25.00	1	3	45	38	-	-	-			
	Plymouth	82	1032.9	0	W	0	N	37	85	6	-	-	1	0	2-3	-	1030.7	-6	WNW	1	N	39	85	5	-	4	7	0	10	-	0	2	50	35	27	-	-	10.1
	The Lizard	240	1032.2	-4	NEW	4	bc	38	85	8	4	-	-	4-6	4-6	3500	-2	WNW	2	N	42	75	8	4	-	4-6	4-6	41.00	0	2	47	37	-	-	-	10.5		
	Scilly (St. Mary's)	163	1033.2	-2	NE	2	bc	40	75	7	5	5	-	1	4-6	25.00	1031.4	-6	-	0	42	85	7	5	7	-	4-6	9	22.00	1	2	46	39	-	-	-	10.4	
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
6	Pembroke	142	1031.7	-8	W	3	N	43	85	7	-	2	-	0	10	-	-8	WSW	3	N	45	92	6	5	2	-	2-3	10	2000	1	2	48	42	41	-	0.5	6.9	
7	Holyhead	26	1028.4	-18	SW	3	N	43	97	5	5	-	10	10	2000	1028.5	-8	WSW	3	N	44	85	6	5	2	-	10	10	2000	1	*	47	35	35	-	-	8.4	
	Chester (Sealand)	16	1029.2	-16	WS	3	N	43	75	5	-	1	-	0	10	-	1026.0	-14	-	0	44	85	4	5	-	10	10	2000	1	*	47	35	25	-	-	5.4		
8	Manchester	70	1029.3	-14	WS	3	N	40	92	5	-	2	-	10	10	2000	1026.4	-10	SW	3	N	41	85	4	5	7	-	9	10	2000	1	*	47	35	25	-	-	5.4
10	Spurn Head	29	1027.4	-10	WNW	4	N	40	85	5	5	-	9	9	15.00	1029.0	-4	WSW	3	N	41	92	4	8	2	-	9	10	25.00	1	3	47	38	34	-	0.5	6.8	
	Catterick	175	1027.1	-16	WNW	3	N	40	92	6	-	2	-	10	10	32.00	1029.6	-16	WS	2	N	43	85	6	5	2	-	2-3	10	21.00	1	*	47	38	34	-	0.5	4.1
	Tynemouth	108	1027.1	-16	WNW	3	N	40	97	6	-	2	-	10	10	25.00	1022.8	-20	W	3	N	44	97	6	-	2	-	10	10	16.00	1	2	48	40	38	-	0.1	-
11	St. Abbs Head	280	1024.5	-26	NW	3	N	40	92	6	5	2	-	7-8	10	15.00	1019.0	-22	W	5	N	47	85	7	5	2	-	7-8	10	2000	1	3	47	40	-	-	0.4	*
	Leuchars	36	1028.0	-28	SW	3	N	41	92	5	5	-	10	10	22.00	1018.3	-18	SW	4	N	44	97	6	5	2	-	9	10	7.00	1	*	45	40	39	-	-	0.2	
12	Renfrew (Abbots I.)	19	1028.1	-36	SW	2	N	43	92	4	5	7	-	9	10	12.00	1021.3	-14	WSW	4	N	47	92	7	5	-	10	10	8.00	1	*	48	40	39	0.3	1	2.0	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.4	-22	SWW	4	N	46	92	3	-	2	-	10	10	15.00	1	*	47	36	36	-	-	2.5	
	Point of Ayre	30	1027.4	-22	WS	4	N	43	92	7	5	1	-	9	10	25.00	1024.1	-12	W	4	N	45	92	7	5	1	-	7-8	10	5.00	1	2	50	42	-	-	1	5.4
13A	Tiree	22	*	*	*	*	*	*	*	*	*	*	*	1018.6	-6	W	4	N	49	97	5	5	-	9	10	3.00	1	4	45	45	-	-	2	1	0.7			
13B	Stornoway	80	1019.7	-24	WSW	6	N	47	97	6	5	2	-	9	10	10.00	1016.7	-10	W	4	N	48	97	6	5	2	-	9	10	10.00	1	2	47	44	-	-	2	0.0
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	1018.4	-16	WSW	3	N	45	85	7	5	1	-	4-6	10	15.00	1	*	42	36	35	0.3	1	0.0			
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	1016.4	-16	SW	2	N	48	97	5	6	2	-	1	10	25.00	1	2	46	40	38	-	-	3	0.0		
	Wick	81	1017.7	-42	SW	4	N	41	92	6	5	7	-	4-6	10	15.00	1013.6	-10	WSW	2	N	46	97	7	5	2	-	4-6	10	15.00	1	2	45	39	-	-	0.4	4
16	Lerwick	156	1013.7	-46	SW	6	N	42	97	6	6	2	-	4-6	10	45.00	1009.3	-10	W	5	N	45	97	3	-	-	10	10	15.00	1	*	43	41	-	-	Tr	7	0.0
17	Blackod Point	18	1028.5	-18	W	2	N	47	97	7	-	1	-	0	10	-	1025.9	-10	WSW	3	N	48	97	7	-	7	-	0	10	-	0	3	50	47	-	-	-	-
18	Malin Head	84	1025.3	-22	W	5	N	46	97	7	5	-	9	9	15.00	1021.8	-22	W	5	N	46	97	6	5	-	9	9	8.00	0									



DUPLICATE

CANCELLED

Page 1.

12 AUG 1985  
MINISTRY  
LIB

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Saturday 12th April, 1941.  
No. 28,996.

OBSERVATIONS at 13h. G.M.T. 11th April

OBSERVATIONS at 18h. G.M.T. 11th April

PAST 24 HOURS.

Demarc.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1) mb.	Change in 8 hours. (2)	Wind.		Weather. (6)	Temp. °F. (7)	Humid. % (8)	Visibility. 0-9 (9)	Cloud.				Barom. at M.S.L. (15) mb.	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				Barom. at M.S.L. (29) mb.	Change in 8 hours. (30)	Wind.		Weather. (33)	Temp. °F. (34)	Humid. % (35)	Visibility. 0-9 (36)	Cloud.				Barom. at M.S.L. (41) mb.	Change in 8 hours. (42)	Wind.		Weather. (45)	Temp. °F. (46)	Humid. % (47)	Visibility. 0-9 (48)	Cloud.				Barom. at M.S.L. (53) mb.	Change in 8 hours. (54)	Wind.		Weather. (57)	Temp. °F. (58)	Humid. % (59)	Visibility. 0-9 (60)	Cloud.				Barom. at M.S.L. (65) mb.	Change in 8 hours. (66)	Wind.		Weather. (69)	Temp. °F. (70)	Humid. % (71)	Visibility. 0-9 (72)	Cloud.				Barom. at M.S.L. (77) mb.	Change in 8 hours. (78)	Wind.		Weather. (81)	Temp. °F. (82)	Humid. % (83)	Visibility. 0-9 (84)	Cloud.				Barom. at M.S.L. (89) mb.	Change in 8 hours. (90)	Wind.		Weather. (93)	Temp. °F. (94)	Humid. % (95)	Visibility. 0-9 (96)	Cloud.				Barom. at M.S.L. (97) mb.	Change in 8 hours. (98)	Wind.		Weather. (101)	Temp. °F. (102)	Humid. % (103)	Visibility. 0-9 (104)	Cloud.				Barom. at M.S.L. (105) mb.	Change in 8 hours. (106)	Wind.		Weather. (109)	Temp. °F. (110)	Humid. % (111)	Visibility. 0-9 (112)	Cloud.				Barom. at M.S.L. (117) mb.	Change in 8 hours. (118)	Wind.		Weather. (121)	Temp. °F. (122)	Humid. % (123)	Visibility. 0-9 (124)	Cloud.				Barom. at M.S.L. (125) mb.	Change in 8 hours. (126)	Wind.		Weather. (129)	Temp. °F. (130)	Humid. % (131)	Visibility. 0-9 (132)	Cloud.				Barom. at M.S.L. (133) mb.	Change in 8 hours. (134)	Wind.		Weather. (137)	Temp. °F. (138)	Humid. % (139)	Visibility. 0-9 (140)	Cloud.				Barom. at M.S.L. (141) mb.	Change in 8 hours. (142)	Wind.		Weather. (145)	Temp. °F. (146)	Humid. % (147)	Visibility. 0-9 (148)	Cloud.				Barom. at M.S.L. (149) mb.	Change in 8 hours. (150)	Wind.		Weather. (153)	Temp. °F. (154)	Humid. % (155)	Visibility. 0-9 (156)	Cloud.				Barom. at M.S.L. (157) mb.	Change in 8 hours. (158)	Wind.		Weather. (161)	Temp. °F. (162)	Humid. % (163)	Visibility. 0-9 (164)	Cloud.				Barom. at M.S.L. (165) mb.	Change in 8 hours. (166)	Wind.		Weather. (169)	Temp. °F. (170)	Humid. % (171)	Visibility. 0-9 (172)	Cloud.				Barom. at M.S.L. (173) mb.	Change in 8 hours. (174)	Wind.		Weather. (177)	Temp. °F. (178)	Humid. % (179)	Visibility. 0-9 (180)	Cloud.				Barom. at M.S.L. (181) mb.	Change in 8 hours. (182)	Wind.		Weather. (185)	Temp. °F. (186)	Humid. % (187)	Visibility. 0-9 (188)	Cloud.				Barom. at M.S.L. (189) mb.	Change in 8 hours. (190)	Wind.		Weather. (193)	Temp. °F. (194)	Humid. % (195)	Visibility. 0-9 (196)	Cloud.				Barom. at M.S.L. (197) mb.	Change in 8 hours. (198)	Wind.		Weather. (201)	Temp. °F. (202)	Humid. % (203)	Visibility. 0-9 (204)	Cloud.				Barom. at M.S.L. (205) mb.	Change in 8 hours. (206)	Wind.		Weather. (209)	Temp. °F. (210)	Humid. % (211)	Visibility. 0-9 (212)	Cloud.				Barom. at M.S.L. (213) mb.	Change in 8 hours. (214)	Wind.		Weather. (217)	Temp. °F. (218)	Humid. % (219)	Visibility. 0-9 (220)	Cloud.				Barom. at M.S.L. (221) mb.	Change in 8 hours. (222)	Wind.		Weather. (225)	Temp. °F. (226)	Humid. % (227)	Visibility. 0-9 (228)	Cloud.				Barom. at M.S.L. (229) mb.	Change in 8 hours. (230)	Wind.		Weather. (233)	Temp. °F. (234)	Humid. % (235)	Visibility. 0-9 (236)	Cloud.				Barom. at M.S.L. (237) mb.	Change in 8 hours. (238)	Wind.		Weather. (241)	Temp. °F. (242)	Humid. % (243)	Visibility. 0-9 (244)	Cloud.				Barom. at M.S.L. (245) mb.	Change in 8 hours. (246)	Wind.		Weather. (249)	Temp. °F. (250)	Humid. % (251)	Visibility. 0-9 (252)	Cloud.				Barom. at M.S.L. (253) mb.	Change in 8 hours. (254)	Wind.		Weather. (257)	Temp. °F. (258)	Humid. % (259)	Visibility. 0-9 (260)	Cloud.				Barom. at M.S.L. (261) mb.	Change in 8 hours. (262)	Wind.		Weather. (265)	Temp. °F. (266)	Humid. % (267)	Visibility. 0-9 (268)	Cloud.				Barom. at M.S.L. (269) mb.	Change in 8 hours. (270)	Wind.		Weather. (273)	Temp. °F. (274)	Humid. % (275)	Visibility. 0-9 (276)	Cloud.				Barom. at M.S.L. (277) mb.	Change in 8 hours. (278)	Wind.		Weather. (281)	Temp. °F. (282)	Humid. % (283)	Visibility. 0-9 (284)	Cloud.				Barom. at M.S.L. (285) mb.	Change in 8 hours. (286)	Wind.		Weather. (289)	Temp. °F. (290)	Humid. % (291)	Visibility. 0-9 (292)	Cloud.				Barom. at M.S.L. (293) mb.	Change in 8 hours. (294)	Wind.		Weather. (297)	Temp. °F. (298)	Humid. % (299)	Visibility. 0-9 (300)	Cloud.				Barom. at M.S.L. (301) mb.	Change in 8 hours. (302)	Wind.		Weather. (305)	Temp. °F. (306)	Humid. % (307)	Visibility. 0-9 (308)	Cloud.				Barom. at M.S.L. (309) mb.	Change in 8 hours. (310)	Wind.		Weather. (313)	Temp. °F. (314)	Humid. % (315)	Visibility. 0-9 (316)	Cloud.				Barom. at M.S.L. (317) mb.	Change in 8 hours. (318)	Wind.		Weather. (321)	Temp. °F. (322)	Humid. % (323)	Visibility. 0-9 (324)	Cloud.				Barom. at M.S.L. (325) mb.	Change in 8 hours. (326)	Wind.		Weather. (329)	Temp. °F. (330)	Humid. % (331)	Visibility. 0-9 (332)	Cloud.				Barom. at M.S.L. (333) mb.	Change in 8 hours. (334)	Wind.		Weather. (337)	Temp. °F. (338)	Humid. % (339)	Visibility. 0-9 (340)	Cloud.				Barom. at M.S.L. (341) mb.	Change in 8 hours. (342)	Wind.		Weather. (345)	Temp. °F. (346)	Humid. % (347)	Visibility. 0-9 (348)	Cloud.				Barom. at M.S.L. (349) mb.	Change in 8 hours. (350)	Wind.		Weather. (353)	Temp. °F. (354)	Humid. % (355)	Visibility. 0-9 (356)	Cloud.				Barom. at M.S.L. (357) mb.	Change in 8 hours. (358)	Wind.		Weather. (361)	Temp. °F. (362)	Humid. % (363)	Visibility. 0-9 (364)	Cloud.				Barom. at M.S.L. (365) mb.	Change in 8 hours. (366)	Wind.		Weather. (369)	Temp. °F. (370)	Humid. % (371)	Visibility. 0-9 (372)	Cloud.				Barom. at M.S.L. (373) mb.	Change in 8 hours. (374)	Wind.		Weather. (377)	Temp. °F. (378)	Humid. % (379)	Visibility. 0-9 (380)	Cloud.				Barom. at M.S.L. (381) mb.	Change in 8 hours. (382)	Wind.		Weather. (385)	Temp. °F. (386)	Humid. % (387)	Visibility. 0-9 (388)	Cloud.				Barom. at M.S.L. (389) mb.	Change in 8 hours. (390)	Wind.		Weather. (393)	Temp. °F. (394)	Humid. % (395)	Visibility. 0-9 (396)	Cloud.				Barom. at M.S.L. (397) mb.	Change in 8 hours. (398)	Wind.		Weather. (401)	Temp. °F. (402)	Humid. % (403)	Visibility. 0-9 (404)	Cloud.				Barom. at M.S.L. (405) mb.	Change in 8 hours. (406)	Wind.		Weather. (409)	Temp. °F. (410)	Humid. % (411)	Visibility. 0-9 (412)	Cloud.				Barom. at M.S.L. (413) mb.	Change in 8 hours. (414)	Wind.		Weather. (417)	Temp. °F. (418)	Humid. % (419)	Visibility. 0-9 (420)	Cloud.				Barom. at M.S.L. (421) mb.	Change in 8 hours. (422)	Wind.		Weather. (425)	Temp. °F. (426)	Humid. % (427)	Visibility. 0-9 (428)	Cloud.				Barom. at M.S.L. (429) mb.	Change in 8 hours. (430)	Wind.		Weather. (433)	Temp. °F. (434)	Humid. % (435)	Visibility. 0-9 (436)	Cloud.				Barom. at M.S.L. (437) mb.	Change in 8 hours. (438)	Wind.		Weather. (441)	Temp. °F. (442)	Humid. % (443)	Visibility. 0-9 (444)	Cloud.				Barom. at M.S.L. (445) mb.	Change in 8 hours. (446)	Wind.		Weather. (449)	Temp. °F. (450)	Humid. % (451)	Visibility. 0-9 (452)	Cloud.				Barom. at M.S.L. (453) mb.	Change in 8 hours. (454)	Wind.		Weather. (457)	Temp. °F. (458)	Humid. % (459)	Visibility. 0-9 (460)	Cloud.				Barom. at M.S.L. (461) mb.	Change in 8 hours. (462)	Wind.		Weather. (465)	Temp. °F. (466)	Humid. % (467)	Visibility. 0-9 (468)	Cloud.				Barom. at M.S.L. (469) mb.	Change in 8 hours. (470)	Wind.		Weather. (473)	Temp. °F. (474)	Humid. % (475)	Visibility. 0-9 (476)	Cloud.				Barom. at M.S.L. (477) mb.	Change in 8 hours. (478)	Wind.		Weather. (481)	Temp. °F. (482)	Humid. % (483)	Visibility. 0-9 (484)	Cloud.				Barom. at M.S.L. (485) mb.	Change in 8 hours. (486)	Wind.		Weather. (489)	Temp. °F. (490)	Humid. % (491)	Visibility. 0-9 (492)	Cloud.				Barom. at M.S.L. (493) mb.	Change in 8 hours. (494)	Wind.		Weather. (497)	Temp. °F. (498)	Humid. % (499)	Visibility. 0-9 (500)	Cloud.				Barom. at M.S.L. (501) mb.	Change in 8 hours. (502)	Wind.		Weather. (505)	Temp. °F. (506)	Humid. % (507)	Visibility. 0-9 (508)	Cloud.				Barom. at M.S.L. (509) mb.	Change in 8 hours. (510)	Wind.		Weather. (513)	Temp. °F. (514)	Humid. % (515)	Visibility. 0-9 (516)	Cloud.				Barom. at M.S.L. (517) mb.	Change in 8 hours. (518)	Wind.		Weather. (521)	Temp. °F. (522)	Humid. % (523)	Visibility. 0-9 (524)	Cloud.				Barom. at M.S.L. (525) mb.	Change in 8 hours. (526)	Wind.		Weather. (529)	Temp. °F. (530)	Humid. % (531)	Visibility. 0-9 (532)	Cloud.				Barom. at M.S.L. (533) mb.	Change in 8 hours. (534)	Wind.		Weather. (537)	Temp. °F. (538)	Humid. % (539)	Visibility. 0-9 (540)	Cloud.				Barom. at M.S.L. (541) mb.	Change in 8 hours. (542)	Wind.		Weather. (545)	Temp. °F. (546)	Humid. % (547)	Visibility. 0-9 (548)	Cloud.				Barom. at M.S.L. (549) mb.	Change in 8 hours. (550)	Wind.		Weather. (553)	Temp. °F. (554)	Humid. % (555)	Visibility. 0-9 (556)	Cloud.				Barom. at M.S.L. (557) mb.	Change in 8 hours. (558)	Wind.		Weather. (561)	Temp. °F. (562)	Humid. % (563)	Visibility. 0-9 (564)	Cloud.				Barom. at M.S.L. (565) mb.	Change in 8 hours. (566)	Wind.		Weather. (569)	Temp. °F. (570)	Humid. % (571)	Visibility. 0-9 (572)	Cloud.				Barom. at M.S.L. (573) mb.	Change in 8 hours. (574)	Wind.		Weather. (577)	Temp. °F. (578)	Humid. % (579)	Visibility. 0-9 (580)	Cloud.				Barom. at M.S.L. (581) mb.	Change in 8 hours. (582)	Wind.		Weather. (585)	Temp. °F. (586)	Humid. % (587)	Visibility. 0-9 (588)	Cloud.				Barom. at M.S.L. (589) mb.	Change in 8 hours. (590)	Wind.		Weather. (593)	Temp. °F. (594)	Humid. % (595)	Visibility. 0-9 (596)	Cloud.				Barom. at M.S.L. (597) mb.	Change in 8 hours. (598)	Wind.		Weather. (601)	Temp. °F. (602)	Humid. % (603)	Visibility. 0-9 (604)	Cloud.				Barom. at M.S.L. (605) mb.	Change in 8 hours. (606)	Wind.		Weather. (609)	Temp. °F. (610)	Humid. % (611)	Visibility. 0-9 (612)	Cloud.				Barom. at M.S.L. (613) mb.	Change in 8 hours. (614)	Wind.		Weather. (617)	Temp. °F. (618)	Humid. % (619)	Visibility. 0-9 (620)	Cloud.				Barom. at M.S.L. (621) mb.	Change in 8 hours. (622)	Wind.		Weather. (625)	Temp. °F. (626)	Humid. % (627)	Visibility. 0-9 (628)	Cloud.				Barom. at M.S.L. (629) mb.	Change in 8 hours. (630)	Wind.		Weather. (633)	Temp. °F. (634)	Humid. % (635)	Visibility. 0-9 (636)	Cloud.				Barom. at M.S.L. (637) mb.	Change in 8 hours. (638)	Wind.		Weather. (641)	Temp. °F. (642)	Humid. % (643)	Visibility. 0-9 (644)	Cloud.				Barom. at M.S.L. (645) mb.	Change in 8 hours. (646)	Wind.		Weather. (649)	Temp. °F. (650)	Humid. % (651)	Visibility. 0-9 (652)	Cloud.				Barom. at M.S.L. (653) mb.	Change in 8 hours. (654)	Wind.		Weather. (657)	Temp. °F. (658)	Humid. % (659)	Visibility. 0-9 (660)	Cloud.				Barom. at M.S.L. (661) mb.	Change in 8 hours. (662)	Wind.		Weather. (665)	Temp. °F. (666)	Humid. % (667)	Visibility. 0-9 (668)	Cloud.				Barom. at M.S.L. (669) mb.	Change in 8 hours. (670)	Wind.		Weather. (673)	Temp. °F. (674)	Humid. % (675)	Visibility. 0-9 (676)	Cloud.				Barom. at M.S.L. (677) mb.	Change in 8 hours. (678)	Wind.		Weather. (681)	Temp. °F. (682)	Humid. % (683)	Visibility. 0-9 (684)	Cloud.				Barom. at M.S.L. (685) mb.	Change in 8 hours. (686)	Wind.		Weather. (689)	Temp. °F. (690)	Humid. % (691)	Visibility. 0-9 (692)	Cloud.				Barom. at M.S.L. (693) mb.	Change in 8 hours. (694)	Wind.		Weather. (697)	Temp. °F. (698)	Humid. % (699)	Visibility. 0-9 (700)	Cloud.				Barom. at M.S.L. (701) mb.	Change in 8 hours. (702)	Wind.		Weather. (705)	Temp. °F. (706)	Humid. % (707)
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7h. Saturday 12th April 1941.

[illegible]

### DISTRICTS.

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

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 SW of the British Isles is decreasing in intensity and depressions are moving eastwards to North of Scotland. Weather will be mainly cloudy and mild with slight rain locally and heavier rain in North and West Scotland. There will be coast fog in the West and Northwest. Strong SW winds are expected later in the extreme north perhaps reaching gale force locally.

### FURTHER OUTLOOK.

Bright intervals in the North extending slowly southwards. Colder in the North with showers.

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

Forecasts issued at 10.30hr. G.M.T.  
H.M.S.O. Print, 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.

Morning of  
Saturday 12th April,  
1941.

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

Statute Miles 0 100 200

## EXPLANATION OF CHART.

BAROMETER. Isobars are drawn for intervals of four millibars.

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

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS:— ☉ Clear sky. ☁ Sky less than 3/10 clouded. ☁☁ Sky 4/10 to 6/10 clouded. ☁☁☁ Sky 7/10 to 9/10 clouded. ☁☁☁☁ Overcast sky. ☔ Rain falling. \* Snow. \* Sleet. Δ Hail.

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

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Saturday 12th April 1941.  
No. 28996

OBSERVATIONS at 1 hr. G.M.T. 12th April														OBSERVATIONS at 7 hr. G.M.T. 12th April														PAST 24 HOURS.									
Distric.	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. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visib. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.					Sun-shine (36)	
					Direc.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Direc.	Force.			Form.	Amount.					Height of Base. (feet) (23)	Min. on Grass °F. (33)	Day 7h-12h mm. (34)	Night 12h-7h mm. (35)										
																												Low. (9)			Med. (10)	High (11)	Low (12)	Total (13)	Low (23)		Med. (24)
1	London (Kew) ... 18	217	1021.8	-14	W	3	*	46	85	6	*	*	4-6	10	4000	1020.5	0	SW	2	Zo	47	85	6	5	-	9	9	2500	1	*	53	45	45	-	-	0.9	
	Croydon ... 226	1022.0	-12	WS	1	Zo	45	85	6	5	7	-	10	10	2800	1021.0	+2	W	2	C	47	85	6	5	-	10	10	2000	0	*	53	45	43	-	-	1.2	
	S. Farnborough ... 417	1023.3	-13	SW	1	C	43	97	7	5	-	-	9	9	3500	1022.2	+2	WN	3	C	47	92	7	5	-	9	9	2500	0	*	51	41	39	-	-	0.2	
	Boscombe Down ... 10	1022.9	-10	W	2	Zo	45	92	6	-	7	-	0	10	-	1021.4	0	W	1	Zo	47	92	5	-	7	-	0	10	-	1	*	47	44	40	-	-	0.5
	Thorney Island ... 346	1022.2	-10	W	2	W	45	85	5	6	2	-	9	10	1000	1020.9	+2	WNW	2	C/d	46	97	6	5	2	-	9	10	1200	1	\$	52	43	42	Tr	0.5	4.6
	Lympe ... 154	1020.6	-14	WS	2	Zo	45	92	5	5	-	-	10	10	3500	1019.5	+2	WN	2	Zo	47	92	6	5	-	10	10	1000	0	*	50	45	43	Tr	Tr	*	
2	Shoeburyness ... 11	1020.3	-14	WSW	3	C/r	47	85	5	5	2	-	9	10	2000	1019.7	0	WN	2	0	48	85	5	5	-	10	10	1500	1	*	52	45	45	-	-	1.2	
	Felixstowe ... 15	1019.4	-10	W	2	W	46	92	6	6	-	-	10	10	800	1018.9	-2	W	2	id.	48	97	4	6	-	10	10	600	1	1	48	45	44	1	1	0.8	
	Gorleston ... 5	1019.3	-12	W	4	Zo	48	85	6	5	-	-	10	10	1500	1018.3	+2	WS	3	id.	49	97	5	5	-	10	10	800	1	*	51	47	44	0.2	0.2	0.0	
	Mildenhall ... 19	1019.3	-12	W	4	Zo	48	85	6	5	-	-	10	10	1500	1018.3	+2	WS	3	id.	49	97	5	5	-	10	10	800	1	*	51	47	44	0.2	0.2	0.0	
	Cranwell ... 240	1019.9	-4	W	5	Zo	45	97	5	5	-	-	10	10	2500	1018.8	0	WNW	4	Zo	48	97	5	5	-	10	10	1500	1	*	51	45	45	0.2	0.3	0.0	
3	Birmingham ... 535	1021.7	-10	WS	3	C	47	85	7	5	7	-	7-8	10	1800	1020.0	-2	W	2	id.	49	85	5	5	-	10	10	450	1	*	50	46	45	*	Tr	0.0	
	Upper Heyford ... 408	1021.7	-10	WS	3	C	47	85	7	5	7	-	7-8	10	1800	1020.0	-2	W	2	C	49	92	8	5	7	-	9	10	1800	1	*	52	45	44	-	Tr	*
	Ross-on-Wye ... 223	1021.7	-10	WS	3	C	47	85	7	5	7	-	7-8	10	1800	1020.0	-2	W	2	C	49	92	8	5	2	-	9	10	2000	1	*	50	48	43	-	Tr	1.6
4	Hartland Point ... 299	1023.8	-10	WSW	3	C	46	97	7	5	2	-	4-6	9	1500	1023.2	+4	WSW	3	C	46	97	6	5	2	-	7-8	10	1000	0	3	49	41	40	-	-	0.0
	Bristol ... 209	1022.7	-14	W	2	Zo	46	92	6	5	3	-	4-6	9	4500	1022.1	0	W	3	C/r	46	97	5	5	2	-	9	10	1000	1	*	52	45	41	-	-	0.0
	Portland Bill ... 32	1023.4	-10	WSW	3	C	46	92	8	5	-	-	10	10	2500	1021.5	-4	W	3	C	46	92	8	5	-	10	10	2500	1	3	47	42	41	-	-	0.0	
	Plymouth ... 82	1024.9	-10	WNW	3	Zo	47	92	6	5	-	-	10	10	1500	1023.6	0	WNW	2	Zo	47	92	6	5	-	10	10	1100	0	3	53	46	43	-	-	1.4	
	The Lizard ... 240	1025.7	-10	WNW	4	C	47	97	7	8	2	-	7-8	10	1500	1024.4	-4	WNW	4	C	47	92	8	5	2	-	9	10	1500	0	2	51	45	43	-	-	2.7
	Scilly (St. Mary's) ... 163	1026.3	-4	WNW	3	C	47	97	7	5	3	6	2-3	7-8	1500	1024.9	-4	WNW	4	C	47	85	8	5	4	3	4-6	9	1800	1	4	53	46	43	-	-	3.4
	Guernsey ... 175	1026.3	-4	WNW	3	C	47	97	7	5	3	6	2-3	7-8	1500	1024.9	-4	WNW	4	C	47	85	8	5	4	3	4-6	9	1800	1	4	53	46	43	-	-	3.4
6	Pembroke ... 142	1023.7	-4	WNW	3	ded.	48	97	7	5	-	-	10	10	2500	1022.7	+4	WNW	3	C	46	97	7	5	2	-	7-8	9	3000	1	3	49	45	46	Tr	Tr	0.2
7	Holyhead ... 26	1021.2	-4	WS	5	ded.	49	97	5	6	2	-	4-6	10	500	1020.2	+2	W	5	C	48	97	6	5	-	9	9	4000	1	4	49	46	46	2	2	0.0	
	Chester (Sealand) ... 16	1020.5	-10	WN	4	C	51	92	6	5	-	-	10	10	700	1019.5	+2	WNW	4	C/d	50	92	7	6	-	10	10	700	1	*	55	50	48	0.1	0.1	0.0	
	Manchester ... 70	1020.3	-8	W	4	id.	48	97	5	-	2	-	10	10	700	1019.3	+2	W	2	id.	47	97	5	-	2	-	10	10	300	1	*	52	46	43	0.1	0.3	0.0
10	Spurn Head ... 29	1018.1	-2	WN	4	Zo	46	92	5	5	-	-	10	10	2500	1017.4	+2	W	4	Zo	46	97	5	3	3	-	7-8	9	1500	0	3	49	45	40	Tr	-	0.0
	Catterick ... 175	1017.5	-2	W	1	C	50	85	7	5	1	-	9	10	1500	1016.3	-6	WN	1	C	53	75	9	5	9	-	2-3	7-8	2300	1	*	51	47	40	0.1	0.1	0.0
	Tynemouth ... 108	1017.7	-4	WN	3	C	49	92	6	8	-	-	9	9	2500	1016.0	-4	W	3	bc	47	97	7	2	4	2	2-3	4-6	3200	1	2	52	48	45	1	Tr	*
11	St. Abbs Head ... 280	1015.2	-6	W	4	C	51	85	8	5	1	-	4-6	7-8	1500	1012.9	-12	W	4	C	51	85	8	4	7	2-3	7-8	2500	0	3	53	48	42	Tr	Tr	*	
	Leuchars ... 36	1015.3	-4	WSW	4	C	47	92	8	5	1	7	Tr	10	3200	1012.5	-10	WSW	3	C	49	92	7	5	3	-	4-6	9	3200	1	*	57	45	42	Tr	Tr	0.3
12	Renfrew (Abbots I.) ... 19	1017.8	-2	WSW	2	C	47	92	8	5	7	-	7-8	9	1200	1015.3	-6	WSW	5	id.	48	97	6	5	-	10	10	700	1	*	53	48	48	0.1	0.1	0.0	
	Eekdalemuir ... 794	1017.8	-2	WSW	2	C	47	92	8	5	7	-	7-8	9	1200	1015.3	-6	WSW	5	id.	48	97	6	5	-	10	10	700	1	*	53	48	48	0.1	0.1	0.0	
	Point of Ayre ... 30	1019.7	-2	WN	4	C/d	47	92	7	5	-	-	9	9	2500	1016.1	-4	WN	4	ded.	47	92	6	5	2	-	9	9	450	1	*	49	45	44	2	0.2	0.0
	Point of Ayre ... 30	1019.7	-2	WN	4	C/d	47	92	7	5	-	-	9	9	2500	1016.1	-4	WN	4	C	48	92	6	5	-	9	9	4000	1	3	52	45	45	1	0.3	0.0	
13A	Tiree ... 22	1017.0	-10	WS	4	id.	48	97	7	5	2	-	9	10	1000	1014.4	0	WS	3	C	48	97	2	-	-	10	10	450	1	3	50	47	43	Tr	0.6	0.0	
13B	Stornoway ... 80	1012.0	-10	WS	4	id.	48	97	7	5	2	-	9	10	1000	1010.8	0	W	5	ded.	49	97	5	5	-	10	10	800	1	3	54	46	43	0.4	4	0.1	
15	Dalwhinnie ... 1176	1012.0	-10	WS	4	C	48	97	7	5	2	-	9	10	1000	1012.4	-6	WSW	3	C	48	85	8	5	3	-	4-6	10	1500	0	*	51	44	42	-	-	0.2
	Aberdeen ... 79	1012.1	-18	SW	3	C	46	92	7	5	7	-	7-8	10	1500	1010.2	-6	SW	3	C	48	85	8	5	7	-	7-8	9	1500	1	2	56	45	38	3	0.6	0.0
	Wick ... 81	1012.1	-18	SW	3	C	46	92	7	5	7	-	7-8	10	1500	1010.2	-6	SW	3	C	48	85	8	5	7	-	7-8	9	1500	1							





DUPLICATE

CANCELLED

## THE DAILY WEATHER REPORT

BRITISH SECTION

Sunday 13th April 1941.

No. 28,997

OF THE METEOROLOGICAL OFFICE, LONDON.

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. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. miles (8)	Cloud.				Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. miles (22)	Cloud.				State of Ground. (29)	Sea. (30)	WEATHER.																																																																																																																																																																																																									
				Direc. (3)	Force. (4)					Form. (9)	Amount. (10-11)	Height of Base. (12-14)	Direc. (17)			Force (18)	Form. (23)					Amount (24-25)	Height of Base (26-28)	7h.—13h. (37)	13h.—18h. (38)			18h.—24h. (39)	1h.—7h. (40)																																																																																																																																																																																																								
																														Low. (10)	Med. (11)	High (12)	Low 0-10 (23)	Med. (24)	High (25)	Low 0-10 (26)	Total 0-10 (27)																																																																																																																																																																																																
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Thorney Island Lympne ... Manston ...	1020.6 1020.2 1020.7 1021.4 1021.3 1020.5 1020.1	0 -0 -2 -2 -2 +0 +2	W W W W W W W	2 3 3 3 3 2 3	bc bc bc bc bc bc bc	55 58 55 60 57 55 55	75 85 85 75 75 75 85	7 6 7 7 7 6 5	5 5 7 7 7 5 5	2 - - - - - -	9+ 4-6 9+ 4-6 9+ 10 10	10 3+ 2100 2000 2500 2500 1500	1010.7 1010.6 1010.5 1020.5 1020.5 1020.4 1019.4	-2 -6 -4 -6 -6 -2 -10	NW W W W W W W	2 2 2 1 1 0 2	bc bc bc bc bc bc bc	58 58 60 55 52 53 55	65 75 85 75 85 85 75	8 5 8 5 6 5 5	5 + - - + - - -	9 7.8 4-6 7.8 7.8 7.8 7.8	9+ 3+ 7.8 3+ 3+ 3+ 10	2500 4000 2500 3000 1500 2500 4500	1 0 0 0 0 1 3	2 2 2 2 2 2 2	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c	c c c c c c c

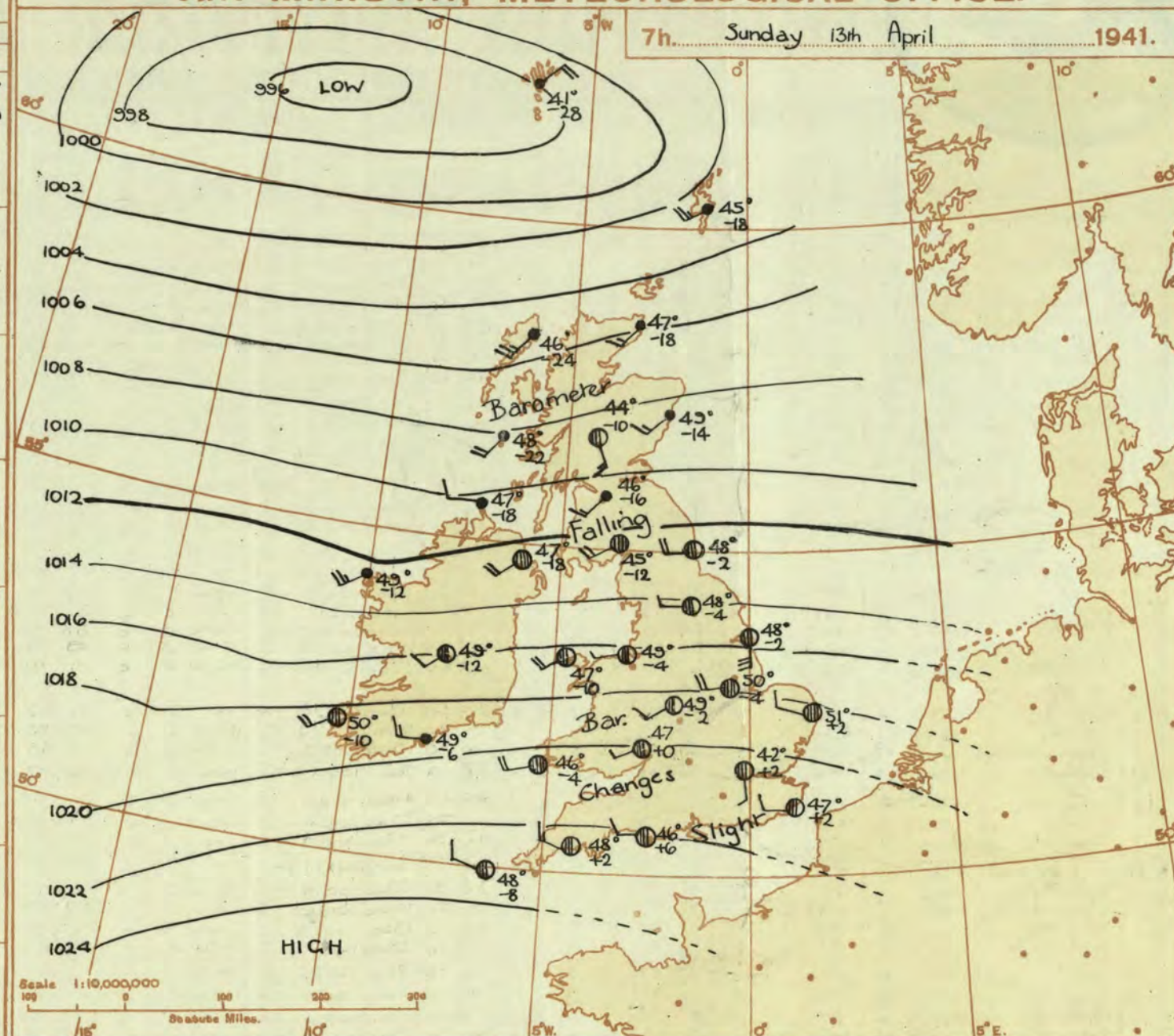


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 12th April...18h. G.M.T.						01h. G.M.T. 13th April...07h. G.M.T.						
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN
109	8-	02855	26526	5-	02857	24527	6-	62638	23568	67	61835	20467
115	52	02734	24467				--	67103	20469	--	67103	20469
203							52	22864	20268			
206	87	02955	24386	57	02864	24326	57	02855	24268	57	02955	22267
210	51	02955	22568	57	02955	23468	57	02865	20468	57	22965	20467
220	5-	57208	24258	5-	57308	24258				62	66526	23268
230	52	21746	20458	6-	22748	20368	52	21604	56458			
245	79	02953	29327	59	02953	24227	57	64954	24168	57	02943	20367
260	57	02754	22327	53	02743	24428	57	02745	22428	57	02846	22327
277	57	02744	24457	52	51626	24358	5-	02857	19357	5-	02838	20428
279	5-	02747	22427	61	02753	20428				57	02746	20468
285	6-	53538	24558									
288	79	02854	23427	89	02856	23327	55	02852	21326	57	02842	19427
273	--	46209	25259									
301	51	05628	24428	5-	05638	24358	5-	51638	24258	5-	02858	22358
321	57	05645	25327	40	05654	24326	51	05546	24128	57	02754	24216
299	57	01754	24214							5-	02754	22216
292	57	02854	-----							53	02854	20227
310	--	57109	24349							57	02744	22328
316	57	21644	26257	57	02664	24326	5-	02646	24317	5-	51645	23258
333	52	02834	26427	52	02646	16258	5-	51548	24128	5-	02857	18327
334	--	02645	24317	--	52558	24258						
340	5-	02847	26327	52	02845	26426				54	02944	22326
13673	05665	24456		57	05663	25527	57	05547	22368	57	61665	20368
336	52	51642	24458	14	02763	24416						
350	5-	05647	26227	57	05654	24367	5-	05677	20347	07	05690	18327
368	57	02853	22325									
379	2-	02856	26326	8-	02856	26316	5-	05668	24228	--	46109	24349
390	5-	05648	26328	57	05656	26328	57	05673	24127	57	05673	24127
382	73	02855	26226	73	02864	24327	5-	05667	23227	52	45318	22348
438	52	02654	26328							74	02734	24417
430	83	02754	24327				00	05690	26324	5-	05557	20228
409	53	21625	23348	53	02815	26327	5-	03628	24328	52	03635	20428

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 13th April

1 S.E. England	Moderate southwest wind. Fair at first. Occasional light rain or drizzle later.
2 E. England ...	Local coast fog in the West. Very mild.
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Moderate southwest wind, fresh locally. Mainly cloudy. Occasional rain. Mild.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Moderate or fresh southwest wind, strong on coasts veering west to northwest and decreasing. Rain at first. Bright intervals and showers later.
14 Mid Scotland	Becoming colder.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Moderate southwest wind fresh on coasts veering west. Occasional rain.
18 N. E. Ireland	Bright intervals later. Mild.
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A depression to Northwest of Scotland is moving east or east-southeast. There will be rain at first in the North followed by bright intervals and showers. In the South and Midlands weather will be fair at first although there will be considerable cloudy periods but occasional light rain or drizzle is expected later. It will be mild generally at first, but temperature will fall somewhat later in the North.

FURTHER OUTLOOK.

Rather unsettled and mainly mild.

Forecasts issued at 10.30 G.M.T.

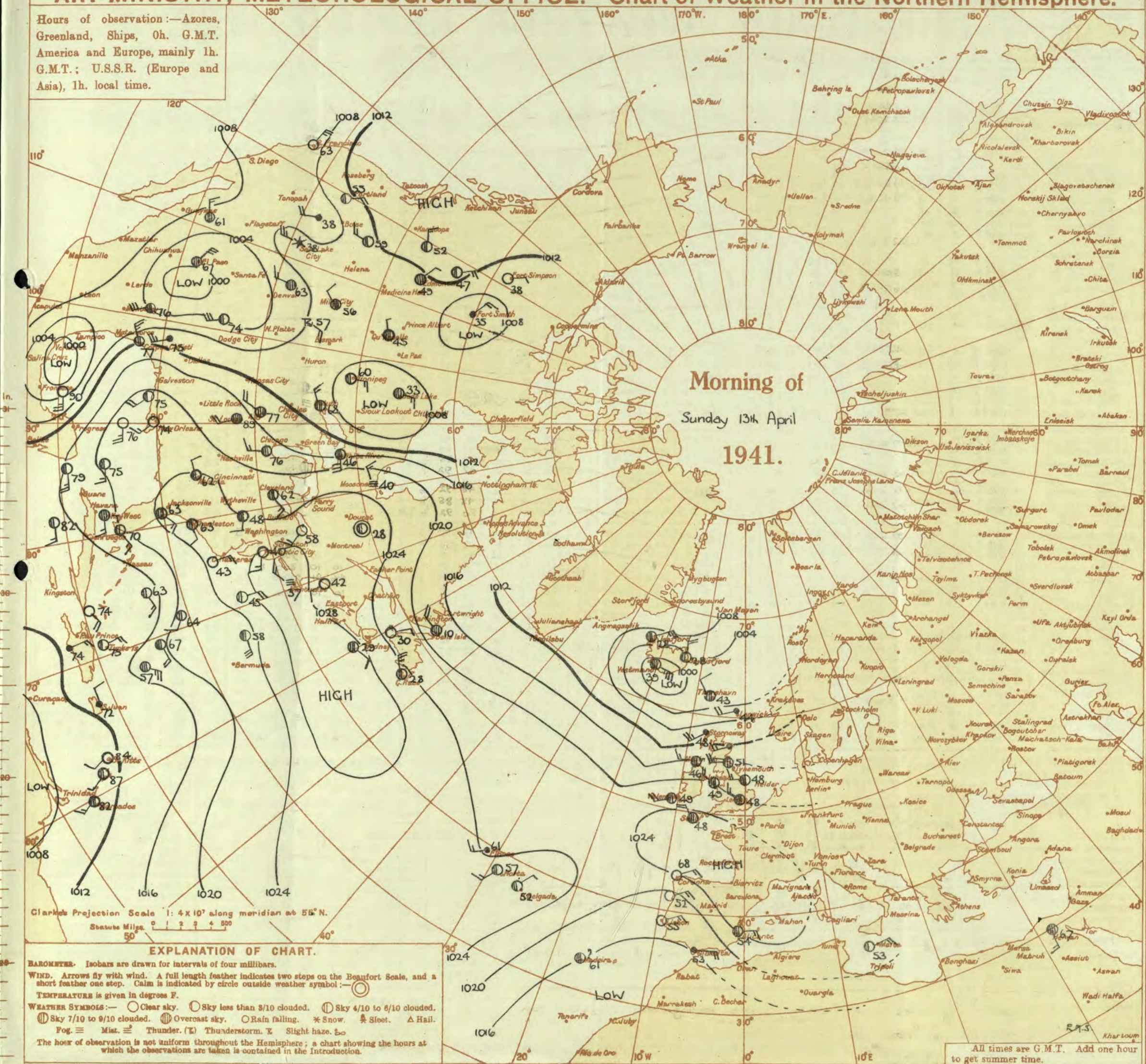
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Sunday 13th April 1941.

No. 28927

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. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 12h Hrs. (36)			
					Dir.	Force. 0-12 (4)					Low.	Med.	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Dir.					Force 0-12 (18)	Low.	Med.	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	Max. Day 7h-13h °F. (31)	Min. Night 13h-7h °F. (32)	Min. on Grass °F. (33)		Day 7h-13h mm. (34)	Night 13h-7h mm. (35)	
1	London (Kew)	18	1021.0	+6	WNW	2	c	48	85	6	*	*	*	0	94	1020.5	+4	SWW	3	c	45	92	7	5	-	-	10	10	1500	1	*	59	45	41	Tr	-	0.2		
	Croydon	217	1021.0	+6	WNW	2	c	48	85	6	*	*	*	0	94	1020.6	+4	SW	3	c	47	85	7	5	-	3	3	0	94	0	*	59	45	42	Tr	-	0.5		
	S. Farnborough	226	1021.2	-2	WSW	1	c	46	85	7	-	3	0	94	1020.9	+4	SWW	3	nyf	43	97	4	5	-	-	10	10	200	0	*	62	42	39	Tr	-	1.5			
	Boscombe Down	417	1022.1	-6	W	2	bc	42	97	7	5	2	1	4-6	2000	1021.9	+4	WSW	2	o/p	45	97	5	5	-	-	10	10	100	0	*	62	40	37	Tr	-	3.4		
	Thorney Island	10	1021.8	0	W	2	bc	46	92	7	5	4	1	0	4-6	1021.3	+2	WN	1	z	44	97	6	5	7	-	F	10	800	0	*	60	41	34	Tr	-	*		
	Lympe	346	1020.7	-2	WNW	2	z	49	92	5	5	-	-	10	6000	1020.8	+2	W	2	c	47	92	8	5	-	-	9	9	6000	1	*	58	45	39	Tr	-	0.5		
	Manston	154	1019.7	0	W	1	m	51	85	4	5	-	-	10	10	2000	1019.4	+2	WSW	2	z	49	85	6	5	7	-	4-6	94	5000	0	*	56	46	43	Tr	-	*	
2	Shoeburyness	11	1019.3	+2	W	3	z	49	85	6	5	-	-	94	94	6000	1019.9	+4	WSW	2	c	49	85	6	8	-	-	94	94	4000	1	*	60	47	43	Tr	-	0.6	
	Felixstowe	15	1018.3	0	WN	2	c	51	85	6	5	3	-	4-6	94	1019.0	0	W'S	3	z	40	85	6	5	-	-	94	94	5000	1	3	59	48	46	0.2	-	0.5		
	Gorleston	5	1018.3	0	WN	2	c	51	85	6	5	-	-	10	10	1000	1018.0	+2	WN	2	c	51	85	6	5	-	-	10	10	1000	0	2	60	48	44	0.1	-	*	
	Mildenhall	19	1019.1	-2	SWW	3	ir	51	85	6	5	-	-	10	10	1800	1018.4	+2	W	2	c/r	49	85	6	5	7	-	7-8	94	3500	0	*	61	49	47	Tr	-	0.1	
	Cranwell	240	1018.8	-4	WN	5	z	50	92	6	5	-	-	9	9	2000	1018.2	-4	W	4	z	50	92	6	5	-	-	10	10	2000	1	*	58	48	47	-	-	2.4	
3	Birmingham	535	1020.5	-2	SW	2	c	46	92	7	5	-	-	94	94	5000	1019.2	-2	SW	2	c	49	85	8	5	7	-	2-3	9	800	1	*	58	47	44	Tr	-	1.1	
	Upper Heyford	408	1020.5	-2	SW	2	c	46	92	7	5	-	-	94	94	5000	1020.0	+2	SW	3	ft	45	97	3	5	-	-	10	10	450	1	*	61	44	39	Tr	-	*	
4	Ross-on-Wye	223	1020.5	-2	SW	2	c	46	92	7	5	-	-	94	94	5000	1019.8	0	W'S	3	c	47	92	6	5	-	-	7	2-3	94	2500	1	*	61	43	36	Tr	-	1.9
5	Hartland Point	299	1022.3	-6	SW	3	c	47	97	8	5	2	-	7-8	10	1500	1021.3	0	WNW	3	c	46	97	8	5	6	-	4-6	94	1500	0	4	50	46	45	-	-	1.6	
	Bristol	209	1022.1	-4	W	3	z	45	97	6	5	3	-	7-8	9	300	1021.1	+2	W'S	4	z	47	97	6	5	-	-	10	10	400	0	*	58	44	41	-	-	2.8	
	Portland Bill	32	1021.8	-2	W	2	b	46	92	8	-	-	-	0	0	-	1021.9	+6	W	2	c	46	92	8	5	-	-	7-8	7-8	2500	1	3	52	43	*	-	-	*	
	Plymouth	82	1023.5	-6	WNW	1	c	47	92	7	5	-	-	10	10	1200	1022.9	+2	WN	3	c	48	85	7	5	-	-	94	94	4000	0	2	56	46	42	-	-	0.6	
	The Lizard	240	1024.2	-4	WNW	4	c	47	97	7	8	2	-	9	10	1500	1023.3	0	W	4	c	47	92	8	8	2	-	9	94	1500	0	3	54	46	46	Tr	Tr	4.6	
	Scilly (St. Mary's)	163	1024.6	-6	NW	4	c	48	92	8	5	2	-	7-8	10	1500	1023.6	-8	WN	2	c	48	92	8	5	2	-	9	94	1800	1	4	54	44	*	-	-	7.5	
	Guernsey	175	1024.6	-6	NW	4	c	48	92	8	5	2	-	7-8	10	1500	1023.6	-8	WN	2	c	48	92	8	5	2	-	9	94	1800	1	4	54	44	*	-	-	7.5	
6	Pembroke	142	1021.8	0	WN	2	c	47	97	7	8	-	-	10	10	2500	1020.7	-4	W'S	4	c	46	85	7	5	-	-	10	10	1500	1	3	50	46	*	-	-	5.8	
7	Holyhead	26	1019.6	-6	WN	4	o/pr	49	85	7	8	-	-	94	94	1600	1017.9	-10	SW	4	c/pr	47	85	8	5	-	-	94	94	3200	1	2	54	44	41	-	-	0.6	
	Chester (Sealand)	16	1019.4	-4	W'S	1	c	51	92	7	5	-	-	94	94	1400	1018.2	-4	W'S	1	c	49	85	8	5	3	-	9	94	2000	1	*	56	48	43	Tr	0.4	1.2	
8	Manchester	70	1019.1	-6	WN	3	z	49	97	6	-	2	-	10	10	1000	1017.9	-6	W'S	3	c	47	92	7	5	-	-	94	94	2000	1	*	52	46	43	Tr	1	0.0	
10	Spurn Head	29	1016.9	-2	W	4	z	48	92	6	4	7	-	4-6	9	4000	1016.6	-2	W	4	z	48	92	6	8	7	-	4-6	9	3300	0	4	55	47	*	-	-	3.5	
	Catterick	175	1016.5	-4	WSW	1	c	50	85	7	5	3	-	7-8	94	2000	1015.4	-4	W	1	c	48	85	8	5	-	-	94	94	1100	1	*	61	47	40	Tr	-	4.1	
	Tynemouth	108	1015.6	0	W	5	c	51	92	7	5	-	-	7-8	7-8	2500	1015.0	-6	WSW	3	c	50	92	6	8	-	-	9	9	2500	0	2	58	49	46	-	-	*	
11	St. Abbs Head	280	1013.4	0	W	4	c	49	85	8	4	7	-	4-6	9	1500	1011.4	-10	W	5	cq	48	75	8	5	7	-	7-8	10	2000	0	3	57	50	*	-	-	*	
	Leuchars	36	1012.7	-4	SW	4	o/pr	50	85	8	5	2	-	1	9	4200	1009.7	-16	SW	6	c	48	85	8	5	7	-	4-6	10	2600	1	*	61	47	45	Tr	-	0.0	
12	Renfrew (Abbots I.)	19	1015.6	-6	WSW	3	c	49	85	8	5	7	-	4-6	9	400	1012.2	-16	SW	3	id	46	92	6	5	-	-	10	10	900	1	*	53	46	43	Tr	-	0.0	
	Eskdalemuir	794	1018.2	-4	W	3	c	49	92	8	5	1	-	9	10	1500	1013.2	-12	SWW	4	c	45	92	6	5	-	-	10	10	800	1	*	52	44	44	Tr	-	0.0	
	Point of Ayre	30	1018.2	-4	W	3	c	49	92	8	5	1	-	9	10	1500	1015.6	-8	W'S	5	c	46	92	8	5	7	-	4-6	94	2500	1	3	56	45	*	Tr	0.1	0.0	
13A	Tiree	22	1012.7	-12	SWW	3	c	48	92	8	5	-	-	94	94	1500	1007.5	-22	SSW	4	rr	48	97	7	-	2	-	10	10	1200	1	4	50	47	*	0.2	3	0.3	
13B	Stornoway	80	1009.9	-12	SW	5	PR	48	97	7	5	2	-	2-3	10	1000	1005.1	-24	SSW	5	dd	46	97	6	5	2	-	7-8	10	1200	1	4	52	46	*	0.5	2	0.0	
15	Dalwhinnie	1176	1009.9	-12	SW	5	PR	48	97	7	5	2	-	2-3	10	1000	1008.8	-10	SSE	3	o	44	85	7	5	3	-	7-8	10	1500	0	*	51	42	38	Tr	-	0.1	
	Aberdeen	79	1008.7	-14	SW	3	o/r	46	97	7	5	2	-	7-8	10	1500	1008.4	-14	SWW	3	ir	49	75	8	5	2	-	Tr	94	1500	1	2	58	47	43	Tr	1	0.8	
	Wick	81	1008.7	-14	SW	3	o/r	46	97	7	5	2	-	7-8	10	1500	1008.3	-18	SSW	3	pr	47	85	8	6	7	8	2-3	94	1500	1	2	51	43	*	Tr	2	*	
16	Lerwick	156	1005.9	-16	SWW	4	o/r	44	97	6	6	2	-																										



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

**SECRET**  
BRITISH SECTION  
Monday, 14th April.....1941.  
No. 23,998.

[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.  
ka, 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 de-  
creasing (often lenticular).
- 5 Ac in bands (increasing).
- 6 Ac formed from the spreading out of Cn.
- 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:    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.

- 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.

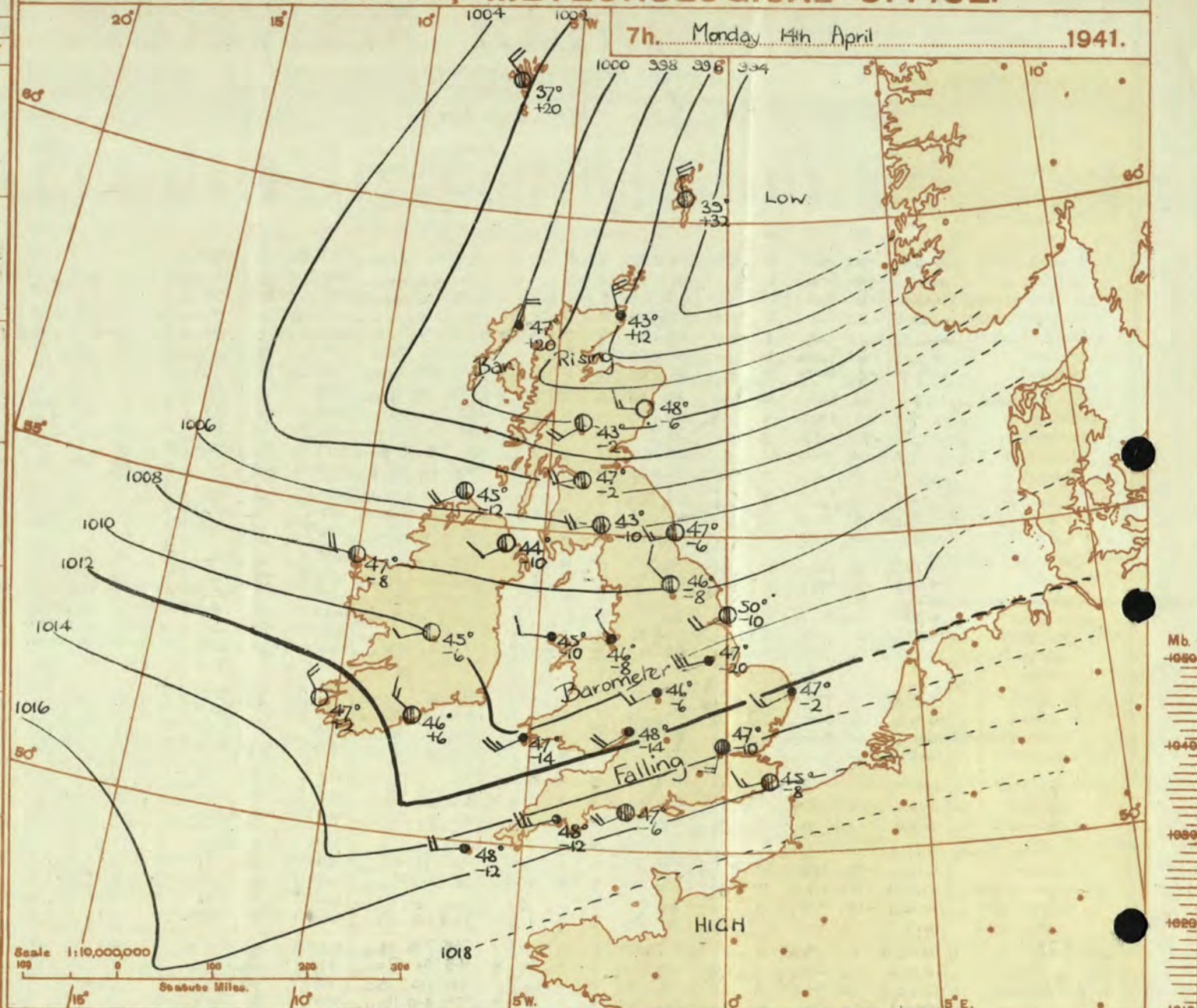


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T.	15h. G.M.T.	18h. G.M.T.	01h. G.M.T.	04h. G.M.T.	07h. G.M.T.
III. C <sub>M</sub> wwVhN <sub>h</sub> DDFWN	C <sub>M</sub> wwVhN <sub>h</sub> DDFWN	C <sub>M</sub> wwVhN <sub>h</sub> DDFWN	C <sub>M</sub> wwVhN <sub>h</sub> DDFWN	C <sub>M</sub> wwVhN <sub>h</sub> DDFWN	C <sub>M</sub> wwVhN <sub>h</sub> DDFWN
109 5- 0285+ 2266+ 52 02756 22577 5- 02748 22768 62 02747 21568					
115 57 02844 20566 52 81734 53687 52 14835 53688 52 81735 04388					
203					
206 53 02855 57463 86 81845 57486 8- 02855 55485 86 81954 55384					
210 5- 02955 22565 8- 02855 22526 5- 01954 22514					
220 53 25845 24286 52 25745 22588					
230 7- 22866 55566 8- 25647 54687 8- 81648 20688 86 81846 20587					
245 26 01953 53564 8- 02955 55527 5- 02966 53586 84 01963 22323					
260 5- 25748 20488 70 01864 55514 50 01873 22313 53 00862 20513					
277 52 22746 18467 84 01954 22524 57 02865 22328 87 81856 21527					
279 5- 51038 20568 80 81745 20525 8- 02763 24516 53 02774 24427					
285					
288 57 22355 21468 5- 02857 54427 54 02855 18315					
273					
301 52 61736 22428 5- 05647 23467 51 05657 22427 52 62636 22268					
321 57 02754 22428 57 05764 21325 57 05645 21468 6- 62638 20368					
290 57 02754 22416 5- 25558 22288 5- 81654 22284					
292 57 02846 21428 52 61646 20468 53 05645 22265 57 61844 21328					
310					
316 5- 02758 22328 57 02754 22425 5- 05655 20328 52 62635 20468					
333 57 61763 20527 57 02654 51566 52 05556 51868 52 64626 22468					
334					
340 57 02965 22427 57 02854 22525 53 51854 57526 62 62835 20468					
136					
336					
350 5- 02757 18427 57 02765 22325 57 61654 20467 52 02734 18468					
368 77 02843 22527					
370 57 02746 20428 5- 01764 20415 5- 51648 20428 6- 05648 20528					
390 73 05564 25326 07 05630 23317 57 05647 22328					
382 7- 02858 22528 57 02864 22526 5- 05648 20328 52 02756 20428					
436 5- 46028 24448 5- 02756 22428 07 05630 22324 5- 05628 20428					
430 53 02752 21427 5- 02758 20528 52 51637 19658 52 62636 19668					
409 5- 02857 24427 5- 02758 20528 52 51637 19658 52 62636 19668					

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Monday 14th April 1941

1 S.E. England	Moderate southwest wind, fresh locally, veering west to northwest later; a rather prolonged period of rain, followed by bright periods and local showers; rather cool.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	
7 North Wales ...	Moderate west to northwest winds, fresh locally; bright intervals and scattered showers; rather cool.
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Fresh northwest to north winds; cloudy with occasional showers, some bright intervals; rather cold.
13 { A.W. Scotl'd. B.N.W. Scot- land.	
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	As 7-10.
19 S. E. Ireland	
20 S. W. Ireland	

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

GENERAL INFERENCE.

A depression centred off Northeast Scotland is moving slowly east, and associated troughs lying across northern Scotland, and across the Midlands and Wales, are moving southwards. Weather will be generally unsettled with a rather prolonged period of rain in the southern half of the British Isles, and with showery conditions in the north. Temperatures will be generally rather below average.

FURTHER OUTLOOK.

Northwesterly winds and showery weather.

Forecasts issued at 10.30h.

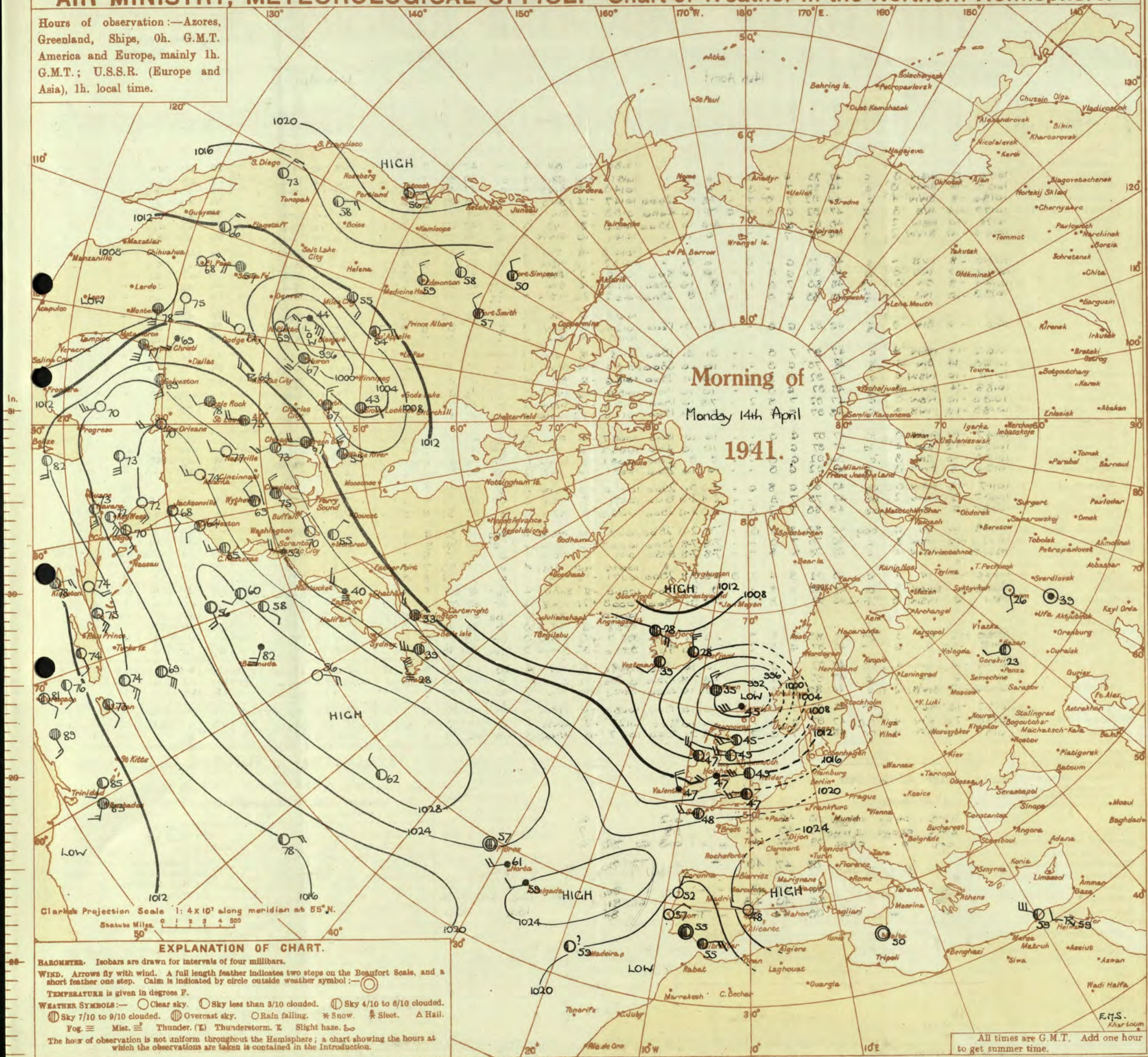
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Monday 14th April 1941.  
No. 23,998.

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.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Sea. 0-9	TEMPERATURE.			RAINFALL.		SUN-SHINE (24 Hrs.)	
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.	Force.			Form.	Amount.					Height of Base (feet).	State of Ground.	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.		Day 7h-18h mm.	Night 18h-7h mm.					
																																Low.	Med.	High.		Low.
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Thorney Island ... Lympne ... Manston ...	18 217 226 417 10 346 154	1017.0 1016.8 1018.0 1017.7 1017.8 1016.6	-2 -14 -8 -10 -10 -10	WSW SWW SWW WS WSW SWW	3 3 4 3 2	c c c c c c	47 46 44 47 45 46	75 85 82 82 82 82	6 7 7 6 5 7	- - - - - -	0 0 0 0 4-6 0	10 10 10 10 10 10	1013.6 1013.1 1014.3 1014.7 1015.3 1016.0 1014.1	-10 -10 -3 -14 -8 -6 -10	SW SSW SSW SW SW WS SWW	4 3 3 4 4 3 3	c c c c c c c	47 47 47 46 48 45 46	85 85 85 82 82 87 82	7 7 7 7 7 6 6	5 5 5 5 5 5 5	2 2 2 7 7 1 7	- - - - - - -	7-8 10 10 10 10 10 4-6	10 10 10 10 10 10 10	1500 2000 3500 3000 800 800 5000	1 0 0 0 0 0 0	55 58 57 53 57 54 58	46 45 45 43 45 43 44	43 44 40 41 42 40 43	- - - - - - -	- - - - - - -	- - - - - - -	0.2 1.8 0.3 0.1 * 1.5 x	
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	11 15 5 19 240	1015.6 1013.3 1014.4 1013.3	-8 -12 -8 -10	WS WS SW WS	4 3 3 5	c c c c	48 49 48 49	75 85 85 85	6 6 7 6	- 0 1 0	0 10 9 9	9 10 10 9	1014.3 1013.2 1011.6 1011.4 1010.2	-8 -10 -2 -10 -2	SW WSW SW SW WSW	2 3 4 4 6	c c c c c	47 47 47 47 47	85 85 85 82 87	6 6 6 6 6	5 5 5 5 5	1 2 2 - -	- - - - -	7-8 9 10 10 10	10 10 10 10 10	4000 4500 600 1800 1000	1 1 1 1 1	60 60 59 58 56	46 46 47 46 47	43 44 42 43 46	- - - - -	- - - - -	- - - - 0.3	1.4 0.0 0.0 0.2 2.0	
3	Birmingham ... Upper Heyford ... Ross-on-Wye ...	535 408 223	1016.1	-10	SW	3	c	46	82	6	-	9	9	1010.3 1012.5 1011.5	-6 -14 -14	SW SSW SW	3 3 4	c c c	46 46 48	82 85 85	6 6 7	- 7 5	- - -	- - -	10 7-8 10	10 800 10	800 800 1500	1 1 1	55 55 54	45 45 47	44 42 46	- - -	3 Tr Tr	0.0 0.0 0.3		
5	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St. Mary's) ... Guernsey ...	299 209 32 82 240 163 175	1016.2 1016.0 1017.6 1018.8 1019.0 1018.5	-14 -14 -10 -14 -10 -16	WSW SW WSW SWW WSW WS	4 4 4 5 5 4	c c c c c c	47 48 47 48 47 48	87 75 82 82 82 87	7 6 7 6 7 7	- - - - 2 -	9 10 10 10 7-8 9	9 10 10 10 10 9	1011.8 1013.4 1018.6 1015.6 1015.5 1014.8	-18 -14 -6 -12 -16 -12	WSW SSW SW WSW WSW WSW	2 4 5 5 5 4	c c c c c c	47 47 47 48 48 48	87 85 85 82 82 87	6 7 6 6 8 6	6 5 5 5 5 5	2 - - 2 - -	- - - - - -	7-8 10 10 10 10 10	10 10 10 10 10 10	800 3000 2500 400 1000 1200	1 0 1 0 1 1	48 54 47 47 51 52	46 47 44 48 46 47	45 44 44 45 45 45	- - - - - -	0.0 Tr Tr - 0.5 0.1	0.0 0.2 - - 0.0 0.1		
6	Pembroke ...	142	1014.7	-10	SWW	5	c	47	87	6	-	10	10	1009.7	-14	SW	5	c	47	87	6	5	-	-	10	10	1000	1	50	46	-	3	0.2			
7	Holyhead ...	26	1012.0	-12	SW	4	c	47	87	6	-	10	10	1008.8	-10	W	2	c	45	87	6	5	2	-	4-6	10	1500	1	50	44	44	0.1	7	0.0		
8	Chester (Sealand) ... Manchester ...	16 70	1012.3 1012.0	-10 -8	SW WSW	3 3	c c	50 48	82 82	6 6	- -	9 10	9 10	1009.1 1009.1	-8 -14	WSW WS	1 2	c c	46 46	87 87	6 6	2 2	- -	- -	9 4-6	10 10	1000 500	1 1	58 54	46 45	45 43	Tr Tr	2 4	2.3 0.3		
10	Spurn Head ... Catterick ... Tynemouth ...	29 175 108	1011.7 1009.7 1008.7	-12 -2 -6	WSW WSW W	5 2 4	c c c	49 47 49	85 75 85	6 7 7	- - 3	4-6 2-3 2-3	9 2-3 4-6	2500 1800 2500	1009.0 1007.1 1006.9	-10 -8 -6	WSW WNW WSW	4 2 3	c c c	50 46 47	85 75 85	7 8 6	8 5 5	- - -	- - -	10 7-8 7-8	10 9 7-8	4000 2500 3600	0 1 1	52 51 55	47 44 46	- 35 41	Tr Tr Tr	1 Tr 0.2	1.4 0.0 0.2	
11	St. Abbs Head ...	280	1003.8	-14	W	6	c	46	85	8	4	5	-	1007.1	-16	WSW	6	c	45	85	8	4	4	9	2-3	4-6	2500	0	55	45	-	-	-	-		
12	Leuchars ... Renfrew (Abbots I.) ... Eskdalemuir ... Point of Ayre ...	36 19 794 30	1002.6 1006.5 * 1009.8	-10 -6 * -6	W WSW * W	8 4 * 4	c c * c	46 47 * 45	85 75 * 82	7 8 * 8	- - * 4	7-8 7-8 * 4-6	7 8 * 7	2500 2500 * 2500	1007.1 1006.7 1004.4 1004.6	-16 -2 -2 -10	WSW WSW WSW WS	6 6 6 4	c c c c	45 47 43 43	85 75 85 82	8 8 7 7	5 5 5 5	2 4 2 1	1 - - 1	4-6 2-3 7-8 4-6	9 1500 3000 1500	1 1 1 1	56 57 54 50	44 44 44 41	43 41 40 38	1 Tr 0.6 1	3 - - 3	- - - -	- 3.0 2.9 0.5	
13A	Tiree ...	22	1008.2	0	SWW	5	c	48	85	7	8	-	9	9	1001.0	-6	SWW	4	c	48	82	8	8	-	-	7-8	7-8	1500	1	52	47	-	2	3.4		
13B	Stornoway ...	80	1008.1	0	WSW	5	c	46	82	7	5	-	7-8	9	1000.3	+12	NNE	4	c	47	87	6	5	2	-	3	1000	1	52	42	-	1	4	2.0		
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick ...	1176 79 81 156	* * 995.5 991.2	* * -12 -10	* * SW SW	* * 3 6	* * c c	* * 46 45	* * 85 87	* * 8 6	* * 8 6	* * 7 2	* * 4-6 7-8	* * 9 10	* * 1500 800	1001.0 998.8 995.9 995.0	-2 -6 +12 +32	SW W WNW WNW	4 3 5 5	c b c c	43 48 43 39	75 85 87 85	8 8 8 8	4 5 7 2	- 1 - -	- Tr 4-6 7-8	4-6 Tr 1500 1500	1 1 3 1	50 60 52 50	41 44 43 35	37 37 2 2	1 1 2 3	1 - 1 3	1.2 5.0 - 1.2		
17	Blackod Point ...	18	1010.3	-14	SW	4	c	47	82	7	6	-	10	10	1008.1	-8	W	4	c	47	85	8	3	5	-	2-3	4-6	2500	1	54	44	-	0.2	0.5	-	
18	Malin Head ... Aldergrove ...	84 268	1006.8 1009.6	-6 -12	W WSW	5 2	c c	47 46	85 85	6 8	- 5	- -	7-8 10	1500 4000	1005.0 1007.2	-12 -10	SW SW	4 2	c c	46 44	85 82	8 8	6 5	7 -	4 -	4-6 2-3	7-8 4000	0 1	51 55	42 43	- 41	1 Tr	Tr -	0.8 2.1		
19	Birr Castle ...	173	1012.2	-16	WSW	1	c	46	82	7	5	-	10	10	1009.0	-6	WSW	1	c	45	82	8	5	4	-	2-3	2-3	2500	1	53	44	42	1	4	0.0	
20	Valentia Obay. Roches Point	30 22	1012.9 1013.7	-20 -20	WSW WS	4 4	c c	47 48	87 87	6 7	- 2	- 7-8	10 9	800 1500	1012.7 1011.2	+2 +6	WNW WNW	4 3	c c	47 46	85 82	8 8	8 6	- 2	- -	1 4-6	1 7-8	2500 1500	1 1	52 54	46 46	41 41	Tr 0.3	10 9	0.0 0.0	



AIR  
MINISTRY.

# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Tuesday 15th April 1941.  
No. 28999

OBSERVATIONS at 13h. G.M.T. 14th April														OBSERVATIONS at 18h. G.M.T. 14th April														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
DIRECTION.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Dirce. (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. 14th (37)					13h.—18h. 14th (38)		18h.—to 1h.—7h. 15th (39)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1	London (Kew)...	1010.3	-18	SW	5	ir	52	75	7	5	2	-	9	10	1500	1009.5	-2	WNW	5	ir	54	45	7	7	4	4-6	9	1500	1	*	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	mo	cir	

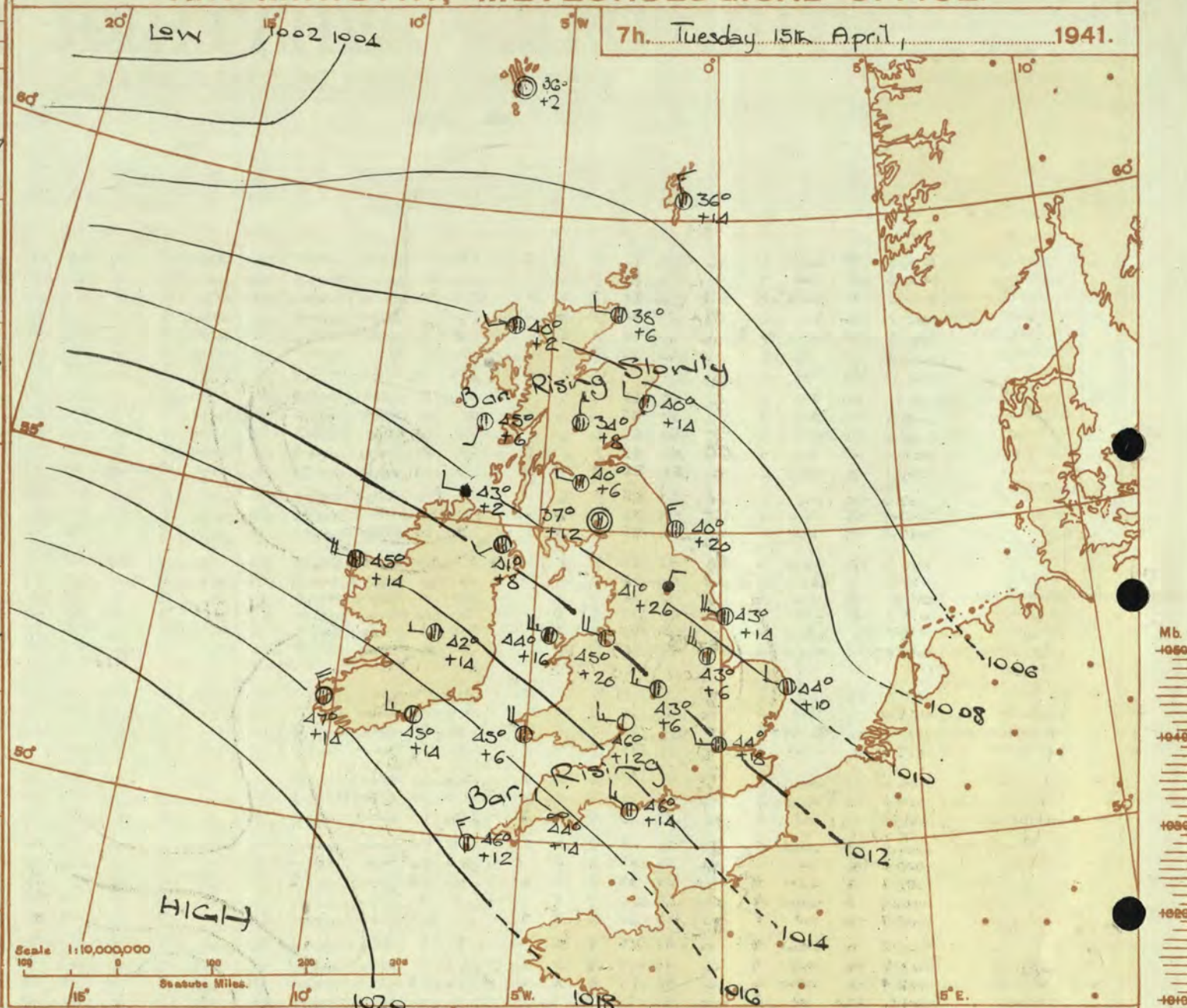


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 14h. April				18h. G.M.T.				01h. G.M.T. 15h. April				07h. G.M.T.			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN		C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN		C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	
109	8-	02855	30415	8-	02854	32585	5-	02866	31186	8-	02855	23386			
115	87	02844	32386	87	02844	02385	87	01844	28125	87	01844	28385			
203	9-	81837	04487	24	01853	30414	5-	03048	24328	5-	02247	26427			
206	61	62745	04388	83	02854	28167	83	02854	00025	57	02064	28127			
210	52	62745	02268	87	81855	28386	5-	02058	00085	87	02053	21127			
220	52	02844	05318	83	10054	32314				52	01853	20116			
230	8-	81647	53587	84	25815	30387	84	25855	30386	87	02052	16125			
245	9-	88957	41517	52	62633	06168	50	01863	32263	54	02863	24328			
260	8-	02855	20425	83	82754	26387	52	22644	00068	53	01763	22115			
277	8-	81747	41487	8-	81647	20387	50	00852	26583	54	02863	24315			
279	8-	25866	22486	80	01854	22324	-	05556	04126	57	02864	28326			
285	25	81745	24527	33	27744	28588				6-	58538	32368			
288	52	61855	22327	26	25854	24484	81	02755	20118	62	22537	32168			
273															
301	83	22754	24465	80	01854	24414	50	01754	52484	8-	01755	28415			
321	5-	62558	26268	24	01763	24313	5-	05666	58326	52	02764	26424			
299	8-	22647	22267	50	01854	24314	50	01752	24302	57	61845	28368			
292	5-	61848	23468	84	02844	24384	50	01853	24113	5-	61856	24266			
310	-	53528	20448	-	01634	20414				-	02626	26426			
316	52	66446	24368	46	01763	55464	5-	02656	24216	50	02652	26414			
338	62	62536	21368	2-	01055	24385	54	01851	26482	54	01834	26315			
334										-	02643	26313			
340	5-	61748	30268	84	01064	22464	80	22853	26313	53	02855	23127			
136	52	62645	21468	23	22662	25662	04	05690	23402	84	02053	27213			
336	62	02763	23527	24	01763	24515				52	62763	24427			
350	52	62636	51568	80	02854	24386				50	02765	28225			
368	86	21854	24464												
379	6-	62518	20568	20	01842	24514	03	01700	22304	50	01754	24314			
390	57	61645	22467	85	05644	28465	00	05690	26210	53	05663	25314			
382	52	22747	20568	10	01843	25425	04	05690	22311	53	00762	22313			
438										50	01753	26203			
430	52	51736	53568	80	02723	24426	00	05690	00000						
409	57	02845	26467	16	00832	24423	00	05690	26400	54	01744	26314			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Tuesday 15th April 1941

1 S.E. England	Light or moderate west-northwest or west wind; local showers and bright periods; chance of thunder this afternoon more particularly in the east; temperature nearly up to the seasonal normal.
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	Light or moderate winds from between north and west; cloudy with occasional rain or showers; some bright intervals; rather cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotland B.N.W. Scotland	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	As 0-9.
18 N.E. Ireland	
19 S.E. Ireland	
20 S.W. Ireland	

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

GENERAL INFERENCE.

A depression centred over Scandinavia is moving away eastwards, and another centred near Iceland is moving slowly east-southeast. Weather will be generally rather unsettled with rain at times in the north, and with occasional showers in the south with local thunder, but with some bright intervals. Temperatures will be near the normal in the south, but in the north it will continue rather cold.

FURTHER OUTLOOK.

No great change.

Forecasts issued at 10.30h.

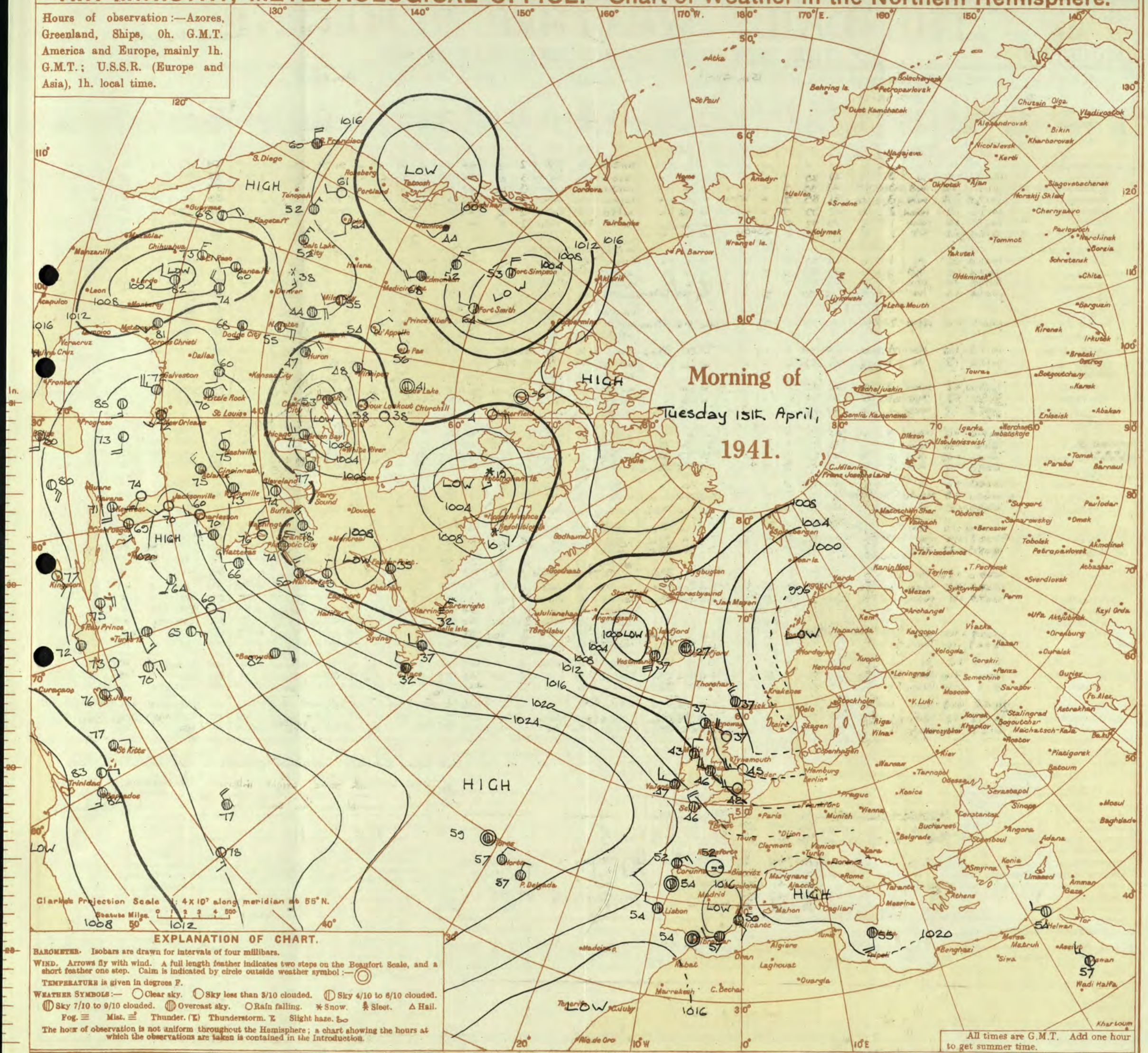
H.M.S.O. Press, Const. at House of Commons.

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



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Tuesday 15th April 1941.

No. 28,959

OBSERVATIONS at 1 hr. G.M.T. 15th April														OBSERVATIONS at 7 hr. G.M.T. 15th 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.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 15th Apr. (36)		
					Direc. (3)	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Direc. (17)					Force 0-12 (18)	Low. (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	Max. Day 7h-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	*	*	*	*	*	*	*	*	*	*	*	1012.8	+14	SW	2	2	44	85	6	5	-	-	3	3	2500	1	*	54	42	33	Tr	-	0.1			
	Croydon	217	1011.2	+8	W	3	b	42	85	7	-	-	-	1013.0	+18	W	3	c	44	85	6	3	4	-	3	3	2000	1	*	52	39	37	Tr	-	0.1			
	S. Farnborough	226	1011.7	+6	WS	3	b	43	85	7	-	-	-	1013.1	+10	W	3	bc	43	85	8	3	-	-	0	2	3	1	*	54	37	31	Tr	-	0.6			
	Boscombe Down	417	1012.8	+4	WNW	3	b	41	85	7	-	-	-	1014.0	+10	WNW	4	b	42	92	7	5	-	-	1	1	3000	0	*	53	37	33	0.1	-	1.6			
	Thorney Island	10	1012.0	+2	WNW	2	b	42	92	7	-	-	-	1013.6	+12	WNW	2	3	42	97	6	5	3	-	Tr	1	4000	0	*	51	38	30	Tr	-	0.0			
	Lymington	346	1011.3	+6	WNW	1	b	39	92	6	-	-	-	1013.1	+10	WNW	2	b	41	97	7	-	-	1	0	Tr	-	0	*	52	34	27	Tr	Tr	0.0			
	Manston	154	1010.5	+6	WS	2	N	42	92	6	-	-	-																									
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1012.2	+16	WNW	1	b	46	75	6	-	-	-	-	-	-	1	*	53	41	35	Tr	-	0.1			
	Felixstowe	15	1009.6	+6	W	3	b	44	85	7	-	-	-	1010.8	+3	WNW	5	b	44	85	7	5	-	-	Tr	Tr	2500	1	4	52	42	37	Tr	0.3	0.1			
	Gorleston	5	1008.4	+6	WS	2	b	45	85	6	-	-	-	1009.8	+10	WNW	2	c	44	75	6	5	-	-	3	3	1500	1	0	54	40	33	1	0.1	0.1			
	Mildenhall	19	1008.0	+4	WSW	4	b	42	85	7	-	-	-	1010.3	+16	SW	2	bc	46	85	7	5	-	-	4	4	2800	1	0	54	39	33	0.6	Tr	0.6			
	Cranwell	240	1008.4	+6	W	5	c	42	85	7	8	-	-	7-8	+6	WNW	5	c	48	75	7	8	-	5	7-8	7-8	3000	1	*	53	40	36	2	-	1.5			
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1012.4	+6	WNW	3	bc	43	85	6	5	-	-	4-6	4-6	2500	1	*	53	41	36	8	-	2.7			
	Upper Heyford	408	1010.3	+10	WSW	2	bc	41	92	7	5	-	-	4-6	+14	WNW	3	bc	43	92	7	5	-	-	3	3	1100	1	*	54	39	33	1	0.1	0.1			
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1013.2	+12	W	3	b	46	65	8	4	-	-	1	1	2500	0	*	55	43	37	0.6	-	3.7			
5	Hartland Point	299	1014.2	+6	NW	3	b	46	85	8	1	-	-	Tr	+14	NW	3	c	45	92	8	5	-	-	3	3	1800	0	4	50	44	42	4	-	6.5			
	Bristol	209	1012.6	+2	W	3	3	42	92	6	-	-	-	0	+14	N	3	c	43	85	7	5	3	-	-	7-8	7-8	2500	1	*	53	40	34	4	-	3.0		
	Portland Bill	32												0	+14	NW	3	bc	46	92	8	5	-	-	4-6	4-6	4000	1	3	48	44	31	0.6	-	4.1			
	Plymouth	82	1015.6	+2	WNW	3	b	44	92	7	-	-	-	0	+14	NW	1	b	44	92	6	5	-	-	4-6	4-6	2500	1	1	54	41	31	1	-	4.1			
	The Lizard	240	1015.8	+2	NW	3	b	45	97	8	-	-	-	0	+16	WNW	3	bc	49	92	8	4	-	-	2-3	2-3	3000	0	2	52	45	31	1	-	3.9			
	Scilly (St. Mary's)	163	1016.3	+2	WNW	4	b	46	92	7	-	3	-	1	+12	WNW	3	bc	46	92	8	4	-	-	4-6	4-6	2000	0	3	53	44	31	1	-	5.9			
	Guernsey	175																																				
6	Pembroke	142	1014.0	+6	WNW	3	bc	46	92	8	-	-	-	0	+6	NW	4	bc	45	92	8	8	-	-	4-6	4-6	2000	1	3	50	45	31	3	-	7.9			
7	Holyhead	26	1011.0	+18	WN	5	c	46	85	8	8	-	-	3	+16	WN	4	c	44	92	8	8	4	-	-	4-6	7-8	700	1	3	51	43	40	3	Tr	6.1		
	Chester (Sealand)	16	1010.1	+16	WN	5	b	44	85	7	5	4	-	-	Tr	+20	WNW	4	bc/pr	45	75	7	8	4	1	4-6	4-6	2500	1	*	53	39	33	2	Tr	4.3		
8	Manchester	70	1009.5	+18	WN	5	3	43	85	8	-	-	-	7-8	+18	WN	4	3	42	85	6	8	3	-	-	4-6	4-6	2500	1	*	53	39	33	3	0.1	3.7		
10	Spurn Head	29	1009.5	+2	W	5	3	45	85	6	-	-	-	0	+14	WNW	5	3	43	85	7	8	-	-	3	3	4000	0	3	51	42	31	5	Tr	3.7			
	Catterick	175	1006.1	+8	WNW	3	b	45	75	8	5	3	-	-	4-6	+26	NE	2	c	41	85	5	2	-	-	3	3	600	0	*	51	41	32	0.1	Tr	3.7		
	Tynemouth	108	1005.5	+16	N	3	ir	48	97	6	-	2	-	-	10	+20	WNW	3	c	46	97	6	5	-	-	10	10	2100	1	3	40	39	2	-	*	*		
11	St. Abbs Head	280	1006.0	+10	NW	1	b	38	97	8	5	2	-	-	7-8	+12	NW	3	c	41	75	8	5	7	-	-	7-8	3	2000	1	2	54	37	*	-	0.5	*	
	Leuchars	36	1006.2	+14	W	2	3	40	92	6	5	3	-	-	7-8	+10	NW	2	c	41	85	8	5	7	-	-	3	3	4000	1	*	58	39	38	2	3	7.8	
12	Renfrew (Abbots I.)	19	1008.3	-32	ESE	1	c	46	92	7	5	-	-	-	3	+6	WN	1	c	46	85	8	7	3	-	-	2-3	3	2500	1	*	55	37	30	0.6	0.3	4.2	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1009.3	+12	-	0	b	37	85	8	7	-	-	2	1	4-6	2500	1	*	51	34	31	1	2	3.1	
	Point of Ayre	30	1009.0	+20	NW	5	b	43	85	8	4	-	-	Tr	+14	WNW	3	bc	43	85	8	5	4	3	-	-	2-3	4-6	2500	1	3	50	41	2	2	4.5		
13A	Tiree	22	1008.4	+12	WNW	3	bc	43	75	8	5	3	-	-	2-3	+6	SW	1	bc	45	75	8	5	3	-	-	2-3	4-6	2500	0	3	52	*	*	0.1	-	3.6	
13B	Stornoway	80	1007.9	+6	WSW	1	bc	37	97	8	5	7	-	-	4-6	+2	WSW	2	c	40	97	8	5	5	-	-	3	3	2500	1	1	47	37	*	Tr	2.0	2.0	
15	Dalwhinnie	1176	*	*	*	*	*	*	*	*	*	*	*	*	1009.0	+8	N	1	c	34	97	7	5	5	-	-	7-8	3	1500	1	*	52	29	24	3	1	3.0	
	Aberdeen	79	*	*	*	*	*	*	*	*	*	*	*	*	1008.2	+14	WN	2	bc	40	85	8	8	3	8	7	4-6	1500	1	2	53	35	31	0.4	0.1	3.0		
	Wick	81	1005.8	+10	NW	2	pr	39	97	7	5	7	-	-	4-6	+6	W	2	c/pr	38	92	8	5	7	2	4-6	3	1500	1	2	46	33	*	0.2	1	3.0		
16	Lerwick	156	1004.3	+10	WNW	3	c	37	75	8	5	7	-	-	4-6	+14	WNW	3	c	36	85	8	8	7	-	-	7-8	3	1500	1	*	47	35	*	0.2	0.2	5.9	
17	Blackod Point	18	1013.4	+6	W	4	PR	45	92	8	c	-	-	3	+14	WNW	4	c	45	85	8	3	-	-	-	7-8	7-8	1500	1	4	54	42	*	0.4	2	*		
18	Malin Head	84	1010.1	+10	WNW	2	bc	43	85	7	9	-	-	-	4-6	+2	W	2	pr	43	92	8	6	-	-	2	2-3	4-6	1500	1	2	50	40	*	Tr	3	5.3	
	Aldegrove	268	1011.1	+14	WNW	3	pr	42	85	8	8	-	-	-	3	+8	SW	2	c	41	92	8	5	7	-													



PAST 24 HOURS.

Direction.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	° Réaumur. (7)	° Visibility. (8)	Cloud.			Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	° Humid. (21)	° Visibility. (22)	Cloud.			State of Ground. 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. 15h. (37)	13h.—15h. 15h. (38)	15h.—to 16h. (39)	16h.—7h. 16h. (40)						
																																		Form.	Amount.	Height	Form.	Amount	Height of
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Thorney Island ... Lympne ... Manston ...	1013.6 1013.5 1013.8 1014.8 1014.1 1014.0 1013.4	-2 -4 -2 +6 +2 +2 -4	NNW WNW WNW NNW NNW W/N WNW	3 3 3 4 4 2 4	c bc c bc c z z	54 55 55 52 54 52 52	45 45 45 52 53 55 63	8 8 8 1 7 6 8	- - - - - - 6	- - - - - - -	7.8 4.6 7.8 4.6 3 7.8 4.6	7.8 4.6 7.8 3000 2500 2500 2000	1014.3 1013.4 1013.9 1015.0 1013.9 1014.2 1013.5	+0 +2 +6 +6 0 +2 +2	NNW WNW WSW NNW W NW WNW	3 2 2 4 1 1 1	bc c PR bc bc bc z	55 55 65 65 55 55 65	6 8 7 8 8 7 6	8 - 8 - - - 3	- - - - - - -	7.8 2.3 9 2.3 4.6 4.6 0	2500 2500 2500 3000 4000 4500 -	0 1 1 0 0 0 0	5 * * * * * *	cir.mob bc bc bc bc cz bccz	bc bc bc bc bc cz cz	bc bc bc bc bc bc bc	bc bc bc bc bc bc bc	bc bc bc bc bc bc bc								
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranechurch ...	1013.6 1012.7 1012.1 1012.6 1012.4	+6 +10 +8 +2 +2	NW WNW NW NNW NW	2 5 4 4 5	c c c c c	51 51 46 49 51	55 65 65 65 65	8 7 8 7 8	5 - - - -	2 - - - -	7.8 9.4 9.4 9 9	4000 3000 1500 2500 2000	1013.5 1012.8 1013.2 1012.7 1012.7	+2 +2 +6 +6 +2	NNW WNW NE WSW NW	1 2 2 3 3	bc bc bc bc bc	52 55 45 50 45	65 65 85 65 65	6 5 7 6 7	5 - - 3 -	- - - - -	4.6 2.3 0 7.8 4.6	4000 3500 Tr 3500 2000	1 1 0 0 1	1 * * * *	bc bc bc bc bc	bc bc bc bc bc	bc bc bc bc bc	bc bc bc bc bc	bc bc bc bc bc							
3	Birmingham ... Upper Heyford ...	1013.2 1013.5	+4 +2	WNW WNW	3 4	c bc	53 53	45 55	8 8	- -	- -	7.8 4.6	7.8 4.6	2500 2500	1014.1 1013.9	+2 +6	WNW NW	2 3	bc bc	48 50	75 75	7 8	8 6	- -	4.6 2.3	2500 1500	1 1	1 *	bc bc	bc bc	bc bc	bc bc	bc bc						
4	Ross-on-Wye ...	1014.0	0	W/N	4	c	53	55	9	2	-	7.8	7.8	2500	1014.7	+6	WNW	4	bc	52	55	9	2	-	2.3	4000	0	1	bc	bc	bc	bc	bc						
5	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... St. Mary's ... Guernsey ...	1016.6 1015.0 1016.7 1017.0 1018.1 1018.7 1018.7	0 -2 +8 -2 +1 +2 +2	NNW W WNW NNW W/N W/N W/N	3 3 3 4 4 4 3	bc c bc c bc bc bc	50 52 50 54 52 52 52	85 65 85 65 75 75 75	8 8 8 1 8 8 8	2 2 - - 6 - -	4 - - - - - -	- - - - - - -	2.3 4.6 10 9 4.6 4.6 4.6	2000 2500 4000 3000 3000 2500 1500	1016.9 1015.1 1015.3 1017.2 1017.9 1018.9	+4 +4 -2 +2 +2 +4	W W W NW NW NNW	3 4 2 4 4 3	bc bc bc bc bc bc	47 49 49 50 50 50	85 75 85 65 65 75	8 8 2 7 2 8	1 4 6 - - -	- - - - - -	2.3 														

### EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

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

b, blue sky (not more than a quarter covered with cloud).  
bc, sky partly cloudy (one half covered). c, generally cloudy.  
d, drizzle. e, wet air. g, gloom.  
f, fog, visibility 200-1100 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, (square). l, lightning.  
o, overcast sky. p, passing showers.

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

h(r), "hail" or "rain and hail."  
Capital letters indicate intense;  
suffix o indicates slight; repetition  
of letters indicates continuity: thus  
R, heavy rain. r<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:—be/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 13, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14.

Columns 18, 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:	Alto cumulus,—Ac:	Altostratus,—As:
Stratocumulus,—Sc:	Stratus,—St:	Nimbostratus,—Ns:	Cumulus,—Cu:	Cumulonimbus,—Cb:

COLUMN 29 —STATE OF GROUND.

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

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



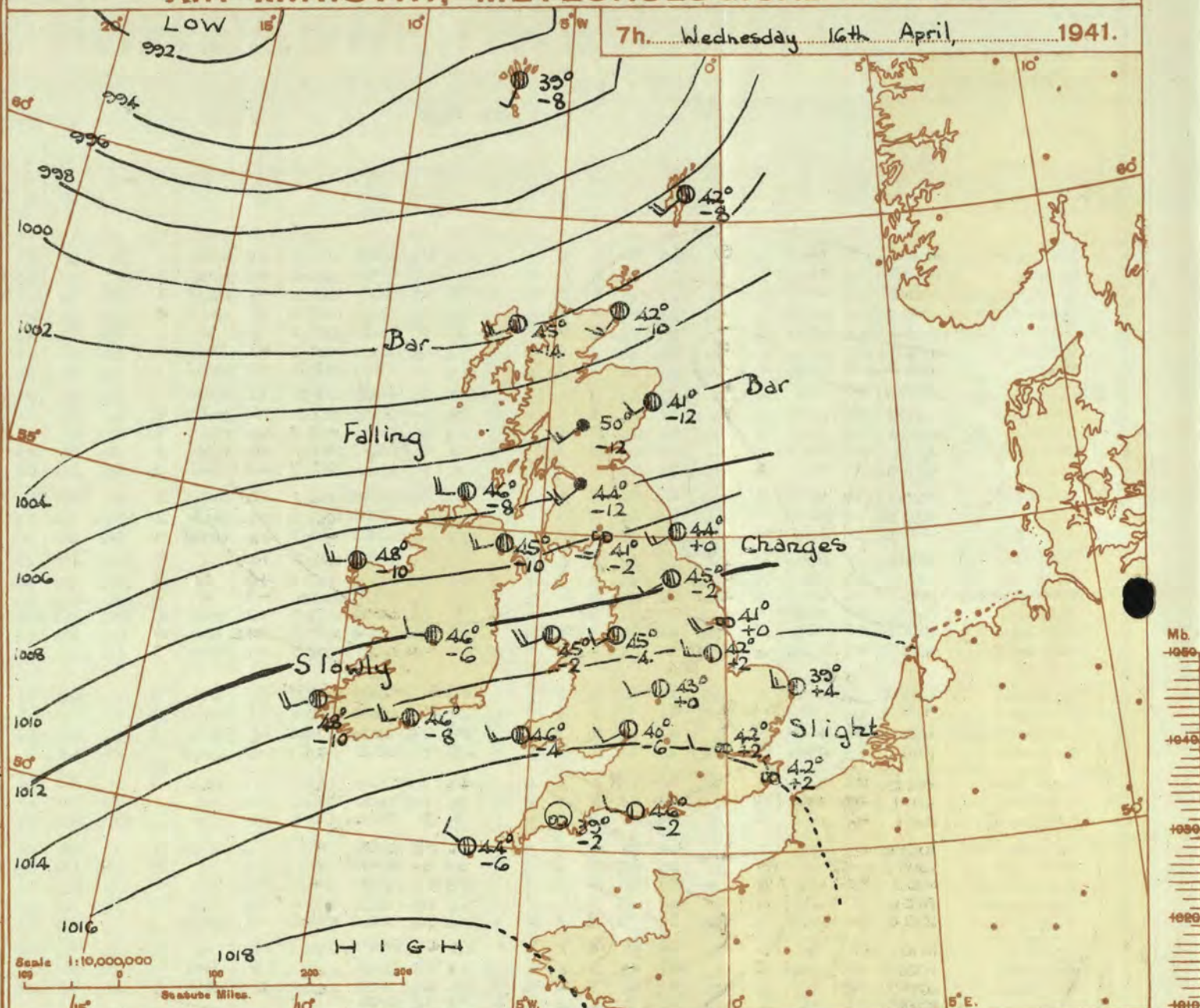
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 15h. April.....18h. G.M.T.				01h. G.M.T. 16h. April.....07h. G.M.T.			
III C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>h</sub>
109 86	02555	26385	87	25854	23426	5-	02865 20225
115 87	81844	24386	87	02844	20385	87	81844 20486
203 87	01954	20445					
206 86	25964	22385	87	02864	22386	57	61847 00067
210 83	01964	23385	86	02954	24326	54	01953 00084
220 20	01953	21203	53	25044	10235		52 25845 22388
230 8-	81857	24287	86	25844	53387	8-	02844 53414
245 26	10965	18426	86	0054	20484	5-	01974 24324
260 20	01955	24215	24	01763	24415	52	25655 20138
277							57 02865 22328
279 83	81745	22326	80	00963	25313		57 05663 24326
285 8-	02847	20587	3-	82247	30587		23 81636 26487
288 87	02854	21115	8-	02865	24325	07	02890 22205
273							57 02863 21327
301 83	02855	26316	26	01852	26323	53	02764 25485
321 86	02655	02227	43	02664	26325	50	05563 22113
299 5-	81656	26286	50	10754	18214	50	01753 22333
292 8-	02955	22265	86	02855	24385	50	01853 00003
310 --	01634	26314	--	01634	26414	--	01636 24416
316			86	01754	26384	04	00590 22201
333 84	02945	24386	00	01900	25221	54	01861 24212
334 --	02647	28317	--	01643	28203	--	02647 24317
340 80	81855	28385	20	01953	30383	5-	01764 22214
136 5-	25667	26488	46	01774	06215	00	05690 24280
336 62	61762	26366	10	01763	28413		14 01763 02314
350 13	01764	28414	80	25755	28165		50 05661 22313
368							
379 10	01755	26315	20	25755	28285	40	00751 28301
3907-	02767	28327	8-	81757	28217	00	00790 28200
3827-	02955	26325	2-	01854	32324	00	00790 00000
438							50 00772 12102
430 7-	02866	28316				00	05690 00000
409 2-	01854	29514	14	00852	27412	00	05690 24200
						5-	05743 16103

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 16th April 1941.



DISTRICTS.

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

1 S.E. England	Moderate west to southwest wind. Mainly fair with considerable bright intervals, but a few scattered showers this afternoon. Average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate southwest wind, backing south later and freshening. Fair at first with considerable bright periods but a few scattered showers. General rain spreading from west late in period. Average temperature.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Moderate to fresh southwest to south wind. Cloudy with local showers, some bright intervals. Average temperature.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate to fresh southwest to south wind. Cloudy with local showers at first, more general rain later. Average temperature.
13 { A. W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	As 9-11
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Moderate southwest wind backing south and freshening. Fair at first apart from local showers. Rain spreading from west later. Average temperature.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

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

GENERAL INFERENCE.

A depression centred near Iceland is almost stationary, while another centred some 500 miles west of Ireland is moving eastwards. Weather will be mainly fair at first, though with some scattered showers. Rain will spread eastwards later, though it is not expected to reach the extreme east before noon tomorrow. Temperatures will be near the seasonal normal.

FURTHER OUTLOOK.

Unsettled with rain at times.

Forecasts issued at 1030h G.M.T.

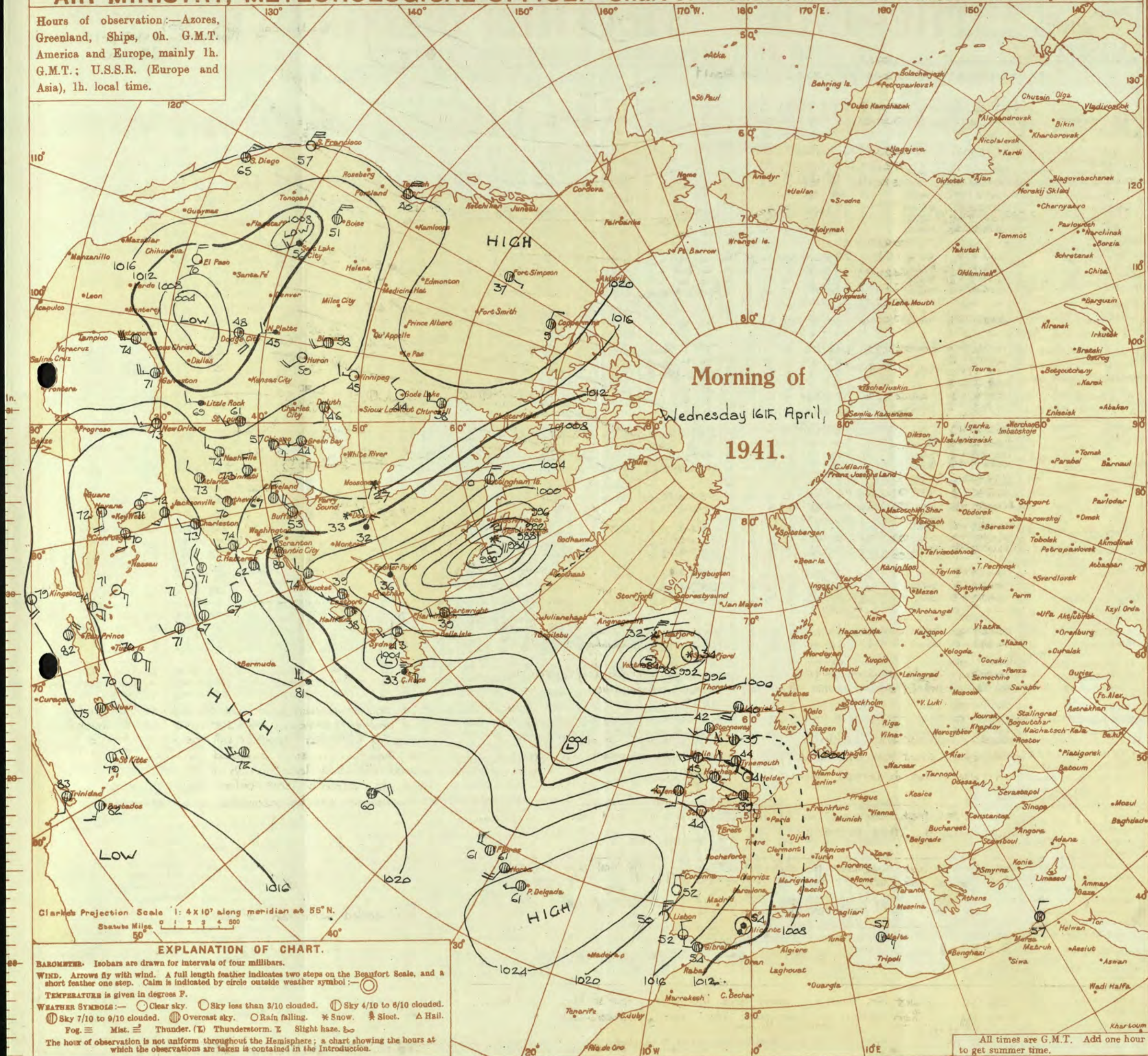
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

M.M.S.D. Press, Central 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. 16th April														OBSERVATIONS at 7 hr. G.M.T. 16th April														PAST 24 HOURS.									
DIRECTION.	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. 0-9	TEMPERATURE.			RAINFALL.		Sun-shine Hrs.			
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.			Force.	Form.					Amount.	Height of Base (feet).	Max. Day 7h-18h °F.	Min. Night 18h-7h °F.			Min. on Grass °F.	Day 7h-18h mm.	Night 18h-7h mm.						
																																Low.	Med.		High.	Low.	Med.
1	London (Kew) ... 18	1016.0	+0.2	N	2	1	b	39	82	5	-	-	-	1016.2	+0.4	SW	2	b	41	85	5	3	-	2-3	4-6	2500	1	*	56	37	22	Tr	Tr	6.5			
	Croydon ... 217	1016.0	+0.2	N	2	1	b	38	82	5	-	-	-	1016.4	+0.2	W	2	b	42	82	6	5	2	4-6	5-7	5000	1	*	57	33	31	-	Tr	7.0			
	S. Farnborough ... 226	1016.0	+0.2	N	2	1	b	38	85	7	-	-	-	1017.0	+0.2	-	0	0	37	82	6	5	3	1	2-3	5000	1	*	57	31	24	0.5	Tr	7.0			
	Boscombe Down ... 417	1017.0	+0.2	N	2	1	b	38	85	7	-	-	-	1017.0	+0.2	-	0	0	34	82	6	1	-	2-3	2-3	1600	1	*	55	35	28	-	Tr	*			
	Thorney Island ... 10	1016.0	+0.2	N	2	1	b	40	82	6	-	-	-	1016.4	+0.6	WNW	1	b	40	82	6	5	3	1	1	4000	1	*	57	35	28	-	Tr	*			
	Lymington ... 346	1015.7	+0.2	N	2	1	b	38	85	6	-	-	-	1015.9	+0.2	WNW	1	b	42	85	6	1	1	1	2-3	1	54	33	27	-	Tr	7.5					
	Manston ... 154	1015.2	+0.2	N	2	1	b	40	82	5	-	-	-	1015.6	+0.4	WNW	1	b	42	85	5	-	-	1	0	Tr	1	54	35	29	-	Tr	*				
2	Shoeburyness ... 11	1014.4	+0.2	N	2	1	b	42	87	6	-	-	-	1015.6	+0.2	W	1	b	43	85	4	7	5	2-3	2-3	5700	1	*	56	37	23	-	Tr	8.0			
	Felixstowe ... 15	1014.4	+0.2	N	2	1	b	40	87	6	-	-	-	1015.4	+0.8	W	1	b	40	85	5	5	-	1	5500	1	*	54	38	31	-	Tr	7.0				
	Gorleston ... 5	1014.5	+0.2	N	2	1	b	38	85	6	-	-	-	1014.9	+0.4	W	3	b	39	85	6	-	-	4	0	2-3	1	49	36	32	-	Tr	*				
	Mildenhall ... 19	1014.5	+0.2	N	2	1	b	38	85	6	-	-	-	1014.5	+0.2	SW	2	b	40	85	6	-	-	4	0	4-6	1	54	34	28	Tr	Tr	5.1				
	Cranwell ... 240	1014.4	+0.2	N	3	1	b	38	82	5	-	-	-	1014.3	+0.2	W	3	b	42	85	7	-	-	4	0	4-6	1	53	37	33	-	Tr	3.3				
3	Birmingham ... 535	1016.1	+0.2	N	2	1	b	39	85	7	-	-	-	1014.7	0	WSW	2	b	43	75	7	5	-	1	4-6	2500	1	*	54	37	30	-	Tr	7.4			
	Upper Heyford ... 408	1016.1	+0.2	N	2	1	b	39	85	7	-	-	-	1015.9	0	SW	1	b	39	87	7	-	-	4	1	2-3	1	56	32	24	-	Tr	*				
4	Ross-on-Wye ... 223	1015.5	-0.2	N	2	1	b	40	85	7	-	-	-	1015.5	-0.2	SW	2	b	40	75	8	5	3	1	Tr	4-6	4000	0	*	56	34	25	-	Tr	3.1		
5	Hartland Point ... 299	1017.1	-0.4	N	3	1	b	46	92	8	-	-	-	1016.2	-0.2	SW	4	b	45	87	8	5	4	1	2-3	4-6	1200	0	3	55	44	40	-	Tr	9.1		
	Bristol ... 209	1016.8	-0.2	N	3	1	b	37	85	6	-	-	-	1016.4	-0.2	S	1	b	43	87	7	5	3	1	Tr	1	2500	0	55	34	27	Tr	Tr	9.1			
	Portland Bill ... 32	1016.4	+0.4	N	3	1	b	45	92	8	-	-	-	1016.6	-0.2	W	2	b	46	92	8	-	-	-	0	0	0	1	52	41	-	-	Tr	7.2			
	Plymouth ... 82	1018.3	-0.2	N	3	1	b	44	92	8	-	-	-	1017.3	-0.2	W	2	b	43	92	8	-	-	-	0	0	0	1	54	37	25	-	Tr	10.8			
	The Lizard ... 240	1018.8	-0.2	N	3	1	b	44	92	8	-	-	-	1017.2	-0.6	NW	2	b	45	92	8	4	-	-	2-3	2-3	2500	0	2	53	42	-	-	Tr	10.8		
	Scilly (St. Mary's) ... 163	1019.3	-0.2	N	2	1	b	44	92	8	-	-	-	1016.4	-0.6	WNW	2	b	44	92	8	5	-	-	4-6	4-6	1800	0	2	55	42	-	-	Tr	11.0		
	Guernsey ... 175	1019.3	-0.2	N	2	1	b	44	92	8	-	-	-	1016.4	-0.6	WNW	2	b	44	92	8	5	-	-	4-6	4-6	1800	0	2	55	42	-	-	Tr	11.0		
6	Pembroke ... 142	1017.4	+0.2	N	3	1	b	45	92	7	-	-	-	1015.3	-0.4	WSW	3	b	46	97	8	5	7	-	4-6	7-8	4000	1	3	51	44	-	-	Tr	8.5		
7	Holyhead ... 26	1014.2	+0.6	SW	4	1	b	43	85	5	-	-	-	1012.8	-0.2	SW	4	b	45	85	8	5	7	-	3	10	2800	1	4	53	43	39	Tr	Tr	8.0		
	Chester (Sealand) ... 16	1014.3	+0.2	SW	2	1	b	43	85	5	-	-	-	1012.8	-0.4	SW	2	b	45	85	7	4	9	-	2-3	4-6	3500	1	*	52	38	26	-	Tr	11.1		
8	Manchester ... 70	1014.5	+0.2	SW	1	1	b	39	82	5	-	-	-	1013.3	-0.2	SW	3	b	42	85	6	5	-	-	3	9	2500	1	*	51	35	25	0.1	Tr	6.1		
10	Spurn Head ... 29	1013.0	0	N	4	1	b	41	85	5	-	-	-	1013.0	0	SW	4	b	41	92	6	-	-	5	1	0	4-6	0	3	45	40	-	-	Tr	2.2		
	Catterick ... 175	1011.9	-0.8	SW	2	1	b	41	85	7	-	-	-	1010.8	-0.2	SW	1	b	45	85	7	5	7	-	7-8	9	1300	0	*	58	40	34	0.2	-	4.3		
	Tynemouth ... 108	1011.3	-0.6	N	2	1	b	44	85	6	-	-	-	1010.5	0	SW	3	b	44	92	6	8	-	-	7-8	7-8	2500	1	2	50	41	37	0.2	-	*		
11	St. Abbs Head ... 280	1008.6	-0.6	N	5	1	b	43	85	8	-	-	-	1007.5	-0.2	NW	4	b	44	85	9	4	7	7	2-3	10	2500	0	2	49	43	-	-	Tr	*		
	Leuchars ... 36	1007.8	-0.6	N	5	1	b	41	85	7	-	-	-	1006.4	-0.2	WSW	3	b	43	85	7	5	7	-	4-6	9	4000	1	*	54	39	37	-	Tr	5.7		
12	Renfrew (Abbots I.) ... 19	1009.5	-0.8	WSW	3	1	b	44	92	7	-	-	-	1007.5	-0.2	WSW	4	b	44	92	6	8	3	1	7-8	7-8	1200	1	*	53	42	37	0.3	Tr	5.3		
	Eskdalemuir ... 794	1011.9	-0.8	N	4	1	b	45	85	8	-	-	-	1008.7	-0.2	SW	3	b	41	92	6	5	-	-	10	10	1500	1	*	50	39	37	Tr	Tr	5.9		
	Point of Ayre ... 30	1011.9	-0.8	N	4	1	b	45	85	8	-	-	-	1010.3	-0.2	WS	5	b	45	92	8	4	4	1	7-8	2500	0	3	51	41	-	-	Tr	7.9			
13a	Tiree ... 22	1005.5	-0.4	WSW	3	1	b	44	92	8	-	-	-	1001.3	-0.4	SW	5	b	45	85	7	8	7	7	7-8	10	1500	1	4	48	41	-	-	Tr	5.8		
13b	Stornoway ... 80	1005.2	-0.8	SW	3	1	b	42	92	8	-	-	-	1001.3	-0.4	SW	5	b	45	85	7	8	7	7	7-8	10	1500	1	4	49	41	-	-	Tr	5.8		
15	Dalwhinnie ... 1176	1004.5	-1.0	SW	2	1	b	39	82	8	-	-	-	1005.1	-0.4	SW	2	b	41	85	6	-	-	2	3	9	4000	1	2	47	38	31	-	Tr	6.7		
	Aberdeen ... 79	1004.5	-1.0	SW	2	1	b	39	82	8	-	-	-	1005.1	-0.4	SW	2	b	41	85	6	-	-	2	3	9	4000	1	2	47	38	31	-	Tr	6.7		
	Wick ... 81	1004.5	-1.0	SW	2	1	b	39	82	8	-	-	-	1005.1	-0.4	SW	2	b	41	85	6	-	-	2	3	9	4000	1	2	47	38	31	-	Tr	6.7		
16	Lerwick ... 156	1003.3	-1.4	SW	4	1	b	40	85	8	-	-	-	1000.7	-0.8	SW	4	b	42	85	7	8	7	-	7-8	9	800	1	*	45	37	-	-	Tr	0		
17	Blackod Point ... 18	1011.7	-1.4	N	3	1	b	48	92	7	-	-	-	1009.1	-0.2	N	3	b	48	92	7	8	5	-	4-6	7-8	2500	0	3	53	45	-	-	Tr	5.5		
18	Malin Head ... 84	1009.3	-0.6	SW	3	1	b	45	92	7	-	-	-	1007.0	-0.8	WS	4	b	46	85	8	6	1	-	4-6	9	2500	0	2	49	42	-	-	Tr	3.9		
	Aldergrove ... 268	1011.6	-0.6	WSW	3	1</																															



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Thursday 17th April 1941.  
No. 29.ool.

OBSERVATIONS at 13h. G.M.T. 16th April															OBSERVATIONS at 18h. G.M.T. 16th April															PAST 24 HOURS.																		
Direction.	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)	Visiblity. 0-9 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visiblity. 0-9 (22)	Cloud.					Barom. at M.S.L. mb. (28)	Change in 8 hours. (29)	Sea. 0-9 (30)	WEATHER.																	
				Dirac.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Dirac.	Force.			Form.	Amount.					Height of Base. (feet) (25)	Dirac.	Force.	Form.	Amount.				Height of Base. (feet) (33)	Dirac.	Force.	Form.	Amount.	Height of Base. (feet) (40)												
																																					Low.	Med.	High.	Low.	Med.	High.	Low.	Med.	High.	Low.	Med.	High.
1	London (Kew)...	1014.4	-14	W N	2	c	58	45	8	8	-	-	7-8	7-8	2500	1012.3	-12	W	3	bc	55	45	7	8	-	-	4-6	4-6	2500	1	*	bcz, cy	bcy	bcybw	bcybw													
	Croydon ...	1014.8	-6	W	2	c	55	45	8	8	-	-	7-8	7-8	3500	1012.9	-10	SW	1	bc	54	55	7	5	6	1	5	2-3	2-3	3000	0	*	bcz, cy	bcy	bcybw	bcybw												
	S. Farnborough ...	1014.6	-12	W	2	bc	56	55	8	7	3	-	-	4-6	4-6	4500	1012.4	-14	SSW	2	bc	54	55	8	3	5	2-3	4-6	4000	0	*	bcz, vbc	bcz	bcy	bcy													
	Boscombe Down ...	1015.4	-10	WNW	4	c	55	55	8	7	-	-	7-8	7-8	4500	1013.4	-16	SWW	3	c	49	75	8	4	-	6	4-6	7-8	3500	0	*	bcz, bc	c, bc	bc	bc													
	Thorney Island ...	1015.4	-6	S	3	bc	55	65	8	1	-	-	2-3	2-3	2500	1013.4	-14	SW	2	b	49	85	8	-	-	5	0	1	-	-	0	*	bcz, bc	bcy	bcy	bcy												
	Lymington ...	1016.2	-6	SW	2	bc	52	55	8	1	-	-	4-6	4-6	3000	1014.4	-12	NNW	2	b	48	65	8	-	-	1	0	Tr	-	0	*	bcz, bc	bcy	bcy	bcy													
	Manston ...	1014.3	-10	SSW	3	bc	53	65	8	2	-	-	4-6	4-6	3000	1013.1	-6	SSW	2	b	51	55	8	-	6	1	0	Tr	-	0	*	bcz, bc	bcz	bcz	bcz													
2	Shoeburyness ...	1014.8	-6	WSW	1	bc	58	45	7	2	4	-	-	4-6	4-6	4000	1013.0	-8	SW	2	bc	53	55	7	-	3	-	4-6	4-6	-	0	1	*	bcz, bc	bcz	bcz	bcz											
	Felixstowe ...	1014.5	-6	SSW	3	c	54	65	7	7	-	-	7-8	7-8	4000	1012.3	-10	SW	2	c	49	75	8	4	-	6	1	5	2-3	2-3	3000	0	1	*	bcz, bc	bcz	bcz	bcz										
	Gorleston ...	1013.1	-12	WSW	4	c	57	45	7	8	-	-	7-8	7-8	4000	1011.3	-4	SW	1	c	55	55	6	5	-	-	9+	9+	1200	0	2	*	bcz, bc	bcz	bcz	bcz												
	Mildenhall ...	1013.3	-10	WSW	2	c	55	55	8	8	-	-	7-8	7-8	3000	1011.4	-12	SWW	2	c	54	55	8	8	3	-	4-6	7-8	3000	0	*	bcz, bc	bcz	bcz	bcz													
	Cranwell ...	1013.1	-6	W	3	c	52	65	8	8	-	-	7-8	7-8	2000	1011.7	-10	SW	4	c	50	75	7	8	6	1	7-8	9+	2800	5	*	bcz, bc	bcz	bcz	bcz													
3	Birmingham ...	1013.4	-8	WSW	3	c	51	65	8	8	-	-	7-8	7-8	2500	1011.3	-6	WSW	3	c	50	65	8	8	7	6	4-6	9	2500	1	*	bcz, bc	bcz	bcz	bcz													
	Upper Heyford ...	1014.1	-10	WSW	3	c	57	45	8	7	-	-	7-8	7-8	3000	1011.3	-14	SW	4	bc	52	45	8	8	-	6	2-3	4-6	3000	1	*	bcz, bc	bcz	bcz	bcz													
4	Ross-on-Wye ...	1014.0	-8	WSW	4	c	53	55	7	7	-	-	7-8	7-8	4000	1011.7	-14	WS	3	c	52	55	8	1	4	7	Tr	9	4000	0	*	bcz, bc	bcz	bcz	bcz													
5	Hartland Point ...	1015.0	-12	WSW	3	bc	47	85	8	2	-	-	2-3	4-6	1200	1012.4	-14	WSW	3	bc	48	85	8	2	4	8	1	4-6	2000	0	3	*	bcz, bc	bcz	bcz	bcz												
	Bristol ...	1015.2	-10	W	4	bc	54	45	8	7	-	-	4-6	4-6	2800	1012.4	-10	WN	3	c	52	55	8	8	4	6	1	3	3500	0	2	*	bcz, bc	bcz	bcz	bcz												
	Portland Bill ...	1016.8	+4	SW	2	bc	49	92	8	5	-	-	4-6	4-6	4000	1013.6	-16	SW	3	c	47	92	8	5	-	-	10	10	4000	1	2	*	bcz, bc	bcz	bcz	bcz												
	Plymouth ...	1016.7	-6	SW	4	bc	52	75	8	2	3	-	2-3	2-3	2500	1014.0	-14	SSW	4	bc	48	85	8	2	-	1	Tr	4-6	2000	0	2	*	bcz, bc	bcz	bcz	bcz												
	The Lizard ...	1016.5	-8	W	3	bc	52	75	8	2	-	-	4-6	4-6	2500	1013.3	-20	SW	2	bc	50	75	8	2	3	-	2-3	4-6	2500	0	2	*	bcz, bc	bcz	bcz	bcz												
	Scilly (St. Mary's) ...	1015.3	-14	SW	2	bc	53	75	8	3	4	8	4-6	4-6	1800	1012.8	-20	SW	3	bc	49	75	8	8	4	4	1	4-6	2200	0	2	*	bcz, bc	bcz	bcz	bcz												
	Guernsey ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...													
6	Pembroke ...	1014.3	-6	SW	3	c	49	85	8	8	7	6	2-3	9	1600	1011.3	-12	SW	4	bc	47	92	8	2	4	1	2-3	4-6	3000	1	3	*	bcz, bc	bcz	bcz	bcz												
7	Holyhead ...	1011.2	-12	SSW	5	c	51	85	8	5	7	7	7-8	10	5700	1008.7	-12	SSW	5	c	47	85	7	5	7	7	2	4-6	7-8	2500	6	*	bcz, bc	bcz	bcz	bcz												
	Chester (Sealand) ...	1011.4	-10	WSW	3	c	57	65	8	2	1	6	4-6	10	2300	1010.2	-8	SW	3	c	53	55	8	5	2	7	4-6	7-8	2500	6	*	bcz, bc	bcz	bcz	bcz													
8	Manchester ...	1011.3	-10	WSW	3	pr	51	65	7	8	6	6	7-8	9+	2500	1010.0	-10	WSW	3	c	52	65	7	7	3	6	7-8	9	4000	1	*	bcz, bc	bcz	bcz	bcz													
10	Spurn Head ...	1012.0	-4	W	3	bc	50	75	6	5	-	-	7-8	10	3000	1010.3	-2	SW	4	bc	49	75	6	8	6	-	7-8	9+	2500	1	3	*	bcz, bc	bcz	bcz	bcz												
	Catterick ...	1010.5	0	W	3	pr	51	65	8	8	7	-	7-8	9+	2500	1008.7	-2	W	3	c	50	65	8	8	6	-	7-8	9	2500	0	1	*	bcz, bc	bcz	bcz	bcz												
	Tynemouth ...	1009.5	-4	WSW	5	pr	52	75	8	8	-	-	7-8	9+	2600	1008.1	-6	WSW	5	c	52	65	6	8	-	-	8	9	2400	1	2	*	bcz, bc	bcz	bcz	bcz												
11	St. Abbs Head ...	1006.1	-6	W	4	pr	49	85	8	5	2	-	7-8	10	3000	1004.3	-4	SW	5	c	51	75	8	8	7	-	4-6	9+	2500	1	3	*	bcz, bc	bcz	bcz	bcz												
	Leuchars ...	1004.5	-10	W	5	c	52	75	8	8	1	-	7-8	10	2500	1002.4	-14	WSW	5	c	52	65	7	5	4	7	4-6	10	2800	1	1	*	bcz, bc	bcz	bcz	bcz												
12	Reutrow (Abbots L.) ...	1006.1	-14	SW	4	pr	52	75	8	3	1	7-8	7-8	1500	1003.6	-16	SW	4	pr	47	92	6	5	2	-	4-6	10	1000	1	*	bcz, bc	bcz	bcz	bcz														
	Eskdalemuir ...	1007.1	-10	WSW	6	pr	45	85	6	6	-	-	10	10	800	1005.6	-4	SW	5	c	46	85	8	5	-	-	9	9	1500	1	*	bcz, bc	bcz	bcz	bcz													
	Point of Ayre ...	1003.1	-8	WS	6	bc	57	55	8	1	4	5	1	4-6	2500	1006.7	-14	SWW	4	c	52	75	8	8	4	-	4-6	7-8	1500	0	*	bcz, bc	bcz	bcz	bcz													
13A	Three ...	1002.5	-6	SW	5	pr	49	92	7	-	2	-	10	10	1500	998.8	+4	WSW	4	c	46	92	7	5	1	-	4-6	7-8	2100	0	5	*	bcz, bc	bcz	bcz	bcz												
13B	Stornoway ...	1000.4	-2	W	2	c	48	75	8	5	7	-	7-8	9+	1500	998.4	-10	SW	3	c	45	85	8	5	2	-	7-8	10	1500	1	1	*	bcz, bc	bcz	bcz	bcz												
15	Dalwhinnie ...	1003.4	-6	SW	4	pr	43	85	7	5	1	-	4-6	10	1500	1001.3	-16	SW	4	pr	41	85	7	5	1	-	4-6	10	1500	1	2	*	bcz, bc	bcz	bcz	bcz												
	Aberdeen ...	1003.3	-12	SW	3	c	50	75	7	5	1	-	7-8	10	1500	998.6	-8	SSW	2	c	46	85	8	5	7	-	4-6	9+	1500	1	3	*	bcz, bc	bcz	bcz	bcz												
	Wick ...	1000.4	-10	SW	3	pr	46	85	7	6	2	-	7-8	10	1500	998.4	0	SSW	4	c	45	85	7	8	7	-	4-6	9	800	1	*	bcz, bc	bcz	bcz	bcz													
16	Lerwick ...	998.6	-16	SW	5	pr	44	85	7	8	2	-	7-8	10	800	998.4	0	SSW	4	c	45	85	7	8	7	-	4-6	9	800	1	*	bcz, bc	bcz	bcz	bcz													
17	Blackad Point ...	1006.4	-14	SW	6	pr	52	85	7	6	-	-	10	10	1500	1004.1	-12	SSW	5	pr	49	92	7	6	-	-	10	10	1500	1	4	*	bcz, bc	bcz	bcz	bcz												
18	Malin Head ...	1004.8	-14	WS	4	c	52	75	8	8	-	-	7-8	7-8	4000	1002.0	-14	W	5	c	47	85	7	8	-	-	9	9	1500	1	4	*	bcz, bc	bcz	bcz	bcz												
	Aldergrove ...	1007.6	-18	SW	5	pr	53	65	8	2	-	7	4-6	10	2000	1005.0	-10	WSW	4	c	49	85	8	5	2	-	9	10	2000	1	*	bcz, bc	bcz	bcz	bcz													
19	Birr Castle ...	1010.3	-14	WSW	5	pr	55	65	8	8	1	-	7-8	9	1500	1007.8	-4	W	3	pr	50	85	8	8	1	-	7-8	10	1500	1	*	bcz, bc	bcz	bcz	bcz													
20	Valentia Obs. † ...	1011.5	-14	SW	5	c	54	75	8	3	4	-	7-8	9	2500	1008.6	-18	WS	5	pr	50	85	8	5	2	-	2-3	10	1500	0	4	*	bcz, bc	bcz	bcz	bcz												
	Roche's Point ...	1012.4	-14	WSW	3	c	53	75	8	3	4	-	4-6	7-																																		

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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



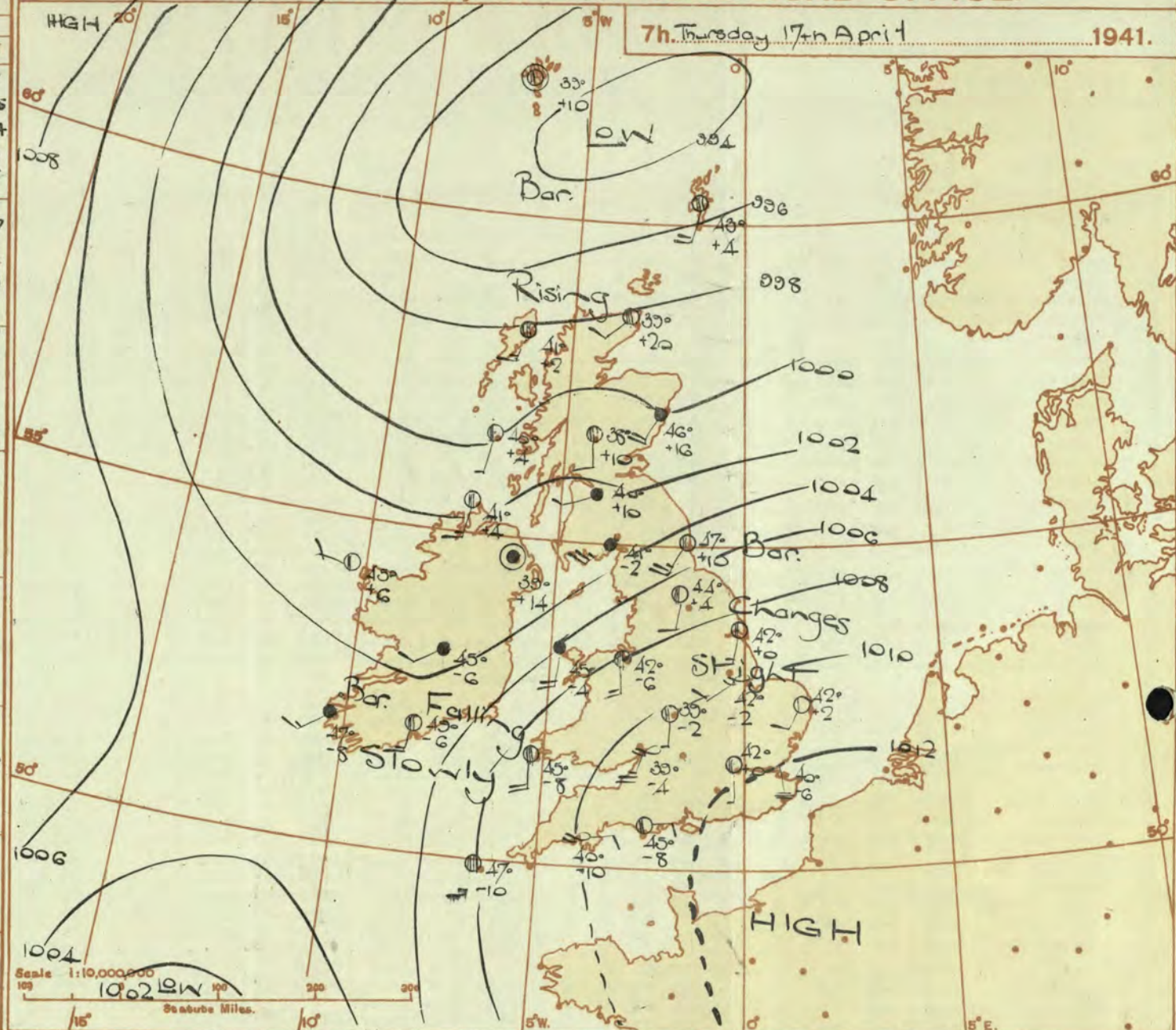
Abridged observations of additional stations in the

# AVIATION WEATHER CODE

13h. G.M.T. 16th April 18h. G.M.T.				01h. G.M.T. 17th April 07h. G.M.T.											
IIIC	C <sub>1</sub>	wwVhN <sub>1</sub>	DDFWN	C <sub>1</sub>	C <sub>2</sub>	wwVhN <sub>1</sub>	DDFWN	C <sub>1</sub>	C <sub>2</sub>	wwVhN <sub>1</sub>	DDFWN	C <sub>1</sub>	C <sub>2</sub>	wwVhN <sub>1</sub>	DDFWN
109	61	22754	20365	51		01864	16314	52	01851	16164	87	01853		24464	
115				52		62735	20488	52	62735	20468	87	81844		24488	
203								6-	62838	16468	2-	01944		20484	
206	87	81855	24388	52		62743	20488	52	61844	24365	84	01963		16264	
210	52	02855	20528	52		61953	18467	51	02963	19268	73	02953		20365	
220	52	81745	21388	53		02834	21317				85	01851		24316	
230	62	63647	21488	62		64637	53668	6-	64638	53668	83	02954		20167	
245				87		61854	20588	51	02755	52627	51	62634		18468	
260	87	02854	22585	87		81854	20487	50	61754	55464	52	62746		20268	
277															
279	8-	25754	26487	83		02855	19526				5-	64628		20568	
285	23	25746	26588	23		02746	24527				6-	61638		26568	
288	84	01864	53485	8-		02867	53427	07	02790	20315	04	02790		18317	
273											34	01752		14164	
301	10	02863	22465	24		02853	21428	51	05663	53428	57	05662		15428	
321	86	05654	24326	83		05665	19326	00	05690	20202	03	05690		18316	
299	8-	02756	24326	8-		02765	24315	00	05590	24200	50	05663		20314	
292	8-	81747	22327	5-		02857	21287	50	00751	20103					
310	--	02628	24458	--		01635	24315				--	05534		24414	
316	86	25755	22386	5-		25755	18186	00	05590	18110	03	08490		18216	
333	83	01754	20515	53		02842	20525	50	01744	22414	57	02855		16428	
334				--		02646	28517				--	02654		20217	
340	86	02255	22416	9-		10747	22327	50	05662	01661	07	05690		15315	
136	26	05665	24416	26		01753	22385	03	05690	20203	53	05663		18217	
336	24	05763	28328	52		22763	20464				54	02763		16314	
350	70	02856	26326	40		01774	20215	50	05661	20301	53	05653		17216	
368	24	01853	24414												
379	2-	02765	22216					00	05690	20200	00	05690		20215	
390				53		05673	22225	03	05590	00003	03	08490		16103	
382	83	02865	24315	47		01862	24314	00	05690	00010	00	01790		00014	
438	10	01762	24312								02	02735		16145	
430	26	01861	12413	00		00890	18301				00	05690		02126	
409	14	01852	22315	50		01863	21314	00	05690	13400	17	02841		12305	

III - Index Number of Station—See M.O. 252 or list issued on 1st of each month.  
 ww, W - Present and past weather—See M.O. 252.  
 h, N<sub>h</sub> - Height and amount of low cloud—See M.O. 252.  
 N - Total amount of cloud—See M.O. 252.  
 C<sub>1</sub> C<sub>2</sub> - Form of low and medium cloud—See page 1.  
 V - Visibility. F - Force of wind—See page 4.  
 DD - Direction of wind (8 = E, 16 = S, 24 = W, 32 = N).

## AIR MINISTRY, METEOROLOGICAL OFFICE.



### DISTRICTS.

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

1 S.E. England	Light or moderate southeast wind, freshening. Fine to-day, rain spreading northeast tomorrow; warmer.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate or fresh southeast wind becoming strong, perhaps a gale locally.
6 South Wales ...	Cloud increasing; rain later: mild.
7 North Wales ...	Moderate or fresh southwest wind, falling light, becoming east tomorrow.
8 N.W. England	Cloudy; rain in extreme northwest and north: mild.
9 N. Midlands ...	As 1-4
10 N.E. England	As 5-6
11 S.E. Scotland	Light variable wind, finally east. Dull, some rain, becoming slight and local.
12 S.W. Scotland & Isle of Man.	Rather cold.
13 { A.W. Scotld. B.N.W. Scot- land.	Light or moderate southwest to west wind becoming variable or east. Mainly fair but local showers: rather cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	As 11-12
20 S. W. Ireland	

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

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

### GENERAL INFERENCE.

A depression off North Scotland is filling up and another depression off Northwest Spain is moving northeast and deepening. There will be rain to-day along a belt from South Ireland to South Scotland including the extreme northwest of England and Wales, but elsewhere it will be fair. Rain will commence to-night in Southwest England and spread eastward and northward tomorrow. Temperature will rise over England.

### FURTHER OUTLOOK.

Unsettled with occasional rain generally.

Forecasts issued at 1030 G.M.T.

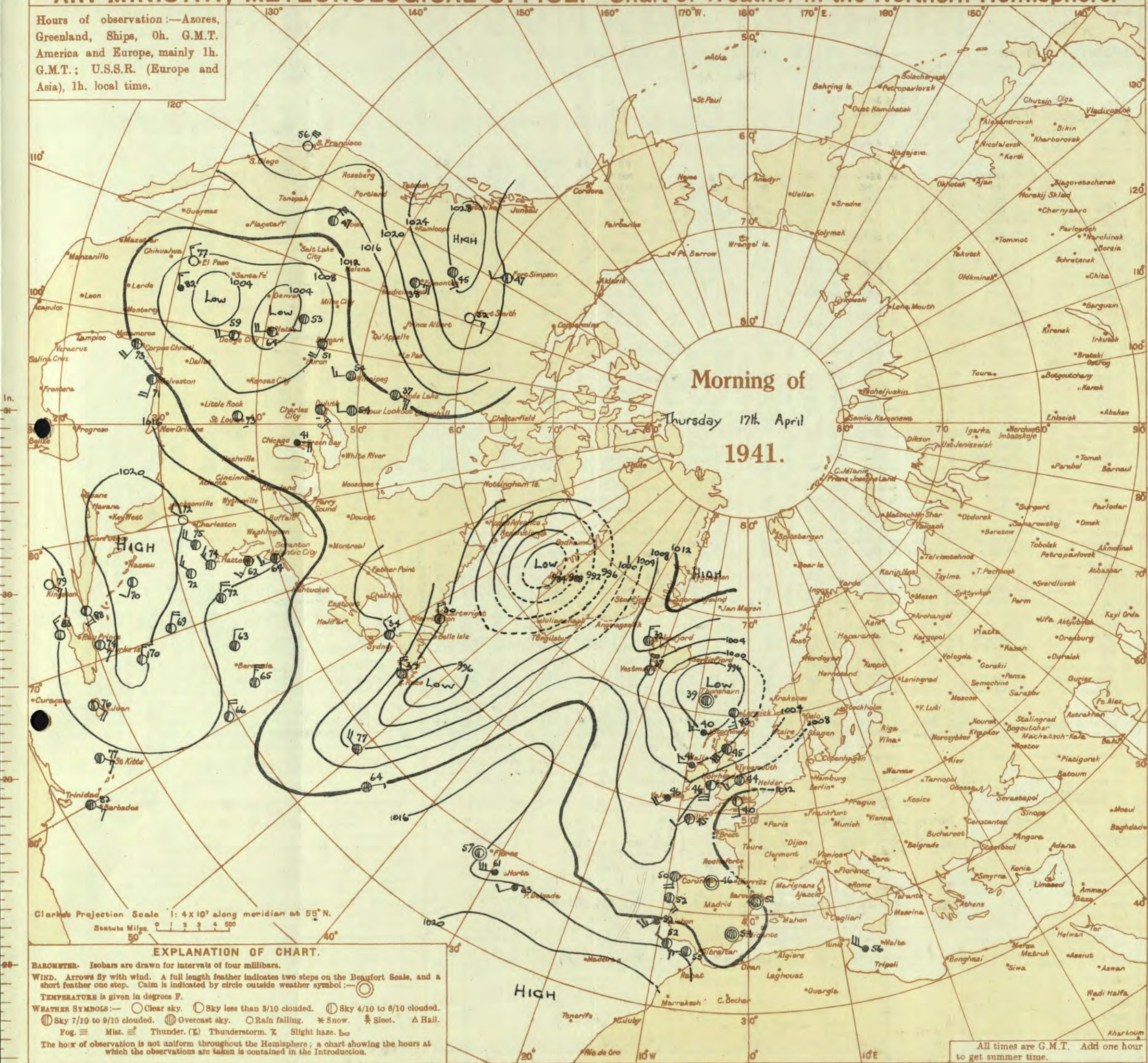
N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.

H.M.S.O. Press, Care of Housg & L.



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 17th April, 1941.

No. 29,001.

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. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. mb. (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 16th Hrs. (36)				
					Dir.	Force.					Low.	Med.	High.	Low 0-10.	Total 0-10.			Height of Base. (feet).	Dir.					Force.	Low.	Med.	High.	Low 0-10.			Total 0-10.	Height of Base. (feet).	0-9.	0-9.	Max. Day 7-18h °F. (31)		Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)	Night 18h-7h mm. (35)
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Thorney Island ... Lymington ... Manston ...	18 217 226 417 10 346 154	1012.6 1011.9 1012.8 1012.5 1014.2 1012.7	* -4 -10 -6 -8 -6 -4	* S - - N W S.E	* 2 0 0 1 1 2	b bc b b b b b	* 40 41 37 37 41 41	* 85 75 85 87 87 85	* 6 6 7 5 5 6	* - 																													



## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 18th April 1941

No. 29002

[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 200-1100 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.  
ka, storm of drifting snow.  
k/s, slight storm of drifting snow (generally low).  
k/S, heavy storm of drifting snow (generally low).  
s/k, slight storm of drifting snow (generally high).  
S/k, heavy storm of drifting snow (generally high).  
KQ, line squall. L, lightning.  
o, overcast sky. p, passing showers.

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

h(r), "hail" or "rain and hail."  
Capital letters indicate 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 "4-8" means that the cloud amount may be 4, 5 or 6; similarly for other grouped entries.

"tr" signifies a small amount of cloud (trace) covering less than 1/30 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 (Ne).  
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 :  
Stratocumulus,—Sc :      Stratus,—St :      Nimbostratus,—Ns :

COLUMN 29 —STATE OF GROUND

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

COLUMNS 11, 25.—FORM OF CIRRUS CLOUD.

**CLOUDS.**

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

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

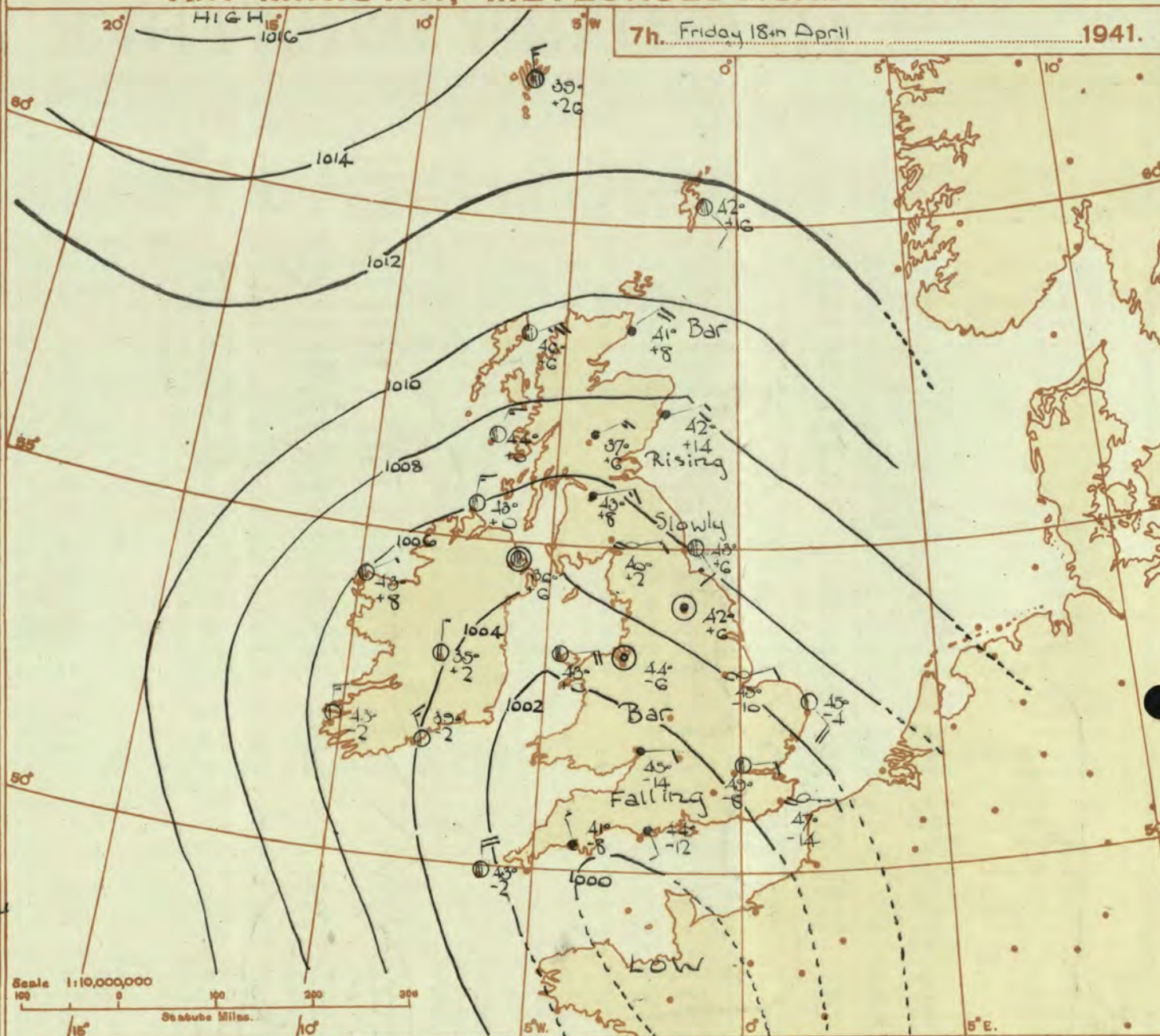
NOTE.—The accuracy of individual entries in this Report cannot be guaranteed. Corrections and additions can be obtained, if necessary, on application to the Meteorological Office, London, W.C.2.



Abridged observations of additional stations in the AVIATION WEATHER CODE															
13h. G.M.T. 14th April				18h. G.M.T.				01h. G.M.T. 18th April				07h. G.M.T.			
III C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub> C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>L</sub> C <sub>M</sub>
109 87	01853	25+14	87	01855	09186	57	02864	00015	57	20845	10227				
115 77	01844	24+85				77	01944	08215	87	02844	08426				
203 8-	01844	16+14	8-	10944	00084	8-	01954	08214	5-	02946	06426				
206 8+	02964	24+15	86	25854	20288	42	02854	00088	52	02746	08368				
210 8-	01364	30285	87	02954	08286	8-	81856	02226	52	02745	05368				
220 83	01954	23304							83	01844	08315				
230 86	02943	20+85	83	02953	20315	07	02890	00017	52	02745	08168				
245 82	81355	16+87	5-	05654	18+88	5-	61658	05108	52	22666	04368				
260			62	62735	17268	02	62558	00068	52	61653	06268				
277															
279 5-	64038	20+08	62	64737	04343	--	62548	00068	52	22645	02368				
285 6-	63638	20+08	6-	62638	20+08										
288			51	05664	18228	50	08453	00063	57	61864	12228				
273									17	01872	02103				
301 52	62655	20368	57	05654	20168	52	58546	08168	51	61446	05268				
321 11	02863	16427	57	02763	18315	01	02667	15228	51	05674	08167				
299 5-	05655	16515	5-	05647	12317	5-	05548	17428							
292 50	02753	18327	57	02652	19128	52	61654	00028	57	61654	08168				
310 --	01635	20515	--	01636	20415										
316 10	01753	18315	47	05664	18326	50	05574	12126	52	08464	02268				
333 81	22843	06443	52	62364	19568	02	64638	18368	52	61754	00068				
334 --	03643	24328	--	02645	24316				--	52538	24258				
340 21	02854	16517	81	10854	16327	61	05664	00028	52	22664	07368				
136 10	05663	13+13	46	02762	15416	02	05630	13818	00	05630	09315				
336 14	01763	16+10							62	62753	28468				
350 10	02865	-----	87	25865	14387				51	05664	04328				
368 76	02861	15215													
379 10	02754	18326	10	01852	16815	5-	05668	12128	5-	08458	08328				
390 73	02764	14316	53	05684	12327	53	08464	10328	53	05664	10226				
382 10	01834	16+14	46	02863	17316	5-	22678	08168	51	05664	06228				
438 57	02644	08327							51	05654	10328				
430 23	00962	14302				5-	05668	14228	5-	05668	08128				
409 57	02855	15+25	52	02853	15328	5-	62558	14168	52	62746	30468				

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

## AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Friday 18th April
1 S.E. England	Light or moderate easterly wind; variable cloud; bright periods in extreme East. Risk of local thundery showers: average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Light or moderate east wind; dull with slight rain at first; fair later. Average temperature.
5 S.W. England	Wind becoming generally east, light or moderate; rain to-day, mainly fair tomorrow. Cold, becoming somewhat milder.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	As 4
9 N. Midlands ...	
10 N.E. England	Light or moderate east wind. Cloudy, probable bright intervals; rather cold.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	As 4
13 { A.W. Scotld. B.N.W. Scot- land.	
14 Mid Scotland	Light or moderate east wind. Cloudy; slight rain at first, tending to improve: rather cold.
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Light or moderate north wind, veering northeast; finally variable. Cloudy; occasional rain, improving later: rather cold.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

### GENERAL INFERENCE.

A complex depression over Northwest France will move slowly eastward and begin to fill up, and a depression over the Western English Channel will probably move east-southeast slowly, and wind will be generally easterly over the British Isles. A trough over Devon, the Irish Sea, and South and East Scotland will move west. There will be rain to-day in the West and North but mainly dry weather in the Southeast, though there is a risk of thundery showers. Conditions will improve to-morrow in the North and West.

### FURTHER OUTLOOK.

Easterly winds; much cloud in northeastern districts; variable skies elsewhere. Probably local thundery rain or showers in the South.

Forecasts issued at 1030 G.M.T.

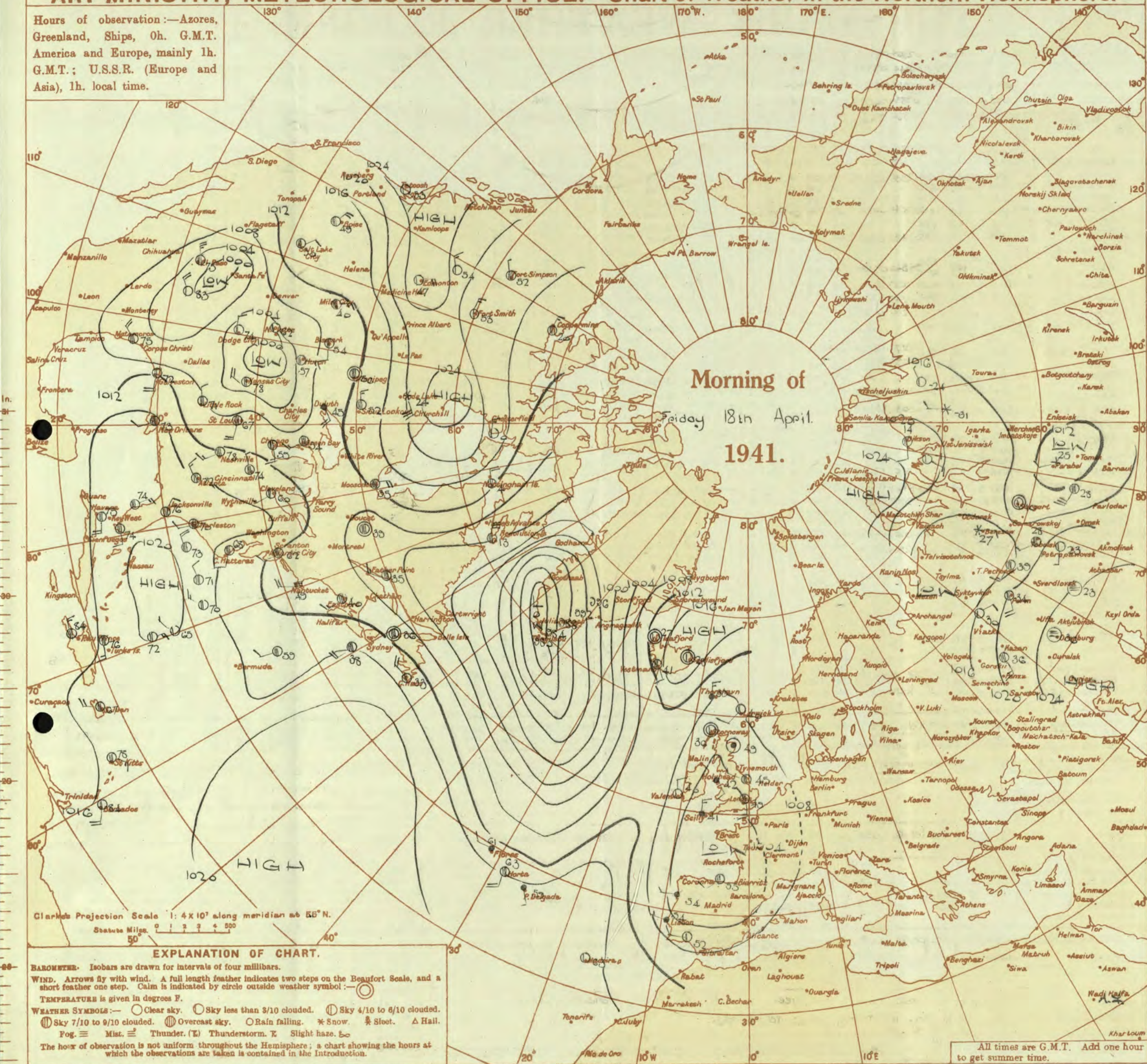
N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.

M.M.S.O. Press, Council 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 18th April, 1941  
No. 23002

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. M.S.L. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (30)	Humid. % (31)	Visibility. (32)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUN-SHINE (36)
					Dirac.	Force.					Form.	Amount.	Height of Base. (feet) (14)	Dirac.	Force.			Form.	Amount.					Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)					
																																Low.	Med.	High.	Low.	
1	London (Kew) ... 18	1004.4	-14	SE	3	*	49	55	6	*	*	10	10	3000	1001.8	-6	ENE	2	bc	49	65	4	5	-	7-8	10	2500	0	*	58	47	40	-	-	10.6	
	Croydon ... 217	1004.4	-14	SE	3	*	49	55	6	5	-	10	10	3000	1001.8	-8	E	0	bc	49	55	6	5	2	0	10	5700	0	*	59	43	44	-	-	6.9	
	S. Farnborough ... 226	1003.9	-16	ENE	1	N <sub>0</sub>	48	65	6	5	3	7-8	9	5700	1001.4	-8	E	0	N <sub>0</sub>	47	65	6	5	2	2-3	10	5700	0	*	58	46	40	-	-	5.5	
	Boscombe Down ... 417	1004.2	-20	E'N	3	N <sub>0</sub>	44	85	6	5	-	10	10	4000	1001.3	-10	E'N	3	N <sub>0</sub>	46	75	6	5	2	10	10	3500	0	*	57	43	39	-	Tr	7.6	
	Thorney Island ... 10	1003.7	-12	E'N	3	N <sub>0</sub>	49	75	6	5	-	10	10	1500	1000.9	-10	E	2	N <sub>0</sub>	48	85	6	5	2	1	10	4000	0	*	56	47	42	-	Tr	*	
	Lympe ... 346	1006.2	-18	ESE	2	N <sub>0</sub>	48	65	6	5	-	4-6	4-6	4000	1003.4	-14	E'S	2	N <sub>0</sub>	47	65	6	5	2	0	9	4000	0	*	55	44	37	-	-	0.3	
	Manston ... 154	1005.1	-18	ESE	2	N <sub>0</sub>	48	75	6	5	-	9	9	8000	1002.6	-10	ESE	2	N <sub>0</sub>	46	75	6	5	7	6	Tr	9	6000	0	*	55	44	41	-	-	*
2	Shoeburyness ... 11	1005.7	-14	ESE	4	N <sub>0</sub>	47	85	6	5	3	0	7-8	-	1003.4	-12	SE'E	2	bc	47	75	6	5	7	4	0	4-6	-	1	*	54	45	40	-	-	5.0
	Felixstowe ... 15	1005.7	-14	SE'E	3	N <sub>0</sub>	45	85	6	5	-	0	7-8	-	1004.1	-2	ESE	4	bc	46	85	6	5	7	0	10	-	1	3	52	46	41	-	-	6.2	
	Gorleston ... 5	1006.3	-14	SE'E	3	N <sub>0</sub>	48	65	7	5	-	9	9	1500	1005.4	-4	SE'E	4	bc	45	85	6	5	7	0	4-6	-	0	3	50	45	41	-	-	*	
	Mildenhall ... 19	1005.5	-10	ESE	3	N <sub>0</sub>	48	65	7	5	-	0	9	-	1003.0	-10	ESE	4	c	48	65	8	5	7	1	10	4000	0	*	59	45	40	-	-	8.9	
	Cranwell ... 240	1006.5	-2	SSE	3	N <sub>0</sub>	45	75	6	5	-	7-8	7-8	2000	1004.3	-10	ENE	2	N <sub>0</sub>	45	65	6	5	-	4-6	4-6	2000	1	*	57	41	40	-	Tr	7.7	
3	Birmingham ... 535	1004.9	-8	NE	1	N <sub>0</sub>	46	75	6	5	-	10	10	5500	1001.8	-10	ENE	1	ir	45	85	4	6	2	10	10	4500	1	*	53	43	36	-	0.1	5.5	
	Upper Heyford ... 408	1004.9	-8	NE	1	N <sub>0</sub>	46	75	6	5	-	10	10	5500	1001.8	-10	ENE	3	N <sub>0</sub>	45	75	6	5	2	2-3	10	4000	1	*	58	43	33	-	0.3	-	
4	Ross-on-Wye ... 223	1004.9	-8	NE	1	N <sub>0</sub>	46	75	6	5	-	10	10	5500	1001.4	-14	E	2	N <sub>0</sub>	45	85	6	6	2	Tr	10	2500	0	*	57	43	39	-	Tr	7.6	
5	Hartland Point ... 299	1003.4	-8	SSE	3	N <sub>0</sub>	42	97	7	6	2	7-8	10	1500	1000.7	-8	SE	2	ir	41	97	7	6	2	7-8	10	1500	1	3	52	40	40	-	5	7.2	
	Bristol ... 209	1003.8	-18	-	0	N <sub>0</sub>	43	75	6	5	2	7-8	10	4000	1000.9	-14	SSE	1	ir	43	92	5	5	7	0	10	-	1	*	57	42	35	-	1	8.1	
	Portland Bill ... 32	1003.6	-20	E	2	N <sub>0</sub>	45	92	7	5	-	10	10	2500	1000.5	-12	SE	1	ir	44	92	7	5	-	10	10	2500	1	2	54	43	-	-	9	-	
	Plymouth ... 82	1004.2	-6	SE	1	N <sub>0</sub>	43	97	5	5	2	10	10	1000	1000.8	-4	SE	1	ir	41	97	6	6	2	7-8	10	1500	1	2	55	41	40	-	9	8.4	
	The Lizard ... 240	1003.1	-16	WSW	2	N <sub>0</sub>	43	97	6	5	-	10	10	1000	1000.9	-2	NW	4	ir	42	92	8	8	2	9	10	1000	1	4	53	41	-	7	7.4		
	Scilly (St. Mary's) ... 163	1003.5	-4	N	3	N <sub>0</sub>	41	92	6	6	-	10	10	800	1002.4	-2	NW	4	c	43	85	8	8	6	4-6	7-8	1500	1	4	52	40	-	12	3.6		
	Guernsey ... 175	1003.5	-4	N	3	N <sub>0</sub>	41	92	6	6	-	10	10	800	1002.4	-2	NW	4	c	43	85	8	8	6	4-6	7-8	1500	1	4	52	40	-	12	3.6		
6	Pembroke ... 142	1003.4	-8	ESE	1	N <sub>0</sub>	42	92	7	8	2	7-8	10	1500	1002.7	0	ENE	4	ir	43	92	7	5	1	Tr	10	1500	1	3	50	40	40	3	6	0.0	
7	Holyhead ... 26	1003.5	-2	ESE	1	N <sub>0</sub>	42	92	6	5	2	9	10	800	1002.7	0	ENE	4	ir	44	92	4	5	2	4-6	10	3500	1	*	56	43	39	3	6	0.0	
8	Ochester (Sealand) ... 16	1004.5	-2	-	0	N <sub>0</sub>	44	92	6	5	-	7-8	7-8	3200	1003.0	-6	NE	0	ir	44	92	4	5	7	4-6	10	3500	1	*	56	43	39	3	6	0.0	
	Manchester ... 70	1004.8	-2	-	0	N <sub>0</sub>	44	92	6	5	-	4-6	4-6	2500	1003.7	-6	NE	2	ir	46	75	3	5	7	9	10	2500	1	*	53	41	38	Tr	0.3	2.5	
10	Spurn Head ... 29	1006.3	0	SSE	3	N <sub>0</sub>	45	85	6	5	-	7-8	7-8	2500	1005.4	-4	E'S	3	N <sub>0</sub>	45	85	6	5	1	9	9	2500	0	3	55	44	-	-	-	0.8	
	Catterick ... 175	1005.4	-2	-	0	N <sub>0</sub>	42	85	4	5	2	10	10	6500	1005.8	+6	-	0	N <sub>0</sub>	42	92	4	5	7	4-6	10	4500	0	*	52	41	34	-	Tr	0.7	
	Tynemouth ... 108	1006.1	-4	WNW	2	N <sub>0</sub>	45	85	5	5	-	9	9	2500	1006.9	+6	SE	2	c	43	97	6	5	-	9	9	2600	1	2	50	42	40	Tr	0.1	*	
11	St. Abbs Head ... 280	1005.9	+4	S	2	N <sub>0</sub>	41	97	8	5	2	10	10	1500	1006.5	+6	SE	2	ir	41	97	6	5	2	7-8	10	1500	1	2	47	41	-	2	4	*	
	Leuchars ... 36	1005.7	+10	-	0	N <sub>0</sub>	43	92	5	5	2	9	10	2200	1007.0	+12	NE	3	N <sub>0</sub>	42	97	6	5	2	9	10	700	1	*	50	41	41	0.2	4	0.8	
12	Renfrew (Abbots L.) ... 19	1004.9	+6	NE'E	1	N <sub>0</sub>	40	92	5	5	2	4-6	10	1500	1005.9	+8	E'N	3	N <sub>0</sub>	43	92	6	5	-	10	10	1500	1	*	48	39	39	2	9	0.2	
	Eekdalemuir ... 794	1004.9	+6	NE'E	1	N <sub>0</sub>	40	92	5	5	2	4-6	10	1500	1005.9	+8	E'N	3	N <sub>0</sub>	43	92	6	5	-	10	10	1500	1	*	48	39	39	2	9	0.2	
	Point of Ayre ... 30	1003.8	+8	NW'N	1	N <sub>0</sub>	41	92	7	5	2	10	10	2500	1004.1	0	ESE	1	ir	42	92	8	5	7	8	4-6	9	800	1	*	44	38	37	18	7	0.0
13A	Tiree ... 22	1005.6	+2	N	1	N <sub>0</sub>	41	92	8	5	4	2-3	2-3	3500	1005.6	0	NE'N	3	c	44	85	8	5	-	9	9	1500	0	4	50	35	*	-	-	12.2	
13B	Stornoway ... 80	1007.5	+10	N	0	N <sub>0</sub>	36	92	7	5	4	Tr	Tr	2500	1009.0	+6	NE	5	c	46	85	8	5	5	8	2-3	9	2000	1	2	47	35	*	2	-	6.1
15	Dalwhinnie ... 1176	1007.5	+10	N	0	N <sub>0</sub>	36	92	7	5	4	Tr	Tr	2500	1009.0	+6	NE	5	c	46	85	8	5	5	8	2-3	9	2000	1	2	47	35	*	2	-	6.1
	Aberdeen ... 79	1007.5	+10	N	0	N <sub>0</sub>	36	92	7	5	4	Tr	Tr	2500	1009.0	+6	NE	5	c	46	85	8	5	5	8	2-3	9	2000	1	2	47	35	*	2	-	6.1
	Wick ... 81	1006.3	+8	ENE	3	N <sub>0</sub>	42	97	8	5	1	7-8	9	2500	1009.1	+8	NE	4	ir	42	97	6	5	2	2-3	10	1500	1	2	50	40	35	0.2	1	0.0	
16	Lerwick ... 156	1009.0	+30	SW	2	bc	40	92	8	5	7	4-6	4-6	1500	1011.9	+16	SE'E	2	c	42	85	8	5	7	4-6	7-8	1500	1	*	48	39	-	Tr	-	8.8	
17	Blacksod Point ... 18	1004.6	-2	W	3	bc/pr	40	92	8	3	-	2-3	2-3	2500	1005.4	+8	NE	1	bc	43	85	8	2	-	5	2-3	2-3	2500	1	3	50	38	*	-	0.5	*
18	Malin Head ... 84	1005.0	+4	S	1	bc	38	85	8	-	3	0	2-3	-	1005.0	0	NE	3	c	43	85	8	5	-	6	4-6	7-8	5700	0	2	48	36	*	Tr	-	11.2
	Aldergrove ... 268	1004.5	+2	-	0	b	35	97	8	5	-	2-3	2-3	2500	1004.8	+6	-	0	c	36	97	7	8	7	6	2-3	9	2500	1	*	50	33	27	0.5	-	0.1
19	Birr Castle ... 173	1004.6	-2	WNW	1	bc	36	97	8	3	-	2-3	2-3	1500	1004.6	+2	N	1	bc	35	97	8	5	-	4-6	4-6	2500	1	*	46	29	26	5	0.4	0.9	
20	Valentia Obay. ... 30	1006.2	-8	N'W	1	b	40	85	8	2	-	1	1	2500	1005.0	-2	N	3	b	43	85	9	3	-	1	1	2500	1	3	50	39	32	6	1	5.9	
	Roches Point ... 22	1005.2	-4	NW	3	b	41	85	8	5	-	1	1	2500	1003.6	-2	NW	3	bc	39	92	8	5													

[illegible]

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

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

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



SECRET

Page 1.

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

BRITISH SECTION

Saturday, 19th April 1941.

No. 25003

OBSERVATIONS at 13h. G.M.T. 18th April														OBSERVATIONS at 18h. G.M.T. 18th 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.						
				Dir.	Force. 0-12 (4)					Low. (9)	Med. (10)	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height Base. (feet) (14)	Dir.					Force 0-12 (18)	Low 0-10 (23)	Med. (24)	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height Base (feet) (28)	7h.—18h. 18th....	18h.—18h. 18th....	18h.18h. to 1h.—19th. 19th....	1h.—7h. 19th....	
1	London (Kew) ...	997.6	-30	ENE	4	z	56	55	5	1	3	8	1	9+	2500	995.8	-8	ES	3	ir	45	85	5	9	7	-	7-8	3+	1500	1	*	czoy	irymro	cm, inc	com	
	Croydon ...	996.4	-34	E	3	z	59	45	6	5	2	-	Tr	10	4000	995.8	-4	ESE	3	ir	47	85	6	5	-	-	9+	3+	3000	1	*	czoy	czoy, p, r	cm, inc	com	
	S. Farnborough	997.2	-22	ESE	3	z	58	45	7	7	1	8	1	10	4000	995.6	-10	SE'E	2	rr	48	92	5	6	2	-	3	10	1100	1	*	czoy	czoy, r, r	cm, inc	com	
	Boscombe Down	997.5	-18	E'S	2	z	56	65	7	5	2	-	7-8	10	3000	996.8	-2	N'W	3	rofo	45	92	5	6	2	-	7-8	10	1400	1	*	cm	cm, r	cm, inc	com	
	Thorney Island	997.5	-18	NE	2	z	50	75	6	5	1	-	7-8	10	4000	995.9	-2	SSW	2	c	45	92	6	5	2	-	7-8	9+	2500	1	*	om	cm, r	cm, inc	com	
	Lympne	999.0	-26	E	3	z	57	55	6	-	7	-	0	9+	-	998.4	-2	S	2	c	45	97	6	8	7	-	9	3+	800	1	3	cz	cz, r, r	cm, inc	com	
	Manston	998.5	-28	E'S	4	z	53	75	6	-	1	6	0	10	-	997.8	-4	S'W	2	rofo	47	92	6	5	2	-	7-8	9+	1500	1	*	cz	cz, r, r	cm, inc	com	
2	Shoeburyness	1000.1	-6	WSW	1	bc	58	45	7	2	4	-	4-6	4-6	4000	998.0	-8	SE	3	rofo	48	85	6	5	7	-	7-8	9	2500	1	*	bz, bz	cz, r, r	cm, inc	com	
	Felixstowe	1001.2	-18	E'S	5	z	50	75	6	-	8	2	0	9	-	998.7	-2	SE'S	3	ir	47	87	5	6	2	-	3+	10	2500	1	3	cm, x	cz, r, r	cm, inc	com	
	Gorleston	1002.9	-14	E'N	4	c	47	75	6	-	7	-	0	9	-	1000.5	-20	E'N	4	bc	48	65	6	5	3	-	0	4-6	-	0	4	bccz	cbccz	cm, inc	com	
	Mildenhall	999.8	-18	E	4	c	53	55	7	5	1	6	2-3	9+	3000	997.8	-10	ESE	5	ir	55	65	6	5	7	-	7-8	10	2500	1	*	cm, y	cm, y, r	cm, inc	com	
	Cranwell	1001.3	-20	ESE	6	c	58	55	7	8	-	7	1	10	3000	1000.0	-6	E	5	z	45	75	6	5	3	-	4-6	5	3500	1	*	cm, y	cm, y, r	cm, inc	com	
3	Birmingham	999.5	-20	ENE	3	z	54	55	6	5	-	7	4-6	10	2500	997.7	0	SE	1	pr	55	45	6	6	-	-	10	10	1500	1	*	rocz	cm, r	cm, inc	com	
	Upper Heyford	997.8	-28	E	4	c	57	45	6	7	7	8	4-6	9+	3100	996.6	-6	NE	1	rr	48	85	6	5	2	-	9	10	1200	1	*	cz, ir, cz	cm, r, r	cm, inc	com	
4	Ross-on-Wye	997.5	-20	E'S	3	c	58	45	8	1	-	8	2-3	9	4000	997.6	0	NNE	2	c	48	85	8	5	2	-	9+	10	1500	1	*	cz, c	cm, y, r	cm, inc	com	
5	Hartland Point	999.4	-2	WNW	3	c	43	85	8	7	2	-	7-8	9+	1500	999.5	0	WN	3	c	44	85	8	5	-	-	7-8	7-8	1500	1	3	c	cm, r	cm, inc	com	
	Bristol ...	997.9	-18	WNW	3	c	50	85	6	9	-	-	10	10	1800	997.5	-2	WN	3	rofo	43	97	6	5	2	-	4-6	10	1400	1	3	cm, m, r	cm, r	cm, inc	com	
	Portland Bill	997.5	-20	NW	3	rr	44	92	7	5	-	-	10	10	2500	996.4	-12	W	4	rr	44	92	7	5	-	-	10	10	2500	1	3	orr	cm, r	cm, inc	com	
	Plymouth	999.1	-10	NW	3	c	46	85	8	8	-	-	10	10	1500	1000.4	+10	NW	4	c	46	75	8	8	-	-	9+	9+	1400	1	4	cm, m, pr	cm, r	cm, inc	com	
	The Lizard	1000.4	0	NW	6	bc	48	75	8	2	-	-	4-6	4-6	2500	1001.3	+6	NW	6	bc	45	65	8	2	-	-	4-6	4-6	2500	1	4	cbcc, bc	cm, r	cm, inc	com	
	St. Mary's	1001.8	-4	NNW	4	bc, pr	50	65	8	8	-	-	4-6	4-6	1500	1002.5	+4	NW	4	bc	47	75	8	8	-	-	4-6	4-6	1500	1	4	bc, b	cm, r	cm, inc	com	
	Guernsey	999.8	-4	NW	2	bc	44	85	7	8	2	-	7-8	10	2600	1000.0	0	NW	4	c	43	92	7	8	-	-	9+	9+	1200	1	2	cm, r	cm, r	cm, inc	com	
6	Pembroke	999.7	-14	NNE	4	bc	46	92	5	5	-	-	10	10	900	999.0	+8	NW	3	z	47	85	6	5	3	-	9	9+	2800	1	2	cm, r, m	cm, r	cm, inc	com	
7	Holyhead	1000.0	-14	E	4	z	57	45	6	8	1	-	2-3	10	2500	998.8	+2	NE	4	z	52	65	6	8	7	-	4-6	7-8	3500	1	*	czoy	cm, y, r	cm, inc	com	
8	Chester (Sealand)	1000.0	-14	E'S	3	z	56	45	6	7	1	-	4-6	10	3500	999.4	0	NE'E	5	pr	51	75	4	8	3	-	4-6	9+	1000	1	*	cm, r, z	cm, r	cm, inc	com	
10	Spurn Head	1002.7	-12	E'S	5	c	45	92	6	5	3	-	4-6	7-8	4000	1001.1	-12	E	5	bc	46	85	6	-	-	2	0	4-6	-	0	4	cz	cm, r	cm, inc	com	
	Catterick	1003.4	-14	E	3	z	58	35	6	8	7	-	4-6	9+	2800	1002.7	0	ENE	2	c	50	65	7	-	-	0	9+	-	-	0	3	mir, czoy	cm, r	cm, inc	com	
	Tynemouth	1006.3	-8	E	3	c	45	32	6	5	2	-	4-6	7-8	2500	1006.2	+4	SE	2	c	44	92	6	5	-	-	7-8	7-8	2500	1	3	cm, r	cm, r	cm, inc	com	
11	St. Abbs Head	1007.1	0	SE	2	c	44	57	7	5	2	-	7-8	10	2000	1006.4	-4	ESE	4	c	42	97	7	5	2	-	7-8	10	2000	0	3	cm	cm	cm, inc	com	
	Leuchars	1007.8	+2	ENE	3	z	46	85	6	2	1	-	1	10	4000	1007.0	-2	ENE	4	z	43	92	6	5	-	-	10	10	800	1	*	cm, r, m	cm, r	cm, inc	com	
12	Renfrew (Abbots L.)	1005.6	-2	ENE	3	ir	50	75	5	7	-	-	9+	10	700	1004.4	-4	E'N	4	z	45	92	6	5	-	-	0	10	-	1	*	cm, r, m	cm, r	cm, inc	com	
	Eskdalemuir	1004.3	-6	E'S	4	c	50	65	7	5	-	-	4-6	10	1500	1003.5	-6	ENE	5	c	46	75	6	5	1	-	4-6	7-8	800	1	*	cm, r, m	cm, r	cm, inc	com	
	Point of Ayre	1002.4	-12	ENE	3	c	47	85	7	-	-	7	0	10	-	1000.7	-2	NE'E	4	c	48	75	8	5	-	-	6	1	3	4000	1	3	rofo	cm	cm, inc	com
13a	Tiree	1005.4	0	NE'E	1	c	47	85	8	5	-	-	9+	9+	1800	1003.3	-8	NE'E	3	c	48	85	8	5	-	-	9	9	1800	0	3	od, c	cm	cm, inc	com	
13b	Stornoway	1009.0	-4	NE	5	c	46	85	8	5	7	7	4-6	10	2000	1007.6	-10	ENE	4	c	46	85	7	5	7	7	Tr	10	3500	1	3	c	cm	cm, inc	com	
15	Dalwhinnie	1007.7	-2	SE	3	ir	45	85	7	5	1	-	2-3	4-6	800	1009.6	+2	E	1	c	46	65	7	5	-	-	4-6	9+	2500	0	*	cm	cm	cm, inc	com	
	Aberdeen	1008.4	0	E	2	z	47	85	6	5	-	-	8	2-3	4-6	800	1009.6	+2	ESE	2	z	43	92	6	5	-	-	9+	9+	800	1	3	rofo	cm	cm, inc	com
	Wick	1010.0	0	E	2	z	45	92	6	5	1	8	4-6	7-8	1500	1010.0	+2	SE	3	c	43	92	6	5	2	-	7-8	10	1500	1	3	pr, cm	cm	cm, inc	com	
16	Lerwick	1013.1	+4	SE'S	3	c	47	85	8	5	3	-	7-8	9+	800	1013.9	+2	SSE	5	c	44	85	6	5	1	-	4-6	7-8	800	1	*	c	cm	cm, inc	com	
17	Blackod Point	1004.3	-8	NNE	4	bc	40	85	8	2	-	-	4-6	4-6	4000	1002.5	-8	NNE	3	bc	48	75	8	2	-	-	2-3	2-3	4000	0	3	bc	cm	cm, inc	com	
18	Malin Head	1003.9	-6	NNE	3	c	3																													



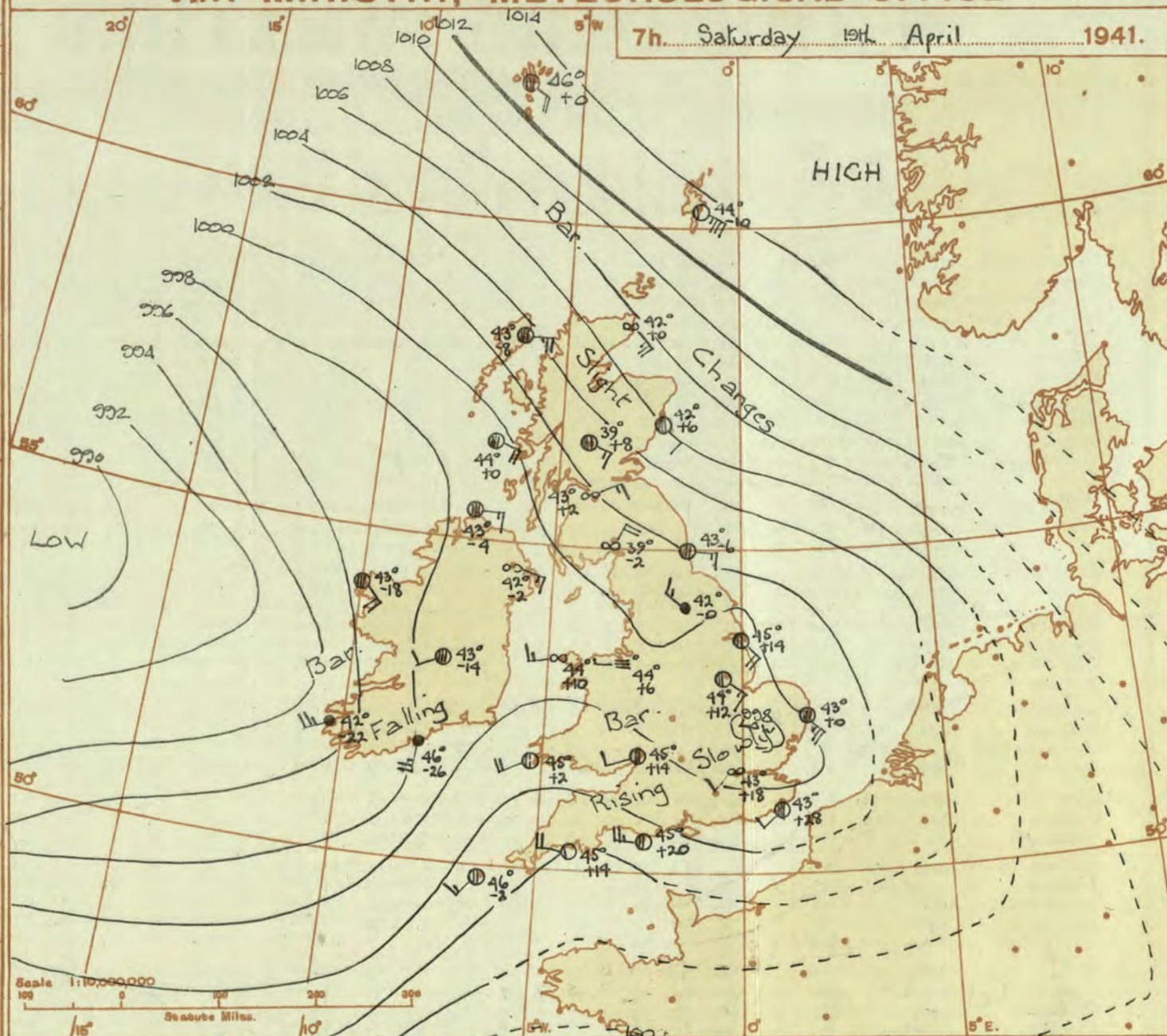
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 13th April				18h. G.M.T.				01h. G.M.T. 19th April				07h. G.M.T.			
III	C <sub>M</sub>	wwVhN	DDFWN	C <sub>M</sub>	wwVhN	DDFWN		C <sub>M</sub>	wwVhN	DDFWN		C <sub>M</sub>	wwVhN	DDFWN	
109	8-	02754	08425	5-	05645	10415		5-	01741	43615					
115	52	02834	08427	52	02734	10427	52	02844	08425	87	14844	43626			
203								5-	01844	06314	8-	02945	08425		
206	62	02735	06368	57	02761	06326	52	02752	41425	57	02854	09427			
210	57	02743	06427	57	05652	08324	57	05654	10415	5-	02855	10425			
220				53	02855	10227									
230	77	61654	08367	07	05690	08228	07	05690	08312						
245	50	05641	06468	5-	05648	06428	5-	05668	08618	53	05647	07527			
260	52	05666	04368	5-	05638	04428	5-	05654	06324	62	63644	06368			
277															
279	5-	05658	06328	07	05690	08528				5-	22668	04468			
285	5-	02747	14527												
288	77	17664	03328	50	02782	08327	00	05690	02320	57	22564	01368			
273	37	10872	26105							75	09652	09164			
301	51	05652	09468	9-	14647	45587	53	05554	08116	5-	62658	00068			
321	27	02753	12426	03	02790	40325	5-	22658	02268	62	52725	12267			
299								50	05558	08318	5-	22645	10365		
292	20	05661	08326	57	01763	41325	5-	61655	01365	52	22564	32168			
310	--	03628	04528							--	03528	04428			
316	21	02664	08328	08	05690	41484	5-	05558	02368	02	67328	20368			
333	62	62644	08468	5-	05656	28226	50	01653	00063	52	05656	18228			
334	--	30657	20328	--	02645	12316				--	03438	20328			
340	01	05690	08428					5-	05558	28228	5-	22558	28168		
136	00	02790	10528	07	01790	09415	5-	62548	11268	52	02757	07268			
336	52	03763	12428	52	03753	06428				52	03753	24428			
350	17	02761	12428	62	64644	06368				57	25546	16187			
368	62	61643	22158												
379				62	64644	12188	50	05643	00013	6-	51528	26258			
390	07	05690	06428	52	64447	06468	5-	08447	10127	57	05645	26227			
282	87	05664	08326	62	64445	32168	5-	05657	00027	5-	05548	22228			
438										5-	03738	24528			
430	57	05662	04328	8-	05635	24267	5-	21538	24158	5-	58528	24458			
409	2-	02846	30587	57	25946	26587	5-	01853	26583	54	00861	18313			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Saturday 19th April 1941.



DISTRICTS.

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

1 S.E. England	Moderate or fresh west wind, backing south later. Bright intervals, risk of local thundery showers; occasional rain later. Average temperature.
2 E. England ...	
3 E. Midlands ...	Wind variable to westerly, light or moderate, backing south and freshening. Local rain and perhaps thunder to-day: bright intervals. Occasional rain tomorrow. Average temperature.
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	As No. 1.
7 North Wales ...	Fresh south to southwest wind; occasional rain, bright intervals. Average temperature.
8 N.W. England	Wind variable, light, becoming southeast, fresh. Cloudy; occasional rain. Average temperature.
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Moderate or fresh southeast or east wind, strong later. Cloudy; occasional rain: rather cold.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scotland.	Fresh or strong southeast wind; mainly fair: rather cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	Wind south to southwest, moderate or fresh. Occasional rain; bright intervals. 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 trough of low pressure over England is moving slowly north and filling up and another trough over Southwest Ireland is moving northeast. There will be occasional rain generally, but bright intervals in the South.

FURTHER OUTLOOK.

Unsettled for a few days.

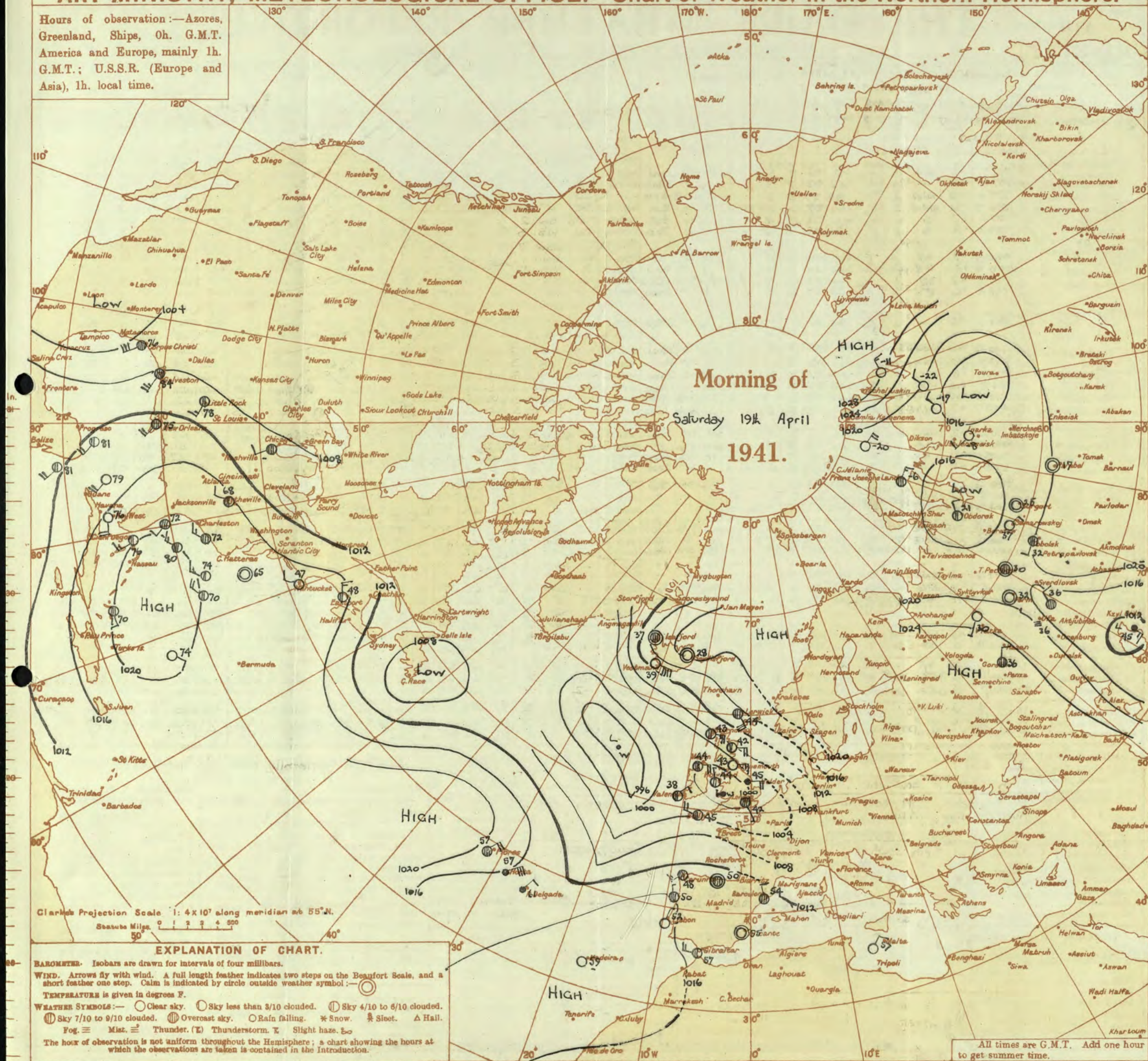
Forecasts issued at 1030 G.M.T.  
H.M.S.G. Press, Central House, S.E.1.

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. 12th April														OBSERVATIONS at 7 hr. G.M.T. 12th 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.		SUNSHINE Hrs. (36)	
					Dir.	Force. (4)					Low. (9)	Med. (10)	High. (11)	Amount. (12)	Total. (13)			Height of Base. (feet) (14)	Dir.					Force. (18)	Low. (23)	Med. (24)	High. (25)	Amount. (26)			Total. (27)	Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)		Night 18h-7h mm. (35)
1	London (Kew) ... 18	30.7	-2	SSE	1	C	42	32	7	5	-	-	2000	30.7	+22	WSW	2	C	44	32	5	-	2	-	10	10	1500	1	*	57	42	31	7	1	0.4			
	Croydon ... 217	30.7	+6	-	0	C	42	32	7	5	-	-	10	10	3500	30.7	+18	SW	2	C	43	32	5	5	-	10	10	2000	1	*	53	40	39	4	0.1	0.8		
	S. Farnborough ... 226	30.7	+6	-	0	C	42	32	7	5	-	-	10	10	3500	30.7	+18	WS	3	C	45	32	6	5	-	10	10	600	1	*	60	40	40	4	0.1	0.2		
	Boscombe Down ... 417	30.7	+10	NNW	2	C/r	42	37	5	5	-	-	2-3	2-3	1000	30.7	+26	W	4	C	44	32	6	6	2	-	10	10	800	1	*	56	40	38	3	10	0.0	
	Thorney Island ... 10	30.6	+6	WNW	2	C	44	37	6	6	2	-	9	10	800	30.6	+28	W	3	C	44	32	6	1	2	-	10	10	4000	1	*	54	43	41	2	1	*	
	Lymington ... 346	30.6	-2	S	4	C	44	32	7	8	-	-	10	10	800	30.6	+28	SW	2	C	43	32	7	5	7	-	4	4	4000	1	*	57	41	38	4	0.4	3.2	
	Manston ... 154	30.8	-8	S	4	C	43	32	5	5	-	-	10	10	700	30.8	+24	WS	3	C/r	43	37	6	5	3	2	2	3	300	1	*	55	42	39	3	0.2	*	
2	Shoeburyness ... 11	30.8	-2	SE	4	C	45	85	7	2	-	-	10	10	1500	30.8	+6	WSW	2	C	44	85	6	5	7	-	4	4	5700	1	*	(58)	43	40	3	Tr	1.9	
	Felixstowe ... 15	30.8	+2	SE	3	C/r	46	85	6	6	-	-	10	10	800	30.8	+6	SW	5	C/r	45	85	7	5	7	-	3	3	2000	1	2	52	44	39	3	3	4.0	
	Gorleston ... 5	30.7	+2	SE	2	C	44	85	6	5	-	-	7-8	7-8	3200	30.7	+6	SE	5	C/r	43	82	6	8	-	3	3	1500	1	3	48	43	39	-	5	*		
	Mildenhall ... 19	30.7	+2	SE	2	C	44	85	6	5	-	-	7-8	7-8	3200	30.7	+6	NE	2	C/r	44	87	7	5	2	-	7-8	3	1200	1	*	59	40	33	Tr	4	3.4	
	Cranwell ... 240	30.8	-6	EN	3	C	45	87	6	5	-	-	10	10	2500	30.8	+12	SE	3	C	44	85	7	3	3	3	1	2	1500	1	*	59	41	39	-	1	4.2	
3	Birmingham ... 535	30.7	+2	-	0	Z	43	32	6	-	2	-	10	10	2700	30.7	+16	W	3	C	44	37	4	-	2	-	10	10	400	1	*	57	43	35	1	3	*	
	Upper Heyford ... 408	30.7	+2	-	0	Z	43	32	6	-	2	-	10	10	2700	30.7	+16	W	3	C	44	37	4	-	2	-	10	10	400	1	*	57	43	35	1	3	*	
4	Ross-on-Wye ... 223	30.7	+2	-	0	Z	43	32	6	-	2	-	10	10	2700	30.7	+16	WSW	2	C	45	85	6	5	2	-	10	1500	1	*	58	45	43	4	2	1.7		
5	Hartland Point ... 299	30.8	+6	NNW	3	C	45	85	8	5	6	-	4	4	1500	30.8	+14	NNW	3	C	45	82	8	4	-	-	4	4	2500	1	3	45	43	40	3	-	1.4	
	Bristol ... 209	30.8	+8	NNW	4	C	43	37	5	-	2	-	10	10	800	30.8	+18	W	3	C	44	32	6	5	7	-	3	10	2500	1	*	53	43	43	1	5	0.0	
	Portland Bill ... 32	30.8	-8	W	5	C	42	32	7	5	-	-	10	10	2500	30.8	+20	W	5	C	45	32	8	5	-	-	4	4	4000	1	4	46	40	*	6	5	*	
	Plymouth ... 82	30.8	+10	NNW	4	C	45	85	6	8	-	-	10	10	1500	30.8	+14	WN	4	C	45	85	8	1	4	-	1	1	2000	1	3	49	42	36	0.6	0.3	0.3	
	The Lizard ... 240	30.8	+8	NNW	4	C	45	85	8	8	-	-	2-3	2-3	2500	30.8	+10	WSW	3	C	46	85	8	4	-	-	2	2	2500	0	2	48	43	*	0.1	Tr	3.0	
	Scilly (St. Mary's) ... 163	30.7	+2	NNW	4	C	45	85	8	8	-	-	2-3	4	1500	30.7	-2	SW	3	C	46	85	8	8	3	-	2	2	1500	1	3	51	44	*	-	-	12.0	
	Guernsey ... 175	30.8	+2	NNW	4	C	45	85	8	8	-	-	2-3	4	1500	30.8	-2	SW	3	C	46	85	8	8	3	-	2	2	1500	1	3	51	44	*	-	-	12.0	
6	Pembroke ... 142	30.8	+2	NNW	4	C	44	32	7	8	-	-	10	10	1500	30.8	+2	SW	4	C	45	37	8	7	3	-	2	2	3000	1	3	45	43	*	2	-	0.0	
7	Holyhead ... 26	30.8	-2	ESE	1	C	44	32	5	5	-	-	4	4	1500	30.8	+10	WS	3	C	44	37	5	5	-	-	3	3	600	1	2	50	41	33	4	-	0.5	
	Chester (Sealand) ... 16	30.8	-2	NNW	1	C	43	35	5	5	-	-	10	10	4000	30.8	+6	W	1	C	44	35	4	5	7	-	1	1	6000	1	*	58	42	39	0.3	Tr	1.1	
8	Manchester ... 70	30.8	-2	NE	3	C	45	85	5	5	-	-	10	10	3000	30.8	+6	WS	2	C	45	82	4	5	7	-	7-8	3	2200	1	*	58	43	38	0.1	0.4	0.0	
10	Spurn Head ... 29	30.8	-4	E	4	C	45	32	6	8	2	-	7-8	3	1500	30.8	-14	SE	4	C	45	32	7	-	8	-	0	2	3	1	4	47	43	*	-	1	6.3	
	Catterick ... 175	30.8	-12	NNW	3	C	40	32	5	-	-	-	0	0	-	30.8	0	NW	3	C	42	32	4	-	2	-	10	10	800	0	*	38	40	34	-	Tr	1.8	
	Tynemouth ... 108	30.8	-8	E	3	C	43	32	7	-	4	-	0	1	-	30.8	-6	E	3	C	43	37	6	5	-	-	3	3	2500	1	3	46	42	38	0.1	-	*	
11	St. Abbs Head ... 280	30.8	-10	ESE	4	C	41	32	7	4	4	-	4	4	2500	30.8	-2	E	3	C	41	37	7	5	7	-	7-8	10	1800	0	2	48	41	*	Tr	-	*	
	Leuchars ... 36	30.8	-14	ENE	3	C	42	35	6	5	-	-	10	10	1500	30.8	-4	ENE	3	C	42	35	6	5	7	-	7-8	10	1500	1	*	47	41	39	0.5	Tr	0.2	
12	Renfrew (Abbots I.) ... 19	30.8	-10	E	2	C	42	35	5	5	-	-	10	10	1400	30.8	-2	ENE	3	C	43	35	6	5	-	-	10	10	1500	1	*	53	41	38	0.5	-	0.3	
	Eskdalemuir ... 794	30.8	-2	ENE	5	C	43	32	7	-	-	-	0	0	-	30.8	+2	NE/N	4	C	43	32	6	5	-	-	10	10	450	1	*	51	37	36	0.6	0.2	0.5	
	Point of Ayre ... 30	30.8	-2	ENE	5	C	43	32	7	-	-	-	0	0	-	30.8	+2	EN	3	C	43	32	7	-	7	-	0	10	-	1	4	51	42	*	1	-	0.3	
13A	Tiree ... 22	30.8	-10	ENE	4	C	44	35	8	6	-	-	7-8	7-8	2100	30.8	0	ESE	4	C	44	35	8	5	-	-	7-8	7-8	2500	0	4	48	41	*	Tr	-	0.3	
13B	Stornoway ... 80	30.8	+10	E	5	C	43	35	6	5	-	-	2-3	2-3	3500	30.8	-8	E	5	C	43	35	6	5	7	-	2-3	10	3500	1	4	47	42	*	-	-	5.0	
15	Dalwhinnie ... 1176	30.8	-2	ENE	5	C	43	35	6	5	-	-	2-3	2-3	3500	30.8	+8	SE	3	C	43	35	7	5	5	-	4	4	1500	0	*	43	36	31	2	Tr	1.3	
	Aberdeen ... 79	30.8	-2	ENE	5	C	43	35	6	5	7	-	4	4	2500	30.8	+6	SE	2	C	42	35	7	5	3	-	3	3	1500	1	3	47	41	37	0.2	-	1.5	
	Wick ... 81	30.8	-6	SE	5	C	43	35	6	5	7	-	4	4	2500	30.8	+6	SE	5	C	42	32	6	5	3	8	4	4	2500	1	4	46	41	*	Tr	-	*	
16	Lerwick ... 156	30.8	0	SE	6	C	44	35	7	5	2	-	7-8	10	800	30.8	-10	ESE	7	C	44	35	8	-	-	1	0	Tr	-	1	4	48	41	*	-	-	2.3	
17	Blackrod Point ... 18	30.8	-16	SE	1	C	43	32	8	-	4	-	0	2	3	30.8	-18	SE	4	C	43	35	8	-	7	-	0	3	-	0	4	51	40	*	-	-	*	
18	Malin Head ... 84	30.8	-14	E	4	C	44																															



SECRET

Page 1.

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Sunday, 20th April, 1941.  
No. 29,004.

OBSERVATIONS at 13h. G.M.T. 19th April														OBSERVATIONS at 18h. G.M.T. 19th April														PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Distance.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Temp. °F. (6)	°C. (7)	Humid. % (8)	Visibility. 0-9 (9)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Temp. °F. (20)	°C. (21)	Humid. % (22)	Visibility. 0-9 (23)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				Dir.	Force. 0-12 (4)					Form.	Amount. Low 0-10 Total 0-10 (12) (13)	Height of Base. (feet) (14)	Form.	Amount. Low 0-10 Total 0-10 (25) (27)			Height of Base (feet) (28)	7h.—13h. 19th. (37)					13h.—18h. 19th. (38)	18h.—19th 19th. (39)	1h.—7h. 20th. (40)																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1	London (Kew) ... Croydon ... S. Farnborough Boscombe Down Thorney Island Lymington Manston	1003.8 1003.4 1004.2 1004.3 1005.9 1005.1 1003.8	+18 +18 +18 +14 +22 +22 +18	W W W SW WSW WSW WSW	4 3 5 4 5 3 3	51 50 55 53 53 49 45	65 65 55 55 65 75 92	6 5 5 8 9 8 6	8 1 1 1 1 2 7	- - - - - - -	7-8 10 2-3 4-6 2-3 7-8 7-8	9+ 3000 4400 2500 2500 500 600	1006.4 1006.1 1006.3 1006.0 1007.0 1008.1 1006.6	+20 +14 +14 +10 +6 +20 +24	SW SSW SWW SSW SSW WS SWW	4 3 4 5 3 3 4	52 52 53 49 50 50 49	65 65 65 85 75 65 75	8 7 8 8 6 8 8	8 4 7 5 5 7 2	- 4 4 2 - - -	4-6 4-6 4-6 4-6 9+ 8 7-8	9 2500 3300 1600 4000 7-8 3000	1 1 0 1 0 1 1	* * * * * \$ *	crramo crramo crramo crramo crramo crramo crramo	czoc czoc czoc czoc czoc czoc czoc	cir cd, d, om cd, d, om cd, d, om cd, d, om cd, d, om cd, d, om	cbob bcc bw bcm bcm bcm bcm																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1003.8 1001.8 1001.1 1001.7 1002.2	+28 +20 +10 +20 +14	WSW WS WS WS SSW	2 4 3 2 2	42 53 45 51 51	92 65 92 75 75	4 8 6 8 8	6 8 5 5 8	2 3 - - -	9+ 4-6 9+ 9+ 10	10 2000 1000 5600 1500	1006.6 1005.9 1004.9 1004.8 1004.3	+18 +22 +20 +20 +14	WSW WSW NNE SW SSE	2 2 3 2 3	47 48 50 49 49	92 92 75 75 85	7 5 6 5 7	4 3 8 5 5	7 3 - - 8	2 2-3 - 4-6 4-6	1 9 10 9+ 10	2500 5000 1400 1800 2500	1 1 1 1 0	* * * * *	crramo crramo crramo crramo crramo	czoc czoc czoc czoc czoc	cir cd, d, om cd, d, om cd, d, om cd, d, om	cbob bcm bcm bcm bcm																																																																																																																																																																																																																																																																																																																																																																																																																																																											
3	Birmingham	1002.3	+12	W	1	50	75	6	5	7	9+ 9	10 2500	1003.5 1004.4	+6 +12	SSW SWW	3 4	54 52	45 65	7 7	7 7	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 6	7 

## EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.



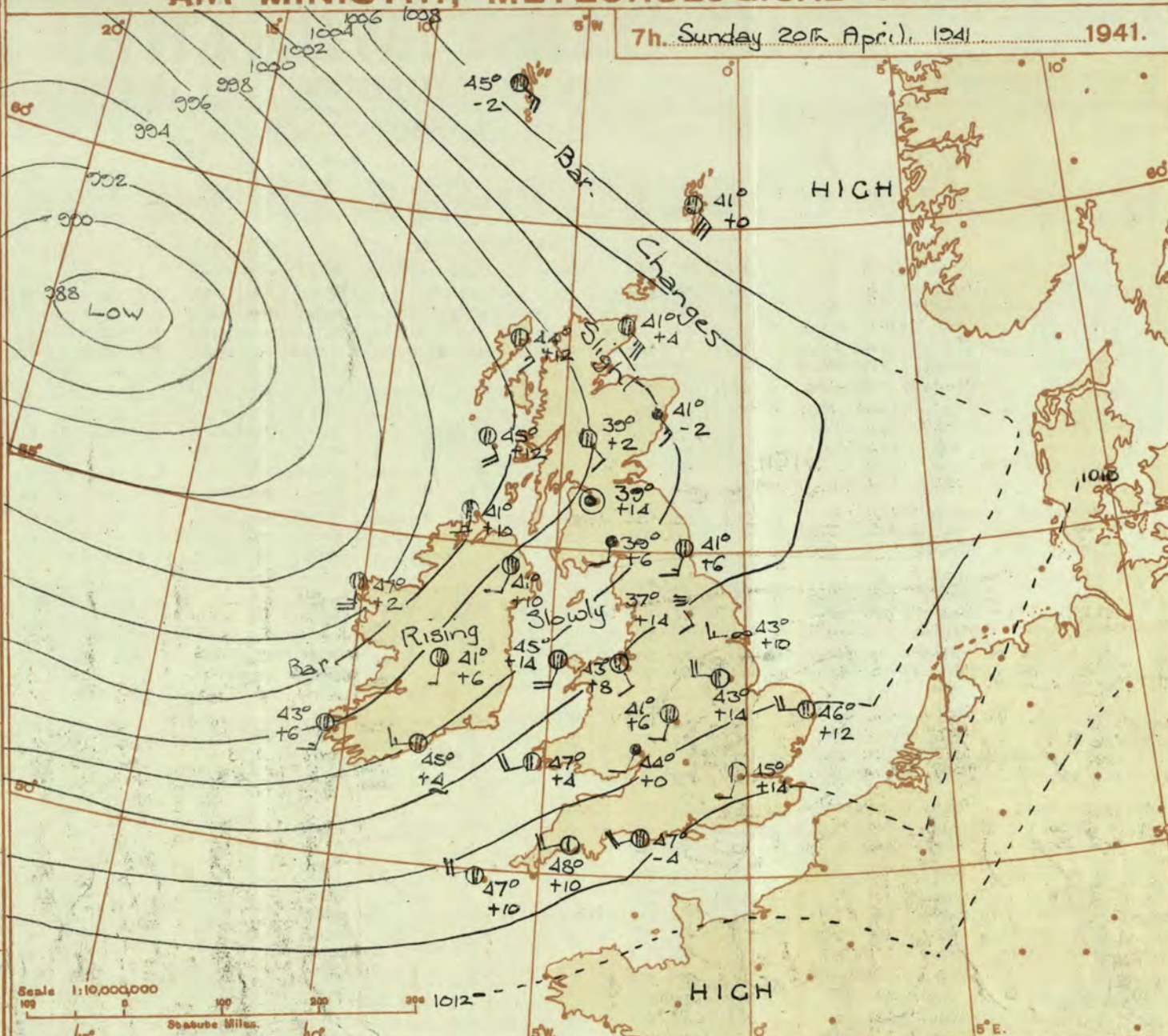
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 19th. G.M.T.	14h. G.M.T. 20th. G.M.T.	15h. G.M.T. 21st. G.M.T.	16h. G.M.T. 22nd. G.M.T.	17h. G.M.T. 23rd. G.M.T.
IIIC. C <sub>1</sub> wwVhN <sub>1</sub> DDFWN	C <sub>2</sub> C <sub>3</sub> wwVhN <sub>2</sub> DDFWN	C <sub>4</sub> C <sub>5</sub> wwVhN <sub>3</sub> DDFWN	C <sub>6</sub> C <sub>7</sub> wwVhN <sub>4</sub> DDFWN	C <sub>8</sub> C <sub>9</sub> wwVhN <sub>5</sub> DDFWN
1085-02647 42727 5-	03648 43728 5-	52648 44758 5-	03748 45558	
1187-4734 45627 52	15734 45727 52	81735 44788 52	02834 12587	
2035-02847 08527		8-81947 28267 84	01953 10414	
20851-02755 08428 57	02845 45527 57	61845 43468 53	01853 10365	
2105-02748 43528 57	61736 10568 57	61646 46667 57	22855 4267	
22052-44745 13528 62	66635 14468		80 02846 5316	
23052-61656 08268 57	22665 12368 5-	01853 12365 5-	62648 16268	
2405-61638 08468 5-	05527 10467 5-	44538 44568 5-	05638 16368	
2605-05647 08327 8-	05653 4118 50	01734 00014 53	04764 00025	
277				
27957-05666 4228 03	02790 14216 --	05644 16314 5-	81856 16326	
28520-42745 16445 8-	03578 2428			
28820-02865 2326 57	01863 13214 5-	22658 12268 03	01790 17264	
27342-02644 12468			75 01862 14303	
3015-05668 16168 52	22544 2368 00	00790 20260 20	05654 16354	
32150-02857 13227 52	02863 2227 42	58637 00668 03	05690 19316	
29957-01753 10303 50	00752 10202 5-	05648 16228 5-	08457 20257	
2928-52747 13357 5-	02858 10128 02	44658 12168 53	41554 00065	
310-46209 20349				
3103-02757 26227 07	08490 16158 50	22553 22363 04	05500 22114	
33815-01961 16414 53	01853 20465 50	01753 18513 8-	81646 16430	
334--01842 24303 --	64538 24368			
34051-05545 06267 57	22953 18368 00	00890 00060 60	02952 17216	
1368-02857 05317 8-	02864 02227 5-	22638 08268 05	01790 20482	
33611-01762 20413 52	62653 16418		52 62653 16418	
3505-61648 24268 57	02853 20327			
36816-01953 23314				
37062-37026 01754 57	02854 20527 00	05690 20300 53	02754 20315	
39062-62446 24468 53	05654 18326 5-	05648 18368 00	05690 20360	
38277-02854 24525 57	02854 20427 00	00790 23300 46	01863 18204	
43850-00751 23611			60 01723 24503	
43010-00862 22503 52	02876 16528 50	05651 24411 53	41662 00043	
40962-62627 16568 00	02890 22366 5-	01754 19424 86	00862 21483	

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Sunday 20th April, 1941.



Scale 1:10,000,000  
100 0 100 200 300 1012  
15° 10° 5° W. 5° E.

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 our Northwest coasts is stationary and another depression is advancing from mid-Atlantic. There will be bright intervals and showers today and local thunder chiefly in the Northeast. General rain will spread east tomorrow.

FURTHER OUTLOOK.

Unsettled for a few days but bright intervals.

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

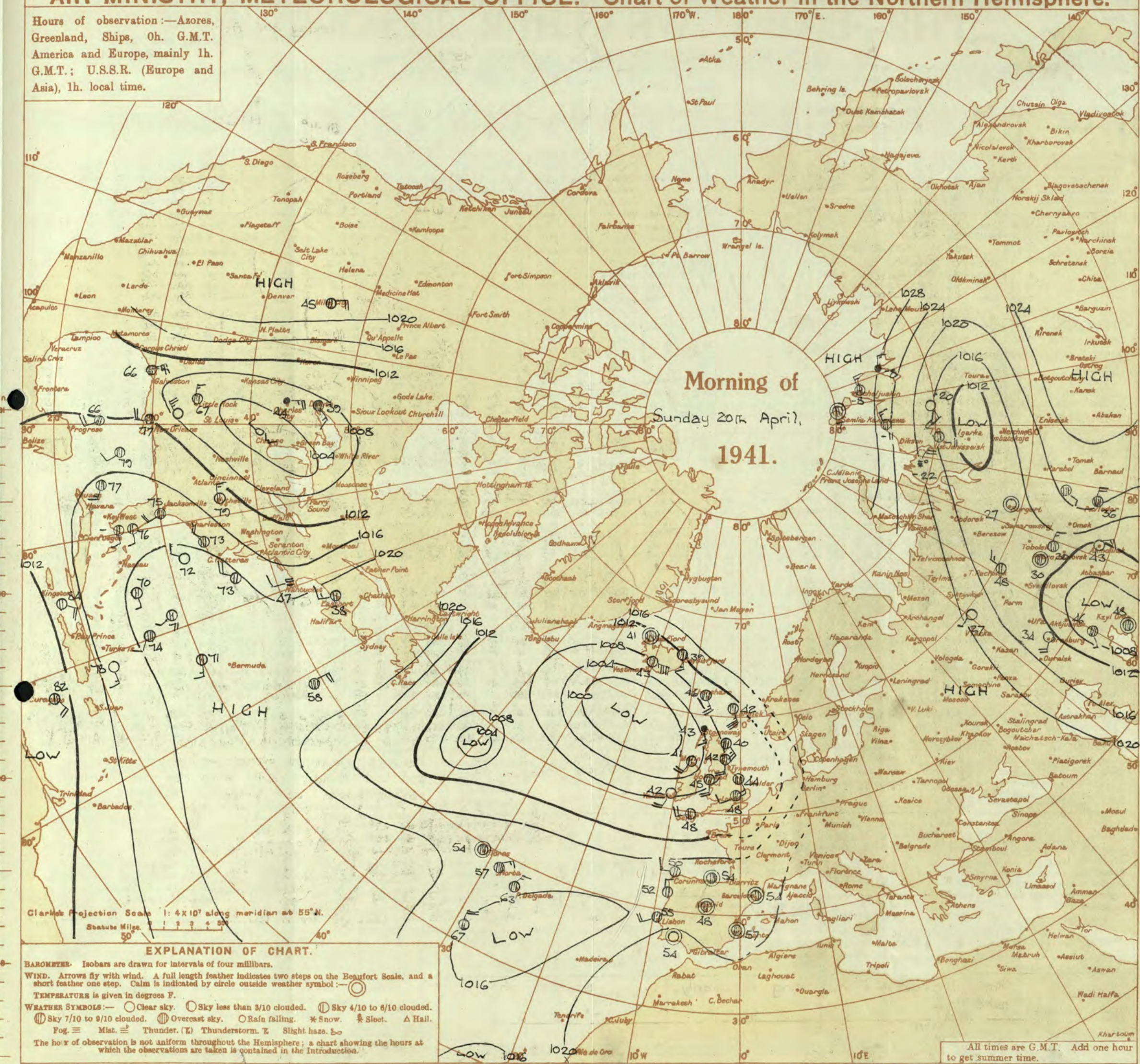
Forecasts issued at 1030 G.M.T.  
H.M.S.O. Press, Commercial House, S.E. 1.

DISTRICTS.	FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Sunday 20th April
1 S.E. England	Light or moderate southwest wind, squally at times, freshening from south tomorrow. Bright intervals and showers, probable local thunder; rain spreading east to-morrow: average temperature.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate, squally southwest wind, backing south becoming strong later. Bright intervals and showers today, with risk of local thunder; general rain to-morrow. Average temperature.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1-4.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	Light or moderate southerly wind; occasional rain or showers but bright intervals. Average temperature.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	Strong southeast wind moderating temporarily. Cloudy; occasional rain, rather odd.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	



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

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





# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

OBSERVATIONS at 1 hr. G.M.T. 20th 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. (1)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					Barom. at M.S.L. (16)	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visibility.	Cloud.					State of Ground.	Sea.	TEMPERATURE.		RAINFALL.		SUNSHINE (10th Hrs.)				
					Dir.	Force.					Low.	Med.	High.	Low.	Med.			High.	Low.					Med.	High.	Low.	Med.	High.			Max. Day 7h-18h °F.	Min. Night 18h-7h °F.	Min. on Grass °F.	Day 7h-18h mm.		Night 18h-7h mm.			
																																					0-12	0-10	0-10
1	London (Kew)	18	*	*	*	*	*	*	*	*	*	*	*	1010.2	+10	SW	3	b	45	85	8	5	-	-	Tr	Tr	1500	1	*	56	42	31	3	0.2	2.6				
	Croydon	217	1007.4	+4	SW	2	b/d	48	82	5	-	-	-	10	10	1000	1010.1	+14	SSW	2	b	45	85	7	-	4	-	0	Tr	-	1	*	57	35	37	3	0.5	3.1	
	S. Farnborough	226	1008.0	+12	W	2	b	45	85	7	-	-	3	0	0	-	1010.0	+6	SW	3	bc	45	85	8	1	3	-	0	Tr	-	1	*	58	38	31	Tr	0.5	5.1	
	Boscombe Down	417	1008.5	+22	SW	2	z	35	82	6	-	-	-	0	0	-	1008.5	+6	SE	3	z	42	87	6	5	-	-	7-8	7-8	3000	1	*	54	37	31	Tr	0.5	6.3	
	Thorney Island	10	1008.5	+12	WNW	3	z	45	82	6	-	-	2	2-3	2-3	2500	1010.7	+10	SW	2	bc	47	82	7	8	-	-	2-3	2-3	2500	1	*	53	41	34	0.5	2	*	
	Lymington	346	1008.3	-2	SSW	4	z	46	87	5	-	-	2	10	10	500	1011.5	+18	W	1	b	43	82	8	-	-	0	0	-	1	*	53	35	34	0.4	1	3.0		
	Manston	154	1007.8	-4	SW	4	z	48	82	6	-	-	7	7-8	10	800	1010.1	+22	W	2	b	46	85	7	-	-	0	0	-	1	*	53	41	35	8	0.5	*		
2	Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	1010.5	+20	WS	3	b	46	85	6	-	-	-	0	0	-	1	*	54	42	36	4	0.1	0.7				
	Felixstowe	15	1007.0	-2	SSW	4	z	48	82	6	-	-	-	10	10	1000	1009.1	+22	W	3	b	45	85	7	-	-	0	0	-	1	3	55	44	40	1	0.1	1.7		
	Gorleston	5	1007.0	-2	SW	2	z	47	83	6	-	-	-	10	10	1500	1007.8	+12	W	4	bc	46	75	7	5	-	-	2-3	2-3	2500	0	3	50	45	35	0.1	Tr	*	
	Mildenhall	19	1005.8	-2	SE	2	d	47	87	5	-	-	2	7-8	10	1500	1008.6	+18	SW	3	b	43	85	7	-	3	-	0	Tr	-	1	*	54	40	35	0.6	0.6	0.8	
	Cranwell	240	1005.4	+2	WN	5	c/r	47	87	6	-	-	2	10	10	1800	1007.7	+14	W	4	bc	43	85	7	5	4	1	1	2-3	3000	1	*	53	38	33	-	0.4	4.1	
3	Birmingham	535	*	*	*	*	*	*	*	*	*	*	*	1007.7	+6	SSW	2	c	41	87	6	5	7	-	-	7-8	10	1500	1	*	57	35	32	0.4	2	1.1			
	Upper Heyford	408	1006.5	+16	W	3	b	41	82	8	-	-	-	Tr	Tr	2500	1008.6	+6	SSW	3	z	41	87	6	5	-	-	0	0	3500	1	*	56	37	27	4	0.2	*	
4	Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1007.8	0	SSW	2	pr	44	82	7	8	-	-	3	0	0	2500	1	*	57	43	30	Tr	0.6	5.3			
5	Hartland Point	299	1006.7	+2	SW	5	bc	46	82	8	-	-	-	2-3	2-3	1500	1007.2	+10	W	4	c	45	87	8	6	4	-	4-6	7-8	1000	1	4	51	43	41	2	3	6.2	
	Bristol	209	1008.0	+14	SW	4	b	43	85	7	-	-	-	0	0	-	1008.0	+6	SSW	2	ir	45	85	8	5	-	-	0	0	1800	1	*	57	41	33	1	1	6.7	
	Portland Bill	32	1009.6	+20	W	4	bc	46	82	8	-	-	-	2-3	2-3	4000	1009.4	-4	SW	4	c	47	82	8	2	-	-	7-8	7-8	4000	1	4	51	44	*	1	3	*	
	Plymouth	82	1009.4	+6	W	5	c	47	82	6	-	-	-	7-8	7-8	3500	1009.6	+10	WSW	4	b	48	82	8	8	4	-	Tr	1	2500	1	4	52	45	36	3	Tr	5.2	
	The Lizard	240	1008.3	0	SW	5	c	48	85	7	-	-	6	7-8	7-8	2000	1009.4	+10	WSW	5	bc	48	85	8	8	6	-	4-6	4-6	2500	1	4	51	45	*	2	1	2.5	
	Scilly (St. Mary's)	163	1007.7	0	WSW	4	bc	48	85	7	-	-	-	4-6	4-6	1500	1008.5	+10	WS	4	bc	47	85	8	8	-	-	4-6	4-6	1500	1	4	52	46	*	3	1	5.0	
	Guernsey	175	*	*	*	*	*	*	*	*	*	*	*	1006.5	+4	SW	4	bc	47	82	7	3	-	-	-	4-6	4-6	2500	1	4	50	44	*	2	2	6.2			
6	Pembroke	142	1005.7	+2	SW	4	c	45	82	7	-	-	-	7-8	10	2500	1006.5	+4	SW	4	bc	47	82	7	3	-	-	4-6	4-6	2500	1	4	50	44	*	2	2	6.2	
7	Holyhead	26	1003.4	+6	S	4	c	45	82	7	-	-	-	0	0	2500	1004.6	+14	SSW	4	c	45	85	8	8	4	3	-	2-3	7-8	2200	1	3	52	42	38	1	Tr	5.4
	Chester (Sealand)	16	1005.0	+10	-	0	b	45	75	8	-	-	-	1	1	4500	1006.2	+8	SE	2	bc	43	85	8	8	4	3	-	2-3	2-3	3500	1	*	56	40	25	Tr	Tr	2.7
8	Manchester	70	1005.5	+12	SSW	3	z	41	82	6	-	-	-	0	0	-	1006.5	+14	SE	2	bc	43	85	7	5	4	-	Tr	2-3	3000	1	*	52	37	28	1	1	0.5	
10	Spurn Head	29	1005.1	-2	SE	3	o	44	82	7	-	-	-	10	10	1500	1006.5	+10	WSW	3	z	43	82	6	5	-	-	4	2-3	4-6	4000	1	3	46	41	*	Tr	0.6	10.0
	Catterick	175	1004.8	+6	SSE	3	c/r	42	87	5	-	-	-	7-8	10	2000	1006.1	+14	SE	2	bc	37	87	2	5	-	-	4-6	4-6	2500	1	*	54	36	25	Tr	0.2	3.1	
	Tynemouth	108	1004.7	+4	S	4	o/r	42	87	7	-	-	-	10	10	2500	1005.3	+6	SSW	3	bc	41	82	6	8	3	-	-	2-3	2-3	2500	1	3	47	41	38	0.1	0.3	*
11	St. Abbs Head	280	1003.5	+2	S	4	z	41	87	7	-	-	-	10	10	1500	1003.6	+2	SSW	4	bc	41	82	8	4	7	-	-	2-3	4-6	2500	1	3	44	40	*	Tr	4	*
	Leuchars	36	1002.8	-2	ESE	5	z	42	87	6	-	-	-	10	10	900	1003.3	+2	-	0	z	40	87	6	5	3	-	-	4-6	7-8	1100	1	*	44	35	36	0.2	2	0.0
12	Renfrew (Abbots L.)	19	1002.3	+6	NE	1	z	43	85	5	-	-	-	2-3	7-8	2500	1003.3	+14	-	0	z	35	87	5	7	-	-	0	0	1400	1	*	43	35	27	1	2	0.0	
	Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	1004.2	+6	S	2	z	35	87	7	6	-	-	-	10	10	800	1	*	50	37	36	0.1	5	0.6		
	Point of Ayre	30	1002.4	+10	SE	3	b	41	85	8	-	-	-	0	0	-	1003.8	+10	WSW	2	bc	43	82	8	2	-	-	4	Tr	4-6	2500	1	3	53	38	*	1	3	2.1
13A	Tiree	22	1003.0	+6	SE	3	b	41	82	8	-	-	-	10	10	2500	1000.6	+12	SE	4	bc	45	85	8	5	-	-	4-6	4-6										



SECRET

Page 1.

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

BRITISH SECTION

Monday 21st April 1941.

No. 29005

OBSERVATIONS at 13h. G.M.T. 20th April														OBSERVATIONS at 18h. G.M.T. 20th April														PAST 24 HOURS.							
DIRECTION.	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. 0-3 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. 0-3 (22)	Cloud.				State of Ground. 0-3 (29)	Sea. 0-3 (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) (27)	7h.—13h. 20th. (37)	13h.—18h. 20th. (38)			18h.—24h. 21st. (39)	1h.—7h. 21st. (40)						
1	London (Kew)...	1010.0	+4	SWW	3	pr	52	65	6	8	3	3	7-8	9	1500	1011.1	+6	WSW	3	e	51	75	7	8	-	-	7-8	7-8	2500	1	*	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Croydon ...	1010.3	+6	WSW	3	pr	52	65	7	3	6	3	7-8	9	2500	1011.4	+10	WNW	2	be/pr	51	75	6	3	6	-	4-6	4-6	2500	1	*	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	S. Farnborough	1010.7	+6	SWW	3	pr	52	85	9	8	6	-	7-8	9	1600	1011.5	+8	WSW	3	be	51	65	9	3	6	3	2-3	4-6	2000	1	*	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Boscombe Down	1010.0	+2	SW	5	c	54	65	8	8	6	3	7-8	7-8	3000	1011.7	+2	SWW	4	c/pr	49	85	8	8	-	-	7-8	7-8	3000	1	*	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Thorney Island	1011.4	+6	WSW	4	bc	55	65	8	2	6	1	4-6	2500	1012.5	+6	WSW	4	be/pr	51	65	8	6	3	1	2-3	2500	0	0	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw		
	Lymington	1012.6	+2	WSW	3	c	53	75	8	2	3	-	4-6	7-8	1500	1013.0	+4	WSW	3	be	51	65	7	3	6	3	1	2-3	2500	0	0	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Manston	1010.8	-4	SWW	5	c/pr	55	65	8	2	6	-	4-6	7-8	1400	1011.5	+8	SWW	3	be	52	65	8	3	6	3	2-3	4-6	2000	0	*	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
2	Shoeburyness ...	1010.6	-4	SSW	3	bc	57	55	8	8	7	-	2-3	4-6	5700	1011.9	+8	NW	1	pr	47	85	6	8	7	-	7-8	9	4000	1	*	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Felixstowe ...	1009.8	-2	WS	4	TLR	50	85	5	9	-	-	9+	9+	1000	1011.3	+14	WS	6	TLR	48	85	5	9	-	-	10	10	800	1	4	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Gorleston ...	1009.1	0	SSW	2	pr	51	65	7	8	-	-	7-8	7-8	2500	1010.4	+6	WN	2	c	46	85	7	8	-	-	7-8	7-8	2000	1	3	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Mildenhall ...	1009.0	+2	SWW	4	c/pr	50	85	8	2	8	3	4-6	7-8	2000	1010.3	+10	WN	3	et	53	65	8	9	6	3	4-6	9	1500	1	*	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Cranwell ...	1008.5	+4	WS	6	c	48	75	7	9	-	-	3	3	1500	1009.7	+6	W	5	be	52	55	9	3	-	1	1	2-3	3000	0	*	c	etlrcacbe	bcbmo, cpr	bccmaw
3	Birmingham	1008.3	0	WSW	3	c	51	65	8	8	-	-	4-6	7-8	2500	1009.6	+4	SW	3	bc	51	55	8	8	-	3	4-6	4-6	2500	1	*	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Upper Heyford	1008.3	+2	WSW	5	c	53	55	8	8	4	1	7-8	7-8	2500	1010.4	+14	W	2	b/cprpr	52	65	8	6	3	2-3	4-6	2500	1	*	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw	
4	Ross-on-Wye ...	1008.4	+4	SWW	5	bc	54	45	8	2	-	3	4-6	4-6	4000	1010.3	+10	WSW	4	be	53	55	7	2	-	1	2-3	2-3	4000	0	*	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
5	Hartland Point	1009.0	+6	WSW	5	bc	48	85	8	2	4	-	2-3	4-6	2500	1010.1	+4	SW	5	bc	49	92	8	5	-	-	4-6	4-6	2000	1	5	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Bristol ...	1009.6	+2	WS	4	c	53	55	9	3	6	3	7-8	7-8	2600	1011.3	+6	W	5	bc	51	65	8	8	6	-	2-3	2-3	2500	1	4	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Portland Bill	1011.8	+4	SW	4	c	48	92	8	5	4	-	4-6	10	4000	1012.3	+10	SW	4	bc	47	92	8	5	-	-	4-6	4-6	4000	1	4	c	etlrcacbe	bcbmo, cpr	bccmaw
	Plymouth	1011.1	+8	SW	4	bc	53	75	8	3	-	3	4-6	4-6	2000	1013.3	+14	WSW	5	c	51	92	8	5	3	-	4-6	7-8	2000	0	4	b/c	etlrcacbe	bcbmo, cpr	bccmaw
	The Lizard	1011.2	+8	W	5	bc	52	85	8	8	6	-	4-6	4-6	2500	1013.6	+12	WS	5	bc	51	85	8	2	-	-	2-3	2-3	2500	1	4	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Seilly (St. Mary's)	1010.5	+4	WSW	4	bc	53	75	8	8	4	-	4-6	1500	1013.5	+10	W	5	bc	52	85	7	5	4	-	4-6	4-6	1500	1	4	cprpr	etlrcacbe	bcbmo, cpr	bccmaw	
	Guernsey ...	1010.5	+4	WSW	4	bc	53	75	8	8	4	-	4-6	1500	1013.5	+10	W	5	bc	52	85	7	5	4	-	4-6	4-6	1500	1	4	cprpr	etlrcacbe	bcbmo, cpr	bccmaw	
6	Pembroke ...	1001.8	+6	SWW	4	bc	50	85	8	2	7	1	4-6	4-6	2500	1008.3	0	SWW	6	cprpr	49	92	7	8	6	-	4-6	10	2500	1	4	bc	etlrcacbe	bcbmo, cpr	bccmaw
7	Holyhead ...	1006.3	+10	SW	4	bc	53	75	8	2	-	1	2-3	2-3	2700	1007.3	+10	S	4	be	50	85	8	2	3	1	7-8	2-3	2500	1	4	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Chester (Sealand)	1006.9	0	WSW	2	cq	55	45	9	8	-	3	7-8	3	2000	1008.5	+14	SWW	3	be	54	45	8	2	6	1	2-3	2-3	2500	1	*	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
8	Manchester ...	1007.5	+6	SW	4	cq	50	65	8	3	3	4-6	3	2500	1008.6	+8	ESE	1	m	51	75	4	2	6	-	4-6	7-8	3500	1	*	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw	
10	Spurn Head ...	1007.1	+2	WSW	2	bc	57	55	7	8	6	-	2-3	4-6	4000	1008.9	+12	WSW	2	bc	51	65	7	4	4	-	4-6	4-6	4000	1	2	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Catterick ...	1006.5	+4	WS	3	c	55	35	9	2	7	-	4-6	7-8	3200	1008.2	+14	WSW	2	b	52	45	9	2	-	1	7-8	1	3200	0	0	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Tynemouth ...	1005.9	+4	WSW	2	bc	54	65	6	2	-	-	4-6	4-6	3200	1008.0	+12	SE	2	c	50	75	7	8	-	-	7-8	7-8	2800	1	3	b/cprpr	etlrcacbe	bcbmo, cpr	bccmaw
11	St. Abbs Head	1005.0	+8	SSW	3	c	51	65	9	9	7	-	4-6	7-8	3000	1007.5	+4	NE	1	c/pr	44	75	9	4	4	-	4-6	7-8	2500	1	3	bcc	etlrcacbe	bcbmo, cpr	bccmaw
	Leuchars ...	1004.9	+6	E	3	pr	48	85	8	3	6	-	7-8	9	2200	1006.7	+12	SSE	2	bc	49	75	7	8	-	-	7-8	7-8	1800	1	*	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
12	RAF Leuchars	1005.2	+6	SW	3	bc	53	45	8	2	-	1	4-6	4-6	3500	1007.0	+10	SW	2	bc	51	55	9	3	6	1	7-8	2-3	3500	1	*	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Bakdalemuir ...	1005.4	+10	SWW	4	c	45	55	8	8	-	2	4-6	7-8	1500	1007.5	+14	SW	4	be	45	65	9	8	-	1	2-3	2-3	2500	1	*	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Point of Ayre ...	1005.7	+6	SE	4	c	46	85	8	8	-	6	4-6	7-8	2500	1007.2	+6	WSW	2	c	51	65	8	4	4	1	7-8	4000	1	2	bcc	etlrcacbe	bcbmo, cpr	bccmaw	
13A	Tiree ...	1003.0	+4	SE	4	bc	49	85	8	5	-	-	4-6	4-6	2800	1004.0	+4	SE	3	d/c	47	92	8	-	2	-	9	9	1800	1	4	bc	etlrcacbe	bcbmo, cpr	bccmaw
13B	Stornoway ...	1003.8	+12	SSE	2	bc	49	75	8	2	4	5	1	2-3	3500	1005.9	+16	-	0	bc	47	85	8	5	7	3	2-3	2-3	3000	1	1	bcc	etlrcacbe	bcbmo, cpr	bccmaw
15	Dalwhinnie ...	1005.0	+16	SSW	2	0	41	85	7	5	-	-	10	10	2500	1005.9	+8	SW	2	bc	48	55	8	1	-	-	4-6	4-6	2500	0	*	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Aberdeen ...	1006.3	+8	SSE	3	z	43	97	6	6	2	-	9+	10	800	1008.4	+14	SE	2	z	42	97	6	5	-	-	10	10	800	1	3	cprpr	etlrcacbe	bcbmo, cpr	bccmaw
	Wick ...	1006.0	+4	SE	5	ir	42	97	6	5	2	-	7-8	10	800																				



Abridged observations of additional stations in the

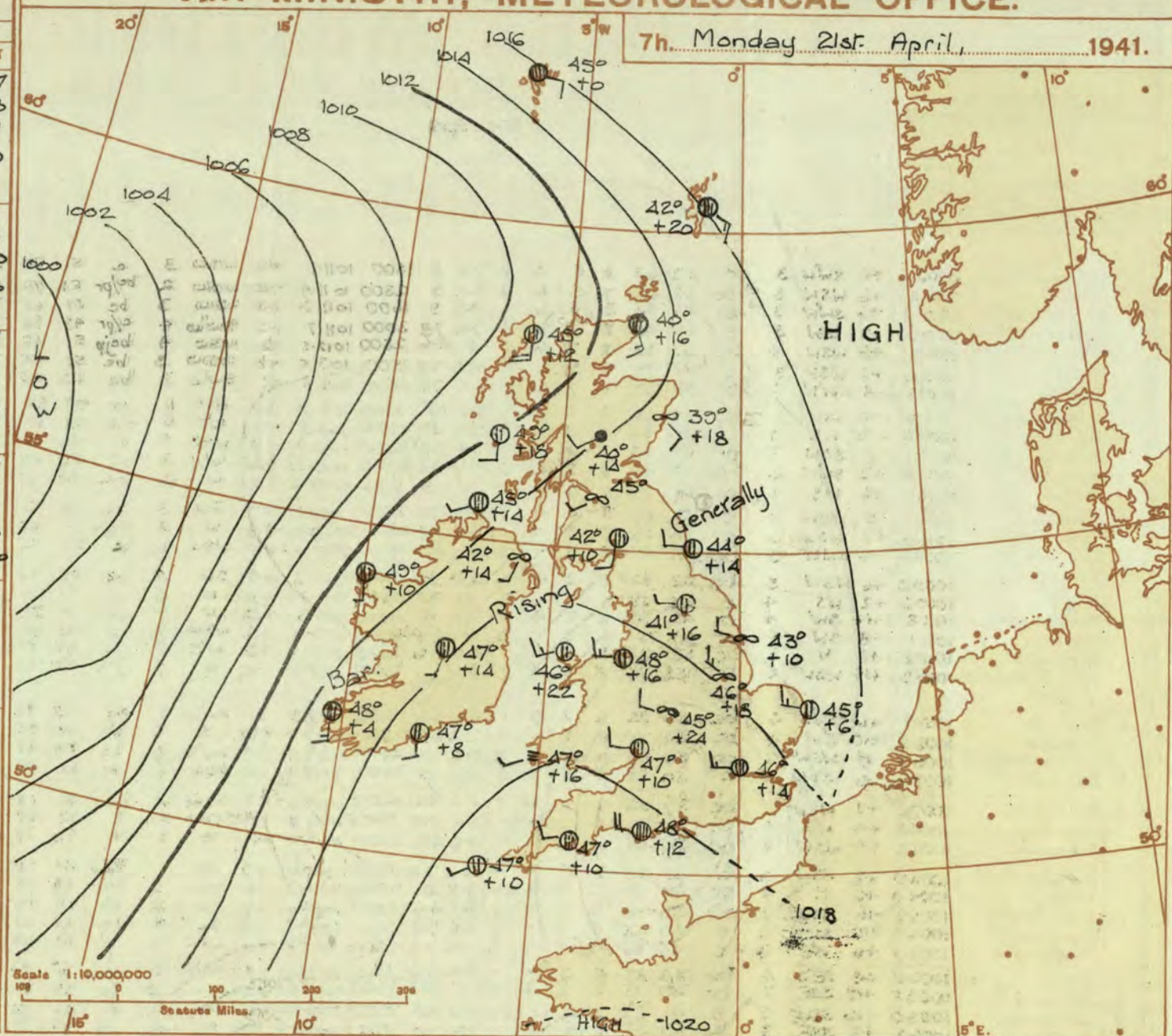
# AVIATION WEATHER CODE

13h. G.M.T. 20th April				18h. G.M.T.				01h. G.M.T. 21st April				07h. G.M.T.			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN
109	5-	03647	12528	5-	03648	12428	5-	03648	12328	5-	02647	12327			
115	73	02844	10325	52	81844	20386	87	02844	12385	51	01843	12123			
203	8-	01944	32114	84	01944	16315	5-	02947	16327	8-	81947	12427			
206	86	01854	06325	86	81655	12186	00	00820	00080	--	44309	28149			
210	83	01863	12224	56	25954	14285	50	00761	10101	50	09861	14111			
220	13	01954	05415							83	81845	15186			
230	8-	02966	00066	26	01963	18214	8-	81648	16168	8-	02748	00088			
245	86	03653	12424	36	05623	09323	--	48209	02449	--	46309	04249			
260	20	01964	26314	8-	05655	00015	00	05620	25100	5-	02766	00016			
277															
279	20	01962	22314	10	01962	20413	--	02766	00016	5-	05667	21217			
285										23	02635	28416			
288	20	01864	22314	80	01963	22323	04	00790	20103	04	00890	17213			
273										42	10654	16228			
301	36	01862	20323	86	01854	20214	50	00763	00003	00	02790	24215			
321	96	81755	24327	36	02644	25285	07	05590	22215	07	47390	26224			
299	8-	05655	09215	87	05654	20215	00	05690	20200	50	05654	28214			
292	96	81755	55515	20	00753	20213	5	08462	00002	10	05652	00012			
310										--	47209	26349			
316	36	01653	20314	36	05653	22383	50	08464	00014	5-	02556	26366			
333	20	01553	16414	02	64647	17417	50	01753	24463	50	01753	24114			
334															
340	38	02854	18395	26	01963	18483	5-	51648	16188	54	01861	24155			
136	86	25756	20487	24	01761	24394	00	05690	22201	04	05690	21113			
336										51	02763	26427			
350	20	01854	18384							5-	02848	28338			
368	86	01953	57414												
379	20	01844	22514	20	01852	22513	5-	02748	22518	50	01751	22314			
390	7-	25754	22384	92	05653	24425	50	05574	20114	53	05656	21228			
282	26	01354	24414	26	01852	22413	50	01744	21414	57	05661	24215			
438										54	01734	24415			
430	83	01753	20414	96	01844	24514	00	00790	24310	00	05690	26315			
409	20	00852	21513	53	01744	22514	50	05643	22413	5-	05627	26327			

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

## AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 21st April, 1941.



### DISTRICTS.

### FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Monday 21st April 1941

1 S.E. England	
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Light or moderate west or southwest wind; fair apart from a few local showers; average temperature.
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.	Moderate southerly winds; mainly fair at first apart from a few local showers; cloudy with occasional rain later; average temperature.
14 Mid Scotland	
15 N. E. Scotland	Light or moderate southeast to south wind; fair, apart from a few scattered showers; average temperature.
16 Orkneys and Shetlands	
17 N. W. Ireland	As 13a - 13b.
18 N. E. Ireland	As 1-12
19 S. E. Ireland	
20 S. W. Ireland	As 13a - 13b.

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 is spreading eastwards across the British Isles, and weather will be mainly fair at first, apart from a few scattered showers. A depression centred about 500 miles west of Ireland is moving little, but a trough of low pressure associated with it will cause rain to spread into western and northern districts later. Temperatures will be generally about normal.

### FURTHER OUTLOOK.

Mainly fair

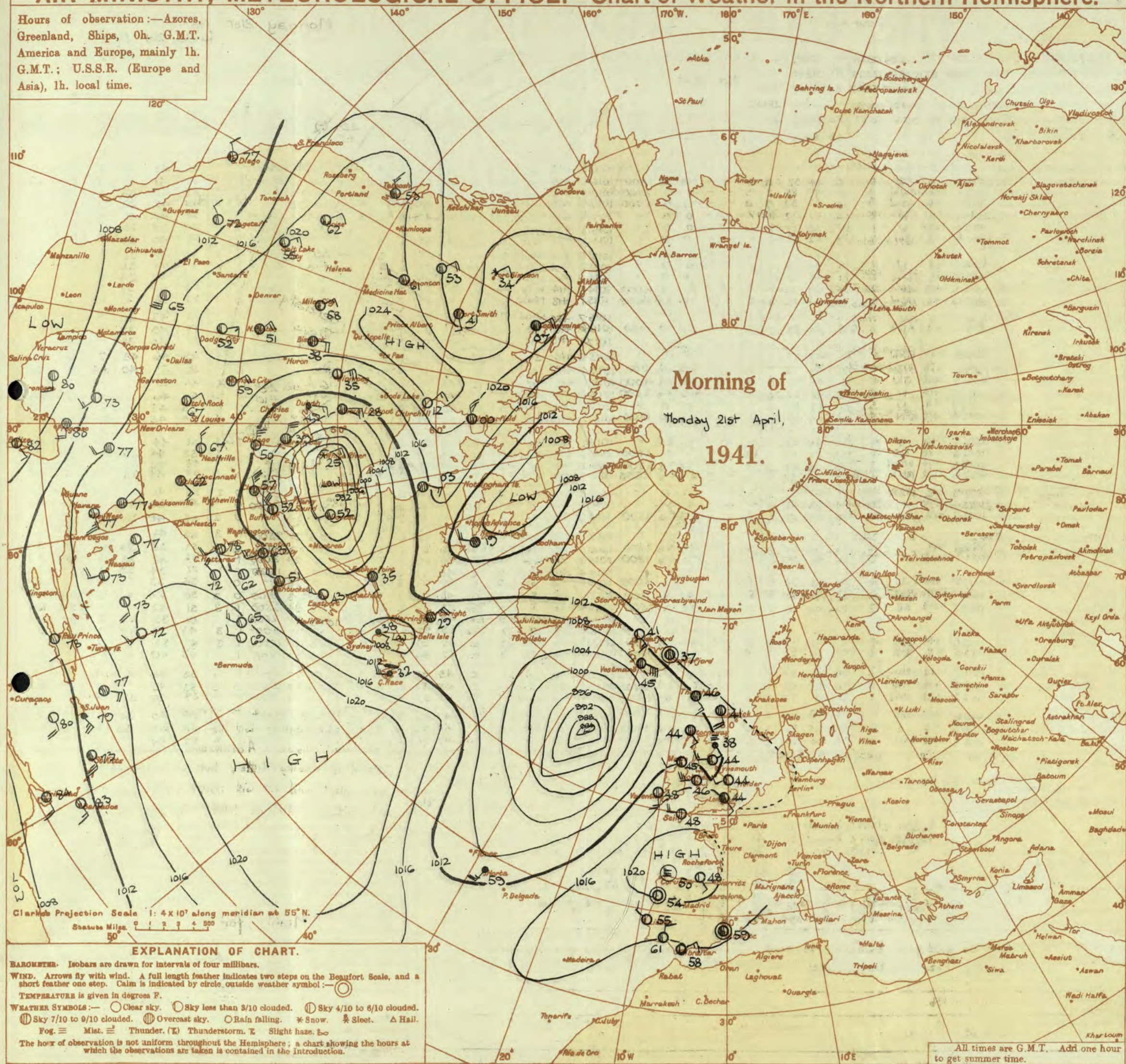
Forecasts issued at 10.30h.  
 H.M.S.O. Press, Cardwell House, S.E.1.

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  
Monday 21st April 1941.  
No. 29005

OBSERVATIONS at 1 hr. G.M.T. 21st April														OBSERVATIONS at 7 hr. G.M.T. 21st April														PAST 24 HOURS.									
DIRECTION.	STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. (1)	Change in 3 hours. (2)	Wind. (3)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud. (9-13)					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud. (23-27)					State of Ground. (29)	Sea. (30)	TEMPERATURE. (31-33)			RAINFALL. (34-35)		SUNSHINE. (36)	
					Dir. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Total 0-10 (12)	Dir. (17)			Force. (18)	Form. (23)					Amount. (24)	Height of Base. (feet) (25)	Total 0-10 (26)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)						
																																Low. (9)	Med. (10)	High (11)	Low 0-10 (12)		Med. (17)
1	London (Kew) ... 18	1014.5	+6	SE	1	z	44	92	5	-	-	7.8	7.8	1000	1016.6	+18	W	2	z	47	85	6	5	4	-	7.8	9+	2500	1	*	52	45	37	7	0.1	6.3	
	Croydon ... 217	1015.1	+10	SWW	3	c	47	85	8	-	-	9	9	2800	1016.1	+14	W	3	c	46	85	7	5	-	4	4.6	9+	3000	1	*	57	41	41	1	-	8.7	
	S. Farnborough ... 226	1015.3	+10	SSW	3	b	43	92	7	-	-	Tr	Tr	3000	1017.0	+18	W	3	c	45	85	8	-	4	6	0	7.8	-	1	*	57	43	36	1	-	2.6	
	Boscombe Down ... 417	1015.5	+10	W	2	z	47	92	6	-	-	0	0	-	1017.6	+14	W	3	z	45	92	6	-	4	6	0	7.8	-	1	*	55	42	38	3	0.1	4.8	
	Thorney Island ... 10	1015.5	+10	W	2	z	47	92	6	-	-	0	0	-	1017.4	+12	WNW	3	z	47	92	6	5	3	6	Tr	7.8	4000	1	*	56	45	41	-	-	*	
	Lymington ... 348	1016.1	+10	W	1	b	39	97	7	-	-	0	0	-	1016.8	+6	W	2	c	45	92	7	5	-	2	7.8	3	2000	1	*	54	38	29	-	-	10.4	
	Manston ... 154	1014.8	+6	SW	2	z	42	92	6	-	-	0	0	-	1015.5	+10	WS	3	z	46	85	6	8	6	-	2.3	9	3000	0	*	56	40	36	Tr	-	*	
2	Shoeburyness ... 11	1013.7	+8	W	2	m	44	92	4	-	-	0	0	-	1016.0	+10	WSW	3	c	47	85	6	5	7	-	7.8	9+	4000	1	*	59	42	38	3	3	8.3	
	Felixstowe ... 15	1013.0	+6	SWW	2	b	44	85	7	-	-	0	0	-	1015.3	+14	WSW	1	z	45	92	6	5	-	-	9+	9+	4000	1	2	57	42	36	3	0.3	8.7	
	Gorleston ... 5	1013.3	+10	SW'S	2	b	44	85	7	-	-	Tr	Tr	4000	1014.2	+6	WN	3	bc	45	85	7	-	4	-	0	2.3	-	1	*	57	40	34	4	-	*	
	Mildenhall ... 19	1013.3	+10	SW'S	2	b	44	85	7	-	-	Tr	Tr	4000	1014.8	+14	WN	2	z	47	92	6	5	7	-	4.6	7.8	2000	1	*	58	40	35	2	0.1	10.0	
	Cranwell ... 240	1012.6	+6	WSW	3	z	42	85	6	-	-	4.6	4.6	4000	1015.1	+18	WNW	3	z	46	85	5	5	3	1	4.6	9	4600	0	*	54	38	27	0.1	-	8.5	
3	Birmingham ... 535	1013.1	+2	SW'S	3	c	46	92	7	-	-	10	10	1400	1016.7	+24	WNW	2	z	45	92	5	-	-	6	0	7.8	-	1	*	53	43	40	3	2	5.5	
	Upper Heyford ... 408														1016.6	+16	W'S	2	c	46	85	7	5	4	9	4.6	9	400	1	*	58	43	35	4	0.1	*	
4	Ross-on-Wye ... 223														1017.1	+10	W	2	c	47	75	8	4	5	6	Tr	7.8	2500	1	*	57	44	38	-	Tr	8.0	
5	Hartland Point ... 299	1016.0	+22	WNW	5	b	47	97	7	-	-	0	0	-	1018.0	+14	SW	3	c	47	97	5	5	-	-	7.8	7.8	4000	1	4	49	46	43	7	Tr	9.8	
	Bristol ... 209	1015.2	+14	WSW	4	bc	46	92	7	-	-	2.3	2.3	900	1018.0	+18	W	2	c	47	85	6	-	4	6	0	9	-	1	*	56	43	40	0.4	Tr	9.3	
	Portland Bill ... 32	1016.2	+14	SW	4	c	48	92	8	-	-	7.8	7.8	4000	1018.1	+12	W	4	c	48	92	8	5	-	-	10	10	4000	1	4	48	45	-	-	Tr	9.4	
	Plymouth ... 82	1017.5	+14	W	4	bc	48	92	6	-	-	4.6	4.6	2000	1019.0	+10	WSW	2	c	47	97	6	5	3	8	4.6	7.8	2500	0	2	54	46	-	-	Tr	9.4	
	The Lizard ... 240	1017.2	+8	W	5	b	47	97	8	-	-	0	0	-	1018.8	+12	W	3	bc	46	97	8	4	-	-	2.3	2.3	2500	0	2	53	45	-	-	Tr	9.5	
	Scilly (St. Mary's) ... 163	1017.4	+12	WN	4	bc	48	97	7	-	-	4.6	4.6	1500	1018.7	+10	SW	1	bc	47	97	7	5	3	-	4.6	4.6	1800	1	4	54	45	-	-	Tr	9.5	
	Guernsey ... 175																																				
6	Pembroke ... 142	1015.5	+16	W	4	bc	46	97	7	-	-	0	2.3	-	1017.4	+16	SW	1	oif	47	97	5	5	-	-	10	10	2000	1	3	51	44	-	Tr	-	8.5	
7	Holyhead ... 26	1012.8	+28	WS	5	bc	46	92	8	-	-	1	1	5000	1016.3	+22	SWW	3	bc	46	97	7	5	4	2	1	4.6	1000	1	3	53	44	36	-	0.2	11.1	
	Chester (Sealand) ... 16	1012.5	+22	WNW	2	bc	46	92	6	-	-	7.8	7.8	2800	1016.0	+16	W	3	bc	48	75	8	-	4	9	0	4.6	-	1	*	58	43	35	0.1	0.6	10.1	
8	Manchester ... 70	1012.6	+12	NNE	1	bc	43	92	3	-	-	4.6	4.6	2500	1016.0	+16	WN	1	z	45	87	6	-	-	-	10	10	2000	1	*	54	43	28	0.2	1	7.7	
10	Spurn Head ... 29	1012.2	+8	WSW	2	b	44	85	6	-	-	0	0	-	1014.2	+10	WNW	2	z	43	92	5	5	-	-	9+	9+	2500	0	2	58	41	-	0.1	Tr	8.5	
	Catterick ... 175	1012.6	+16	-	0	bc	38	85	7	-	-	0	4.6	-	1015.2	+16	W	1	bc	41	85	7	2	-	-	2.3	2.3	3500	0	*	57	33	25	-	Tr	11.1	
	Tynemouth ... 108	1012.2	+12	W	3	bc	44	85	7	-	-	2.3	4.6	2500	1014.6	+14	W	2	bc	44	85	6	-	3	-	0	2.3	-	0	2	55	40	36	-	-	*	
11	St. Abbs Head ... 280	1010.8	+18	-	0	z	39	97	6	-	-	4.6	4.6	3500	1014.1	+22	NW	1	c	42	85	8	4	5	-	7.8	9+	2500	1	3	52	41	-	4	-	*	
	Leuchars ... 36	1011.2	+18	-	0	z	45	85	5	-	-	Tr	4.6	1500	1014.1	+16	NNE	1	z	39	97	5	5	-	-	10	10	400	1	*	52	36	34	0.1	-	3.7	
12	Renfrew (Abbots I.) ... 19	1011.2	+18	-	0	z	45	85	5	-	-	Tr	4.6	1500	1014.3	+22	SW	1	z	43	92	6	7	3	-	9	9+	3000	1	*	55	42	33	2	0.2	8.2	
	Eskdalemuir ... 794														1014.4	+10	SW	2	c	42	92	6	5	-	-	9	9	1500	1	2	51	34	29	1	-	7.5	
	Point of Ayre ... 30	1011.2	+14	W	4	b	44	92	8	-	-	1	1	4000	1015.1	+20	W	2	c	46	92	8	2	3	5	0	7.8	-	0	2	54	39	-	-	Tr	8.4	
13A	Tiree ... 22	1008.1	+16	SSE	3	c	47	85	8	-	-	9+	9+	2100	1012.0	+18	S	2	bc	49	85	7	5	3	-	2.3	2.3	2800	0	3	50	44	-	Tr	0.1	10.1	
13B	Stornoway ... 80	1003.1	+12	SE	2	c	44	92	7	-	-	7.8	9	2500	1011.3	+12	S	4	pr	45	92	8	5	7	-	7.8	9+	2500	1	3	51	42	-	-	0.2	10.1	
15	Dalwhinnie ... 1176														1013.0	+14	SW	2	pr	40	92	8	5	5	-	7.8	9+	2500	1	*	48	32	23	2	0.1	6.4	
	Aberdeen ... 79														1014.5	+18	SE	2	z	39	97	6	5	-	-	10	10	800	1	3	43	38	37	1	-	0.1	
	Wick ... 81	1010.6	+14	SSE	4	c	41	92	6	-	-	4.6	7.8	800	1013.3	+16	SSE	3	c	40	92	7	5	2	-	7.8	10	1500	1	3	42	39	-	-	Tr	-	
16	Lerwick ... 156	1013.5	+8	SSE	4	c	41	92	7	-	-	7.8	10	800	1016.4	+20	SE	3	c	42	85	7	5	2	-	7.8	9+	800	1	*	45	40	-	0.2	1	0.0	
17	Blacksod Point ... 18	1011.2	+12	SSW	2	bc	48	97	8																												



### EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

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



Abridged observations of additional stations in the

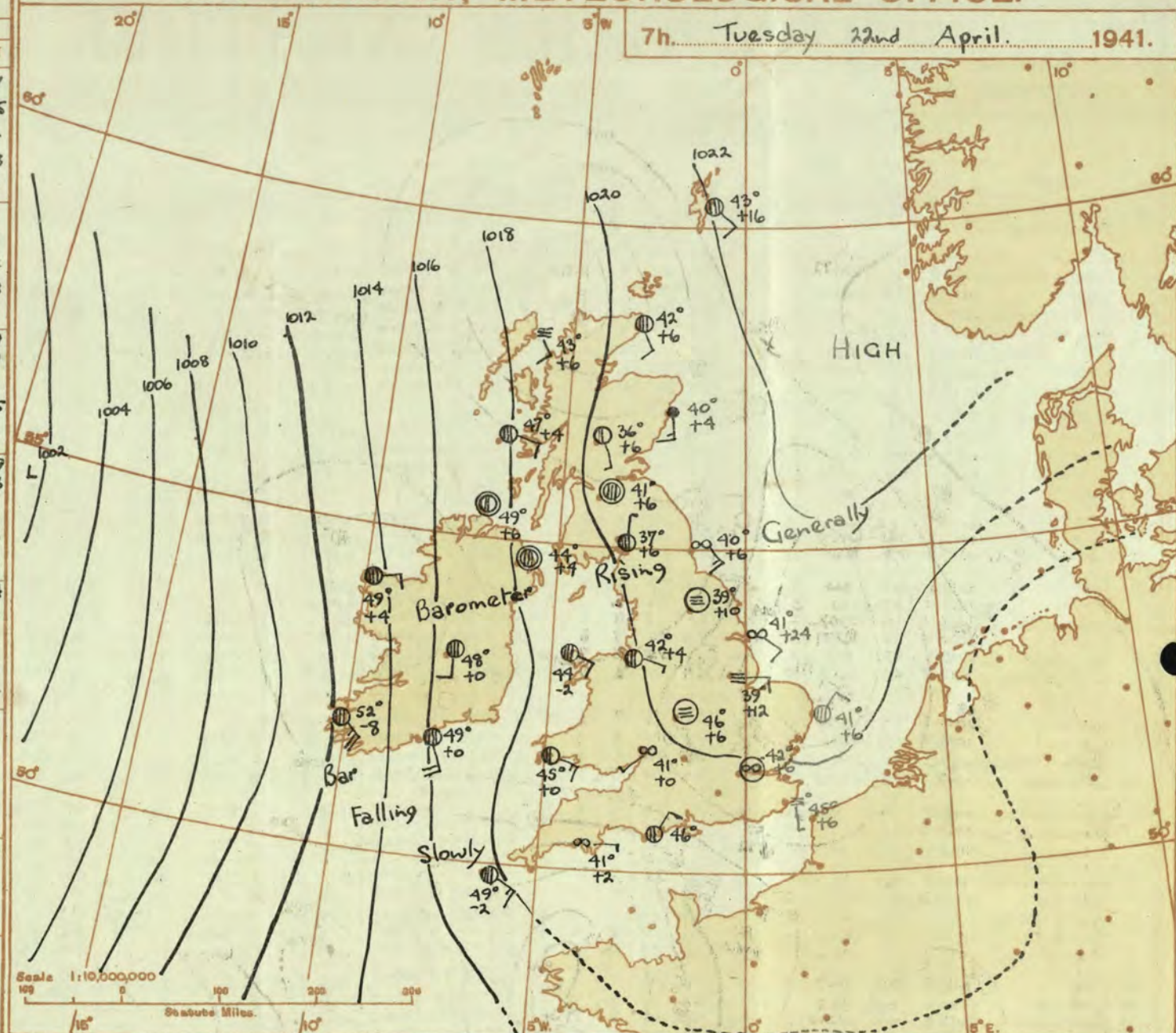
# AVIATION WEATHER CODE

13h. G.M.T. 21st April 1941				18h. G.M.T.				01h. G.M.T. 22nd April 1941				07h. G.M.T.			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN
109	5-	03758	14328	5-	02754	09224	5-	02757	10127	5-	02767	09127			
115	53	02844	12225	74	01843	10324	51	01843	12314	52	09734	08425			
203	84	01942	16314	2-	01953	16213	5-	00961	16111	1-	00962	00012			
206	84	02864	18214	86	01864	06284	--	48309	06189	5-	02758	26248			
210	83	00863	06214	84	01863	06314	5-	09454	24314	5-	05637	24327			
220	13	01553	22304	57	01854	20215				53	01853	17314			
230				86	01853	20384	57	01864	00014	53	01862	00015			
245	5-	05628	12248	5-	22648	09268	5-	08438	10228	5-	61538	14258			
260	5-	25764	00084	96	05654	00087	--	44109	04149	5-	21528	08158			
277															
279	27	02863	23216	53	09603	20327	--	05562	00012	--	46109	06349			
285	20	01844	26414	23	01844	30415				5-	49337	08347			
288	3-	17666	30216	87	41465	04286	--	46209	00049	--	44209	16149			
273															
301	50	02723	26326	53	01774	28214	50	05663	00013	03	41490	10145			
321	83	05664	26325	83	25754	02285	--	48109	00049	--	44209	12249			
299	76	50752	04202	--	46009	08349	--	46009	04449	5-	05548	08228			
292	73	02065	28115	57	02764	25226	5-	08417	08187	5-	52418	14158			
310	--	01635	26315							--	04533	08313			
316	20	05647	32127	26	01662	24213	03	08490	00012	--	43109	04349			
333	20	01853	26325	40	04444	18244	--	48209	00049	57	01963	00044			
334	--	02646	28316	--	02645	28215				--	02643	28213			
340	26	02065	24526	83	02864	30324	50	05632	00012	50	08463	00013			
136	10	05663	29217	05	05690	10217	50	05563	05283	5-	41528	06248			
386	51	02763	28325	14	01763	26314				54	01762	26314			
350				10	05661	24111									
368	24	01853	25324												
379	10	02753	26316	40	01854	24214	00	05590	22100	--	05590	02101			
390	8-	02755	24466	00	00790	25310	00	05590	00000	00	48109	10149			
382	10	02864	28327	7-	02865	28225	00	05690	00000	50	05521	26101			
438	20	01764								50	01763	02213			
430	10	01854	24214	76	00852	22313	00	05590	00000	00	05690	20101			
409	73	05852	21326	7-	02877	24227				53	05612	11356			

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

## AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Tuesday 22nd April. 1941.



### DISTRICTS.

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

1 S.E. England	Light or moderate easterly wind; dull today on coast but bright periods inland; generally cloudy tonight; cool on coast, average temperature inland.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Light S.E. wind; fair, bright periods during the day, local fog night and early morning; average temperature.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	Light S.E. wind; cloudy, some light rain or drizzle; rather cool.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scot- land.	As 4-9.
14 Mid Scotland	
15 N.E. Scotland	Light S. wind; cloudy; occasional slight showers; average temperature.
16 Orkneys and Shetlands	
17 N.W. Ireland	Moderate S. to S.E. wind; cloudy; occasional slight rain; average temperature.
18 N.E. Ireland	
19 S.E. Ireland	As 4-9.
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 North Scandinavia and relatively low over the Atlantic. A ridge of high pressure covers Great Britain. Weather will be mainly dry, and there will be considerable bright intervals in most districts, but it will be dull and cool near the East Coast. Temperature will be about average in most areas.

### FURTHER OUTLOOK.

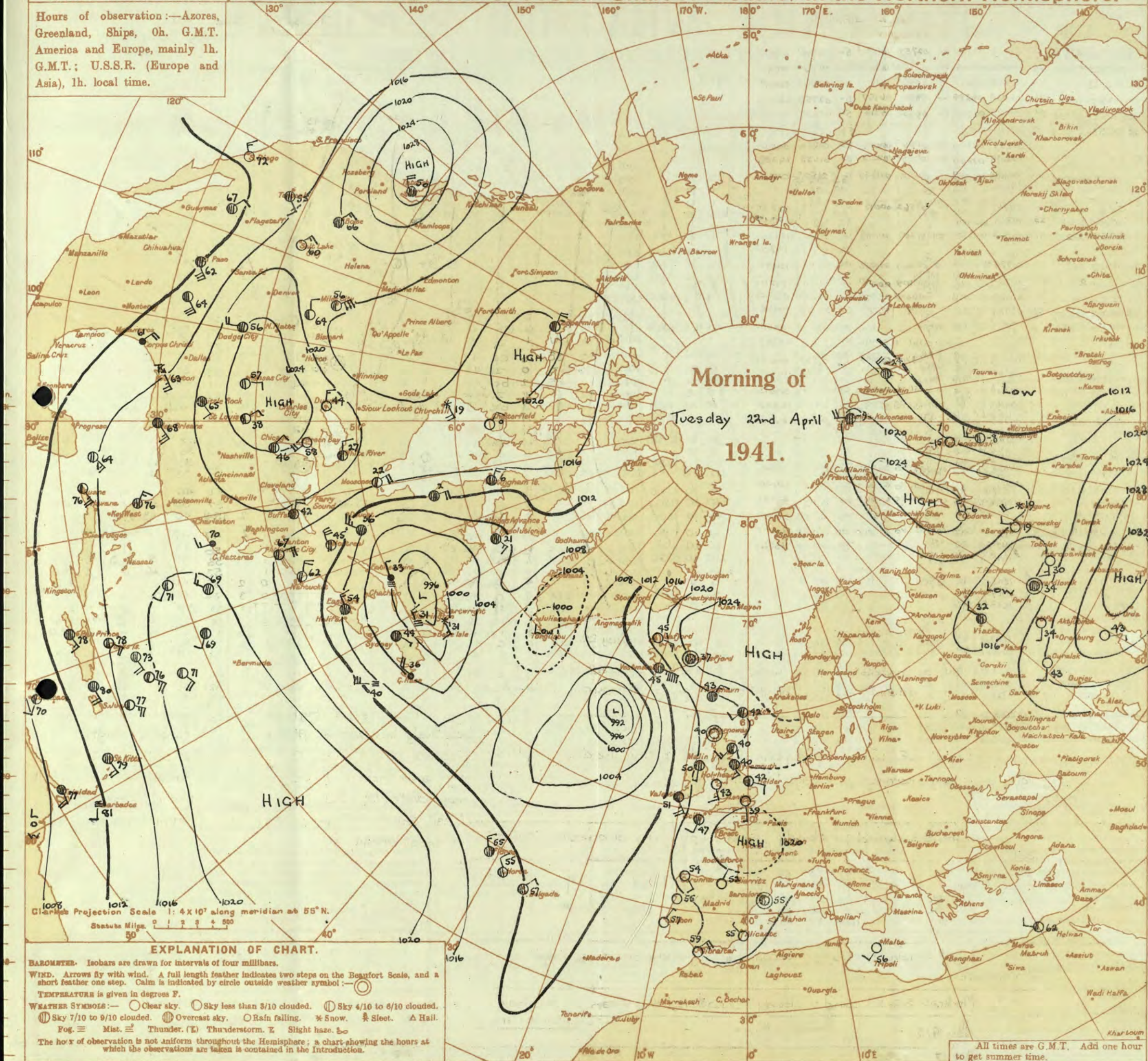
Mainly dry; considerable cloud in the East.

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

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



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





THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Tuesday 22nd April 1941.  
No. 29006

OBSERVATIONS at 1 hr. G.M.T. 22nd April															OBSERVATIONS at 7 hr. G.M.T. 22nd 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. Miles. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visib. Miles. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 24 Hrs. (38)
					Dir.	Force. 0-12 (4)					Form.	Amount. (12)	Height of Base. (feet) (14)	Dir.	Force. 0-12 (18)			Form.	Amount. (26)					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. (9)	Med. (10)	High. (11)	Low. (13)	
1	London (Kew) ... 18	1019.2	+6	S	1	b	39	92	5	-	-	-	-	1019.3	+8	-	0	z	43	92	5	-	-	-	0	0	-	1	*	59	37	28	-	Tr	6.5	
	Croydon ... 217	1019.2	+6	S	1	b	39	92	5	-	-	-	-	1019.3	+6	-	0	z	42	92	6	-	-	-	0	2-3	-	1	*	59	36	34	-	-	7.2	
	S. Farnborough ... 226	1019.3	+2	N	1	z	40	92	6	-	-	-	-	1019.3	+6	-	0	z	39	97	6	-	-	1	0	Tr	-	1	*	61	36	29	-	-	8.5	
	Boscombe Down ... 417	1019.3	+2	WNW	3	b	41	85	7	-	-	-	-	1020.2	+6	WNW	2	z	42	92	5	-	-	1	0	1	-	1	*	59	37	32	-	-	11.4	
	Thorney Island ... 10	1019.2	+2	NW	1	z	44	97	6	-	-	-	-	1019.4	+4	NW	1	b	45	88	7	-	-	1	0	Tr	-	0	*	61	40	30	-	-	*	
	Lymington ... 346	1019.4	+2	-	0	z	41	92	6	-	-	-	-	1019.8	+6	SE	1	m	45	85	4	-	-	1	0	0	-	0	*	56	39	30	-	-	4.7	
	Manston ... 154	1018.6	0	WNW	2	z	44	85	5	-	-	-	-	1020.1	+4	ENE	2	F	44	97	1	-	-	-	10	10	150	0	*	57	40	31	Tr	-	*	
2	Shoeburyness ... 11	1018.3	+8	E'N	1	z	46	97	5	-	-	-	-	1020.2	+12	NE	3	F	44	97	1	-	-	-	10	10	150	1	*	61	36	33	0.2	-	5.9	
	Felixstowe ... 15	1018.3	+8	E'N	1	z	46	97	5	-	-	-	-	1020.6	+6	E'N	3	z	43	92	6	-	-	-	10	10	500	1	2	59	42	40	3	-	-	1.8
	Gorleston ... 5	1018.5	+6	NE'N	2	m	41	92	4	-	-	-	-	1021.0	+6	NE	2	z	41	85	6	-	-	-	10	10	200	0	2	53	39	33	-	-	*	
	Mildenhall ... 19	1018.7	+6	ENE	2	z	45	97	5	-	-	-	-	1020.5	+8	E	2	F	39	97	2	-	-	-	10	10	150	0	*	61	39	32	-	Tr	3.5	
	Cranwell ... 240	1019.8	+6	-	0	z	40	92	5	-	-	-	-	1021.3	+12	E	2	F	39	97	1	-	-	-	10	10	150	0	*	59	36	27	-	Tr	4.7	
3	Birmingham ... 535	1019.0	+6	NNE	2	z	47	75	6	-	-	-	-	1020.0	+6	-	0	F	46	85	3	-	-	-	9+	9+	4000	1	*	59	43	29	-	-	6.0	
	Upper Heyford ... 408	1019.0	+6	NNE	2	z	47	75	6	-	-	-	-	1019.8	+10	-	0	bf	44	85	6	-	-	-	7	0	1	-	1	*	59	39	29	-	Tr	*
4	Ross-on-Wye ... 223	1019.0	+6	-	0	z	47	75	6	-	-	-	-	1019.7	0	SW	1	z	41	92	6	-	-	-	1	0	1	-	0	*	59	38	28	-	-	6.8
5	Hartland Point ... 299	1019.1	-14	ESE	2	bc	45	85	8	-	-	-	-	1018.6	+2	SE	1	bc	47	85	8	-	-	-	2-3	4-6	2500	0	3	53	44	40	-	-	8.8	
	Bristol ... 209	1019.9	+2	SW	1	z	44	85	6	-	-	-	-	1019.8	+6	-	0	z	42	92	6	-	-	-	1	Tr	2-3	2500	0	*	59	36	30	-	-	12.1
	Portland Bill ... 32	1019.2	+4	NW	1	b	45	92	8	-	-	-	-	1020.2	-	NE	2	bc	46	8	-	-	-	-	4-6	4-6	4000	1	3	51	44	-	-	-		
	Plymouth ... 82	1019.9	-4	F	1	z	4	5	-	-	-	-	-	1019.5	+2	E	1	z	41	85	8	-	-	3	1	0	1	-	0	1	54	37	33	-	-	9.5
	The Lizard ... 240	1019.2	0	SW	2	z	47	97	6	-	-	-	-	1018.3	0	E	3	bc	47	97	8	-	-	6	-	4-6	4-6	2500	1	2	57	45	-	-	-	8.4
	St. Mary's ... 163	1018.3	-6	SW	3	c	48	92	7	-	-	-	-	1016.3	-2	SE	3	c	49	97	7	-	-	3	-	4-6	7-8	200	1	3	56	46	-	-	-	8.1
	Guernsey ... 175	1018.3	-6	SW	3	c	48	92	7	-	-	-	-	1016.3	-2	SE	3	c	49	97	7	-	-	3	-	4-6	7-8	200	1	3	56	46	-	-	-	8.1
6	Pembroke ... 142	1019.3	0	SW'S	3	c	47	97	7	-	-	-	-	1018.8	0	SEE	3	bc	45	97	6	-	-	7	1	4-6	4-6	4000	1	3	53	44	-	-	-	6.6
7	Holyhead ... 26	1018.9	+4	SE	3	b	43	97	8	-	-	-	-	1018.5	-2	SEE	2	c	44	92	8	-	-	6	Tr	9+	5000	1	1	56	38	32	-	-	-	8.5
	Chester (Sealand) ... 16	1019.4	+2	-	0	z	44	92	5	-	-	-	-	1019.7	+4	ESE	1	m	42	92	4	-	-	3	-	2-3	7-8	-	1	*	56	33	33	-	-	11.2
	Manchester ... 70	1019.7	+6	WNW	1	bc	37	97	3	-	-	-	-	1019.9	+2	NE'N	1	m	42	97	2	-	-	3	-	0	4-6	-	1	*	57	33	26	-	Tr	7.0
10	Spurn Head ... 29	1019.3	+4	ESE	2	m	42	97	4	-	-	-	-	1021.2	+24	SEE	2	z	41	92	5	-	-	-	10	10	2500	0	2	52	40	-	-	-	8.1	
	Catterick ... 175	1020.4	+8	-	0	F	37	97	1	-	-	-	-	1021.4	+10	-	0	F	39	97	2	-	-	-	10	10	150	1	*	57	36	35	1	1	4.6	
	Tynemouth ... 108	1020.5	+6	SE	3	z	40	97	5	-	-	-	-	1021.5	+6	SE	3	z	40	97	5	-	-	-	10	10	700	1	2	(54)	40	39	0.2	-	-	*
11	St. Abbs Head ... 280	1019.2	+2	SE	2	F	40	97	1	-	-	-	-	1020.1	+6	S	3	F	40	97	1	-	-	-	10	10	150	1	2	47	39	-	Tr	Tr	*	
	Leuchars ... 36	1019.6	+2	E	2	m	41	97	4	-	-	-	-	1020.4	+6	ENE	2	id	42	97	5	-	-	-	10	10	200	1	*	50	39	-	Tr	Tr	*	
12	Bentworth (Abbots L.) ... 19	1019.8	+8	E	2	F	41	97	2	-	-	-	-	1020.5	+6	E'N	1	m	41	97	4	-	-	-	10	10	800	1	*	58	40	31	0.3	Tr	Tr	3.3
	Eskdalemuir ... 794	1019.8	+8	E	2	F	41	97	2	-	-	-	-	1020.6	+6	NE	1	o	37	97	6	-	-	-	10	10	220	1	*	53	31	26	6	2	4.0	
	Point of Ayre ... 30	1018.7	0	SSE	2	b	41	97	8	-	-	-	-	1018.7	0	SE	4	bc	45	97	8	-	-	-	0	2-3	-	0	2	55	40	-	-	-	8.6	
13a	Tiree ... 22	1017.1	0	-	0	c	46	92	7	-	-	-	-	1017.1	+4	ESE	2	c	47	85	9	-	-	-	9	9	2800	0	3	54	45	-	-	-	5.2	
13b	Stornoway ... 80	1019.0	+6	-	0	c	40	92	7	-	-	-	-	1019.9	+6	SSE	2	bf	43	97	7	-	-	-	0	0	-	1	1	51	37	-	2	-	5.7	
15	Dalwhinnie ... 1176	1019.0	+6	-	0	c	40	92	7	-	-	-	-	1019.9	+6	SSE	2	bf	43	97	7	-	-	-	0	0	-	1	1	51	37	-	2	-	5.7	
	Aberdeen ... 79	1019.0	+6	-	0	c	40	92	7	-	-	-	-	1019.9	+6	SSE	2	bf	43	97	7	-	-	-	0	0	-	1	1	51	37	-	2	-	5.7	
	Wick ... 81	1019.7	+8	ESE	3	c	42	85	7	-	-	-	-	1020.8	+4	S	3	ir	40	97	6	-	-	-	10	10	800	1	3	42	40	39	-	Tr	0.0	
16	Lerwick ... 156	1020.4	+8	SW	2	c/pr	42	92	7	-	-	-	-	1020.8	+6	SSE	2	c	42	85	7	-	-	2	-	7-8	9+	1500	1	3	43	40	-	-	-	1.2
	Lerwick ... 156	1020.4	+8	SW	2	c/pr	42	92	7	-	-	-	-	1020.8	+6	SSE	2	c	42	85	7	-	-	2	-	7-8	9	1500	1	*	52	39	-	-	-	1.2
17	Blackod Point ... 18	1019.3	-6	-	0	bc	49	97	8	-	-	-	-	1019.4	+4	E	2	c	49	92	8	-	-	7	-	0	10	-	0	3	55	47	-	Tr	-	*
18	Malin Head ... 84	1016.6	+2	S	1	c	50	85	8	-	-	-	-	1016.7	+6	-	0	bc	49	85	8	-	-	2	2-3	4-6	5700	0	0	52	45	-	Tr	-	-	0.7
	Aldergrove ... 268	1018.1	0	-	0	c	48	85	8	-	-	-	-	1018.1	+4	-	0	c/pr	44	97	5	-	-	7	8	0	9	-	1	*	55	40	36	Tr	-	0.7
19	Birr Castle ... 173	1016.9	+2	S	2	b	46	92	8	-	-	-	-	1016.0	0	S	2	c	48	92	7	-	-	-	7-8	10	2500	1	*	60	45	42	-	-	7.7	
20	Valentia Obsy. ... 30	1019.3	+10	SSE	5	c	51	85	8	-	-	-	-	1011.9	-8	SE'S	5	c	52	65	8	-	-	1	-	7-8	10	4000	1	3	58	50	47	Tr	0.1	5.6
	Roches Point ... 22	1016.9	-2	SSE	4	c	49	97	8	-	-	-	-	1015.9	0	SE	4	c	49	92	8	-	-	-	9+	9+	1500	1	4	54	47	-	-	0.2	-	

LONDON OBSERVATIONS.

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

Height above  
Sea Level in feet.

18  
217  
149  
—  
27  
168  
110  
80  
450

ccy  
cmobc  
c  
.  
.  
c  
bc  
bc

dbc  
cbcy  
cab  
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c  
c  
bc

zyl  
bmow  
bmoxofm  
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bcm

59  
59  
58  
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60  
58

37  
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40  
40  
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45

28  
34  
27  
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35  
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31  
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35

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6.9  
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49  
93  
67  
55  
89  
53  
72  
75

4  
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SOUTH KENSINGTON.

Max. Time. Min. Time.

Max. Time. Min. Time.

EXPLANATION OF FIGURES, LETTERS, etc.

COLUMNS 2, 16.  
The barometric tendency is expressed in  
tenths of a millibar.

COLUMNS 3, 22 —Code for  
surface visibility.  
Objects not visible at

0 Dense fog  
1 Thick fog  
2 Fog  
3 Moderate fog  
4 Mist or haze  
5 Poor visibility  
6 Moderate  
7 Good  
8 Very good  
9 Excellent

54 yards.  
220 "  
550 "  
1,100 "  
1½ miles.  
2½ "  
6½ "  
12½ "  
31 "  
beyond 31m.

COLUMNS 4, 18.  
THE BEAUFORT SCALE OF WIND is used  
only for surface observations. In the ac-  
companying table the speed of the wind  
corresponding with the different numbers is  
the speed at about 30 feet above the ground.

Beau-  
fort  
No.

Statute  
m/h.

Beau-  
fort  
No.

Statute  
m/h.

Beau-  
fort  
No.

Statute  
m/h.

0  
1  
2  
3

1  
1-3  
4-7  
8-12

4  
5  
6  
7  
8

13-18  
19-24  
25-31  
32-38  
39-46

9  
10  
11  
12

47-54  
55-63  
64-75  
75

COLUMN 30 —Code for  
State of Sea.

0 Calm—glassy.  
1 Calm—rippled.  
2 Smooth.  
3 Slight.  
4 Moderate.

5 Rough.  
6 Very rough.  
7 High.  
8 Very high.  
9 Phenomenal.

COLUMNS 34, 35.  
Tr. = rain has fallen, but amount less  
than 0.1 mm.

FOREIGN OBSERVATIONS.

18h. G.M.T.....  
7h. G.M.T.....  
Past 24 Hours.

STATIONS.

PARIS  
BRUSSELS  
BERLIN  
ZÜRICH  
ROME

Barom.  
mb.

Wind.  
Direc. Force.

Weather.

Temp.  
°F.

Barom.  
mb.

Wind.  
Direc. Force.

Weather.

Temp.  
°F.

Max.  
Day  
°F.

Min.  
Night  
°F.

Rainfall.  
Day  
mm. Night  
mm.

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

TERMS OF SUBSCRIPTION. { single Copies, 1d. each: by post 1½d.  
2/6 per month; 5/6 per quarter; 25/- per year.

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

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



AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Wednesday 23rd April 1941.  
No 29,007.

No 29,007

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

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

PAST 24 HOURS.

[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. o, 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 existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

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

Columns 18, 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.

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 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).

**COLUMN 29 —STATE OF GROUND**

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

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



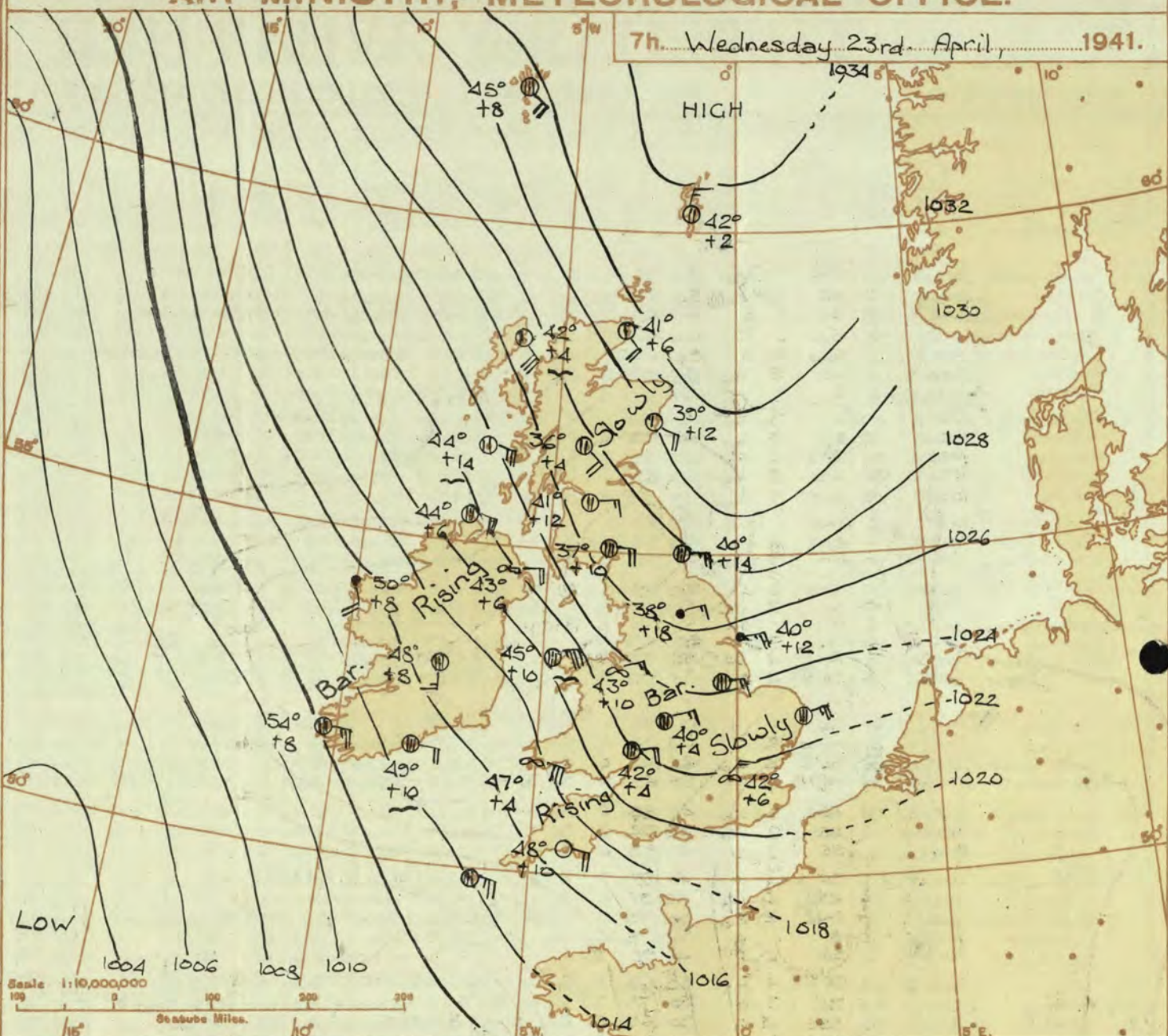
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 22nd April.....18h. G.M.T.							01h. G.M.T. 23rd April.....07h. G.M.T.						
III	C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>h</sub>	wwVhN <sub>h</sub>	DDFWN	
109	8	03658	11428	8	02747	12427	00	00790	12320	00	00890	09400	
115				54	01844	08515	54	14844	43515	52	14844	12525	
203	2	01953	02313	2	01964	12414	--	00890	08610	--	00990	12500	
206	5	02748	07128	83	02854	08325	5	01853	12623	5	01863	10313	
210	5	02746	12326	56	02845	09524	5	00852	11422	10	00951	08401	
220	73	01953	1630	57	01963	19204				53	01963	10503	
230	83	02854	25215	85	02654	14215	50	00753	14513	18	00951	08412	
245	5	58558	12468	5	61638	09468	5	03758	08568	10	01854	08564	
260	5	05648	04228	5	21645	06358	5	05558	06328	5	21667	08357	
277													
279	7	05676	82326	5	08448	04528				50	01863	41615	
285	5	05537	10427	--	67109	10369				2	02747	12467	
288	5	05548	08158	5	05648	06268	5	51548	04368	5	22748	06368	
273	57	02863	13415							42	03654	08628	
301	83	08454	10125	5	08458	08428	52	05655	43428	57	05632	10467	
321	5	05638	09328	5	02746	06328	5	22648	08168	57	02735	05328	
299	52	06654	08217	52	02754	09327	5	05658	04428				
292	5	05548	08128	5	08748	08228	5	61558	05168	62	61845	06268	
310	--	03528	08328	--	03528	08428							
316	5	05538	06258	53	02545	08217	5	05548	06228	52	02645	04368	
333	--	02864	18118	02	02890	30228	00	05590	04410	53	02855	06416	
334	--	05546	20216	--	03546	14228				--	03646	12428	
340	20	05664	10414	57	05672	10528	5	02748	06528	5	02748	06528	
136	14	05665	12225	03	01790	08314	5	05658	05228	52	61756	04328	
336	54	02763	26315							54	02763	08415	
350	5	05547	04347	54	05645	04426				57	02322	02428	
368	13	01863	12114										
379	2	02755	16225	43	05664	10426	5	05548	10528	5	02747	08427	
390	5	05538	10348	53	05658	07228	5	08447	06328	57	05666	04427	
282	10	02865	01215	56	05674	08327	5	05548	06328	57	02755	04328	
433	50	05534	06244							51	02754	06417	
430	10	00761	16201	07	05690	14215	5	05546	04426	5	02768	06328	
409													

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 23rd April, 1941.



Mb.  
1050  
1040  
1030  
1020  
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990  
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-100  
-110  
-120  
-130  
-140  
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DISTRICTS.

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

1 S.E. England	Moderate or fresh east wind; cloudy, occasional breaks later; rather cool.
2 E. England	Moderate or fresh east wind, cloud, slight local showers, some breaks in cloud later; rather cool.
3 E. Midlands	
4 W. Midlands	
5 S.W. England	
6 South Wales	
7 North Wales	
8 N.W. England	
9 N. Midlands	As 1
10 N.E. England	As 2
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl'd. B.N.W. Scot- land.	Moderate southeast or east wind; fair; rather cold
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	
17 N.W. Ireland	
18 N.E. Ireland	Moderate or fresh southeast wind; mainly cloudy; rather cold.
19 S.E. Ireland	
20 S.W. Ireland	Fresh or strong southeast wind; cloudy, perhaps rain later; average temperature.

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 millibar is entered beneath the temperature.

GENERAL INFERENCE.

A large and intense anticyclone centred to the North of the British Isles extends to Scotland. A complex low pressure area covers the Atlantic to southwest of the British Isles, and a shallow depression over Spain will move slowly north-northwest. Weather will continue mainly dry over most of the country but there will be a little occasional rain in West Ireland and a few local showers near the East Coast. Over most of Great Britain conditions will be much cooler than of late.

FURTHER OUTLOOK.

Rather cold and mainly dry with bright intervals but with considerable cloud at times; rain in extreme Southwest.

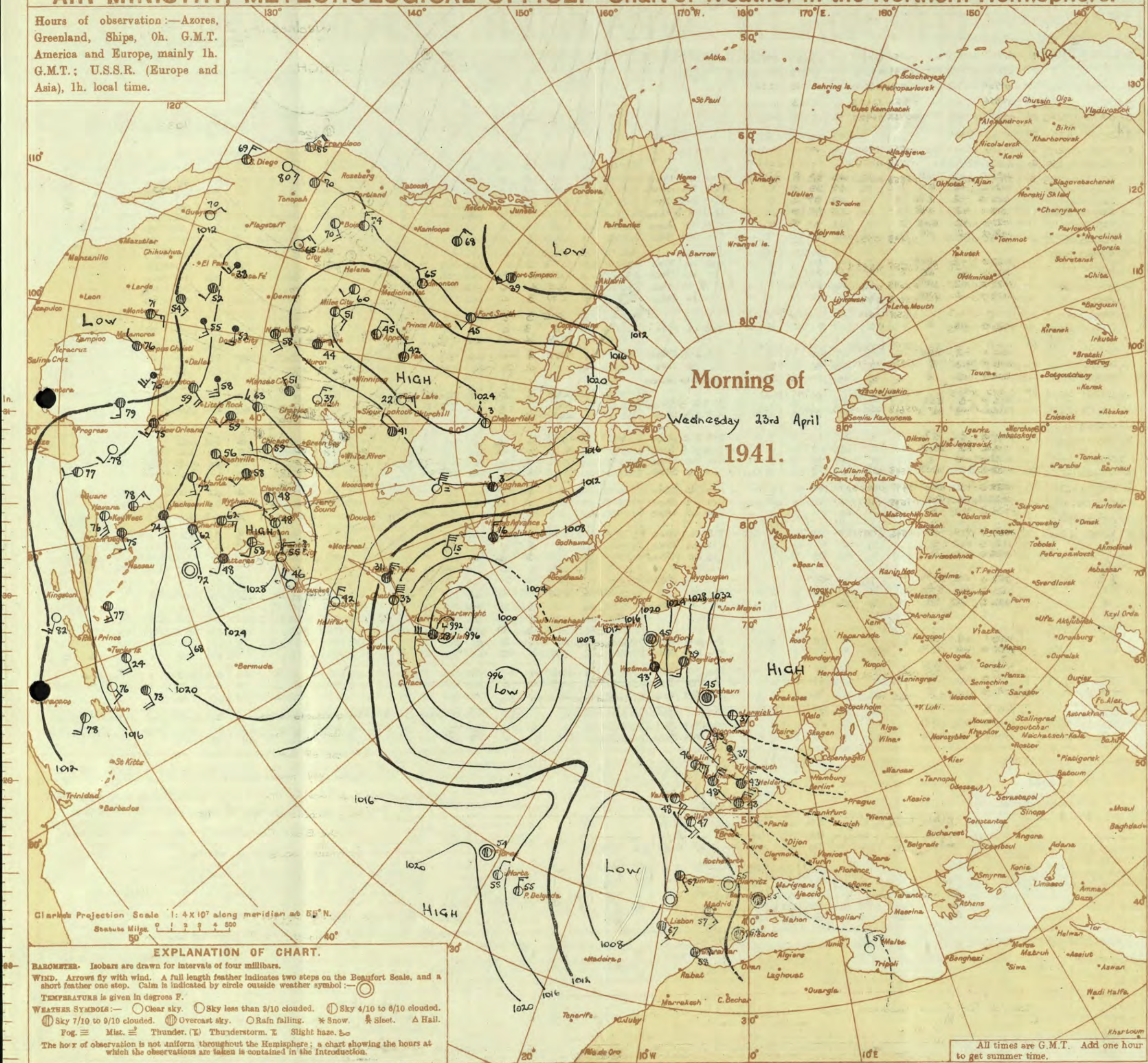
Forecast issued at 10.30 a.m.T  
H.M.S.O. Press, Commercial Road, London, E.C.6.

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  
Wednesday 23rd April 1941.  
No. 29,007.

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.	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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Thursday 24th April 1941.  
No 29,008

PAST 24 HOURS.

[illegible]

EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

b, blue sky (not more than a quarter covered with cloud).  
bc, sky partly cloudy (one half covered). c, generally cloudy.  
d, drizzle. e, wet air. g, gloom.  
f, fog, visibility 220-1100 yds.  
F, thick fog „ less than 220 yds.  
fs, low fog over sea (coast station).  
fg, low fog over land (inland station).  
m, mist, visibility 1100-2200 yds.  
h, hail. i, intermittent.  
jf, fog at a distance, but not at station.  
jp, precipitation within sight of station.  
ks, storm of drifting snow.  
k/s, slight storm of drifting snow (generally low).  
k/S, heavy storm of drifting snow (generally low).  
s<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.  
ra, sleet. t, thunder.  
u, ugly, threatening sky.  
v, unusual visibility. w, dew.  
x, hoar frost. y, dry air.  
z, dust haze: the turbid atmosphere  
of dry weather.  
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 18, 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.

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 Cs predominating, and a little cirrus.

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

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



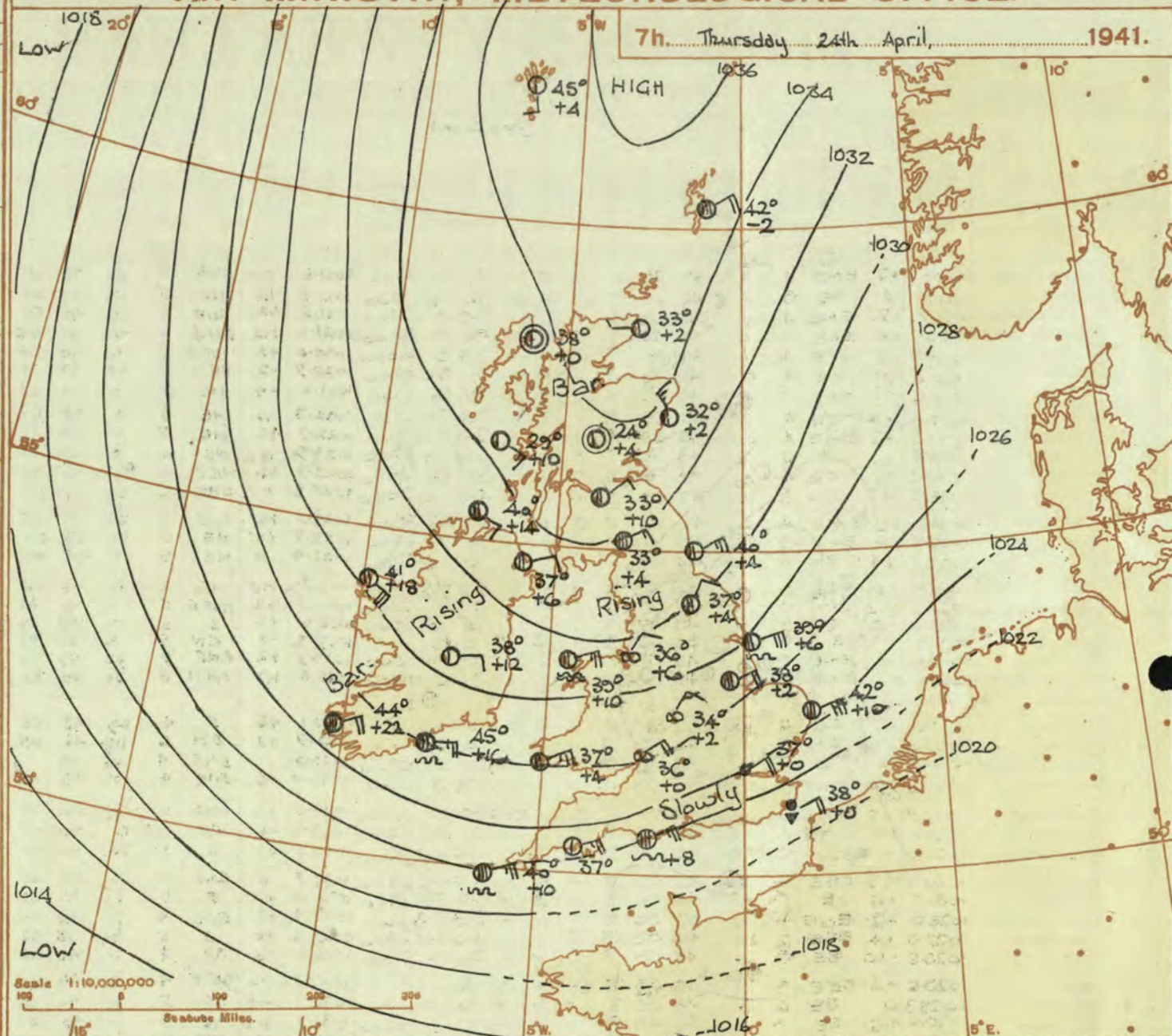
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 23rd April 1941. 18h. G.M.T.						01h. G.M.T. 24th April 1941. 07h. G.M.T.					
III	C <sub>u</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>u</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>u</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>u</sub>	wwVhN <sub>h</sub>
109	16	01863	0413	70	02855	08425	50	00861	00001		
115											
203				00	00000	08400		00	00000	08300	
208	10	00062	10512	00	00000	12410	00	00800	08200	00	00000
210	10	01953	08413	00	00000	11400	00	00800	12100	10	00001
220	00	00000	15500	00	00000	15300		03	01000	14201	
230	10	00061	12301	03	00000	41401	00	00000	00000	00	00000
245	10	01064	10514	86	02855	10315	00	00800	32100	10	00001
260	80	01064	04414	8-	01064	08814	60	00761	00001	10	05664
277											
279	50	01864	41614	50	00861	38601		50	01864	04216	
285	20	01845	10535	50	01854	08514		20	01744	10484	
388	7-	02865	04435	8-	02865	05425	5-	01767	07017	20	01864
273	76	05654	13517					00	05600	08000	
301	10	05664	08524	50	01664	08514	00	05600	06300	00	00000
321	5-	02758	38468	16	01854	39525	50	00761	02311	5-	02768
299	50	01554	06514	80	01754	01514	50	01743	06613	5-	02757
292	5-	02856	06426	7-	02855	38426	8-	01654	08114	86	01850
310				--	01635	08615					
316	5-	02745	05458	7-	02763	38526	5-	05655	04360	5-	25607
383	53	02861	06627	03	17700	06613	00	05600	04500	10	00851
334	--	03646	12428	--	02646	18816		--	03647	28328	
340	7-	02757	07827	83	02865	39525	00	05600	06300	10	05642
136	77	61645	05488				40	01753	06313	5-	81608
336	52	03763	08428	51	02763	08427		10	01762	04412	
350	53	02858	02428	83	02854	04525	00	05600	04310	5-	02767
368	57	02764	39628								
379	5-	02748	06528	5-	02766	04426	00	05600	06400	15	05641
390	5-	02754	06528	80	31634	04525	00	05600	06410	5-	05658
382	5-	02847	06527	73	02855	06326	00	05600	04300	53	05663
438	5-	03758	04828								
430	5-	02757	04627	53	02853	04526	50	00751	04001	50	01763
409				03	05600	06513		14	00861	04412	

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

# AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Thursday 24th April 1941.



## DISTRICTS.

## FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Thursday 24th April 1941

1 S.E. England	Moderate or fresh east to northeast wind; mainly cloudy, but some bright intervals, occasional showers; slight thunder locally; cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	Moderate or fresh easterly wind; bright periods, a few scattered showers; cold.
6 South Wales ...	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	As 1-3
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Moderate easterly wind; fair; rather cold.
13 { A.W. Scotland. B.N.W. Scotland.	
14 Mid Scotland	Light variable to easterly wind; fair or fine; average temperature during day, cold with frost at night.
15 N. E. Scotland	
16 Orkneys and Shetlands	
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. — Enough. — High.  
BAROMETRIC CHANGE from 4h. to 7h. in tenths of millibars is entered beneath the temperature.

## GENERAL INFERENCE.

A large anticyclone centred to northwards of Scotland is moving slightly southwest. Cold easterly winds will persist over most of the country and there will be some showers with local thunder in Eastern England. There will be long bright periods in the West and North.

## FURTHER OUTLOOK.

Little change.

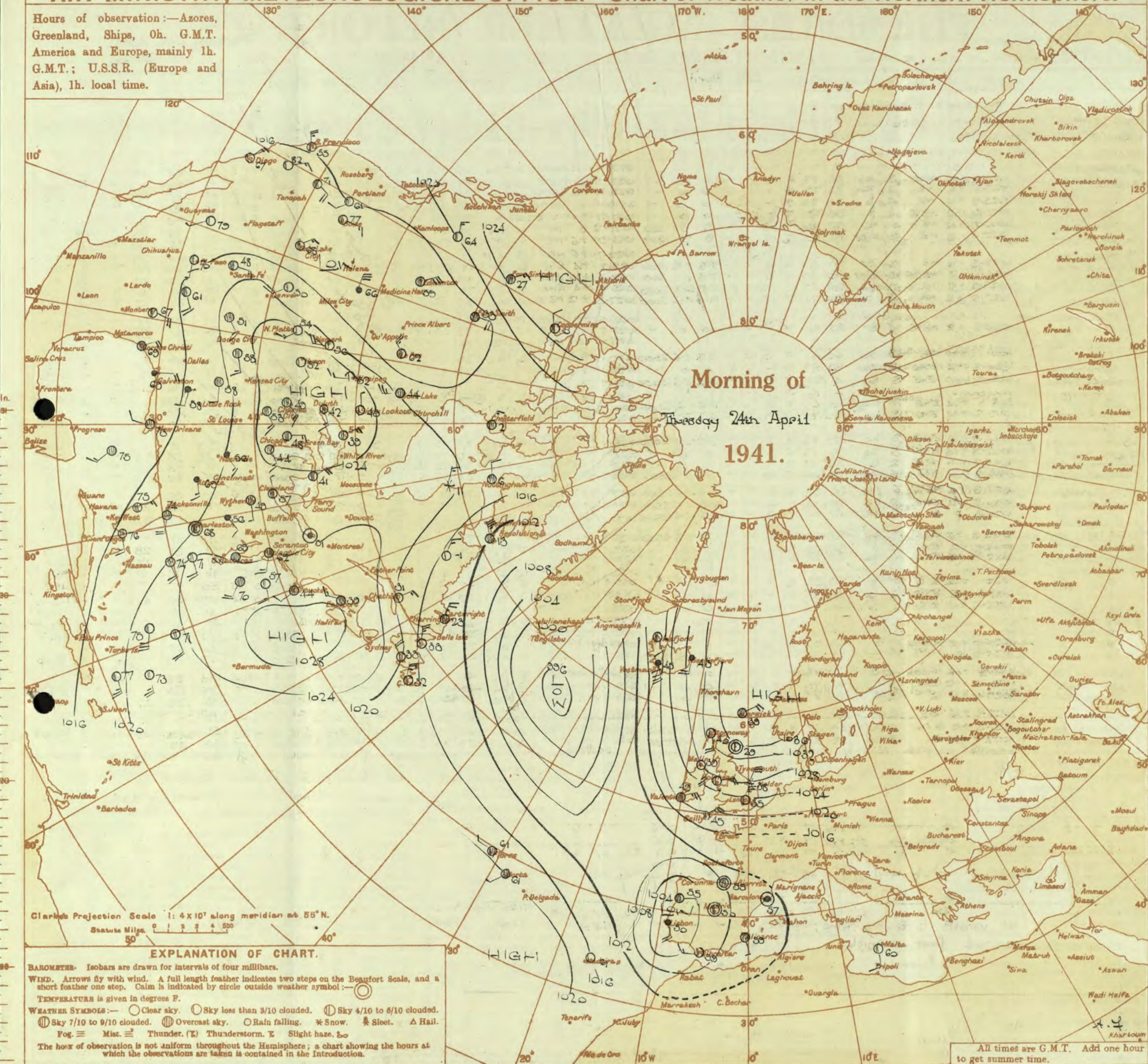
Forecasts issued at 10.30h.  
M.M.S.O. Press, Cornwall House, S.E.1.

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. 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. mb. (1)	Change in 3 hours. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.		RAINFALL.		SUNSHINE Hrs. 23rd (36)		
					Dir.	Force. 0-12 (4)					Form.	Amount. 0-10 (12)	Height of Base. (feet) (13)	Dir.	Force. 0-12 (18)			Form.	Amount. 0-10 (26)					Height of Base. (feet) (23)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)						
																																Low. (9)	Med. (10)	High (11)		Low (23)	Med. (24)
1	London (Kew) ... 18	1023.3	+4	NNE	5	20	35	75	6	-	-	-	-	1023.2	-4	NE	5	20	39	85	6	5	2	-	7.8	10	2500	1	*	47	34	29	-	-	0.6		
	Croydon ... 217	1023.3	+6	NE	3	20	36	75	6	-	-	-	-	1023.1	0	NE	5	20	37	85	5	5	2	-	10	10	1000	0	*	47	33	31	-	-	0.6		
	S. Farnborough ... 226	1023.3	+10	NE	4	6	35	75	7	-	-	-	-	1023.1	+2	NE/N	4	16	38	75	8	1	3	-	10	10	1800	0	*	48	33	29	-	-	0.3		
	Boscombe Down ... 417	1023.6	+2	NE/E	4	6	35	75	7	-	-	-	-	1024.0	0	NE/N	6	6	35	75	7	-	-	-	0	0	-	0	*	50	31	27	-	-	2.8		
	Thorney Island ... 10	1021.6	+2	NE/E	4	6	38	75	7	-	-	-	-	1021.9	+4	NE/E	4	6	38	75	8	1	3	-	Tr	1	4000	0	*	51	34	30	-	-	*		
	Lympe ... 346	1021.7	+2	NE/N	4	16	37	85	7	8	-	-	9	9	1200	1021.2	0	NE	4	phr	38	85	7	5	-	10	10	500	1	*	47	36	31	-	-	1.5	
	Manston ... 154	1022.0	-2	NE	5	c/pr	38	75	7	8	-	-	9	9	1200	1021.9	+6	NE	6	phr	38	92	6	8	-	10	10	1200	1	*	47	36	34	-	-	*	
2	Shoeburyness ... 11	1023.5	-2	NE	3	pr	37	85	6	8	-	-	7.8	7.8	1500	1022.7	+6	NE	5	c/pr	40	65	8	5	2	-	7.8	10	2500	1	*	47	34	29	-	-	0.8
	Felixstowe ... 15	1024.6	-4	NE/N	5	c/pr	40	85	6	8	-	-	7.8	7.8	800	1023.3	+4	E/N	6	pr	41	65	8	8	-	9	9	2000	1	A	46	35	32	-	-	0.1	
	Gorleston ... 5	1025.3	+2	NE/N	3	bc	34	85	7	5	-	-	2.3	2.3	3000	1024.8	+10	ENE	6	pr	42	75	7	8	-	10	10	1000	1	S	44	38	35	-	-	*	
	Mildenhall ... 19	1025.3	+2	NE	3	bc	34	75	7	5	-	-	4.6	4.6	2000	1025.0	+4	ENE	3	phr	39	85	6	8	-	10	10	1500	1	*	45	33	26	-	-	1.0	
	Cranwell ... 240	1027.2	+2	NE	3	bc	34	75	7	5	-	-	4.6	4.6	2000	1027.5	+2	NE/E	4	c	38	85	7	5	-	9	9	2500	0	*	44	32	29	-	-	0.8	
3	Birmingham ... 535	1025.2	+2	NE/E	4	b	33	92	7	-	-	-	-	1026.5	+2	NNE	3	20	34	85	5	5	-	-	9	9	4000	1	*	44	31	27	-	-	0.3		
	Upper Heyford ... 408	1025.2	+2	NE/E	4	b	33	92	7	-	-	-	-	1025.2	+2	NNE	4	c	35	85	7	5	4	-	9	9	4500	1	*	46	31	25	-	-	0.3		
4	Ross-on-Wye ... 223	1025.2	+2	NE/E	4	b	33	92	7	-	-	-	-	1025.6	0	NE	4	20	36	75	6	1	-	-	Tr	Tr	2500	0	*	47	32	28	-	-	0.3		
5	Hartland Point ... 299	1021.1	+10	NE	5	bc	40	85	7	5	4	-	2.3	4.6	2500	1023.3	+12	NE	5	bc	38	85	8	1	-	4.6	4.6	2500	0	A	50	37	36	-	-	7.5	
	Bristol ... 209	1024.7	+4	ENE	3	20	35	85	6	-	-	-	-	1025.3	+6	NE/N	3	20	34	85	6	1	-	-	Tr	Tr	2500	0	*	49	32	26	-	-	0.9		
	Portland Bill ... 32	1021.8	+10	ENE	5	bc	46	92	7	5	-	-	4.6	4.6	4000	1021.7	+8	NE	5	c	37	75	8	2	-	7.8	7.8	4000	1	S	47	36	-	-	-	8.0	
	Plymouth ... 82	1020.6	+0.6	E/N	5	bcz	41	75	5	1	-	8	4.6	4.6	3000	*	ENE	5	b	37	75	8	1	-	-	Tr	Tr	2000	0	A	54	35	-	-	-	5.0	
	The Lizard ... 240	1018.5	+14	ENE	7	bcz	44	65	7	8	-	-	4.6	4.6	2500	1020.3	+10	ENE	7	bc	48	65	8	6	-	4.6	4.6	2500	0	S	51	30	-	-	-	8.0	
	Scilly (St. Mary's) ... 163	1019.2	+14	ENE	5	bc	45	75	6	5	-	-	2.3	2.3	1500	1020.7	+10	NE/E	5	c	40	85	8	5	-	7.8	7.8	1200	0	A	52	47	-	-	-	8.8	
	Guernsey ... 175	1021.1	+10	NE	5	bc	40	85	7	5	4	-	2.3	4.6	2500	1023.3	+12	NE	5	bc	38	85	8	1	-	4.6	4.6	2500	0	A	50	37	36	-	-	7.5	
6	Pembroke ... 142	1024.6	+16	ENE	5	bc	39	75	7	5	-	-	2.3	2.3	4000	1026.0	+4	NE/E	5	bc	37	75	7	-	3	-	0	2.3	-	1	3	53	*	-	-	-	2.8
7	Holyhead ... 26	1027.8	+18	ENE	5	bc	39	75	6	-	-	-	-	0	0	-	1024.9	+10	ENE	5	bcz	39	75	8	2	-	2.3	2.3	2200	1	8	48	36	33	-	-	2.8
	Chester (Sealand) ... 16	1028.3	+6	NE/E	2	b	34	75	7	-	-	-	-	0	0	-	1029.2	+6	NNE	2	bc	36	65	6	-	-	0	0	-	1	8	47	30	23	-	-	0.4
8	Manchester ... 70	1028.8	+6	NE	4	20	35	75	6	5	-	-	-	1	1	2500	1028.9	+2	NE/N	4	20	37	65	6	5	-	Tr	Tr	2000	0	*	45	32	24	-	-	1.8
10	Spurn Head ... 29	1027.3	+2	NE/E	6	pr	38	85	6	8	-	-	4.6	4.6	2500	1027.4	+6	ENE	6	c/pr	39	85	6	8	-	10	10	2500	1	S	43	36	-	-	-	1.0	
	Catterick ... 175	1030.3	+2	ENE	2	bc	35	75	7	5	-	-	4.6	4.6	3500	1031.0	+4	NNE	2	bc	37	65	7	2	-	2.3	2.3	2800	0	*	43	30	20	0.2	-	1.8	
	Tynemouth ... 108	1030.8	0	N	6	bc	40	65	7	2	-	-	4.6	4.6	2500	1031.4	+4	NE	5	bc	40	65	8	2	3	-	4.6	4.6	3200	0	A	44	38	35	-	-	*
11	St. Abbs Head ... 280	1032.0	+2	ESE	3	bc	38	65	8	4	A	-	2.3	2.3	2500	1032.7	+4	NE	3	bc	39	65	0	4	-	2.3	2.3	3900	0	2	40	37	-	-	-	*	
	Leuchars ... 36	1032.0	+2	ENE	2	b	38	65	8	-	-	-	-	0	0	-	1033.3	+4	NNE	2	b	36	75	8	2	-	Tr	Tr	3500	1	*	44	31	28	-	-	11.9
12	Benfrew (Abbots I.) ... 19	1032.3	+8	ENE	2	20	35	75	6	-	-	-	-	0	0	-	1033.8	+10	NE	2	bc	33	75	7	5	-	2.3	2.3	4000	1	*	47	27	17	-	-	8.6
	Blackdalemuir ... 794	1030.1	+12	E/S	4	b	39	55	8	-	-	-	-	0	0	-	1032.4	+4	NE	3	c	33	85	8	5	-	9	9	2500	3	*	46	26	21	-	-	5.4
	Point of Ayre ... 30	1030.1	+12	E/S	4	b	39	55	8	-	-	-	-	0	0	-	1030.9	+6	NE	3	b	40	65	8	1	-	1	1	4000	0	A	50	37	-	-	-	4.2
13A	Tiree ... 22	1031.0	+8	ESE	4	b	38	75	8	7	5	-	0	0	-	1032.8	+10	ESE	3	bc	39	65	8	-	5	0	4.6	-	0	4	49	34	-	-	-	13.2	
13B	Stornoway ... 80	1032.4	+10	SE	4	b	40	75	7	-	-	-	-	0	0	-	1033.5	0	-	0	b	38	85	8	-	-	0	0	-	0	1	48	36	-	-	-	13.3
15	Dalwhinnie ... 1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1033.9	+4	-	0	b	21	85	8	-	-	0	0	-	3	*	47	16	6	-	-	13.2	
	Aberdeen ... 79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1033.8	+2	NW/N	3	b	32	85	7	1	-	Tr	Tr	2500	1	2	43	28	2d	-	-	12.7	
	Wick ... 81	1034.0	+2	WSW	1	b	35	92	8	5	-	-	1	1	2500	1034.2	+2	W	1	b	33	92	8	5	-	Tr	Tr	2500	0	2	44	27	-	-	-	8.4	
16	Lerwick ... 156	1034.5	0	NE/E	4	c	39	92	8	5	7	-	4.6	7.8	1500	1034.1	-2	NE	4	c	42	65	8	7	-	4.6	9	1500	1	*	47	39	-	-	-	8.4	
17	Blacksod Point ... 18	1025.0	+12	ESE	4	a	44	75	7	-	2	-</																									



AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION

Friday 25th April 1941

No. 29009

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

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

PAST 24 HOURS.

Diameter.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.		Weather. (6)	Temp. °F. (7)	Humid. % (8)	Visibility. miles (9)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility miles (22)	Cloud.					State of Sky (29)	Sea. (30)	WEATHER.							
				Dirce. (3)	Force. (4)					Form. (10)	Amount. (11)	Height of Base (feet) (14)	Dirce. (17)	Force (18)			Form. (23)	Amount. (24)					Height of Base (feet) (28)	7h.—18h. 24h. (37)	18h.—18h. 24h. (38)	18h.....to 1h..... 25h. (39)	1h.—7h. 25h. (40)										
																														Low. (12)	Med. (13)	High (12)	Total 0-10 (13)	Low (25)	Med. (26)	High (27)	Total 0-10 (27)
1	London (Kew) ... Croydon ... S. Farnborough ... Boscombe Down ... Thorney Island ... Lympne ... Manston ...	1023.9 1023.5 1023.7 1023.6 1023.1 1022.1 1022.3	0 -2 0 0 0 -2 -2	NNE NE ENE NE ENE NE NE	5 4 4 5 5 5 5	pr pr c c c ps pr	44 42 45 42 49 44 43	65 65 45 65 45 65 75	7 7 7 7 8 8 8	2 2 2 2 2 3 3	- - - - - - -	9 9 4.6 10 7.8 9 9	2500 2000 3700 2000 4000 2200 1200	1022.3 1021.8 1022.3 1022.7 1020.7 1020.6 1020.4	-8 -8 -6 -6 -12 -6 -6	NNE NE NEN NNE NE NEN NEN	5 6 4 5 5 4 5	Zo c c c c/pr c c	43 43 44 43 44 46 41	55 45 45 55 55 65 65	6 6 6 8 7 8 8	8 3 7 7 2 2 2	6 6 - - - 3 3	4.6 7.8 7.8 9 9 4.6 7.8	2500 2500 1300 2500 2500 2000 1000	1 0 0 0 0 1 0	4 4 4 4 4 4 4	cmozopra cmoirac bczacy cy cprobecy phafps cprobbed	cpcaczoy prophe cyprocay cyprojce pravey cpjac cpjac	cbeyle cybz.bc cyb.c bc.b cy.bmo cbcc cbc	bcmo cmcrs c c cmprsi cirac c						
2	Shoeburyness ... Felixstowe ... Gorleston ... Mildenhall ... Cranwell ...	1023.8 1023.7 1025.2 1025.1 1027.7	-4 -2 0 -4 -2	NNE ENE NEN NE NNE	6 6 6 4 5	bc bc be c c	47 46 42 44 43	65 65 65 65 8	8 8 8 8 8	7 2 - - -	- - - - -	4.6 4.6 2.3 7.8 7.8	2500 2000 2200 2500 2300	1022.0 1022.1 1022.8 1023.4 1026.3	-8 -10 -14 -8 -6	NNE NEN NEN NNE NE	5 5 5 4 5	c c c bc bc	43 42 41 43 43	55 65 65 55 55	8 8 6 8 8	8 7 1 3 1	7 3 - - -	4.6 Tr 0 0 2.3	2500 2500 - - 2500	1 1 0 1 0	4 5 4 4 4	cpr.bc pr.bec cpr.beg cmprahd cpr.cj	clv. bc bc cby cby	cbe cybey.c bcq bcyb bcyb	qbcc c bcbq bbcabw b						
3	Birmingham ... Upper Heyford ...	1027.3 1025.8	+2 +2	ENE NEN	4 5	ir phr	40 42	85 65	5 7	6 7	2 4	- -	4.6 7.8	10 2000	1025.0 1024.3	-6 -6	NE NEN	4 5	Zo bc	43 42	45 55	6 8	- 7	- - - - - -	0 2.3	0 2.3	- 2500	1 1	4 4	pr. cid.cpha bee	pbcz cps.c cybey	bzb beb bybyy	baz b bbcc				
4	Ross-on-Wye ...	1025.7	-4	NE	5	c	45	55	7	7	3	-	9	2500	1024.5	-12	NE	4	bc	45	55	7	7	-	- - - - - -	4.6 4.6 4.6 4.6 4.6 4.6	2500 2500 2500 2500 2500 2500	0 0 0 0 0 0	4 4 4 4 4 4	bee bmcapre c bbey bc cby	c cybey c cyzab bc bcc	cbeb beybz cyzob bc bcc	bba bzorb bybmab bbab bby				
5	Hartland Point ... Bristol ... Portland Bill ... Plymouth ... The Lizard ... Scilly (St.Mary's) ... Guernsey ...	1023.6 1025.1 1021.9 1022.0 1023.1 1023.0 1023.0	-4 -2 +4 -8 +1 +4 +6	NE ENE NE E ENE ENE ENE	5 5 5 5 6 5 4	c c c c bc bc bc	45 47 45 45 48 51 51	65 45 45 45 65 65 55	7 7 8 8 8 8 5	- 3 1 - - - 4	- - - - - - -	7.8 4.6 10 7.8 4.6 4.6 2.3	2500 2000 2500 2500 2500 2500 1500	1023.1 1023.8 1021.4 1022.0 1022.3 1022.7	-2 -10 -10 0 0 -2	NE NNE NE ENE NE NEN	5 5 5 5 5 5 5	c c c c c c c	45 45 44 46 46 46	75 45 45 55 55 65	7 7 8 8 8 8 8	4 4 6 8 7 8 6	- - - - - - -	0 4.6 10 10 3.4 3.4 4.6	2500 3000 4000 3500 2500 1500	0 1 1 0 0 0	4 5 4 4 4 4	bee bmcapre c bbey bc cby	c cybey c cyzab bc bcc	cbeb beybz cyzob bc bcc	bba bzorb bybmab bbab bby						
6	Pembroke ...	1026.1	0	ENE	4	cq	46	55	7	8	-	-	7.8	7.8	2500	1025.8	-2	NE/E	4	bc	46	55	7	2	-	- - - - - -	4.6 4.6 4.6 4.6 4.6 4.6	2500 2500 2500 2500 2500 2500	1 1 1 1 1 1	3 4 4 4 4 4	bccq bcq/bbc bcz.czoj bz.czoj	cby beb bczoy czoy/bey	by bmab bczybx bz	bba bmaqb bmazb bz			
7	Holyhead ... Chester (Sealand) ...	1028.9 1028.7	-2 -4	NE NE/E	6 3	bc Zo	45 46	65 45	8 6	7 8	- -	- -	2.3 9	2800 4000	1027.8 1027.0	-6 -6	N NEN	4 3	b Zo	45 48	75 38	7 6	- 5	- -	- -	0 2.3	0 2.3	0 4800	1 0	4 4	bccq bcq/bbc bcz.czoj bz.czoj	cby beb bczoy czoy/bey	by bmab bczybx bz	bba bmaqb bmazb bz			
8	Manchester ...	1028.6	-10	NE/E	4	Zo	46	45	6	1	-	-	4.6	4.6	4000	1027.2	-6	NE	5	b	47	35	7	4	-	- - - - - -	1 1 1 1 1 1	5000	0 0 0 0 0 0	4 4 4 4 4 4	bz.czoj czoy/bey	bczoy czoy/bey	bz	bz			
10	Spurn Head ... Catterick ... Tynemouth ...	1027.7 1030.5 1031.5	0 -2 -2	NE NE NE	5 4 5	bc bc bc	47 46 42	85 55 75	7 1 8	7 1 2	6 - -	- - -	4.6 4.6 2.3	4000 3000 3200	1026.5 1020.2 1020.5	-8 -4 -6	NE/N ESE NE	6 4 4	b b bc	44 43 42	75 55 75	7 8 8	- 1 2	- - -	0 Tr 4.6	0 Tr 4.6	0 3100 3200	0 0 0	5 4 4	bc xcbey bc	beb bcyby bc	bey bybeb becke	bc bbcc bc				
11	St. Abbe Head ... Leuchars ...	1032.4 1033.2	-4 -4	NE SE	3 4	bc b	40 45	75 55	9 8	7 -	4 -	- -	2.3 0	3000 -	1030.8 1031.5	-10 -12	NE E	3 2	bc b	41 45	85 65	9 8	1 1	4 4	- -	1 Tr	2.3 3200	0 0	2 1	bc by	bc byb	cir bebc	bc bebc				
12	Renfrew (Abbots L.) ... Eakdalemuir ... Point of Ayre ...	1032.8 1031.3 1031.3	-6 -6 +2	E E/N NNE	2 4 4	b b b	50 47 46	45 45 55	7 1 8	1 1 1	- - -	- - -	Tr Tr Tr	4000 2500 4000	1030.3 1020.6 1020.2	-14 -8 -8	E NE/E ENE	2 4 3	b b b	51 44 48	45 35 65	7 8 8	- 1 1	- -	0 Tr -	0 Tr -	0 2500 -	0 0 0	4 4 3	bc by buby	bc by by	cir bebc cbe bbcc	bc bezc bcw b				
13A	Tiree ...	1032.3	-4	SE	1	b	47	55	8	1	-	-	Tr	Tr	3500	1030.3	-8	N	2	b	43	65	8	-	- - - - - -	0 1 1 1 1 1	- -	0 -	0 -	0 -	3 3	b b	b b	b b	b b		
13B	Stornoway ...	1033.9	0	SE	2	b	45	65	8	7	-	-	1	1	4000	1032.8	-4	ENE	4	b	44	75	8	1	- - - - - -	Tr Tr Tr Tr Tr Tr	4000 4000 4000 4000 4000 4000	0 0 0 0 0 0	3 3 3 3 3 3	b b b b b b	b b b b b b	b b b b b b	b b b b b b				
15	Dalwhinnie ... Aberdeen ... Wick ... Lerwick...	1033.4 1033.0 1033.7 1033.4	-6 -6 -2 +2	NNE NE NE NE/N	2 4 3 5	b b c c	49 45 45 44	75 8 75 75	8 7 8 5	- - 6 2	- - - -	- - - -	0 1 9 10	0 2500 1500 1500	1032.3 1031.6 1032.6 1032.4	-10 -10 -8 -6	NNE NNE NE NE	2 2 4 5	b b c c	46 43 43 43	45 65 75 65	8 8 8 8	1 1 6 7	- - - -	Tr Tr 7.8 7.8	4000 2500 1500 1500	0 1 0 0	4 4 4 4	b b bbcc c	b b b c	b b b c	b b b c					
17	Blackod Point...	1029.5	0	E/S	3	b	51	55	8	-	-	-	0	0	-	1028.6	-6	SE	2	b	50	65	8	-	- - - - - -	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	3 2 2 2 2 2	b bc bc	b bc bc	b bc bc	b bc bc			
18	Malin Head ... Aldergrove ...	1032.2 1031.4	0 -6	E E/N	3 3	b b	42 47	65 55	8 8	- 2	- -	- -	0 1	0 1	5900	1031.0 1030.4	-8 -6	NE NE	3 2	b b	43 47	65 55	8 7	- -	- -	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	1 1 1 1	2 2 2 2	bc bc bc	bc bc bc	b bc bc	b bc bc		
19	Birr Castle ...	1028.8	-4	ESE	2	bc	48	55	8	-	4	-	0	2.3	-	1028.4	-2	SE	2	b	48	55	8	-	- - - - - -	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	1 1 1 1 1 1	2 2 2 2 2 2	bey cbey bey	bey bey bey	b b b	b b b			
20	Valentia Obsy. ↑ Roches Point ...	1026.9 1028.1	+2 +2	E E	3 5	b bc	52 46	55 55	9 8	5 1	- -	- -	Tr 4.6	Tr 4.6	4000 4000	1026.6 1027.2	-2 -6	SE E	2 4	b b	54 47	48 55	8 8	- -	- -	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	1 1 1 1	2 2 2 2	bey cbey bey	bey bey bey	b b b	b b b		

### 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.  
ka, 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;  
supfix 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 So formed by the spreading out of Cu.
- 5 Layer of St or Sc.
- 6 Ragged low clouds of bad weather (or fractonimbus).
- 7 Fair weather Cu and So.
- 8 Large-Cu (or Cb) and Sc.
- 9 Large-Cu (or Cb) and ragged low clouds of bad weather.

COLUMNS 12, 13, 26, 27.

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

Columns 18, 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 1/30 of the sky.

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

1 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 So.
- 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.

COLUMN 29 —STATE OF GROUND.

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.	10 .. 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 Cs predominating, and a little cirrus.

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

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

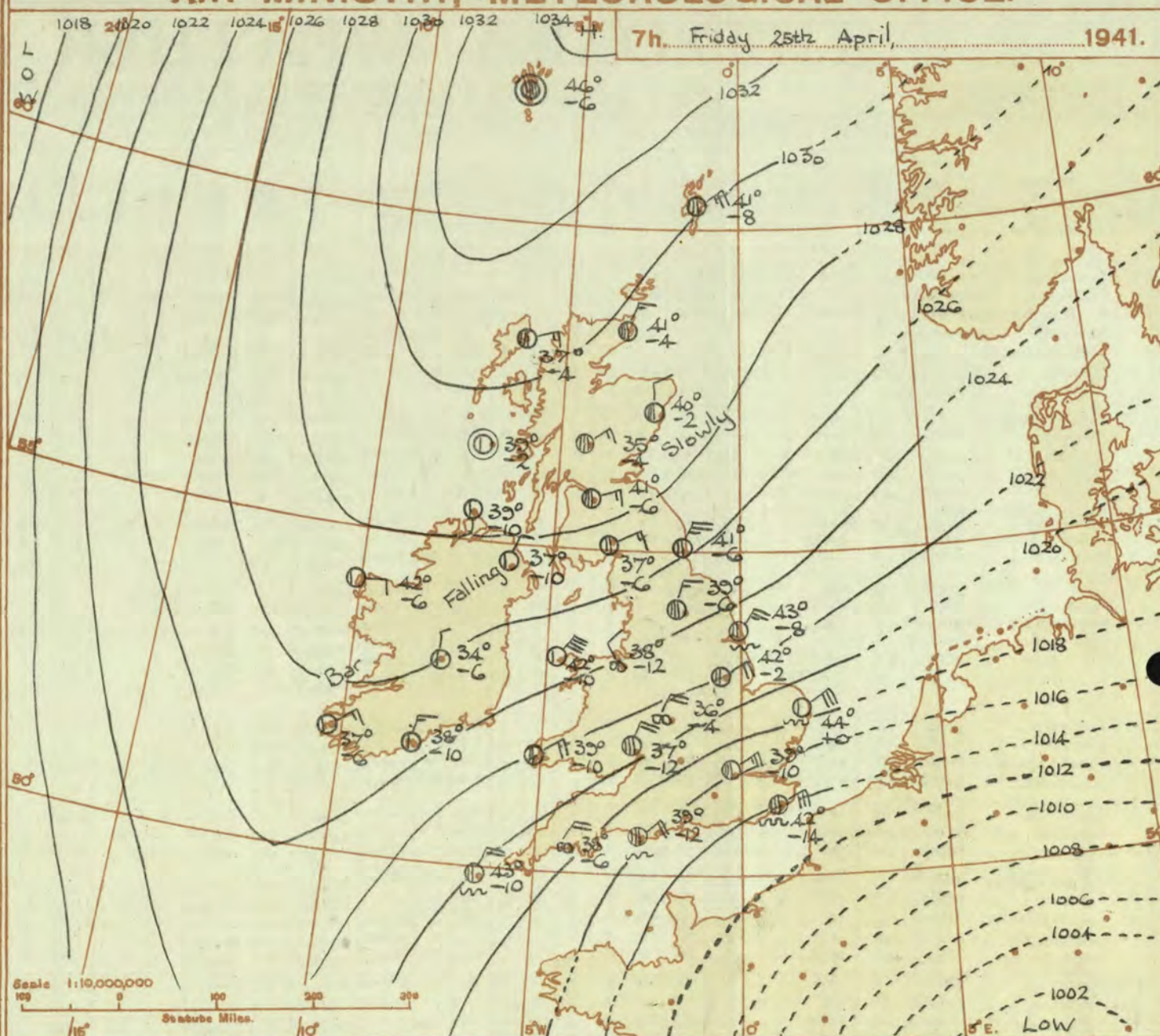


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 24th April 1941								15h. G.M.T.								01h. G.M.T. 25th April 1941								07h. G.M.T.							
III	C <sub>M</sub>	ww	Vh	N <sub>h</sub>	DDFWN	C <sub>M</sub>	C <sub>M</sub>	ww	Vh	N <sub>h</sub>	DDFWN	C <sub>M</sub>	C <sub>M</sub>	ww	Vh	N <sub>h</sub>	DDFWN	C <sub>M</sub>	C <sub>M</sub>	ww	Vh	N <sub>h</sub>	DDFWN	C <sub>M</sub>	C <sub>M</sub>	ww	Vh	N <sub>h</sub>	DDFWN		
109	5-	02856	01326			5-		03868	28328			5-		03858	03428	5-		03348	03428												
115	51	01853	08213			74		01854	08415			52		02844	08427	52		03345	08428												
203	1-	00861	32201			10		00861	02411			00		00833	08200	00		00890	02100												
206	00	00890	12200			53		01861	09314			5-		02868	00028	5-		02868	02228												
210	50	00861	30201			5-		02860	01326			5-		02868	04328	5-		02857	06327												
220	00	00890	00000			00		00890	32200							50		01841	06101												
230	03	00890	28201			00		00890	26400			00		00890	00000	10		00861	00001												
245	10	00861	06401			50		00863	04403			5-		25957	32287	50		02865	02425												
260	10	00861	04301									5-		02767	04317	5-		02867	04327												
277																															
279	10	00862	07402			10		00871	37501							50		00871	04201												
285	10	01853	08513			10		00862	06402							20		01844	02304												
288	10	01864	02814									50		17654	03814	70		17654	02514												
273																															
301	5-	02865	06426			10		00761	07411			30		05662	02212	00		00790	06400												
321	70	02854	02424			40		00861	37501			00		00790	31400	50		01755	01825												
299												50		00752	32502																
292	10	01864	36414			10		00861	03411			04		00790	01201	50		00852	02302												
310	--	02636	04526			--		01643	04613							--		01626	04615												
316	8-	02748	04485			10		00861	04411			5-		01644	32414	5-		01644	04414												
333	1-	02655	06315			50		01863	02413			00		00890	00000	10		01852	00002												
334	--	02647	10428			--		02646	18316							--		02643	08314												
340	8-	02747	06427			20		00861	38501			04		05630	32301	10		05641	30301												
136	20	02856	05486			14		01854	32514			50		01741	04411	10		01841	05511												
336	54	02763	06426			54		02763	08426							51		02763	04417												
350	87	27855	03586			53		01854	35514							57		02765	65415												
308	77	02753	05527																												
379	23	02844	37426			10		01854	08414			00		05630	04500	2-		02747	02627												
390	73	02754	25425			43		02764	02585			53		05654	02417	5-		02767	04427												
282	96	25855	08486			76		02864	36525			50		00751	01401	53		01734	02514												
438	62	02735	02616													52		02735	04528												
430	5-	02857	35517			8-		02757	04427			50		05652	02312	53		61746	06567												
409	10	02855	05515			4-		02854	02524			00		00790	02300	30		05751	02421												

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



Mb. 1018 1016 1014 1012 1010 1008 1006 1004 1002 1000 998 996 994 992 990 988 986 984 982 980 978 976 974 972 970 968 966 964 962 960 958 956 954 952 950 948 946 944 942 940 938 936 934 932 930 928 926 924 922 920 918 916 914 912 910 908 906 904 902 900 898 896 894 892 890 888 886 884 882 880 878 876 874 872 870 868 866 864 862 860 858 856 854 852 850 848 846 844 842 840 838 836 834 832 830 828 826 824 822 820 818 816 814 812 810 808 806 804 802 800 798 796 794 792 790 788 786 784 782 780 778 776 774 772 770 768 766 764 762 760 758 756 754 752 750 748 746 744 742 740 738 736 734 732 730 728 726 724 722 720 718 716 714 712 710 708 706 704 702 700 698 696 694 692 690 688 686 684 682 680 678 676 674 672 670 668 666 664 662 660 658 656 654 652 650 648 646 644 642 640 638 636 634 632 630 628 626 624 622 620 618 616 614 612 610 608 606 604 602 600 598 596 594 592 590 588 586 584 582 580 578 576 574 572 570 568 566 564 562 560 558 556 554 552 550 548 546 544 542 540 538 536 534 532 530 528 526 524 522 520 518 516 514 512 510 508 506 504 502 500 498 496 494 492 490 488 486 484 482 480 478 476 474 472 470 468 466 464 462 460 458 456 454 452 450 448 446 444 442 440 438 436 434 432 430 428 426 424 422 420 418 416 414 412 410 408 406 404 402 400 398 396 394 392 390 388 386 384 382 380 378 376 374 372 370 368 366 364 362 360 358 356 354 352 350 348 346 344 342 340 338 336 334 332 330 328 326 324 322 320 318 316 314 312 310 308 306 304 302 300 298 296 294 292 290 288 286 284 282 280 278 276 274 272 270 268 266 264 262 260 258 256 254 252 250 248 246 244 242 240 238 236 234 232 230 228 226 224 222 220 218 216 214 212 210 208 206 204 202 200 198 196 194 192 190 188 186 184 182 180 178 176 174 172 170 168 166 164 162 160 158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110 108 106 104 102 100 998 996 994 992 990 988 986 984 982 980 978 976 974 972 970 968 966 964 962 960 958 956 954 952 950 948 946 944 942 940 938 936 934 932 930 928 926 924 922 920 918 916 914 912 910 908 906 904 902 900 898 896 894 892 890 888 886 884 882 880 878 876 874 872 870 868 866 864 862 860 858 856 854 852 850 848 846 844 842 840 838 836 834 832 830 828 826 824 822 820 818 816 814 812 810 808 806 804 802 800 798 796 794 792 790 788 786 784 782 780 778 776 774 772 770 768 766 764 762 760 758 756 754 752 750 748 746 744 742 740 738 736 734 732 730 728 726 724 722 720 718 716 714 712 710 708 706 704 702 700 698 696 694 692 690 688 686 684 682 680 678 676 674 672 670 668 666 664 662 660 658 656 654 652 650 648 646 644 642 640 638 636 634 632 630 628 626 624 622 620 618 616 614 612 610 608 606 604 602 600 598 596 594 592 590 588 586 584 582 580 578 576 574 572 570 568 566 564 562 560 558 556 554 552 550 548 546 544 542 540 538 536 534 532 530 528 526 524 522 520 518 516 514 512 510 508 506 504 502 500 498 496 494 492 490 488 486 484 482 480 478 476 474 472 470 468 466 464 462 460 458 456 454 452 450 448 446 444 442 440 438 436 434 432 430 428 426 424 422 420 418 416 414 412 410 408 406 404 402 400 398 396 394 392 390 388 386 384 382 380 378 376 374 372 370 368 366 364 362 360 358 356 354 352 350 348 346 344 342 340 338 336 334 332 330 328 326 324 322 320 318 316 314 312 310 308 306 304 302 300 298 296 294 292 290 288 286 284 282 280 278 276 274 272 270 268 266 264 262 260 258 256 254 252 250 248 246 244 242 240 238 236 234 232 230 228 226 224 222 220 218 216 214 212 210 208 206 204 202 200 198 196 194 192 190 188 186 184 182 180 178 176 174 172 170 168 166 164 162 160 158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110 108 106 104 102 100 998 996 994 992 990 988 986 984 982 980 978 976 974 972 970 968 966 964 962 960 958 956 954 952 950 948 946 944 942 940 938 936 934 932 930 928 926 924 922 920 918 916 914 912 910 908 906 904 902 900 898 896 894 892 890 888 886 884 882 880 878 876 874 872 870 868 866 864 862 860 858 856 854 852 850 848 846 844 842 840 838 836 834 832 830 828 826 824 822 820 818 816 814 812 810 808 806 804 802 800 798 796 794 792 790 788 786 784 782 780 778 776 774 772 770 768 766 764 762 760 758 756 754 752 750 748 746 744 742 740 738 736 734 732 730 728 726 724 722 720 718 716 714 712 710 708 706 704 702 700 698 696 694 692 690 688 686 684 682 680 678 676 674 672 670 668 666 664 662 660 658 656 654 652 650 648 646 644 642 640 638 636 634 632 630 628 626 624 622 620 618 616 614 612 610 608 606 604 602 600 598 596 594 592 590 588 586 584 582 580 578 576 574 572 570 568 566 564 562 560 558 556 554 552 550 548 546 544 542 540 538 536 534 532 530 528 526 524 522 520 518 516 514 512 510 508 506 504 502 500 498 496 494 492 490 488 486 484 482 480 478 476 474 472 470 468 466 464 462 460 458 456 454 452 450 448 446 444 442 440 438 436 434 432 430 428 426 424 422 420 418 416 414 412 410 408 406 404 402 400 398 396 394 392 390 388 386 384 382 380 378 376 374 372 370 368 366 364 362 360 358 356 354 352 350 348 346 344 342 340 338 336 334 332 330 328 326 324 322 320 318 316 314 312 310 308 306 304 302 300 298 296 294 292 290 288 286 284 282 280 278 276 274 272 270 268 266 264 262 260 258 256 254 252 250 248 246 244 242 240 238 236 234 232 230 228 226 224 222 220 218 216 214 212 210 208 206 204 202 200 198 196 194 192 190 188 186 184 182 180 178 176 174 172 170 168 166 164 162 160 158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110 108 106 104 102 100 998 996 994 992 990 988 986 984 982 980 978 976 974 972 970 968 966 964 962 960 958 956 954 952 950 948 946 944 942 940 938 936 934 932 930 928 926 924 922 920 918 916 914 912 910 908 906 904 902 900 898 896 894 892 890 888 886 884 882 880 878 876 874 872 870 868 866 864 862 860 858 856 854 852 850 848 846 844 842 840 838 836 834 832 830 828 826 824 822 820 818 816 814 812 810 808 806 804 802 800 798 796 794 792 790 788 786 784 782 780 778 776 774 772 770 768 766 764 762 760 758 756 754 752 750 748 746 744 742 740 738 736 734 732 730 728 726 724 722 720 718 716 714 712 710 708 706 704 702 700 698 696 694 692 690 688 686 684 682 680 678 676 674 672 670 668 666 664 662 660 658 656 654 652 650 648 646 644 642 640 638 636 634 632 630 628 626 624 622 620 618 616 614 612 610 608 606 604 602 600 598 596 594 592 590 588 586 584 582 580 578 576 574 572 570 568 566 564 562 560 558 556 554 552 550 548 546 544 542 540 538 536 534 532 530 528 526 524 522 520 518 516 514 512 510 508 506 504 502 500 498 496 494 492 490 488 486 484 482 480 478 476 474 472 470 468 466 464 462 460 458 456 454 452 450 448 446 444 442 440 438 436 434 432 430 428 426 424 422 420 418 416 414 412 410 408 406 404 402 400 398 396 394 392 390 388 386 384 382 380 378 376 374 372 370 368 366 364 362 360 358 356 354 352 350 348 346 344 342 340 338 336 334 332 330 328 326 324 322 320 318 316 314 312 310 308 306 304 302 300 298 296 294 292 290 288 286 284 282 280 278 276 274 272 270 268 266 264 262 260 258 256 254 252 250 248 246 244 242 240 238 236 234 232 230 228 226 224 222 220 218 216 214 212 210 208 206 204 202 200 198 196 194 192 190 188 186 184 182 180 178 176 174 172 170 168 166 164 162 160 158 156 154 152 150 148 146 144 142 140 138 136 134 132 130 128 126 124 122 120 118 116 114 112 110 108 106 104 102 100 998 996 994 992 990 988 986 984 982 980 978 976 974 972 970 968 966 964 962 960 958 956 954 952 950 948 946 944 942



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

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

Morning of  
Friday 25th April  
1941.

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. T Slight haze. & Fog.

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

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



# THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

 BRITISH SECTION  
 Friday 25th April 1941.  
 No. 22009.

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. (2)	Wind.		Weather.	Temp. °F. (6)	Humid. % (7)	Visib. in miles (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visib. in miles (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		Sun-shine 24 Hrs. (36)		
					Direc. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (11)	Form. (23)	Amount. (24)			Height of Base. (feet) (25)	Form. (26)					Amount. (27)	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. (12)	Med. (13)	High. (14)	Low. (28)		Med. (29)	High. (30)
1	London (Kew) ... 18	1019.2	-18	NE	5	20	38	85	6	5	-	10	10	2000	1016.7	-10	NNE	5	20	40	85	6	5	-	9	9	2500	1	*	45	38	34	Tr	-	2.6			
	Croydon ... 217	1020.0	-14	NNE	4	c	39	75	7	5	-	9	9	2000	1016.0	-10	NE	5	C/r	39	75	6	5	3	-	Tr	9	1400	0	*	47	37	35	Tr	Tr	1.7		
	S. Farnborough ... 226	1020.3	-22	NNE	4	bc	36	85	7	5	-	2-3	2-3	2500	1016.6	-14	NNE	4	c	39	75	7	5	7	-	7-8	10	1500	0	*	47	37	34	Tr	Tr	3.4		
	Boscombe Down ... 417	1018.5	-20	NE	4	20	39	75	6	-	-	0	0	-	1015.2	-14	NE/N	5	pr	40	75	7	5	7	-	7-8	10	4000	0	*	45	37	31	Tr	Tr	6.4		
	Thorney Island ... 10	1017.6	-22	NNE	3	c	41	75	6	8	-	10	10	1200	1014.4	-14	NE	6	c	42	65	8	9	2	-	7-8	9	800	0	5	46	38	35	0.3	Tr	Tr	6.4	
	Lympne ... 346	1017.0	-20	NE	4	c	42	75	7	5	7	-	9	10	2400	1014.2	-10	NE/E	6	c	42	65	7	5	-	9	9	2500	0	*	46	39	37	0.4	Tr	Tr	6.4	
	Manston ... 154																																					
2	Shoeburyness ... 11	1019.3	-18	NE	4	c	41	75	8	5	-	10	10	2500	1016.2	0	NE/N	5	c	43	65	8	5	-	-	10	10	2500	1	*	48	36	30	-	-	5.7		
	Felixstowe ... 15	1020.9	-16	NE	6	bc	42	65	7	-	7	-	0	2-3	-	1016.6	-10	ENE	6	b	43	65	8	1	4	-	Tr	1	2000	1	5	48	39	36	Tr	Tr	5.8	
	Gorleston ... 5	1020.9	-6	NNE	3	b	36	85	8	5	-	Tr	Tr	4000	1018.3	-10	NE	4	bc	42	75	8	1	-	-	2-3	2-3	2500	0	*	46	35	30	1	Tr	Tr	4.4	
	Mildenhall ... 19	1024.4	-12	NE/N	4	b	36	92	7	-	-	-	0	0	-	1022.3	-2	NE	4	b	42	85	7	1	-	-	1	1	2500	0	*	46	34	31	Tr	Tr	7.1	
	Cranwell ... 240																																					
3	Birmingham ... 535	1021.7	-18	NE/N	4	b	35	92	8	-	-	-	0	0	-	1021.5	-4	NNE	4	20	36	92	5	6	-	-	10	10	800	1	*	45	33	30	0.3	-	4.6	
	Upper Heyford ... 408																																					
4	Ross-on-Wye ... 223															1021.1	-12	NNE	4	c	37	75	7	5	-	-	9	9	2500	0	*	46	35	31	0.1	-	4.8	
5	Hartland Point ... 299	1022.3	-4	NNE	4	b	42	65	7	-	-	-	0	0	-	1019.9	-8	NE	4	bc	39	75	7	1	4	-	2-3	2-3	2000	0	4	46	38	35	-	-	7.7	
	Bristol ... 209	1022.4	-18	NNE	3	20	36	75	6	-	-	-	0	0	-	1019.7	-10	NE/N	4	c	38	75	7	5	-	-	7-8	7-8	1600	0	*	49	34	(32)	Tr	Tr	6.5	
	Portland Bill ... 32	1019.5	(-8)	NE	4	c	41	92	7	5	-	-	7-8	7-8	2500	1015.9	-12	NE	4	c	39	92	7	5	-	-	10	10	2500	1	5	49	37	*	-	7.7		
	Plymouth ... 82	1019.3	(-8)	NNE	2	b	39	55	7	-	-	-	0	0	-	1018.6	-6	NNE	4	20	38	75	8	1	4	-	Tr	Tr	3000	0	3	50	36	28	-	-	7.7	
	The Lizard ... 240	1021.8	-12	NNE	5	bc	39	65	7	4	-	-	4-6	4-6	2500	1018.8	-8	NNE	5	b	39	65	8	-	-	-	0	0	-	0	2	50	35	*	-	7		
	Scilly (St. Mary's) ... 163	1021.9	-14	NE/N	5	bc	45	65	7	8	-	-	4-6	4-6	1500	1020.1	-10	NNE	4	bc	43	55	7	5	4	-	-	1	2-3	1500	0	5	51	41	*	-	8.0	
	Guernsey ... 175																																					
6	Pembroke ... 142	1024.6	-4	NE/E	4	b	39	55	7	-	-	-	0	0	-	1022.3	-10	NE	4	bc	39	65	7	-	7	-	0	2-3	-	0	3	51	35	*	-	7.2		
7	Holyhead ... 26	1026.9	-6	ENE	4	20	40	85	6	-	3	-	0	Tr	-	1024.6	-10	NE	4	bc	42	85	8	5	-	5	1	1	2400	1	3	47	38	33	-	-	12.7	
	Chester (Sealand) ... 16	1026.1	-14	NNW	1	20	34	75	6	5	-	-	Tr	Tr	5000	1023.7	-12	NNW	2	20	38	65	6	-	-	-	0	0	-	1	*	51	32	27	-	-	9.2	
8	Manchester ... 70	1026.2	-14	NNE	2	20	36	75	6	5	-	-	Tr	Tr	4000	1023.7	-10	NE/N	4	20	39	85	6	1	-	-	Tr	Tr	2000	0	*	49	36	26	-	-	8.2	
10	Spurn Head ... 29	1024.3	-10	NE	6	bc	41	75	7	5	-	-	2-3	2-3	4000	1022.4	-8	NE	5	bc	43	75	7	-	1	-	0	2-3	-	0	5	47	39	*	-	9.5		
	Catterick ... 175	1027.9	-10	-	0	b	33	92	7	5	-	-	1	1	3500	1025.7	-6	NE	3	c	39	85	7	5	-	-	9	9	1500	0	*	46	32	26	-	-	12.0	
	Tynemouth ... 108	1028.2	-10	N	5	bc	40	85	7	8	-	-	2-3	2-3	2500	1027.0	-6	NNE	5	bc	41	85	8	2	-	-	2-3	2-3	3600	0	4	43	40	36	-	-	*	
11	St. Abbs Head ... 280	1029.6	-10	NE	3	C/r	39	92	8	5	2	-	7-8	10	1500	1028.3	0	NE	3	c	39	75	8	8	4	-	7-8	9	2500	1	3	42	37	*	-	Tr	*	
	Leuchars ... 36	1030.2	-10	E	1	c	40	85	8	5	3	-	4-6	7-8	3500	1028.7	-4	NE	2	bc	39	75	8	5	-	-	4-6	4-6	3200	1	*	47	38	37	-	-	13.9	
12	Renfrew (Abbots I.) ... 19	1030.5	-6	NE/E	1	20	40	75	6	5	-	-	7-8	7-8	4000	1028.6	-6	ENE	3	c	41	65	9	5	-	-	7-8	7-8	3200	0	*	53	38	28	-	-	12.0	
	Eskdalemuir ... 794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.4	-6	NE/E	3	bc	37	85	8	7	3	-	-	2-3	2-3	2500	1	*	49	32	29	-	-	11.8
	Point of Ayre ... 30	1029.0	-2	E	4	c	42	75	8	4	-	-	9	9	-	1026.5	-4	ENE	5	b	41	75	8	8	-	-	1	1	2500	0	4	50	39	*	-	-	13.0	
13A	Tiree ... 22	1028.7	-6	NNE	2	b	42	85	8	*	*	*	*	*	*	1025.9	-2	-	0	b	39	85	8	1	-	-	Tr	Tr	4000	0	2	47	33	*	-	-	19.1	
13B	Stornoway ... 80	1031.5	0	ENE	3	b	39	85	8	-	-	-	0	0	-	1030.1	-4	ENE	3	c	37	85	8	4	-	-	9	9	3000	1	3	47	37	*	-	-	13.8	
15	Dalwhinnie ... 1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1030.0	-4	NE	3	bc	35	85	8	2	-	-	4-6	4-6	2500	0	*	51	31	26	-	-	12.8	
	Aberdeen ... 79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1029.2	-2	N	2	c	40	75	8	5	-	-	9	9	2500	1	2	47	38	36	-	0.1	9.3	
	Wick ... 81	1031.5	-8	NNE	3	0	41	75	8	5	-	-	10	10	1500	1029.8	-4	NNE	3	c	41	75	8	5	6	-	7-8	9	1500	0	2	45	40	*	-	-	*	
16	Lerwick ... 156	1032.0	-4	NE	5	c	41	75	7	5	2	-	7-8	10	1500	1030.2	-8	NE	5	c	41	85	8	5	2	-	7-8	10	1500	0	*	45	39	*	-	-	0.3	
17	Blackrod Point ... 18	1028.7	-6	E	1	b	40	85	8	-	-	-	0	0	-	1026.9	-6	E	2	b	42	75	8	-	-	-	0	0	-	0	3	52	39	*	-	-	13.2	
18	Malin Head ... 84	1029.3	-12	NE/N	1	b	43	75	7	-	-	-	0	0	-	102																						



AIR  
MINISTRY.

## THE DAILY WEATHER REPORT

OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Saturday 26th April 1941.  
No 29,010.

No. 29,010

OBSERVATIONS at 13h. G.M.T. 25th April.

## OBSERVATIONS at 18h. G.M.T. 25th April

PAST 24 HOURS.

[illegible]

### EXPLANATION OF FIGURES, LETTERS AND SYMBOLS.

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

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

COLUMN 29 — STATE OF GROUND

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

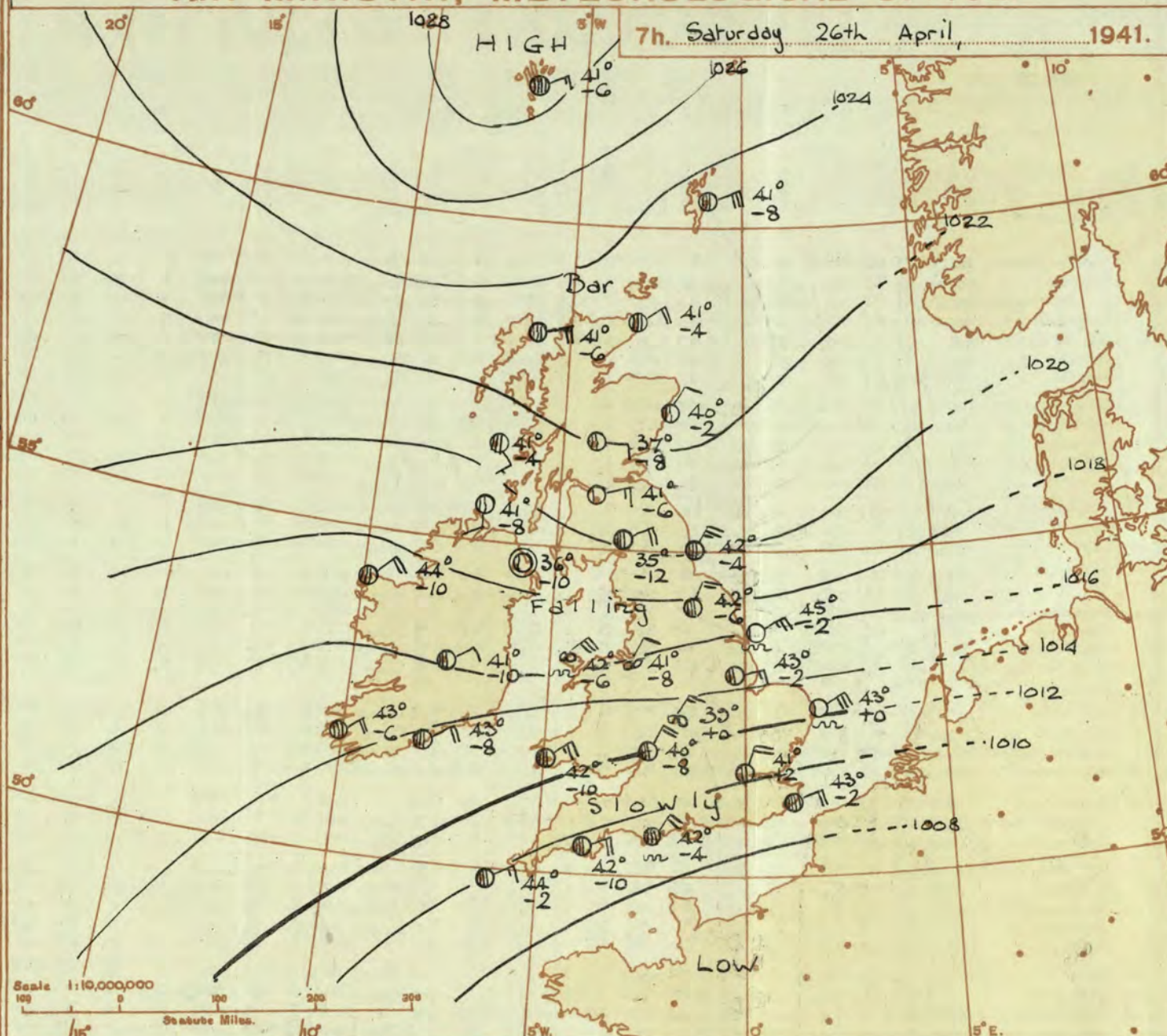


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 25th April 18h. G.M.T.							01h. G.M.T. 26th April 07h. G.M.T.						
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	
109	5-	03848	04428	5-	02848	02428	5-	03848	05528	5-	03848	04428	
115							53	03845	10428	73	02844	10427	
203	--	00890	30300	--	00890	02400				5-	00962	06412	
206	70	00862	04322	5-	02867	04227	5-	02858	06228	5-	02858	06128	
210	5-	02867	04327	5-	02848	04418	5-	02848	04328	5-	02858	06368	
220	10	01962	20102	00	00990	10200				10	01952	06202	
230	10	00961	30201	00	00990	19301	50	00894	00001	50	00951	08101	
245	50	00961	07601	50	00861	05501	5-	02957	02227	70	00961	04311	
260	10	00761	06301	10	00761	04301	5-	02708	04328	5-	02850	04326	
277													
279	10	00961	38501	00	00990	04500							
285	10	00851	06901	1-	00751	06502							
288	70	01755	02515	50	01751	36403	5-	17648	02428	8-	02747	02427	
273	00	01890	06104							25	05653	06405	
301	04	18890	39514	00	00790	40600	04	00790	04311	00	05690	04227	
321	10	01852	37412	00	01890	36502	00	00790	02300	50	01733	03814	
299	00	00790	02400	03	01790	02414	50	05643	04413	00	05690	04400	
292	10	00862	04402	00	00890	02405	04	00790	03202	00	01890	03-14	
310				--	01634	04614				--	03626	04626	
316	13	00862	04403	00	01890	37514	00	00790	02410	50	05543	02415	
383	14	01763	32303	00	00790	02400	04	05690	32202	00	01790	04214	
334	--	05645	08316	--	05645	08316				--	02645	08316	
340	14	01853	37513				07	05690	32301	01	05690	32314	
136	10	01841	37641	00	02890	37618	00	00790	04590	10	02844	05516	
386	14	01762	04413	13	01762	04514				54	02763	04415	
350							00	00790	04503	50	01864	03514	
368	10	01864	04514										
379	10	01864	04614	00	02890	04620	00	00790	04500	50	01713	02524	
390	14	01763	38514	11	02761	38518	01	05690	37528	01	02790	37415	
382	14	01854	04514	11	02861	37428	07	01790	03401	50	02732	04415	
438	51	02754	04616							60	01744	04514	
430	10	01863	37615	02	02890	37528	00	05690	02513	50	01753	04414	
409				43	05765	32510	07	05690	02428	57	02751	02428	

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



DISTRICTS.

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

1 S.E. England	Moderate or fresh northeast wind; fine, rather cold; slight ground frost at night.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	
5 S.W. England	
6 South Wales ...	Moderate or fresh northeast wind; fair to cloudy; rather cold.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	
10 N.E. England	
11 S.E. Scotland	Light or moderate east wind; fine; mild during day, ground frost at night.
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotl <sup>d</sup> B.N.W. Scot- land.	
14 Mid Scotland	
15 N.E. Scotland	
16 Orkneys and Shetlands	As 9-11.
17 N.W. Ireland	As 9-11
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.

The anticyclone over the Faeroes has decreased in intensity and is moving west. Weather will continue fair and rather cold.

FURTHER OUTLOOK.

Rather cold dry weather likely to continue

Forecasts issued at 10.30h.

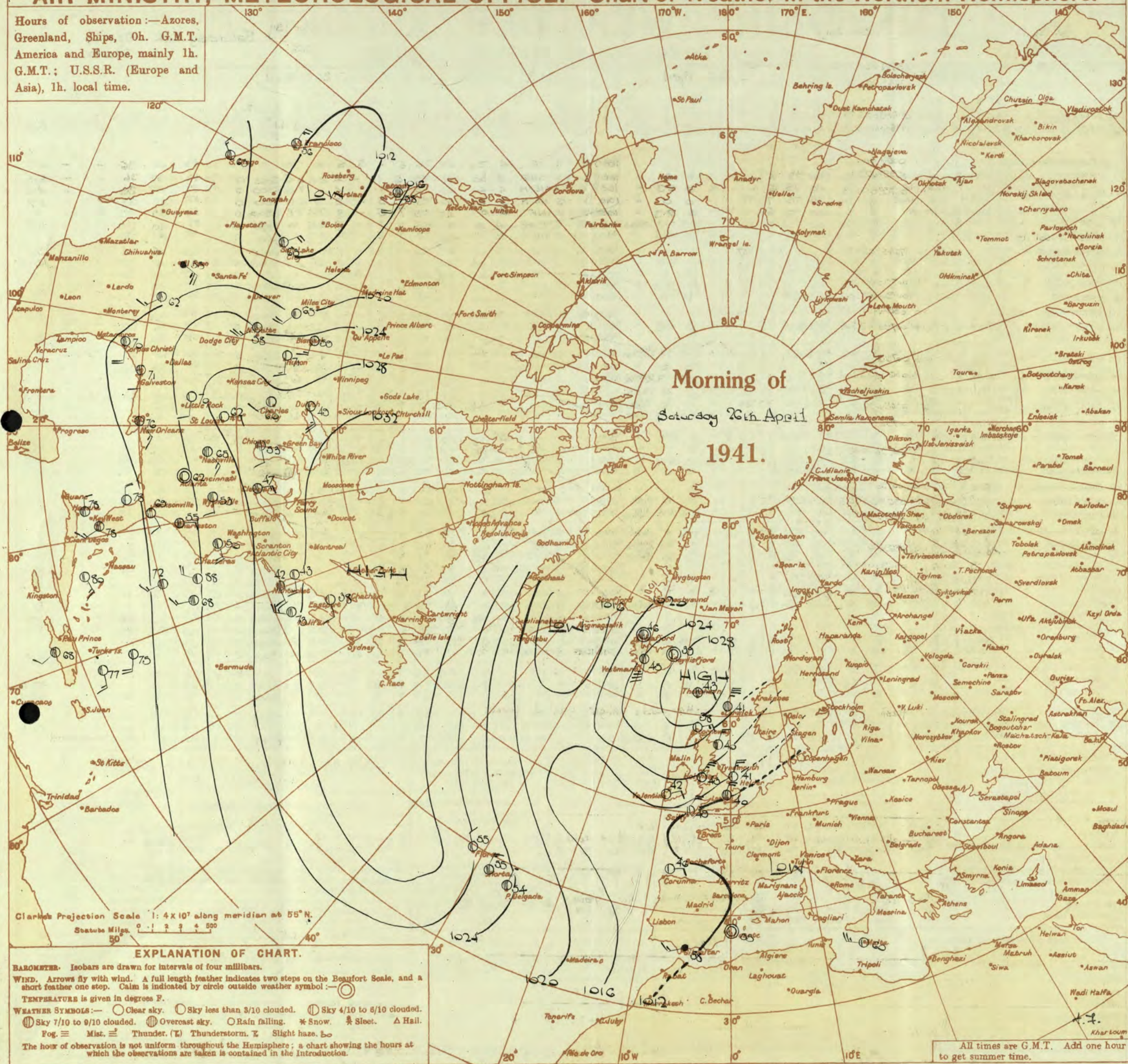
N. K. JOHNSON, D.Sc., A.R.C.S.  
Director.

M.O. Press, Central 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.

BRITISH SECTION  
Saturday 26th April, 1941.  
No. 29,010

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. (2)	Wind. (3)		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud. (9)					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind. (17)		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud. (23)					State of Ground. (29)	Sea. (30)	TEMPERATURE. (31)			RAINFALL. (34)		SUNSHINE Hrs. (36)			
					Direc. (4)	Force. (12)					Form. (10)	Amount. (11)	Height of Base. (feet) (14)	Direc. (18)	Force. (24)			Form. (24)	Amount. (25)					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	*	*	*	*	*	*	*	*	*	*	*	*	1009.8	-2	NE	4	20	42	75	6	-	S	6	0	9+	-	1	*	53	40	36	-	-	6.4				
	Croydon ... 217	1010.8	-10	NE	4	20	40	75	6	-	-	2	0	9	-	1009.3	+2	NNE	4	bc	41	75	6	1	-	2	4.6	2500	0	*	52	38	36	-	-	5.8			
	S. Farnborough ... 226	1010.7	-12	NE	4	20	40	75	6	-	-	8	0	2.3	-	1009.6	-4	NE	4	c	40	75	8	1	-	4	1	7.8	2500	0	*	54	37	35	-	-	4.6		
	Boscombe Down ... 417	1012.1	-6	NNE	4	20	38	75	7	-	-	-	0	0	-	1010.5	-8	NE	5	20	40	75	7	5	-	2	Tr	2.3	800	0	*	52	37	33	Tr	-	4.7		
	Thorney Island ... 10	1009.4	-10	N	4	20	40	75	6	-	-	7	0	2.3	-	1008.5	-2	NE	4	0	42	75	7	5	-	8	2.3	7.8	2500	0	*	53	35	33	-	-	*		
	Lymington ... 346	1009.8	-4	NE	5	20	43	75	6	S	-	-	2.3	2.3	4000	-	ENE	4	0	43	85	7	1	-	7	4.6	10	900	0	*	57	40	39	-	-	6.9			
	Manston ... 154	1008.6	-6	NE	5	20	43	75	6	-	-	6	0	4.6	-	1008.4	0	NE	5	c	42	75	7	5	-	6	2.3	7	600	0	*	48	41	38	-	-	*		
2	Shoeburyness ... 11	*	*	*	*	*	*	*	*	*	*	*	*	1010.2	0	NE	5	c	43	75	7	5	-	1	4.6	7.8	4000	0	*	50	41	36	-	-	5.6				
	Felixstowe ... 15	1011.3	-2	NE	5	c	43	75	8	-	-	1	6	0	7.8	-	E	5	bc	42	65	7	1	-	8	Tr	4.6	2000	0	4	50	41	37	-	-	10.4			
	Gorleston ... 5	1013.3	+4	NE	6	b	43	75	6	-	-	-	0	0	-	1012.4	0	NE	6	b	43	65	7	-	8	0	1	-	0	6	47	42	38	-	-	*			
	Mildenhall ... 19	1012.5	-6	NE	4	bc	41	75	8	-	-	7	0	2.3	-	1011.5	-2	NE	5	bc	42	75	8	1	-	8	1	4.6	2500	0	*	53	38	33	-	-	9.4		
	Cranwell ... 240	616.0	-10	NE	3	b	38	85	7	-	-	-	0	0	-	1015.0	-2	E	3	bc	43	75	7	1	-	2	2.3	4.6	2000	0	*	52	37	34	-	-	12.8		
3	Birmingham ... 535	*	*	*	*	*	*	*	*	*	*	*	*	1013.8	0	NNE	3	20	39	85	5	5	-	-	9+	9+	1500	1	*	53	35	32	-	-	9.7				
	Upper Heyford ... 408	1013.1	-8	NE	4	bc	39	85	7	-	-	7	6	0	4.6	-	1011.8	-6	NE	5	20	40	75	6	5	-	2	1	7.8	800	0	*	55	36	32	-	-	*	
4	Ross-on-Wye ... 223	*	*	*	*	*	*	*	*	*	*	*	*	1012.9	-8	NE	4	c	40	75	6	7	-	1	7.8	7.8	2500	0	*	53	35	34	-	-	8.4				
5	Hartland Point ... 299	1011.8	-14	NNE	6	c	44	65	7	S	2	-	4.6	9+	2500	1010.0	-2	NE	6	c	41	85	7	7	1	-	4.6	10	2100	0	4	50	41	41	-	-	10.4		
	Bristol ... 209	1013.6	-2	NE	3	20	40	75	6	-	-	-	0	0	-	1011.4	-10	NE	5	c	41	75	6	7	-	1	7.8	9	2000	0	*	55	37	32	-	-	7.5		
	Portland Bill ... 32	1009.8	-16	NE	4	c	45	92	7	S	-	-	7.8	7.8	2500	1008.6	-4	NE	4	c	42	92	8	5	-	10	10	4000	1	S	53	42	-	-	-	*			
	Plymouth ... 82	1011.6	-6	NE	4	c	44	55	7	S	1	7	Tr	10	3000	1009.8	-10	ENE	4	c	42	75	8	-	7	-	0	9+	-	0	3	54	41	38	-	-	8.3		
	The Lizard ... 240	1011.0	-20	NE	5	c	47	45	7	S	-	-	10	10	1500	1008.8	-16	NE	5	0	43	75	7	5	-	10	10	1500	0	3	52	43	-	-	-	9.0			
	Scilly (St. Mary's) ... 163	1011.9	-22	NNE	4	bc	47	75	6	S	-	-	4.6	4.6	1500	1009.9	-2	NE	3	c	44	65	7	8	7	-	2.3	10	1500	0	4	47	42	-	-	-	12.8		
	Guernsey ... 175																																						
6	Pembroke ... 142	1014.9	-4	NE	5	cq	44	55	7	-	-	7	0	7.8	-	1012.0	-10	NE	5	cq	42	65	7	-	7	-	0	9+	-	0	3	51	41	-	-	-	12.5		
7	Holyhead ... 26	1017.8	-6	NE	5	b	43	75	7	-	-	1	0	1	-	1016.2	-6	NE	6	20	42	85	6	2	8	-	8	2.3	9	1800	1	S	49	39	37	-	-	12.8	
	Chester (Sealand) ... 16	1017.7	-6	N	2	20	37	75	6	-	-	8	0	2.3	-	1016.0	-8	NNE	2	20	41	75	6	-	8	0	2.3	-	-	1	5	55	35	29	-	-	12.6		
8	Manchester ... 70	1017.9	-2	N	1	20	38	85	6	-	-	-	0	0	0	-	1016.5	-4	NE	3	20	41	75	6	5	-	2	2.3	7.8	2000	0	*	54	36	23	-	-	12.6	
10	Spurn Head ... 29	1018.5	-6	NE	5	b	41	55	7	-	-	-	0	0	0	-	1015.5	-2	NE	5	bc	45	85	7	-	4	4	0	2.3	-	0	5	49	40	-	-	-	12.7	
	Catterick ... 175	1019.6	-14	NE	3	20	39	85	6	S	-	-	10	10	900	1018.1	-6	NNE	3	c	42	85	7	5	-	5	7.8	9	2500	0	*	49	38	35	-	-	11.3		
	Tynemouth ... 108	1021.4	-8	NNE	5	bc	41	92	7	2	-	-	4.6	4.6	2500	1020.1	-4	NE	5	c	42	92	7	2	-	-	7.8	7.8	1200	0	4	44	41	39	-	-	*		
11	St. Abbs Head ... 280	1022.9	-10	N	3	c	39	85	8	5	-	-	7.8	5	1500	1020.9	-6	NE	3	c	39	92	8	5	-	-	7.8	9+	2000	0	3	42	38	-	-	-	*		
	Leuchars ... 36	1023.3	-6	NE	2	c	40	85	8	5	-	-	9+	9+	2500	1022.0	-2	NE	3	bc	40	75	8	5	-	-	2.3	9+	2500	0	*	46	36	32	-	-	11.3		
12	Renfrew (Abbots I.) ... 19	1023.4	-4	ENE	2	20	41	75	6	S	-	-	10	10	2000	1021.7	-6	ENE	3	b	41	75	8	1	-	-	Tr	Tr	2500	0	*	54	38	33	-	-	10.4		
	Eskdalemuir ... 794	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.3	-12	NE	4	c	35	85	8	5	-	-	10	10	2500	0	*	52	33	31	-	-	12.4		
	Point of Ayre ... 30	1020.6	0	ENE	5	b	40	85	8	-	-	-	0	0	0	-	1018.2	-6	ENE	6	c	39	75	8	1	4	6	1	7.8	2500	0	S	52	39	-	-	-	13.4	
13A	Tiree ... 22	1021.0	-2	E	3	b	41	85	8	-	-	5	0	Tr	-	1020.4	-1	SE	2	c	41	85	8	5	-	-	7.8	7.8	2800	0	3	47	33	-	-	-	13.3		
13B	Stornoway ... 80	1025.3	-10	ENE	3	b	38	92	7	S	-	-	Tr	Tr	4000	1023.8	-6	ENE	4	c	41	75	8	5	7	-	7.8	10	2500	1	3	46	37	-	-	-	9.2		
15	Dalwhinnie ... 1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.0	-8	E	2	bc	37	65	8	8	-	-	4.6	4.6	2500	0	*	53	32	24	-	-	11.6		
	Aberdeen ... 79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.5	-2	NNE	2	c	40	85	8	7	-	-	7.8	7.8	1500	1	3	45	35	29	-	-	7.5		
	Wick ... 81	1024.4	-8	NE	4	c	41	75	8	S	2	-	7.8	10	1500	1023.1	-1	NE	4	c	41	75	8	5	7	-	7.8	10	1500	0	3	44	40	-	-	-	*		
16	Lerwick ... 156	1024.9	-8	NE	7	c	41	75	7	8	7	-	7.8	9+	800	1023.1	-8	NE	6	c	41	75	8	5	2	-	7.8	10	1500	0	*	45	40	-	-	-	2.4		
17	Blacksod Point ... 18	1019.6	-14	E	3	b	45	85	7	-	-	-	0	0	0	-	1017.3	-10	NE	4	c	44	85	7	-	7	-	Tr	10	-	0	4	52	42	-	-	-	*	
18	Malin Head ... 84	1021.4	-12	N	1	b</																																	



SECRET

Page 1.

AIR  
MINISTRY.THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.BRITISH SECTION  
Sunday 27th April 1941.  
No. 22,011.

OBSERVATIONS at 13h. G.M.T. 26th April														OBSERVATIONS at 18h. G.M.T. 26th April														PAST 24 HOURS.								
Discreet.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. m.	Cloud.					Barom. at M.S.L. mb.	Change in 8 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visib. m.	Cloud.					State of Ground.	Sea.	WEATHER.						
				Dir.	Force.					Low.	Med.	High.	Low 0-10	Total 0-10			Height of Base (feet).	Dir.					Force.	Low 0-10	Total 0-10	Height of Base (feet).	7h.—13h. 26th			13h.—18h. 26th	18h.—24h. 26th	1h.—7h. 27th				
1	London (Kew) ...	1008.8	-8	NE'E	5	c	50	45	7	7	-	4	2-3	7-8	2500	1009.0	-6	NE'E	5	c	44	45	7	7	-	1	7-8	7-8	2500	0	*	cz, bay	bacy	cyc	c	
	Croydon ...	1008.8	-4	NE	5	bc	49	55	7	2	-	3	4-6	4-6	2500	1009.3	+10	NE	5	c	42	55	7	4	-	1	7-8	7-8	3000	0	*	bcz, bay	bacy	cza	xcz, v.	
	S. Farnborough	1008.1	-8	NE	5	c	52	45	7	1	-	4	4-6	3	4000	1008.3	+4	NE'E	4	c	46	45	7	4	-	1	4-6	7-8	4000	0	*	bcz, bay	bcz, bay	beyz, c	c	
	Boscombe Down	1008.2	-14	ENE	5	bc	53	45	7	-	-	2	0	4-6	-	1008.0	+2	ENE	5	bc	47	55	7	1	-	2	Tr	4-6	2500	0	*	beyz	beyz	beyz	beyz	
	Thorney Island	1007.2	-10	E'N	5	bc	52	45	3	1	-	4	4-6	4-6	4000	1007.1	+4	E'N	5	bc	46	55	7	1	-	6	Tr	4-6	4000	0	*	bcz, bay	beyz	beyz	beyz	
	Lymington	1009.0	+2	E'S	5	c	46	65	8	1	-	1	7-8	7-8	1500	1008.1	-2	NNE	6	bc	42	75	8	7	-	1	4-6	4-6	1500	0	5	bcz	beyz	beyz	beyz	
	Manston	1008.6	-4	NE'E	6	z	45	65	6	1	-	-	4-6	4-6	1000	1008.1	+2	NE'E	5	z	42	75	6	1	-	-	2-3	2-3	1200	0	*	bcz	beyz	beyz	beyz	
2	Shoeburyness ...	1010.4	-2	NE	6	bc	47	65	8	5	-	-	4-6	4-6	5700	1009.8	-2	NE	6	bc	41	75	8	1	-	-	2-3	2-3	2500	0	*	bcz	beyz	beyz	beyz	
	Felixstowe ...	1010.3	-2	ENE	6	bc	45	55	8	1	-	-	4-6	4-6	1500	1010.1	+2	ENE	6	c	42	65	7	5	-	-	7-8	7-8	2500	1	5	beyz	beyz	beyz	beyz	
	Gorleston ...	1013.0	0	NE'E	6	bc	43	65	7	7	-	-	4-6	4-6	2500	1011.9	-6	NE'E	6	c	42	65	7	5	-	-	7-8	7-8	2500	0	6	beyz	beyz	beyz	beyz	
	Mildenhall ...	1011.4	-2	NE'E	6	bc	49	45	8	1	-	-	4-6	4-6	3000	1010.9	-2	ENE	5	c	42	65	8	4	-	-	9+	9+	3000	0	*	beyz	beyz	beyz	beyz	
	Cranwell ...	1014.9	-2	ENE	5	c	45	65	8	8	-	-	3	3	2500	1013.7	-4	E	4	c/pr	38	62	7	9	-	-	10	10	800	1	*	beyz	beyz	beyz	beyz	
3	Birmingham	1012.0	-4	ENE	5	c	48	45	6	5	-	-	7-8	7-8	2500	1011.7	-2	NE	4	c	41	55	7	5	-	-	10	10	2500	1	*	bcz	beyz	beyz	beyz	
	Upper Heyford	1010.0	-10	NE	5	bc	52	45	8	7	-	2	2-3	2-3	2000	1009.3	-2	NE	5	c	42	55	8	5	-	-	7-8	7-8	3200	0	*	beyz	beyz	beyz	beyz	
4	Ross-on-Wye ...	1010.0	-14	NE	5	bcz	52	45	8	1	-	8	2-3	4-6	4000	1010.3	+4	NE	5	cq	43	55	8	5	-	-	7-8	7-8	4000	0	*	bcz, bay	beyz	beyz	beyz	
5	Hartland Point	1007.9	-10	NNE	5	c	48	65	7	1	-	8	2-3	7-8	2100	1005.8	-10	NNE	5	c	49	65	8	1	-	3	2-3	9+	4000	0	5	c	beyz	beyz	beyz	
	Bristol ...	1008.9	-18	NE	5	c	54	35	8	1	-	3	Tr	3	2800	1008.4	+4	NE	5	c	47	45	8	7	-	2	4-6	9	3000	0	*	cq, cy	beyz	beyz	beyz	
	Portland Bill	1006.4	-12	E	4	bc	49	42	8	2	-	-	4-6	4-6	4000	1005.3	-8	E	4	bc	47	42	8	5	-	-	4-6	4-6	4000	1	5	bcz	beyz	beyz	beyz	
	Plymouth	1008.1	-10	ENE	4	c	53	45	8	1	-	8	4-6	7-8	3000	1006.8	+2	SE'E	3	c	50	55	7	-	-	4	9	9	-	0	3	cq	beyz	beyz	beyz	
	The Lizard	1008.1	-4	ENE	4	c	49	65	8	8	-	6	7-8	7-8	2700	1006.0	-12	-	0	c	49	65	7	8	-	-	7-8	7-8	2500	0	2	bcz	beyz	beyz	beyz	
	Soilly (St. Mary's)	1008.3	-10	ENE	2	c	52	65	7	8	-	6	2-3	7-8	1500	1006.5	-10	NE	2	c	49	65	7	8	-	-	7-8	9+	1500	0	3	c	beyz	beyz	beyz	
	Guernsey	1008.3	-10	ENE	2	c	52	65	7	8	-	6	2-3	7-8	1500	1006.5	-10	NE	2	c	49	65	7	8	-	-	7-8	9+	1500	0	3	c	beyz	beyz	beyz	
6	Pembroke ...	1010.6	-10	E'N	4	c	53	45	7	-	7	-	0	3	-	1008.3	-6	ENE	5	c	50	55	7	2	-	-	4-6	9+	4000	0	3	cq, cy	beyz	beyz	beyz	
7	Holyhead ...	1012.7	-22	NE'E	6	cq	48	65	7	2	-	2	2-3	9+	2500	1011.3	-4	E'N	6	cq	47	75	6	5	-	-	9	9+	4000	1	5	cq, cy	beyz	beyz	beyz	
	Chester (Sealand)	1015.7	-12	ENE	5	z	50	45	6	5	-	-	3	3	3000	1013.1	0	E'N	4	z	45	45	6	5	-	-	9	9	3800	0	*	bcz, cz	beyz	beyz	beyz	
8	Manchester ...	1014.4	-8	ENE	5	c	48	45	7	5	-	-	3	3	3500	1013.7	-2	E'N	6	c	44	45	7	5	-	-	7-8	7-8	3500	0	*	bcz, cz	beyz	beyz	beyz	
10	Spurn Head ...	1015.2	-2	E'N	5	bc	44	75	7	5	-	-	4-6	4-6	2500	1014.2	-4	E'N	6	c	42	65	7	8	-	-	9+	9+	4000	0	5	bc	beyz	beyz	beyz	
	Catterick ...	1016.7	-10	ENE	4	c	48	65	7	8	-	-	7-8	7-8	2500	1016.1	0	E	4	c	43	55	8	7	-	-	7-8	7-8	2500	0	*	bcz	beyz	beyz	beyz	
	Tynemouth ...	1018.8	-4	E	5	bc	43	85	8	2	-	-	4-6	4-6	2800	1018.3	-2	E	5	bc	42	75	8	2	-	-	2-3	2-3	3400	0	4	bcz	beyz	beyz	beyz	
11	St. Abbs Head	1019.6	-6	NE	3	bc	41	75	8	2	-	-	2-3	4-6	2500	1018.2	-2	ESE	4	bc	41	75	8	2	-	-	2-3	4-6	2000	0	3	bc	beyz	beyz	beyz	
	Leuchars	1020.5	-10	ENE	6	bc	45	75	8	5	-	-	2-3	2-3	3200	1018.9	-8	E	6	c	43	75	8	4	-	-	4-6	7-8	2200	1	*	bcz	beyz	beyz	beyz	
12	Renfrew (Abbots L.)	1018.6	-14	E	4	bc	51	45	7	1	-	-	2-3	2-3	4000	1017.8	0	E	4	c	45	55	8	7	-	-	9	9	3500	0	*	beyz	beyz	beyz	beyz	
	Eskdalemuir	1017.0	-16	E'N	5	bc	48	45	8	7	-	-	2-3	2-3	2500	1016.5	-2	E	4	c	41	65	8	5	-	-	9+	9+	2500	0	*	bcz	beyz	beyz	beyz	
	Point of Ayre	1016.0	-16	NE'E	3	bc	49	75	8	1	-	4	2-3	4-6	2500	1014.3	-2	E'N	4	c	47	75	8	5	-	-	9+	9+	4000	0	4	bc	beyz	beyz	beyz	
13A	Tiree ...	1017.8	-6	E	2	b	49	75	8	-	-	5	0	Tr	-	1014.8	-10	N'E	3	b	46	75	8	-	-	5	0	Tr	-	0	3	bcz	beyz	beyz	beyz	
13B	Stornoway ...	1022.1	-16	E	4	c	43	75	8	5	-	-	7-8	9+	2500	1020.0	-8	NE	5	c	44	85	8	-	-	7	0	10	-	0	3	c	beyz	beyz	beyz	
15	Dalwhinnie ...	1020.2	-8	SE	2	b	54	35	8	1	-	-	1	1	4000	1018.0	-6	SE	3	bc	47	45	8	1	-	-	6	Tr	4-6	4000	0	*	beyz	beyz	beyz	beyz
	Aberdeen	1021.7	-10	E'N	3	b	45	85	8	5	-	-	Tr	Tr	800	1020.6	-4	SE	3	bc	42	85	7	5	-	-	4-6	4-6	1500	0	3	bcz	beyz	beyz	beyz	
	Wick	1022.4	-4	SE	2	bc	45	65	8	8	-	1	4-6	4-6	1500	1020.6	-8	ESE	3	bc	43	85	8	5	-	-	4	Tr	2-3	4000	0	3	bcz	beyz	beyz	beyz
16	Lerwick...	1022.6	-4	ENE	5	c	43	75	8	5	-	-	7-8	10	1500	1021.3	-4	ENE	3	c	42	75	8	5	-	-	7-8	9	1500	0	*	c	beyz	beyz	beyz	
17	Blackod Point...	1015.0	-16	ENE	5	c	50	65	7	-	-	7	0	9+	-	1012.6	-12	NNE	5	c	50	65	7	-	-											



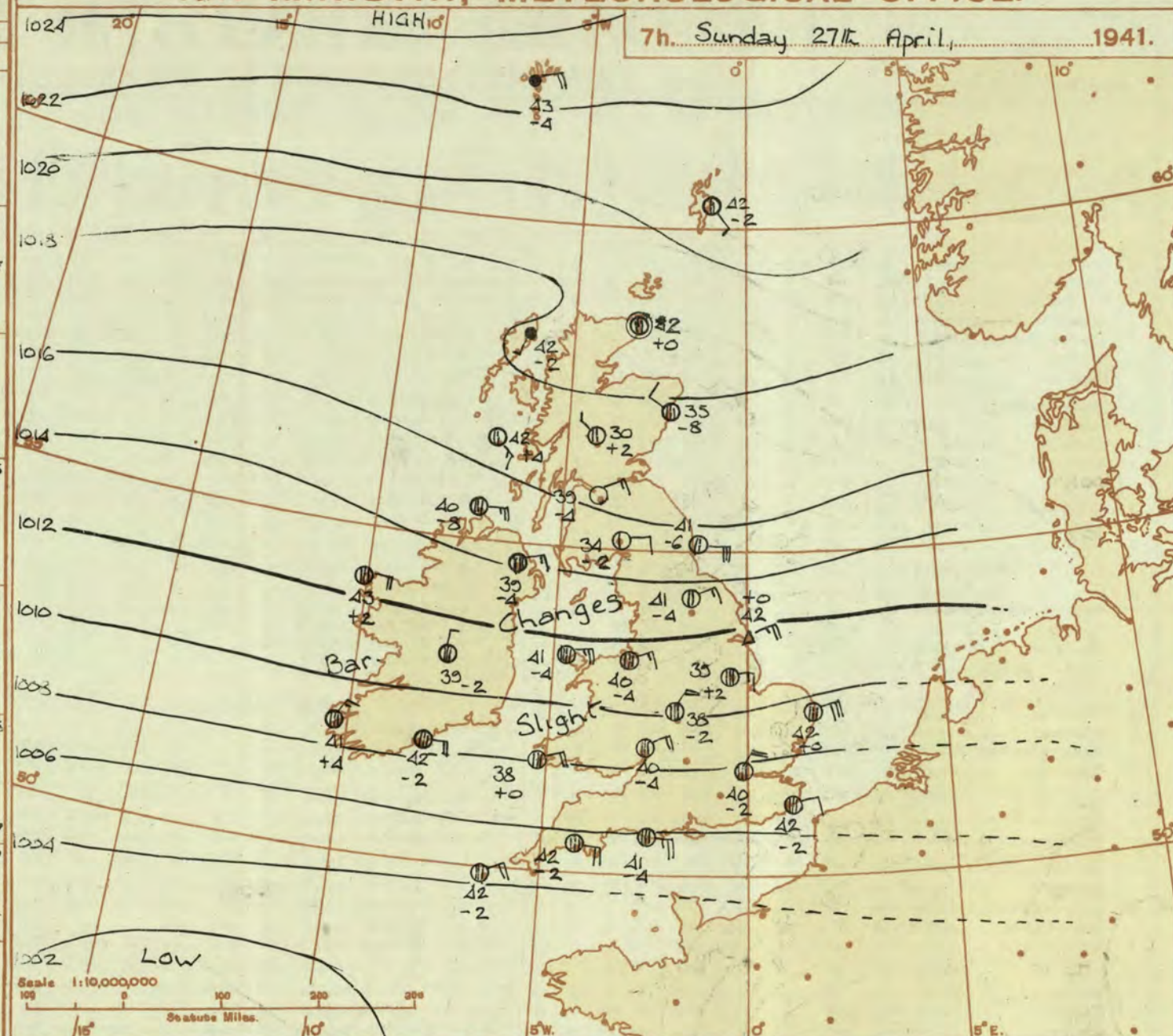
Abridged observations of additional stations in the

# AVIATION WEATHER CODE

13h. G.M.T. 26th April 18h. G.M.T.							01h. G.M.T. 27th April 07h. G.M.T.						
III	C <sub>W</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>W</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>W</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>W</sub>	wwVhN <sub>h</sub>	DDFWN	
109	5-	03858	08428	57	01862	10315	00	00390	00000	50	01962	11102	
115	53	03845	10428	54	02854	08425	51	01854	08225	53	01844	16316	
203										5-	02947	12327	
206	10	00851	06321	15	01861	04314	00	00850	08210	50	00862	00002	
210	10	00861	04411	50	01861	10504	00	00850	10320	53	01963	12114	
220	10	01952	08212	00	00900	31320				53	02962	09217	
230	10	00961	30301	10	00961	00301	50	00861	08302	04	00950	08204	
245	10	00961	05501	20	01752	10425	5-	02767	08317	53	01757	02427	
260	10	01864	06414	5-	02858	0641*	00	00750	00000	83	02565	06125	
277													
279	10	01863	30613	5-	02756	41526				50	00761	04311	
285	20	02856	08516										
288	8-	01744	03414	23	02864	38525	5-	02757	06327	84	02855	05426	
273	23	00652	09303										
301				5-	02766	06526	5-	05668	39428	5-	02868	06428	
321	5-	02768	39528	5-	02858	39528	5-	02758	05488	5-	02758	06358	
299	57	01744	04415	8-	02756	04516	5-	88755	07585	8-	25747	07487	
292	50	02858	05328							5-	27857	08287	
310													
316	5-	01757	04527	5-	02758	39428	5-	05658	39458	82	08645	06388	
333				5-	02867	06627	5-	05657	06417	7-	02866	04426	
334	--	02646	08316	--	03647	16328							
340	5-	02857	39617	5-	02867	06627	5-	05668	39528	5-	78868	06378	
136	7-	02847	39617	5-	02747	05567	8-	02757	06687	50	01873	07513	
336	74	02762	04515	51	02763	08527							
350	40	01864	36514	40	02852	04527				50	02858	04428	
368	10	02861	05626										
379	10	01853	06514	50	01765	06615	5-	02756	39526	5-	02758	39428	
390	10	01764	39514	7-	02757	39517	5-	05653	06413	57	06327	07041	
382	10	01853	04514	50	01854	05514	5-	02768	04418	5-	02867	04427	
438	70	01754	04514							56	02745	04327	
430	10	02853	39624	40	01854	37514	5-	02755	02515	5-	02767	02417	
409							00	00790	06410	34	05763	05203	

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

## AIR MINISTRY, METEOROLOGICAL OFFICE.



### DISTRICTS.

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

1 S.E. England	Moderate to fresh E to N.E. winds; cloudy; some light showers of rain with hail locally; Cold or rather cold.
2 E. England ...	
3 E. Midlands ...	
4 W. Midlands ...	Moderate N.E. winds, freshening; mainly cloudy; brighter intervals locally; rather cold.
5 S.W. England	
6 South Wales ...	Moderate easterly winds; mainly fair with some bright periods in the west; rather cold.
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	As 1-3.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light easterly winds; fair; bright periods especially in the west; mainly 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	Light to moderate easterly winds; mainly fair, but rather cloudy at times; rather cold.
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	

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

### GENERAL INFERENCE.

Pressure is high in a belt from west to east to northward of the British Isles and low in a similar belt to southward. A depression to northwest of Spain will move E or S.E. Rather cold easterly winds will be maintained over the country, with considerable cloud at times, in most districts. Slight showers of rain and hail will occur in eastern counties.

### FURTHER OUTLOOK.

Continuing rather cold with considerable cloud at times. Some light rain or drizzle propable in the S.E. half of the country.

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

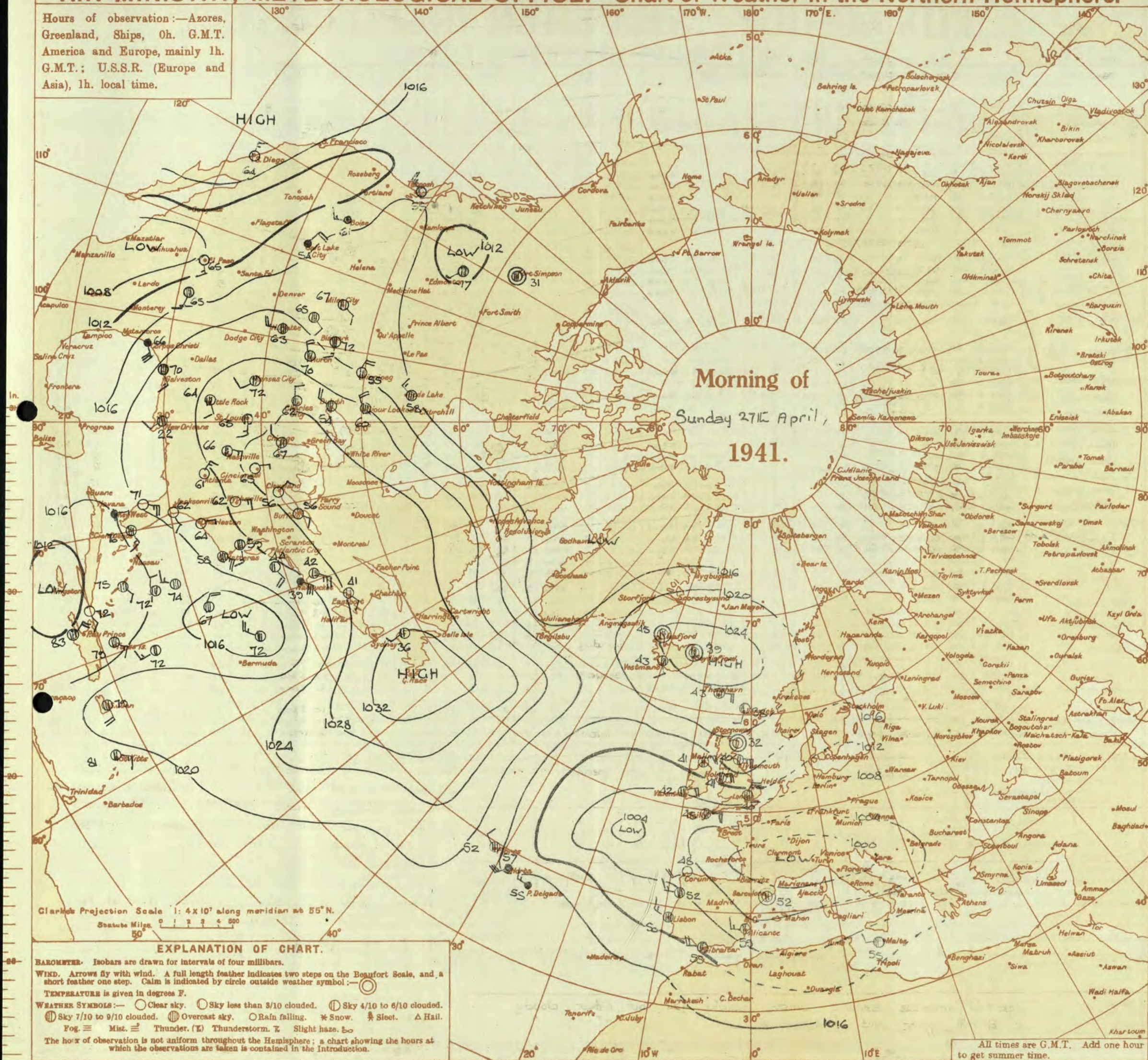
N. K. JOHNSON, D.Sc., A.R.C.S.  
 Director.

M.M.S.O. Press, Cannon 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 27th April 1941.

No. 2911.

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. (1)	Change in 3 hours. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. 0-9 (8)	Cloud.				Barom. at M.S.L. mb. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-9 (22)	Cloud.				State of ground. 0-9 (29)	Sea. 0-9 (30)	TEMPERATURE.			RAINFALL.		SUNSHINE Hrs. (36)				
					Dir.	Force. 0-12 (4)					Low.	Med.	High.	Low 0-10 (12)			Total 0-10 (13)	Height of Base. (feet) (14)					Dir.	Force 0-12 (18)	Low.	Med.			High.	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	217	1008.3	-8	NE	5	2	40	75	6	5	-	-	10	10	2500	1007.2	-4	NE	3	C	41	65	7	5	-	-	9+	9+	2500	0	*	51	40	35	-	-	10.3
	Croydon ... 226	1008.3	-14	NE	3	C	40	65	7	5	-	-	9+	9+	2800	1007.0	-2	NE	3	C/r	40	75	7	5	-	-	10	10	3500	0	*	50	39	38	-	Tr	9.8	
	S. Farnborough ... 417	1008.2	-14	NE/E	5	2	37	85	7	5	-	-	4-6	4-6	2000	1007.3	-2	NE/H	4	bc	40	65	7	5	-	-	2-3	2-3	3000	0	*	54	39	37	-	-	10.5	
	Thorney Island ... 10	1006.8	-10	NE	4	bc	41	75	7	5	-	-	4-6	4-6	5400	1006.0	0	NE	4	C	42	75	7	5	-	-	9+	9+	4000	0	*	53	38	33	-	-	11.4	
	Lympne ... 346	1008.0	-6	NE	3	2	40	75	6	5	-	-	4-6	4-6	4000	1007.0	-2	ENE	2	C	42	75	8	7	-	-	9+	9+	5500	0	*	47	38	33	-	-	11.7	
	Manston ... 154	1007.0	-8	ENE	5	2	40	75	6	5	-	-	4-6	4-6	5000	1006.6	+2	ENE	4	C	42	75	8	7	-	-	9+	9+	2000	0	*	48	40	38	-	-	-	
2	Shoeburyness ... 11	1007.7	-8	NE/E	5	C	42	65	7	5	-	-	9+	9+	3000	1007.6	-2	ENE	4	C/r	42	75	8	5	-	-	10	10	2500	0	*	49	39	35	-	Tr	8.7	
	Felixstowe ... 15	1010.3	-12	NE/E	6	C	42	65	6	8	-	-	10	10	1500	1007.5	-2	E/N	5	C	42	75	8	5	-	-	9+	9+	2500	0	4	47	40	38	-	-	11.5	
	Gorleston ... 5	1010.3	-12	NE/E	6	C	42	65	6	8	-	-	10	10	1500	1009.6	0	ENE	6	C	42	65	7	5	3	-	4-6	9	2000	0	5	44	41	39	-	-	*	
	Mildenhall ... 19	1009.7	-10	NE/E	3	C	40	55	8	8	-	-	7-8	7-8	3000	1008.7	+2	NE/E	3	C	41	65	8	8	-	-	9+	9+	3000	0	*	50	38	32	-	-	9.6	
	Cranwell ... 240	1012.1	-18	E/N	3	ph	39	75	7	9	-	-	10	10	1000	1011.4	+2	E	3	C/ph	39	75	8	8	7	-	9	9+	3500	0	*	48	37	37	0.1	Tr	6.4	
3	Birmingham ... 535	1010.0	-10	NE	5	C	39	55	7	5	-	-	9+	9+	3700	1009.8	-2	NE	4	C	38	75	6	5	-	-	10	10	1500	1	*	45	37	36	-	-	3.8	
	Upper Heyford ... 408	1010.0	-10	NE	5	C	39	55	7	5	-	-	9+	9+	3700	1009.8	-2	NE	4	C	38	75	6	5	-	-	10	10	1500	1	*	45	37	36	-	-	-	
4	Ross-on-Wye ... 223	1010.0	-10	NE	5	C	39	55	7	5	-	-	9+	9+	3700	1009.1	-4	NE/E	4	C	39	55	8	5	-	-	10	10	3500	0	*	53	37	32	-	-	9	
	Hartland Point ... 299	1006.7	-6	NE	4	bc	40	85	7	-	4	-	0	2-3	-	1006.3	0	ENE	4	bc	39	75	8	5	-	-	4-6	4-6	3000	0	4	50	37	35	-	-	6.1	
	Bristol ... 209	1007.3	-6	ENE	4	b	37	65	7	-	-	-	0	0	-	1008.4	+2	ENE	4	C	40	65	8	5	3	-	2-3	7-8	4000	0	*	55	35	28	-	-	11.6	
	Portland Bill ... 32	1005.8	-8	ENE	5	bc	43	92	8	5	-	-	4-6	4-6	4000	1004.8	-4	ENE	5	C	41	92	8	5	-	-	10	10	2500	1	5	50	39	*	-	-	*	
	Plymouth ... 82	1007.3	-2	E/S	3	20	39	55	6	-	4	-	0	1	-	1005.9	-2	E	4	C	40	65	7	5	-	-	9+	9+	3500	0	3	55	37	34	-	-	8.1	
	The Lizard ... 240	1005.4	-10	ENE	6	bc	43	75	7	8	-	-	4-6	4-6	1500	1004.3	-4	ENE	5	C	42	75	8	8	2	-	9	10	1800	0	4	51	40	*	-	-	2.2	
	Scilly (St. Mary's) ... 163	1005.4	-6	E	4	C	45	75	6	5	-	-	9+	9+	1500	1004.1	-2	NE/E	4	C	42	85	7	8	-	-	7-8	7-8	1500	0	4	52	40	*	-	-	4.8	
	Guernsey ... 175	1005.4	-6	E	4	C	45	75	6	5	-	-	9+	9+	1500	1004.1	-2	NE/E	4	C	42	85	7	8	-	-	7-8	7-8	1500	0	4	52	40	*	-	-	-	
6	Pembroke ... 142	1009.4	-2	ENE	4	bc	38	75	7	-	-	-	0	0	-	1008.1	0	NE/E	4	C	38	75	8	7	-	-	7-8	7-8	4000	0	3	54	35	*	-	-	4.9	
7	Holyhead ... 26	1012.4	-2	E	5	20	41	65	6	5	-	-	10	10	2800	1011.0	-4	ENE	5	C/r	41	85	8	8	-	-	10	10	2200	1	4	50	40	38	-	Tr	8.7	
	Chester (Sealand) ... 16	1012.2	-6	ENE	3	20	40	65	6	5	7	-	4-6	10	4000	1011.3	-4	NE/E	3	20	40	65	6	7	-	-	10	10	3500	0	*	51	39	37	-	Tr	4.7	
8	Manchester ... 70	1013.0	-14	ENE	4	20	40	65	6	5	-	-	7-8	10	2500	1012.0	-2	NE/E	4	C/r	40	65	7	5	-	-	4-6	9+	2800	0	*	45	39	36	-	Tr	3.3	
10	Spurn Head ... 29	1012.8	-10	EN	5	0	42	65	6	8	-	-	10	10	2500	1011.1	0	ENE	5	phr	42	75	7	8	-	-	9+	9+	2500	1	5	46	39	*	-	Tr	9.0	
	Catterick ... 175	1015.0	-18	ENE	3	bc	39	75	7	5	-	-	4-6	4-6	3000	1013.5	-4	ENE	3	C	39	75	9	8	-	-	9+	9+	3500	0	*	48	37	34	-	Tr	6.7	
	Tynemouth ... 108	1017.1	-12	E	6	bc	40	85	7	2	-	-	2-3	2-3	2500	1015.6	-6	E	6	bc	41	97	8	8	2	3	4-6	4-6	2500	0	4	44	40	36	-	-	*	
11	St. Abbs Head ... 280	1017.4	-14	E	5	bc	40	75	8	4	4	-	2-3	4-6	2500	1016.0	-8	NNE	4	C	39	85	9	8	3	-	4-6	9+	2500	0	3	43	39	*	-	Tr	*	
	Leuchars ... 36	1018.6	-10	ENE	3	bc	40	75	8	5	-	-	4-6	4-6	2200	1017.0	-6	ENE	3	C	41	75	8	8	7	-	4-6	9+	2400	0	*	46	39	37	-	-	10.5	
12	Renfrew (Abbots I.) ... 19	1018.4	-4	E/N	1	20	36	85	6	5	-	-	Tr	Tr	3500	1017.1	-4	ENE	3	b	39	75	8	8	-	-	1	9+	3500	0	*	51	45	21	-	-	11.7	
	Eskdalemuir ... 794	1019.3	-2	SE	5	C	41	85	8	5	-	-	7-8	7-8	2500	1015.6	-2	E/H	2	b	34	75	8	7	-	-	1	1	2500	0	*	50	27	22	-	-	4.6	
	Point of Ayre ... 30	1019.3	-2	SE	5	C	41	85	8	5	-	-	7-8	7-8	2500	1013.8	-4	E/H	4	C	41	75	8	8	3	-	7-8	9+	2500	0	4	51	39	*	-	-	5.8	
13A	Tiree ... 22	1016.5	0	SE	4	C	40	75	8	5	-	-	7-8	7-8	2500	1017.1	+4	SE/E	3	bc	42	65	8	1	-	-	2-3	2-3	3500	0	3	48	39	*	-	-	10.6	
13B	Stornoway ... 80	1019.0	-4	NE	3	b	39	92	7	5	-	-	Tr	Tr	3500	1018.3	-2	SW	1	C	42	85	8	5	7	-	9+	10	3500	0	1	47	37	*	-	-	6.4	
15	Dalwhinnie ... 1176	1017.0	-4	NE	3	b	39	92	7	5	-	-	Tr	Tr	3500	1017.4	-6	NW	1	bc	30	75	8	1	4	-	Tr	2-3	4000	1	*	56	20	10	-	-	12.7	
	Aberdeen ... 79	1017.0	-4	NE	3	b	39	92	7	5	-	-	Tr	Tr	3500	1018.0	-8	NW	2	C	35	97	7	5	7	-	1	9+	4000	1	2	46	32	30	-	Tr	10.8	
	Wick ... 81	1020.0	-2	SSE	3	b	40	75	8	5	-	-	Tr	Tr	4000	1019.2	0	-	0	bc	42	75	8	5	3	-	1	2-3	4000	0	2	45	37	*	-	-	-	
16	Lerwick ... 156	1021.1	0	SW	2	bc	38	85	8	5	-	-	4-6	4-6	1500	1020.2	-2	SE	1	bc	42	75	8	5	-	-												



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

BRITISH SECTION

Monday 28th April, 1941.  
No 29,012

PAST 24 HOURS.

OBSERVATIONS at 13h. G.M.T. 27th April.														OBSERVATIONS at 18h. G.M.T. 27th April.														PAST 24 HOURS.							
Distances.	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.					
				Dirce. (3)	Force. (4)					Form.	Amount. Low 0-10 Total 0-10 (11) (12)	Height of Base. (feet) (14)	Dirce. (17)	Force. (18)			Form.	Amount. Low 0-10 Total 0-10 (23) (24)					Height of Base. (feet) (25)	7h.—13h. 27th. (37)	13h.—18h. 27th. (38)	18h.—24h. 1h. 28th (39)	1h.—7h. 28th (40)								
1	London (Kew)...	1007.5	+2	ENE	5	Zo	45	45	8	-	-	10	10	2500	1007.3	+4	NE'E	4	Zo	43	55	6	5	-	-	9+	9+	2500	0	*	Czoy	Czoy	Czoy	Czoy	
	Croydon ...	1007.2	-2	ENE	4	C	44	55	7	2	3	-	7-8	2500	1007.8	+4	NE	3	pr	46	55	7	8	-	-	2-3	7-8	2000	0	*	Cir pr	Cir pr	Cir pr	Cir pr	
	S. Farnborough	1007.3	-2	E	4	C	45	45	7	7	-	-	9+	3200	1007.7	+4	E	3	C	43	55	7	7	-	-	10	10	3500	0	*	Cir mcy	Cir mcy	Cir mcy	Cir mcy	
	Boscombe Down	1007.2	-4	ENE	5	Zo	45	65	6	7	-	-	10	10	2500	1007.2	0	ENE	5	Zo	43	45	6	5	-	-	9	9	6000	*	*	Czoy	Czoy	Czoy	Czoy
	Thorney Island	1005.3	-2	NE	4	C	47	55	8	8	-	-	9+	4000	1006.5	+2	ENE	4	C	44	55	8	5	-	-	9	9	4000	0	*	Ccy	Ccy	Ccy	Ccy	
	Lymington	1007.3	+2	NE	4	C	44	55	8	7	3	-	7-8	1500	1007.6	+2	NNE	3	bc	42	65	8	7	-	-	4-6	4-6	2200	0	*	C	C	C	C	
	Manston	1007.0	0	NE'E	5	bc	44	55	8	7	-	-	2-3	2-3	2500	1007.1	-2	NE'E	3	C	42	55	8	2	-	-	7-8	7-8	3000	0	*	Cpr cbc	Cpr cbc	Cpr cbc	Cpr cbc
2	Shoeburyness ...	1008.5	+4	ENE	4	bc	46	55	8	7	-	-	2-3	2-3	5700	1008.3	-2	NE	3	C	42	65	8	8	-	-	7-8	7-8	4000	0	*	Cbc	Cbc	Cbc	Cbc
	Felixstowe ...	1008.3	+2	E'N	5	bc	45	55	8	1	-	-	2-3	2-3	3000	1008.3	+2	NE'E	4	pr	42	65	8	8	-	-	9+	9+	2500	1	*	C, b, y	C, b, y	C, b, y	C, b, y
	Gorleston ...	1008.3	-6	NE'E	5	C	42	65	7	2	-	-	7-8	7-8	3000	1008.5	0	NE'E	5	bc	42	55	7	7	-	-	4-6	4-6	2500	0	*	Ccy	Ccy	Ccy	Ccy
	Mildenhall ...	1008.3	0	ENE	4	C	43	55	8	5	-	-	9+	9+	2500	1008.7	+4	NE'E	3	C	42	45	8	4	-	-	9	9	4000	0	*	Cbcycy	Cbcycy	Cbcycy	Cbcycy
	Cranwell ...	1011.5	-2	ENE	2	C	41	85	8	8	-	-	9+	9+	1800	1011.3	+2	ENE	3	C	35	65	8	2	6	-	4-6	7-8	2500	0	*	C	C	C	C
3	Birmingham	1009.2	-2	ENE	3	C	42	55	6	8	-	-	10	10	1500	1009.4	+2	S	3	C	41	65	6	8	-	-	10	10	1500	1	*	C	C	C	C
	Upper Heyford	1008.4	0	E'N	4	C	43	45	8	5	-	-	9+	9+	2500	1008.7	+8	NE	4	C	42	55	8	5	-	-	9+	9+	3000	0	*	Cy	Cy	Cy	Cy
4	Ross-on-Wye ...	1008.1	-4	E'N	4	C	45	45	8	5	-	-	10	10	4000	1008.1	+4	NE'E	4	C	44	45	8	5	-	-	10	10	2500	0	*	Cy	Cy	Cy	Cy
5	Hartland Point	1005.7	0	NNE	4	C	47	65	8	5	4	-	4-6	7-8	3000	1005.4	+2	NNE	4	C	45	65	8	5	6	-	7-8	9+	2000	0	3	Cbc	Cbc	Cbc	Cbc
	Bristol ...	1007.4	-2	ENE	4	C	45	55	7	7	-	-	10	10	3600	1007.5	+2	NE	2	C	45	45	8	5	-	-	9+	9+	3500	0	*	Cbcy	Cbcy	Cbcy	Cbcy
	Portland Bill ...	1004.7	0	ENE	4	C	43	52	8	5	-	-	10	10	4000	1005.1	+4	E	4	C	45	32	8	4	-	-	10	10	4000	1	5	C	C	C	C
	Plymouth ...	1005.3	-2	E	4	bc	50	55	8	1	3	-	2-3	4-6	3000	1006.2	+4	E'S	4	C	46	65	7	7	3	-	9+	9+	3500	0	3	Cy	Cy	Cy	Cy
	The Lizard ...	1004.2	0	ENE	6	C	47	75	8	8	2	-	9	10	1500	1004.4	+2	E	6	bc	47	65	8	8	6	-	4-6	4-6	3500	0	5	Cy	Cy	Cy	Cy
	Soilly (St. Mary's)	1003.3	-8	ENE	4	C	50	75	7	8	-	-	9	9	1500	1003.6	-2	E'N	3	C	47	85	7	8	3	-	7-8	9+	1500	0	4	Cbc	Cbc	Cbc	Cbc
	Guernsey ...	1003.3	-8	ENE	4	C	50	75	7	8	-	-	9	9	1500	1003.6	-2	E'N	3	C	47	85	7	8	3	-	7-8	9+	1500	0	4	Cbc	Cbc	Cbc	Cbc
6	Pembroke ...	1007.3	-6	E'N	4	C	46	55	8	8	6	-	7-8	9+	3000	1006.8	-4	E	4	bc	46	55	7	2	7	-	2-3	4-6	3500	0	3	Cy	Cy	Cy	Cy
7	Holyhead ...	1009.3	-6	ENE	6	C	43	75	7	5	-	-	10	10	2500	1009.4	0	NE'E	5	Zo	44	65	6	5	-	-	9+	9+	5700	1	3	Cpr cbc	Cpr cbc	Cpr cbc	Cpr cbc
	Chester (Sealand)	1010.5	-2	NE'E	3	pr	42	65	8	8	-	-	7-8	9+	2200	1010.2	+4	E'N	3	pr	43	65	6	5	-	-	10	10	3000	1	*	Cm cy	Cm cy	Cm cy	Cm cy
8	Manchester ...	1011.3	-6	NE'E	4	C	42	65	8	3	-	-	7-8	7-8	3000	1010.8	+4	E'N	3	pr	42	65	6	8	3	-	7-8	9+	3000	0	*	Czoy prq	Czoy prq	Czoy prq	Czoy prq
10	Spurn Head ...	1010.4	-2	E	4	C	44	75	7	8	6	-	4-6	7-8	2500	1011.2	0	E'N	4	bc	42	65	7	7	6	-	2-3	4-6	4000	0	4	C	C	C	C
	Catterick ...	1012.3	-10	E	4	C	43	55	8	8	-	-	9	9	2500	1012.1	+8	ENE	4	bc	41	45	8	3	-	-	2-3	2-3	3000	0	4	Cph cy	Cph cy	Cph cy	Cph cy
	Tynemouth ...	1014.6	-8	E	5	C	42	75	8	2	-	-	4-6	4-6	3000	1014.3	0	E	4	bc	40	75	8	2	3	-	4-6	4-6	3000	1	4	Cph cy	Cph cy	Cph cy	Cph cy
11	St. Abbs Head	1015.2	-2	SE	3	C/ph	36	57	8	8	4	-	4-6	9	2000	1014.0	-2	NNE	3	bc	35	75	8	8	4	-	4-6	4-6	2000	0	3	Cph	Cph	Cph	Cph
	Leuchars ...	1015.4	-10	ENE	3	bc	43	85	8	3	6	1	2-3	4-6	1500	1014.8	+2	ENE	4	ps	40	85	8	3	-	-	7-8	7-8	1800	1	*	Cpr mcy	Cpr mcy	Cpr mcy	Cpr mcy
12	RAF Abbots L.	1015.2	-10	NE'E	4	pr	42	75	8	8	7	1	4-6	9	2500	1013.6	-6	ENE	3	C	45	45	8	8	-	-	4-6	7-8	3000	0	*	Cpr mcy	Cpr mcy	Cpr mcy	Cpr mcy
	Eskdalemuir ...	1013.2	-8	ENE	4	bc	42	65	8	5	-	-	4-6	4-6	2500	1012.6	0	ESE	4	bc	41	55	8	5	-	-	4-6	4-6	1500	0	*	Cpr mcy	Cpr mcy	Cpr mcy	Cpr mcy
	Point of Ayre ...	1011.3	-12	ENE	4	bc	46	65	8	2	4	5	1	4-6	4000	1011.4	-2	E'N	4	C	44	65	8	-	6	9	0	9	-	0	3	Cbc	Cbc	Cbc	Cbc
13a	Three ...	1014.6	-12	N	3	C	43	75	8	2	3	-	2-3	4-6	2500	1012.7	-4	N'E	3	C	45	75	8	8	-	-	9	9	1800	0	3	Cbc	Cbc	Cbc	Cbc
13b	Stornoway ...	1017.6	-4	SSE	1	C	46	55	8	5	7	-	4-6	9	3500	1017.5	-6	ENE	3	C	45	75	8	5	7	6	Tr	9+	3000	0	3	Cy	Cy	Cy	Cy
15	Dalwhinnie ...	*	-8	NE	2	ps	39	85	8	5	-	-	4-6	7-8	1500	1015.6	-6	NE	3	ps	37	85	7	5	7	6	Tr	9+	1500	1	*	Cy	Cy	Cy	Cy
	Aberdeen ...	1016.6	-6	ENE	2	pr	42	85	8	3	-	-	10	10	1500	1015.3	-4	E'N	3	Cjp	40	75	8	5	7	8	7-8	7-8	1500	0	*	Cpr	Cpr	Cpr	Cpr
	Wick ...	1017.8	-10	NE	3	C	43	65	8	3	1	-	1	10	2500	1017.2	-6	ESE	4	C	39	75	8	8	7	-	4-6	9	1500	0	3	Cbc	Cbc	Cbc	Cbc
16	Lerwick ...	1019.2	-6	ENE	4	C	44	65	8	5	7	-	4-6	7-8	1500	1019.3	+4	ESE	4	bc	41	65	8	7	-	-	4-6	4-6	2500	0	*	Cbc	Cbc	Cbc	Cbc
17	Blackad Point...	1012.1	-4	E	4	C	44	65	8	-	7	-	0	10	-	1010.8	-4	ENE	4	C	45	65	8	-	7	-	0	9+	-	0	4	C	C	C	C
18																																			



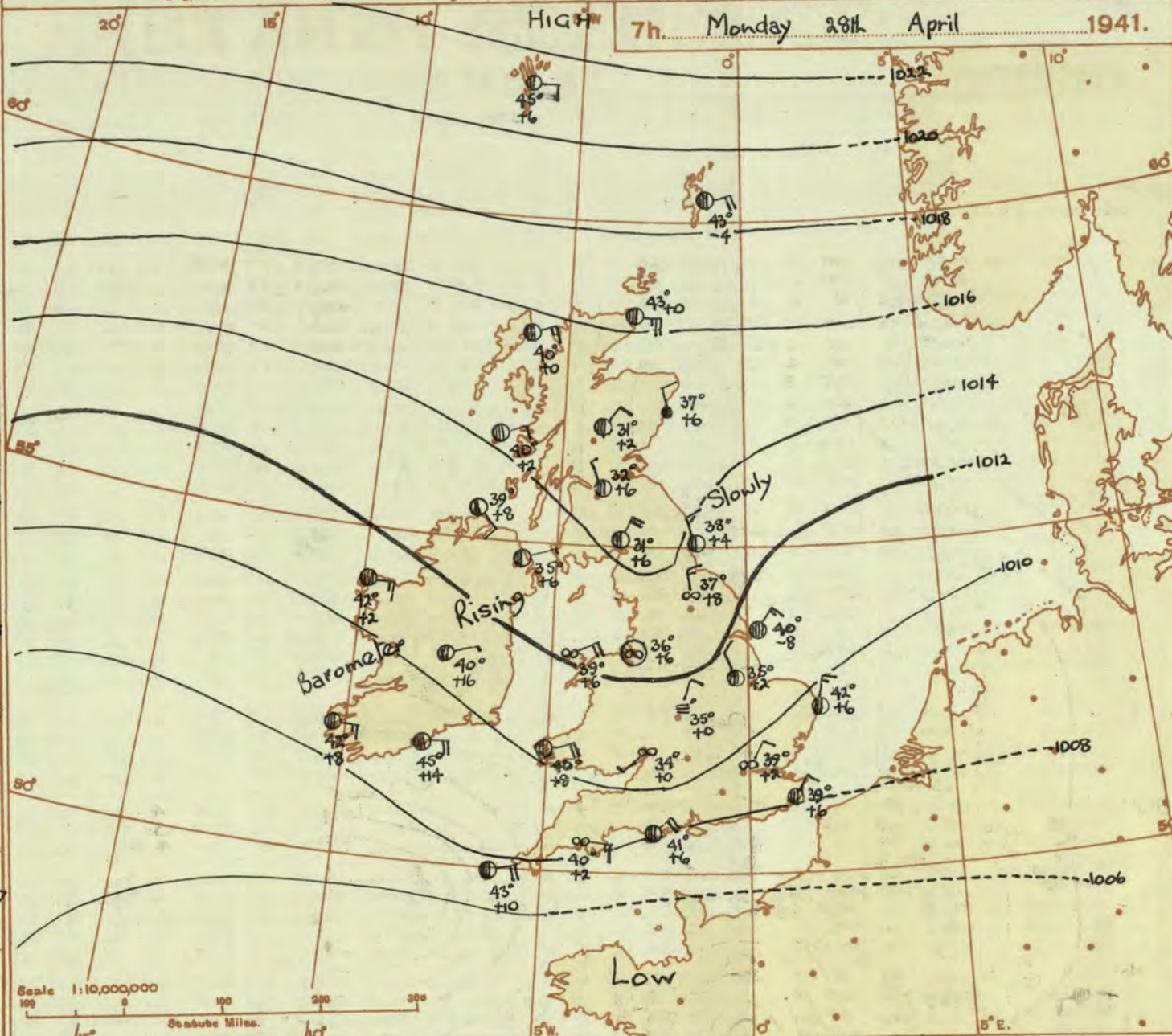
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 27th April 18h. G.M.T.				01h. G.M.T. 28th April 07h. G.M.T.			
III, C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>
109 57	01952	19214	86	02754	08485	5-	02757
115			53	02844	08425	52	01844
203 2-	01945	32215	34	02954	06325	8-	01954
206 29	02963	08215	87	02954	10426	5-	51385
210 23	02953	04414	52	02843	04587	3-	81337
220 13	01963	21204				02	68628
230 8-	02966	08386	86	02853	06387	5-	01864
245 93	02844	06426	96	81845	06586	5-	02755
260 33	10754	04385	20	01863	06314	40	26754
277						8-	02785
279 73	25865	06485	30	01864	05514	00	05580
285						50	00861
288 2-	02856	06426	80	10753	05415		5-
273						17475	30115
301 3-	02765	08485	8-	02766	07486	50	05663
321 87	25855	06486	86	25854	06486	50	00761
299 57	01754	08314	80	01854	08314	50	01744
292 8-	02956	06286	2-	02354	05384	50	00751
310						03011	46
316 86	81746	06487				5-	05655
333 83	02866	06527	8-	05658	06328	50	05655
334						06325	23
340 8-	25756	08486	7-	02857	06487	00	05670
136 86	25855	06586	20	27964	06584	03	01890
356						05385	87
350 76	02865	06437	7-	02368	04428		50
368 7-	02866	06526					05664
379 5-	02857	04427	5-	02868	04328	00	00730
390 4-	02767	07427	5-	02756	07426	5-	05657
382 7-	02867	06527	5-	02858	06428	50	01763
438 5-	02755	04445					03313
430 23	81854	04327	43	01962	06414	5-	02766
409 54	05766	10417					04326

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Monday 28th April 1941.



DISTRICTS.

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

1 S.E. England	Light to moderate northeast winds, probably freshening tomorrow. Fair to-day but considerable cloud at times. Cloud increasing to-morrow with rain probably spreading slowly up from South. Rather cold.
2 E. England	
3 E. Midlands	
4 W. Midlands	Light to moderate northeast winds; variable cloud; bright periods. Some local showers of rain or hail at first. Rather cold.
5 S.W. England	
6 South Wales	As No. 1.
7 North Wales	Freshening easterly winds, perhaps strong locally on the Coast tomorrow.
8 N.W. England	Fair to-day but considerable cloud. Chance of rain toward the end of the period. Rather cold.
9 N. Midlands	
10 N.E. England	Light to moderate northeast winds. Fair or fine, rather cold. Sharp frost at night.
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	Light to moderate north to northeast winds. Variable cloud, some bright periods. A few showers of rain or hail. Rather cold; local frost at night.
13 { A.W. Scotld. B.N.W. Scot- land.	As 7-8.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	Light to moderate northeast winds. Fair apart from a few coastal showers of rain or hail. Rather cold.
17 N. W. Ireland	
18 N. E. Ireland	
19 S. E. Ireland	
20 S. W. Ireland	As 7-8

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 in a belt to northward of the British Isles and low across Europe to the Azores. A depression over the Bay of Biscay will move in over France and is being followed by another vigorous disturbance now east of the Azores. Weather will continue dry apart from a few local rain and hail showers in the Eastern counties. Bright periods will be enjoyed in several districts especially in the West and Northwest. Conditions will remain rather cold. Rain is likely to spread to Southern districts during tomorrow.

FURTHER OUTLOOK.

Fair at first in the North. Unsettled with some rain in the southern half of the country.

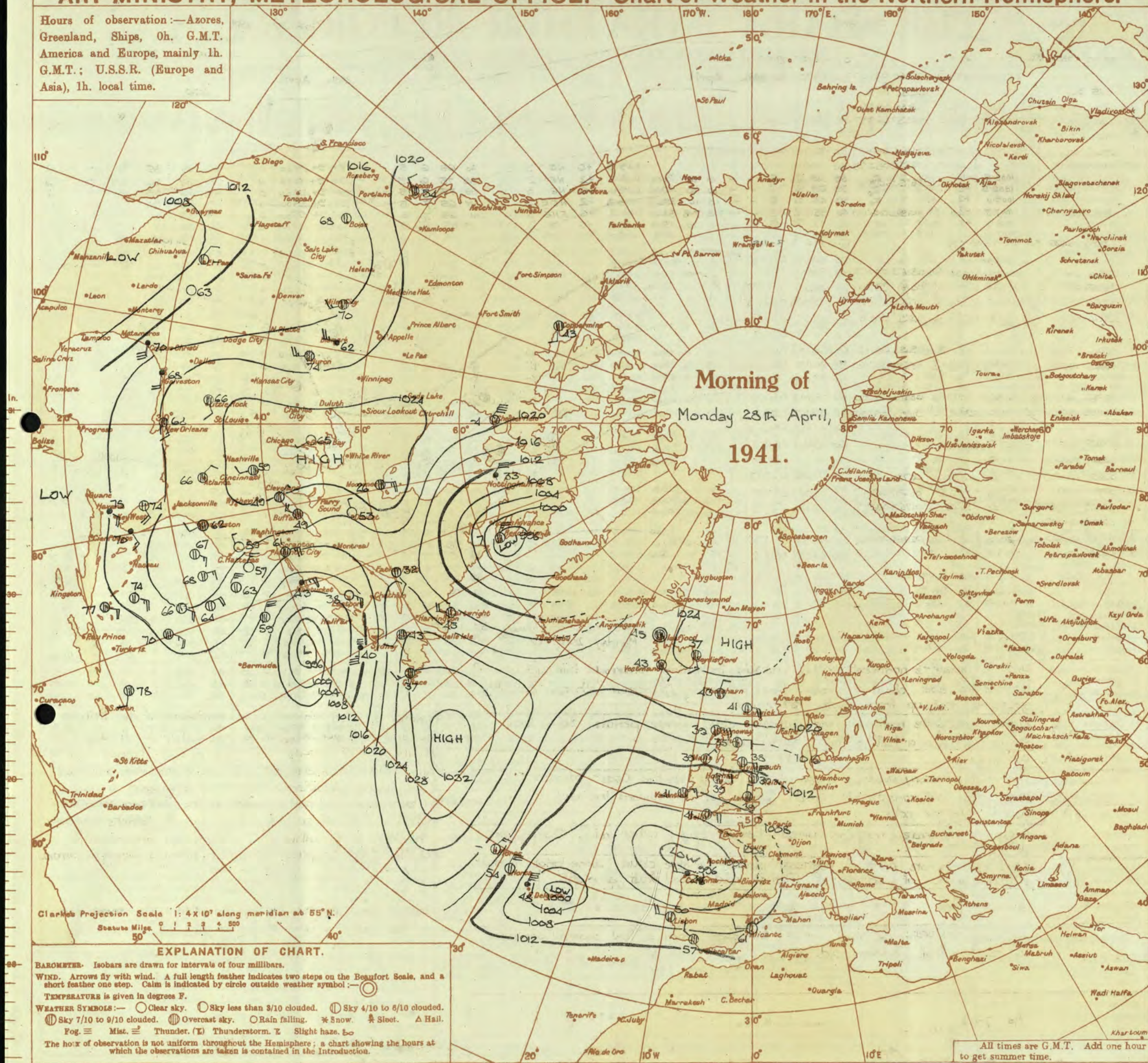
Forecasts issued at 1030 G.M.T.  
N.M.S.O. Press, Cannon Row, S.E. 1.

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  
Monday 28th April 1941  
No. 29,012

OBSERVATIONS at 1 hr. G.M.T. 28th April															OBSERVATIONS at 7 hr. G.M.T. 28th April															PAST 24 HOURS.							
DIRECTION.	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 alt. M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather.	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE (36)	
					Dirce. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Dirce. (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 Croydon ... 217 S. Farnborough ... 226 Boscombe Down ... 417 Thorney Island ... 10 Lympe ... 346 Manston ... 154	* 1008.5 1008.5 1003.0 1007.7 1008.3 1007.6	-12 -2 -2 +2 -2 -2	* NE NE NE NNE NNE	3 2 2 2 2 1	* N N C C C	* 39 39 39 40 41 39	* 65 65 65 75 85 85	* 6 6 6 7 7 5	* 5 5 5 5 5 5	* - - - - - -	* 10 10 10 7-8 10 10	* 2000 4000 2500 5400 1500 1600	1009.3 1009.0 1009.0 1009.3 1009.1 1008.4	+6 +2 +6 -2 +6 +10	NE NE NE NE NE NE	3 2 3 4 2 3	N N C C C C	40 39 38 37 41 41	65 75 75 65 65 75	6 6 7 7 8 7	5 5 5 5 5 5	- - - - - 7	- 9 9 9 9 10 10	2500 3500 4500 3500 5700 2000 4000	0 0 0 0 0 0 1	* * * * * *	45 46 46 46 48 46 45	38 37 36 35 38 38 38	35 36 35 34 31 32 36	Tr 0.2 Tr Tr Tr Tr Tr	- - - - - - 2	0.2 0.3 0.2 0.2 * * *				
2	Shoeburyness ... 11 Felixstowe ... 15 Gorleston ... 5 Mildenhall ... 19 Cranwell ... 240	* 1008.7 1009.5 1009.6 1011.7	-2 0 -2 -2	* N/E NNE NE NNE	3 4 2 2	* C C C b	* 39 41 33 38	* 75 65 85 85	* 7 7 7 7	* 5 8 5 5	* - 9 - -	* 9 9 10 10 0	* 5000 1500 5000 -	1009.3 1009.0 1009.8 1009.6 1011.5	+4 +2 +6 +4 +2	N NNE NE NW NNW	2 2 3 1 2	C C C C C	40 40 42 38 35	75 85 85 85 92	7 5 7 7 6	5 5 5 5 5	- - - - 7	- 9 10 9 7-8	5700 6000 1100 5000 3000	0 0 0 0 0	* 2 3 *	47 47 44 43 47	38 37 39 31 30	36 34 35 20 27	- Tr Tr - 1	Tr - - - Tr	5.4 5.4 - - 1.7				
3	Birmingham ... 535 Upper Heyford ... 408	* 1010.3	+8	* NNE	3	* b	* 31	* 85	* 7	* -	* -	* 0	* 0	1011.3	0	* NNE	2	* N	* 35	* 85	* 4	* -	* -	* 0	* 0	1	* 45	* 31	* 25	* -	* -	* 0.9					
4	Ross-on-Wye ... 223	* 1010.5	*	* SW	1	* N	* 35	* 85	* 6	* 5	* 3	* -	* 1	1010.5	+8	* SW	1	* N	* 35	* 85	* 6	* 5	* 3	* -	* 1	* 2-3	* 2500	0	* 48	* 29	* 21	* -	* -	* 1.4			
5	Hartland Point ... 299 Bristol ... 209 Portland Bill ... 32 Plymouth ... 82 The Lizard ... 240 Scilly (St. Mary's) ... 183 Guernsey ... 175	1007.2 1009.3 1006.5 1007.7 1005.4 1005.0	+4 +4 +8 +2 0 +2	ENE E ENE E/S E EN	4 3 5 3 6 4	C C C b c bc	41 39 42 40 44 44	65 65 62 65 65 75	7 5 8 6 7 7	5 5 5 5 8 5	- - - - 2 -	- 7-8 7-8 1 7-8 2-3	1500 3500 2500 3000 1500 1500	1008.4 1010.0 1007.1 1008.3 1006.6 1008.2	+10 +6 +2 +6 +12 +10	ENE NNE NE E E EN	4 3 4 3 6 4	C N C C C C	40 35 41 40 43 43	65 75 65 65 65 75	8 6 8 8 8 7	5 5 2 3 6 5	4 - - - - -	4-6 9 9 0 4-6 7-8	2500 4800 4000 1 2500 1500	0 0 1 0 0 0	4 4 4 3 5 4	48 48 47 51 51 51	38 34 39 38 41 43	36 28 28 33 *	- - - - - -	- - - - - -	5.2 3.2 * 3.8 1.9 1.7				
6	Pembroke ... 142	1008.4	+2	ENE	4	C	42	75	7	5	7	-	10	10	5700	1010.1	+8	ENE	4	bc	40	75	8	2	-	2-3	2-3	4000	0	3	49	38	*	-	-	3.9	
7	Holyhead ... 26	1010.7	+4	E/N	3	C	33	85	6	5	-	-	2-3	2-3	3800	1011.0	+6	ENE	4	N	39	85	5	2	6	-	2-3	2-3	2500	1	3	40	36	32	Tr	-	1.2
8	Chester (Sealand) ... 16	1011.3	0	NE/E	1	N	33	85	4	5	-	-	1	1	4500	1012.0	+6	-	0	36	85	5	-	-	0	0	-	-	0	0	46	34	24	Tr	Tr	0.8	
8	Manchester ... 70	1011.6	+2	ENE	2	N	36	85	6	-	-	-	0	0	-	1012.2	+6	NE	3	N	37	75	5	-	4	0	Tr	-	0	0	45	29	18	0.1	Tr	1.3	
10	Spurn Head ... 29 Catterick ... 175 Tynemouth ... 108	1011.1 1012.6 1014.0	-4 -6 -4	NE/E - E	5 0 4	C bc/ph bc/ph	39 33 38	65 85 85	7 6 7	5 3 2	- - -	- 4-6 4-6	2500 3400 2500	1010.6 1013.2 1014.0	-8 +8 +4	NE/N N/W NNW	3 3 2	0 N bc	40 37 38	92 75 85	7 6 6	5 5 2	- 3 3	- Tr 2-3	10 4-6 2-3	10 3000 4000	1 0 1	4 *	45 46 43	37 31 36	37 27 33	Tr Tr 0.2	0.6 Tr 0.3	6.8 7.2 *			
11	St. Abbs Head ... 280	1013.7	-6	SE	1	b	36	85	8	4	-	-	1	1	2500	1014.1	+4	WNW	2	bc	37	92	8	4	4	-	2-3	4-6	2500	0	2	41	35	*	0.2	Tr	*
12	Leuchars ... 36 Renfrew (Abbots I.) ... 19 Eakdalemuir ... 794 Point of Ayre ... 30	1013.8 1014.8 1012.3	-6 +2 *	WNW E SE/E	1 1 4	C N b	35 34 39	85 85 65	7 6 8	2 5 -	- - -	- 10 0	1600 Tr -	1014.5 1015.4 1014.4 1013.0	+4 +6 +6 +6	WNW NNW NE E	2 1 4 3	bc C bc b	37 32 31 39	92 92 92 85	8 7 6 8	4 6 5 2	- - - -	2-3 2-3 4-6 Tr	4-6 2500 2500 1500 2500	0 1 0 3	2 *	41 44 47 49	35 34 24 37	32 18 18 *	0.2 Tr Tr -	Tr - 0.2 -	* 5.8 6.7 9.7 8.8				
13A	Tiree ... 22	1012.6	0	SE/E	3	C	39	85	8	5	*	*	7-8	7-8	2500	1013.7	+2	ENE	2	C	40	75	8	5	-	7-8	9	1800	0	3	49	37	*	-	-	10.5	
13B	Stornoway ... 80	1016.5	+2	E	5	bc	39	85	8	8	-	-	4-6	4-6	2000	1016.6	0	ENE	3	C	40	85	8	5	7	-	9	9	2500	1	3	48	36	*	-	-	4.1
15	Dalwhinnie ... 1176 Aberdeen ... 79 Wick ... 81	* * 1016.5	* * -8	* * SE	* * 5	* * C/ph	* * 39	* * 85	* * 7	* * 5	* * 2	* * -	* * 7-8	* * 10	* 800	1015.1 1016.0	+2 +6	NE NNW	2 2	C C	31 37	85 97	7 6	8 -	- 10	- 10	- 800	- 1	- 2	- 42	- 33	- 34	- 0.2	- 3	- 2.3		
16	Lerwick ... 166	1020.7	0	E/N	4	bc	41	65	8	5	2	-	2-3	2-3	2500	1019.4	-4	E/N	4	C	43	65	8	5	1	-	4-6	9	1500	0	*	46	38	*	0.2	-	11.4
17	Blacksod Point ... 18	1011.2	0	E	2	bc	42	75	7	-	4	-	0	4-6	-	1011.1	+2	E	3	C	42	92	8	-	5	-	0	7-8	-	0	3	47	38	*	-	-	*
18	Malin Head ... 84 Aldergrove ... 268	1012.5 1013.0	-6 +8	NE ENE	1 2	bc b	39 33	85 85	8 7	4 5	- -	- -	2-3 1	2-3 1	5700 4000	1013.3 1013.7	+8 +6	SE ENE	2 1	bc bc	39 35	85 85	8 7	2 5	- 4	- 2-3	2-3 2-3	5700 2000	0 0	2 *	45 48	34 31	*	- Tr	0.1 Tr	8.9 6.4	
19	Birr Castle ... 173	1010.0	-2	ESE	1	C	40	85	8	5	-	-	10	10	2500	1010.7	+10	ENE	1	C	40	85	8	5	-	9	9	4000	1	*	46	38	36	0.1	-	0.7	
20	Valentia Obay. ... 30 Roches Point ... 22	1008.3 1007.9	-2 0	ENE E	3 3	C C	41 43	75 75	8 7	5 6	- 2	- -	10 7-8	10 9	4000 1500	1008.5 1009.0	+8 +14	E E	3 4	C C	42 45	75 65	8 8	5 6	- 2	- 7-8	9 9	5700 1500	1 1	5 5	46 49	38 41	37 *	- 0.2	- 1	0.7 *	

LONDON OBSERVATIONS.												EXPLANATION OF FIGURES, LETTERS, etc.																							
Day 7h—18h, Kew & Croydon. 9h—18h, Kensington. 9h—21h, other stations except for rainfall which is 9h—18h.												Columns 2, 16. The barometric tendency is expressed in tenths of a millibar.												Columns 8, 22—Code for surface visibility.  Objects not visible at											
Height above sea level, in feet.												Columns 4, 18. THE BEAUFORT SCALE OF WIND is used only for surface observations. In the ac- companying table the speed of the wind corresponding with the different numbers is the speed at about 30 feet above the ground.																							
Weather. Temperature. Rainfall. Sun- shine. Humidity. Atmospheric Pollution.												Columns 30—Code for State of Sea.																							
Morning. Afternoon. Night. Day Max. Night Min. Min. on Grass. Day. Night. Sun- shine to Sunset. 15h. 9h. G.M.T. G.M.T. G.M.T. Visibility 9a.												Columns 34, 35. Tr. = rain has fallen, but amount less than 0.1 mm.																							
24 hrs. ended 9h. °F. °F. °F. mm. mm. Yesterday. To-day. 24 hrs. ended 7h. G.M.T.												Columns 3, 22—Code for surface visibility.																							
Kew... .. 18 CROYDON ... .. 217 GREENWICH (Royal Observatory)... 149 CITY (Bunhill Row) ... .. — WESTMINSTER (St. James' Park) ... 27 REGENTS PK. (Botanic Gardens)... 168 CAMDEN SQUARE ... .. 110 KENSINGTON ... .. 80 HAMPSHIRE OBSERVATORY ... .. 450												SOUTH KENSINGTON. Max. Time. Min. Time.  Kew Observatory. Max. Time. Min. Time.												Beaufort No. Statute m/h. Beaufort No. Statute m/h. Beaufort No. Statute m/h.											
FOREIGN OBSERVATIONS.												Past 24 Hours.																							
18h. G.M.T. 7h. G.M.T.												Max. Day Min. Night Rainfall. °F. °F. mm. Night mm.																							
Barom. Wind. Weather. Temp. Barom. Wind. Weather. Temp.												Barom. Wind. Weather. Temp.																							
mb. Direc. Force. °F. mb. Direc. Force. °F. mb. Direc. Force. °F.												mb. Direc. Force. °F. mb. Direc. Force. °F. mb. Direc. Force. °F.																							
STATIONS.												STATIONS.																							
PARIS ... ..												PARIS ... ..																							
BRUSSELS ... ..												BRUSSELS ... ..																							
BERLIN ... ..												BERLIN ... ..																							
ZÜRICH ... ..												ZÜRICH ... ..																							
ROME ... ..												ROME ... ..																							

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

‡ Sea disturbance reported from Dungeness.

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

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



SECRET

Page 1.

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

BRITISH SECTION

Tuesday, 28th April 1941.  
No. 23013

OBSERVATIONS at 13h. G.M.T. 28th April														OBSERVATIONS at 18h. G.M.T. 28th April														PAST 24 HOURS.							
Dist.	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. 0-12 (8)	Cloud.					Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. 0-12 (22)	Cloud.					State of Ground. 0-6 (29)	Sea. 0-9 (30)	WEATHER.					
				Dir.	Force. 0-12 (4)					Low.	Med.	High (11)	Low 0-10 (12)	Total 0-10 (13)			Height of Base. (feet) (14)	Form.					Amount.	Low.	Med.	High (25)	Low 0-10 (26)			Total 0-10 (27)	Height of Base (feet) (28)	7h.—13h. 28th (37)	13h.—18h. 28th (38)	18h.—24h. 29th (39)	1h.—7h. 29th (40)
1	London (Kew)...	1010.6	+4	NNE	2	z.	47	55	6	5	-	-	10	10	2500	1012.2	+12	NE	2	z.	48	45	6	5	-	9+	9+	1500	0	*	czy	czy	czy	cm	
	Croydon ...	1010.0	+6	E	1	z.	46	55	6	4	-	-	9+	9+	4000	1012.0	+12	-	0	z.	45	65	5	5	-	10	10	3000	0	*	bzy	czy	czy	cm	
	S. Farnborough	1010.6	+6	NW/N	2	c	47	45	7	3	-	-	7-8	10	4000	1012.5	+14	N/E	1	c	47	45	7	7	-	10	10	4500	0	*	czy	cy	ycz	cm	
	Boscombe Down	1011.1	+8	N/E	2	z.	47	45	7	5	-	-	10	10	4000	1012.8	+18	NE	2	c	47	55	7	5	-	9+	9+	4000	0	*	c	czy	ycz	cm	
	Thorney Island	1009.8	+4	E	3	c	43	55	8	7	-	-	10	10	5700	1011.8	+10	-	0	z.	48	65	6	5	-	9+	9+	4000	0	*	c	cycem	cbcm	cbcm	
	Lymington	1010.3	+10	NNE	2	c	48	55	8	7	-	-	7-8	7-8	2500	1012.3	+12	NE	2	bc	45	65	8	5	3	-	4-6	4-6	4000	0	*	cb	cb	cb	cb
	Manston	1010.4	+8	NE	2	c	47	75	8	2	3	-	4-6	7-8	2000	1012.4	+10	NE	1	c	44	65	8	3	-	7-8	7-8	2000	0	*	cb	cb	cb	cb	
2	Shoeburyness ...	1011.0	+10	ES	2	bc	48	55	7	8	3	-	2-3	4-6	4000	1012.6	+12	-	0	c	45	65	8	8	-	9+	9+	5700	0	*	cybcy	bcyc	cb	cm	
	Felixstowe ...	1010.1	+6	E	2	c	45	75	8	8	-	-	9+	9+	2500	1012.4	+14	ENE	3	c	44	75	8	8	-	10	10	2500	0	2	cb	cb	cb	cb	
	Gorleston ...	1010.4	+6	NE	3	c	45	65	7	8	-	-	9+	9+	2200	1013.1	+14	N/E	3	c	45	75	6	8	3	-	4-6	7-8	2000	0	3	c	c	c	c
	Mildenhall ...	1010.4	+4	NE/N	4	c	47	65	8	7	2	-	7-8	9+	2500	1012.7	+16	NE	3	c	46	65	8	8	7	-	7-8	9	2500	0	*	c	c	c	c
	Cranwell ...	1012.2	+2	NE	2	c	45	65	7	8	-	-	10	10	1500	1014.0	+16	NE	3	c	44	75	8	8	-	9+	9+	2500	0	*	c	c	c	c	
3	Birmingham	1011.8	+2	NE	2	z.	42	65	6	8	-	-	9+	9+	2500	1012.3	+8	NE	2	z.	45	65	6	8	-	10	10	2500	1	*	bm	bm	bm	bm	
	Upper Heyford	1011.5	+2	ENE	2	c	48	55	8	7	3	-	4-6	7-8	2800	1012.8	+14	NE	2	c	46	55	7	5	-	9+	9+	4500	0	*	bm	bm	bm	bm	
4	Ross-on-Wye ...	1011.6	+6	NNE	3	c	45	45	7	5	-	-	10	10	4000	1012.8	+10	NNE	2	c	46	55	7	5	-	10	10	2500	0	*	cb	cb	cb	cb	
5	Hartland Point	1010.5	+10	NE	3	c	45	65	7	5	6	-	4-6	9	2500	1011.8	+10	NE	4	c	45	75	8	5	6	-	4-6	9	2500	0	4	cb	cb	cb	cb
	Bristol ...	1011.3	+12	NE	3	c	45	45	8	7	-	-	10	10	3500	1012.3	+8	NE	1	c	46	55	7	5	-	9+	9+	4000	0	*	cy	cy	cy	cy	
	Portland Bill ...	1009.6	+12	E	4	c	46	92	8	5	-	-	10	10	4000	1012.0	+10	E	3	c	46	92	7	2	-	10	10	4000	0	*	c	c	c	c	
	Plymouth ...	1010.4	+8	ESE	3	c	48	55	7	8	-	-	7-8	7-8	2500	1012.4	+10	E	3	bc	48	55	7	5	-	4-6	4-6	5000	0	3	b,cbey	bcy	bcy	bcy	
	The Lizard ...	1009.4	+12	ENE	4	c	47	75	8	8	6	-	7-8	7-8	2500	1011.0	+10	E	3	bc	47	75	8	8	-	4-6	4-6	2500	0	3	c	c	c	c	
	Soilly (St. Mary's)	1009.4	+10	EN	3	c	48	65	7	8	2	-	9	10	1500	1010.3	+8	E	3	c	46	85	7	8	7	3	2-3	9	1500	0	3	c	c	c	c
	Guernsey	1011.7	+6	ENE	3	bc	42	85	5	8	-	-	4-6	4-6	3500	1012.6	+16	SE/E	3	c	46	55	8	-	7	7	0	10	-	0	3	bc	bc	bc	bc
6	Pembroke ...	1012.7	+6	N/E	4	bc	44	65	8	2	3	1	2-3	2-3	2600	1010.4	+6	NE/N	4	c	43	75	8	5	-	9+	9+	3200	1	3	bc	bc	bc	bc	
7	Holyhead ...	1012.6	+2	E	1	z.	47	55	5	5	-	-	9	9	2800	1013.3	+12	ENE	3	z.	46	65	5	5	-	9+	9+	5500	0	*	bc	bc	bc	bc	
8	Chester (Sealand)	1012.3	+4	NE	3	z.	46	45	6	5	3	-	4-6	9+	3500	1014.2	+10	NE	3	z.	45	65	5	5	-	10	10	7200	0	*	bc	bc	bc	bc	
10	Spurn Head ...	1012.1	+10	NEE	3	c	46	75	7	8	-	-	7-8	7-8	4000	1014.1	+8	NE	3	c	44	75	7	8	6	-	4-6	10	4000	0	4	bc	bc	bc	bc
	Catterick ...	1014.2	+8	NE/N	3	c	43	65	7	8	-	-	10	10	2000	1015.5	+8	E	3	z.	44	65	6	8	6	-	4-6	4-6	2500	0	*	bc	bc	bc	bc
	Tynemouth ...	1015.4	+12	NNE	4	c	42	85	8	8	-	-	9+	9+	3200	1016.1	+6	NE	3	c	43	85	8	8	-	9+	9+	2800	1	3	bc	bc	bc	bc	
11	St. Abbs Head	1015.3	+6	WNW	2	c	40	75	8	7	5	-	4-6	7-8	2500	1015.9	+6	N	2	c	41	85	8	8	7	-	7-8	9+	2500	0	2	bc	bc	bc	bc
	Leuchars ...	1015.6	+4	E	2	bc	45	75	8	2	7	-	2-3	4-6	3500	1016.4	+4	ENE	3	bc	44	75	7	2	-	4-6	4-6	3200	1	*	bc	bc	bc	bc	
12	Benbow (Abbots L.)	1015.5	+2	ENE	2	c	45	55	7	8	-	-	9	9	4500	1015.6	+2	NNE	1	c	47	45	8	8	3	-	4-6	7-8	3500	0	*	cb	cb	cb	cb
	Eskdalemuir ...	1014.3	+2	EN	3	c	44	45	8	5	-	-	9	9	2500	1015.2	+8	EN	3	c	43	65	8	8	-	7-8	7-8	2500	0	*	bc	bc	bc	bc	
	Point of Ayre ...	1014.4	+4	NE	2	b	45	65	8	1	-	-	7	7	4000	1015.0	+2	N	2	b	45	65	8	2	4	-	7	7	4000	0	2	bc	bc	bc	bc
13A	Tiree ...	1015.1	+6	ESE	2	bc	46	75	8	1	-	-	2-3	2-3	3500	1016.1	+4	NW	2	b	44	75	8	1	-	1	1	3500	0	2	bc	bc	bc	bc	
13B	Stornoway ...	1017.0	0	ESE	4	c	43	75	8	7	-	-	7-8	9+	2000	1017.3	+2	ESE	3	c	45	85	8	7	-	4-6	9+	2500	1	2	cpr	c	c	cbcb	
15	Dalwhinnie ...	*	+4	SE	2	c	43	55	8	2	-	-	9	9	2500	*	+6	NE	2	c	41	65	8	8	6	-	4-6	7-8	2500	0	*	cy	c	c	c
	Aberdeen ...	1016.2	+4	E	3	bc	46	85	7	2	3	-	2-3	4-6	1500	1017.6	+10	E	3	bc	42	75	8	8	-	2-3	2-3	1500	1	2	bc	bc	bc	bc	
	Wick ...	1017.4	+6	E	3	c	46	75	8	1	4	2	2-3	7-8	2500	1018.2	+4	ESE	3	bc	43	75	8	1	4	8	2-3	4-6	1500	1	3	cpr	cb	cb	cb
16	Lerwick ...	1019.3	+2	ENE	4	c	45	75	8	5	7	-	4-6	7-8	1500	1019.3	+2	EN	4	c	44	75	8	5	9	2	4-6	9	1500	0	*	c	c	c	c
17	Blackad Point...	1012.2	+6	ESE	3	c	47	65	7	-	7	-	0	9	-	1013.3	+8	NW	2	c	46	75	7	-	7	-	0	9+	-	0	2	bc	bc	bc	bc
18	Malin Head ...	1015.0	+8	ESE	4	bc	42	55	8	-	3	-	0	2-3	-	1015.5	+4	ESE	3	b	43	65	8	-	-	0	0	-	0	1	bc	bc	bc	bc	
	Aldergrove ...	1014.7	+10	EN	2	b	47	45	9	1	-	-	1	1	3000	1015.4	+10	ES	2	b	46	55													

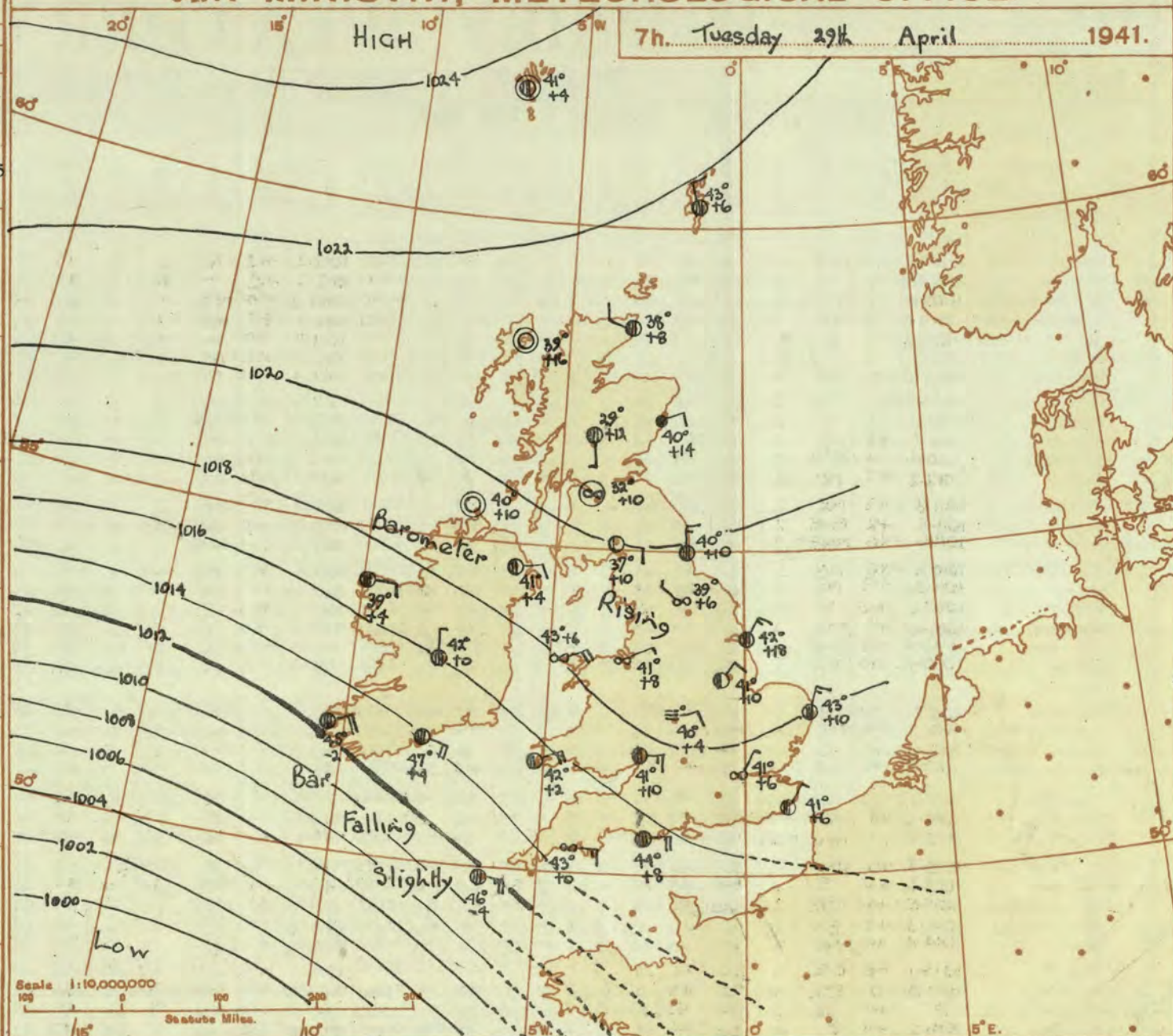


Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 28th April				18h. G.M.T.				01h. G.M.T. 29th April				07h. G.M.T.			
III	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN		C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN		C <sub>M</sub>	wwVhN <sub>h</sub>	DDFWN	
109	17	01852	06485	2+	01851	06313	5-	01754	00014	03	02836	00026			
115	54	02844	08487	5+	02844	08426	51	01851	12423	51	01853	14113			
203				8-	02556	16226	8-	01854	12314						
208	87	81855	08388	86	25846	33488	50	01853	06253	57	02554	00025			
210	87	81736	06367	8-	25755	08285	43	02763	00005	77	02265	16128			
220	83	01554	13205	70	01953	00003				00	00930	12200			
230	20	01964	32214	76	01963	32213	04	00930	00001	03	01850	00015			
245	8-	25857	04287	23	01853	06485	5-	02857	32217	5-	17858	32328			
260	86	01853	02214				40	05652	06212	43	05554	00017			
277															
279	70	01865	03313	23	02861	05427	--	01773	04223	30	00761	04301			
285	8-	03747	08417							5-	03748	04328			
288	82	81647	03488	83	17645	02227	50	41453	20143	5-	08467	30227			
273	27	01762	06204							13	01763	03105			
301	16	02665	30315	8-	05666	07286	5-	05668	06128	03	05650	06112			
321	87	81747	01388	8-	05656	05326	5-	05665	01126	5-	05667	30227			
299										50	01754	04314	5-	01754	02214
292	5-	02848	04368	83	02844	04285	40	05652	28102	5-	05657	29227			
310	--	03528	32478	--	03528	32438									
316	8-	21548	02288	8-	25654	03287	5-	05678	04128	5-	05621	02212			
333	8-	02767	08117	5-	05668	05328	5-	05667	00027	5-	02878	04228			
334	--	02646	12317	--	02646	08317				--	03646	10328			
340	2-	25648	00088	8-	81658	04388	5-	05578	00028	5-	02758	04228			
136	8-	02848	04388	26	01845	03325	5-	02768	04128	53	02875	02326			
336	53	03764	08428	51	03753	04228				51	03762	08318			
350										5-	05658	04328			
368	76	02860	07326												
379	8-	02758	04328							5-	05648	04328			
390	8-	02767	04127	57	02765	00027	50	05653	10153	5-	02768	06318			
382	7-	02868	02228	7-	02868	02228	5-	05678	04228	5-	05678	04228			
438	70	01754	04314							7-	02755	04315			
430	73	02754	08228	53	05674	06226	50	05565	00015	5-	05666	06116			
409	10	05763	10215	53	02865	12325	00	05660	08400	00	05730	08402			

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

AIR MINISTRY, METEOROLOGICAL OFFICE.



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

Hours of observation:—Azores, Greenland, Ships, 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 29th April  
1941.

Clark's Projection Scale 1:4x10<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. T Slight haze. T

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

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



THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Tuesday 29th April 1941.  
No. 29,013

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. (2)	Wind.		Weather. (5)	Temp. °F. (6)	Humid. % (7)	Visibility. (8)	Cloud.					Barom. at M.S.L. (15)	Change in 3 hours. (16)	Wind.		Weather. (19)	Temp. °F. (20)	Humid. % (21)	Visibility. (22)	Cloud.					State of Ground. (29)	Sea. (30)	TEMPERATURE.			RAINFALL.		SUNSHINE 24 Hrs. (36)		
					Dirac. (3)	Force. (4)					Form. (9)	Amount. (10)	Height of Base. (feet) (14)	Dirac. (17)	Force. (18)			Form. (23)	Amount. (24)					Height of Base. (feet) (28)	Max. Day 7h-18h °F. (31)	Min. Night 18h-7h °F. (32)	Min. on Grass °F. (33)	Day 7h-18h mm. (34)			Night 18h-7h mm. (35)							
																																Low. (11)	Med. (12)	High (13)	Low (25)		Med. (26)	High (27)
1	London (Kew) ... 217	1015.8	+14	*	0	N	41	85	5	5	*	*	10	10	2000	1017.6	+10	ENE	2	Z	43	85	5	5	-	-	2	2	2500	0	*	49	41	39	-	-	0.4	
	Croydon ... 218	1015.8	+10	NE E	1	N	43	75	5	5	-	-	10	10	5000	1017.7	+10	NE E	1	Z	41	85	6	5	-	-	4	4	5000	0	*	49	39	39	-	-	0.1	
	S. Farnborough ... 226	1015.8	+10	NNE	1	N	42	75	6	5	-	-	10	10	2500	1017.1	+10	E N	4	Z	42	92	6	5	-	-	2	2	4000	0	*	48	40	38	-	-	0.2	
	Boscombe Down ... 417	1015.4	+14	NE	1	N	39	85	6	5	-	-	9	9	5800	1016.9	+10	NE	1	Z	40	92	6	5	-	-	4	4	5700	0	*	51	36	26	-	-	*	
	Thorney Island ... 10	1016.1	+10	NNE	2	N	39	92	6	5	-	-	4	4	4000	1017.7	+10	NE N	1	C	41	92	7	8	-	-	3	3	2500	0	*	48	35	27	-	-	1.2	
	Lymington ... 346	1015.6	+10	NE	2	N	40	85	6	4	-	-	2	2	1200	1017.7	+14	NNE	2	pr	42	85	7	8	-	-	7	7	2000	0	*	48	38	34	-	-	*	
	Manston ... 154	1015.6	+10	NE	2	N	40	85	6	4	-	-	2	2	1200	1017.7	+14	NNE	2	pr	42	85	7	8	-	-	7	7	2000	0	*	48	38	34	-	-	*	
2	Shoeburyness ... 11	1015.9	+10	N	1	C	41	85	7	8	-	-	2	2	2000	1017.7	+10	N	2	bc	42	75	7	8	-	-	2	2	4000	0	*	49	35	24	-	-	2.8	
	Felixstowe ... 15	1015.8	+8	NE	3	C	43	75	6	5	-	-	2	2	1500	1017.7	+10	NE N	2	bc	44	75	7	8	-	-	2	2	1600	1	*	51	39	37	-	-	1.2	
	Gorleston ... 5	1016.3	+10	N	1	C	37	97	7	5	-	-	9	9	3000	1018.2	+10	NE N	2	C	42	85	7	8	-	-	7	7	3000	1	*	48	35	24	0.2	-	0.3	
	Mildenhall ... 19	1017.7	+14	NNE	2	O	40	85	7	5	-	-	10	10	3000	1019.0	+10	NE	2	bc	41	85	7	5	-	-	2	2	3300	0	*	37	36	-	-	0.4		
	Cranwell ... 240	1017.7	+14	NNE	2	O	40	85	7	5	-	-	10	10	3000	1019.0	+10	NE	2	bc	41	85	7	5	-	-	2	2	3300	0	*	37	36	-	-	0.4		
3	Birmingham ... 535	1016.1	+10	NE	3	Z	39	85	6	5	-	-	10	10	5000	1018.5	+14	ENE	2	m	40	85	4	6	-	-	10	10	800	0	*	45	39	37	-	-	2.6	
	Upper Heyford ... 408	1016.1	+10	NE	3	Z	39	85	6	5	-	-	10	10	5000	1018.5	+14	ENE	2	m	40	85	4	6	-	-	10	10	800	0	*	45	39	37	-	-	2.6	
4	Ross-on-Wye ... 223	1017.4	+10	E	3	Z	41	85	6	5	-	-	10	10	2500	1017.4	+10	E	3	Z	41	85	6	5	-	-	2	2	2500	0	*	47	39	37	-	-	4.8	
5	Hartland Point ... 299	1014.2	+8	E	4	b	42	65	8	-	-	-	0	0	-	1014.7	+2	ENE	3	b	43	55	8	-	-	4	0	1	-	0	3	49	37	35	-	-	6.1	
	Bristol ... 209	1016.0	+10	-	0	Z	40	75	5	5	-	-	2	2	5700	1017.5	+10	ENE	2	Z	41	85	6	5	-	-	2	2	5700	0	*	49	39	33	-	-	1.5	
	Portland Bill ... 32	1014.5	+10	E	2	bc	42	92	8	4	-	-	4	4	4000	1014.8	+8	E	4	C	44	92	7	2	-	-	10	10	2500	1	3	46	39	-	-	*		
	Plymouth ... 82	1015.5	+10	E	2	Z	38	75	6	-	-	-	0	0	-	1014.9	0	E	3	Z	43	75	6	-	-	1	0	2.3	-	0	2	50	36	31	-	-	7.1	
	The Lizard ... 240	1013.3	+6	E	5	b	44	75	8	-	-	-	0	0	-	1012.8	0	E	5	bc	47	75	8	4	-	-	2	2	3000	0	4	49	43	*	-	-	4.7	
	Scilly (St. Mary's) ... 163	1012.8	+6	E'S	4	C	46	75	7	8	-	-	7	7	1500	1012.0	-4	E	5	C	46	75	7	8	-	-	9	9	1500	0	4	49	43	*	-	-	1.1	
	Guernsey ... 175	1012.8	+6	E'S	4	C	46	75	7	8	-	-	7	7	1500	1012.0	-4	E	5	C	46	75	7	8	-	-	9	9	1500	0	4	49	43	*	-	-	1.1	
6	Pembroke ... 142	1015.4	+8	ENE	3	bc	40	85	7	7	-	-	2	2	4000	1015.8	+2	ENE	4	bc	42	85	6	-	-	0	4	-	0	3	48	38	-	-	-	7.9		
7	Holyhead ... 26	1016.3	+8	E N	4	m	44	85	4	5	-	-	10	10	2500	1017.2	+6	ENE	4	Z	43	85	6	5	-	-	2	2	6000	1	3	45	41	35	-	-	7.7	
	Chester (Sealand) ... 16	1017.2	+12	ENE	1	Z	42	75	5	5	-	-	10	10	2500	1018.7	+8	ENE	1	Z	41	75	5	5	-	-	7	7	2300	0	*	49	39	37	-	-	4.4	
8	Manchester ... 70	1017.6	+14	NE	2	Z	40	75	6	-	3	-	0	1	-	1019.1	+6	ENE	2	Z	39	85	4	-	-	0	0	-	1	*	47	32	23	-	-	4.4		
10	Spurn Head ... 29	1016.9	+8	NNE	2	bc	39	85	7	2	-	-	2	2	4000	1018.5	+18	NE N	3	C	42	75	7	8	-	-	2	2	4000	0	3	48	38	-	-	-	1.4	
	Catterick ... 175	1018.4	+8	-	0	m	35	92	4	5	-	-	2	2	1100	1019.7	+6	NW N	1	Z	39	85	6	5	-	-	2	2	3500	0	*	45	35	28	-	-	3.6	
	Tynemouth ... 108	1018.6	+6	NNW	2	C	41	92	6	5	-	-	2	2	2500	1019.6	+10	N	3	C	40	92	6	8	-	-	2	2	2800	0	3	43	38	36	-	-	*	
11	St. Abbs Head ... 280	1018.3	+8	NNE	3	bc	39	85	8	8	4	-	4	4	1500	1021.7	+10	NNW	2	C	40	85	8	8	5	-	-	4	4	2000	0	2	41	39	-	-	-	
	Leuchars ... 36	1019.2	+6	NNE	1	Z	36	92	6	4	-	-	Tr	1	2500	1020.6	+6	NNW	2	C	34	97	6	5	-	-	10	10	1500	1	*	46	33	30	-	-	10.8	
12	Renfrew (Abbots L.) ... 19	1019.8	+12	NE E	1	Z	35	92	6	5	-	-	Tr	Tr	3000	1021.4	+10	-	0	Z	32	97	5	-	3	-	0	Tr	-	*	*	*	*	*	*			
	Eskdalemuir ... 794	1017.4	+10	E'S	3	b	43	92	7	-	*	*	0	0	-	1020.1	+10	E'S	1	b	37	75	8	1	-	-	1	1	2500	0	*	46	30	24	-	-	4.8	
	Point of Ayre ... 30	1017.4	+10	E'S	3	b	43	92	7	-	*	*	0	0	-	1019.1	+10	E' N	3	b	42	85	7	-	4	-	0	1	-	0	3	47	40	*	-	-	12.4	
13a	Tiree ... 22	1017.9	+4	NE	1	b	42	85	8	*	*	*	0	0	-	1021.8	+10	-	0	b	39	92	8	5	-	-	Tr	Tr	4000	1	0	47	34	*	0.5	-	6.7	
13b	Stornoway ... 80	1019.8	+8	SE	3	C	42	92	7	5	7	-	7	8	2500	1021.8	+10	-	0	b	39	92	8	5	-	-	Tr	Tr	4000	1	0	47	34	*	-	-	6.7	
15	Dalwhinnie ... 1176	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.5	+12	S	1	C	29	85	8	2	3	-	1	7	8	2500	0	*	49	26	20	-	-	3.0
	Aberdeen ... 79	1020.1	+6	SW	1	C	36	92	7	5	1	-	7	8	2500	1021.2	+14	E' N	2	pr	40	85	7	8	-	-	10	10	1500	1	2	46	37	34	-	-	7.0	
	Wick ... 81	1021.1	+2	S	1	C	41	92	7	8	7	-	4	4	1500	1021.3	+8	NNW	2	C	38	85	7	5	7	-	7	8	10	2500	1	2	46	34	*	-	-	7.0
16	Lerwick ... 156	1021.1	+2	S	1	C	41	92	7	8	7	-	4	4	1500	1021.3	+6	NNW	2	C	43	85	8	5	3	-	7	8	9	1500	0	*	46	39	*	-	-	5.9
17	Blackod Point ... 18	1015.9	+10	ESE	3	b	42	65	8	-	-	-	0	0	-	1017.0	+4	E	2	C	39	85	8	-	-	0	2	-	0	3	51	36	*	-	-	13.6		
18	Malin Head ... 84	1017.6	+8	E	3	b	43	85	8	-	-	-	0	0	-	1018.7	+10	-	0	b	40	75	8	-	-	0	0	-	0	0	44	35	-	-	-	11.9		
	Aldegreave ... 268	1018.1	+4	-	0	bc	35	85	7	5	-	-	4	4	4000	1019.0	+4	E' N	2	bc	41	85	7	5	3	1	2	3	4	4500	0	*	49	32	22	-	-	11.9
19	Birr Castle ... 173	1015.8	+4	ESE	1	C	35	85	8	5	-	-	10	10	2500	1015.9	0	N	1	C	42	85	8	5	-	-	2	2	4000	1	*	52	31	25	-	-	1.1	
20	Valentia Obsy. ... 30	1014.4	+6	E'S	3	b	40	65	8	5	-	-	1	1	4000	1013.0	-2	ENE	4	C	45	75	8	5	-	1	3	3	5700	0	2	53	34	29	-	-	9.5	
	Roches Point ... 22	1014.5	0	ENE	3	C	42	75	8	5	-	-	2	2	1500	1014.1	+4	E'S	4	C	47	65	8	8	-	-	2	2	1500	1	4	49	40	*	-	-	*	

LONDON OBSERVATIONS.

Day 7h—18h, Kew & Croydon.

9h—18h, Kensington.

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

Height above sea level in feet.

24 hrs. ended 9h.

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Min. on Grass °F.

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

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



Page 1.

12 AUG 1985

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THE DAILY WEATHER REPORT  
OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION  
Wednesday 30th April 1941.  
No. 23014

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

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

PAST 24 HOURS

OBSERVATIONS AT 101. G.M.T. 1901.

FAST 24 HOURS.

Director.	STATIONS. (For heights see p. 4.)	Barom. at M.S.L. mb. (1)	Change in 8 hours. (2)	Wind.	Weather.	Temp. °F. (5)	° Hydrid. (6)	° Visibility. (7)	Cloud.	Barom. at M.S.L. mb. (15)	Change in 8 hours. (16)	Wind.	Weather.	Temp. °F. (20)	° Humid. (21)	° Visibility. (22)	Cloud.	State of Ground. 0-9 (29)	Sea. 0-9 (30)	WEATHER.																	
				Dirce. (3)					Form.			Dirce. (17)					Form.				7h.-13h. 29h.	13h.-18h. 29h.	18h.-24h. 30h.	1h.-7h. 30h.													
									Low.	Med.	High		Low	Total	Height of Base. (feet) (14)		Low.	Med.	High	Low 0-10	Total 0-10	Height of Base. (feet) (28)															
1	London (Kew)...	1017.7	0	EN	3	z.	48	65	5	5	-	-	-	10	10	2500	1015.5	-6	NE'E	4	z	47	65	6	8	-	-	3+	3+	2500	0	*	czo	czo	czo, bcc	ccm <sub>o</sub>	
	Croydon ...	1017.2	+2	E	3	c	47	65	7	8	-	-	-	4.6	9+	3000	1015.8	-12	NE	3	bc	46	65	6	2	-	-	4.6	4.6	3000	0	*	cmoc	c, bc	bcz, c	cm <sub>o</sub>	
	S. Farnborough	1017.3	-4	E	2	z	47	65	6	8	-	-	-	10	10	3100	1015.3	-8	E	4	c	46	55	7	5	-	-	5	5	3200	0	*	cmoz	z, c	cyb, m, bc	bc, m, c	
	Boscombe Down	1016.6	-10	EN	5	z	40	55	5	5	-	-	-	9	9	5000	1014.7	-2	E'N	5	c	48	55	7	5	-	-	3+	3+	3000	0	*	czo	cy, c	cyb, bc	bcz, c	
	Thorney Island	1016.5	-4	ESE	3	c	48	75	8	8	-	-	-	9	9	3800	1014.2	-6	E'N	3	bc	48	65	8	4	-	-	2.3	2.3	4000	0	*	bey, c	c, bc	bc, bc	bc, bc	
	Lympe	1018.3	+2	ENE	2	c	47	65	9	8	3	-	-	7.8	9+	2200	1016.3	-6	NE	3	b	48	75	8	1	-	-	2.3	2.3	4000	0	*	cbcc	c, bc	b	obcc	
	Manston	1018.2	+2	NE'E	3	c	45	75	8	8	-	-	-	9+	9+	2000	1016.2	-12	NE'E	4	c	45	85	7	5	6	-	-	4.6	7.8	1000	0	*	cpr, bc	bc	b	c, bc
2	Shoeburyness ...	1018.6	+4	EN	3	c	47	65	8	7	3	-	-	4.6	7.8	4000	1016.8	-8	NE'E	3	bc	45	75	8	7	-	-	4.6	4.6	4000	0	*	c, bc	c, bc	bc	bc, m, c	
	Felixstowe	1018.1	+2	E	4	c	49	65	8	4	-	-	-	7.8	7.8	2500	1017.3	-6	ENE	4	c	45	85	8	7	-	-	3	3	2000	0	3					

### EXPLANATION OF FIGURES, LETTERS AND SYMBOLS

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

b, blue sky (not more than a quarter covered with cloud).  
bc, sky partly cloudy (one half covered). c, generally cloudy.  
d, drizzle. e, wet air. g, gloom.  
f, fog, visibility 220-1100 yds.  
F, thick fog „ less than 220 yds.  
fs, low fog over sea (coast station).  
fg, low fog over land (inland station).  
m, mist, visibility 1100-2200 yds.  
h, hail. i, intermittent.  
jf, fog at a distance, but not at station.  
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 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 existing weather from preceding conditions thus:—bc/r, fair weather after rain; —, has decreased; +, has increased.

COLUMNS 9, 23.—FORM OF LOW CLOUD.

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

COLUMNS 12, 13, 26, 27.

Columns 12, 26. The figures in these columns indicate the amount of cloud at the height given in Column 14. Columns 18, 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 1/30 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 (Ne).  
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.

COLUMN 29 — STATE OF GROUND.

COLUMBIA		STATE OF GEORGIA.	
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 Cs predominating, and a little cirrus.

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

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



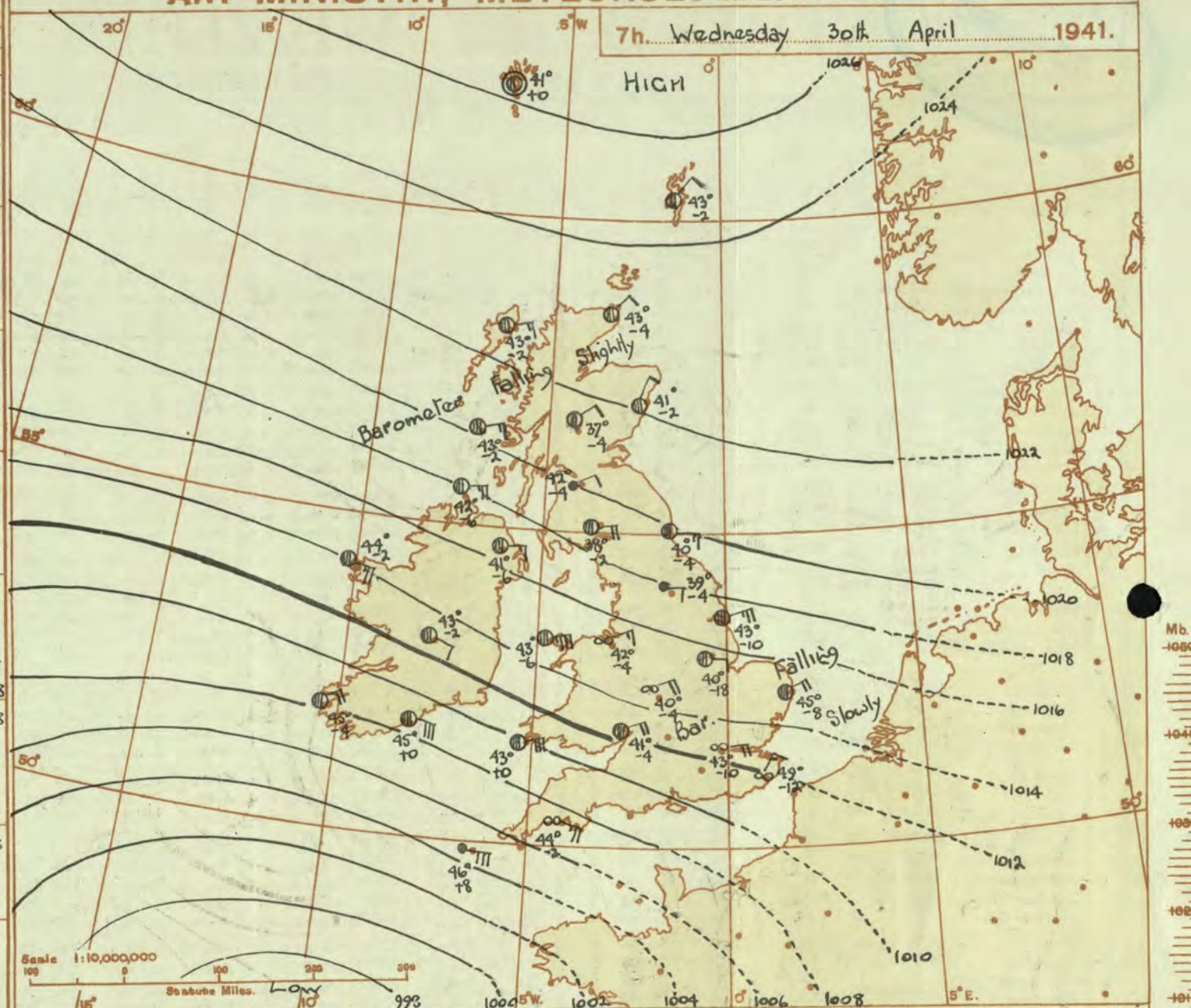
Abridged observations of additional stations in the  
AVIATION WEATHER CODE

13h. G.M.T. 29th April.....18h. G.M.T.				01h. G.M.T. 30th April.....07h. G.M.T.					
III	C <sub>M</sub>	wwVhN <sub>N</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>N</sub>	DDFWN	C <sub>M</sub>	wwVhN <sub>N</sub>	DDFWN
109	13	0251	09227	10	00551	07211	5-	03868	00008
115	74	02844	12325	53	02844	10427	51	01853	08223
203				8-	01958	32228	8-	01844	08324
206	23	02853	09028	47	02864	10225	52	02644	05328
210	87	02854	09226	53	01973	06314	5-	02868	08228
220				53	02854	11217			23
230	77	02965	09018	53	01954	10168	53	02765	09117
245	87	02854	06327	83	01863	04428	62	03835	05488
260	8-	02755	09127	5-	02754	04328	5-	21758	08358
277									52
279	7-	02867	09327	5-	02868	07528	--	05648	04428
285	5-	03748	10528	5-	03748	10528			5-
288	8-	02858	02388	86	02856	-----	5-	02758	06228
273									6-
301	1-	05665	07325	03	05650	04425	5-	05658	06428
321	7-	02768	09228	5-	02868	06328	5-	01648	07328
299	82	02764	02226				5-	03748	08328
292	5-	02858	06128	5-	02858	07328	5-	03758	04428
310	--	02646	32426	--	02638	32428			52
316	7-	02757	06327	7-	02757	06327	5-	01448	08358
333	5-	02778	08328	5-	05668	06428	5-	05667	06527
334	--	02646	08317	--	02646	10317			57
340	7-	02757	12327	7-	02767	08427	5-	05558	06428
136	5-	02967	04317	5-	02957	05387	5-	02855	05325
336	52	02764	12427	51	03763	08428			51
350	7-	02868	07328	7-	02867	02427			5-
368	13	01862	08514						5-
379	8-	02758	04328	53	02764	04326	50	05642	08502
390	8-	02757	07427	73	02754	10425	5-	05657	04417
382	7-	02768	04328	4-	02866	06526	5-	05648	07528
438	46	01864	06414						51
430	83	02765	11326	46	00962	08412	00	01790	08414
409	10	02764	08518	06	02790	06025	07	02790	41628
									52

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

AIR MINISTRY, METEOROLOGICAL OFFICE.

7h. Wednesday 30th April 1941.



DISTRICTS.

FORECASTS FOR THE 24 HOURS COMMENCING 12 NOON, G.M.T. Wednesday 30th April 1941.

1 S.E. England	Fresh E. wind, veering S.E. and moderating later; fair at first, rain later; rather cold, becoming milder.
2 E. England ...	
3 E. Midlands ...	Fresh E. wind; fair, with some bright periods; temperature slightly below average
4 W. Midlands ...	
5 S.W. England ▼	Fresh or strong E. wind, veering S.E. and moderating later; rain spreading slowly northwards; becoming milder
6 South Wales ... ▼	
7 North Wales ...	
8 N.W. England	
9 N. Midlands ...	Fresh E. wind; mainly cloudy with slight local showers; rather cold.
10 N.E. England	
11 S.E. Scotland	
12 S.W. Scotland & Isle of Man.	
13 { A.W. Scotld. B.N.W. Scotland.	Light to moderate E. wind; mainly cloudy, with slight local showers; rather cold.
14 Mid Scotland	
15 N. E. Scotland	
16 Orkneys and Shetlands	
17 N. W. Ireland	As 7-13 A.
18 N. E. Ireland	
19 S. E. Ireland ▼	Fresh or strong E. wind; fair at first, rain later; rather cold.
20 S. W. Ireland ▼	

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

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

GENERAL INFERENCE.

A depression centred some 400 miles off Southwest England has become almost stationary, while an associated trough in the English Channel is moving slowly northwards. Rain will spread slowly northwards across southern districts of the British Isles, where conditions will become milder. Elsewhere it will remain rather cold and mainly fair, though with a few scattered showers.

FURTHER OUTLOOK.

Rather unsettled; milder in the South; continuing rather cold in the North.

▼ Gale warning in operation in districts 5, 20, and parts of districts 6 and 13.

Times of issue 1330h and 2130h on 29-4-1941.

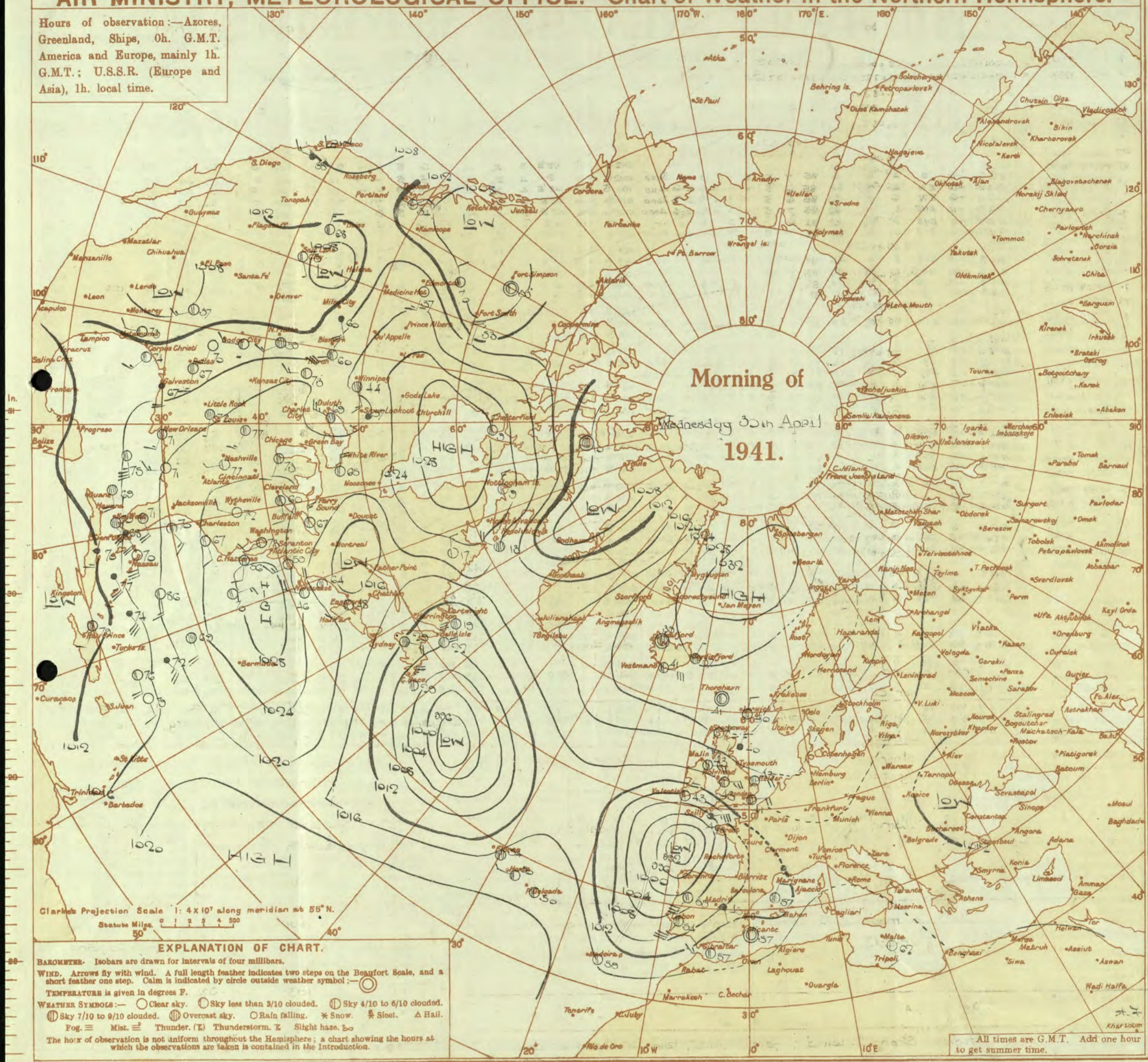
Forecasts issued at 1330h G.M.T.  
M.M.S.O. Press, Central House, S.E.1.

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. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.				Barom. at M.S.L. mb.	Change in 3 hours.	Wind.		Weather.	Temp. °F.	Humid. %	Visiblity.	Cloud.				Sea.	TEMPERATURE.			RAINFALL.			SUNSHINE 24 Hrs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					Dir.	Force.					Form.	Amount.	Height of Base (feet).	Dir.			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	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10